

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041025.D
 Acq On : 3 Jun 2019 9:17
 Operator : HP/JU
 Sample : K3084-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 15:24:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	62211	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	244832	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	175957	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	455531	20.00	ng	0.00
76) Chrysene-d12	21.78	240	453150	20.00	ng	0.00
87) Perylene-d12	25.11	264	483411	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	478700	138.75	ng	0.00
7) Phenol-d6	7.27	99	688919	129.30	ng	0.00
23) Nitrobenzene-d5	9.30	82	471086	85.42	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	350516	134.18	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	931388	76.23	ng	0.00
79) Terphenyl-d14	20.09	244	1559976	73.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	52345	33.436	ng	91
3) Pyridine	3.93	79	132282	28.556	ng	94
4) n-Nitrosodimethylamine	3.85	42	91888	42.740	ng	93
6) Aniline	7.44	93	134737	18.945	ng	94
8) 2-Chlorophenol	7.68	128	176116	42.819	ng	96
9) Benzaldehyde	7.25	77	84088	26.456	ng	89
10) Phenol	7.30	94	243639	42.647	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	165545	39.944	ng	96
12) 1,3-Dichlorobenzene	8.01	146	189632	38.602	ng	97
13) 1,4-Dichlorobenzene	8.15	146	192095	38.631	ng	93
14) 1,2-Dichlorobenzene	8.48	146	186706	38.671	ng	96
15) Benzyl Alcohol	8.36	79	204555	41.502	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.64	45	263390	38.893	ng	97
17) 2-Methylphenol	8.55	107	167719	40.547	ng	95
18) Hexachloroethane	9.21	117	73724	38.468	ng	100
19) n-Nitroso-di-n-propylamine	8.92	70	160704	39.193	ng	97
20) 3+4-Methylphenols	8.88	107	232403	40.561	ng	96
22) Acetophenone	8.95	105	303613	44.207	ng	# 99
24) Nitrobenzene	9.34	77	248323	44.183	ng	98
25) Isophorone	9.86	82	451711	43.038	ng	99
26) 2-Nitrophenol	10.05	139	106336	45.894	ng	90
27) 2,4-Dimethylphenol	10.09	122	185310	48.427	ng	94
28) bis(2-Chloroethoxy)methane	10.34	93	238177	42.046	ng	98
29) 2,4-Dichlorophenol	10.58	162	209700	43.154	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	230253	41.653	ng	94
31) Naphthalene	10.99	128	563410	42.860	ng	98
32) Benzoic acid	10.17	122	16738	12.803	ng	94
33) 4-Chloroaniline	11.10	127	100940	16.550	ng	93
34) Hexachlorobutadiene	11.26	225	166825	39.441	ng	98
35) Caprolactam	11.88	113	38853	24.212	ng	92
36) 4-Chloro-3-methylphenol	12.21	107	237223	42.745	ng	97
37) 2-Methylnaphthalene	12.59	142	421064	41.590	ng	99
38) 1-Methylnaphthalene	12.81	142	399289	41.852	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	305787	43.117	ng	99

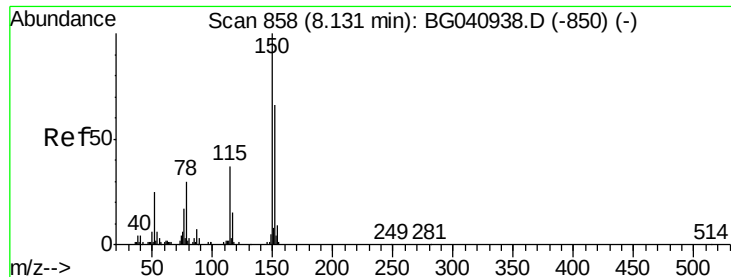
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041025.D
 Acq On : 3 Jun 2019 9:17
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	303691	79.696	ng	95
43) 2,4,6-Trichlorophenol	13.18	196	200644	43.733	ng	97
44) 2,4,5-Trichlorophenol	13.26	196	209558	43.310	ng	97
46) 1,1'-Biphenyl	13.59	154	567418	43.565	ng	99
47) 2-Chloronaphthalene	13.64	162	468503	41.900	ng	97
48) 2-Nitroaniline	13.84	65	176062	43.891	ng	98
49) Acenaphthylene	14.48	152	728118	43.266	ng	99
50) Dimethylphthalate	14.20	163	793513	53.274	ng	100
51) 2,6-Dinitrotoluene	14.33	165	143133	44.569	ng	100
52) Acenaphthene	14.82	154	428300	42.012	ng	97
53) 3-Nitroaniline	14.66	138	87185	27.149	ng	95
54) 2,4-Dinitrophenol	14.86	184	98870	64.769	ng	97
55) Dibenzofuran	15.15	168	732208	42.684	ng	98
56) 4-Nitrophenol	14.96	139	215868	98.002	ng	92
57) 2,4-Dinitrotoluene	15.12	165	201244	44.362	ng	96
58) Fluorene	15.80	166	577897	42.301	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	217931	45.831	ng	99
60) Diethylphthalate	15.55	149	642499	42.268	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	371668	41.856	ng	94
62) 4-Nitroaniline	15.83	138	138815	40.831	ng	97
63) Azobenzene	16.07	77	583523	42.236	ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	104062	43.592	ng	95
66) n-Nitrosodiphenylamine	16.00	169	540733	42.227	ng	98
67) 4-Bromophenyl-phenylether	16.68	248	242791	39.494	ng	97
68) Hexachlorobenzene	16.79	284	254849	38.931	ng	98
69) Atrazine	16.94	200	237468	48.060	ng	98
70) Pentachlorophenol	17.14	266	289588	82.442	ng	97
71) Phenanthrene	17.54	178	987726	41.627	ng	98
72) Anthracene	17.63	178	1014078	43.333	ng	100
73) Carbazole	17.90	167	897143	44.679	ng	100
74) Di-n-butylphthalate	18.44	149	1033544	41.413	ng	98
75) Fluoranthene	19.54	202	1257943	42.922	ng	98
77) Benzidine	19.72	184	277721	25.691	ng	98
78) Pyrene	19.90	202	1259054	42.741	ng	99
80) Butylbenzylphthalate	20.77	149	492057	42.923	ng	99
81) Benzo(a)anthracene	21.76	228	1222782	40.537	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	258730	24.386	ng	97
83) Chrysene	21.83	228	1191975	41.293	ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	665693	41.251	ng	99
85) Di-n-octyl phthalate	22.87	149	1127606	41.955	ng	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1448653	40.968	ng	99
88) Benzo(b)fluoranthene	24.05	252	1261183	43.014	ng	99
89) Benzo(k)fluoranthene	24.12	252	1216254	41.919	ng	98
90) Benzo(a)pyrene	24.96	252	1229043	43.935	ng	98
91) Dibenzo(a,h)anthracene	29.03	278	1187397	42.480	ng	99
92) Benzo(g,h,i)perylene	30.16	276	1173846	43.226	ng	97

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

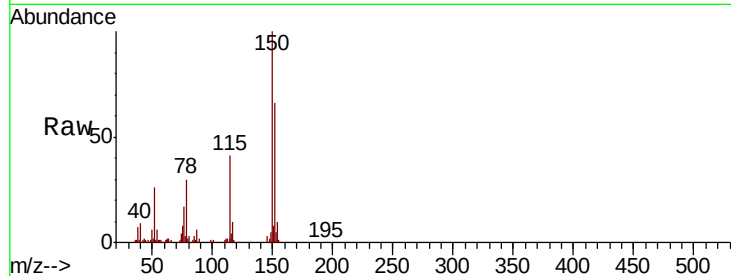


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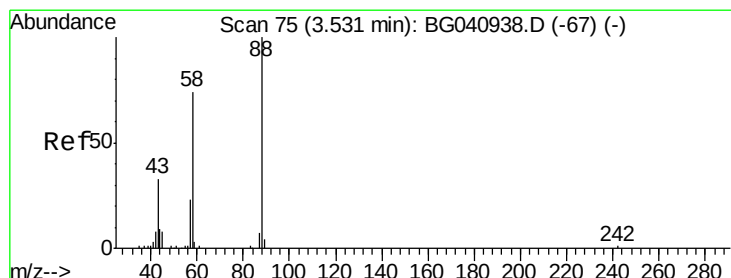
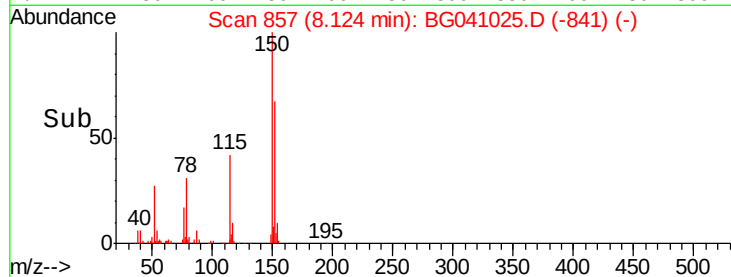
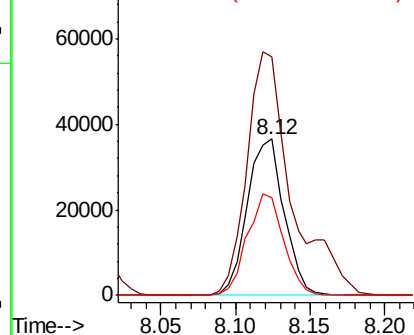
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	120.6	180.8
115	62.8	45.1	67.7



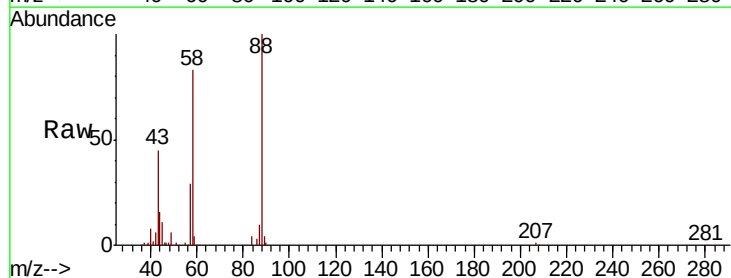
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



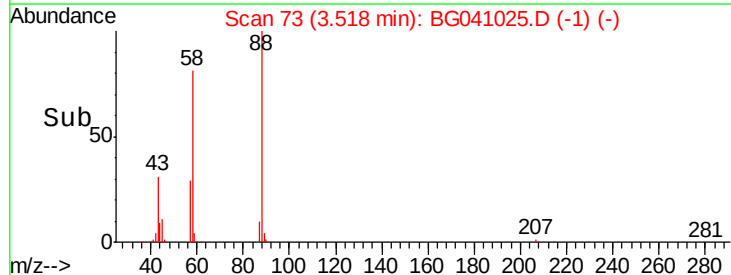
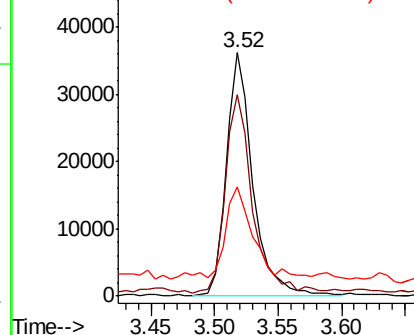
#2

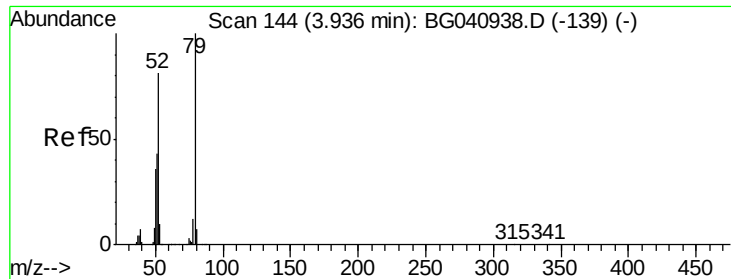
1,4-Dioxane
Concen: 33.436 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	59.0	88.6
43	36.8	27.2	40.8



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





#3

Pvridine

Concen: 28.556 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

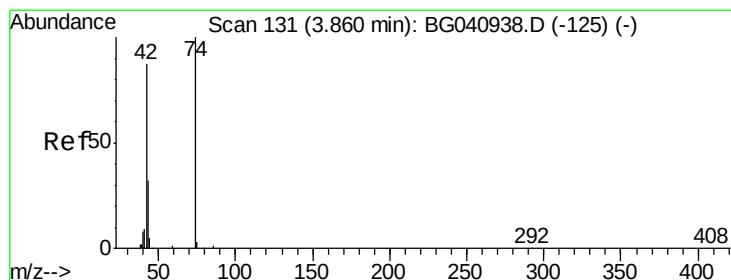
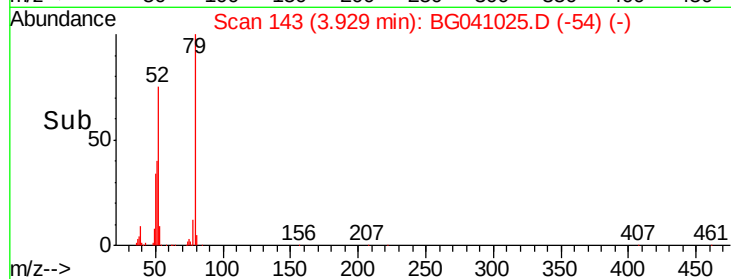
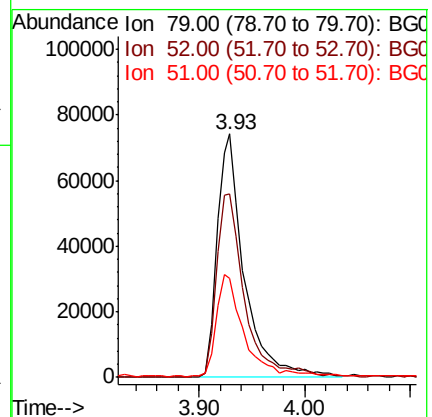
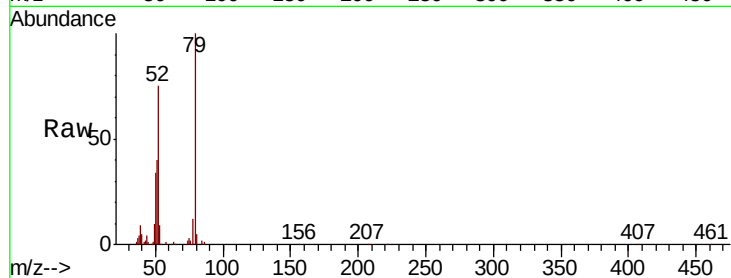
Tot Ion: 79 Resp: 132282

Ion Ratio Lower Upper

79 100

52 75.3 64.8 97.2

51 40.5 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 42.740 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

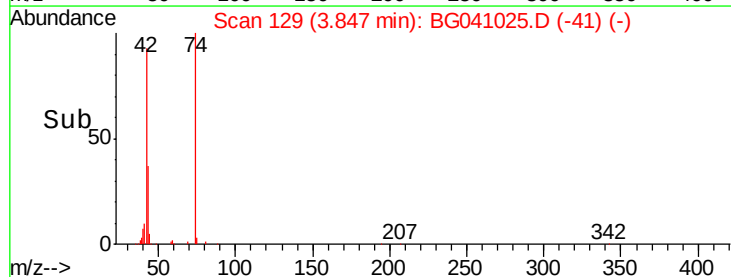
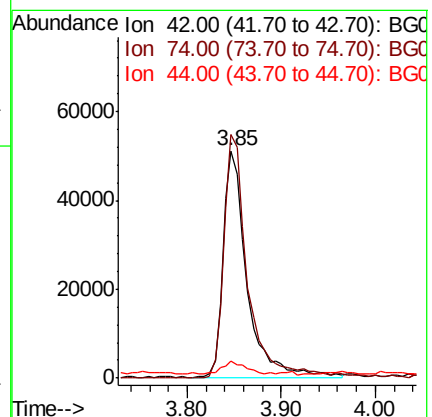
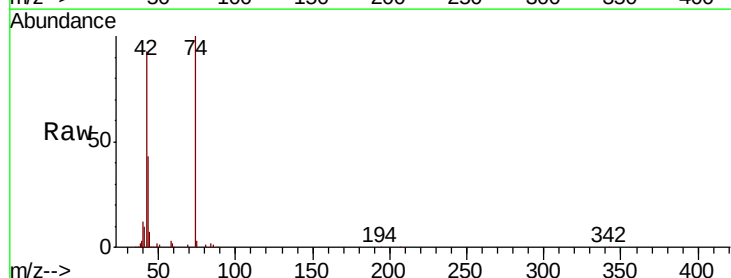
Tgt Ion: 42 Resp: 91888

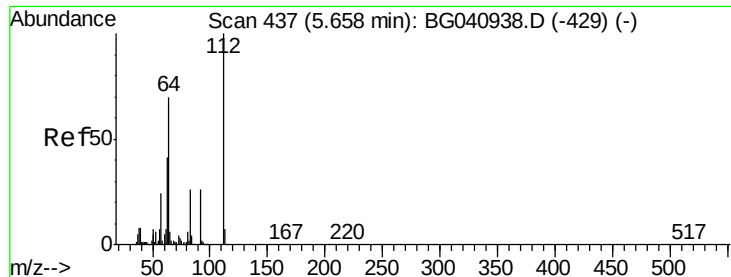
Ion Ratio Lower Upper

42 100

74 107.1 91.8 137.6

44 7.7 6.0 9.0





#5

2-Fluorophenol

Concen: 138.753 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

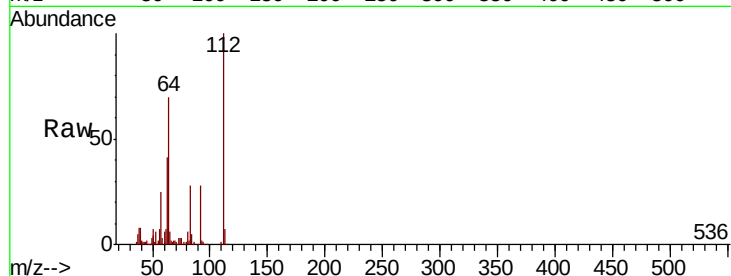
Tot Ion:112 Resp: 478700

Ion Ratio Lower Upper

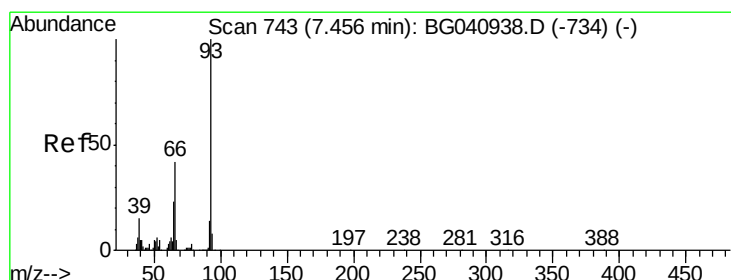
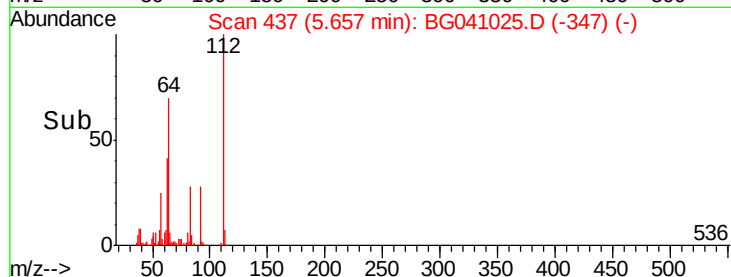
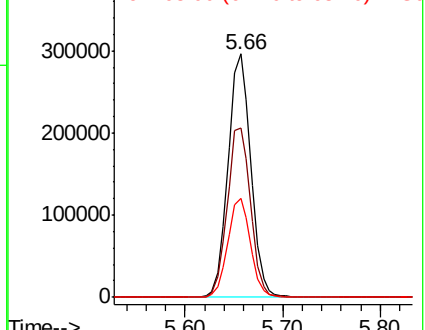
112 100

64 69.6 56.2 84.2

63 40.7 32.8 49.2



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



#6

Aniline

Concen: 18.945 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

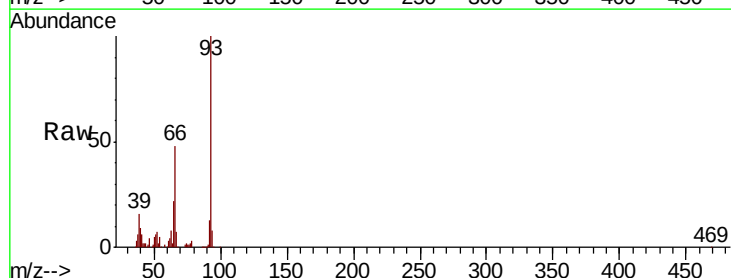
Tgt Ion: 93 Resp: 134737

Ion Ratio Lower Upper

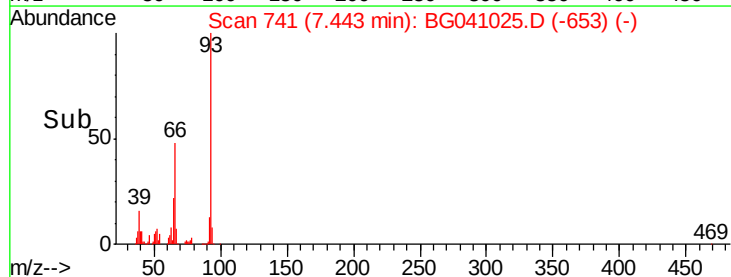
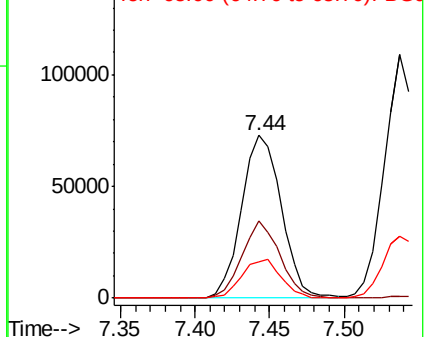
93 100

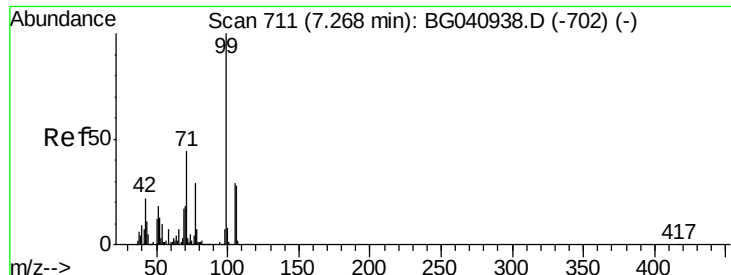
66 47.7 33.8 50.8

65 22.0 18.3 27.5



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





#7

Phenol-d6

Concen: 129.297 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

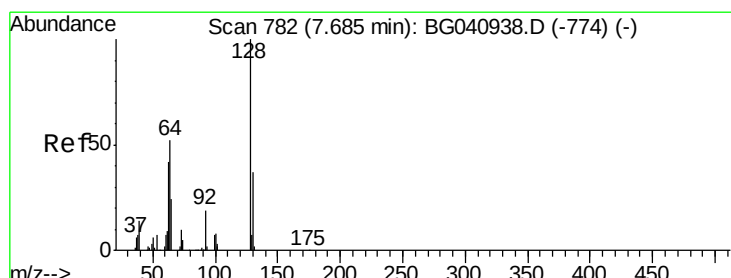
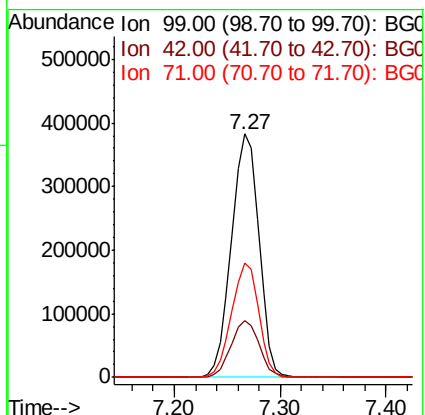
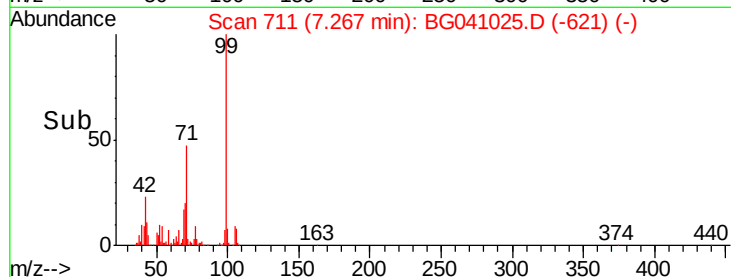
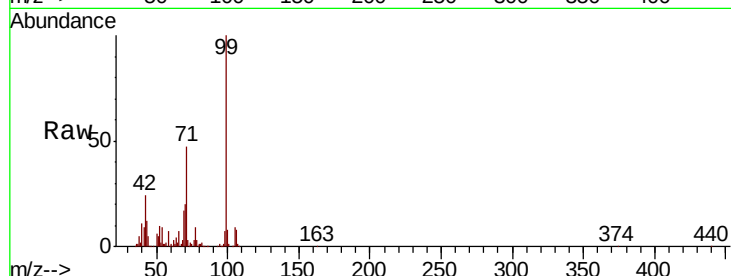
Tot Ion: 99 Resp: 688919

Ion Ratio Lower Upper

99 100

42 23.5 17.9 26.9

71 47.0 35.4 53.0



#8

2-Chlorophenol

Concen: 42.819 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

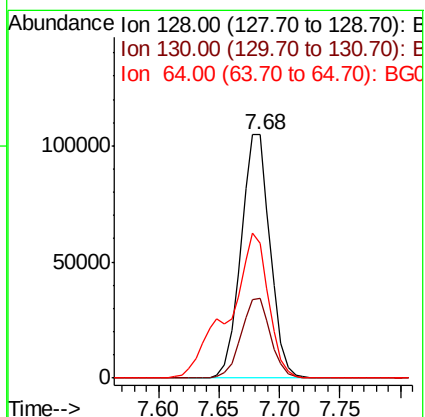
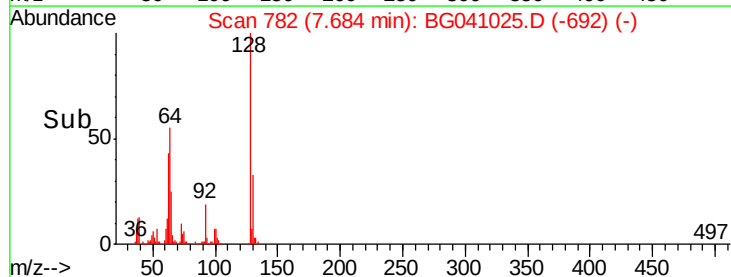
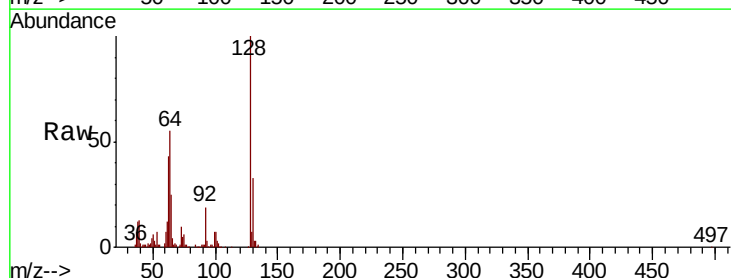
Tgt Ion: 128 Resp: 176116

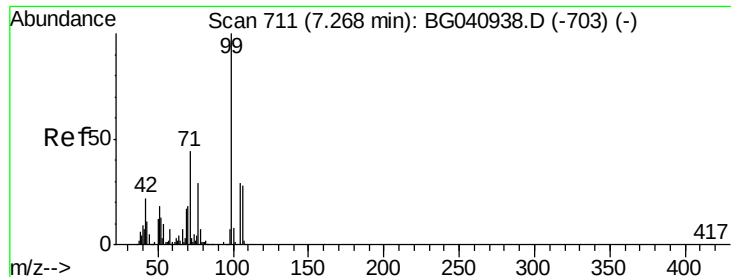
Ion Ratio Lower Upper

128 100

130 33.0 16.6 56.6

64 55.4 37.8 77.8





#9

Benzaldehyde

Concen: 26.456 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

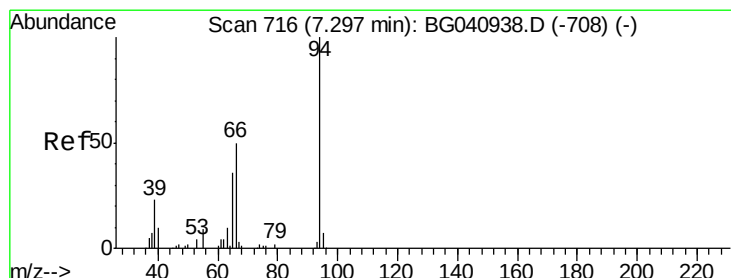
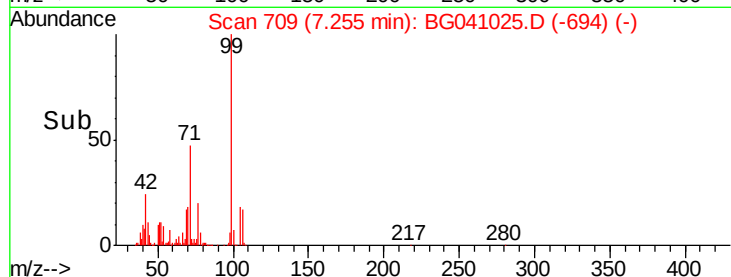
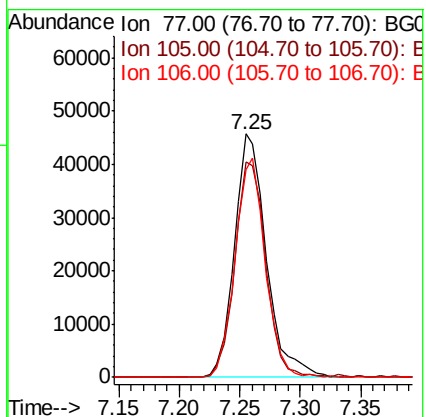
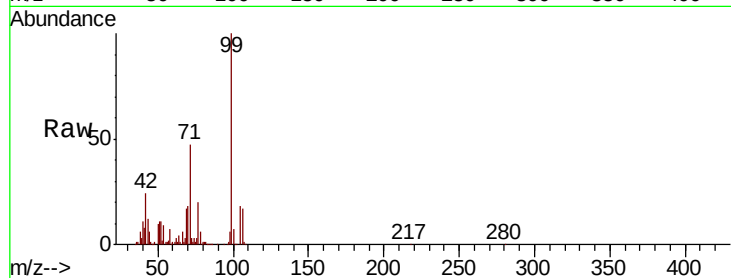
Tot Ion: 77 Resp: 84088

Ion Ratio Lower Upper

77 100

105 88.3 78.9 118.9

106 85.2 76.7 116.7



#10

Phenol

Concen: 42.647 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

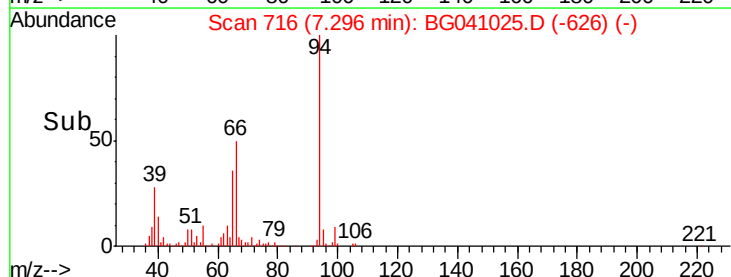
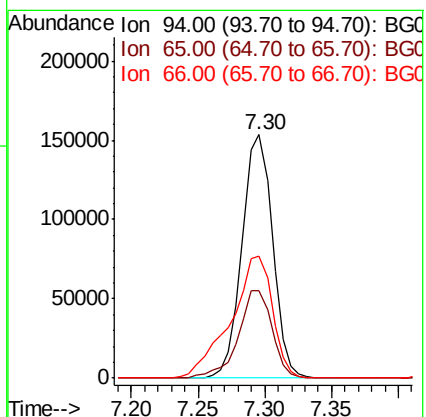
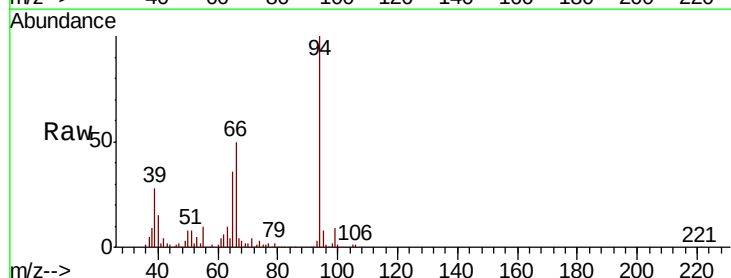
Tgt Ion: 94 Resp: 243639

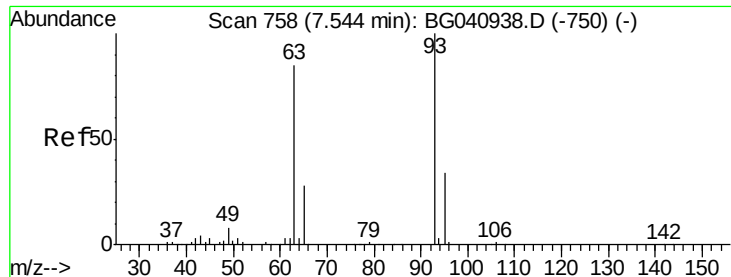
Ion Ratio Lower Upper

94 100

65 36.0 17.0 57.0

66 49.9 32.4 72.4





#11

bis(2-Chloroethyl)ether

Concen: 39.944 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampled :

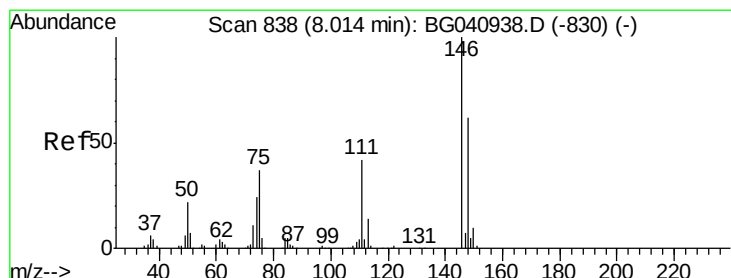
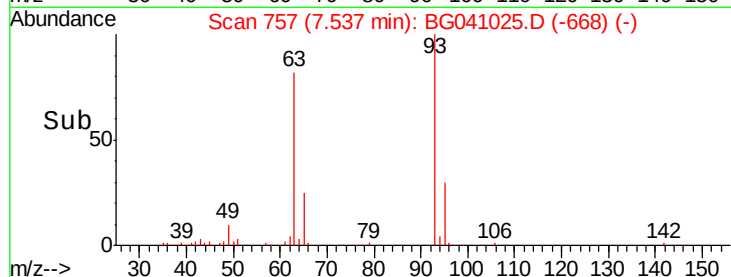
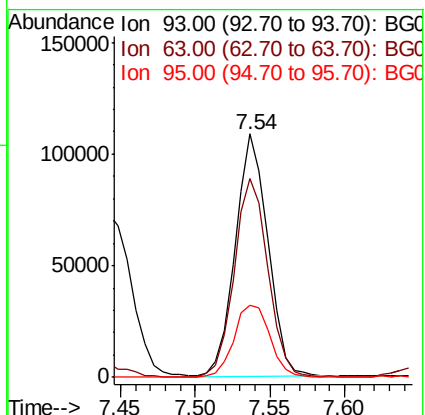
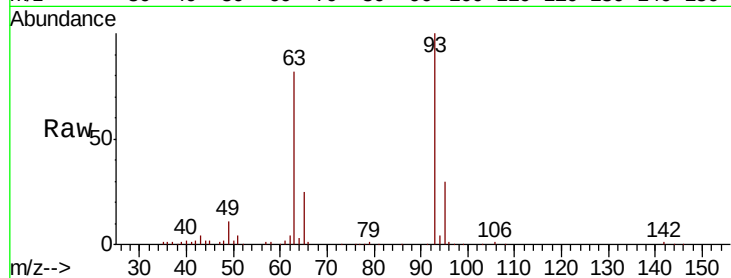
Tot Ion: 93 Resp: 165545

Ion Ratio Lower Upper

93 100

63 81.9 64.5 104.5

95 29.8 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 38.602 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

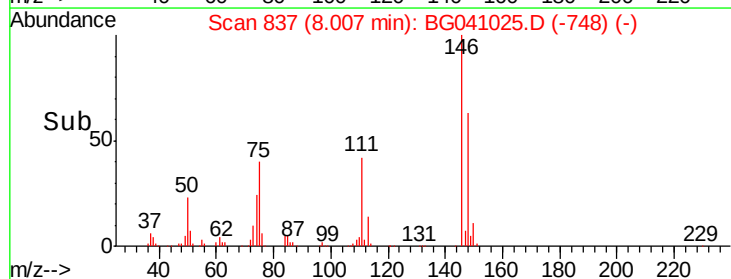
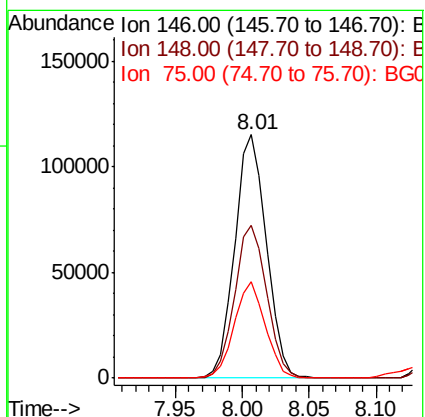
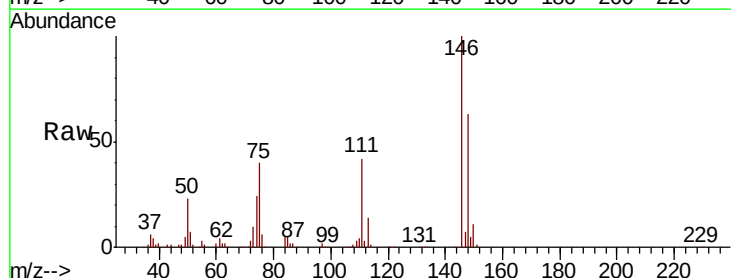
Tgt Ion: 146 Resp: 189632

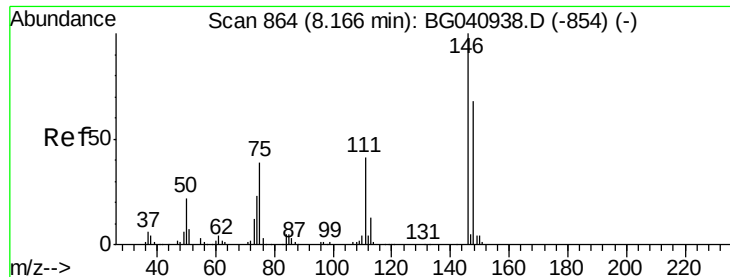
Ion Ratio Lower Upper

146 100

148 62.8 49.2 73.8

75 39.6 29.4 44.0

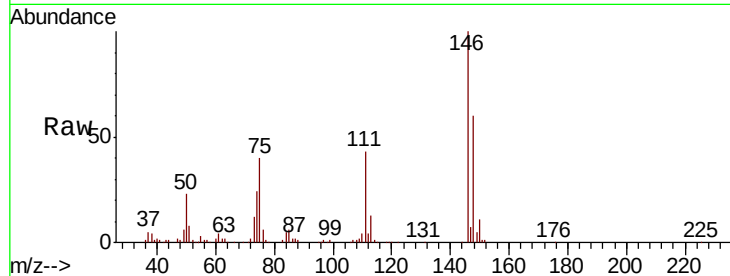




#13
 1,4-Dichlorobenzene
 Concen: 38.631 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.2	54.2	81.4
111	42.6	32.9	49.3

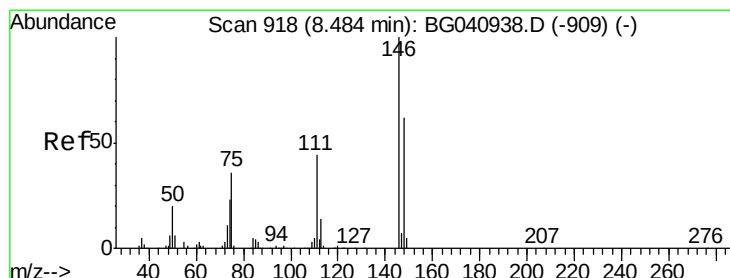
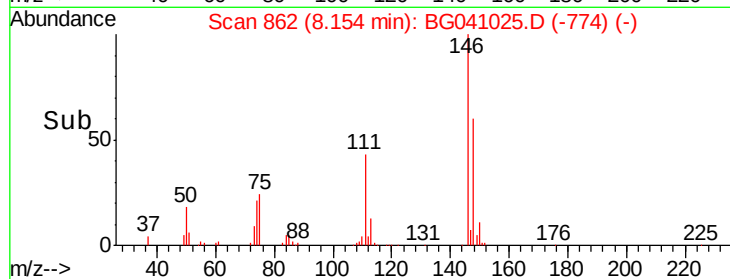
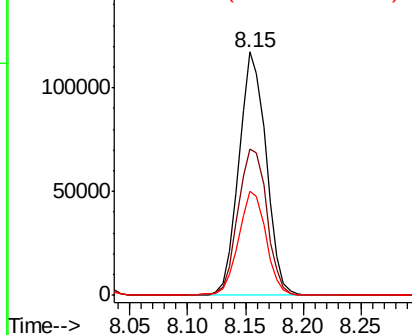


Abundance

Ion 146.00 (145.70 to 146.70): E

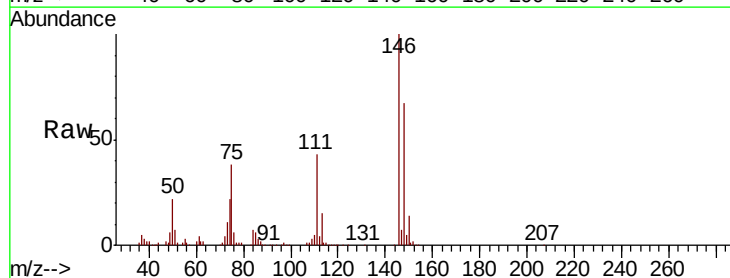
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.671 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	49.8	74.6
111	43.1	35.0	52.4

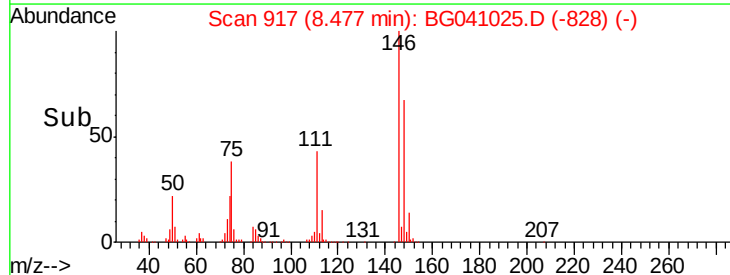
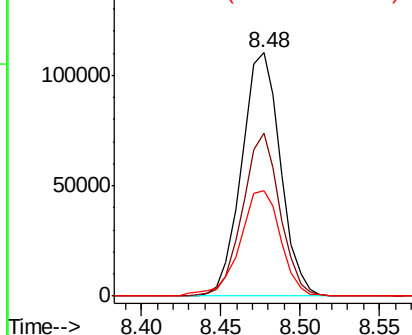


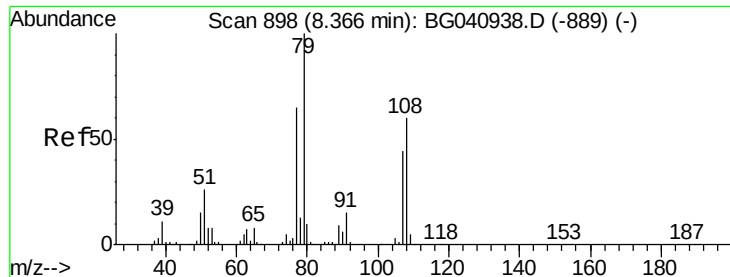
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

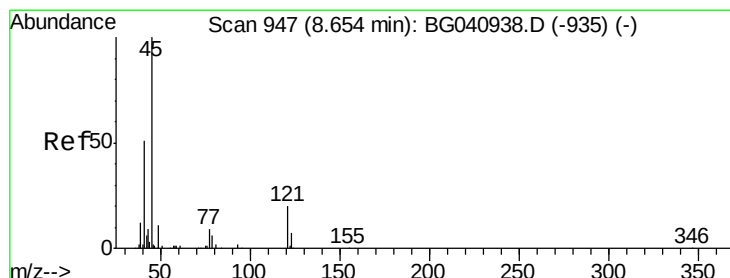
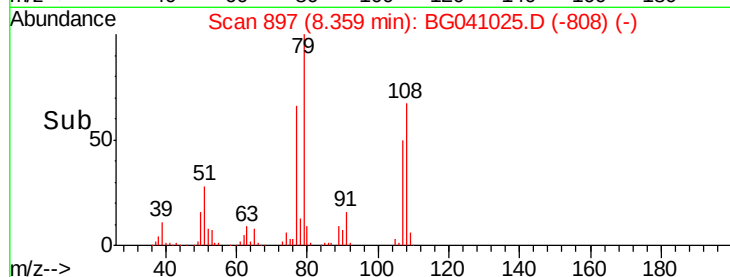
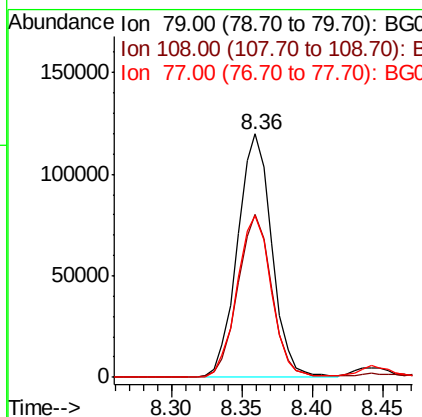
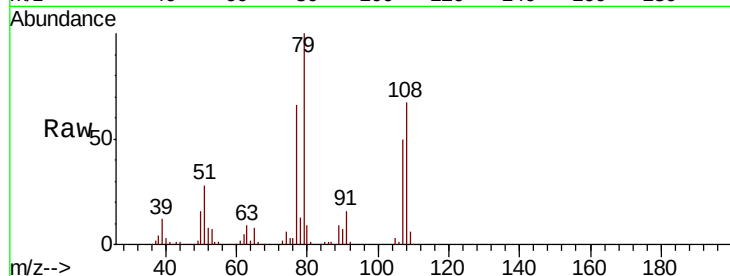




#15
Benzyl Alcohol
Concen: 41.502 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

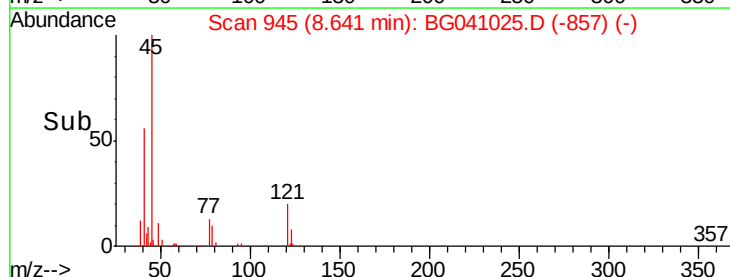
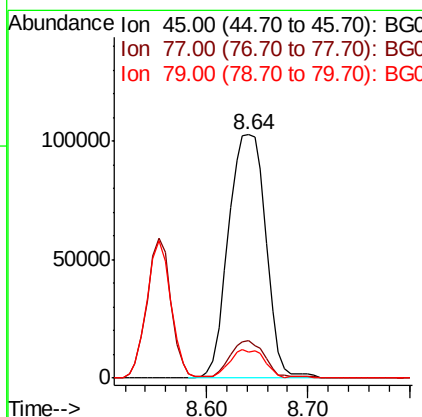
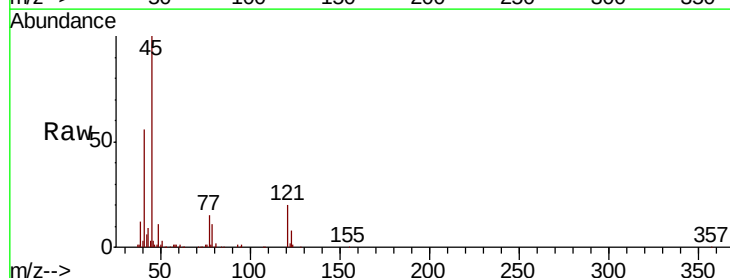
Instrument :
BNA_G
ClientSampled :

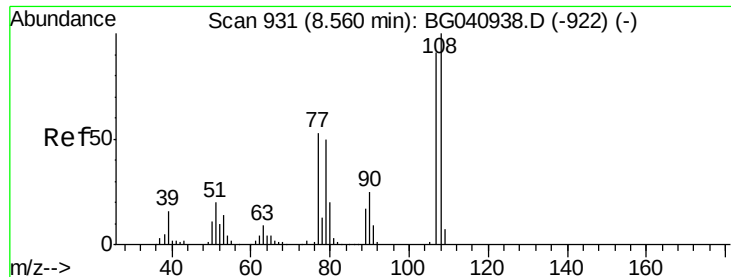
Tot Ion	Ratio	Lower	Upper
79	100		
108	67.0	48.3	72.5
77	66.4	52.3	78.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.893 ng
RT: 8.64 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	33.7
79	10.9	0.0	30.2

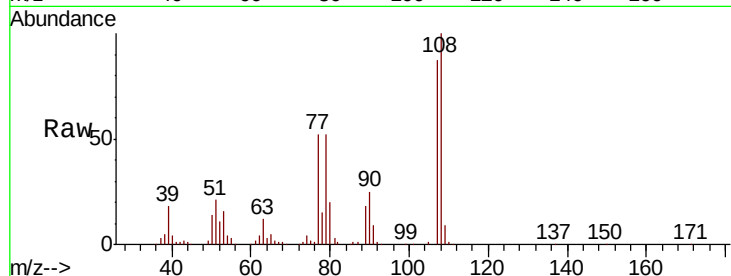




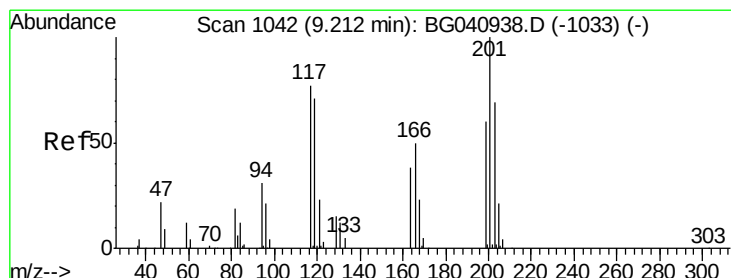
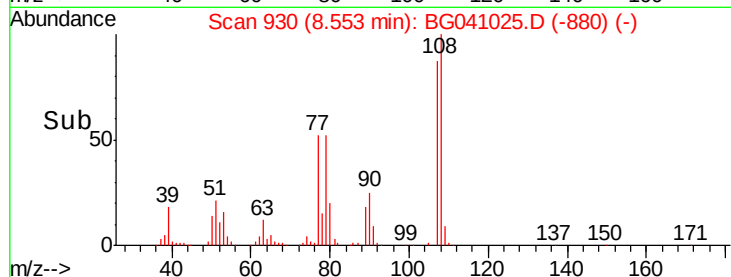
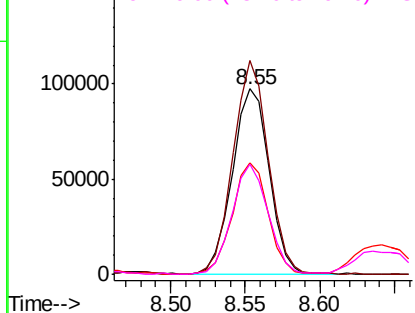
#17
2-Methylphenol
Concen: 40.547 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	167719
Ion	Ratio	Lower	Upper
107	100		
108	115.2	87.7	131.5
77	60.4	46.6	70.0
79	59.5	44.6	66.8

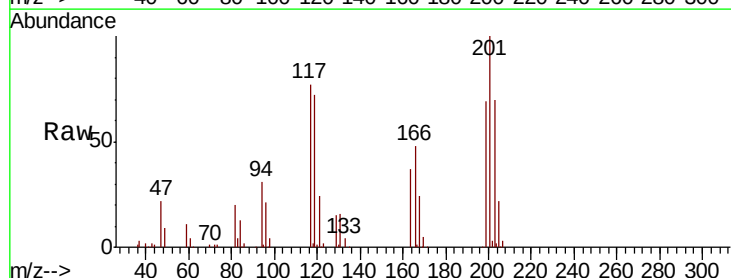


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

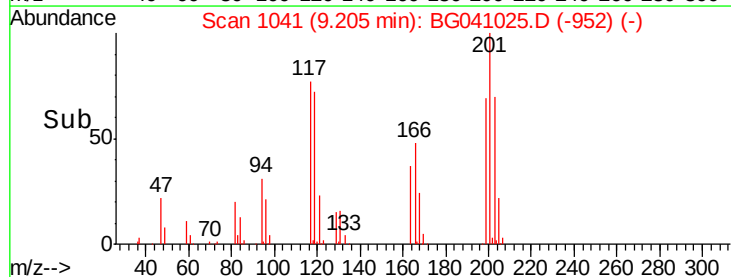
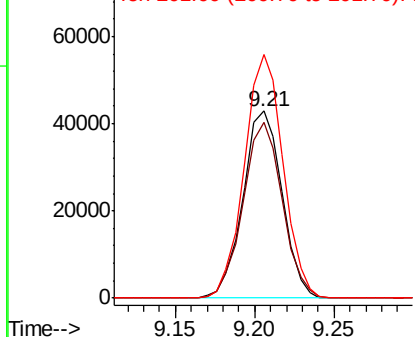


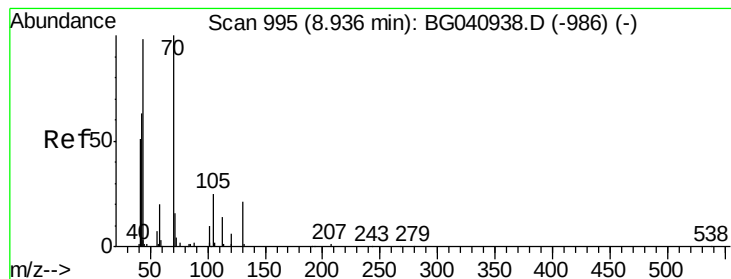
#18
Hexachloroethane
Concen: 38.468 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion:	117	Resp:	73724
Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.6
201	130.1	103.5	155.3



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





#19

n-Nitroso-di-n-propylamine

Concen: 39.193 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 160704

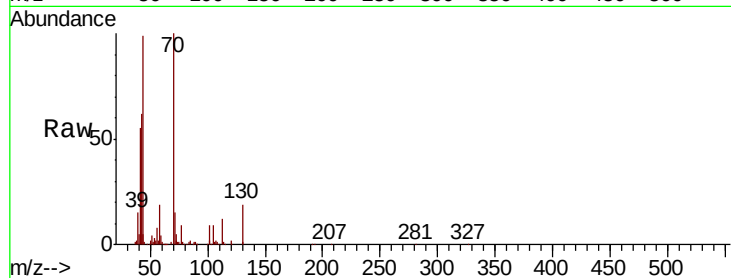
Ion Ratio Lower Upper

70 100

42 62.3 51.5 77.3

101 9.5 8.1 12.1

130 19.4 16.6 24.8



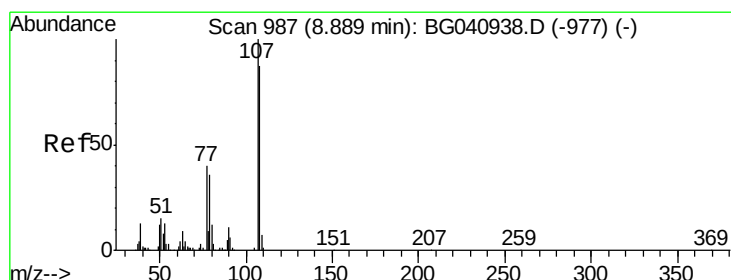
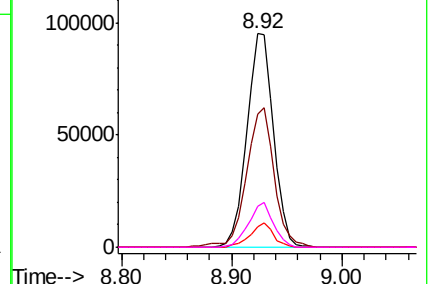
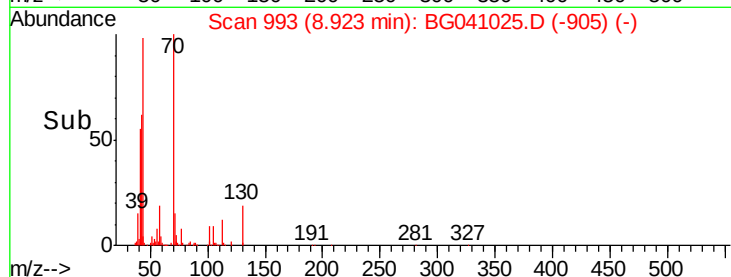
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 40.561 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Tgt Ion:107 Resp: 232403

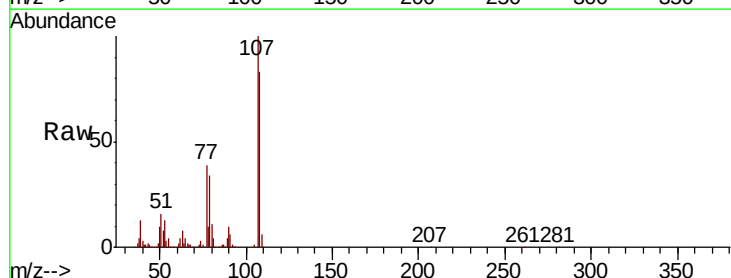
Ion Ratio Lower Upper

107 100

108 82.8 66.8 106.8

77 38.7 20.5 60.5

79 33.7 15.8 55.8



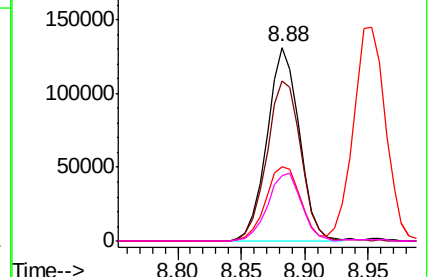
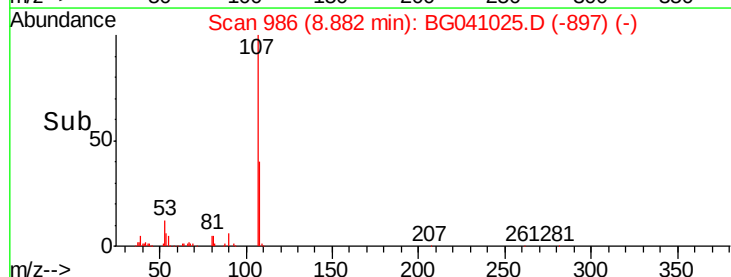
Abundance

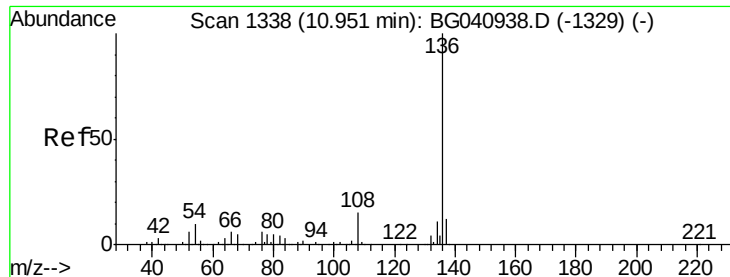
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

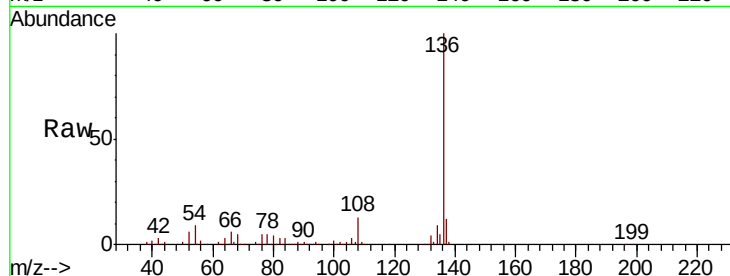




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	244832
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.5 14.3
54	8.6	7.6 11.4
68	5.0	3.9 5.9



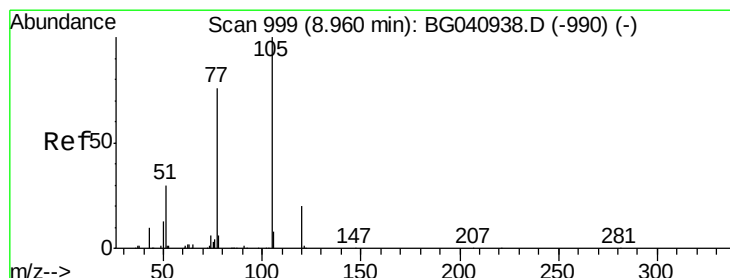
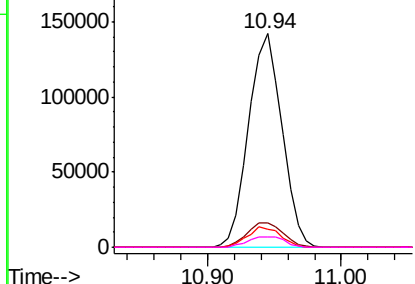
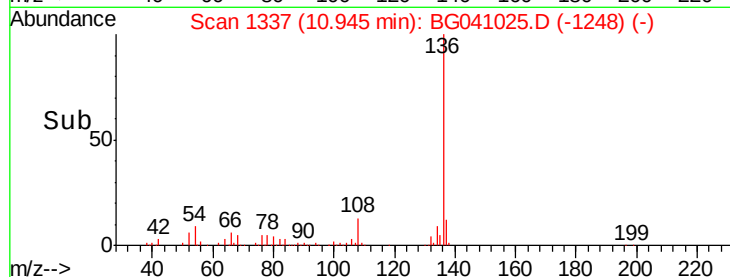
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

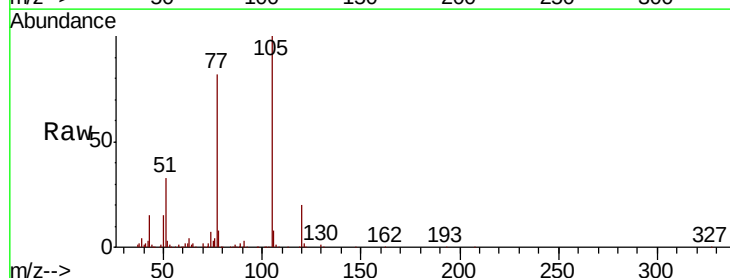
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.207 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion:105	Resp:	303613
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.4 0.6#
51	32.9	27.0 40.6
120	20.4	16.2 24.4



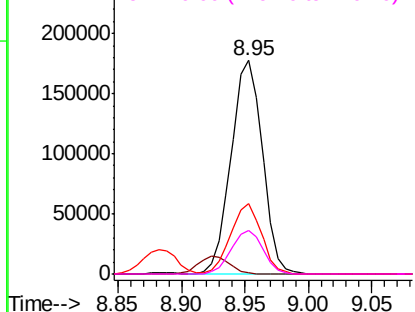
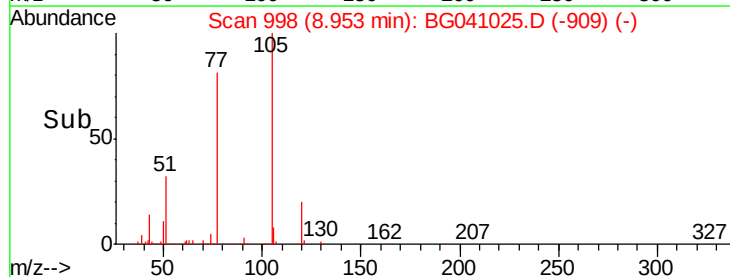
Abundance

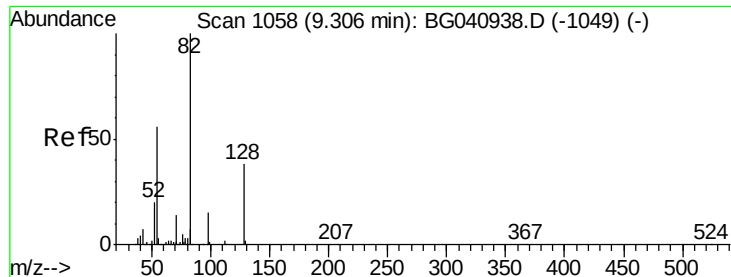
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

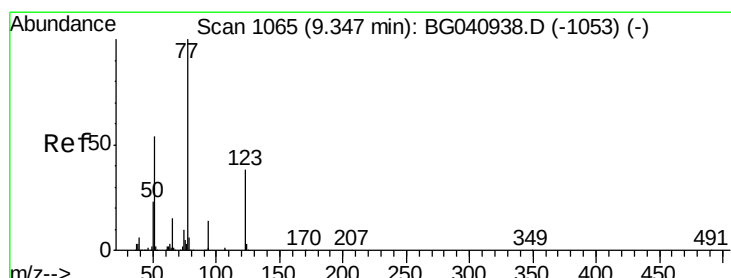
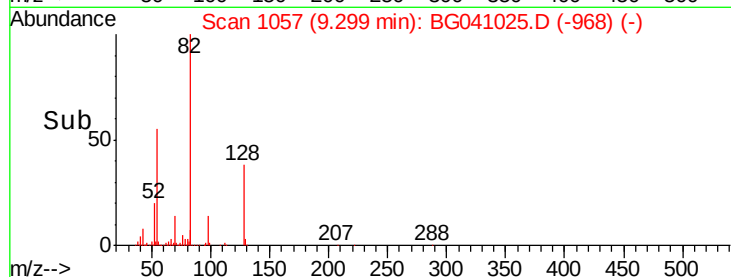
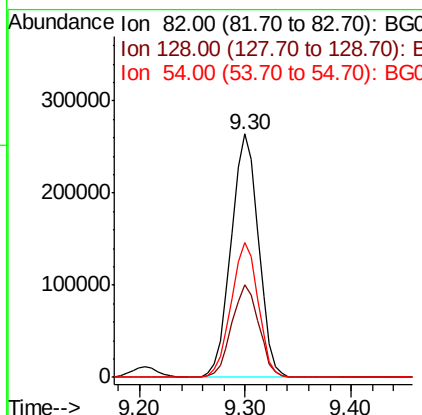
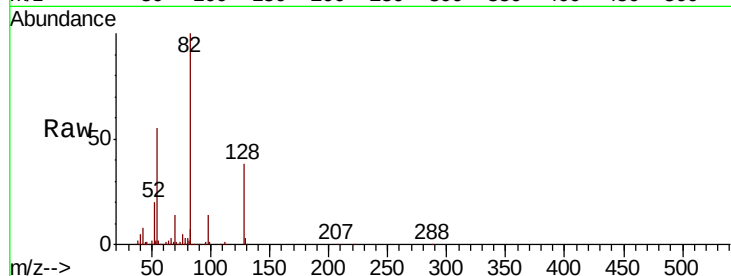




#23
 Nitrobenzene-d5
 Concen: 85.419 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

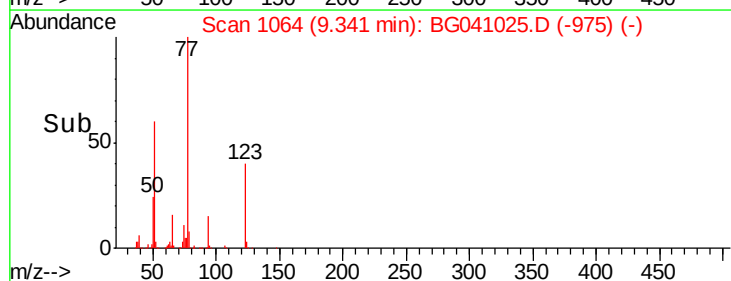
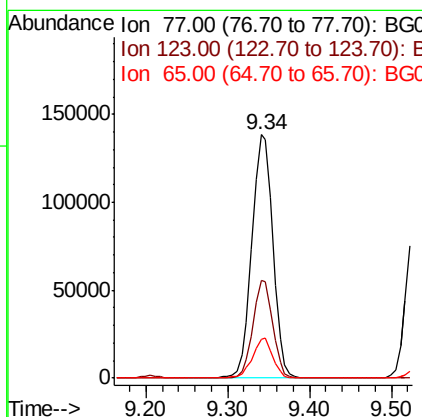
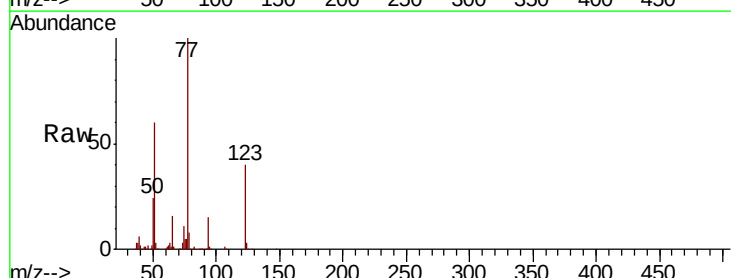
Instrument :
 BNA_G
 ClientSampleId :

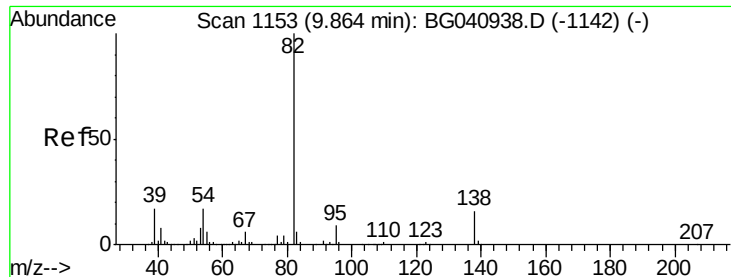
Tot Ion	82	Resp	471086
Ion Ratio	Lower	Upper	
82	100		
128	38.1	30.5	45.7
54	55.1	44.6	66.8



#24
 Nitrobenzene
 Concen: 44.183 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

Tgt Ion	77	Resp	248323
Ion Ratio	Lower	Upper	
77	100		
123	39.9	30.6	46.0
65	16.1	12.3	18.5





#25

Isophorone

Concen: 43.038 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

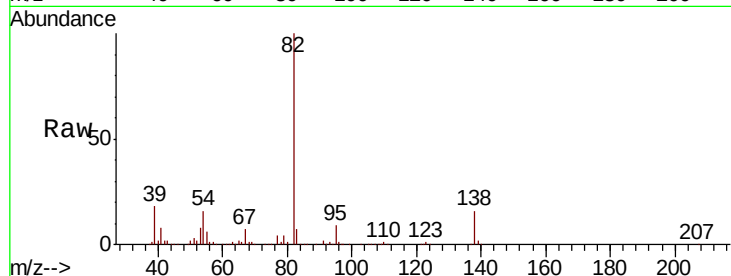
Tot Ion: 82 Resp: 451711

Ion Ratio Lower Upper

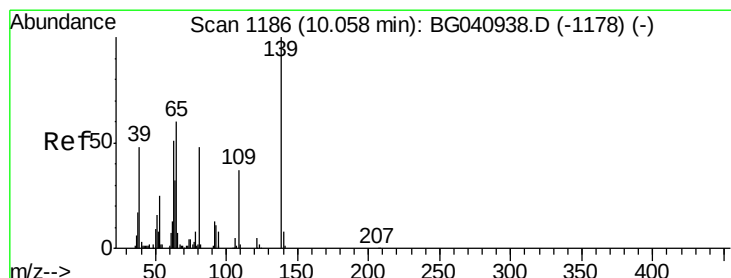
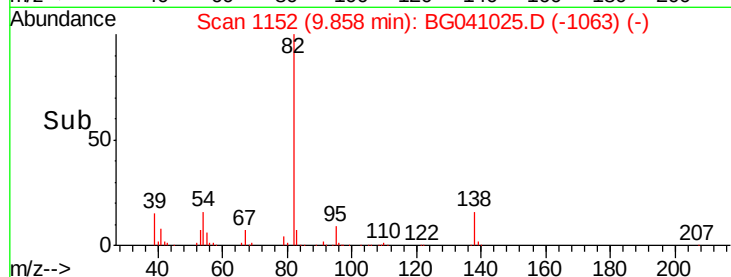
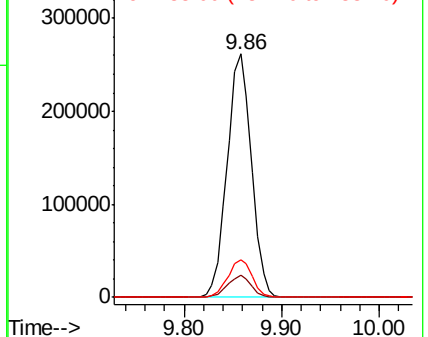
82 100

95 9.0 7.0 10.4

138 15.6 12.6 19.0



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



#26

2-Nitrophenol

Concen: 45.894 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

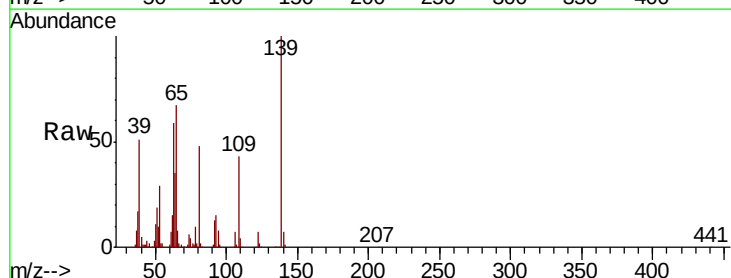
Tgt Ion: 139 Resp: 106336

Ion Ratio Lower Upper

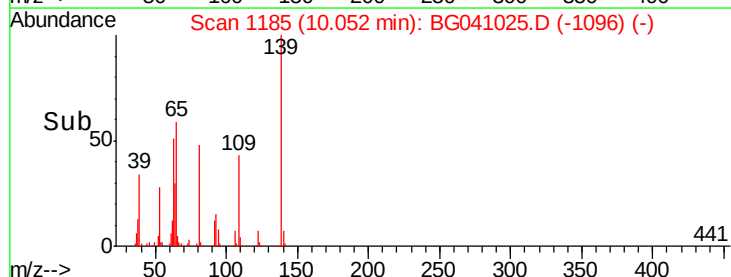
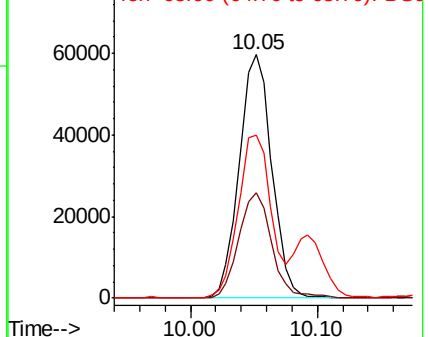
139 100

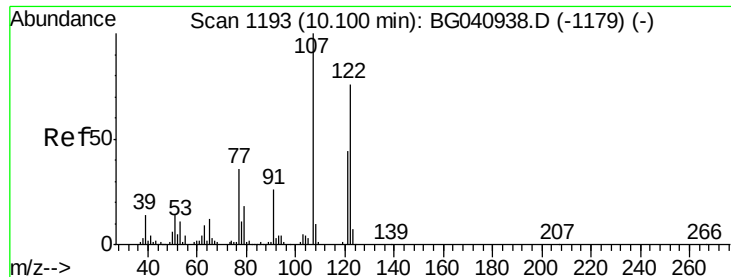
109 43.1 29.8 44.6

65 66.7 47.8 71.6



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





#27

2,4-Dimethylphenol

Concen: 48.427 ng

RT: 10.09 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

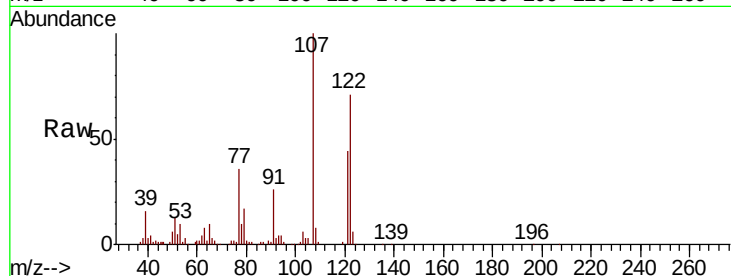
Tot Ion:122 Resp: 185310

Ion Ratio Lower Upper

122 100

107 140.3 105.9 158.9

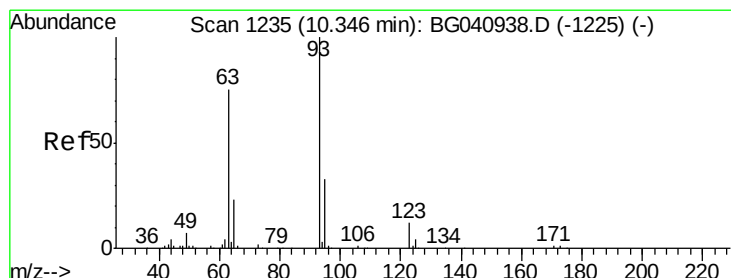
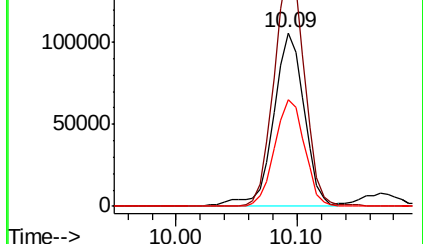
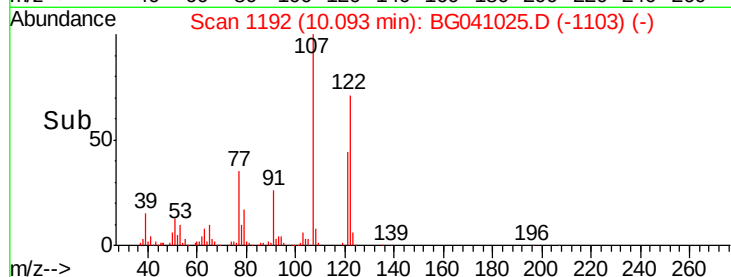
121 61.6 46.2 69.4



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: 42.046 ng

RT: 10.34 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

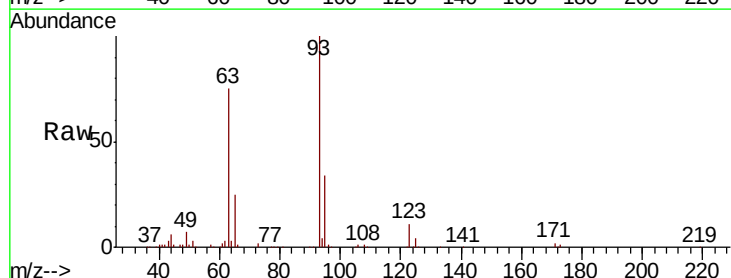
Tgt Ion: 93 Resp: 238177

Ion Ratio Lower Upper

93 100

95 33.8 26.2 39.2

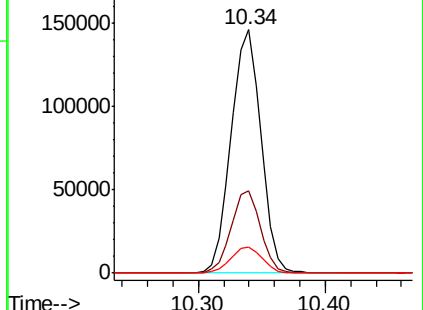
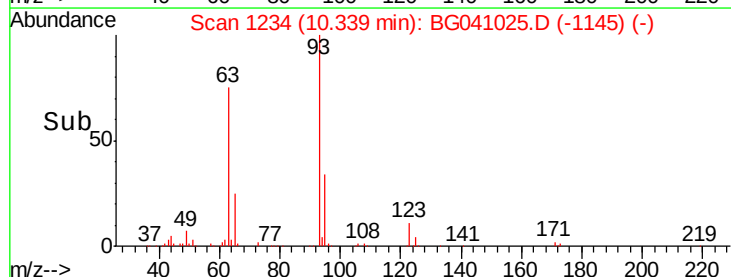
123 10.9 9.5 14.3

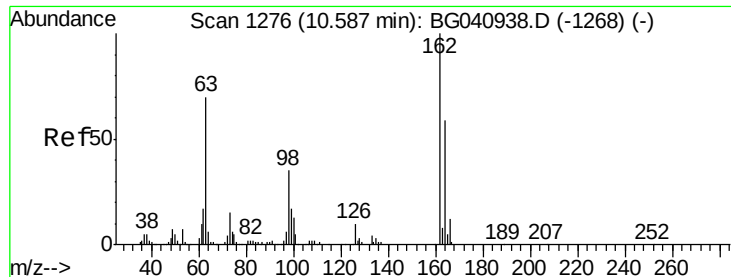


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

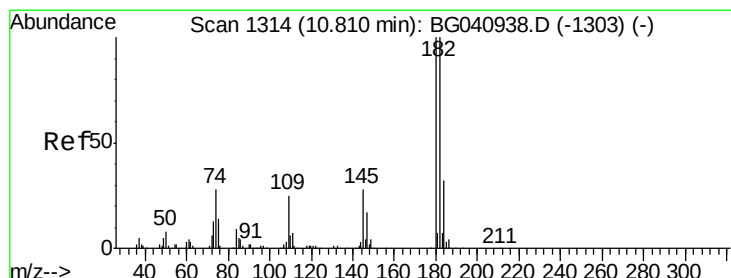
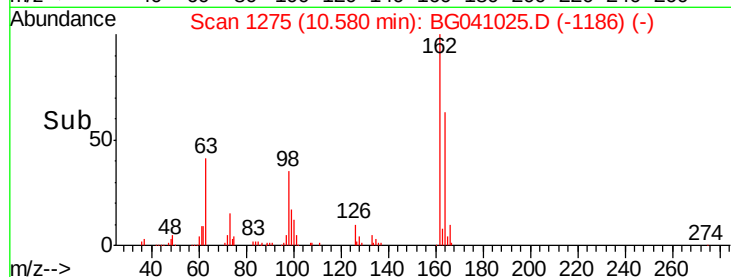
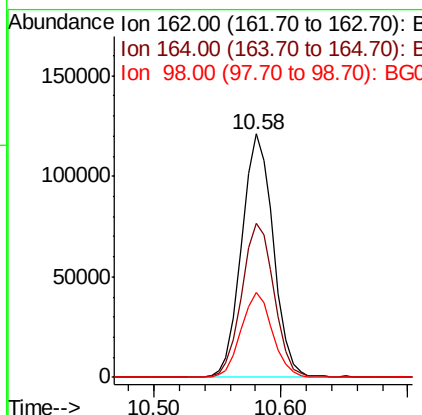
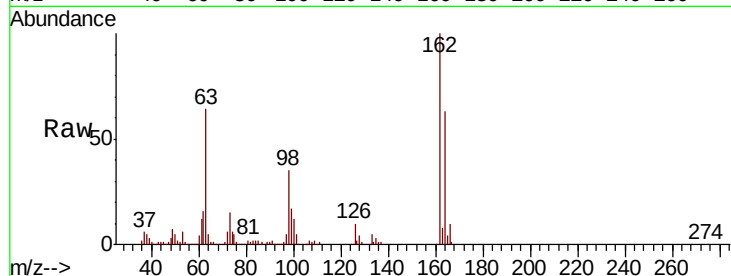




#29
 2,4-Dichlorophenol
 Concen: 43.154 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

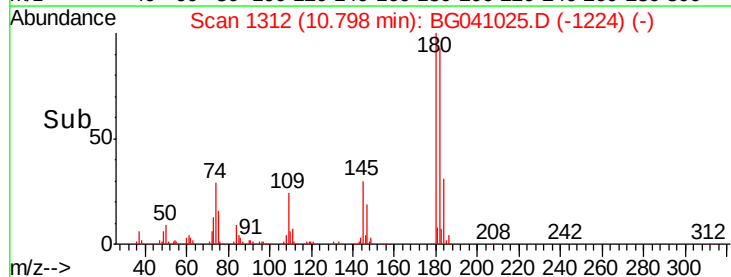
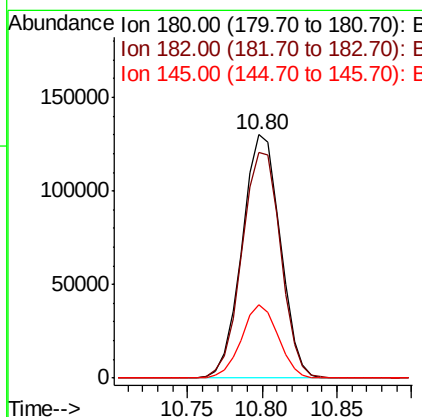
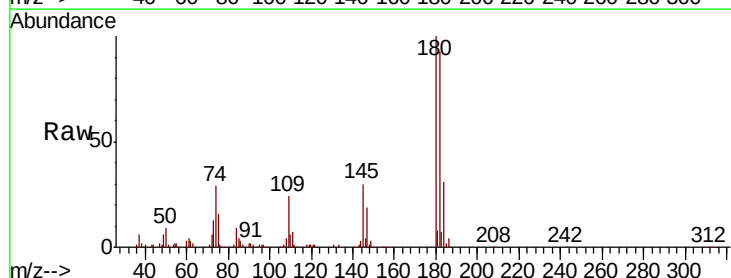
Instrument :
 BNA_G
 ClientSampleId :

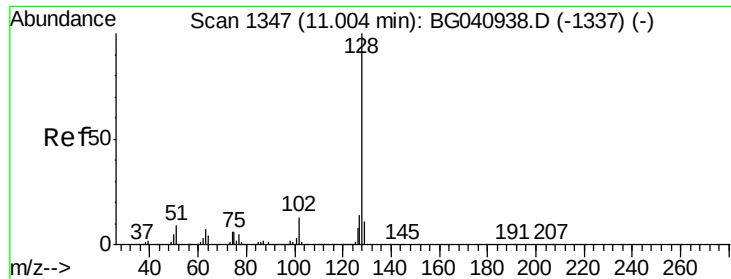
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	39.4	79.4
98	34.9	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.653 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	79.7	119.5
145	30.0	22.6	34.0

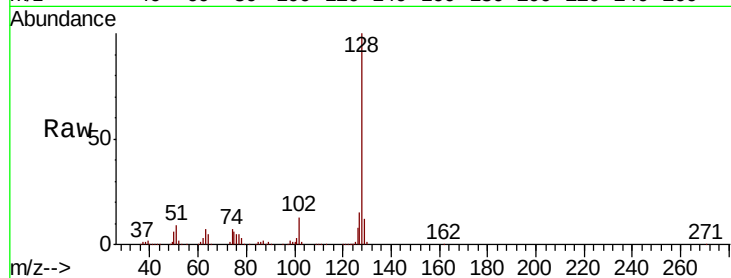




#31
Naphthalene
Concen: 42.860 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.5	12.7
127	14.5	11.4	17.2

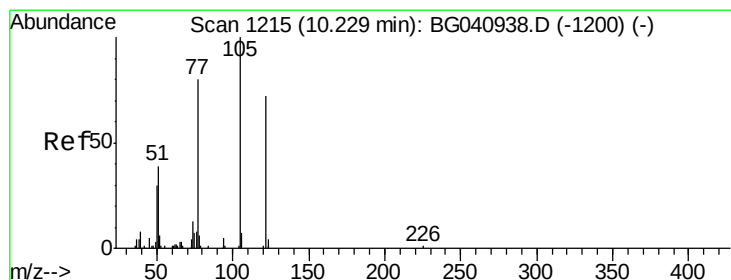
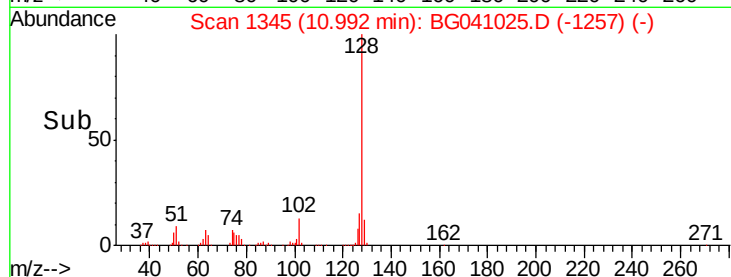
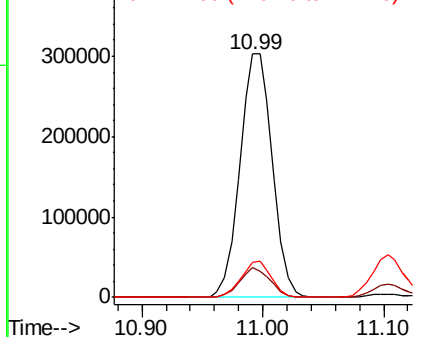


Abundance

Ion 128.00 (127.70 to 128.70): E

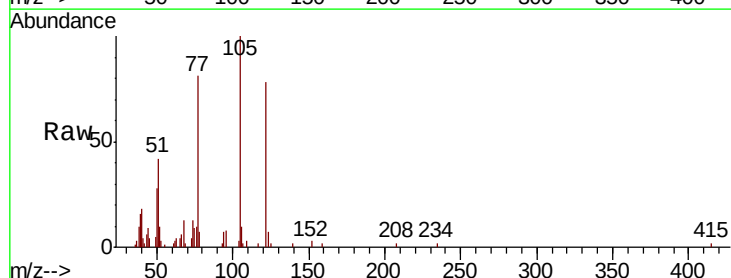
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 12.803 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.06 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	114.8	154.8
77	103.7	89.9	129.9

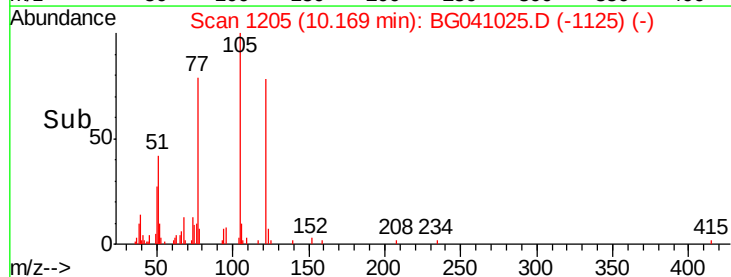
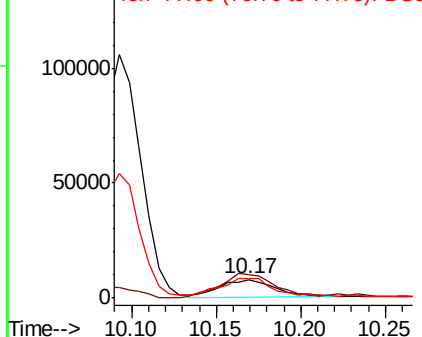


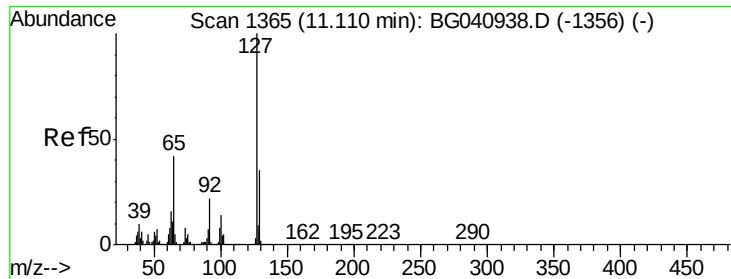
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

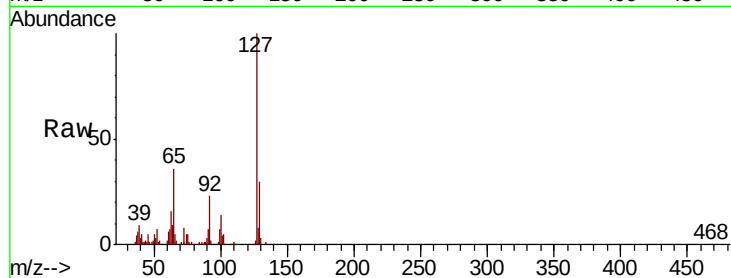




#33
4-Chloroaniline
Concen: 16.550 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	100940
Ion	Ratio	Lower	Upper
127	100		
129	29.6	27.7	41.5
65	36.4	33.2	49.8
92	22.8	17.2	25.8



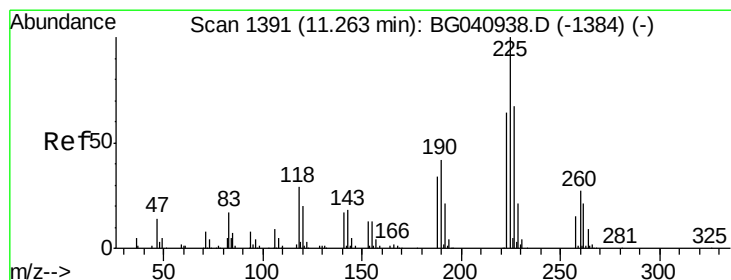
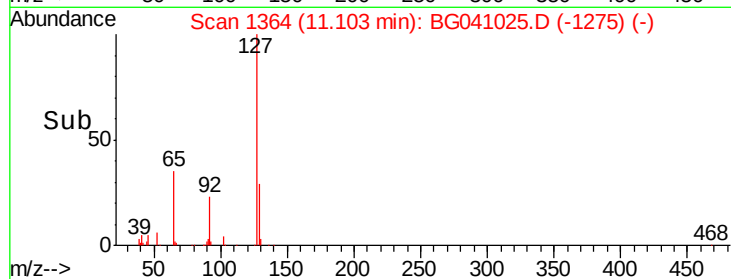
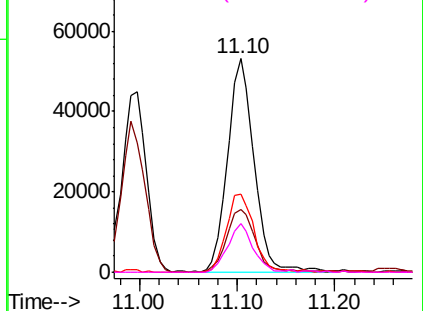
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

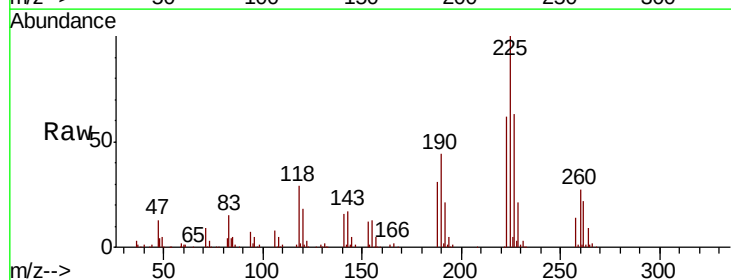
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 39.441 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion:	225	Resp:	166825
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	66.2	51.4	77.0

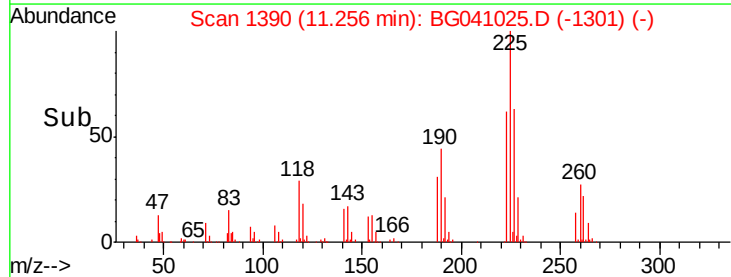
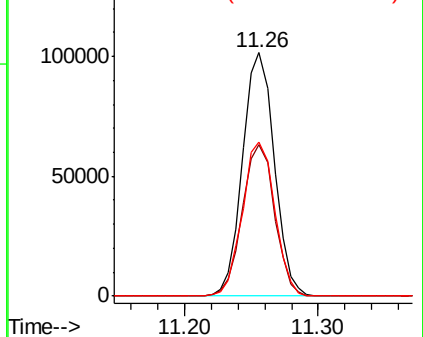


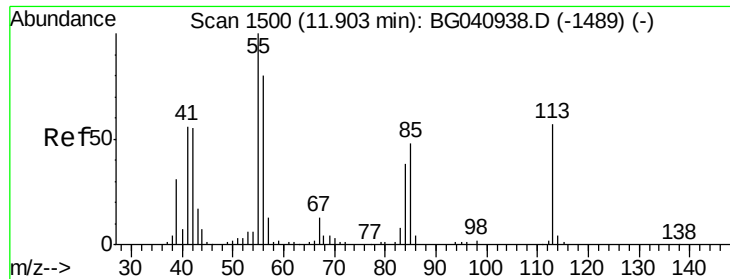
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.212 ng

RT: 11.88 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

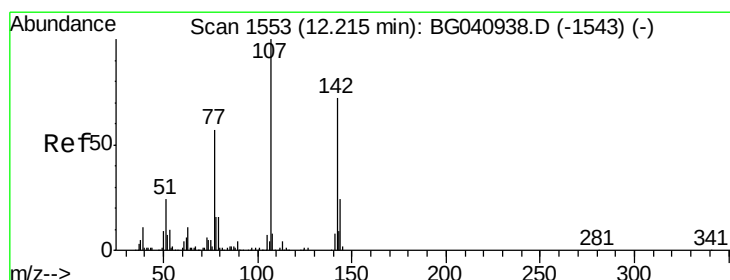
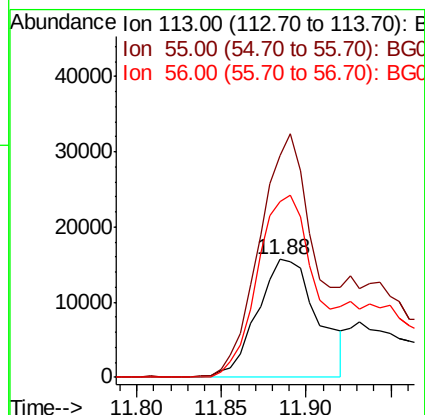
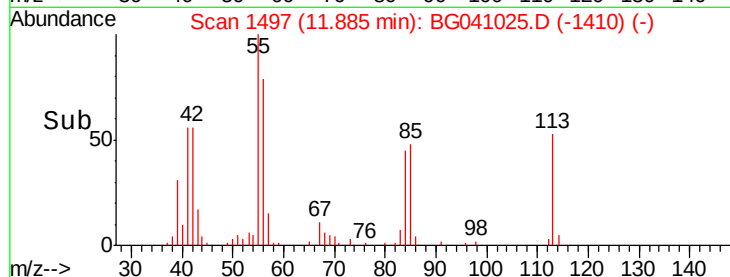
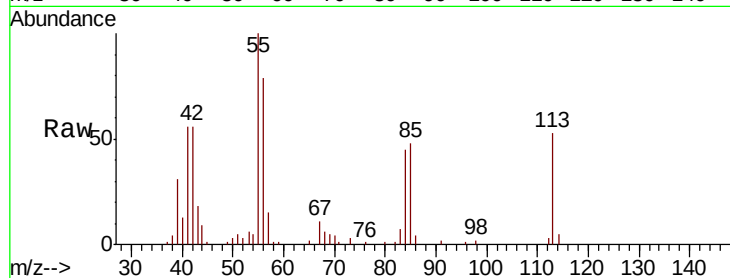
Tot Ion:113 Resp: 38853

Ion Ratio Lower Upper

113 100

55 187.8 155.9 195.9

56 149.3 119.9 159.9



#36

4-Chloro-3-methylphenol

Concen: 42.745 ng

RT: 12.21 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

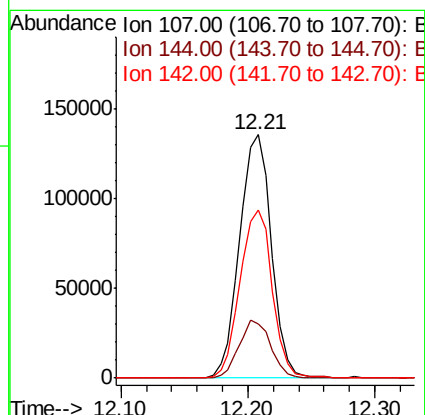
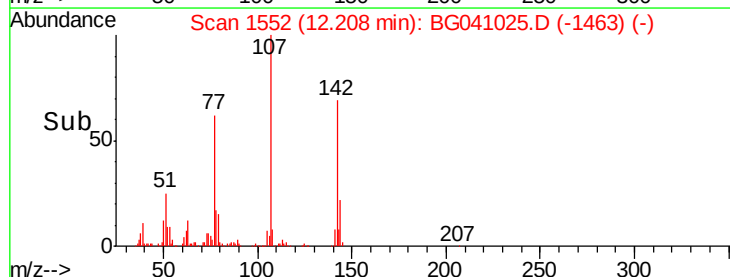
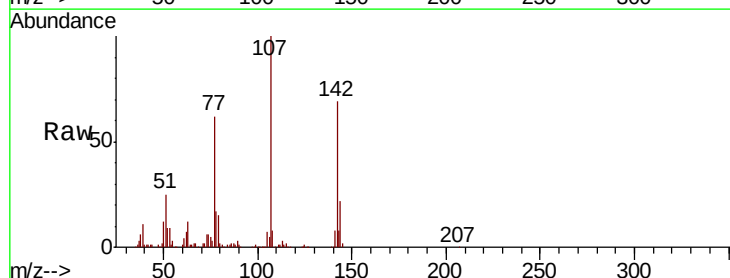
Tgt Ion:107 Resp: 237223

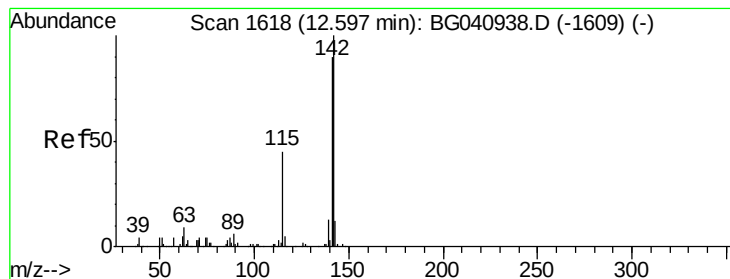
Ion Ratio Lower Upper

107 100

144 22.5 19.4 29.0

142 69.2 57.3 85.9





#37

2-Methylnaphthalene

Concen: 41.590 ng

RT: 12.59 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

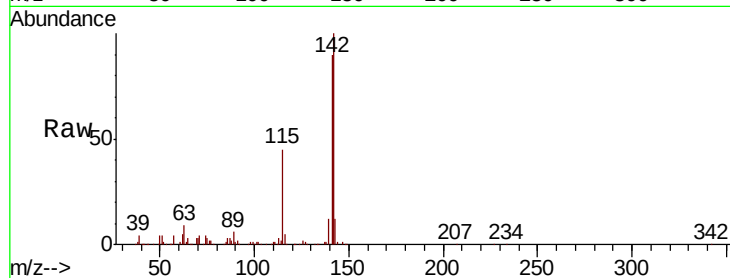
Tot Ion:142 Resp: 421064

Ion Ratio Lower Upper

142 100

141 89.6 72.2 108.4

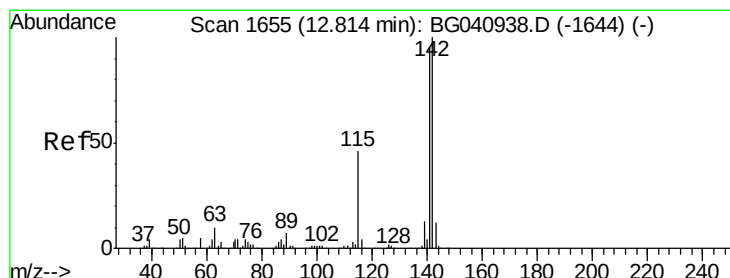
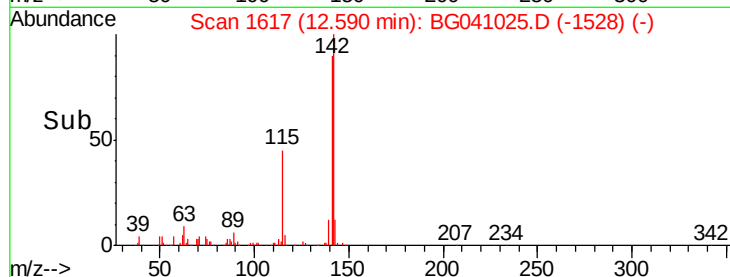
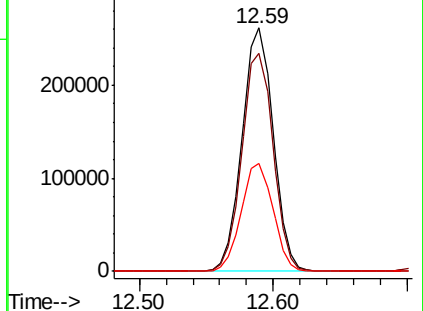
115 44.6 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.852 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

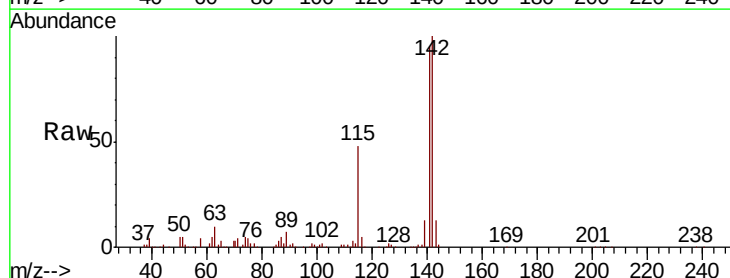
Tgt Ion:142 Resp: 399289

Ion Ratio Lower Upper

142 100

141 94.7 75.7 113.5

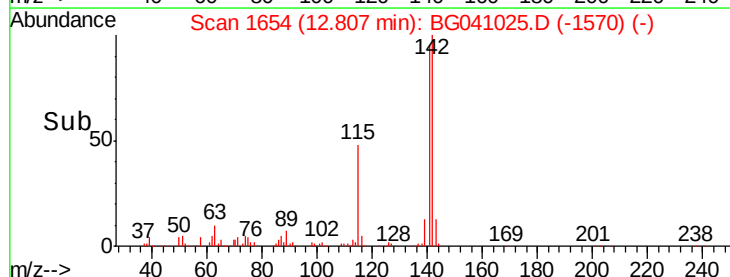
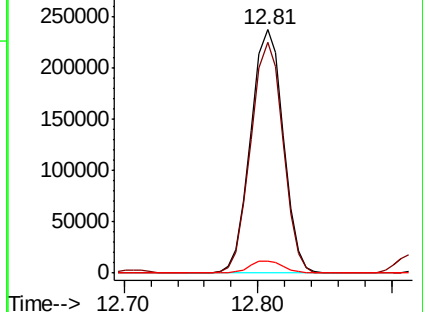
116 5.1 3.4 5.2

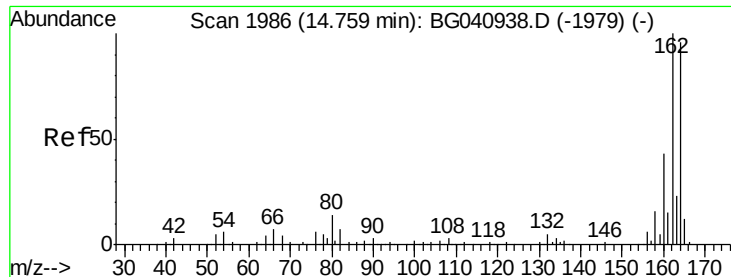


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

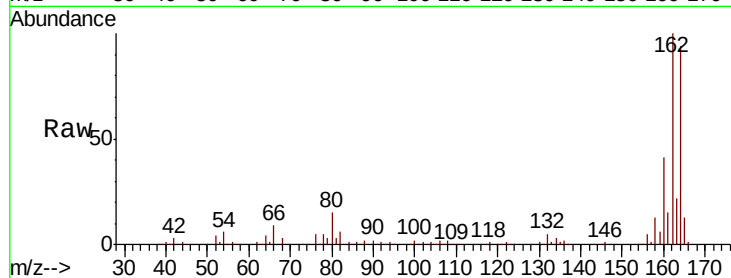
Tot Ion:164 Resp: 175957

Ion Ratio Lower Upper

164 100

162 106.3 83.0 124.4

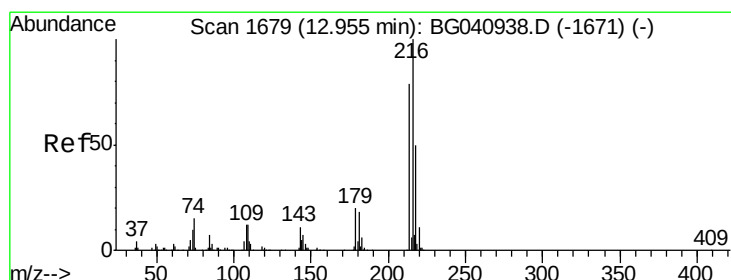
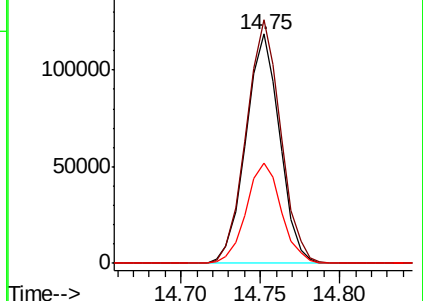
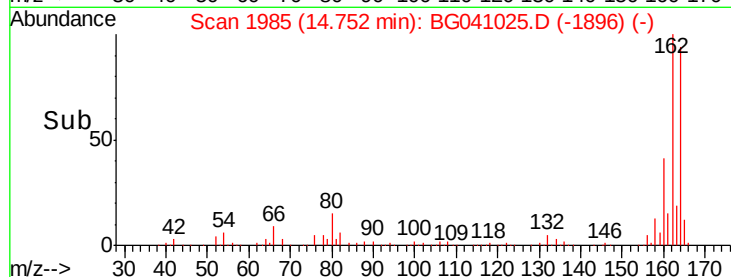
160 43.9 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.117 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Tgt Ion:216 Resp: 305787

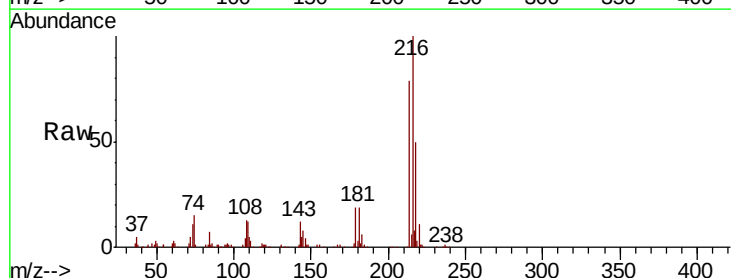
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 19.1 15.2 22.8

108 16.4 11.4 17.2

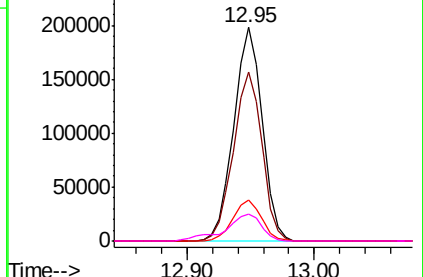
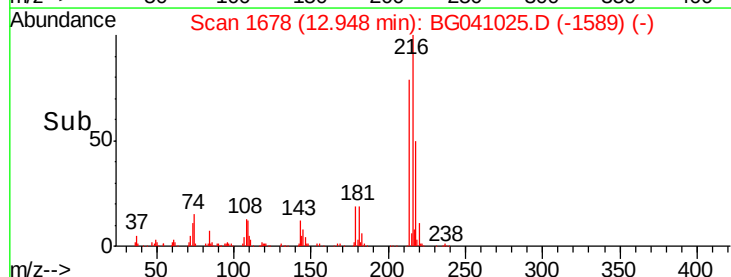


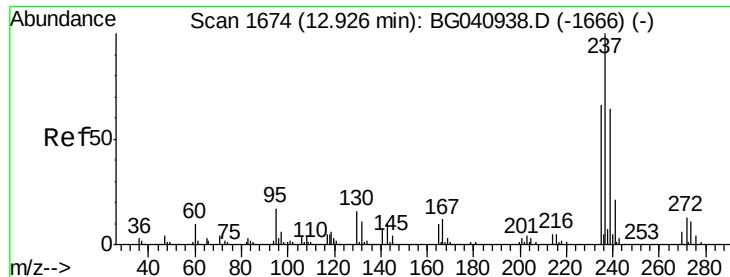
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.696 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampled :

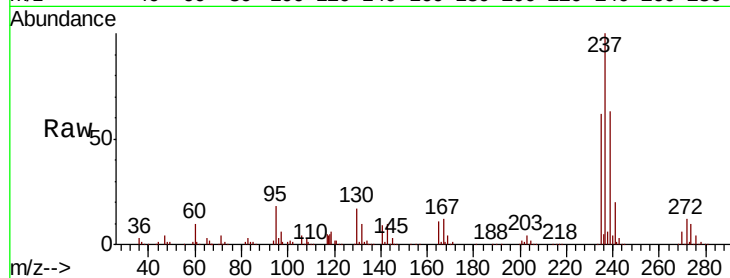
Tot Ion:237 Resp: 303691

Ion Ratio Lower Upper

237 100

235 61.6 45.5 85.5

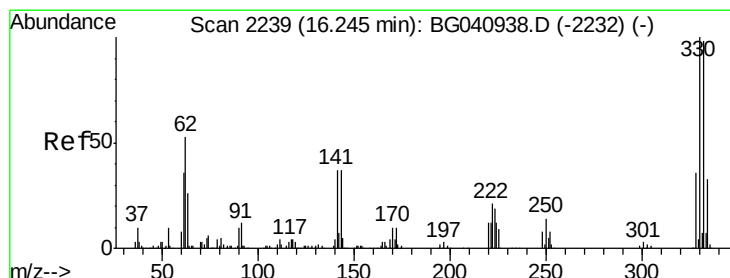
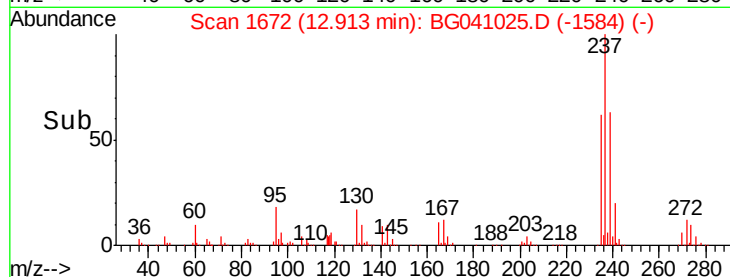
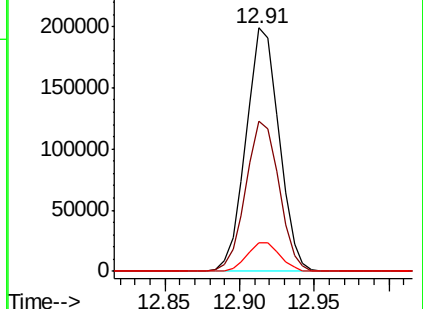
272 11.6 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.184 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

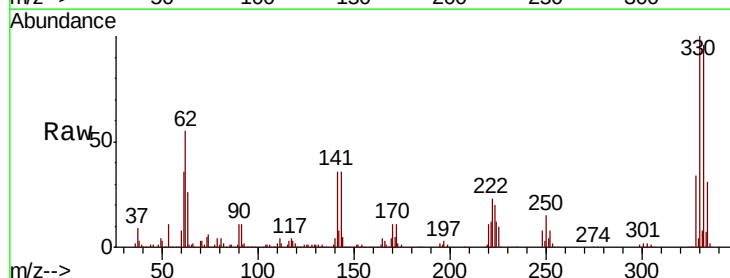
Tgt Ion:330 Resp: 350516

Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

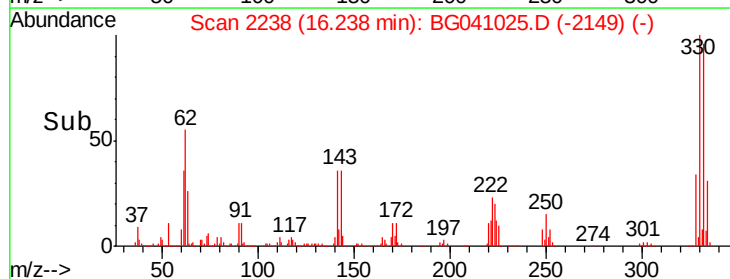
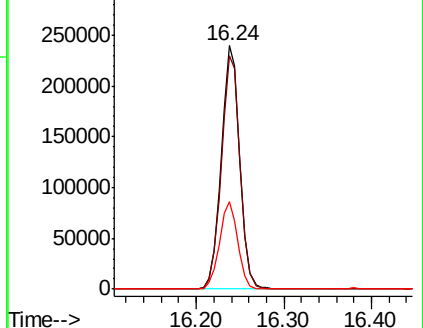
141 35.5 28.7 43.1

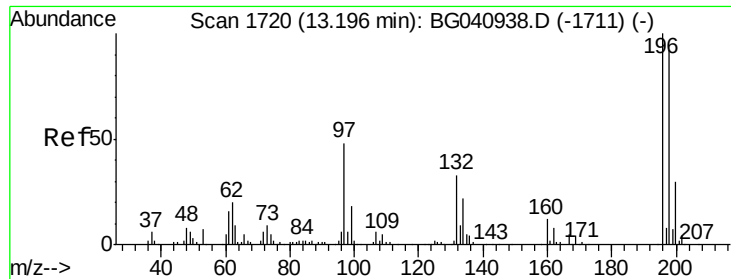


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

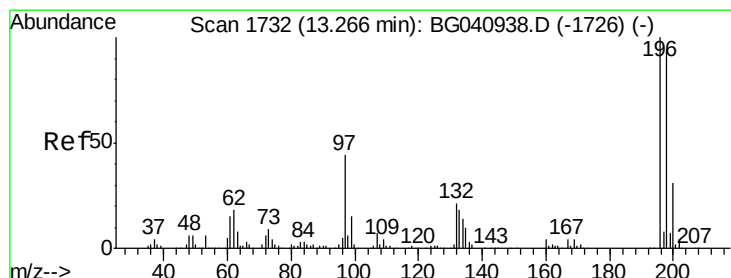
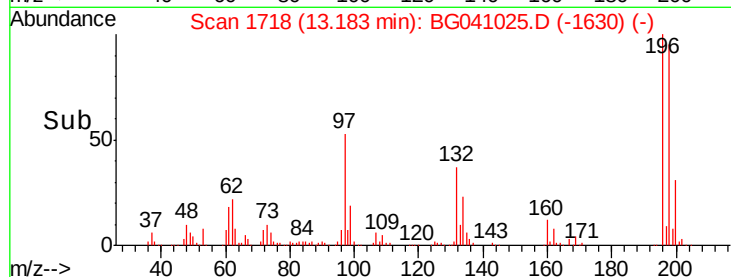
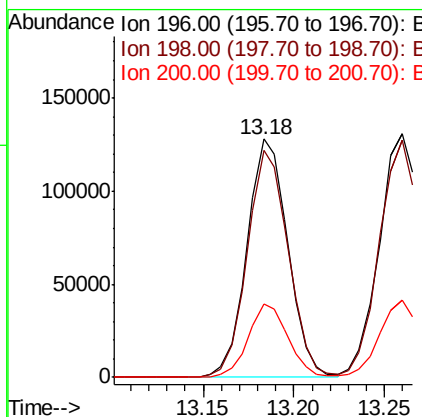
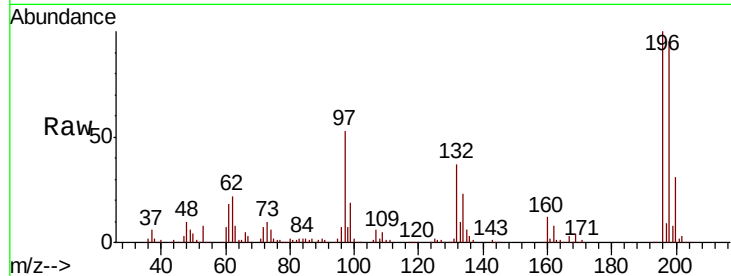




#43
 2,4,6-Trichlorophenol
 Concen: 43.733 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

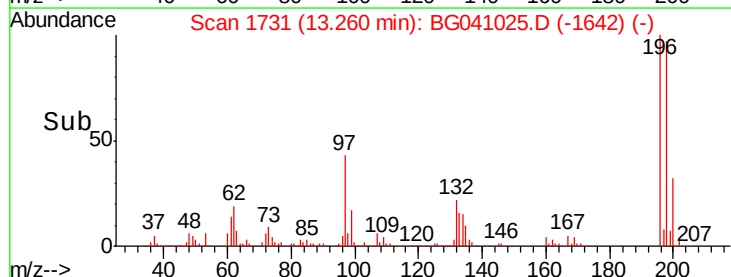
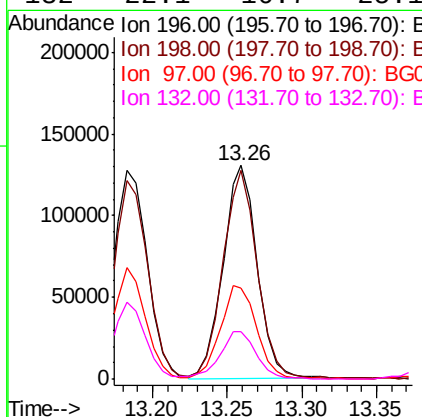
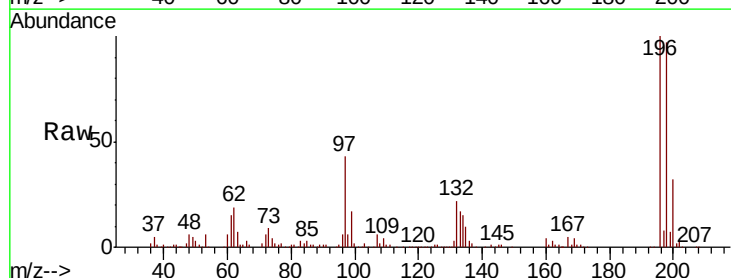
Instrument :
 BNA_G
 ClientSampled :

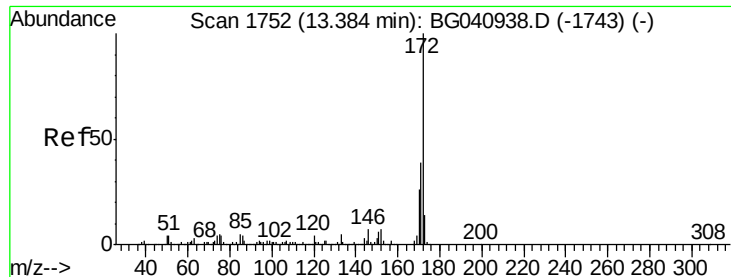
Tot Ion:196 Resp: 200644
 Ion Ratio Lower Upper
 196 100
 198 95.2 73.8 110.6
 200 30.7 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.310 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

Tgt Ion:196 Resp: 209558
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.1 112.7
 97 42.8 35.6 53.4
 132 22.1 16.7 25.1

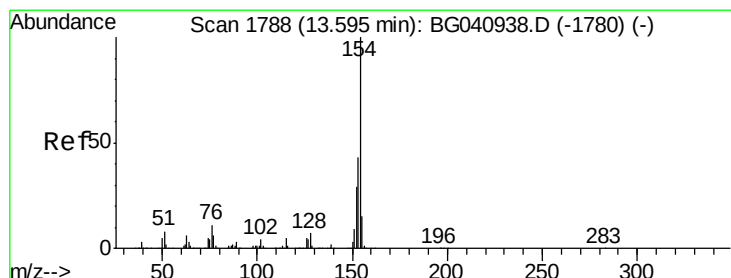
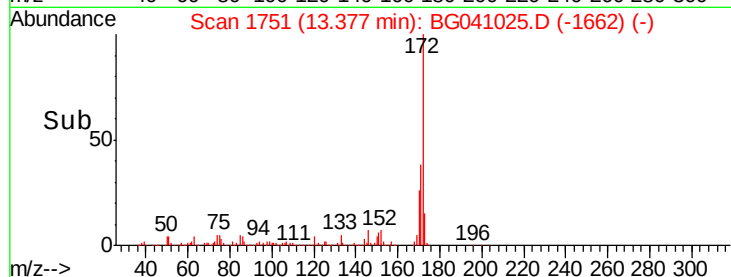
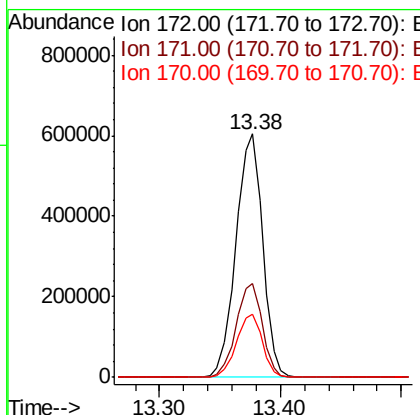
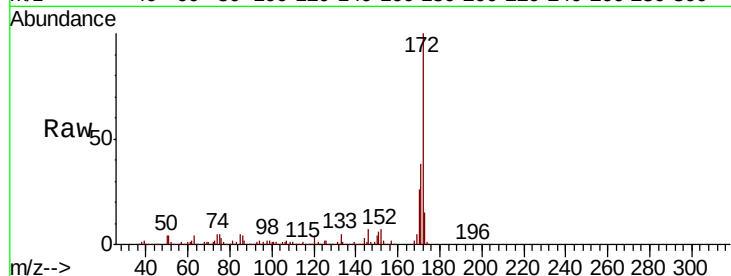




#45
2-Fluorobiphenyl
Concen: 76.229 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

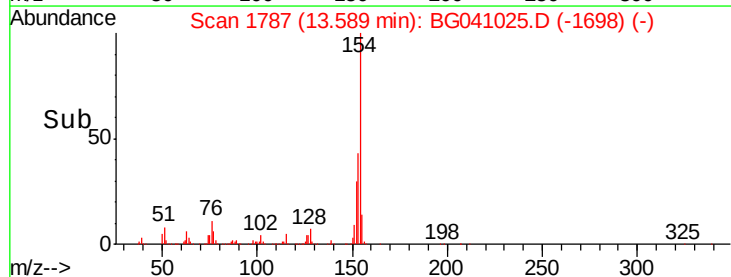
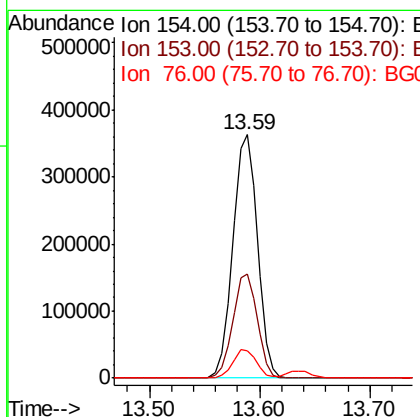
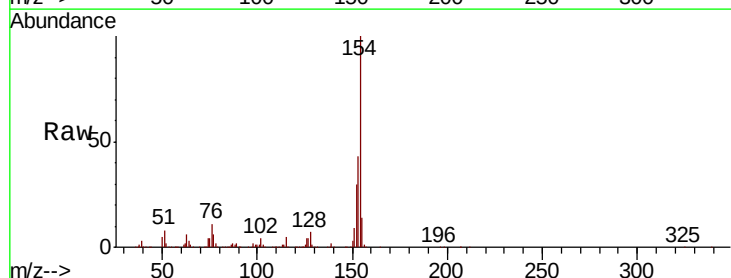
Instrument :
BNA_G
ClientSampleId :

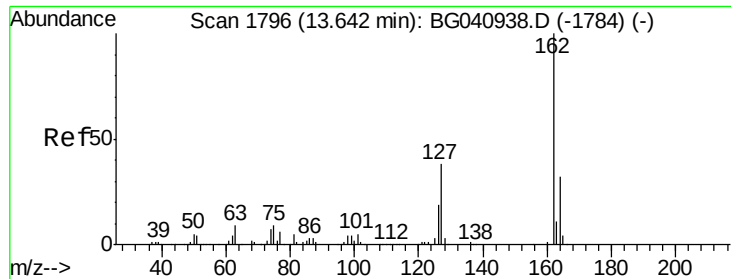
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.1	46.7
170	26.0	20.5	30.7



#46
1,1'-Biphenyl
Concen: 43.565 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	23.3	63.3
76	11.3	0.0	31.1

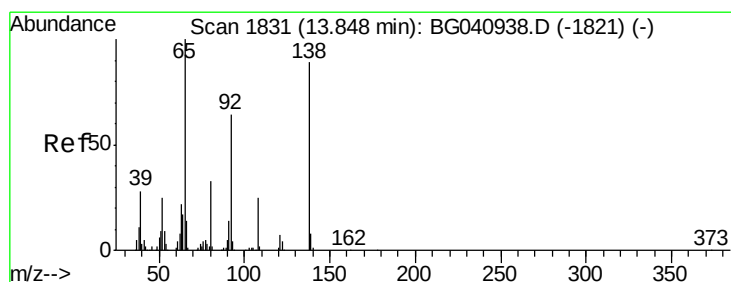
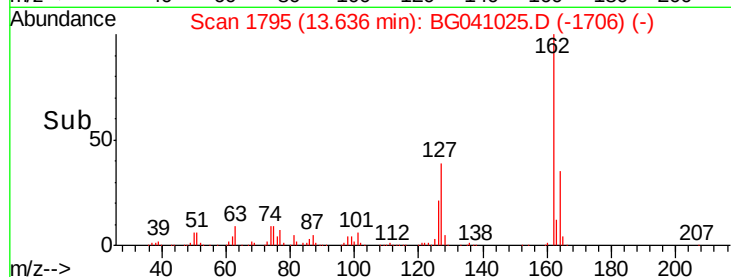
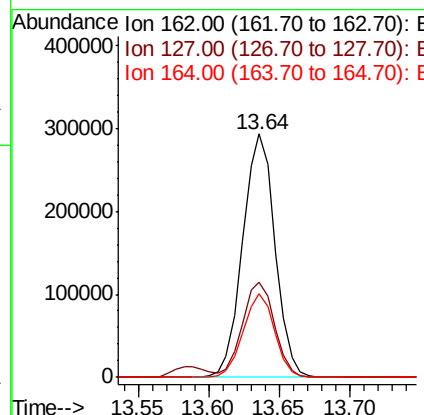
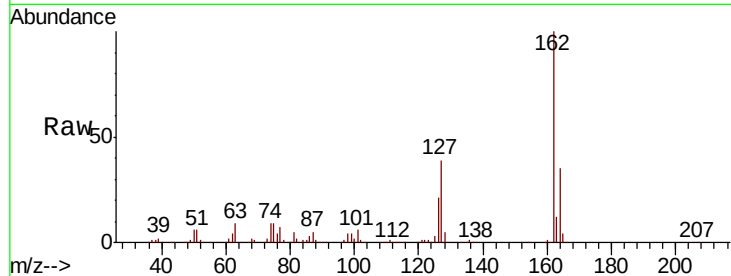




#47
 2-Chloronaphthalene
 Concen: 41.900 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

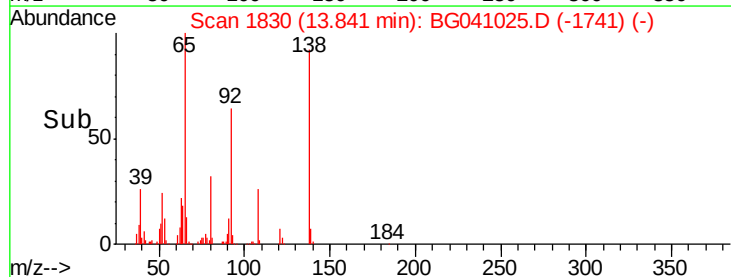
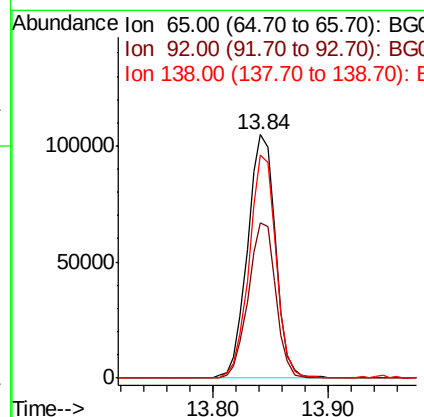
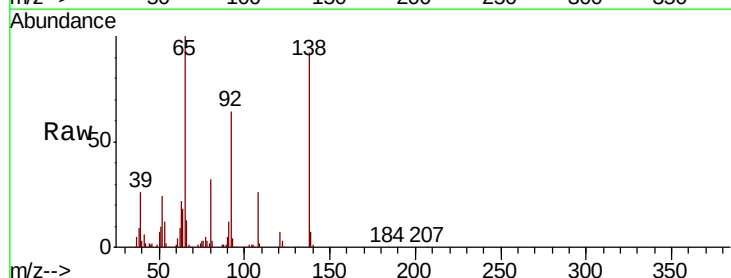
Instrument :
 BNA_G
 ClientSampleId :

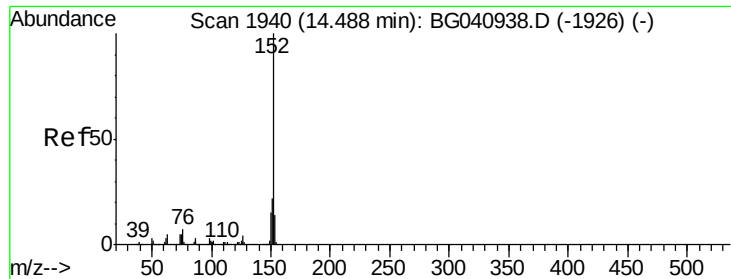
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.5	45.7
164	34.6	25.8	38.6



#48
 2-Nitroaniline
 Concen: 43.891 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	51.0	76.6
138	91.6	71.2	106.8





#49

Acenaphthylene

Concen: 43.266 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

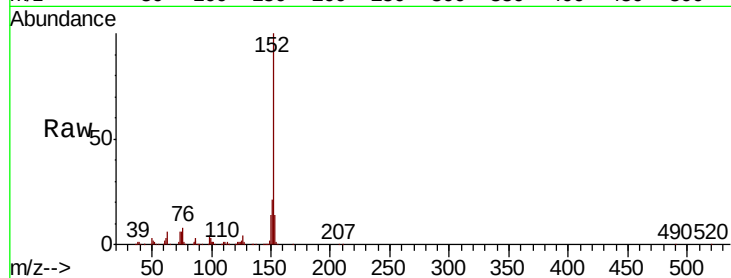
Tot Ion:152 Resp: 728118

Ion Ratio Lower Upper

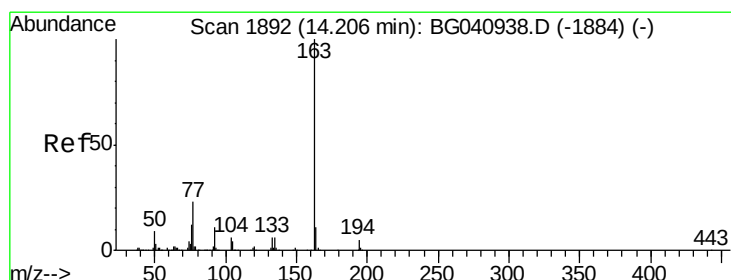
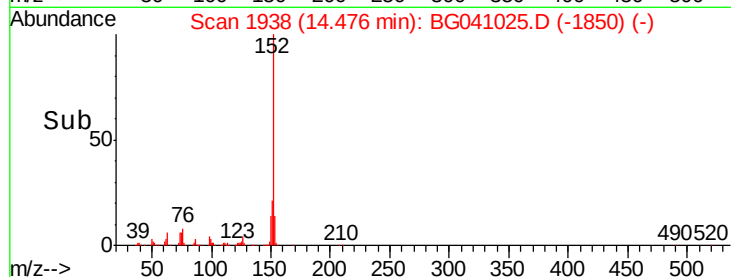
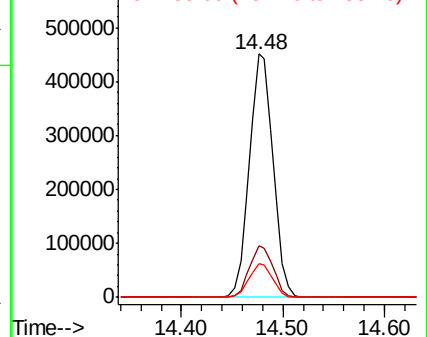
152 100

151 21.0 17.4 26.0

153 13.8 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.274 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

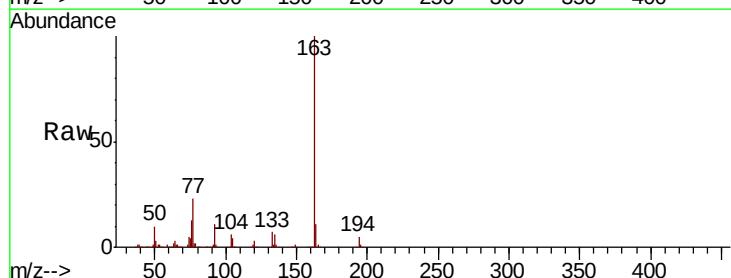
Tgt Ion:163 Resp: 793513

Ion Ratio Lower Upper

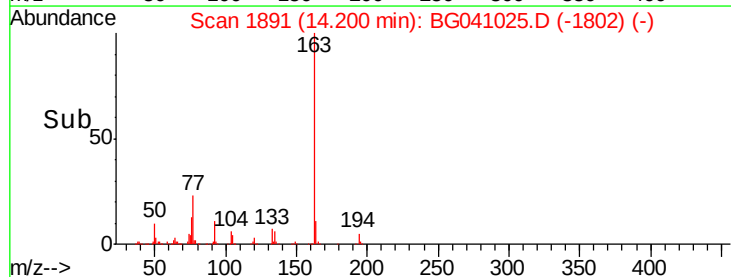
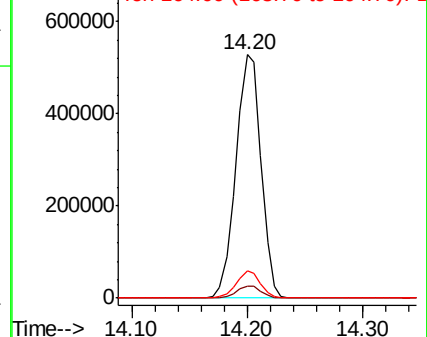
163 100

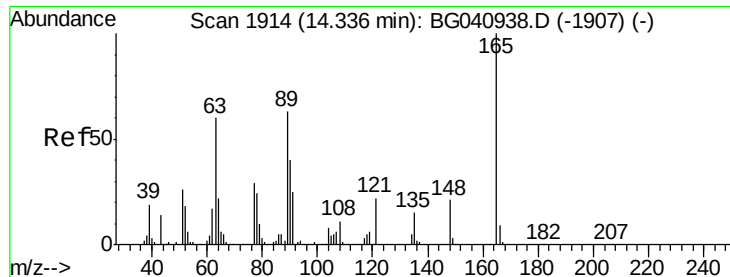
194 5.0 3.8 5.8

164 11.0 8.7 13.1



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

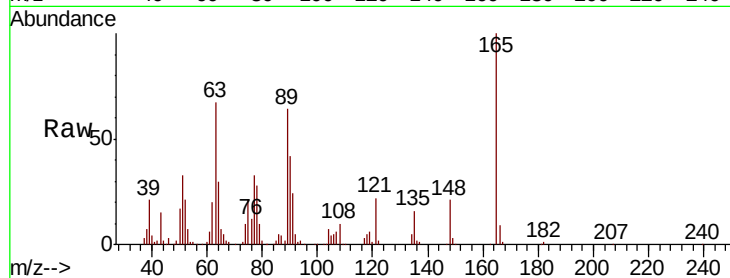




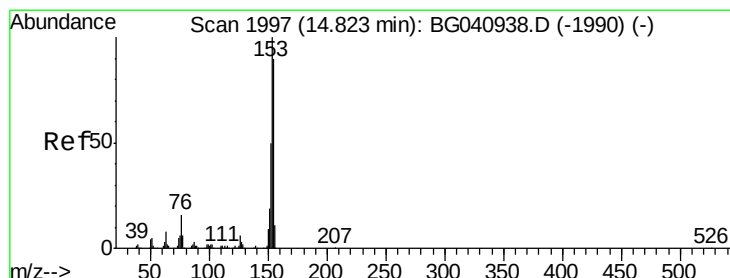
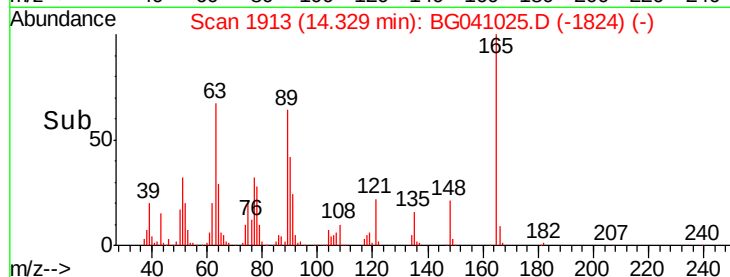
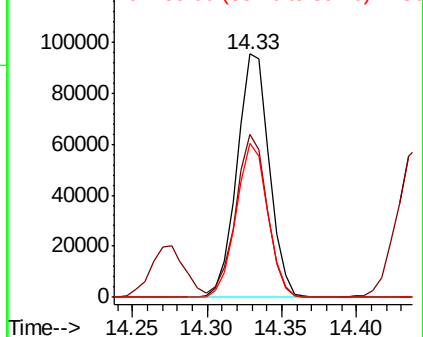
#51
2,6-Dinitrotoluene
Concen: 44.569 ng
RT: 14.33 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 143133
Ion Ratio Lower Upper
165 100
63 66.9 53.6 80.4
89 63.5 50.4 75.6

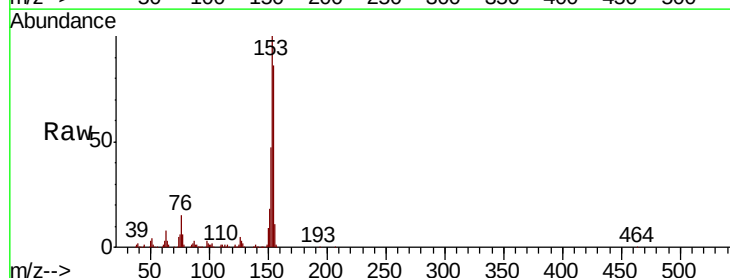


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

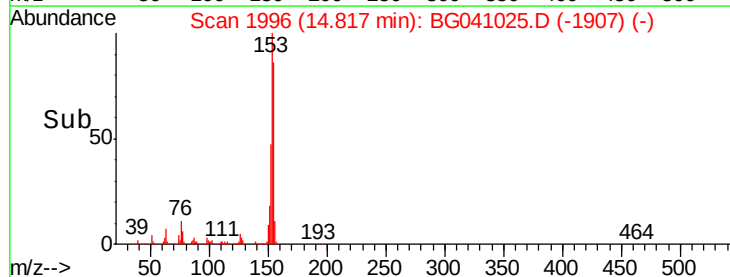
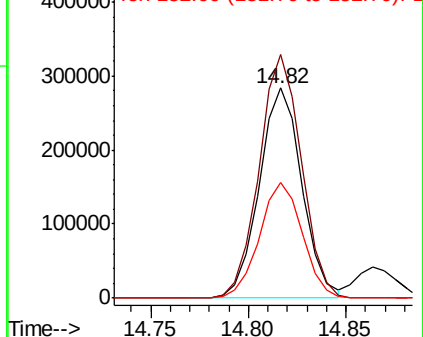


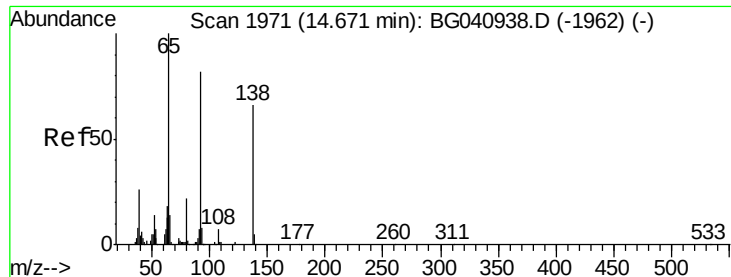
#52
Acenaphthene
Concen: 42.012 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion:154 Resp: 428300
Ion Ratio Lower Upper
154 100
153 115.9 88.6 133.0
152 54.8 44.2 66.4



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

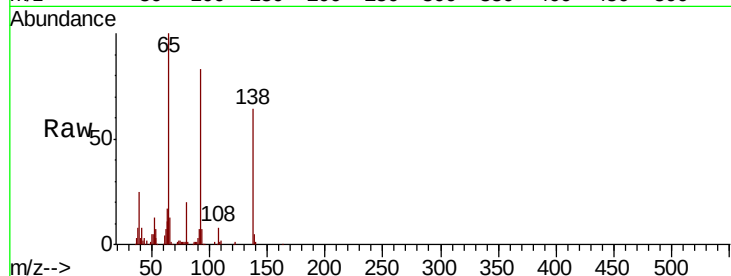




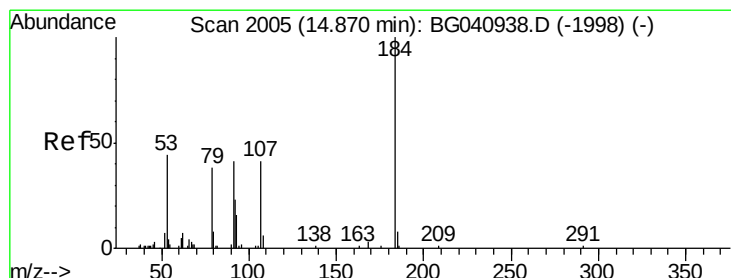
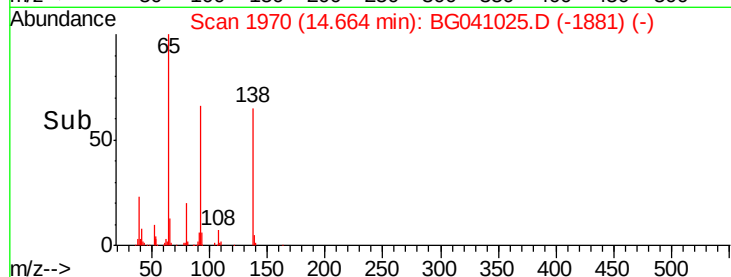
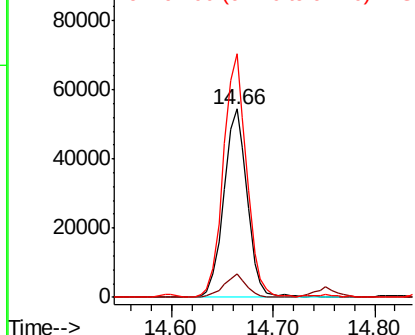
#53
3-Nitroaniline
Concen: 27.149 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 87185
Ion Ratio Lower Upper
138 100
108 12.1 8.5 12.7
92 129.2 99.0 148.6

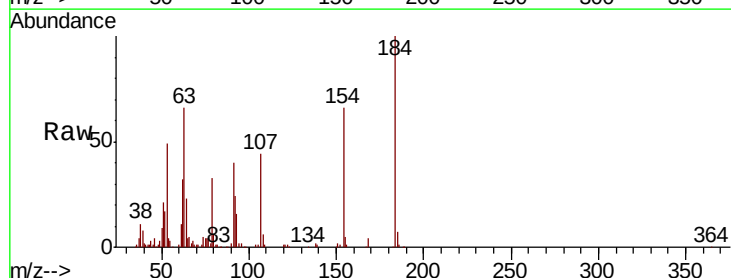


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

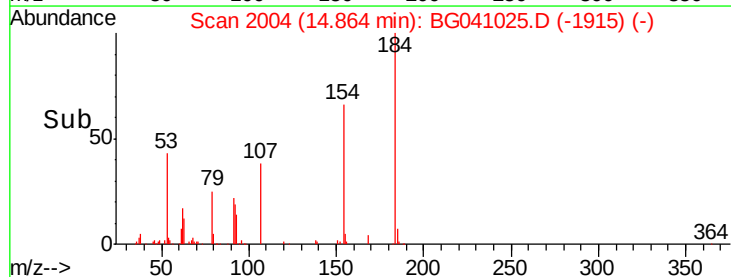
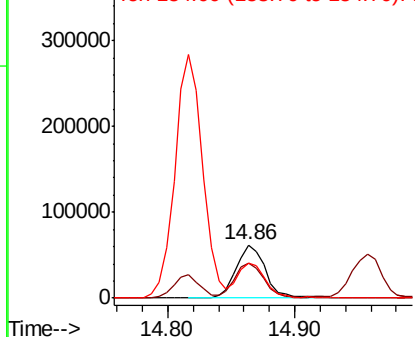


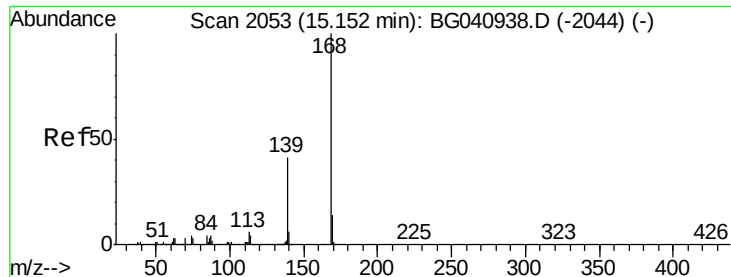
#54
2,4-Dinitrophenol
Concen: 64.769 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion:184 Resp: 98870
Ion Ratio Lower Upper
184 100
63 66.1 49.8 74.6
154 66.5 52.2 78.4



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

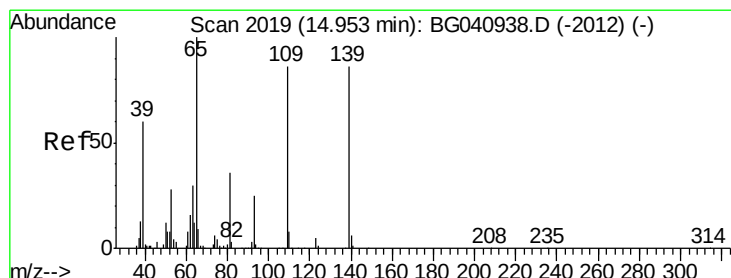
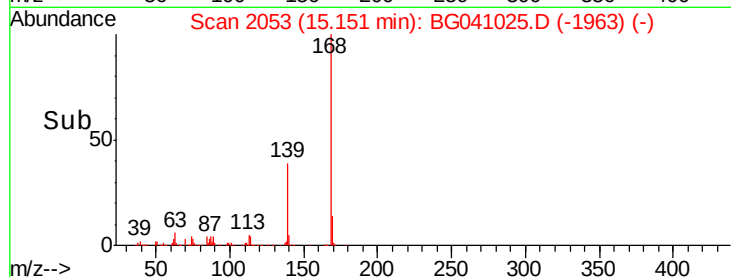
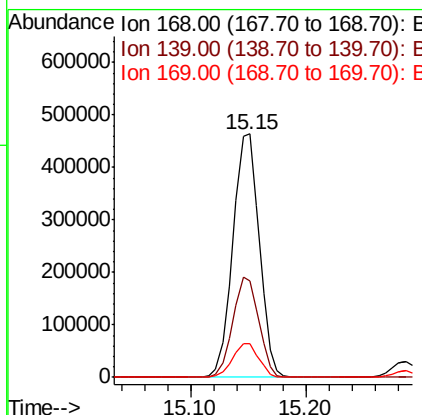
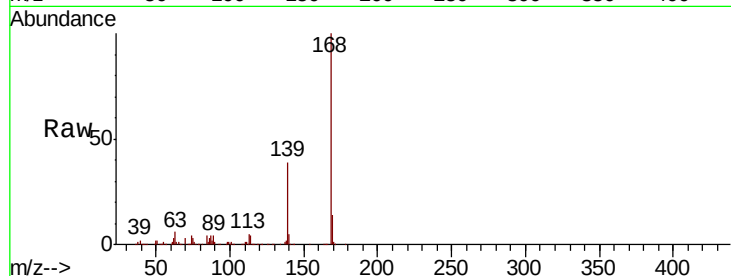




#55
Dibenzenofuran
Concen: 42.684 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

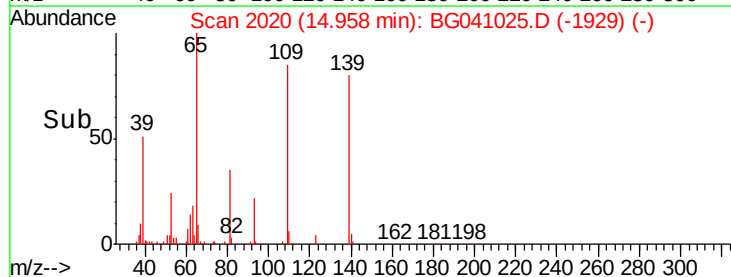
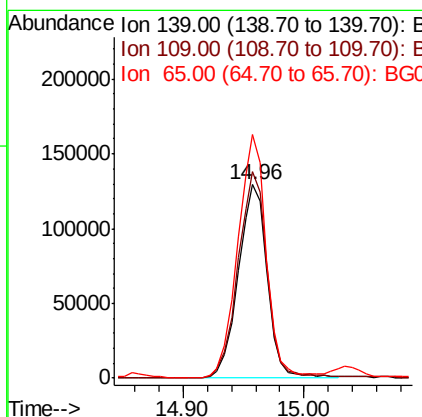
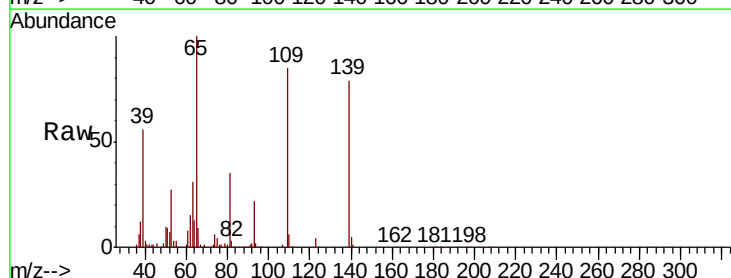
Instrument :
BNA_G
ClientSampleId :

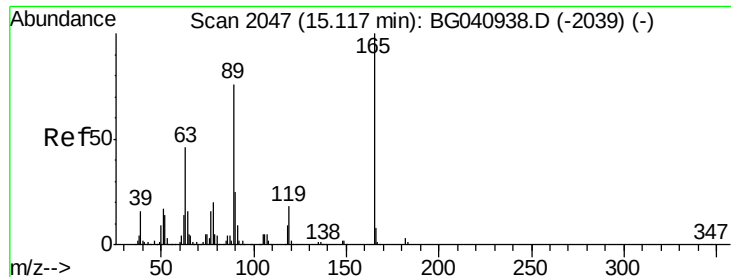
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	32.8	49.2
169	13.9	11.3	16.9



#56
4-Nitrophenol
Concen: 98.002 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	107.3	79.6	119.6
65	126.1	96.9	136.9

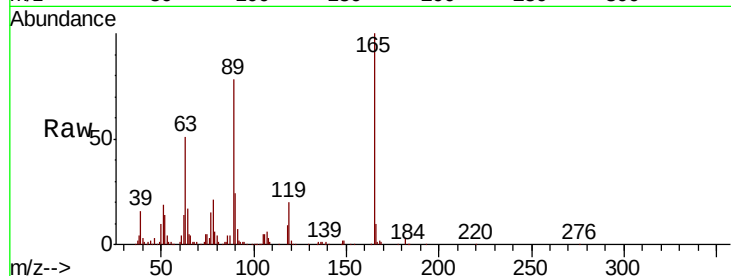




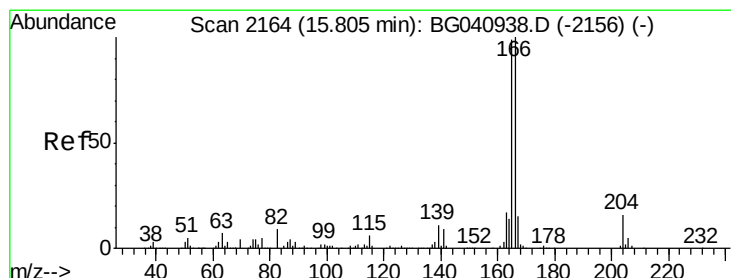
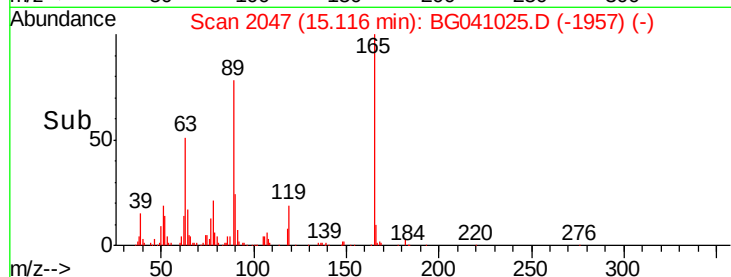
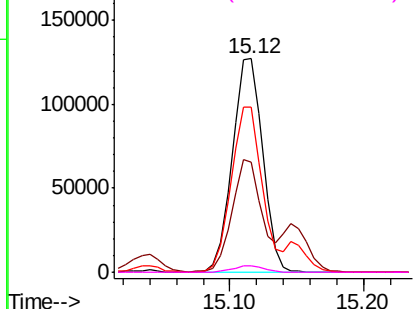
#57
2,4-Dinitrotoluene
Concen: 44.362 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.5	37.3	55.9
89	77.6	61.0	91.6
182	3.2	2.2	3.2

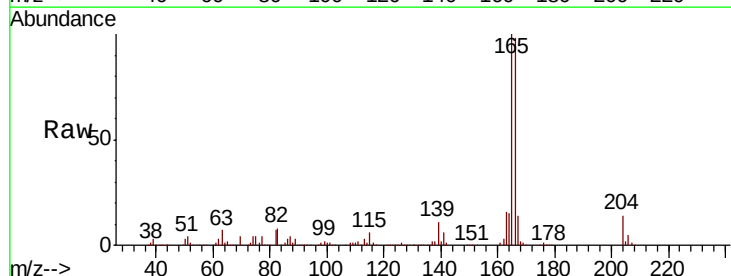


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

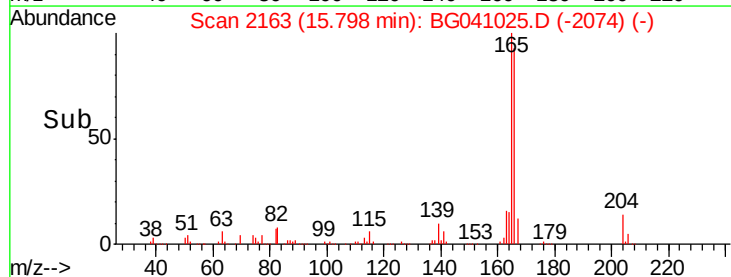
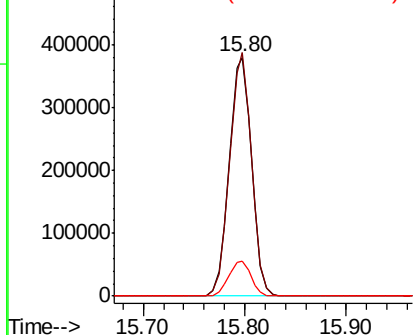


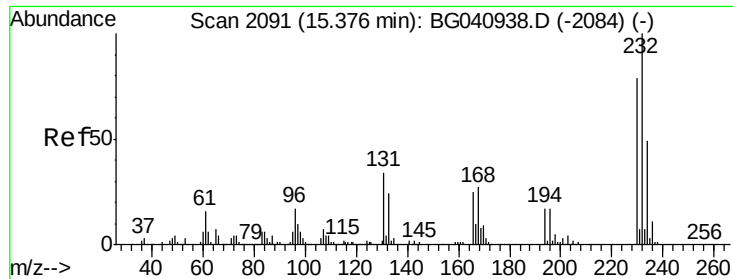
#58
Fluorene
Concen: 42.301 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.2	118.8
167	14.5	11.8	17.6



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

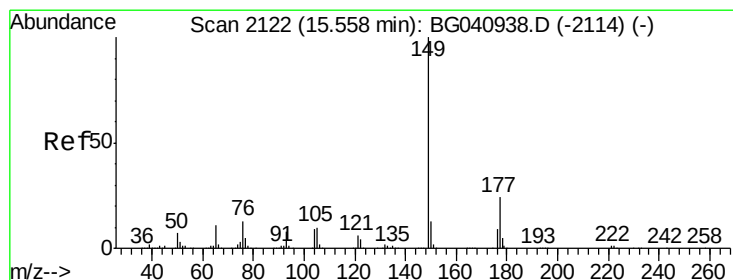
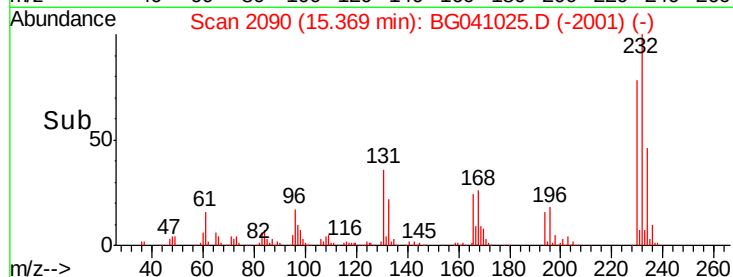
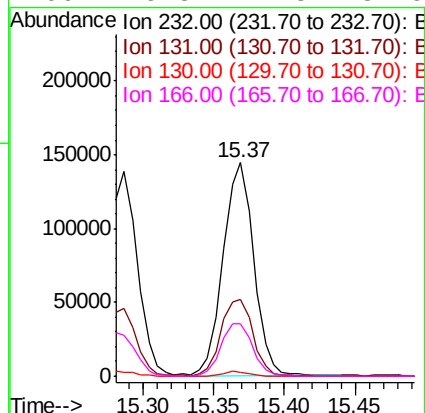
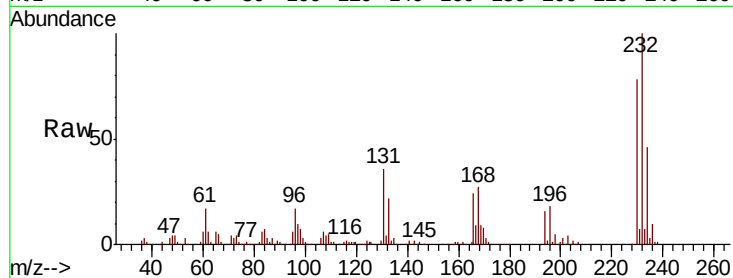




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.831 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

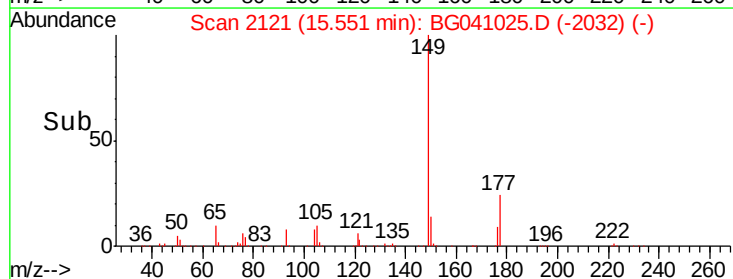
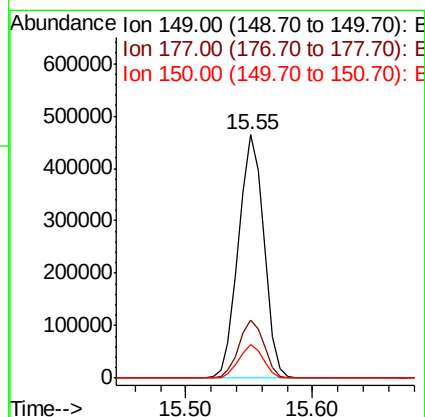
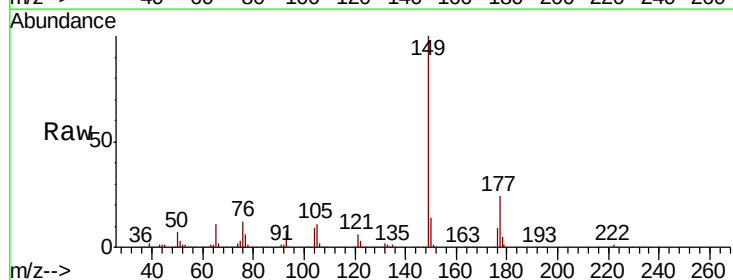
Instrument :
 BNA_G
 ClientSampleId :

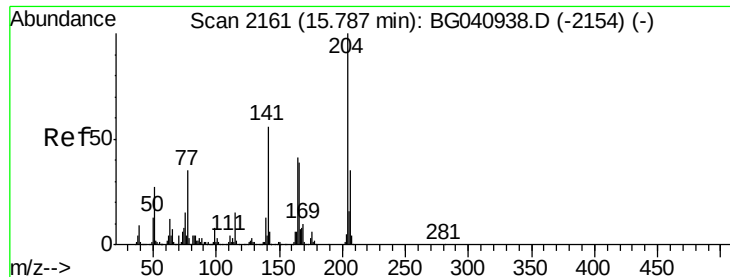
Tot Ion:	232	Resp:	217931
Ion	Ratio	Lower	Upper
232	100		
131	37.6	30.3	45.5
130	2.1	1.8	2.8
166	25.8	21.3	31.9



#60
 Diethylphthalate
 Concen: 42.268 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

Tgt Ion:	149	Resp:	642499
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.4	29.0
150	13.6	10.3	15.5

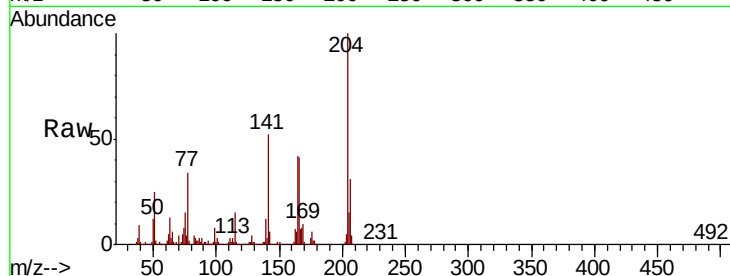




#61
 4-Chlorophenyl-phenylether
 Concen: 41.856 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.2	27.6	41.4
141	51.5	45.1	67.7

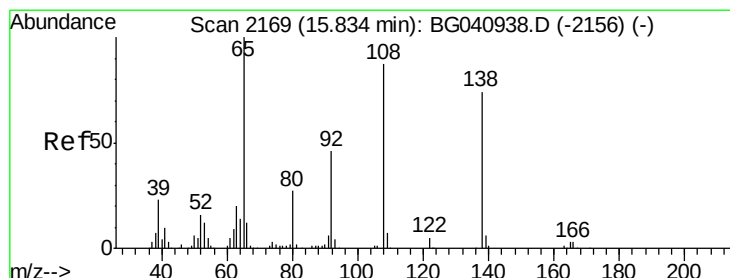
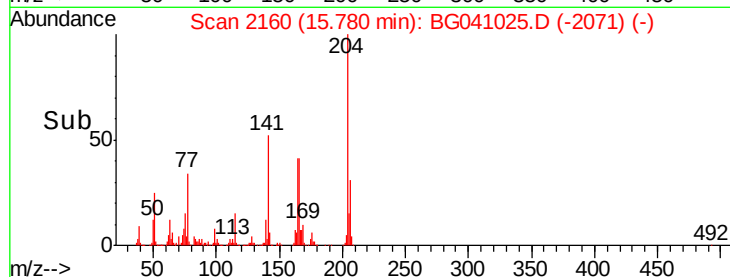
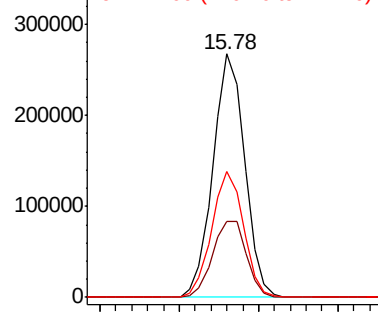


Abundance

Ion 204.00 (203.70 to 204.70): E

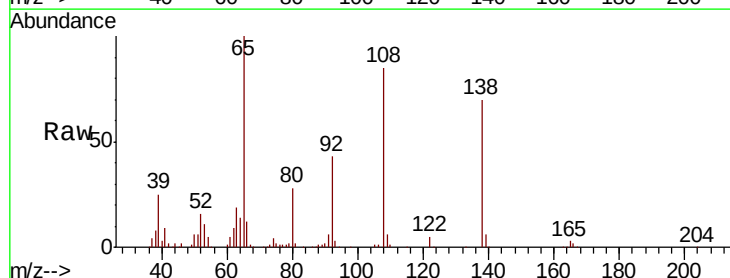
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.831 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.8	42.4	82.4
108	121.6	96.9	136.9

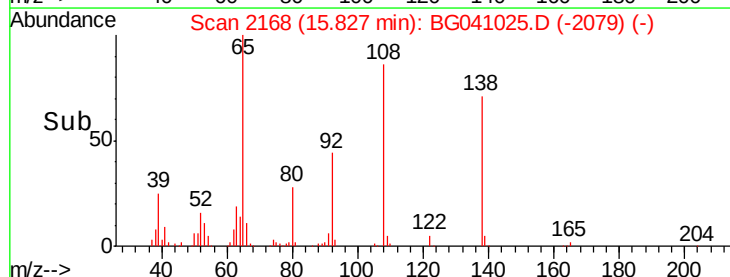
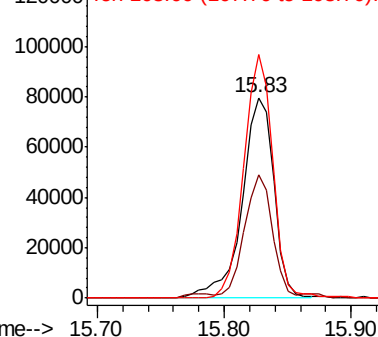


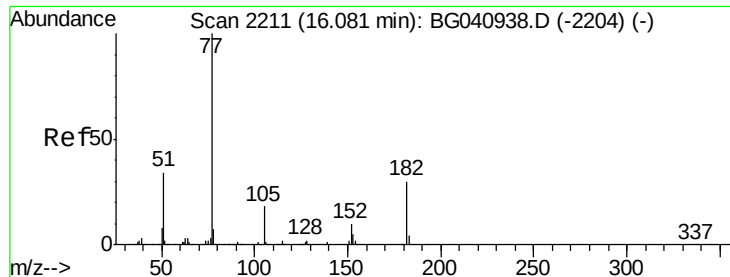
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.236 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 583523

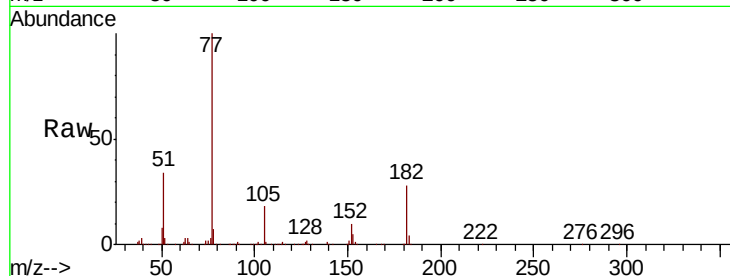
Ion Ratio Lower Upper

77 100

182 28.3 9.6 49.6

105 18.2 0.0 37.5

51 33.9 13.7 53.7

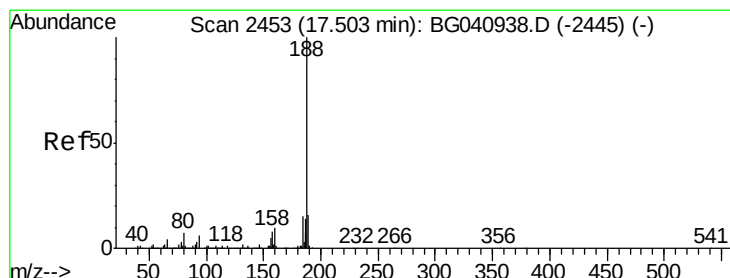
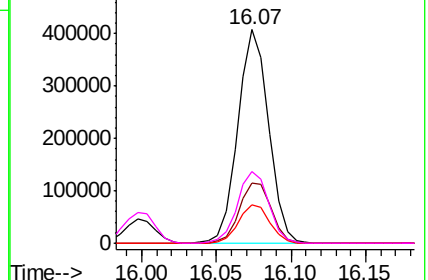
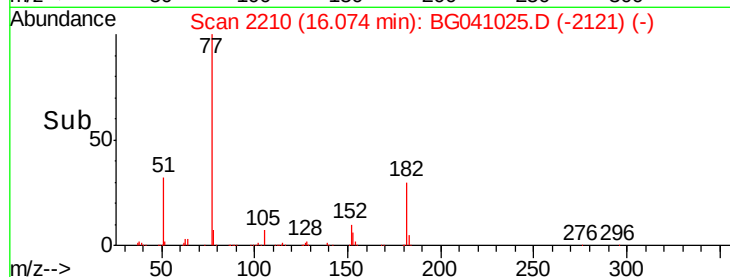


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

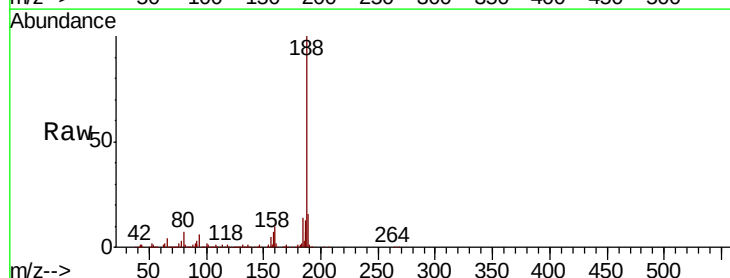
Tgt Ion: 188 Resp: 455531

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

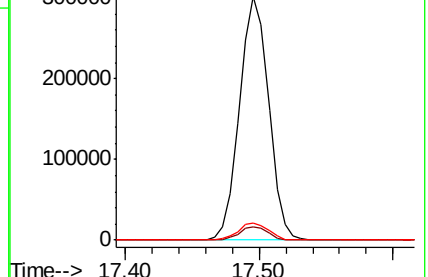
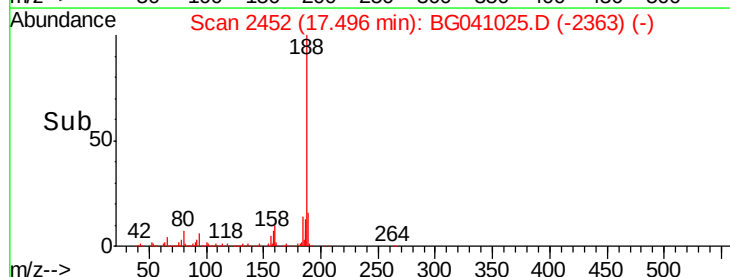
80 7.0 5.8 8.8

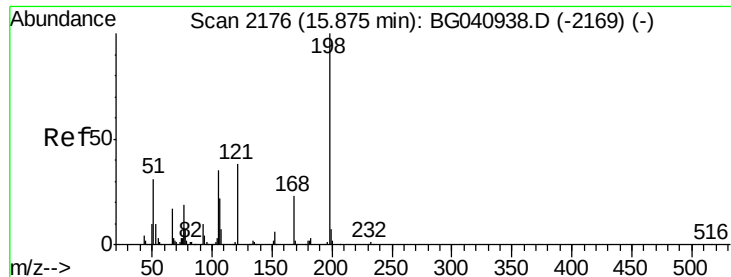


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.592 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampled :

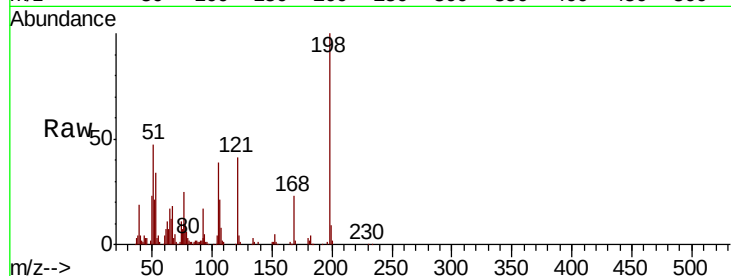
Tot Ion:198 Resp: 104062

Ion Ratio Lower Upper

198 100

51 46.5 21.6 61.6

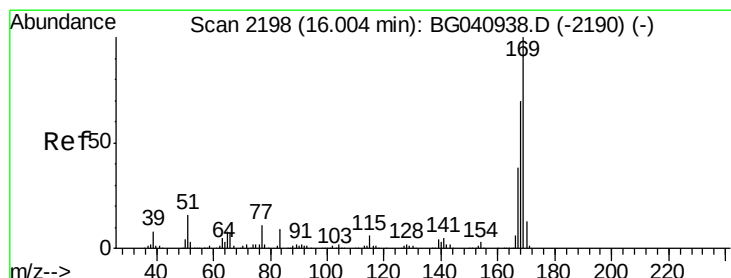
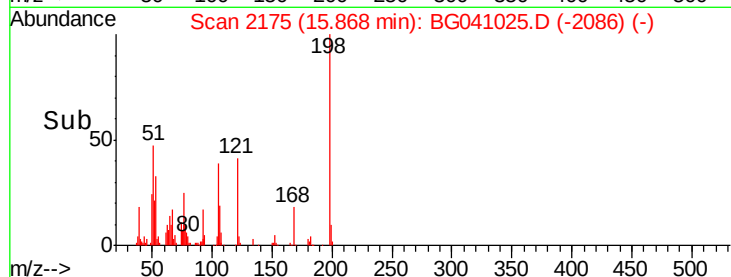
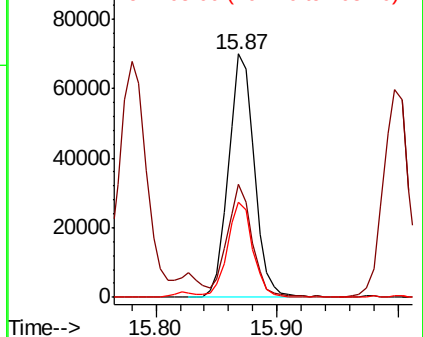
105 39.1 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.227 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

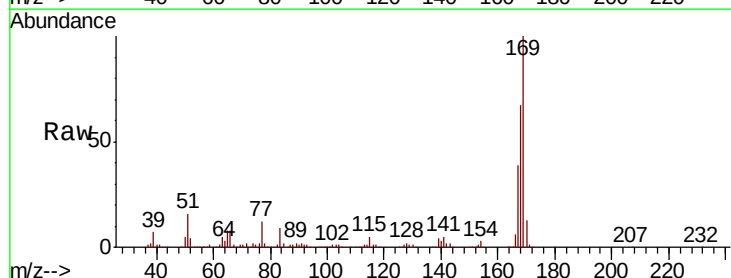
Tgt Ion:169 Resp: 540733

Ion Ratio Lower Upper

169 100

168 67.3 55.7 83.5

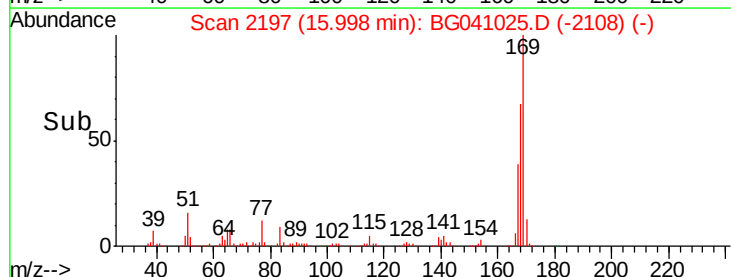
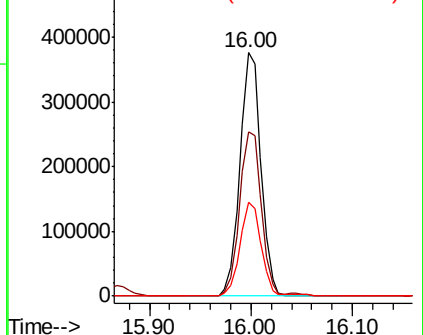
167 38.6 30.2 45.2

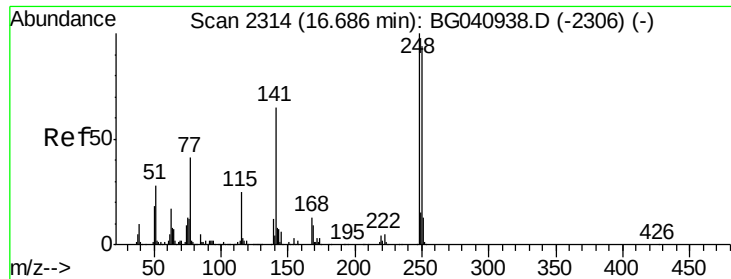


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

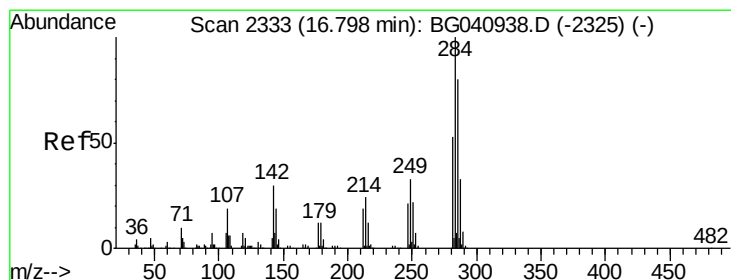
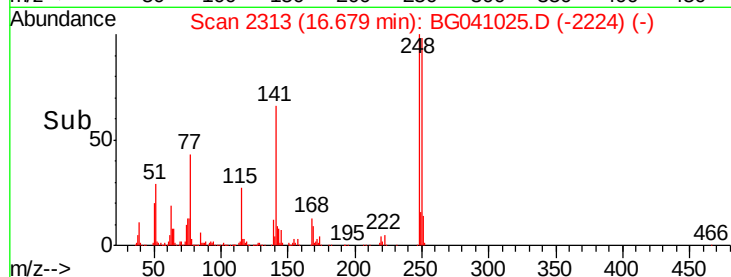
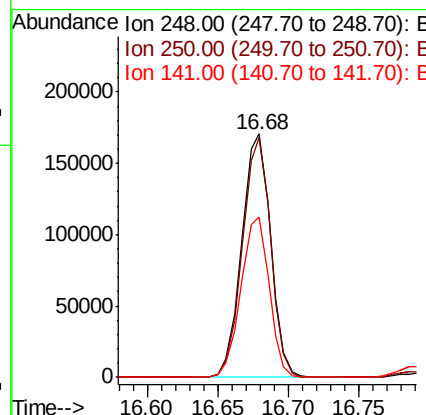
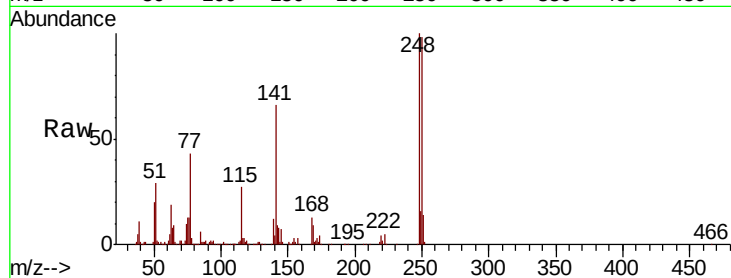




#67
4-Bromophenyl-phenylether
Concen: 39.494 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

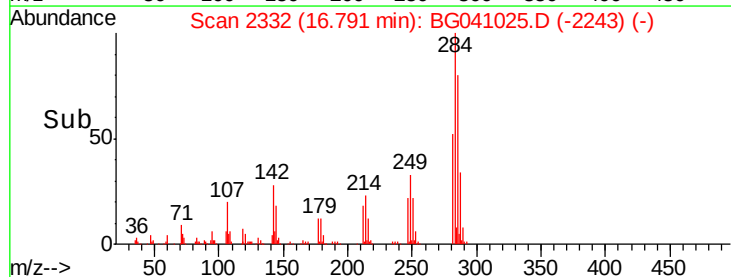
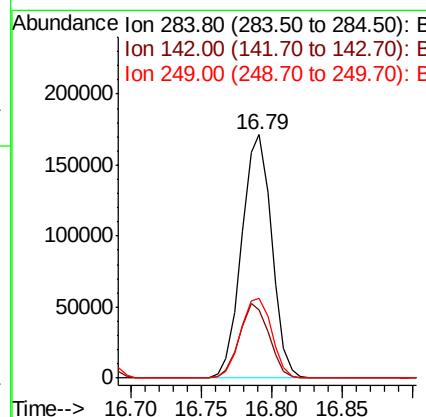
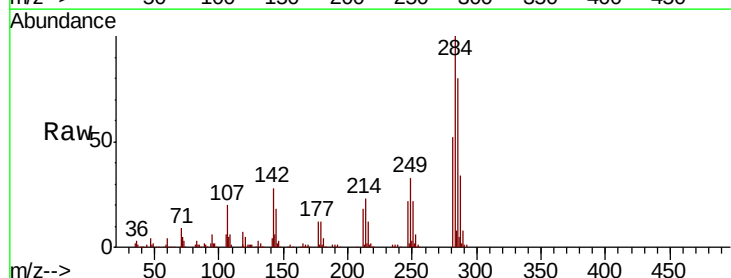
Instrument :
BNA_G
ClientSampleId :

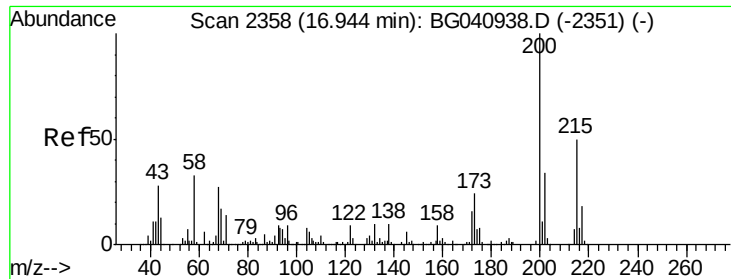
Tot Ion:248 Resp: 242791
Ion Ratio Lower Upper
248 100
250 98.2 75.0 112.4
141 66.0 52.4 78.6



#68
Hexachlorobenzene
Concen: 38.931 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion:284 Resp: 254849
Ion Ratio Lower Upper
284 100
142 28.0 23.9 35.9
249 32.8 26.8 40.2





#69

Atrazine

Concen: 48.060 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

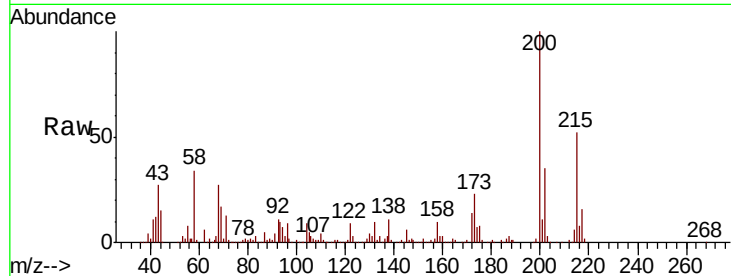
Tot Ion:200 Resp: 237468

Ion Ratio Lower Upper

200 100

173 23.5 3.6 43.6

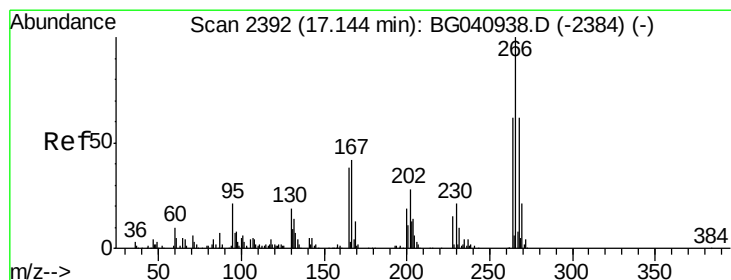
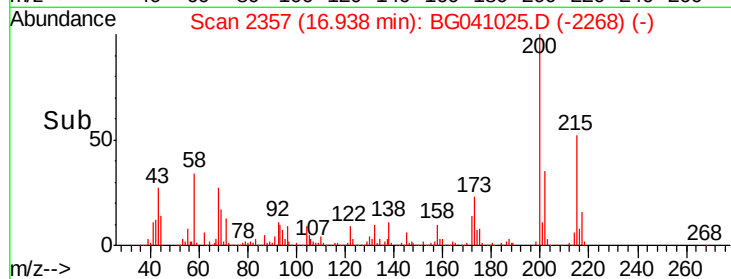
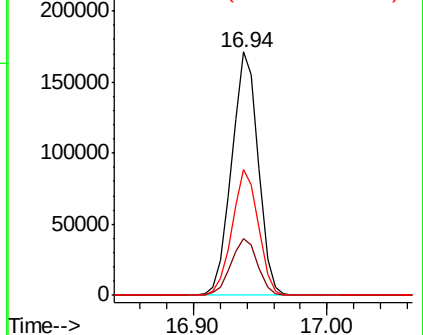
215 51.5 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 82.442 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

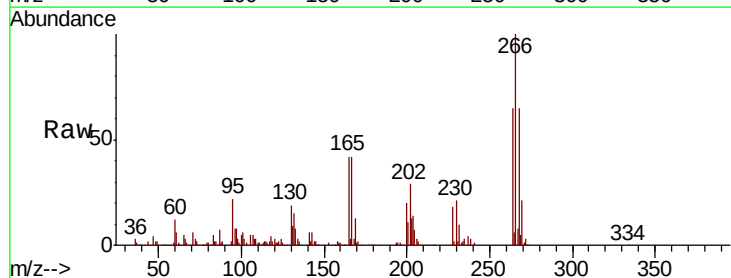
Tgt Ion:266 Resp: 289588

Ion Ratio Lower Upper

266 100

268 64.6 53.1 79.7

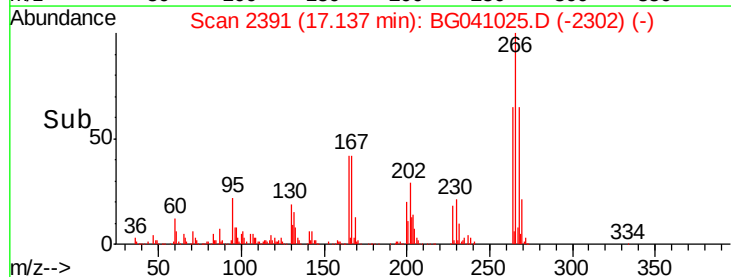
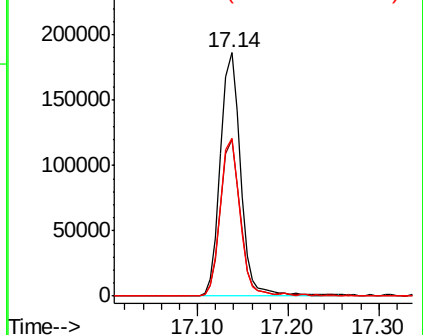
264 64.7 49.9 74.9

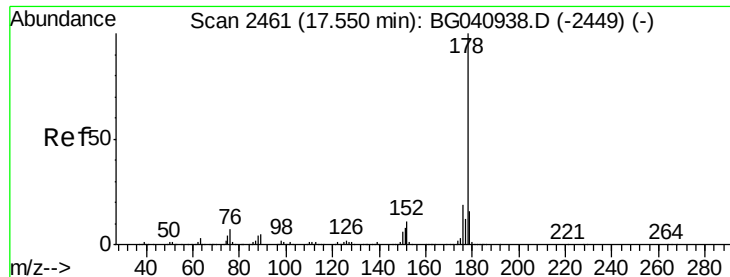


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

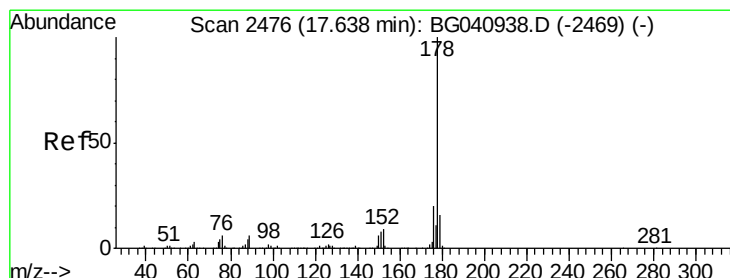
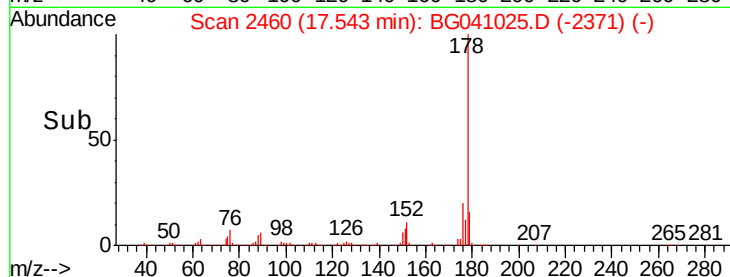
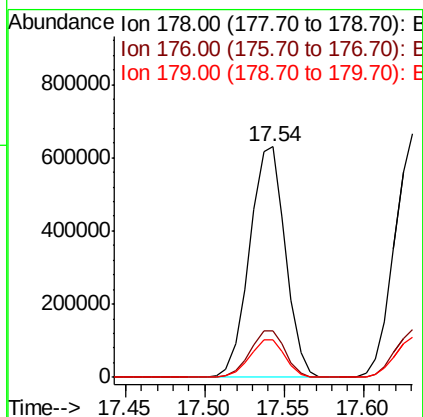
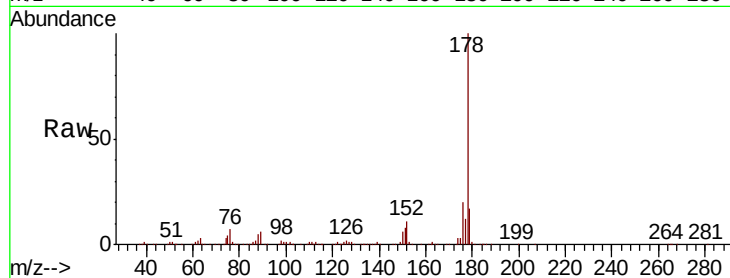




#71
Phenanthrene
Concen: 41.627 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

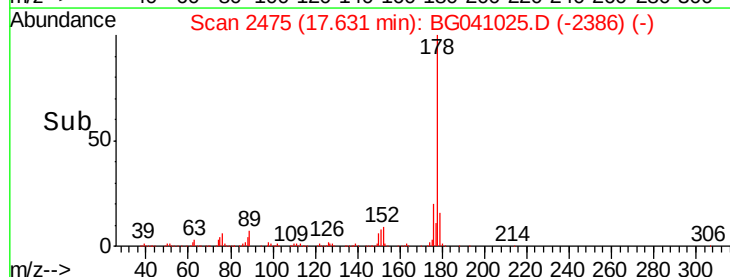
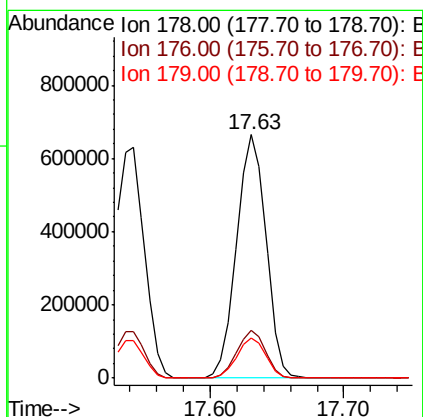
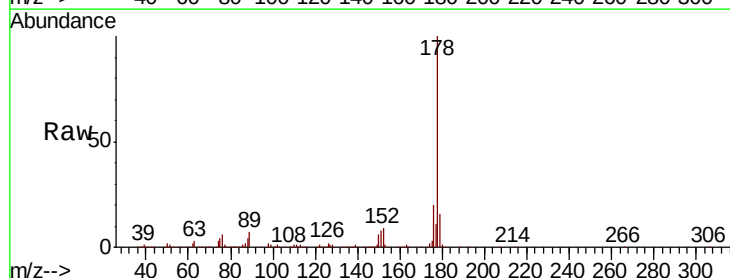
Instrument :
BNA_G
ClientSampleId :

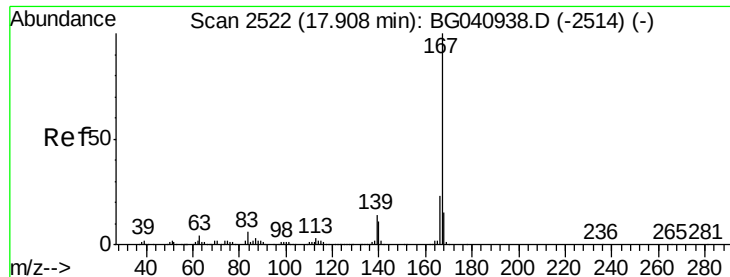
Tot Ion:178 Resp: 987726
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 16.5 12.7 19.1



#72
Anthracene
Concen: 43.333 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion:178 Resp: 1014078
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.2 13.0 19.4

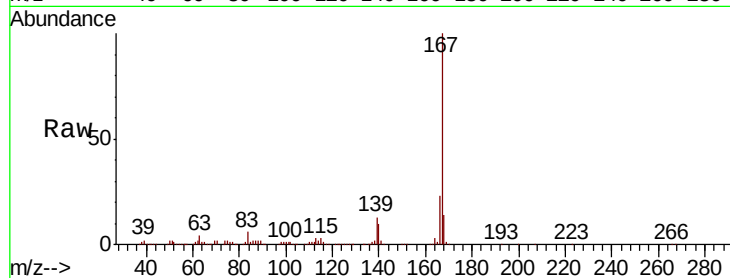




#73
 Carbazole
 Concen: 44.679 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.4	10.8	16.2

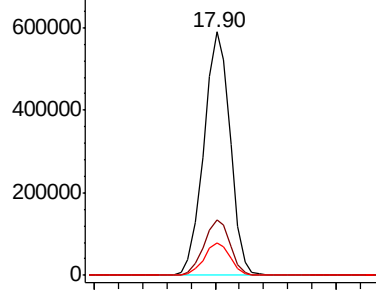


Abundance

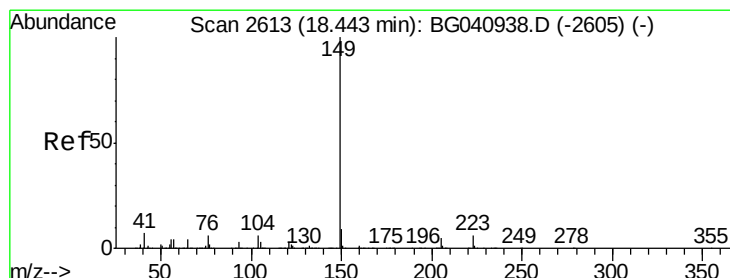
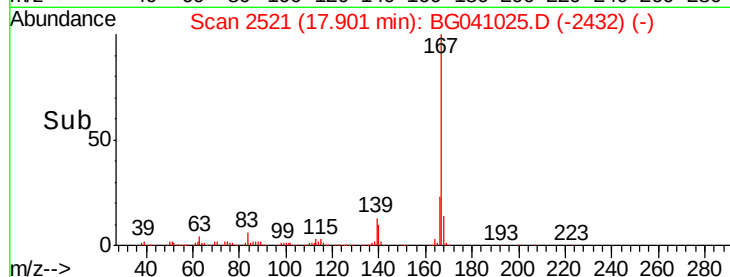
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

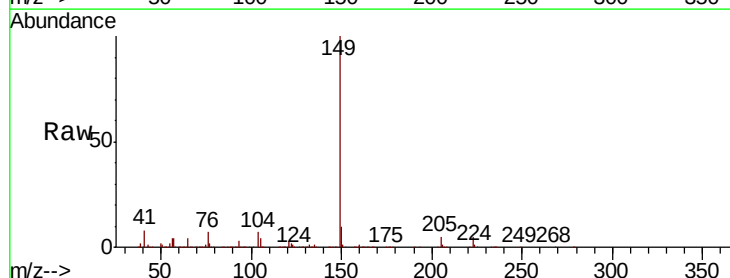


Time--> 17.80 17.90 18.00



#74
 Di-n-butylphthalate
 Concen: 41.413 ng
 RT: 18.44 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG041025.D
 Acq: 3 Jun 2019 9:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	7.0	5.0	7.4

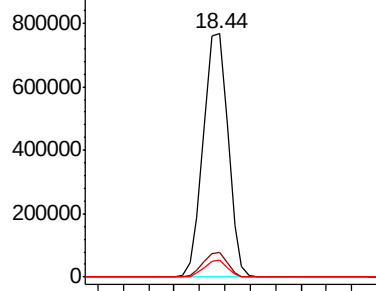


Abundance

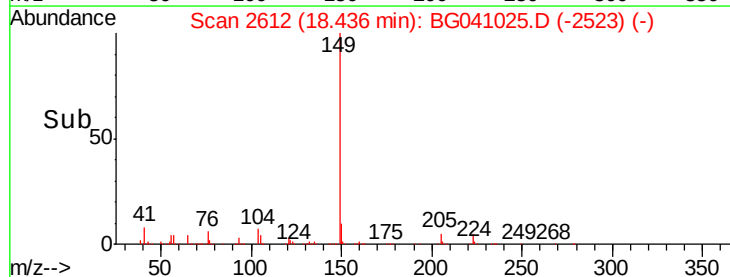
Ion 149.00 (148.70 to 149.70): E

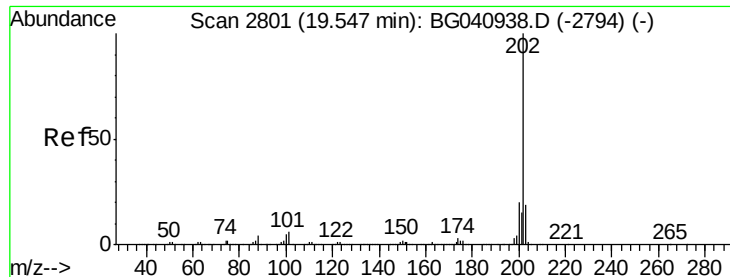
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.40 18.50





#75

Fluoranthene

Concen: 42.922 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampled :

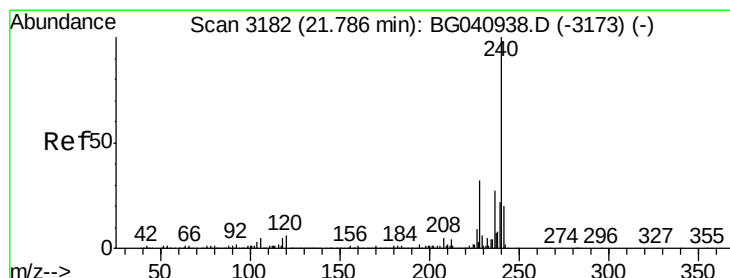
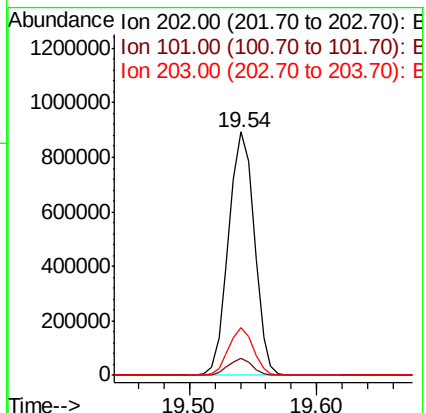
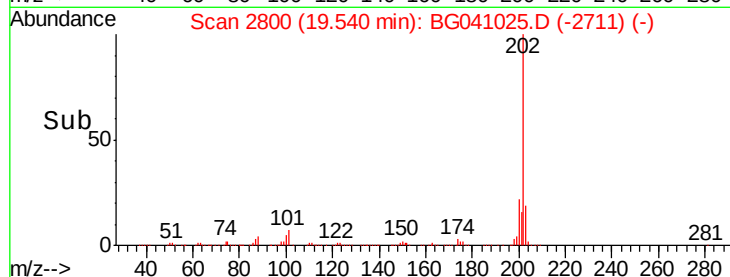
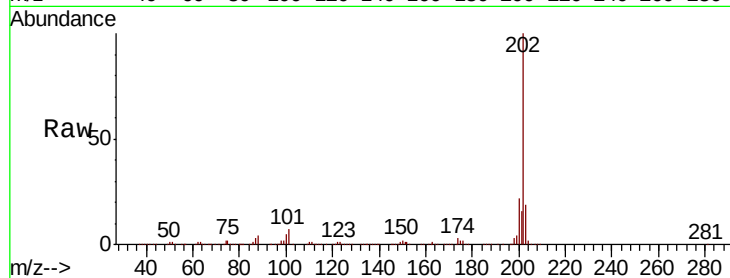
Tot Ion:202 Resp: 1257943

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.2

203 19.4 0.0 38.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

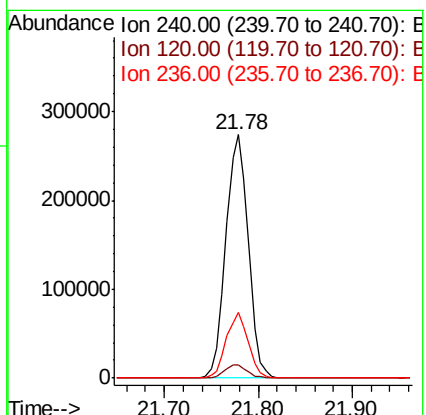
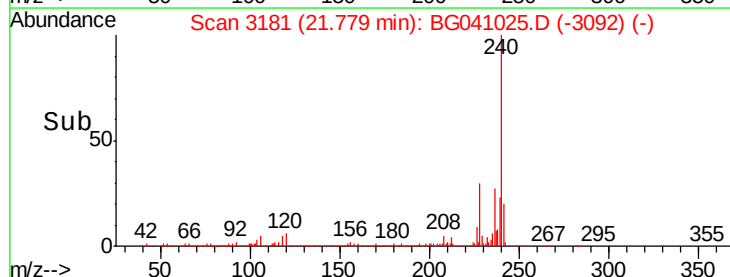
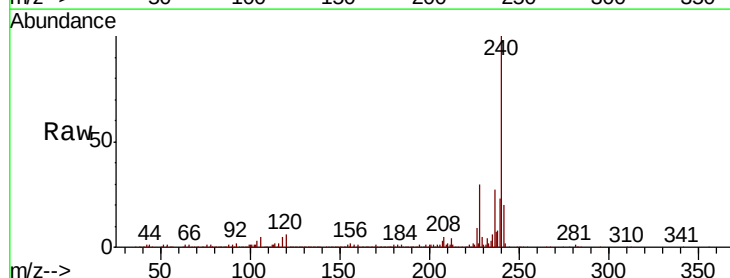
Tgt Ion:240 Resp: 453150

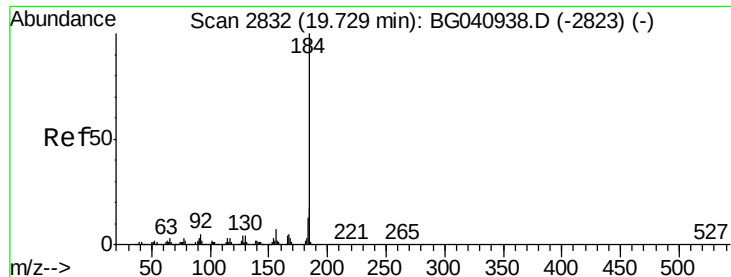
Ion Ratio Lower Upper

240 100

120 5.5 4.5 6.7

236 27.0 21.3 31.9





#77

Benzidine

Concen: 25.691 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampled :

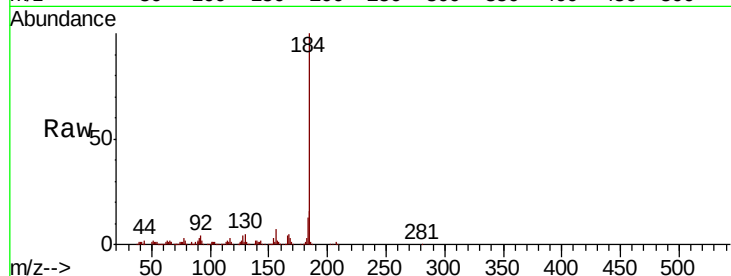
Tot Ion:184 Resp: 277721

Ion Ratio Lower Upper

184 100

185 15.7 13.3 19.9

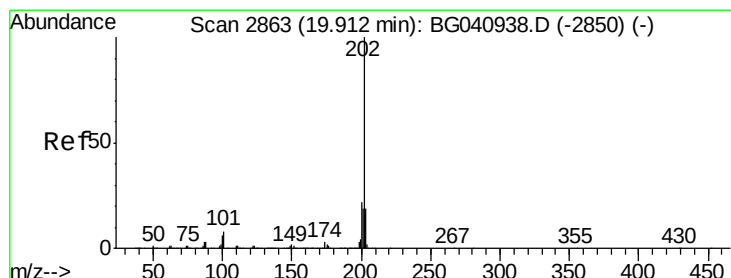
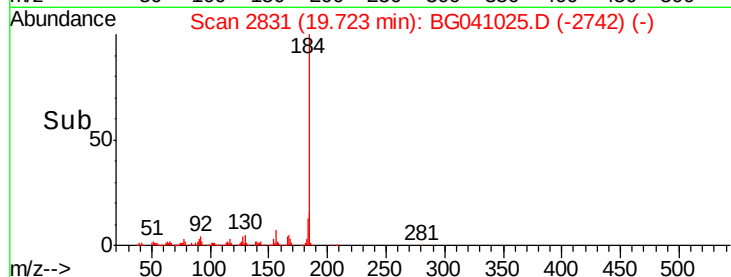
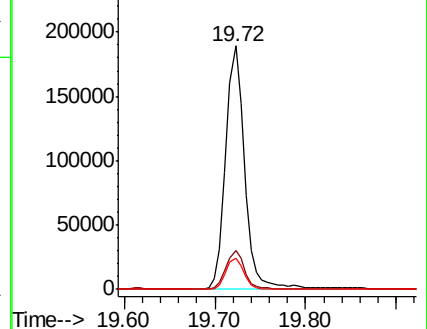
183 12.8 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.741 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

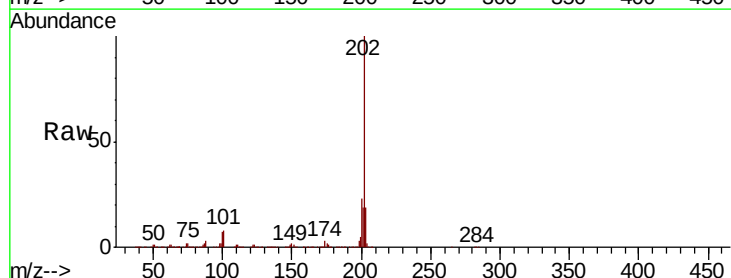
Tgt Ion:202 Resp: 1259054

Ion Ratio Lower Upper

202 100

200 22.7 17.5 26.3

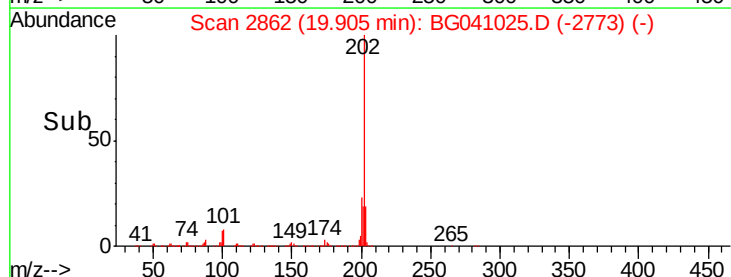
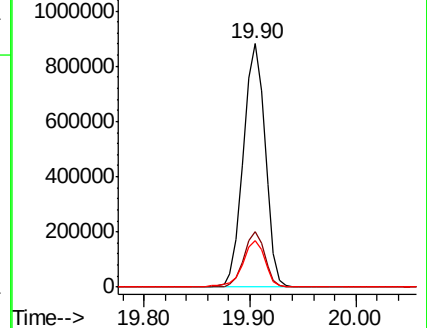
203 19.2 15.6 23.4

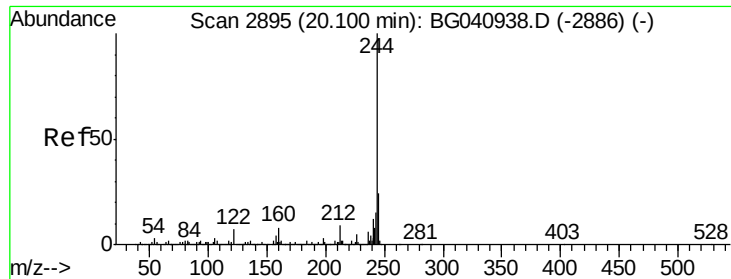


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.062 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

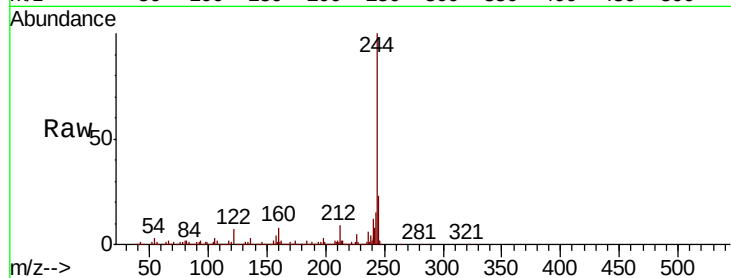
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1559976

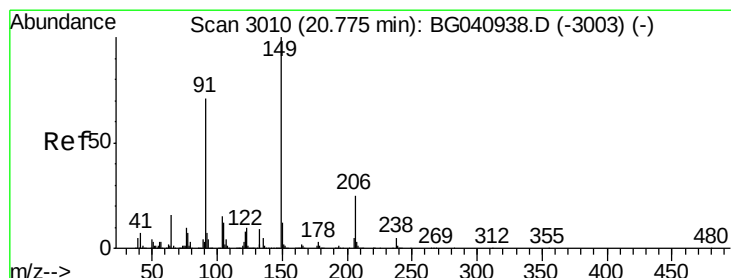
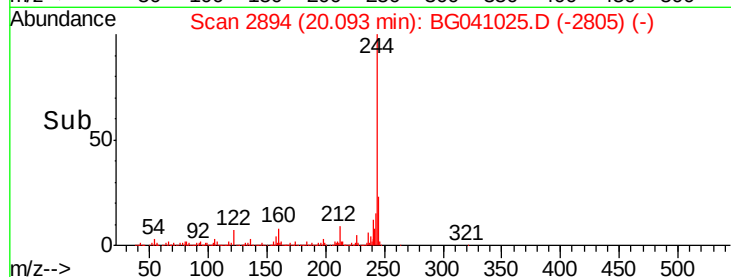
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	7.0	5.4	8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.923 ng

RT: 20.77 min Scan# 3009

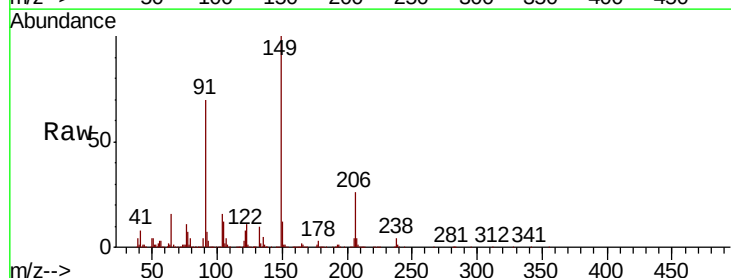
Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Tgt Ion:149 Resp: 492057

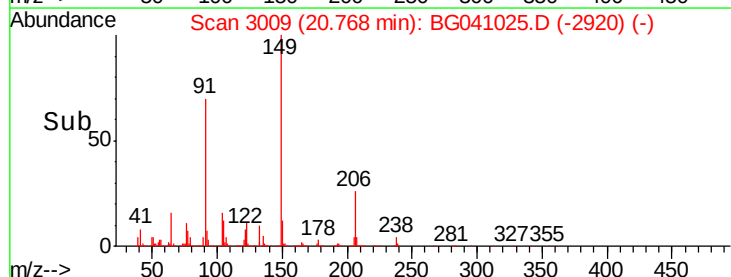
Ion	Ratio	Lower	Upper
149	100		
91	70.4	56.5	84.7
206	26.2	20.3	30.5

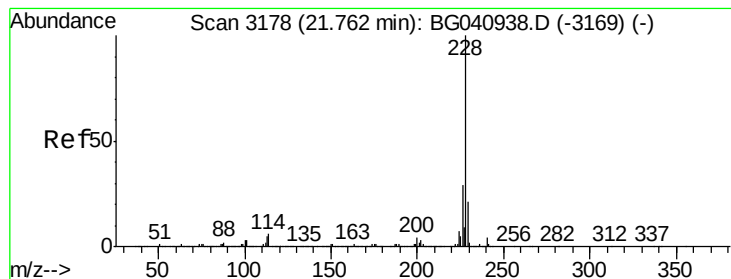


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.537 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

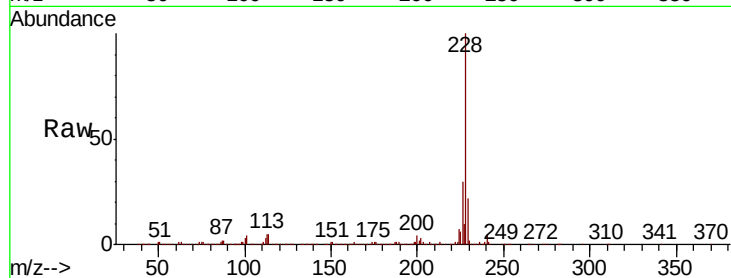
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1222782

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.5	35.3
229	21.8	16.7	25.1

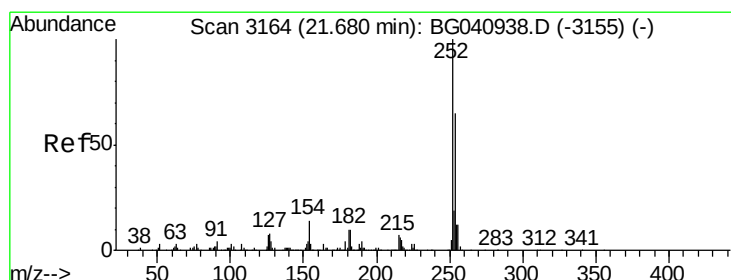
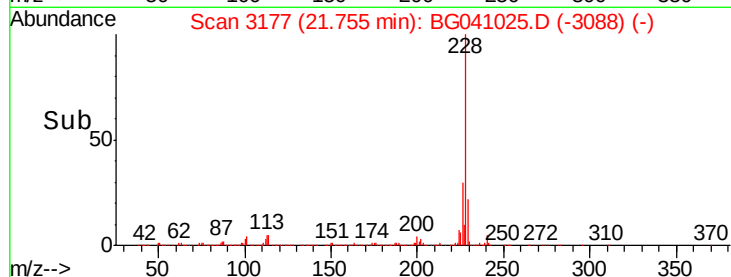
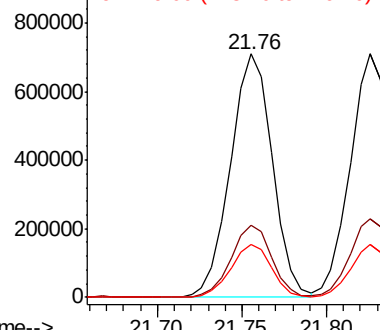


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.386 ng

RT: 21.67 min Scan# 3162

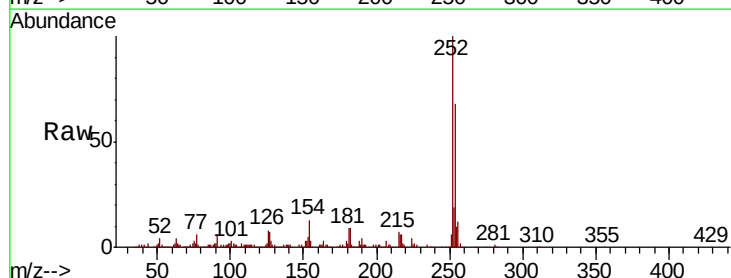
Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Tgt Ion:252 Resp: 258730

Ion	Ratio	Lower	Upper
252	100		
254	67.8	52.1	78.1
126	7.9	5.5	8.3

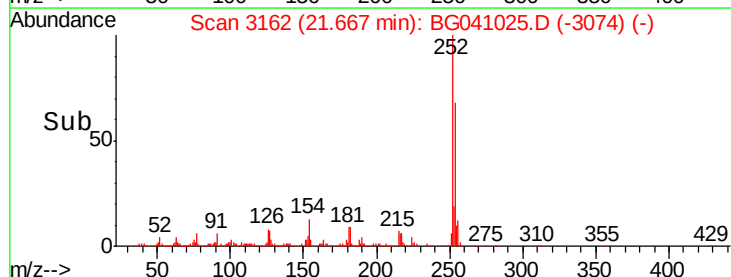
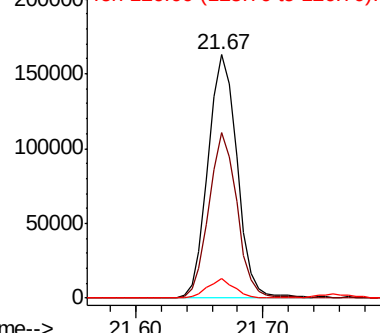


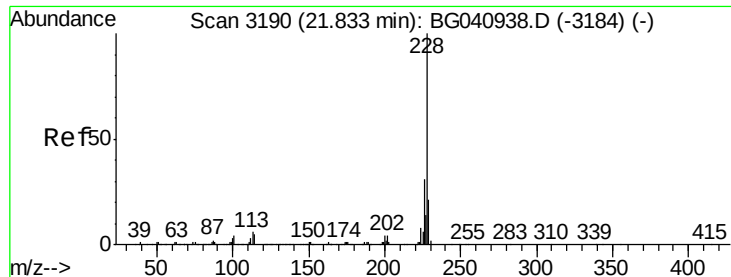
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.293 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

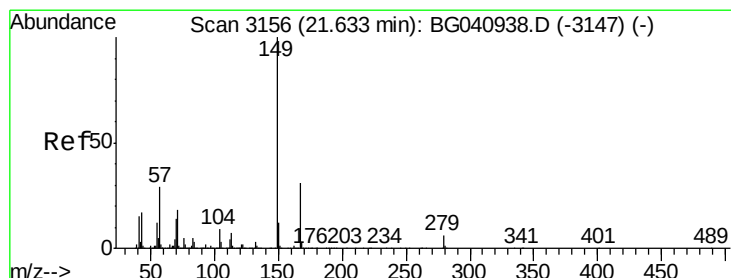
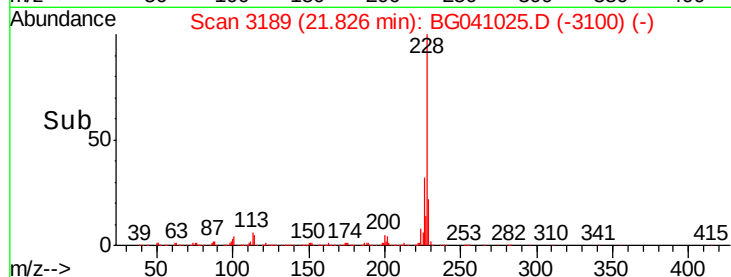
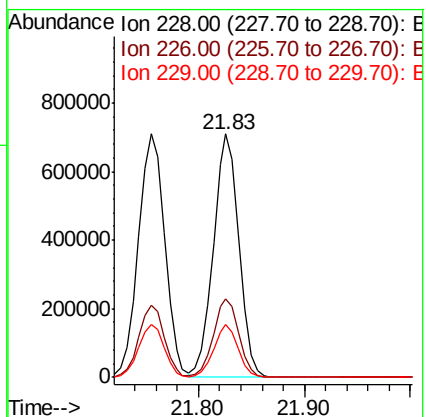
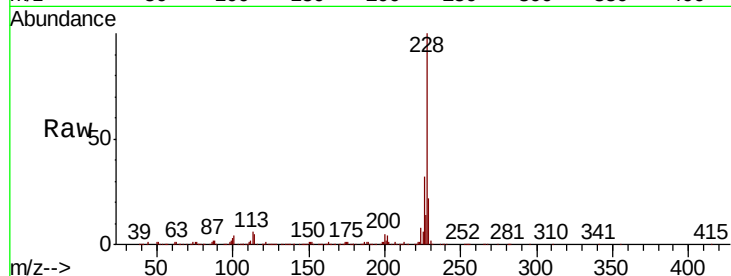
Tot Ion:228 Resp: 1191975

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	37.0
229	21.7	16.6	24.8

228 100

226 32.5 24.6 37.0

229 21.7 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.251 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

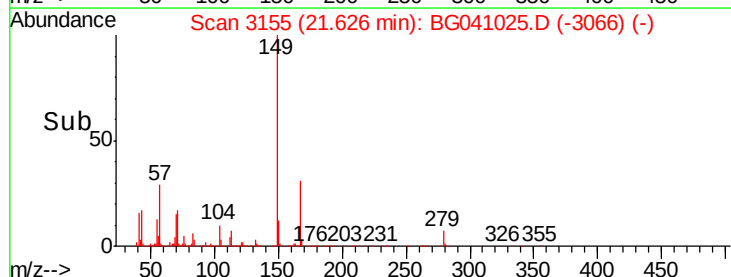
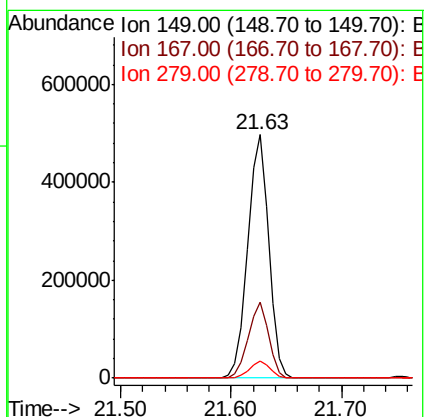
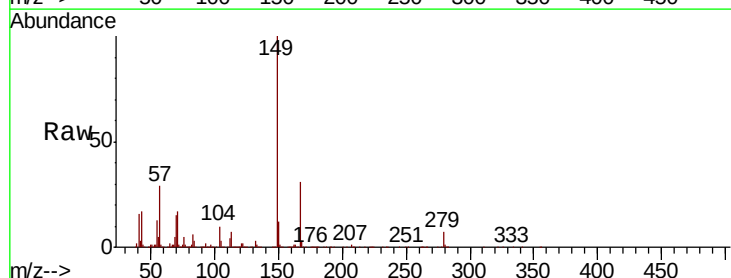
Tgt Ion:149 Resp: 665693

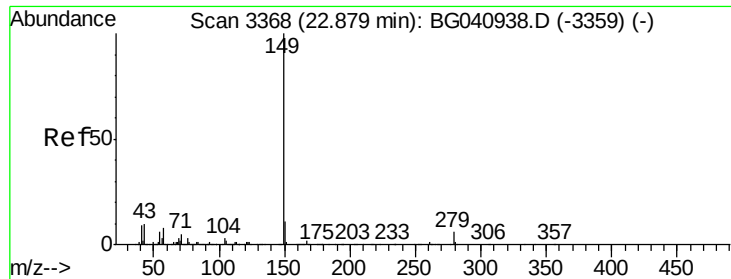
Ion	Ratio	Lower	Upper
149	100		
167	31.4	24.6	37.0
279	6.9	5.0	7.6

149 100

167 31.4 24.6 37.0

279 6.9 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 41.955 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

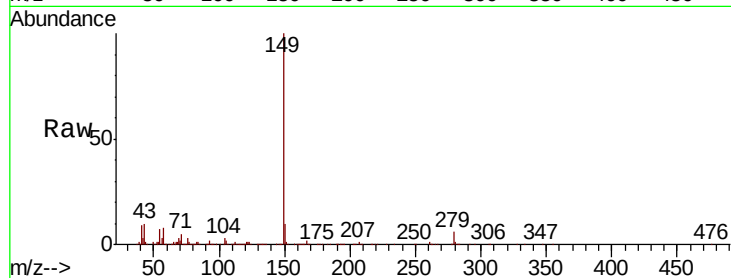
Tot Ion:149 Resp: 1127606

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

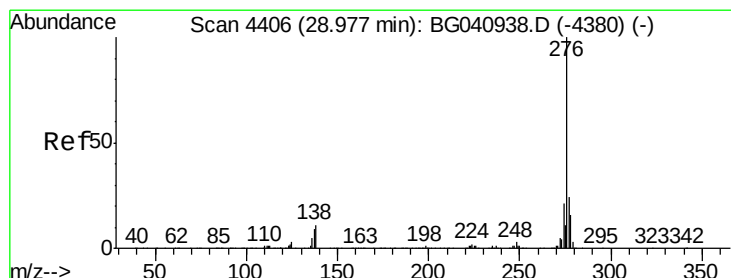
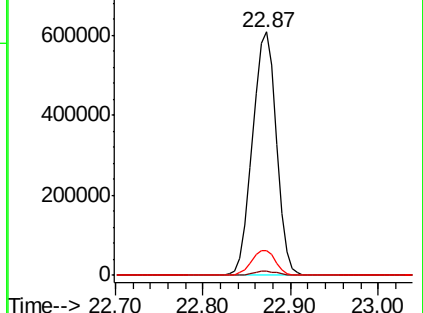
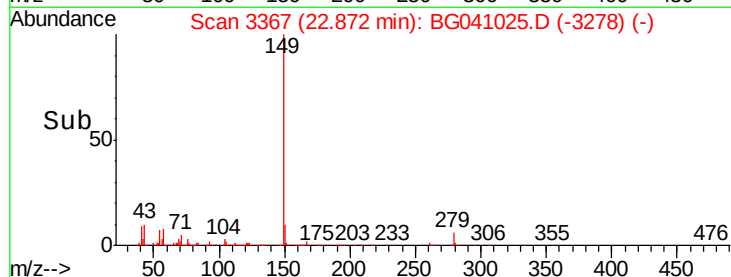
43 10.3 8.1 12.1



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: 40.968 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.02 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

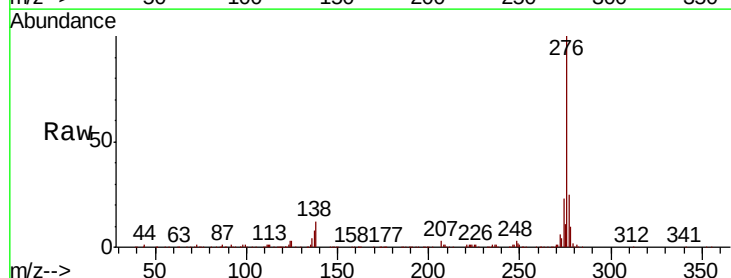
Tgt Ion:276 Resp: 1448653

Ion Ratio Lower Upper

276 100

138 5.9 5.7 8.5

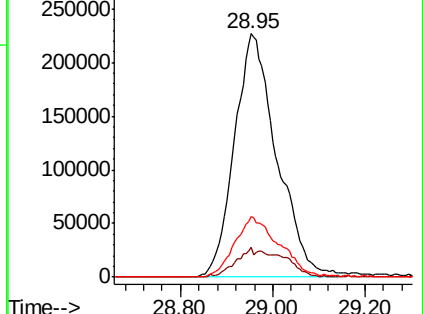
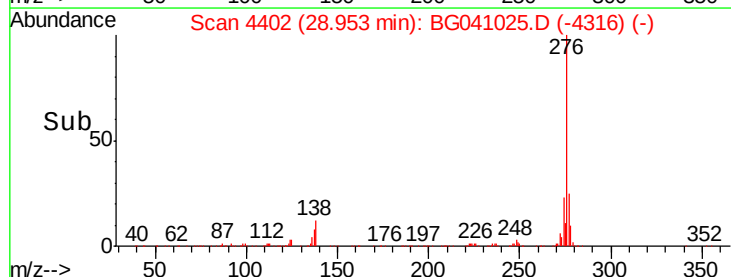
277 26.0 20.8 31.2

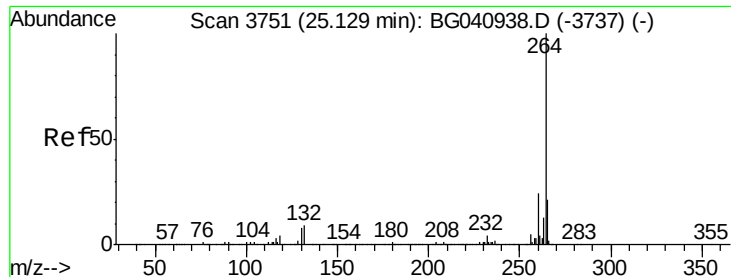


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

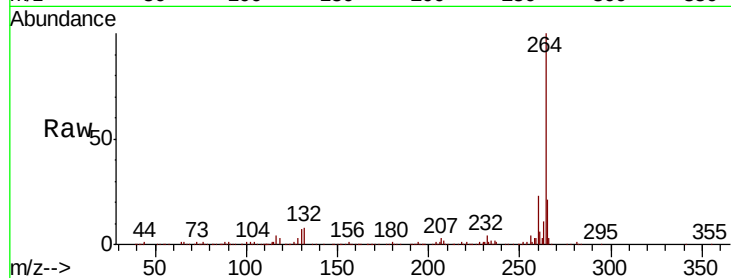
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 483411

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	20.7	17.0	25.4

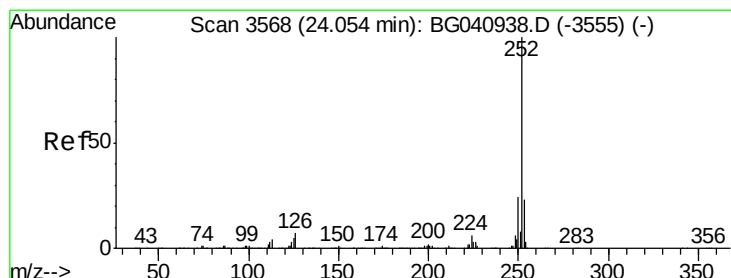
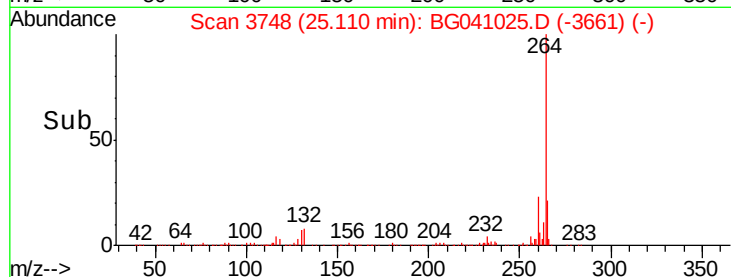
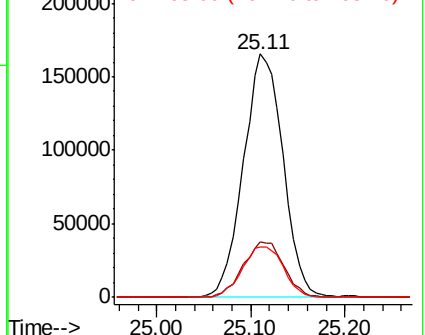


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.014 ng

RT: 24.05 min Scan# 3567

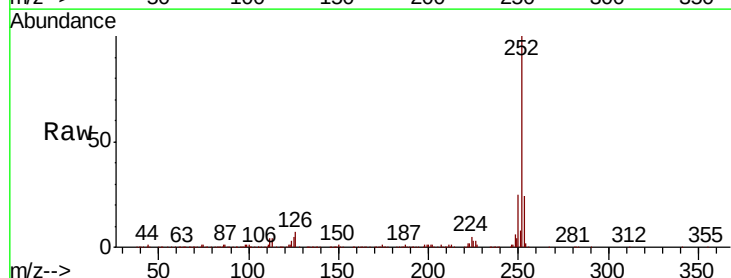
Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Tgt Ion:252 Resp: 1261183

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	5.4	4.3	6.5

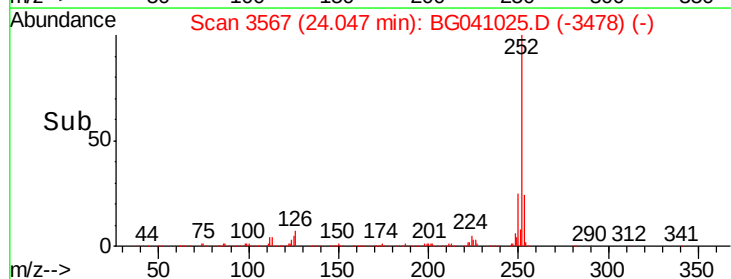
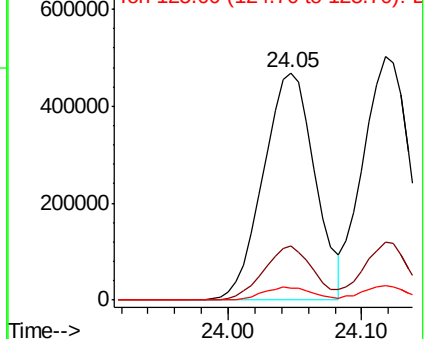


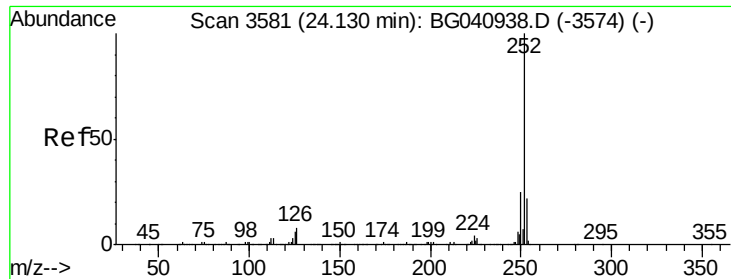
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

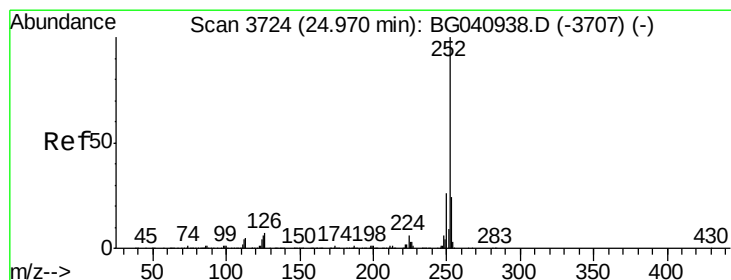
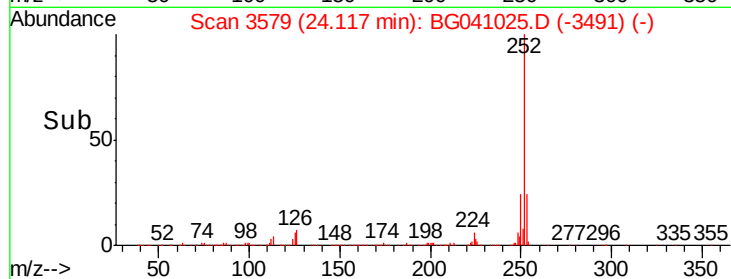
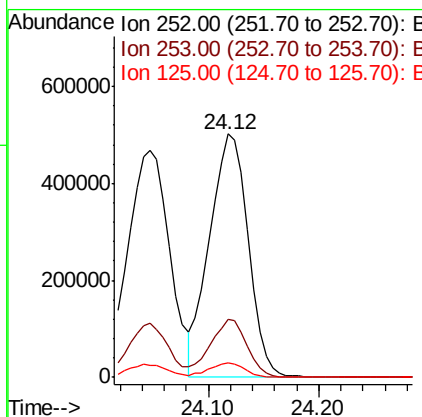
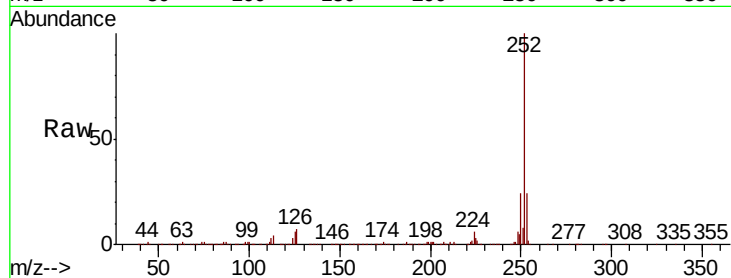




#89
Benzo(k)fluoranthene
Concen: 41.919 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

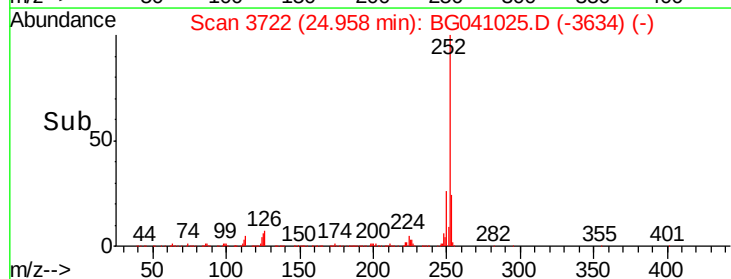
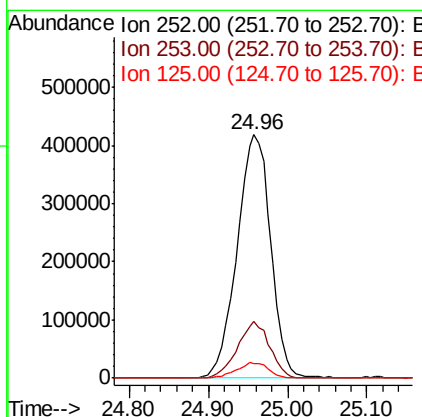
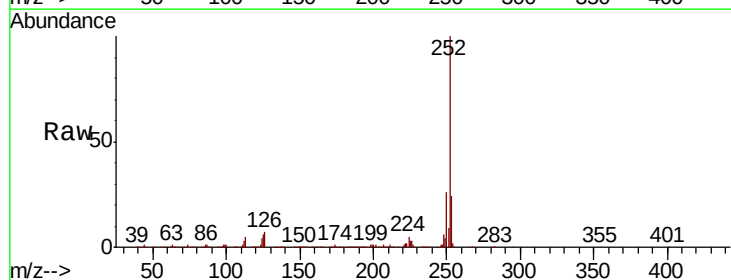
Instrument :
BNA_G
ClientSampleId :

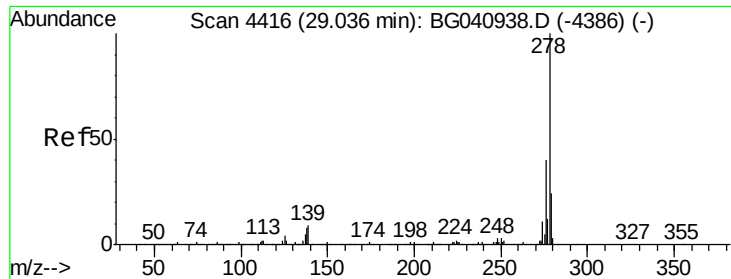
Tot Ion:252 Resp: 1216254
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 5.8 4.7 7.1



#90
Benzo(a)pyrene
Concen: 43.935 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041025.D
Acq: 3 Jun 2019 9:17

Tgt Ion:252 Resp: 1229043
Ion Ratio Lower Upper
252 100
253 23.5 19.5 29.3
125 6.0 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 42.480 ng

RT: 29.03 min Scan# 4415

Delta R.T. -0.01 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

Instrument :

BNA_G

ClientSampleId :

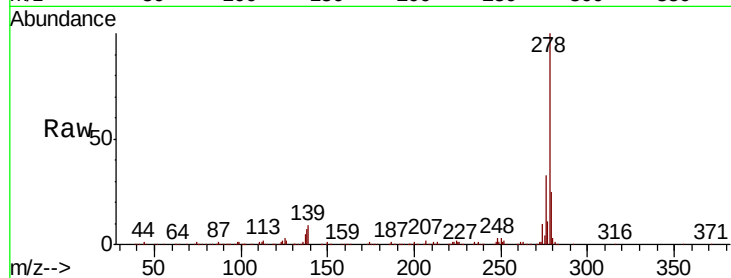
Tot Ion:278 Resp: 1187397

Ion Ratio Lower Upper

278 100

139 9.1 7.1 10.7

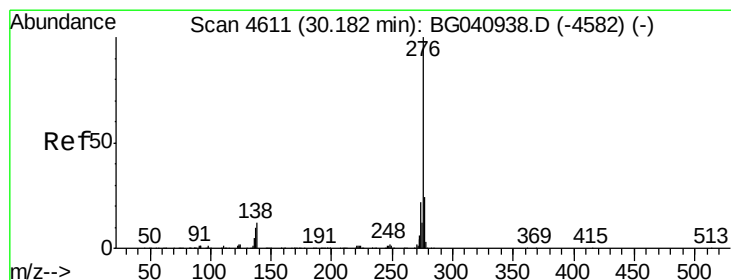
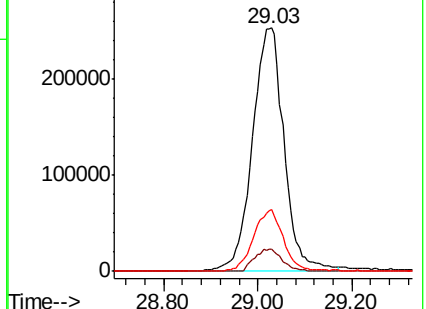
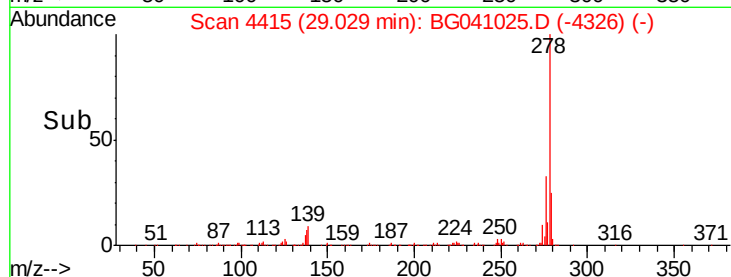
279 25.2 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.226 ng

RT: 30.16 min Scan# 4608

Delta R.T. -0.02 min

Lab File: BG041025.D

Acq: 3 Jun 2019 9:17

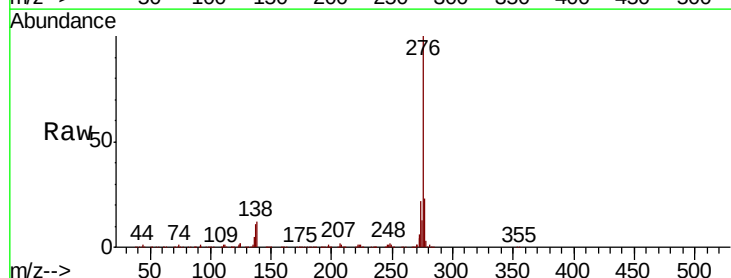
Tgt Ion:276 Resp: 1173846

Ion Ratio Lower Upper

276 100

277 22.6 19.4 29.0

138 11.7 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

