

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
 Data File : BG041557.D
 Acq On : 1 Jul 2019 13:48
 Operator : HP/JU
 Sample : PB120942BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120942BS

Quant Time: Jul 01 14:26:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	22890	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	78232	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	54697	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	154195	20.00	ng	0.00
76) Chrysene-d12	21.70	240	187687	20.00	ng	0.00
87) Perylene-d12	24.98	264	203367	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	106305	82.80	ng	0.00
7) Phenol-d6	7.19	99	140468	77.72	ng	0.00
23) Nitrobenzene-d5	9.21	82	148467	79.15	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	81489	87.26	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	344954	80.93	ng	0.00
79) Terphenyl-d14	20.02	244	792804	89.77	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	21497	36.989	ng	95
3) Pyridine	3.82	79	51550	34.959	ng	94
4) n-Nitrosodimethylamine	3.75	42	31417	38.287	ng	# 97
6) Aniline	7.35	93	52003	22.322	ng	94
8) 2-Chlorophenol	7.59	128	57254	39.763	ng	96
9) Benzaldehyde	7.17	77	38451	35.227	ng	95
10) Phenol	7.22	94	73005	40.078	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	50573	35.009	ng	98
12) 1,3-Dichlorobenzene	7.91	146	66572	35.741	ng	98
13) 1,4-Dichlorobenzene	8.06	146	68162	36.300	ng	98
14) 1,2-Dichlorobenzene	8.38	146	64444	35.845	ng	97
15) Benzyl Alcohol	8.28	79	56053	38.943	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	64030	31.564	ng	95
17) 2-Methylphenol	8.48	107	50794	38.307	ng	92
18) Hexachloroethane	9.10	117	26631	35.944	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	45105	33.457	ng	92
20) 3+4-Methylphenols	8.81	107	67833	38.382	ng	97
22) Acetophenone	8.86	105	92007	39.208	ng	# 98
24) Nitrobenzene	9.25	77	74343	39.486	ng	99
25) Isophorone	9.77	82	124853	37.074	ng	99
26) 2-Nitrophenol	9.97	139	31980	40.671	ng	96
27) 2,4-Dimethylphenol	10.02	122	52437	47.916	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	66010	37.068	ng	98
29) 2,4-Dichlorophenol	10.50	162	65148	44.074	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	73126	38.598	ng	95
31) Naphthalene	10.90	128	174939	40.435	ng	99
32) Benzoic acid	10.17	122	27612	44.737	ng	95
33) 4-Chloroaniline	11.03	127	42934	23.574	ng	94
34) Hexachlorobutadiene	11.16	225	56588	37.628	ng	100
35) Caprolactam	11.81	113	18614	40.330	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	68228	42.601	ng	97
37) 2-Methylnaphthalene	12.51	142	124740	39.027	ng	97
38) 1-Methylnaphthalene	12.72	142	121570	39.868	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	98025	40.700	ng	98

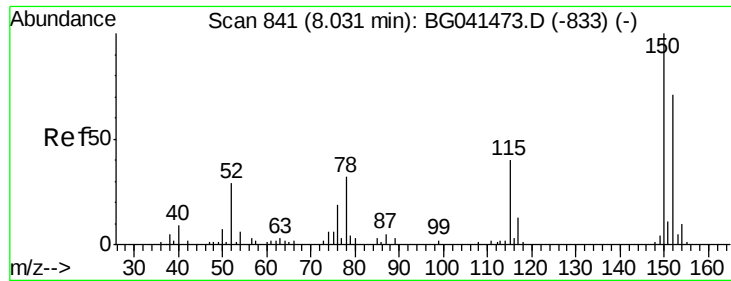
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
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 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	113009	86.185	nq	92
43) 2,4,6-Trichlorophenol	13.11	196	60308	42.204	nq	95
44) 2,4,5-Trichlorophenol	13.19	196	62612	43.981	nq	94
46) 1,1'-Biphenyl	13.51	154	173857	40.266	nq	99
47) 2-Chloronaphthalene	13.56	162	143629	38.746	nq	99
48) 2-Nitroaniline	13.78	65	46495	37.001	nq	# 90
49) Acenaphthylene	14.40	152	225794	40.752	nq	99
50) Dimethylphthalate	14.12	163	194482	39.072	nq	98
51) 2,6-Dinitrotoluene	14.26	165	41761	39.535	nq	95
52) Acenaphthene	14.74	154	129547	39.428	nq	98
53) 3-Nitroaniline	14.60	138	28942	28.701	nq	88
54) 2,4-Dinitrophenol	14.81	184	44527	65.231	nq	93
55) Dibenzofuran	15.07	168	237430	41.509	nq	98
56) 4-Nitrophenol	14.92	139	62308	95.743	nq	98
57) 2,4-Dinitrotoluene	15.05	165	63609	41.509	nq	97
58) Fluorene	15.72	166	186756	41.041	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	69106	46.046	nq	99
60) Diethylphthalate	15.48	149	197035	38.672	nq	98
61) 4-Chlorophenyl-phenylether	15.71	204	118336	40.317	nq	96
62) 4-Nitroaniline	15.77	138	40549	41.259	nq	94
63) Azobenzene	16.00	77	172508	40.158	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	39780	41.655	nq	94
66) n-Nitrosodiphenylamine	15.93	169	168220	39.639	nq	97
67) 4-Bromophenyl-phenylether	16.60	248	78903	37.446	nq	98
68) Hexachlorobenzene	16.72	284	84211	37.092	nq	99
69) Atrazine	16.87	200	76421	42.543	nq	95
70) Pentachlorophenol	17.07	266	91703	89.144	nq	93
71) Phenanthrene	17.47	178	348946	41.074	nq	100
72) Anthracene	17.56	178	352421	41.460	nq	99
73) Carbazole	17.84	167	308577	42.703	nq	100
74) Di-n-butylphthalate	18.36	149	355436	39.135	nq	100
75) Fluoranthene	19.48	202	494256	43.636	nq	100
77) Benzidine	19.66	184	176255	42.324	nq	97
78) Pyrene	19.84	202	498402	38.899	nq	100
80) Butylbenzylphthalate	20.70	149	177941	37.186	nq	95
81) Benzo(a)anthracene	21.68	228	519427	39.807	nq	100
82) 3,3'-Dichlorobenzidine	21.60	252	131490	29.101	nq	98
83) Chrysene	21.74	228	500686	39.641	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	253865	37.422	nq	98
85) Di-n-octyl phthalate	22.77	149	436245	38.001	nq	98
86) Indeno(1,2,3-cd)pyrene	28.76	276	605291	39.577	nq	100
88) Benzo(b)fluoranthene	23.93	252	516837	39.845	nq	99
89) Benzo(k)fluoranthene	24.00	252	517584	40.643	nq	97
90) Benzo(a)pyrene	24.83	252	512794	41.624	nq	99
91) Dibenzo(a,h)anthracene	28.82	278	511221	41.421	nq	99
92) Benzo(g,h,i)perylene	29.95	276	511073	41.648	nq	98

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

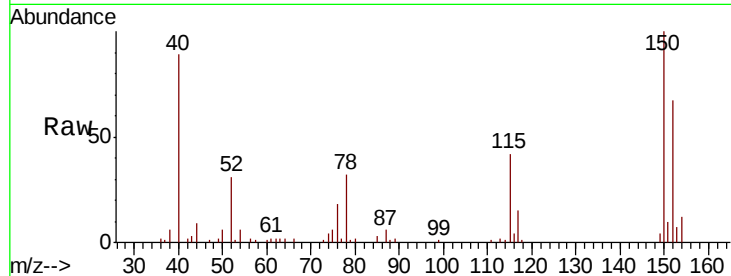


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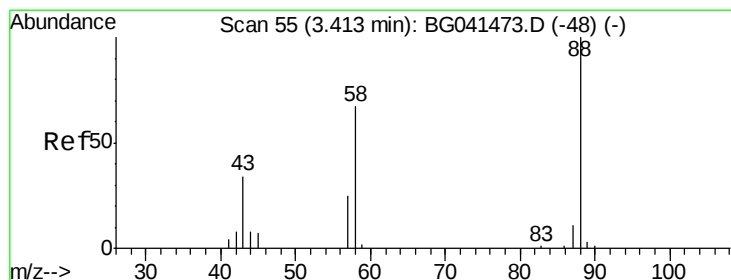
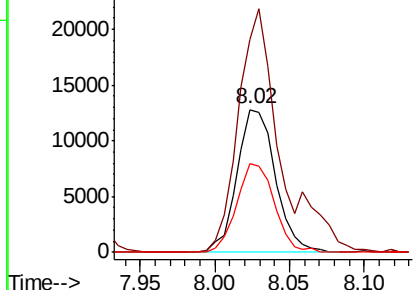
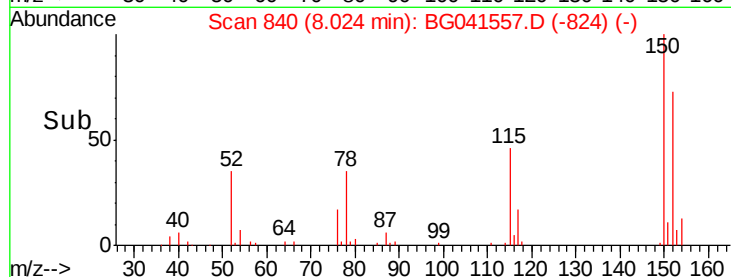
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120942BS

Tot Ion:152 Resp: 22890
Ion Ratio Lower Upper
152 100
150 149.5 112.4 168.6
115 62.3 44.6 66.8



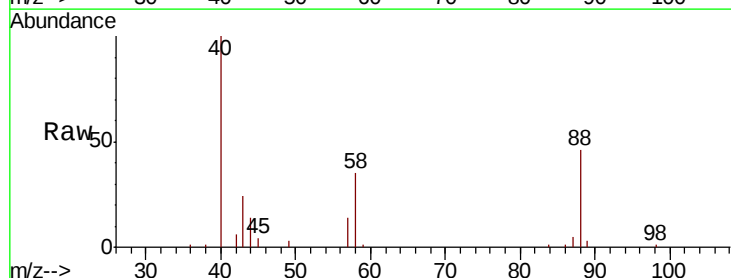
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



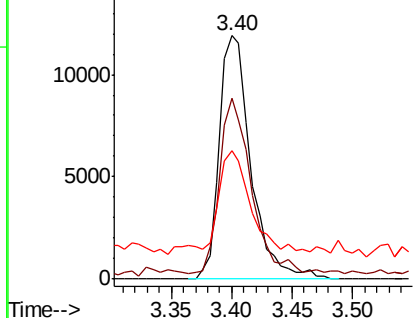
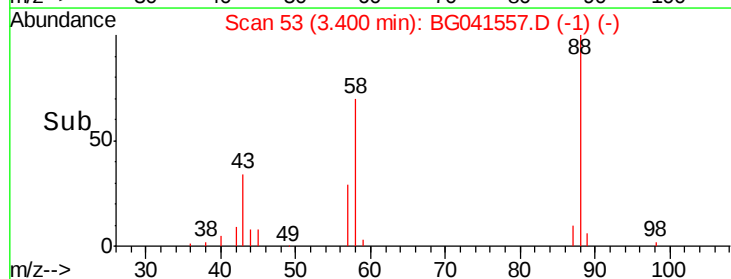
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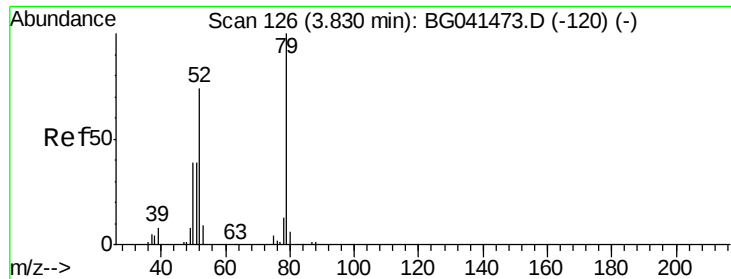
1,4-Dioxane
Concen: 36.989 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion: 88 Resp: 21497
Ion Ratio Lower Upper
88 100
58 72.4 55.8 83.8
43 40.0 27.8 41.8



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: 34.959 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

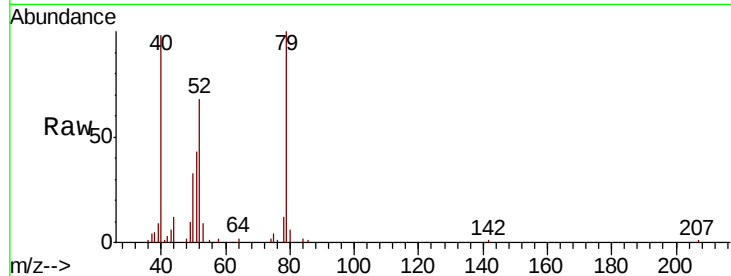
Tot Ion: 79 Resp: 51550

Ion Ratio Lower Upper

79 100

52 68.3 59.4 89.0

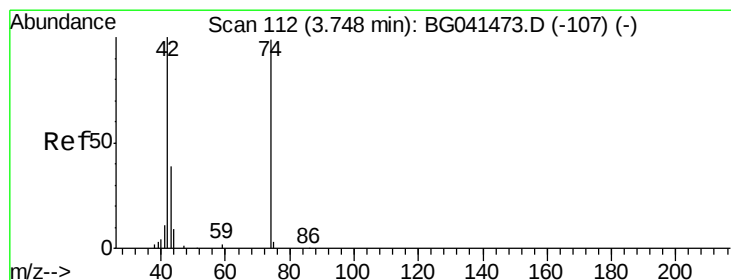
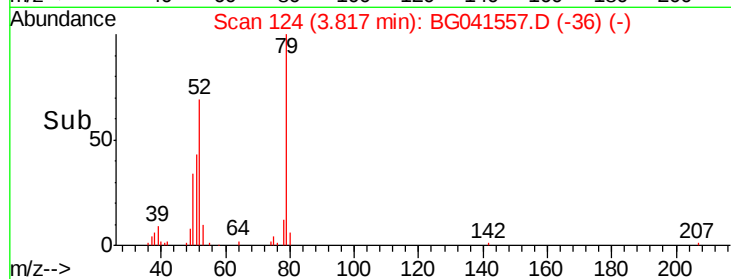
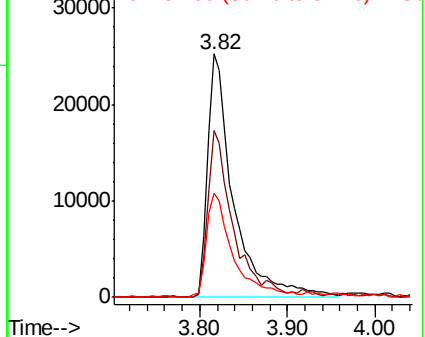
51 43.0 32.3 48.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.287 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

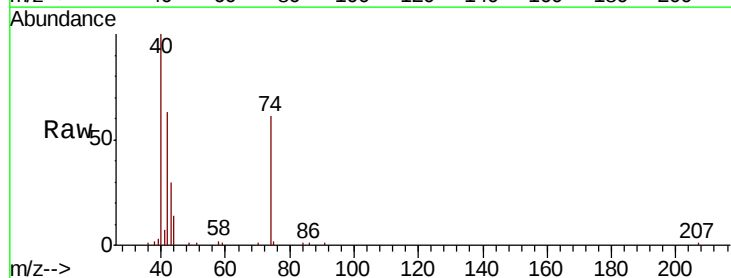
Tgt Ion: 42 Resp: 31417

Ion Ratio Lower Upper

42 100

74 97.1 79.5 119.3

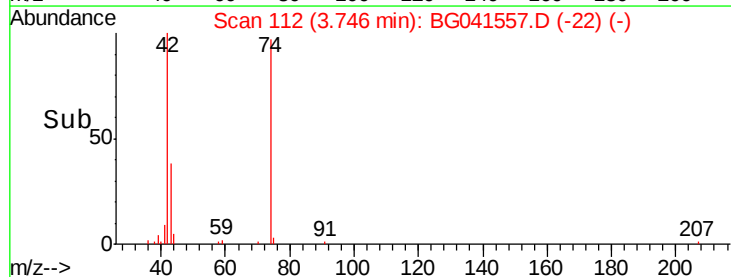
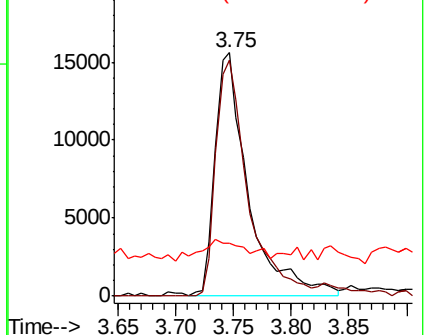
44 21.8 14.2 21.2#

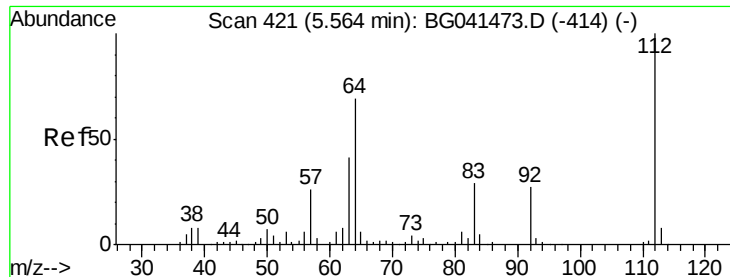


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.799 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

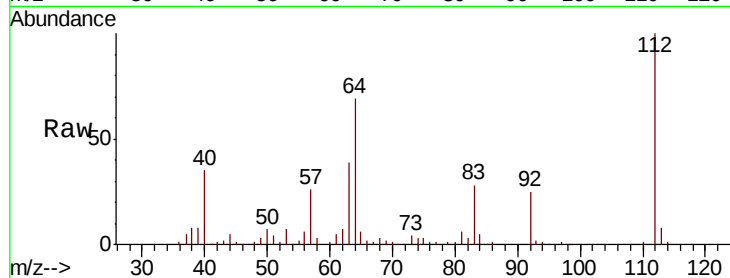
Tot Ion:112 Resp: 106305

Ion Ratio Lower Upper

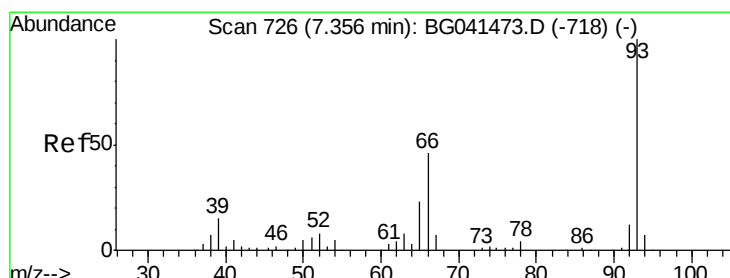
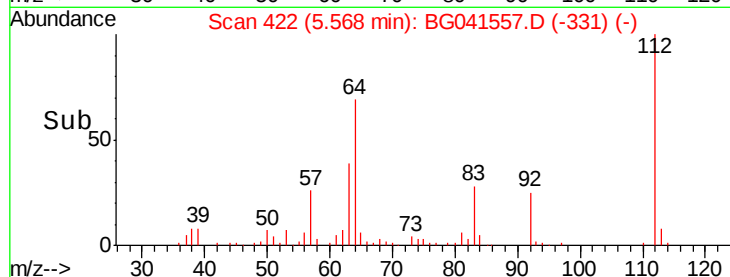
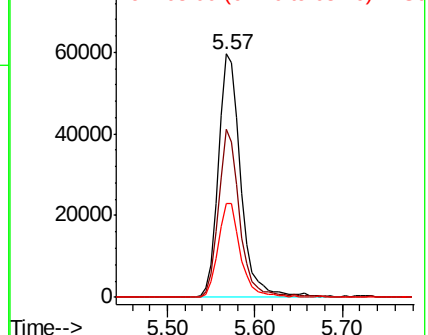
112 100

64 69.0 55.1 82.7

63 38.7 32.4 48.6



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: 22.322 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

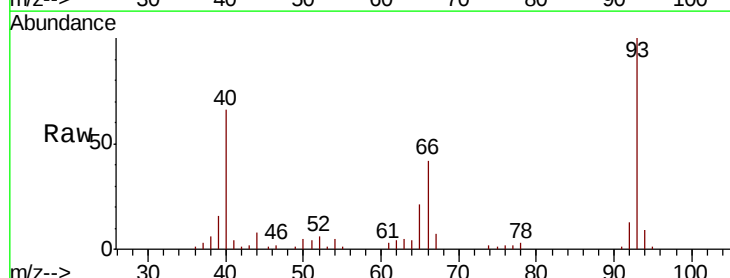
Tgt Ion: 93 Resp: 52003

Ion Ratio Lower Upper

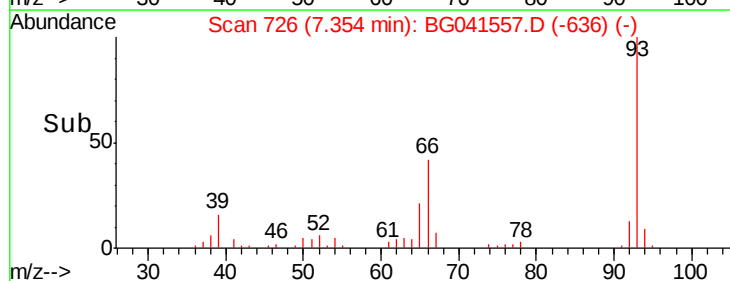
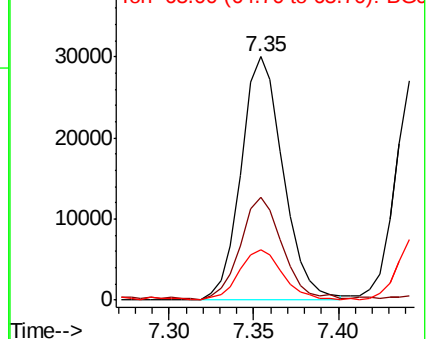
93 100

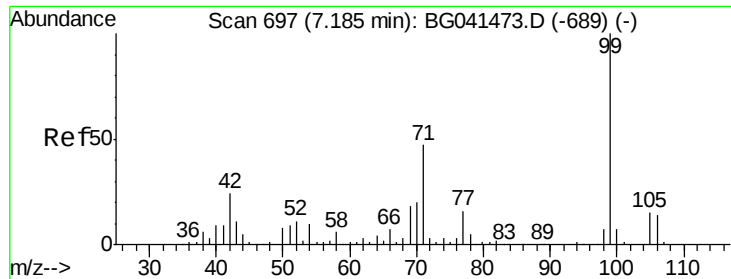
66 42.3 37.4 56.0

65 20.9 18.6 27.8



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: 77.719 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampled :

PB120942BS

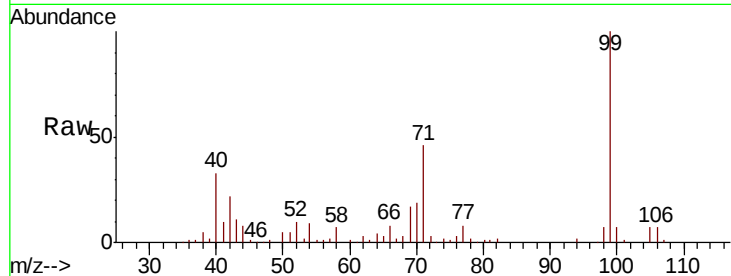
Tot Ion: 99 Resp: 140468

Ion Ratio Lower Upper

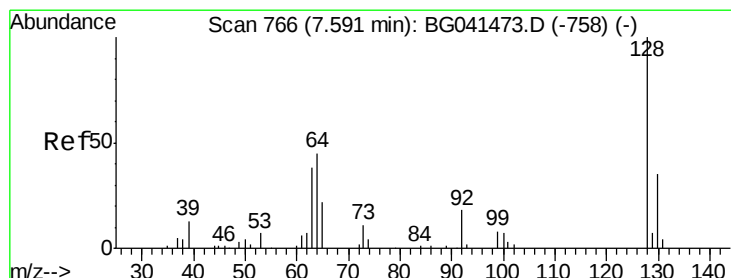
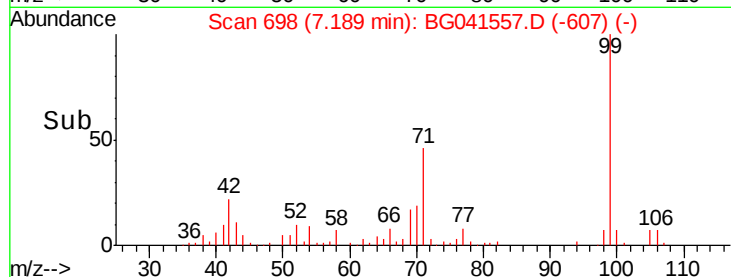
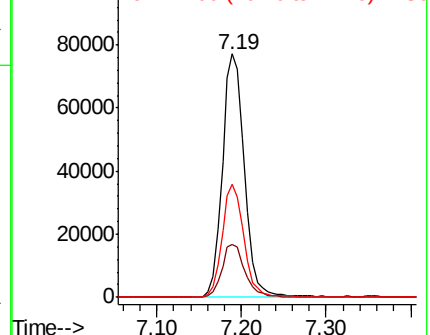
99 100

42 21.9 19.0 28.6

71 46.2 37.4 56.2



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



#8

2-Chlorophenol

Concen: 39.763 ng

RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

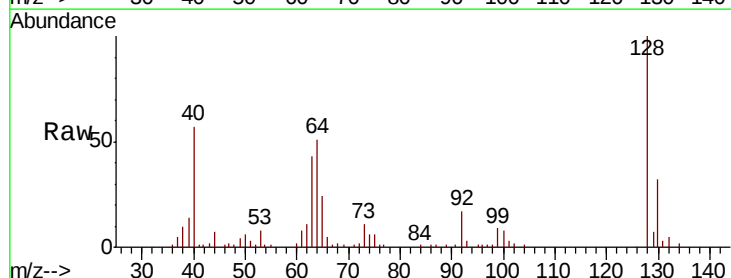
Tgt Ion: 128 Resp: 57254

Ion Ratio Lower Upper

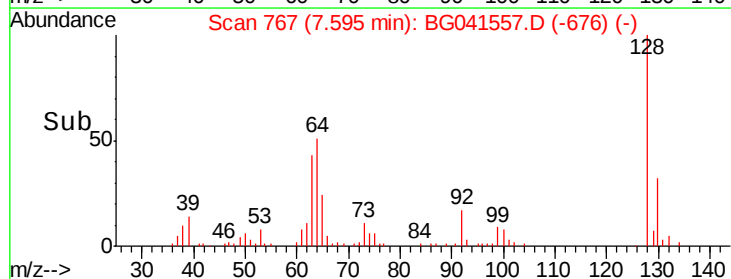
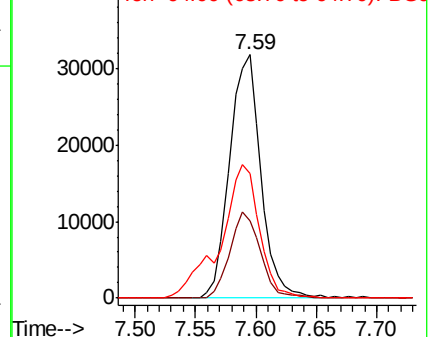
128 100

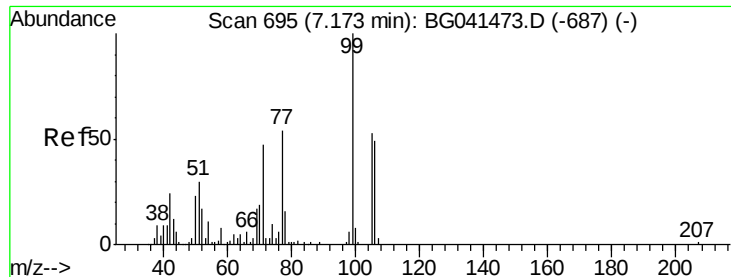
130 31.6 15.0 55.0

64 51.3 33.3 73.3



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





#9

Benzaldehyde

Concen: 35.227 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

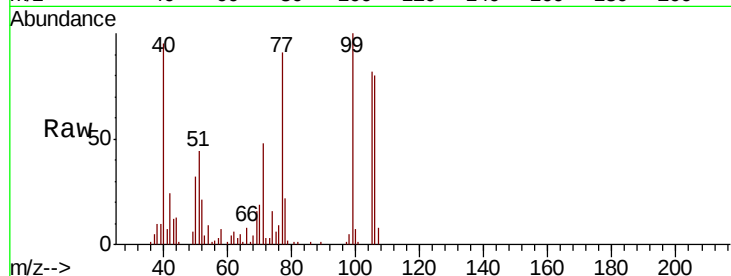
Tot Ion: 77 Resp: 38451

Ion Ratio Lower Upper

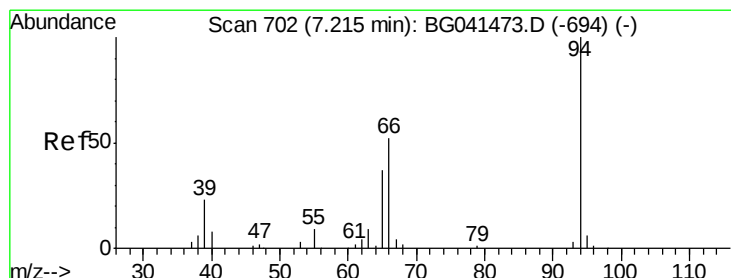
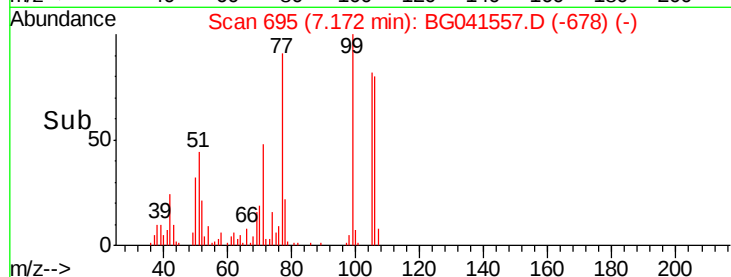
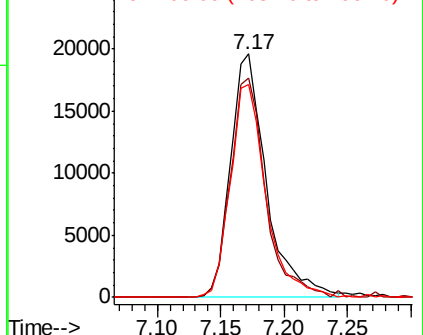
77 100

105 90.2 77.8 117.8

106 87.6 70.1 110.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.078 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

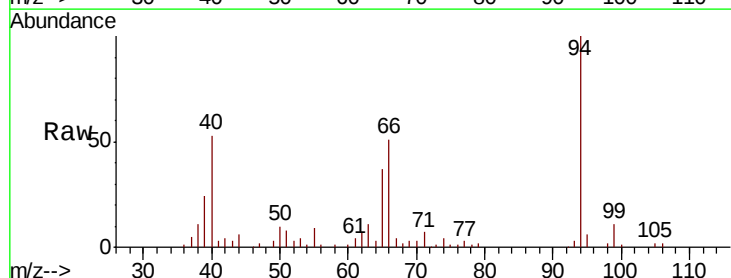
Tgt Ion: 94 Resp: 73005

Ion Ratio Lower Upper

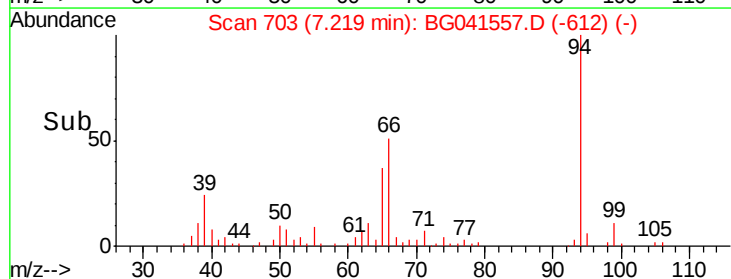
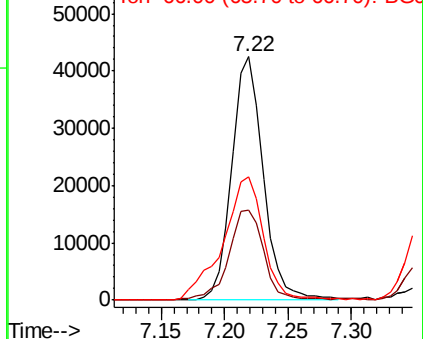
94 100

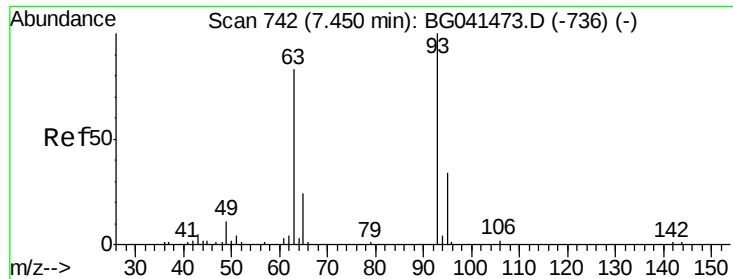
65 37.1 17.9 57.9

66 50.8 34.4 74.4



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





#11

bis(2-Chloroethyl)ether

Concen: 35.009 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

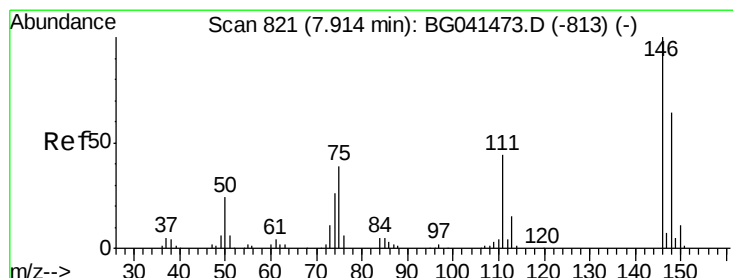
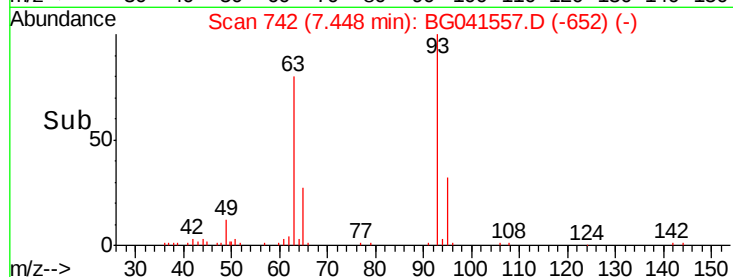
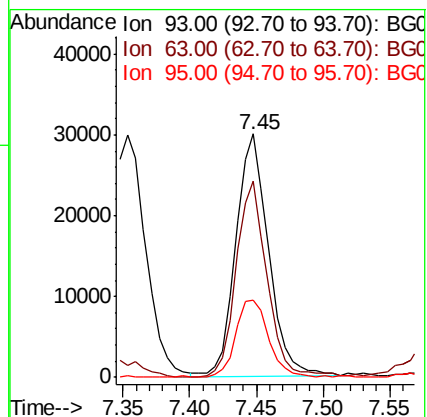
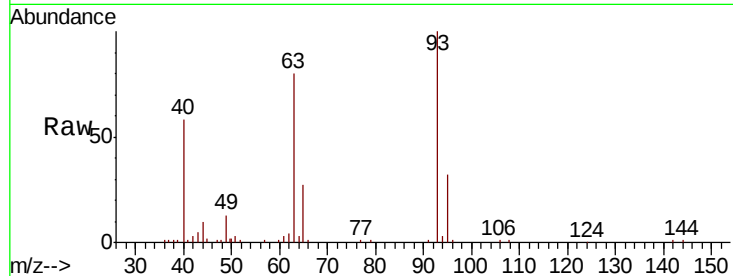
Tot Ion: 93 Resp: 50573

Ion Ratio Lower Upper

93 100

63 80.4 62.0 102.0

95 32.0 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 35.741 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

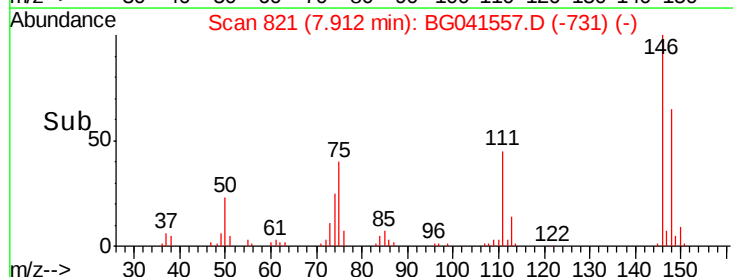
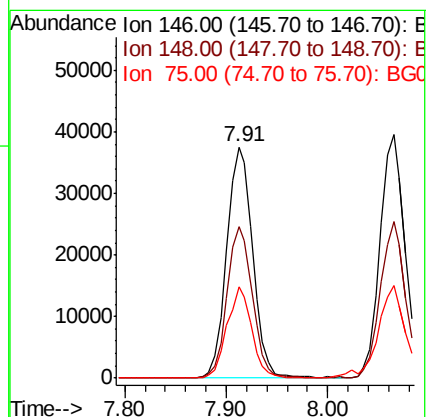
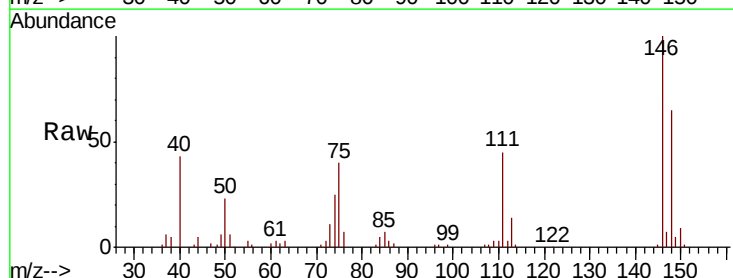
Tgt Ion: 146 Resp: 66572

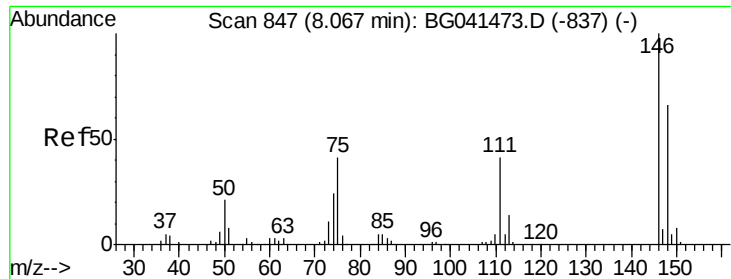
Ion Ratio Lower Upper

146 100

148 65.4 51.1 76.7

75 39.6 31.0 46.6

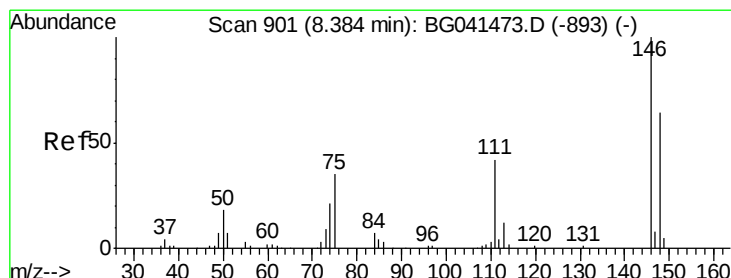
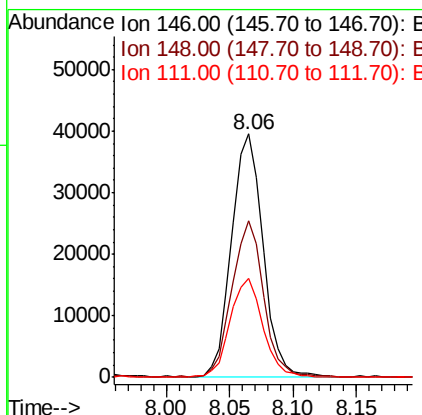
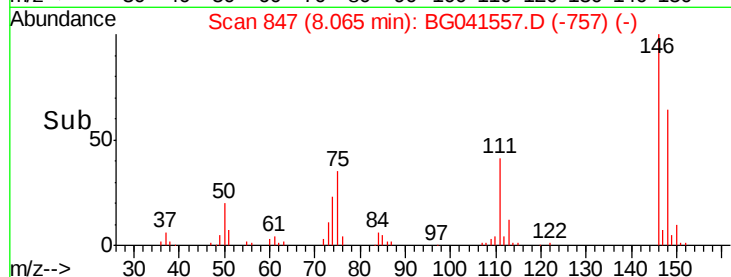
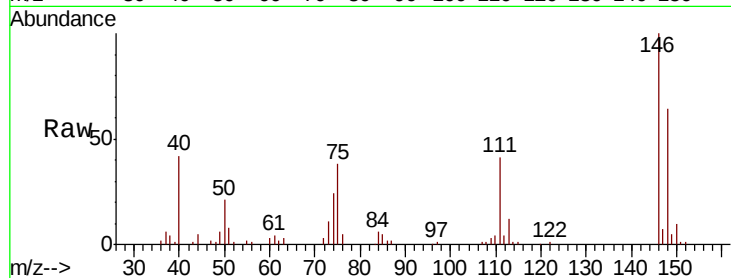




#13
 1,4-Dichlorobenzene
 Concen: 36.300 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

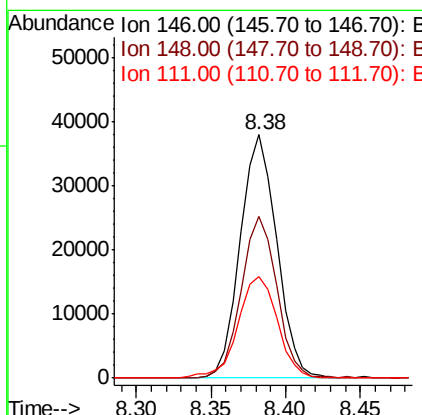
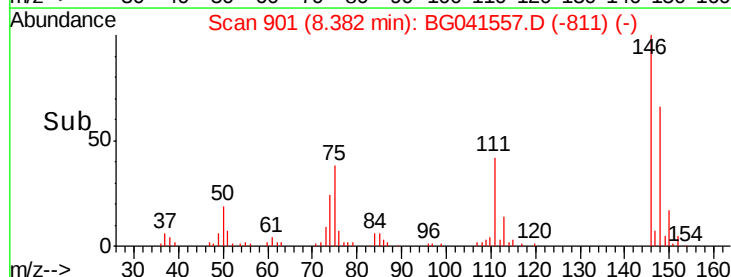
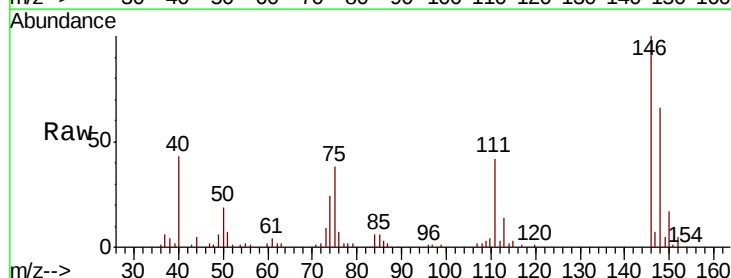
Instrument :
 BNA_G
 ClientSampleId :
 PB120942BS

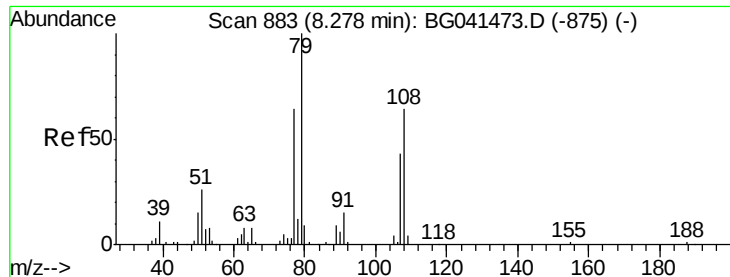
Tot Ion:146 Resp: 68162
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.8 79.2
 111 40.9 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 35.845 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

Tgt Ion:146 Resp: 64444
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.3 76.9
 111 41.8 34.3 51.5

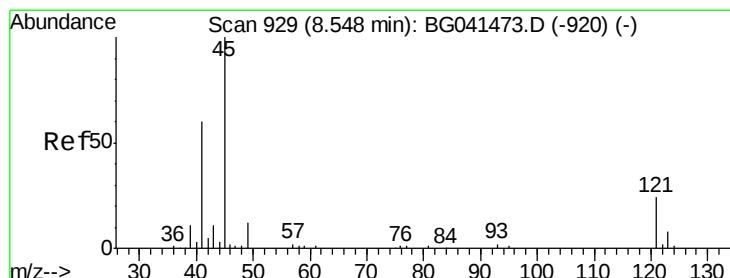
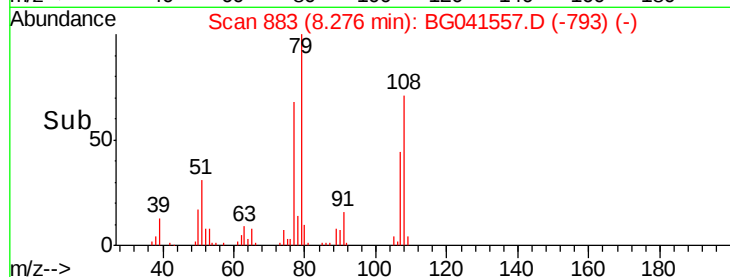
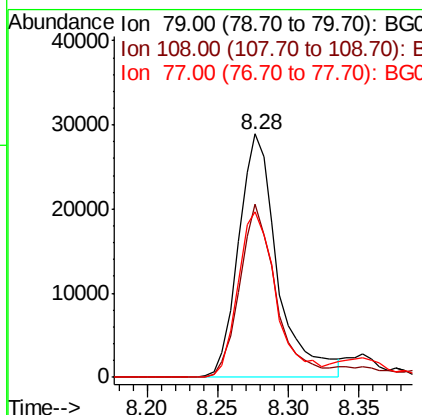
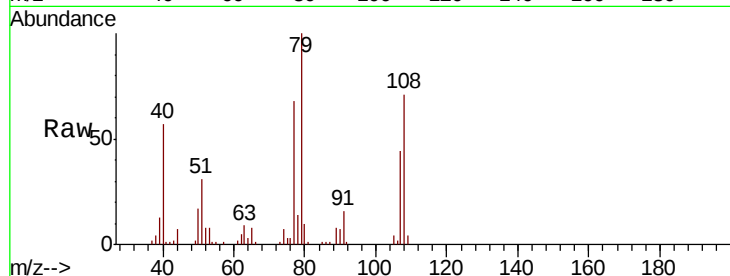




#15
Benzyl Alcohol
Concen: 38.943 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

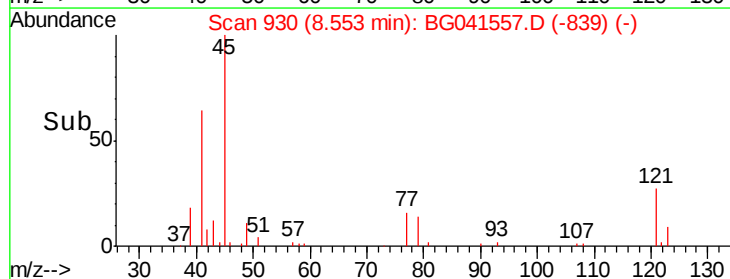
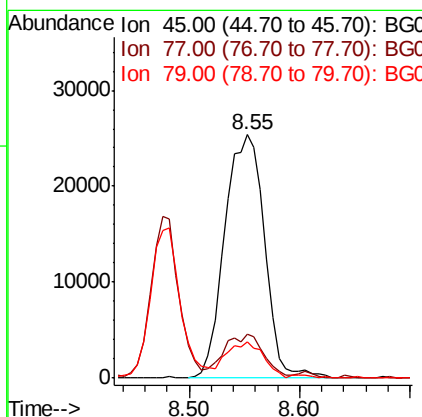
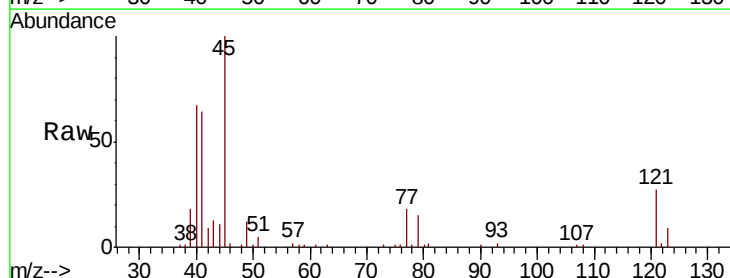
Instrument :
BNA_G
ClientSampleId :
PB120942BS

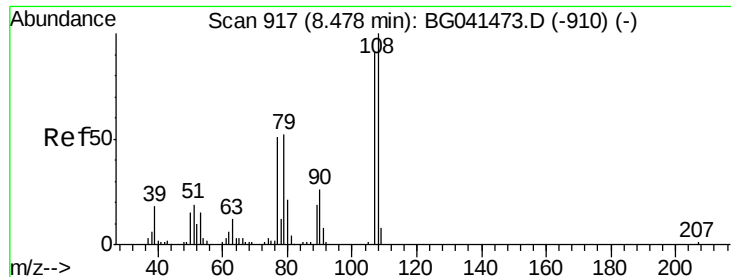
Tot Ion: 79 Resp: 56053
Ion Ratio Lower Upper
79 100
108 71.3 51.4 77.0
77 68.0 50.8 76.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.564 ng
RT: 8.55 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion: 45 Resp: 64030
Ion Ratio Lower Upper
45 100
77 17.9 0.0 36.3
79 15.1 0.0 32.4

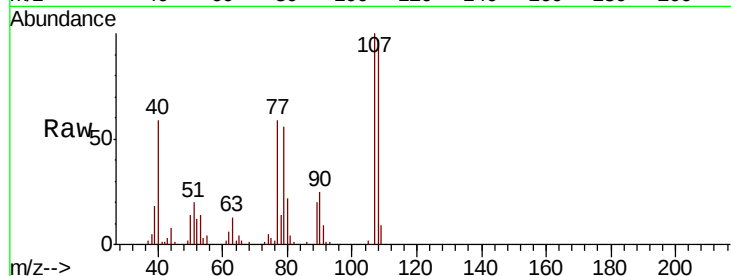




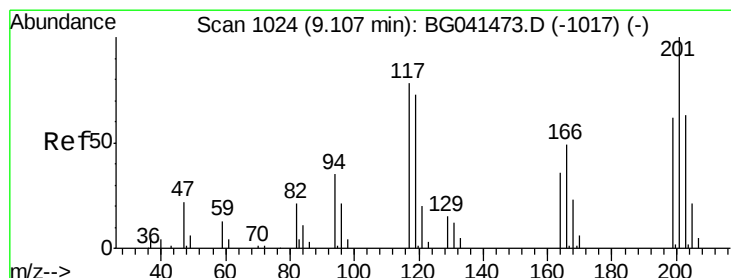
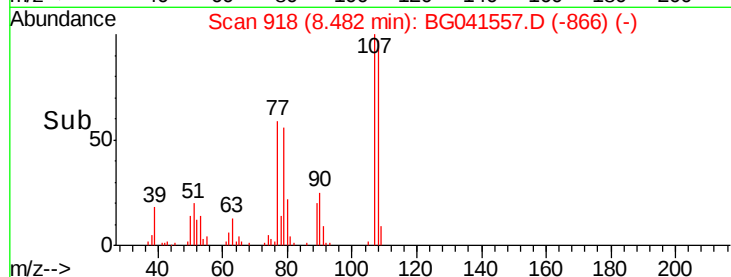
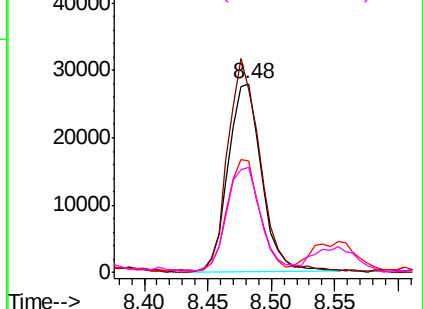
#17
2-Methylphenol
Concen: 38.307 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120942BS

Tot Ion:107 Resp: 50794
Ion Ratio Lower Upper
107 100
108 97.2 88.0 132.0
77 59.2 45.3 67.9
79 55.7 47.3 70.9

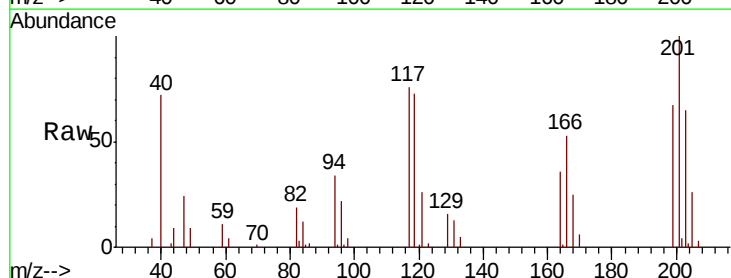


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

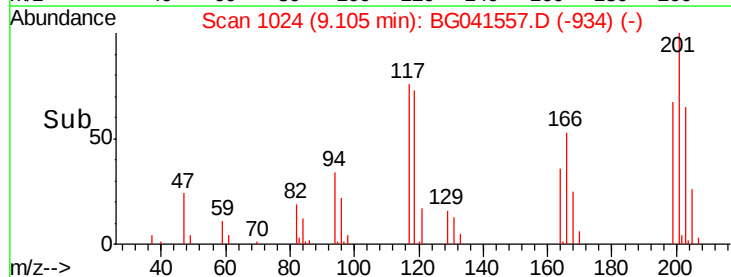
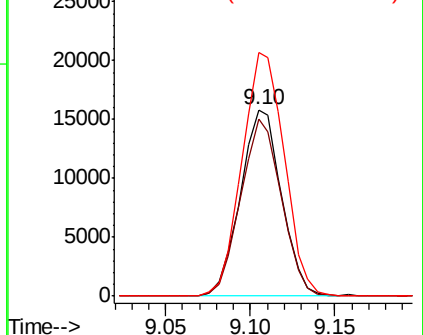


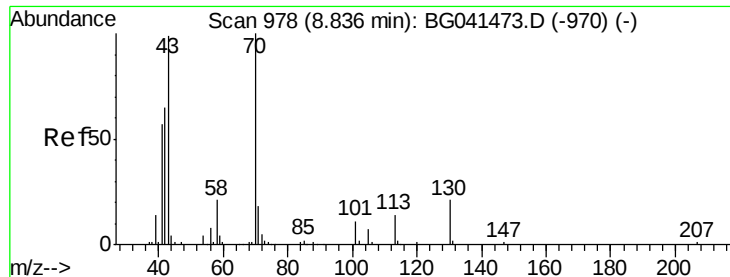
#18
Hexachloroethane
Concen: 35.944 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:117 Resp: 26631
Ion Ratio Lower Upper
117 100
119 95.4 74.3 111.5
201 130.8 102.3 153.5



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

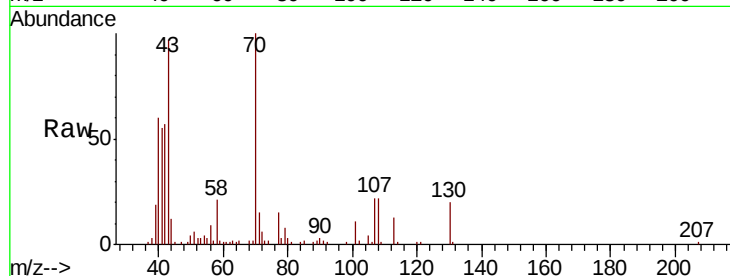




#19
n-Nitroso-di-n-propylamine
Concen: 33.457 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120942BS

Tot Ion:	70	Resp:	45105
Ion	Ratio	Lower	Upper
70	100		
42	56.9	52.6	78.8
101	10.6	8.6	13.0
130	20.1	16.6	25.0



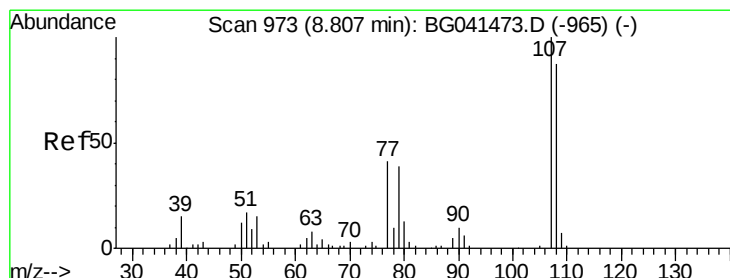
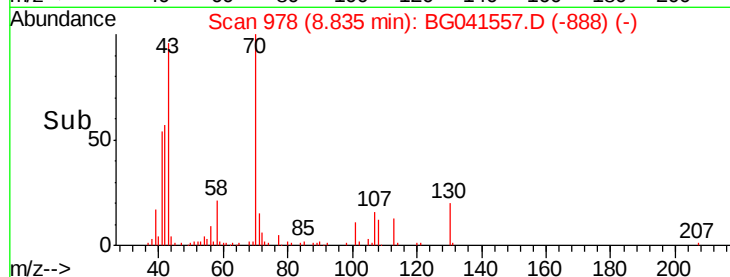
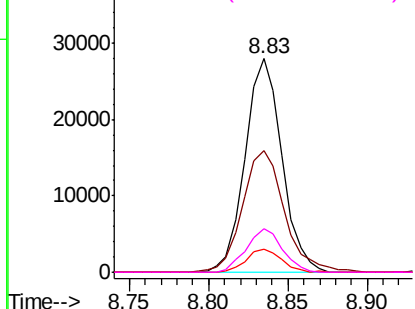
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

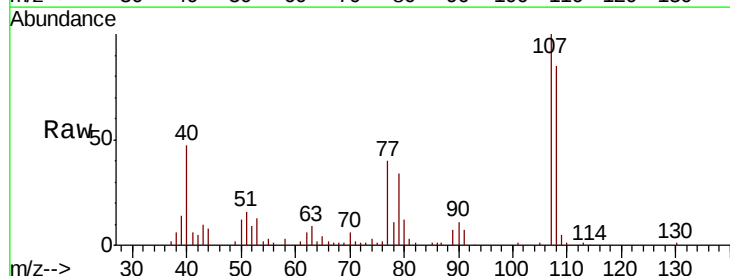
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.382 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:	107	Resp:	67833
Ion	Ratio	Lower	Upper
107	100		
108	84.7	67.0	107.0
77	39.9	20.6	60.6
79	34.5	18.9	58.9



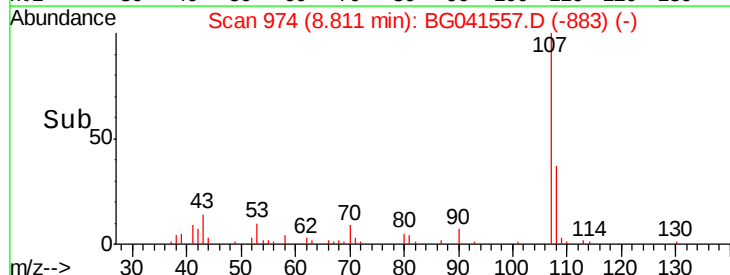
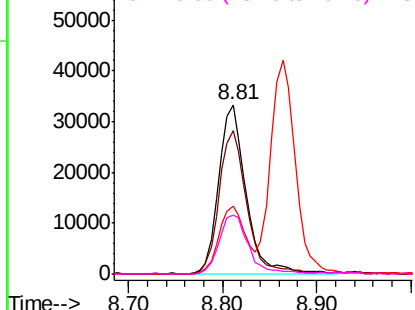
Abundance

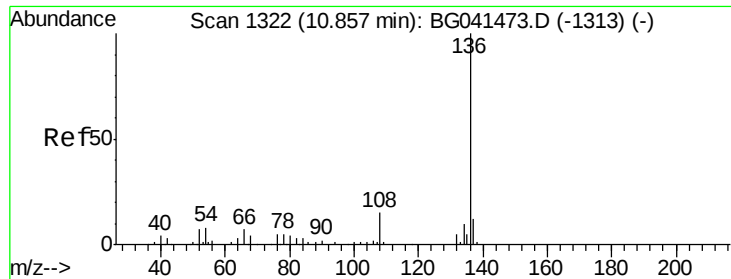
Ion 107.00 (106.70 to 107.70): BGC

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

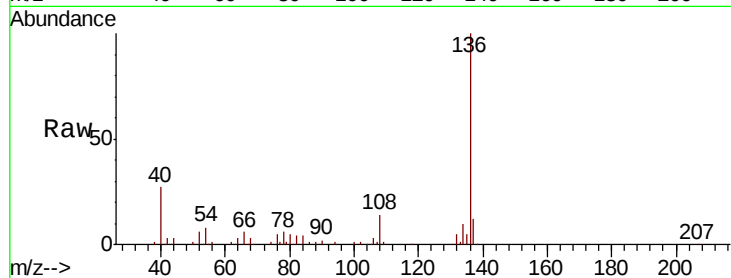




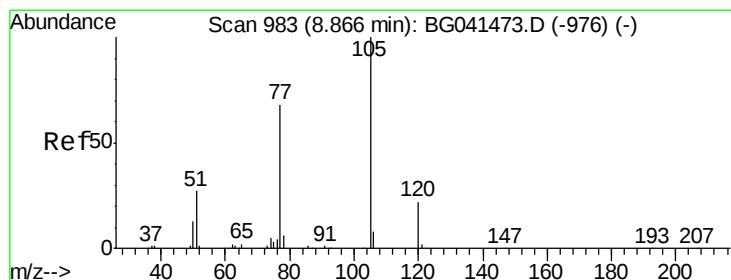
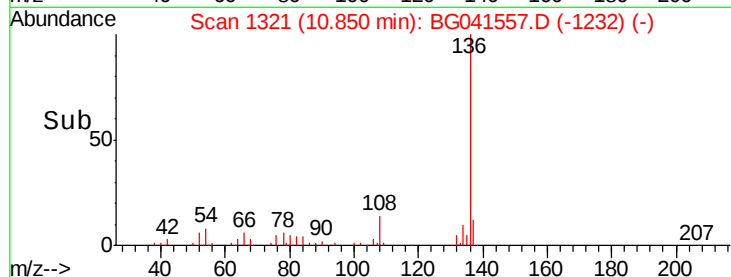
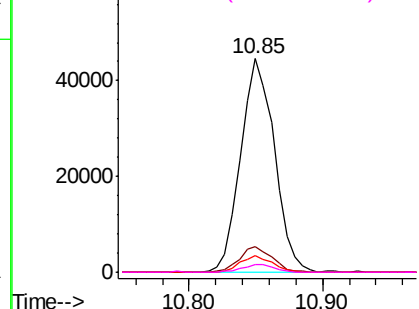
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120942BS

Tot Ion:136	Resp:	78232	
Ion Ratio	Lower	Upper	
136 100			
137 11.9	9.3	13.9	
54 7.8	7.1	10.7	
68 3.5	3.3	4.9	

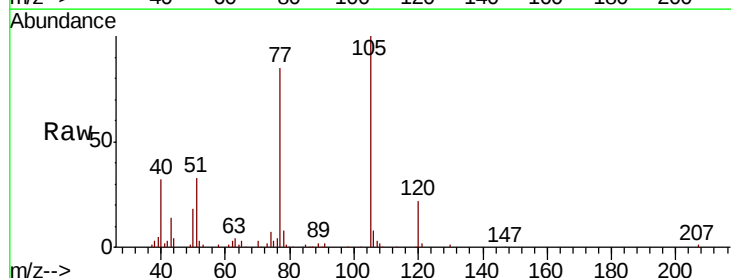


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

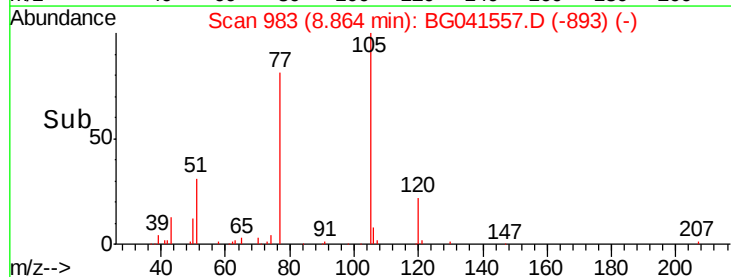
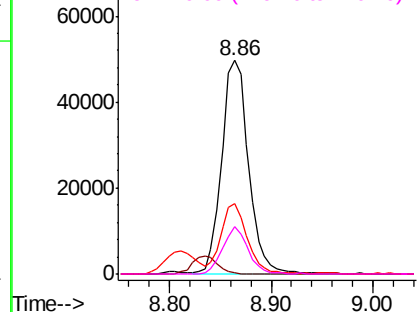


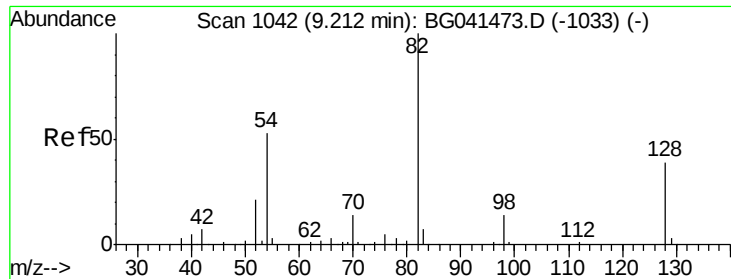
#22
Acetophenone
Concen: 39.208 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt	Ion:105	Resp:	92007
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.5	0.7#
51	33.0	25.0	37.6
120	22.4	17.6	26.4



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

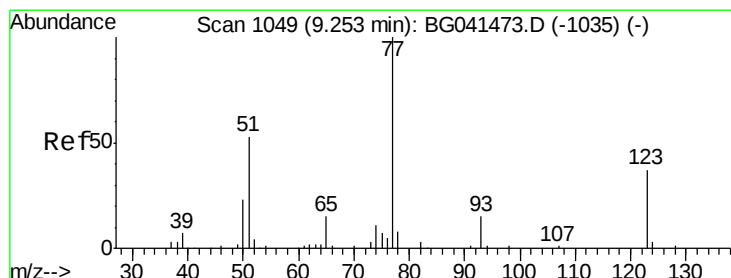
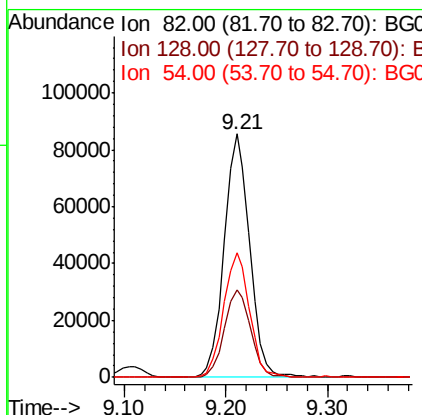
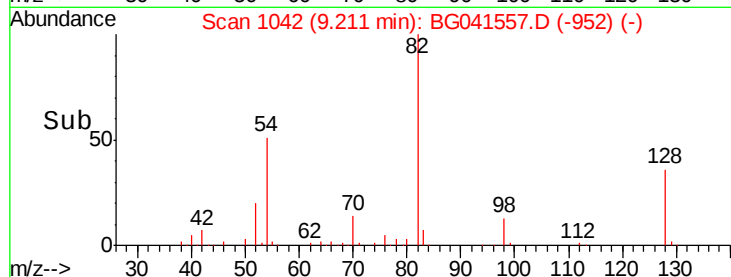
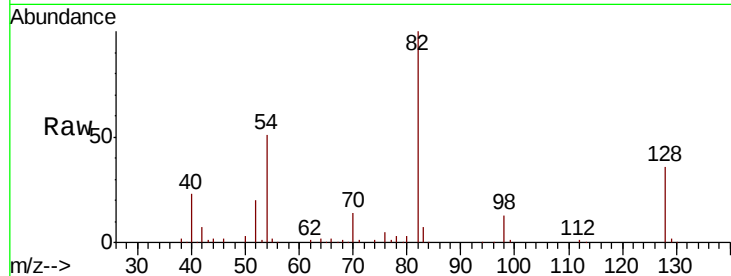




#23
 Nitrobenzene-d5
 Concen: 79.151 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

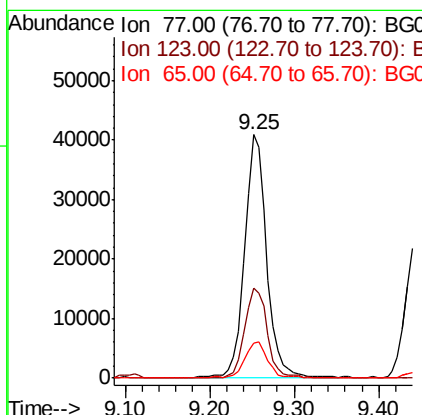
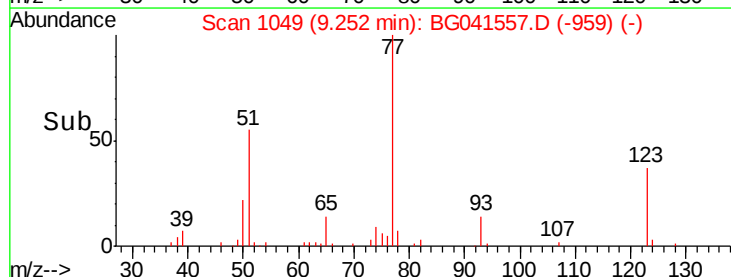
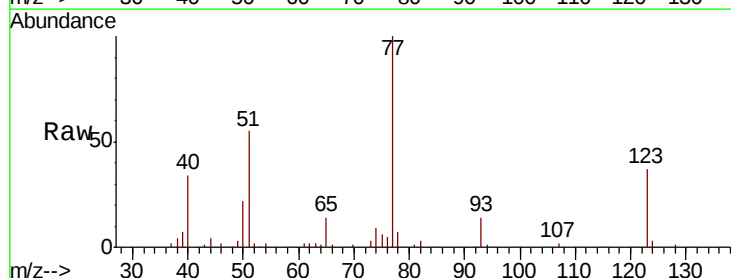
Instrument :
 BNA_G
 ClientSampleID :
 PB120942BS

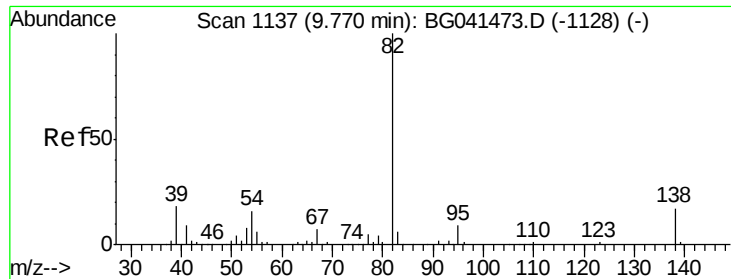
Tot Ion	82	Resp	148467
Ion Ratio	100	Lower	Upper
128	36.0	30.9	46.3
54	51.2	42.2	63.2



#24
 Nitrobenzene
 Concen: 39.486 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

Tgt Ion	77	Resp	74343
Ion Ratio	100	Lower	Upper
123	37.2	29.9	44.9
65	14.3	12.2	18.4

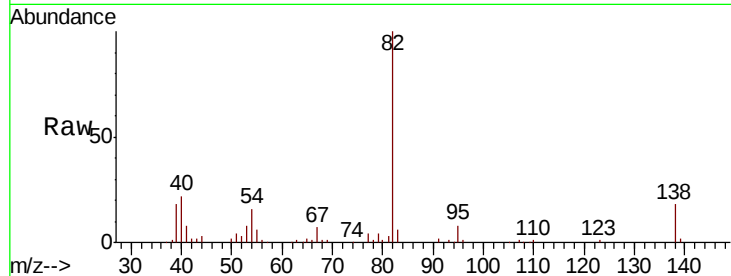




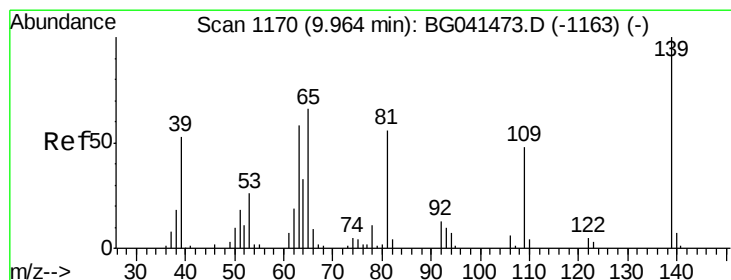
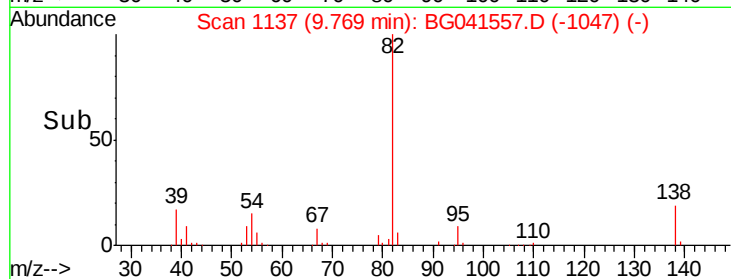
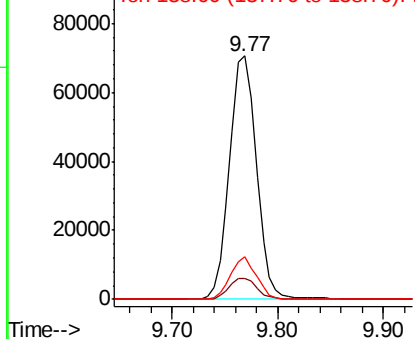
#25
Isophorone
Concen: 37.074 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120942BS

Tot Ion: 82 Resp: 124853
Ion Ratio Lower Upper
82 100
95 8.4 6.8 10.2
138 17.6 13.7 20.5

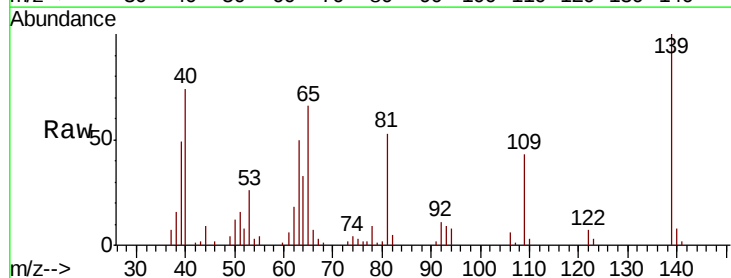


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

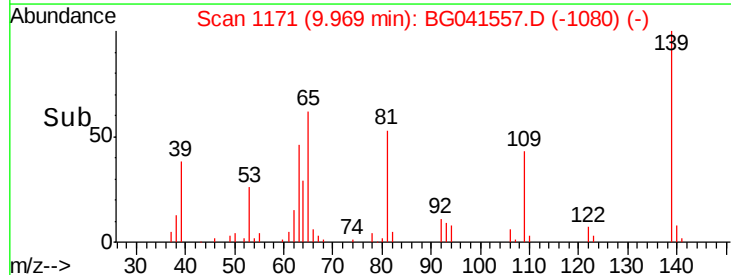
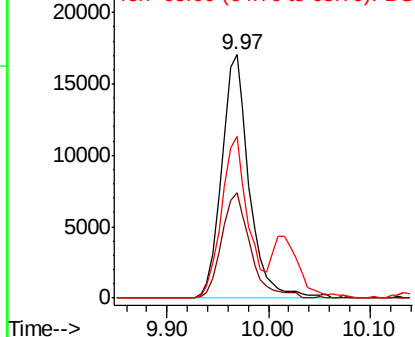


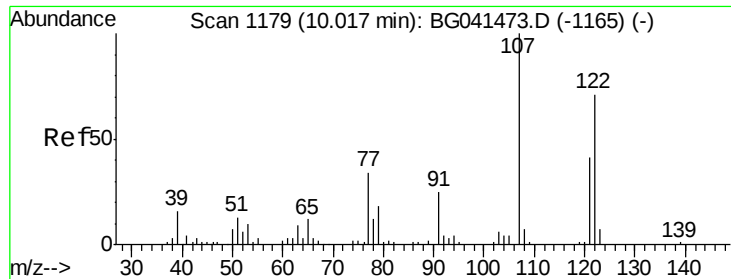
#26
2-Nitrophenol
Concen: 40.671 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion: 139 Resp: 31980
Ion Ratio Lower Upper
139 100
109 43.1 38.6 57.8
65 66.3 52.6 78.8



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

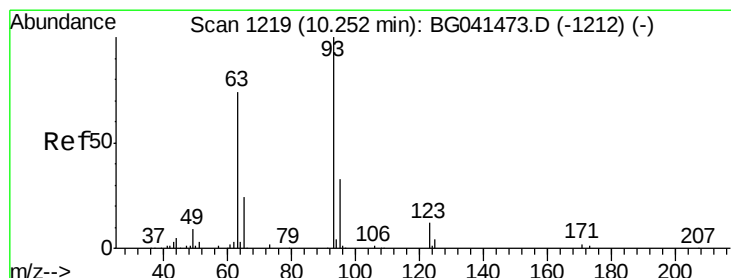
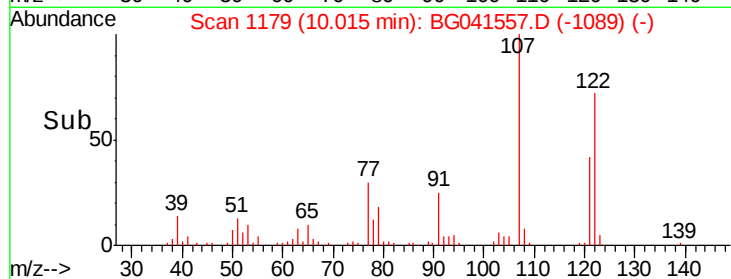
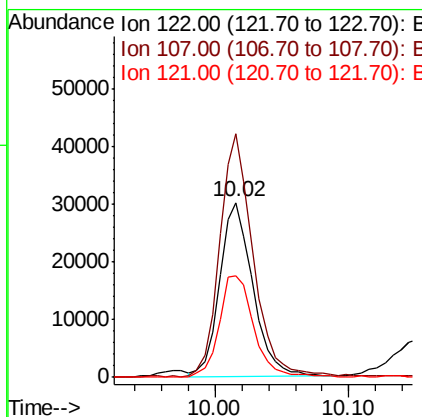
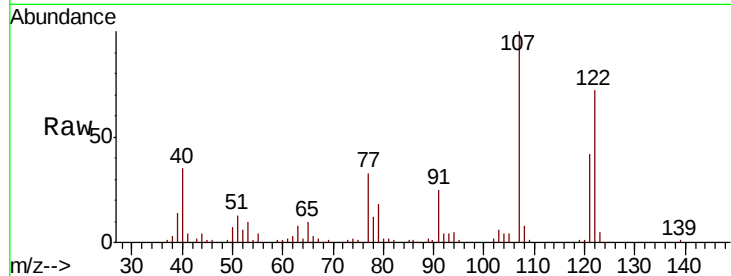




#27
 2,4-Dimethylphenol
 Concen: 47.916 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

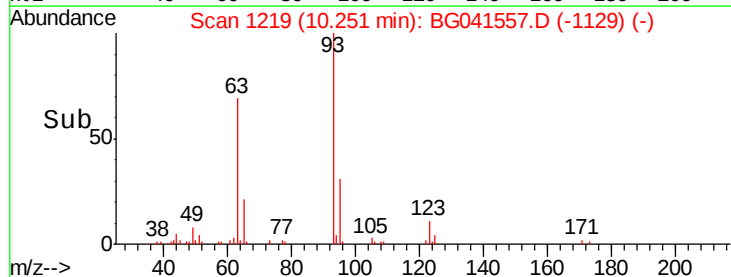
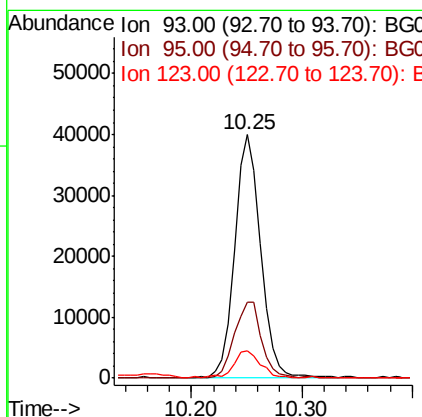
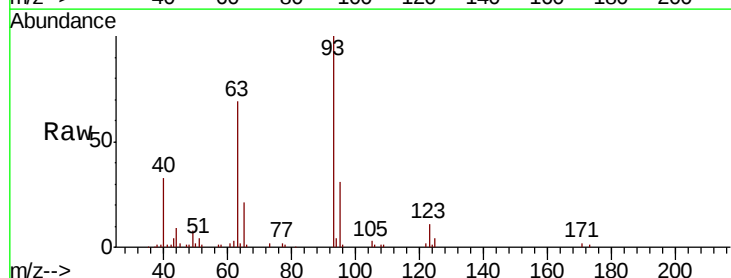
Instrument :
 BNA_G
 ClientSampled :
 PB120942BS

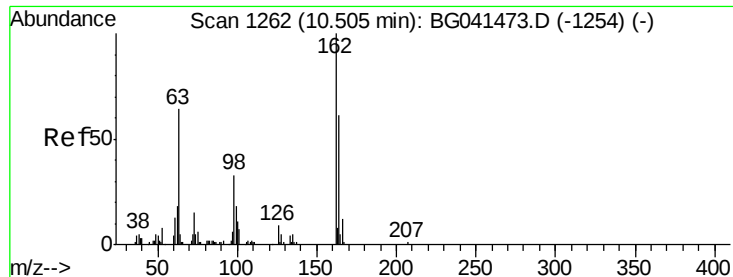
Tot Ion:122 Resp: 52437
 Ion Ratio Lower Upper
 122 100
 107 139.3 112.9 169.3
 121 57.8 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.068 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

Tgt Ion: 93 Resp: 66010
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.2 39.2
 123 11.4 9.6 14.4

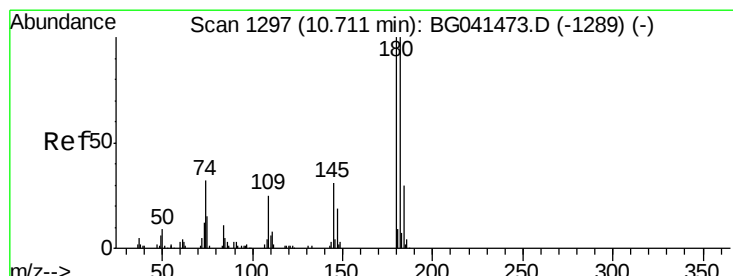
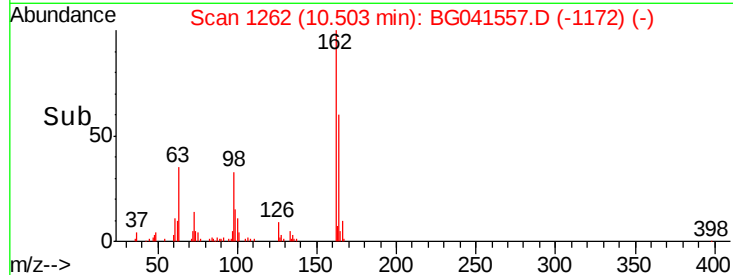
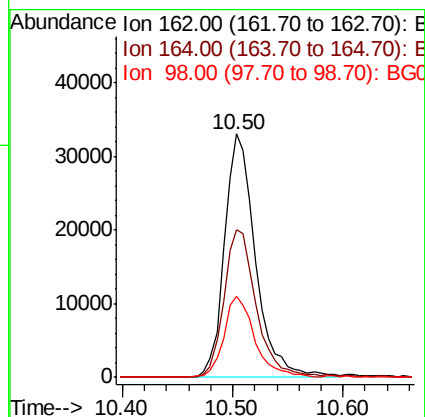
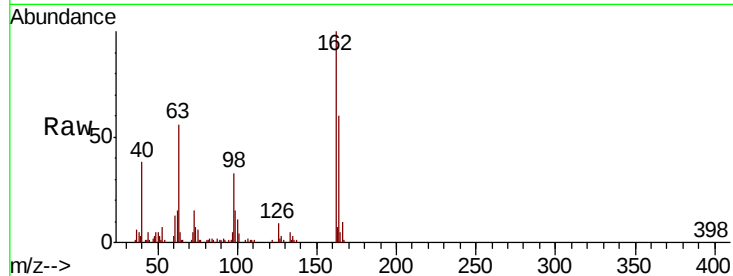




#29
 2,4-Dichlorophenol
 Concen: 44.074 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

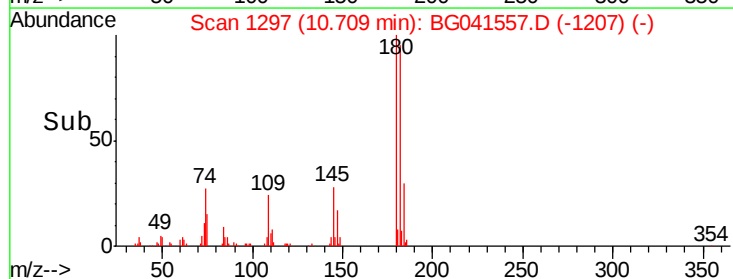
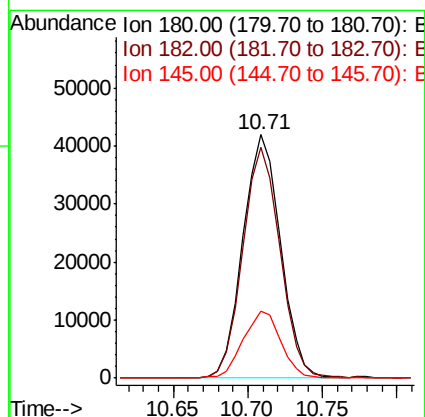
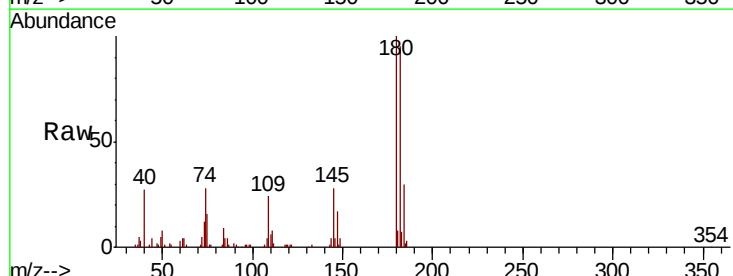
Instrument :
 BNA_G
 ClientSampleId :
 PB120942BS

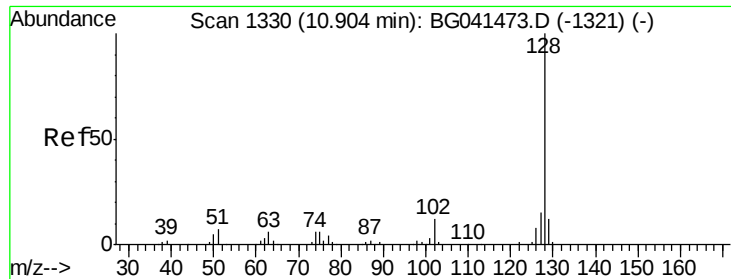
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.4	41.3	81.3
98	33.3	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.598 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	79.9	119.9
145	27.7	24.7	37.1

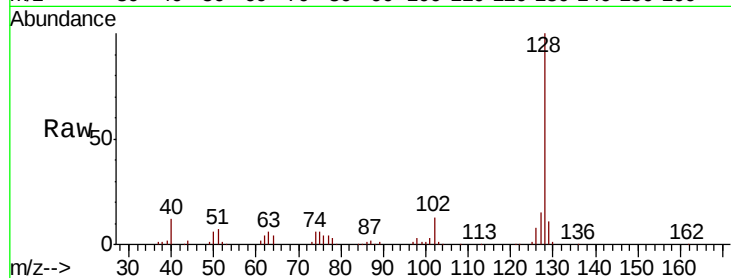




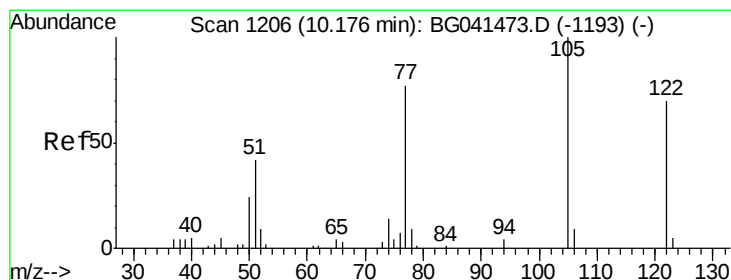
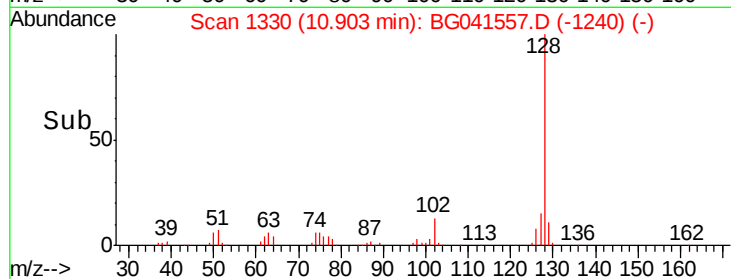
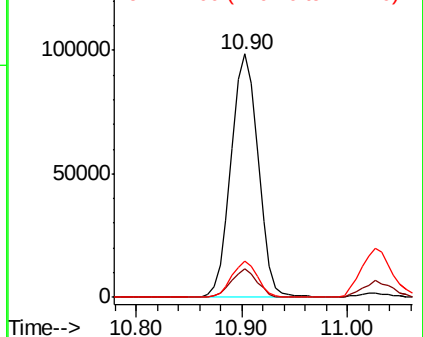
#31
Naphthalene
Concen: 40.435 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120942BS

Tot Ion:128 Resp: 174939
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 15.1 11.6 17.4

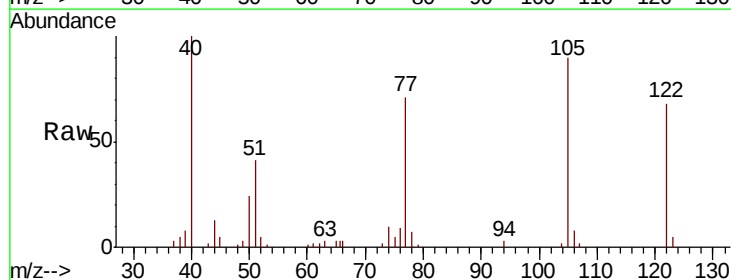


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

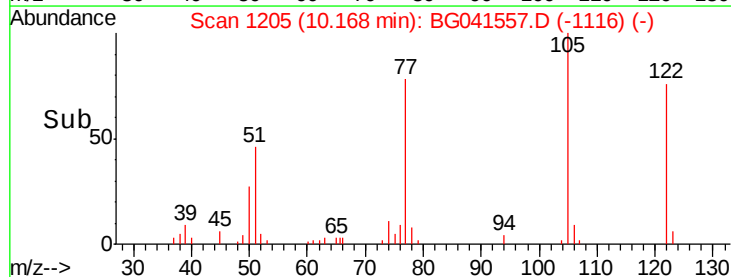
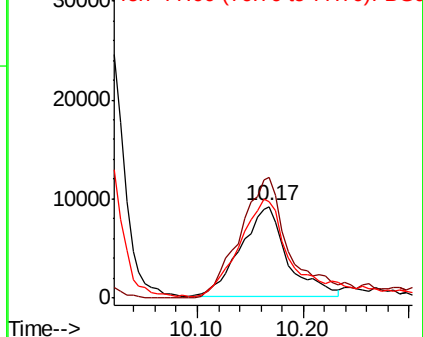


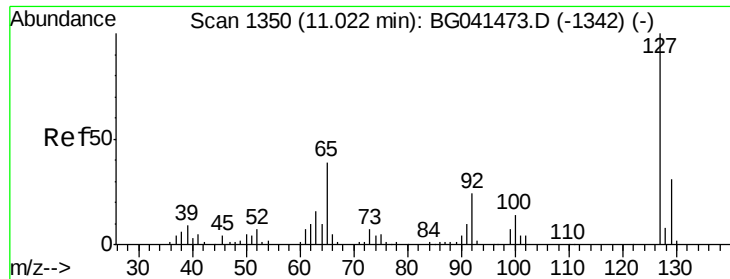
#32
Benzoic acid
Concen: 44.737 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:122 Resp: 27612
Ion Ratio Lower Upper
122 100
105 131.7 117.8 157.8
77 104.6 88.9 128.9



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): BGC

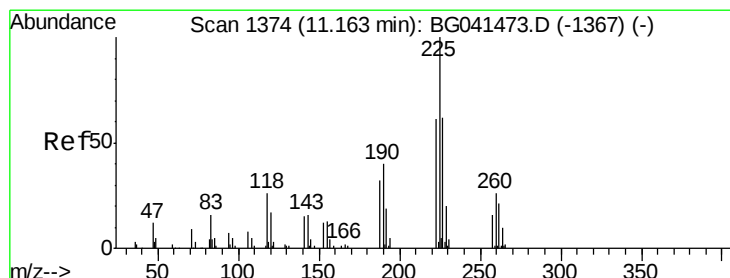
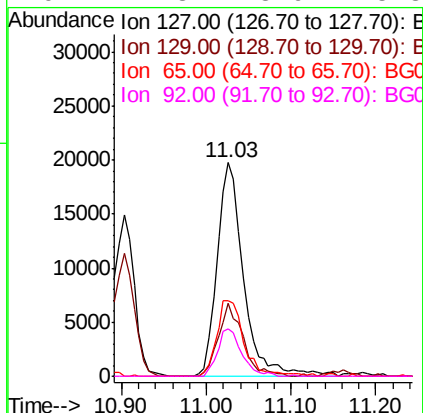
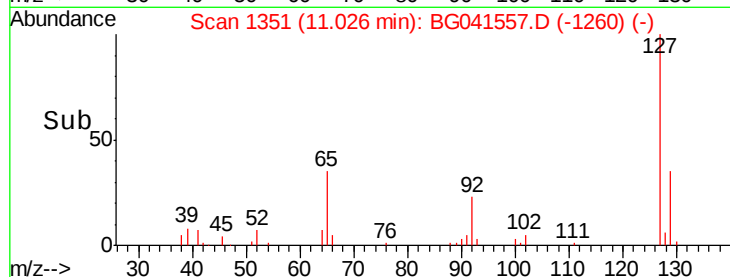
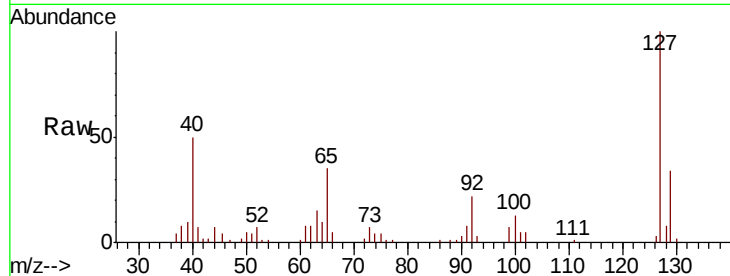




#33
4-Chloroaniline
Concen: 23.574 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

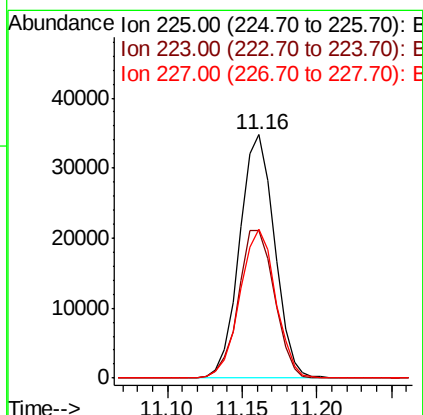
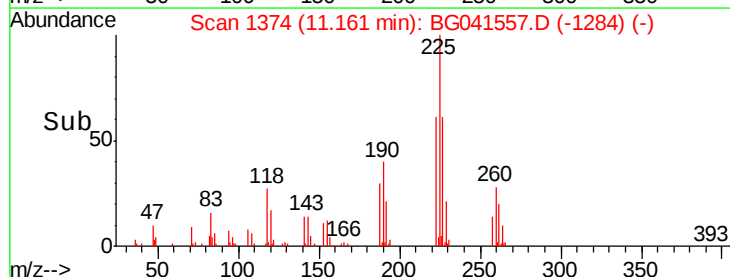
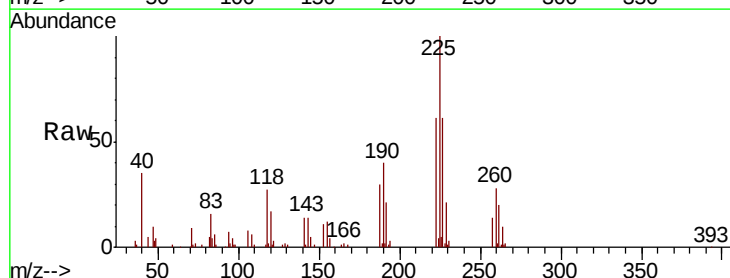
Instrument :
BNA_G
ClientSampleId :
PB120942BS

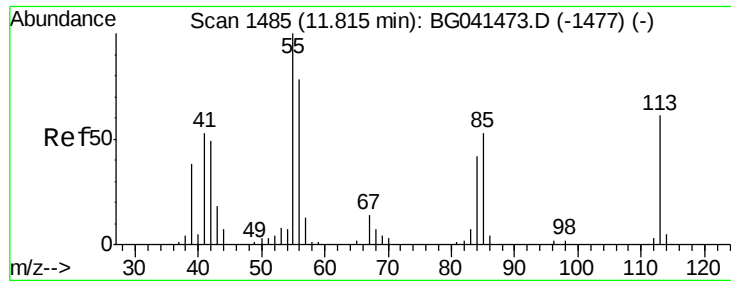
Tot Ion:127 Resp: 42934
Ion Ratio Lower Upper
127 100
129 34.3 24.6 37.0
65 35.4 31.5 47.3
92 22.3 18.9 28.3



#34
Hexachlorobutadiene
Concen: 37.628 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:225 Resp: 56588
Ion Ratio Lower Upper
225 100
223 60.8 48.6 72.8
227 61.2 49.3 73.9





#35

Caprolactam

Concen: 40.330 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

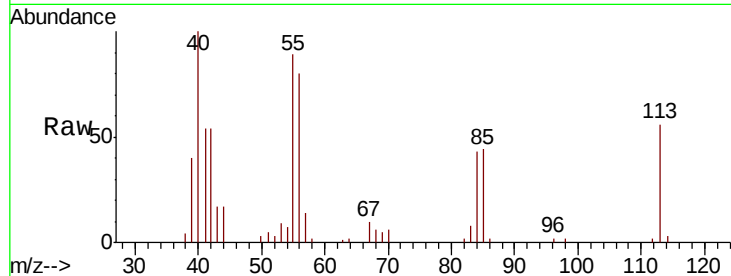
Tot Ion:113 Resp: 18614

Ion Ratio Lower Upper

113 100

55 158.8 145.1 185.1

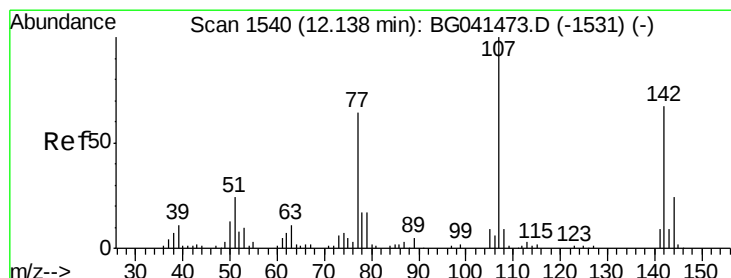
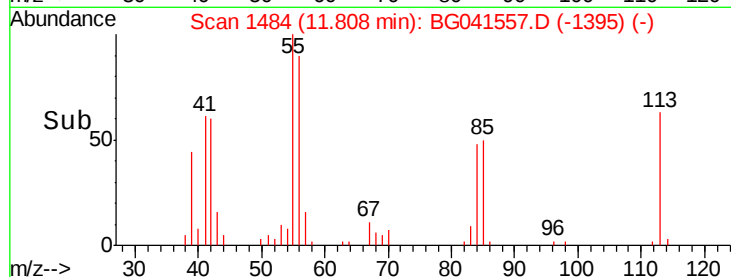
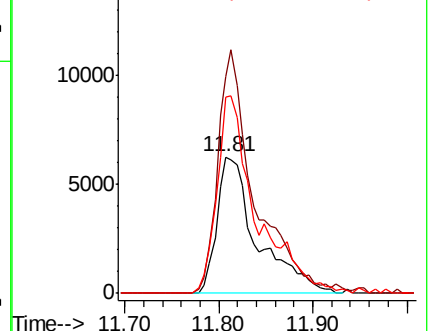
56 143.6 109.4 149.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.601 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

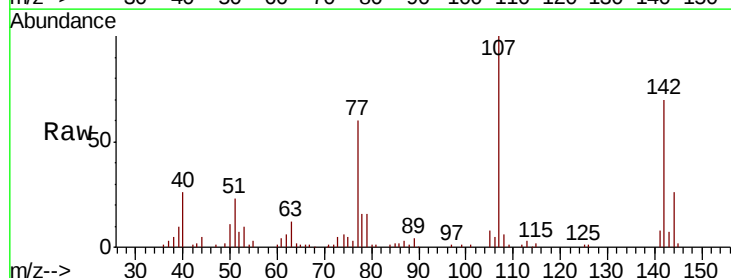
Tgt Ion:107 Resp: 68228

Ion Ratio Lower Upper

107 100

144 26.2 19.4 29.0

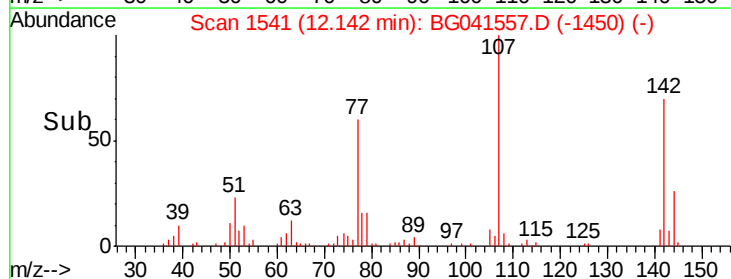
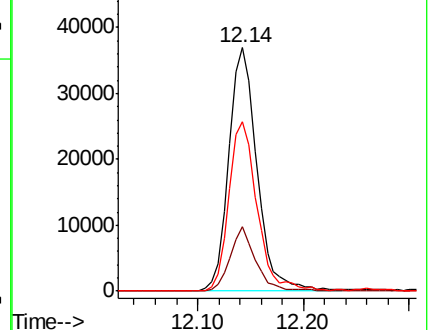
142 69.8 53.8 80.6

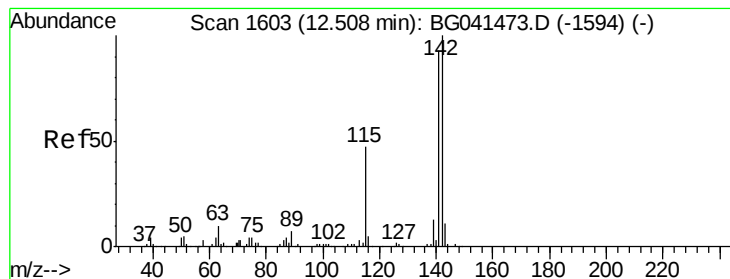


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.027 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

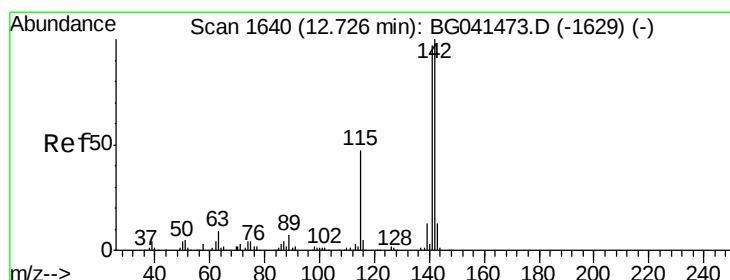
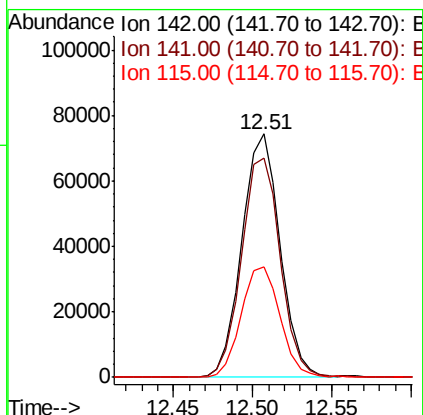
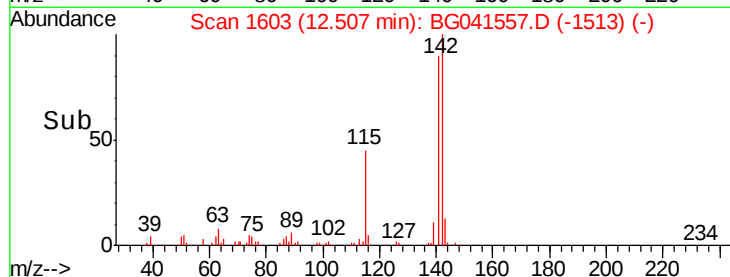
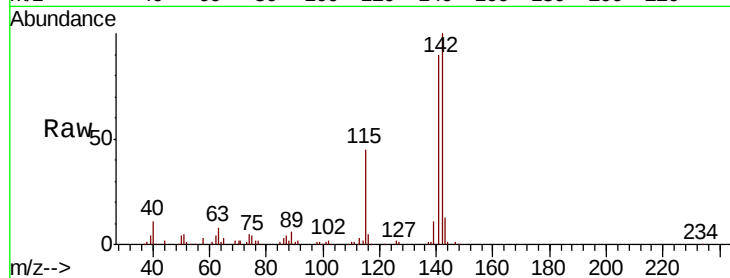
Tot Ion:142 Resp: 124740

Ion Ratio Lower Upper

142 100

141 90.3 74.8 112.2

115 45.5 38.0 57.0



#38

1-Methylnaphthalene

Concen: 39.868 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

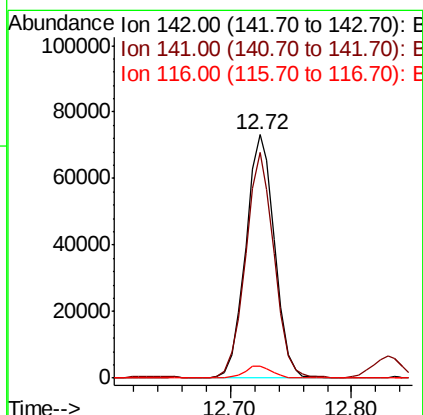
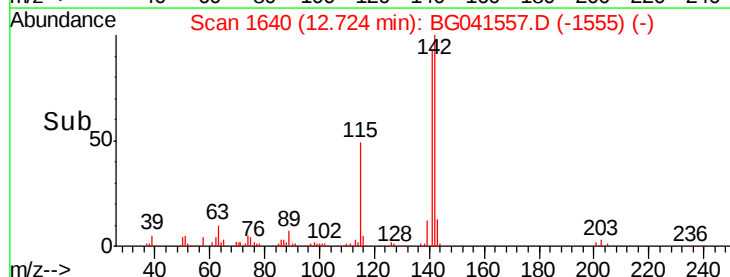
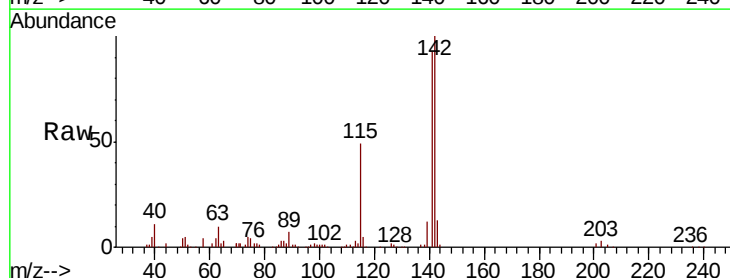
Tgt Ion:142 Resp: 121570

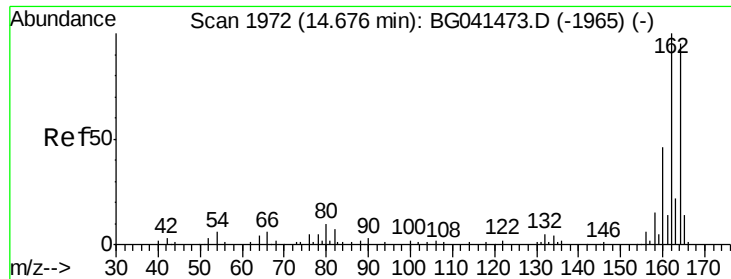
Ion Ratio Lower Upper

142 100

141 93.0 77.4 116.2

116 5.0 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

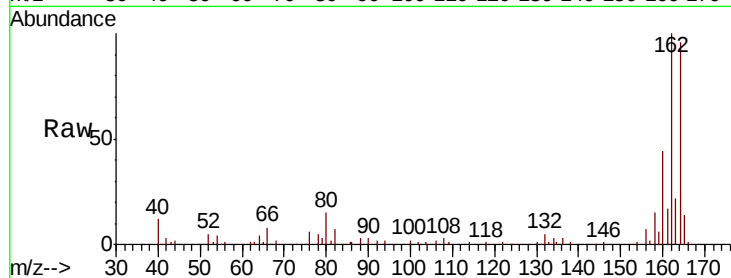
Tot Ion:164 Resp: 54697

Ion Ratio Lower Upper

164 100

162 104.7 84.4 126.6

160 46.5 38.8 58.2

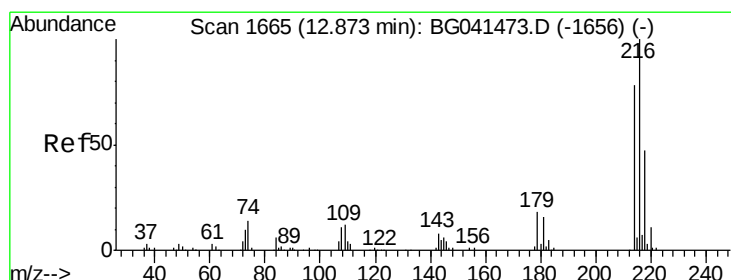
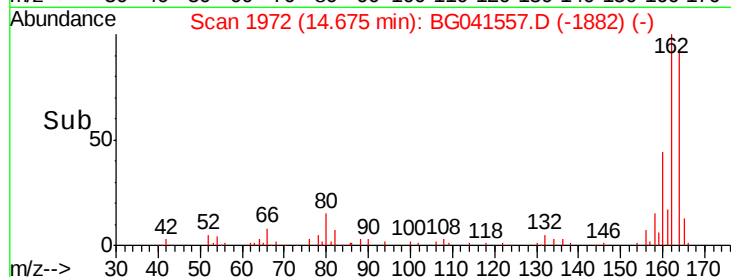
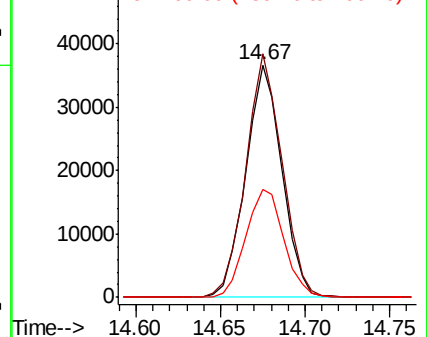


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.700 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Tgt Ion:216 Resp: 98025

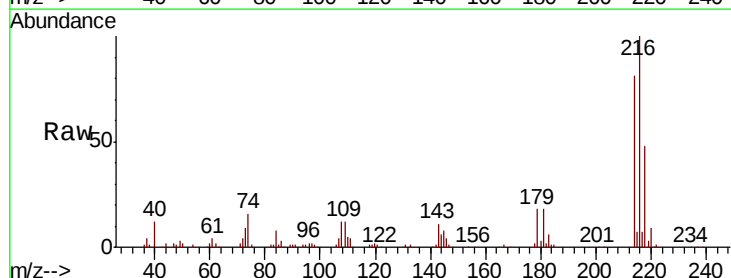
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 18.6 15.1 22.7

108 12.1 11.7 17.5



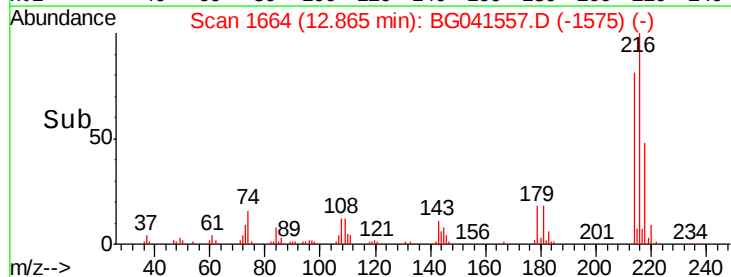
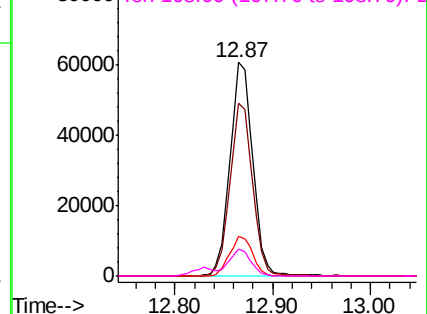
Abundance

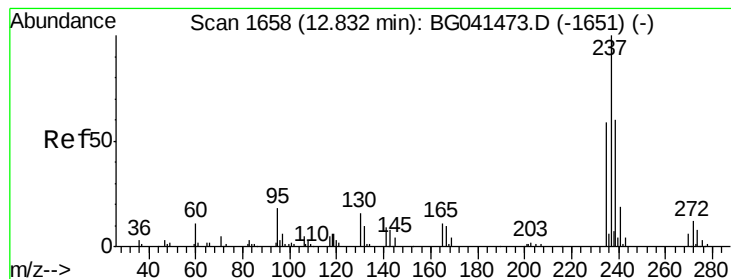
Ion 216.00 (215.70 to 216.70): E

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: 86.185 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleID :

PB120942BS

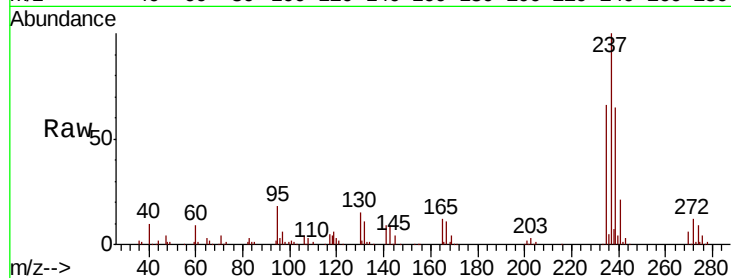
Tot Ion:237 Resp: 113009

Ion Ratio Lower Upper

237 100

235 66.3 39.1 79.1

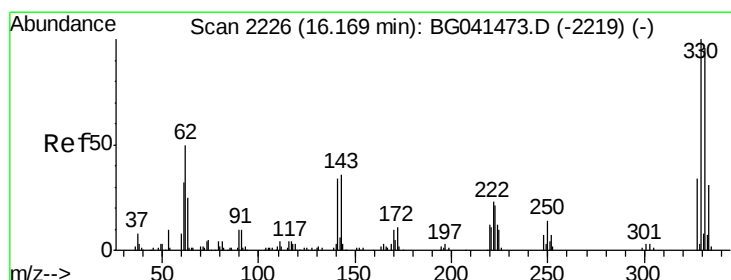
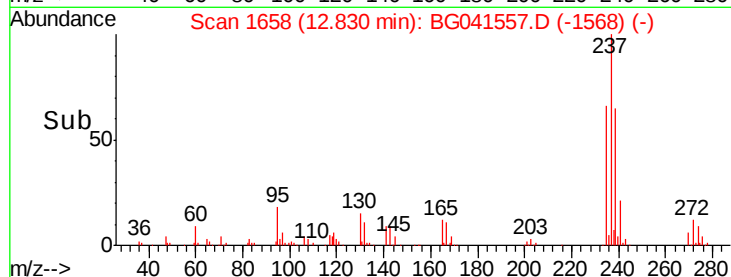
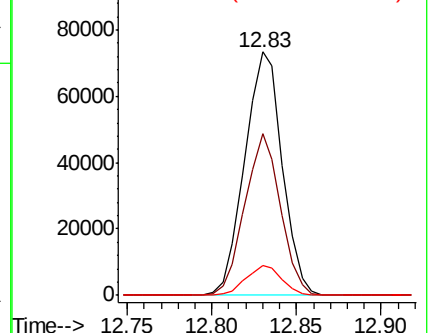
272 12.3 0.0 31.5



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: 87.255 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

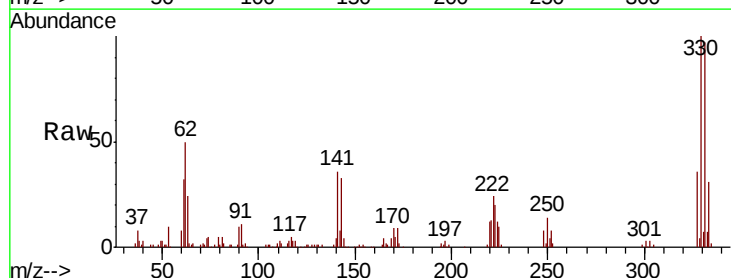
Tgt Ion:330 Resp: 81489

Ion Ratio Lower Upper

330 100

332 95.1 75.5 113.3

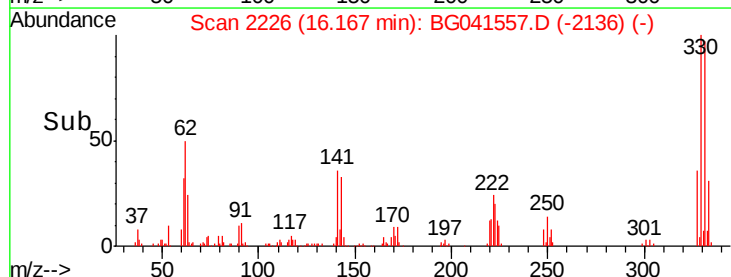
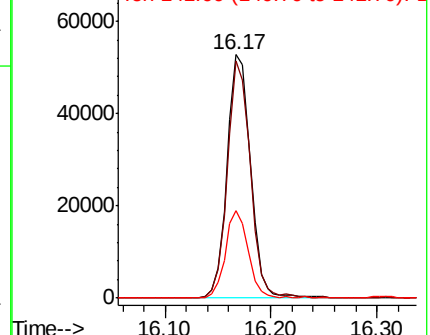
141 34.9 27.8 41.6

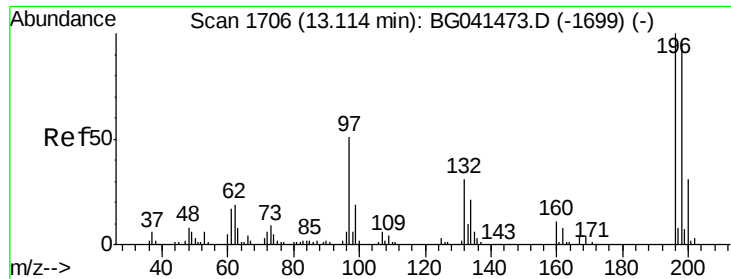


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

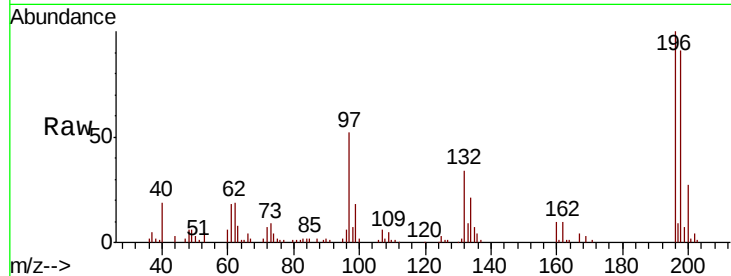




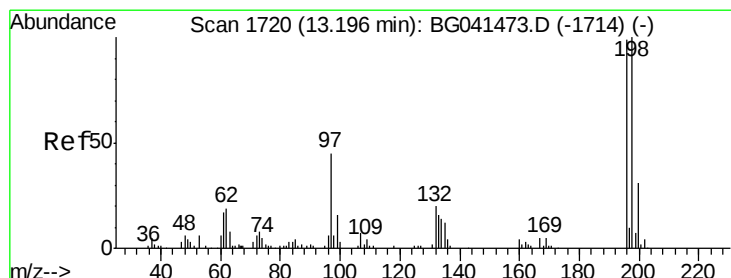
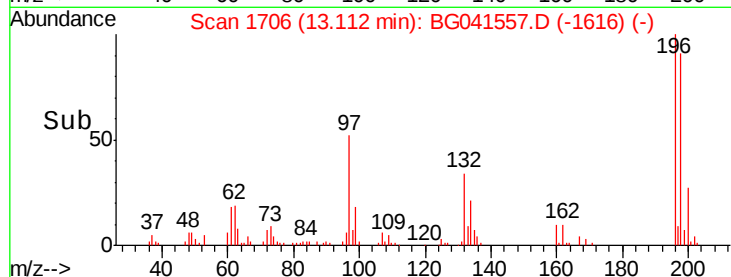
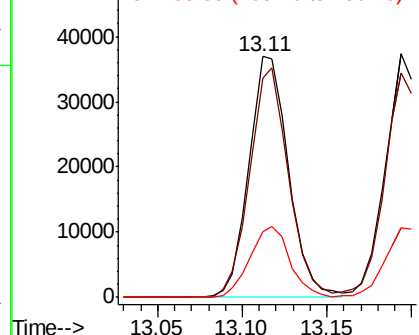
#43
 2,4,6-Trichlorophenol
 Concen: 42.204 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

Instrument :
 BNA_G
 ClientSampleID :
 PB120942BS

Tot Ion:196 Resp: 60308
 Ion Ratio Lower Upper
 196 100
 198 91.2 76.7 115.1
 200 27.1 24.4 36.6

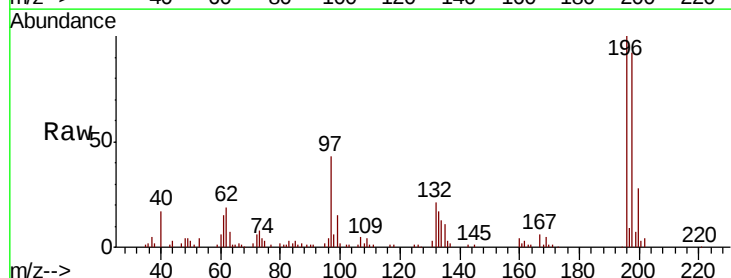


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

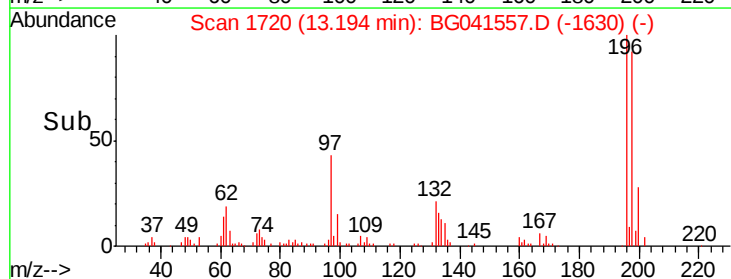
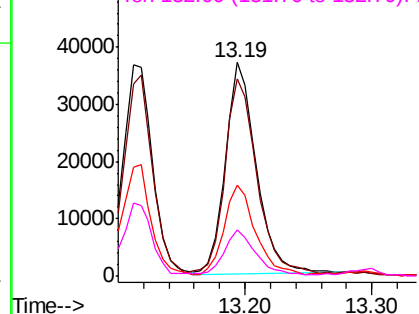


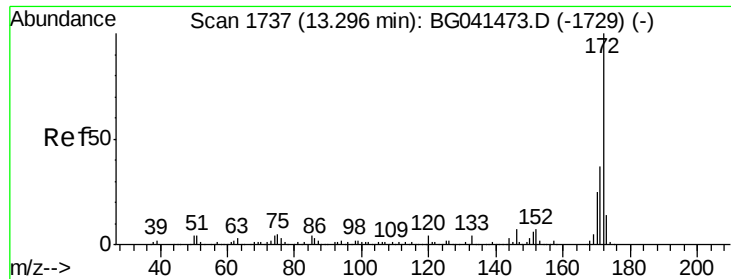
#44
 2,4,5-Trichlorophenol
 Concen: 43.981 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

Tgt Ion:196 Resp: 62612
 Ion Ratio Lower Upper
 196 100
 198 92.1 80.5 120.7
 97 42.5 36.5 54.7
 132 21.4 16.7 25.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

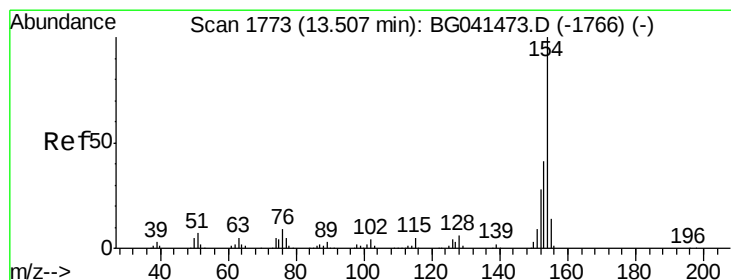
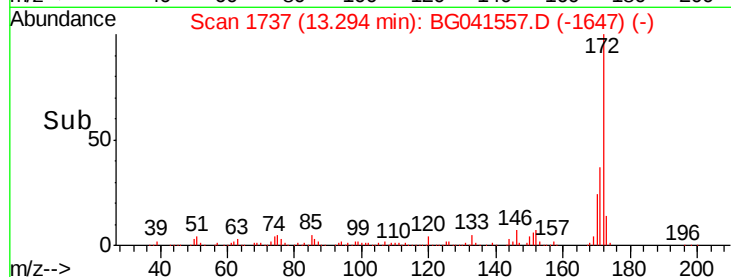
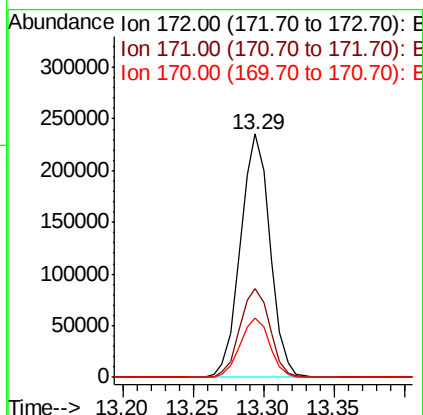
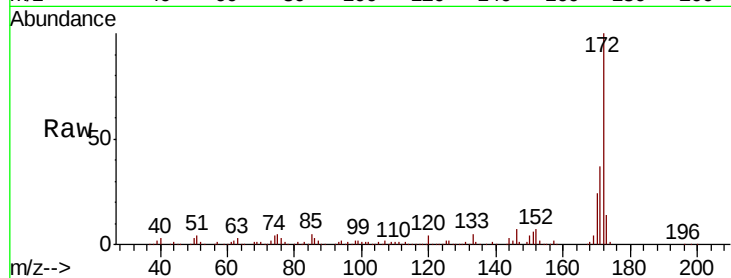




#45
2-Fluorobiphenyl
Concen: 80.930 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

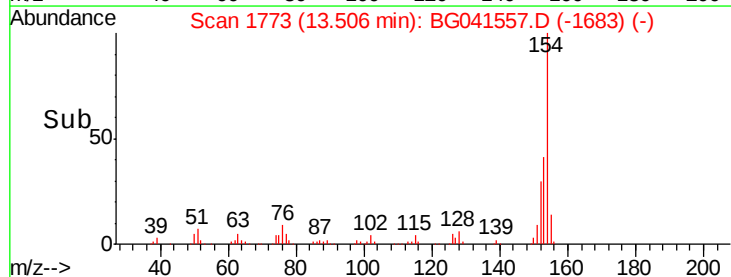
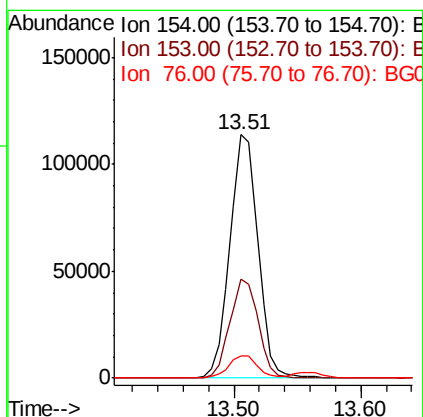
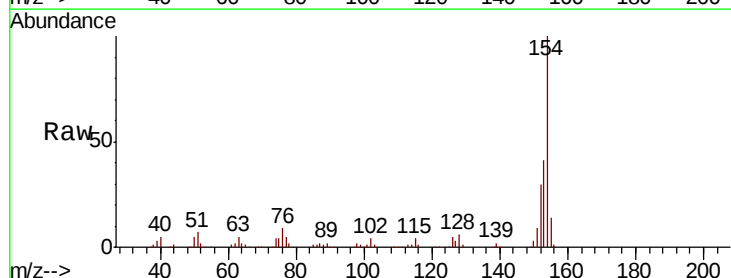
Instrument :
BNA_G
ClientSampleId :
PB120942BS

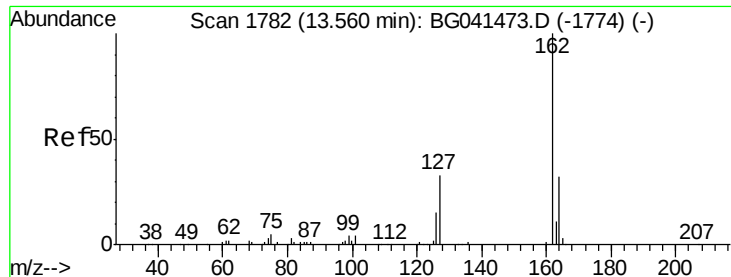
Tot Ion:172 Resp: 344954
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.2 20.0 30.0



#46
1,1'-Biphenyl
Concen: 40.266 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:154 Resp: 173857
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 8.9 0.0 29.4

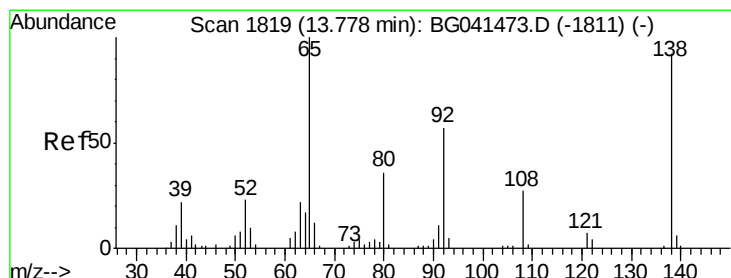
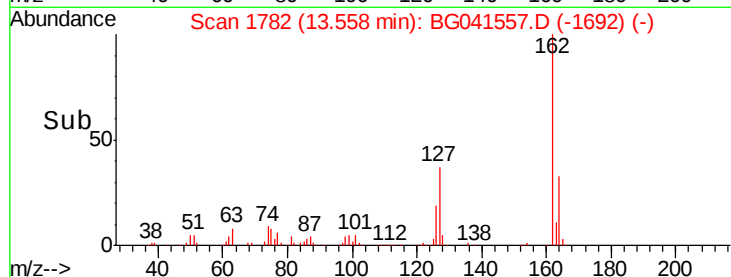
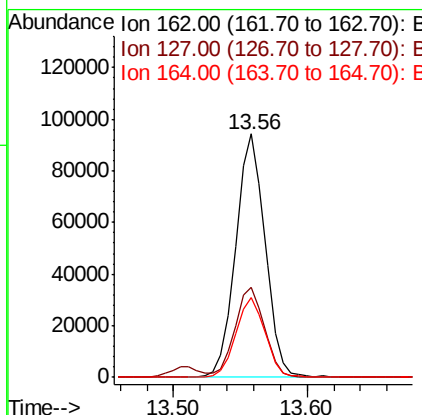
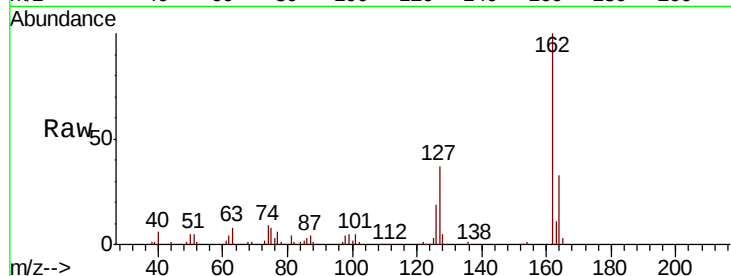




#47
 2-Chloronaphthalene
 Concen: 38.746 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

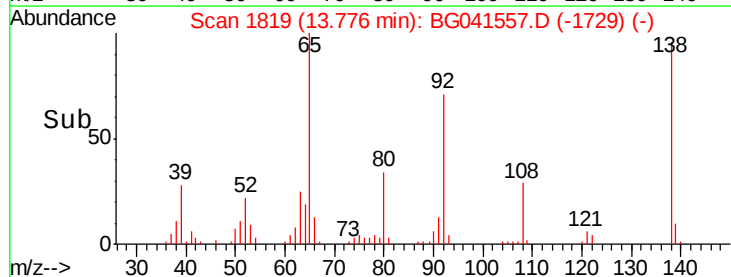
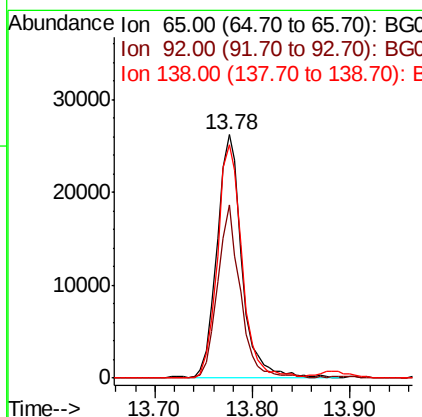
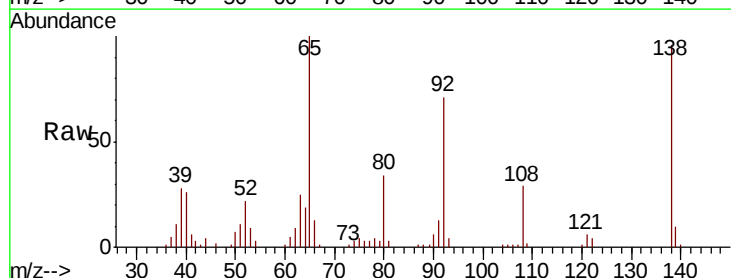
Instrument :
 BNA_G
 ClientSampleId :
 PB120942BS

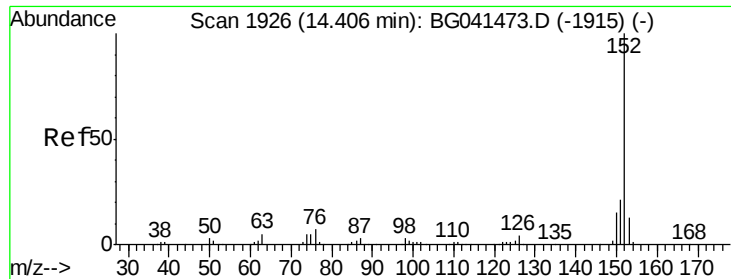
Tot Ion:162 Resp: 143629
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.0 45.0
 164 32.6 25.8 38.6



#48
 2-Nitroaniline
 Concen: 37.001 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

Tgt Ion: 65 Resp: 46495
 Ion Ratio Lower Upper
 65 100
 92 71.1 45.9 68.9#
 138 95.9 73.4 110.2





#49

Acenaphthylene

Concen: 40.752 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

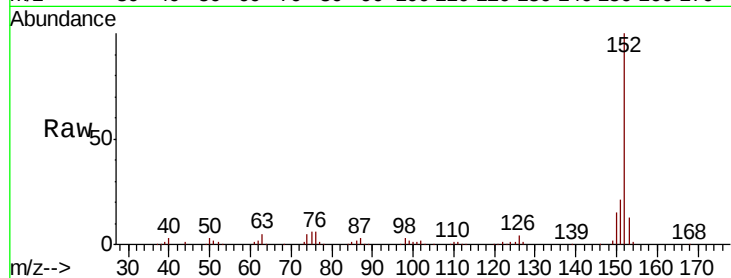
Tot Ion:152 Resp: 225794

Ion Ratio Lower Upper

152 100

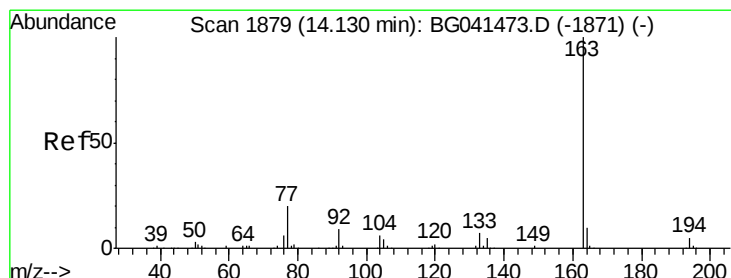
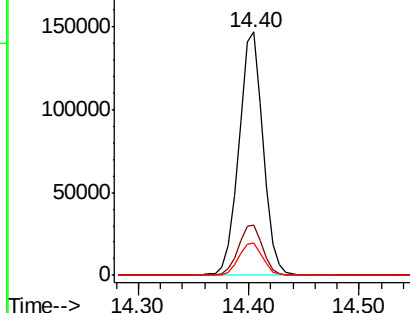
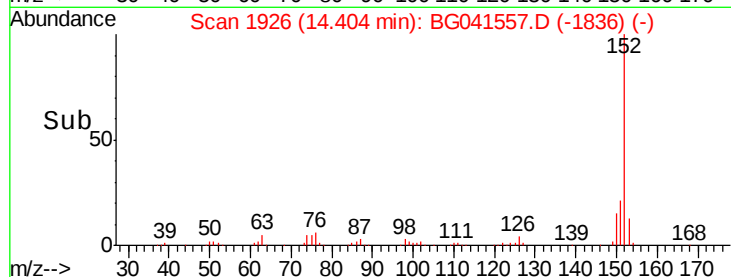
151 20.7 16.7 25.1

153 13.2 10.8 16.2



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

14.40



#50

Dimethylphthalate

Concen: 39.072 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

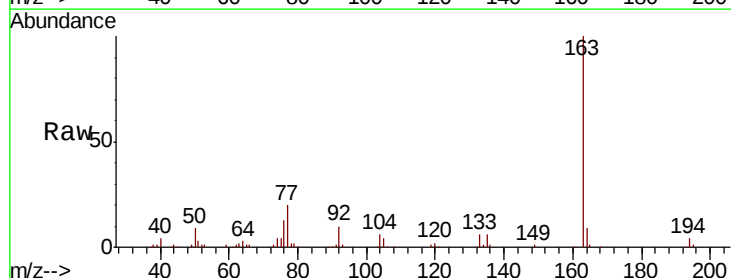
Tgt Ion:163 Resp: 194482

Ion Ratio Lower Upper

163 100

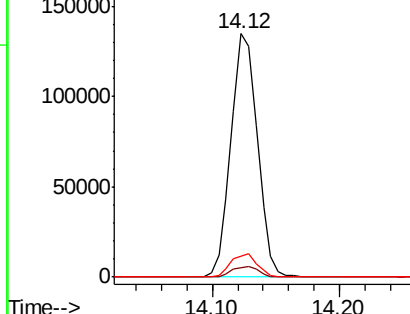
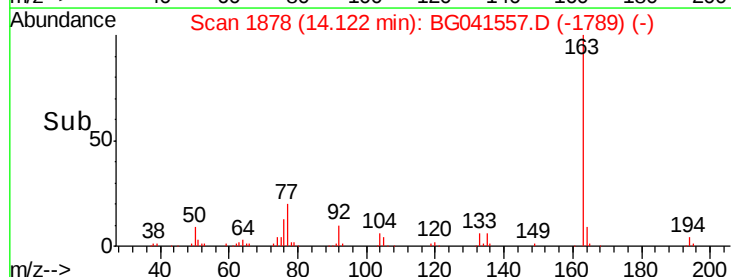
194 3.9 3.7 5.5

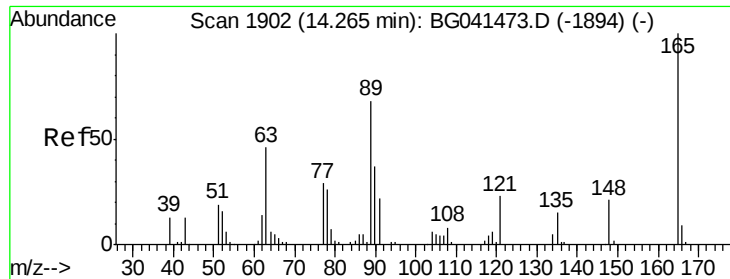
164 8.8 7.8 11.6



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

14.12

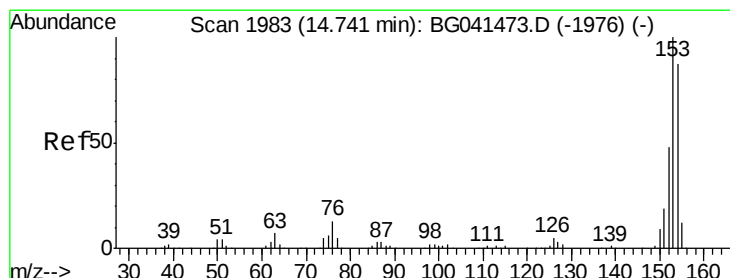
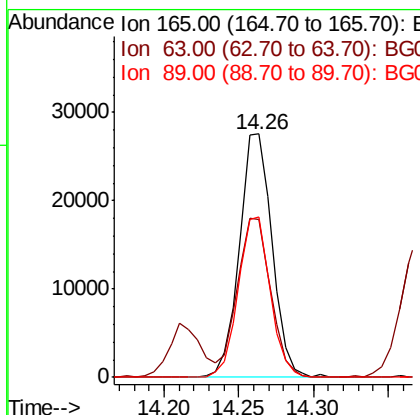
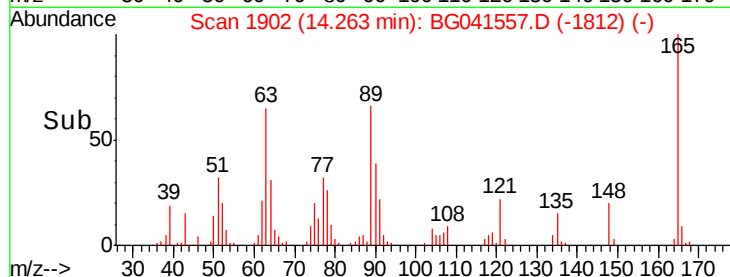
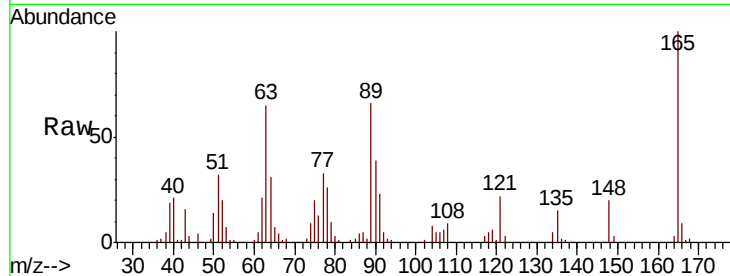




#51
 2,6-Dinitrotoluene
 Concen: 39.535 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

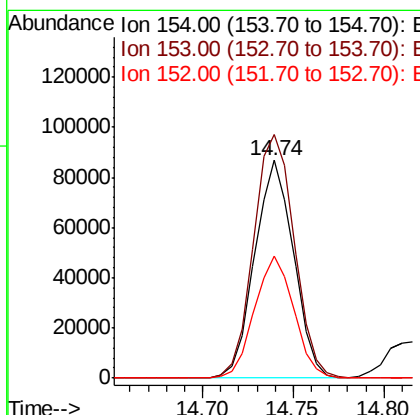
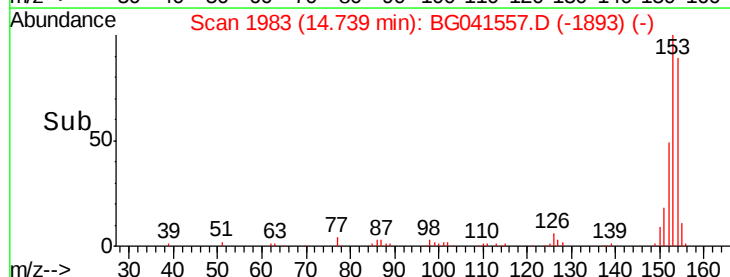
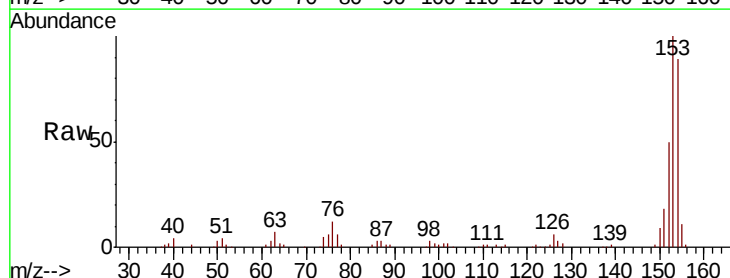
Instrument :
 BNA_G
 ClientSampleId :
 PB120942BS

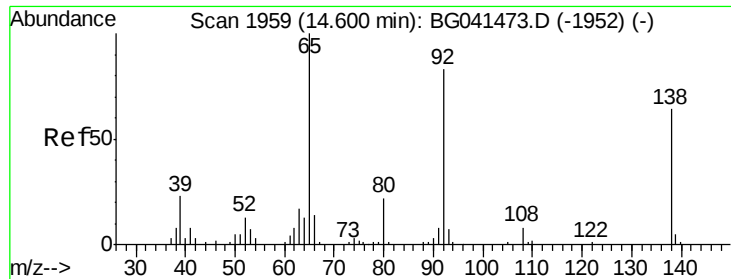
Tot Ion:165 Resp: 41761
 Ion Ratio Lower Upper
 165 100
 63 64.8 56.4 84.6
 89 65.7 54.6 81.8



#52
 Acenaphthene
 Concen: 39.428 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

Tgt Ion:154 Resp: 129547
 Ion Ratio Lower Upper
 154 100
 153 112.0 92.2 138.4
 152 56.0 44.1 66.1





#53

3-Nitroaniline

Concen: 28.701 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

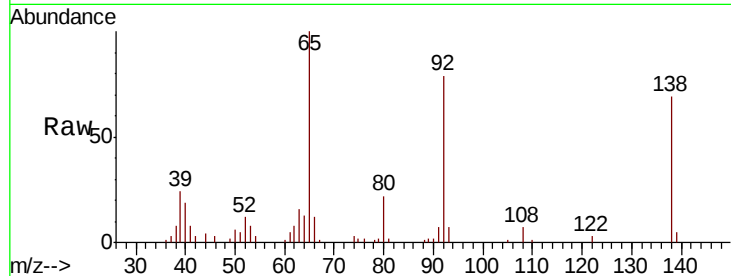
Tot Ion:138 Resp: 28942

Ion Ratio Lower Upper

138 100

108 10.7 9.5 14.3

92 114.1 103.3 154.9

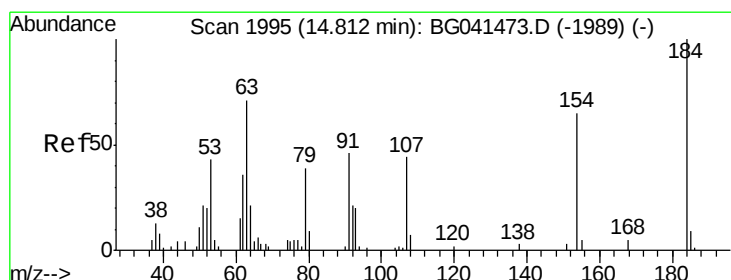
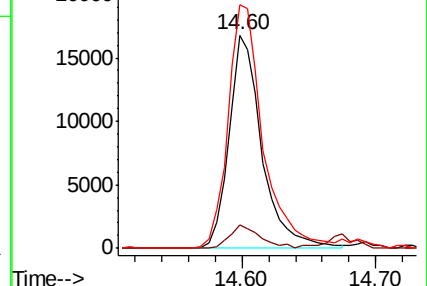
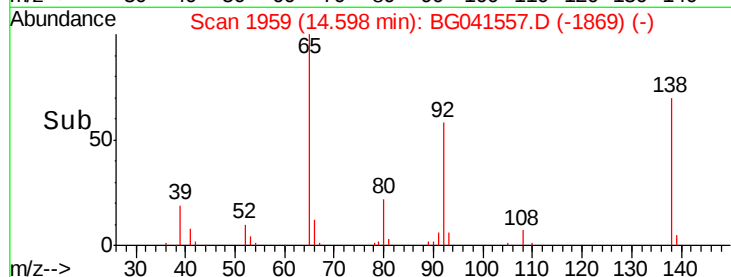


Abundance

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: 65.231 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

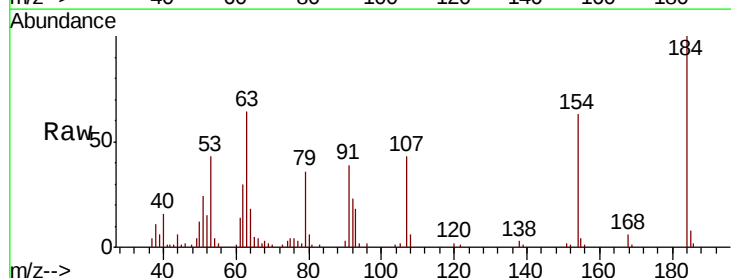
Tgt Ion:184 Resp: 44527

Ion Ratio Lower Upper

184 100

63 63.6 56.5 84.7

154 63.0 54.2 81.4

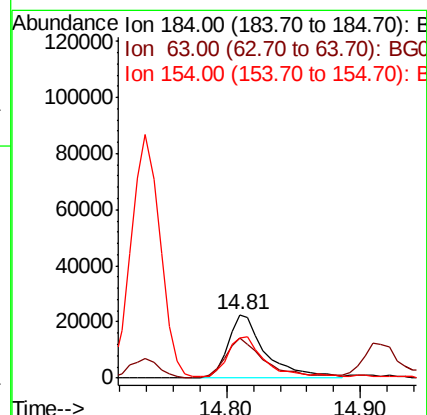
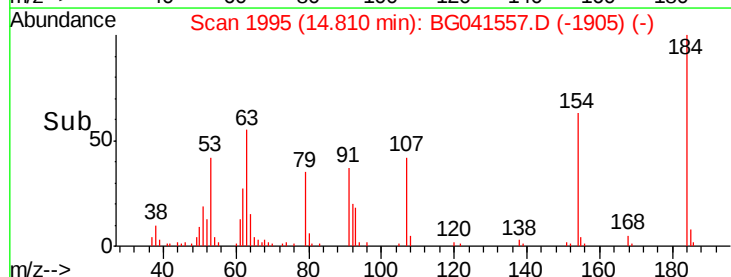


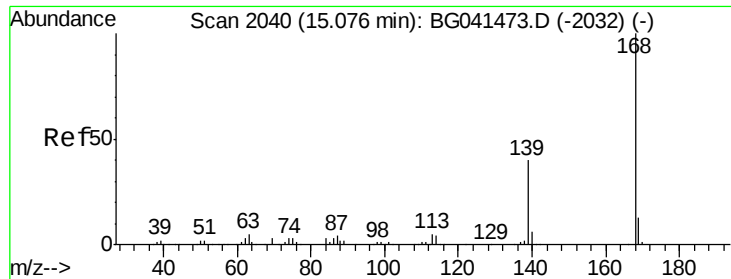
Abundance

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

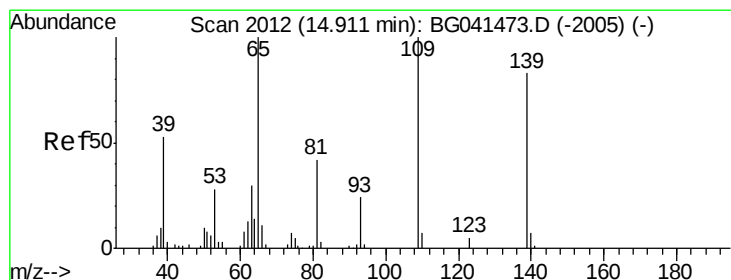
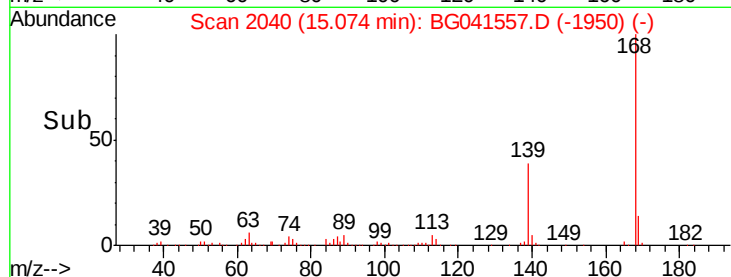
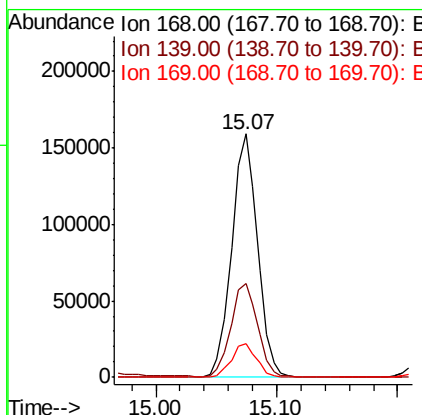
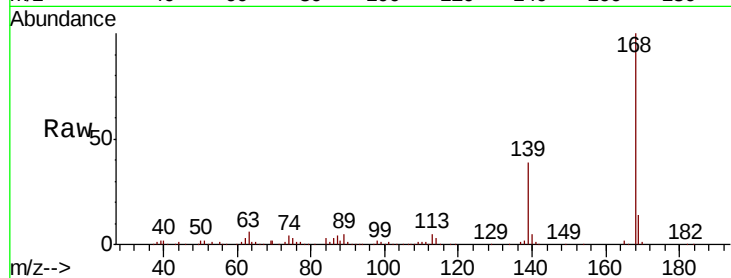




#55
Dibenzenofuran
Concen: 41.509 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

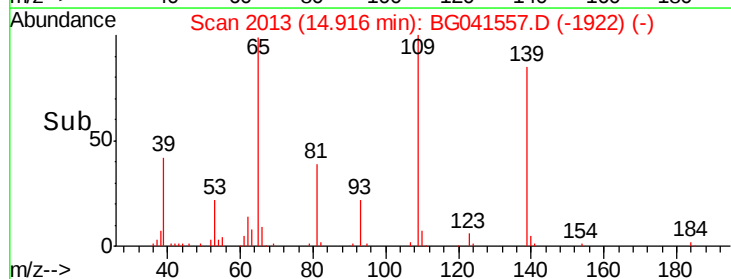
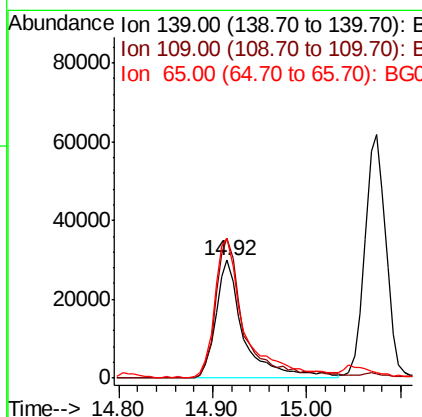
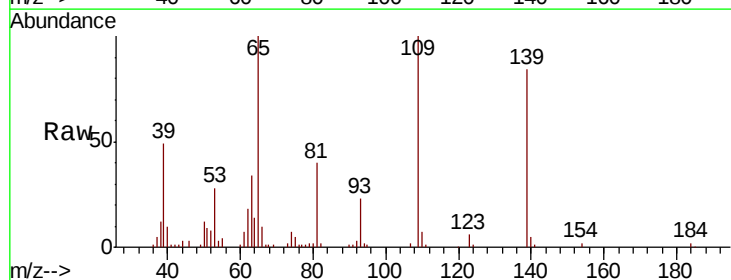
Instrument :
BNA_G
ClientSampleId :
PB120942BS

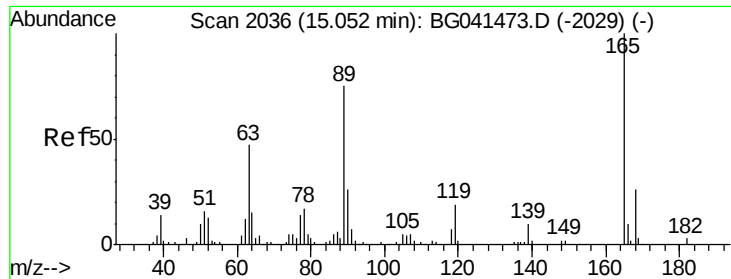
Tot Ion:168 Resp: 237430
Ion Ratio Lower Upper
168 100
139 38.8 32.2 48.4
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 95.743 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:139 Resp: 62308
Ion Ratio Lower Upper
139 100
109 118.1 99.9 139.9
65 118.6 100.6 140.6

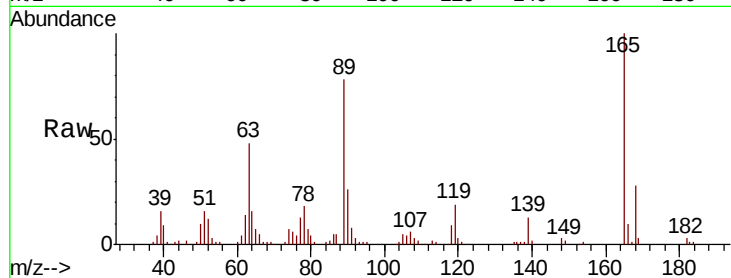




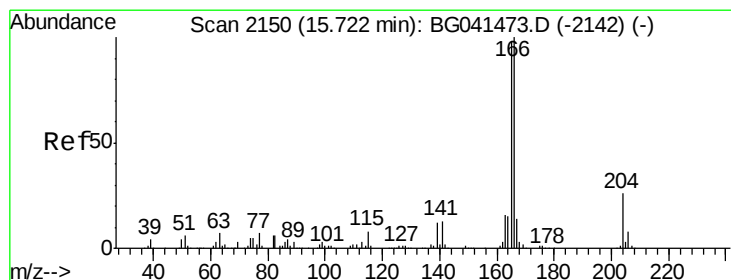
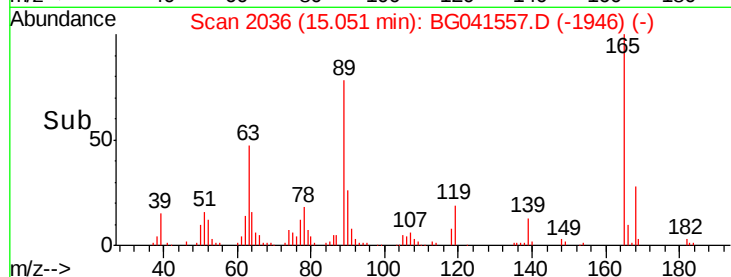
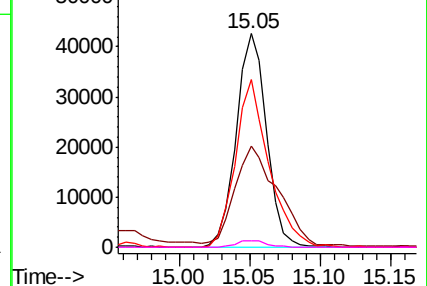
#57
2,4-Dinitrotoluene
Concen: 41.509 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120942BS

Tot Ion:165 Resp: 63609
Ion Ratio Lower Upper
165 100
63 47.6 38.8 58.2
89 78.5 60.1 90.1
182 2.8 2.2 3.2

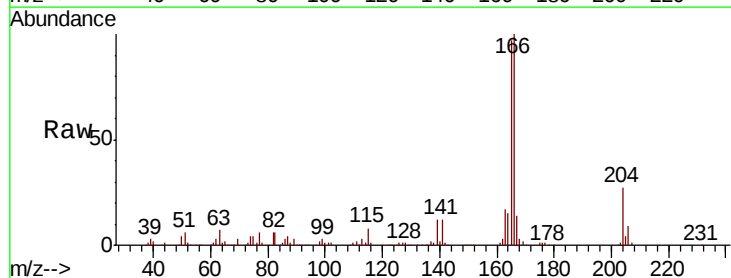


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

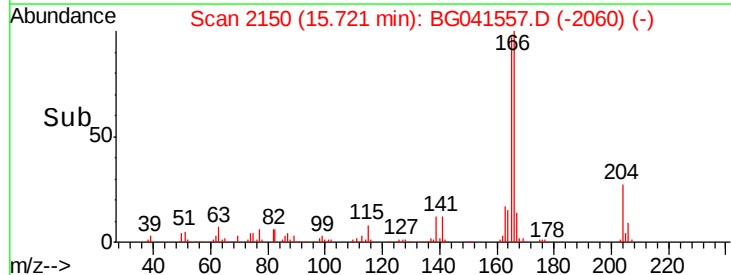
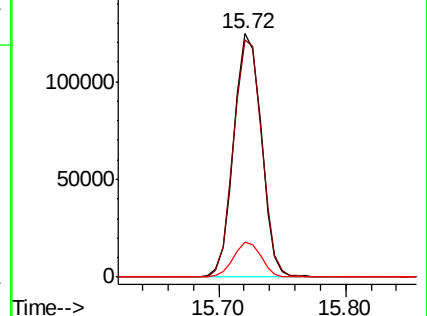


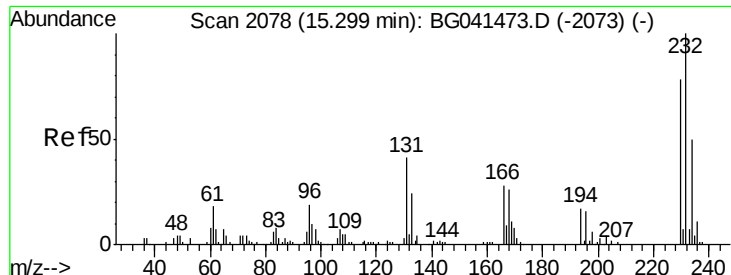
#58
Fluorene
Concen: 41.041 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:166 Resp: 186756
Ion Ratio Lower Upper
166 100
165 97.2 78.6 117.8
167 14.4 11.4 17.0



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

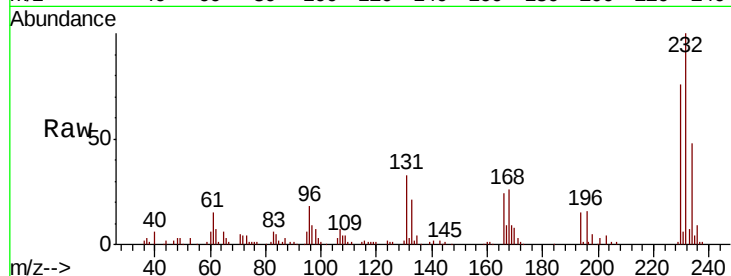




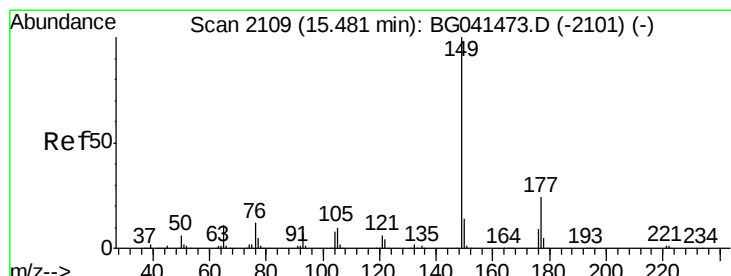
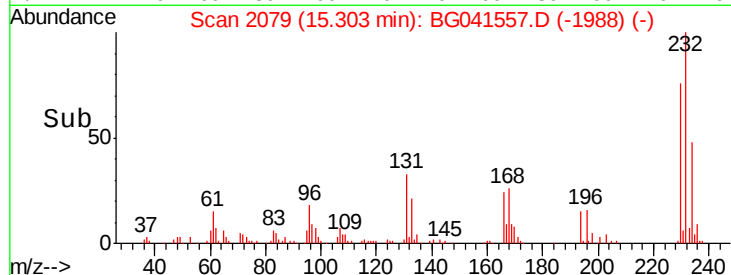
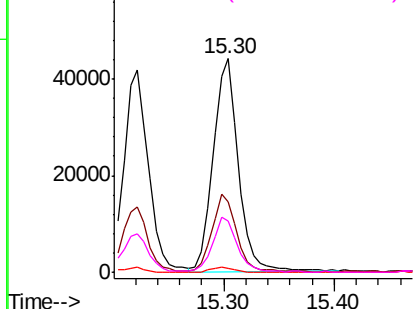
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.046 ng
RT: 15.30 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120942BS

Tot Ion:232 Resp: 69106
Ion Ratio Lower Upper
232 100
131 36.2 29.8 44.6
130 2.0 2.0 3.0
166 25.4 20.2 30.2

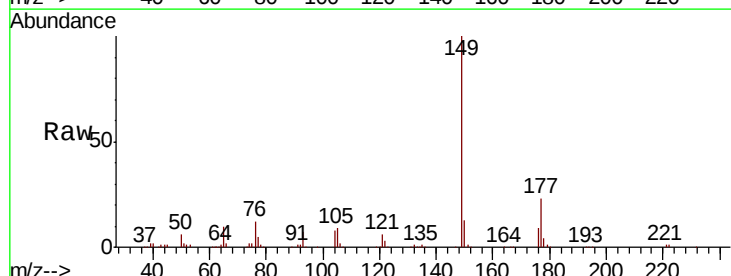


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

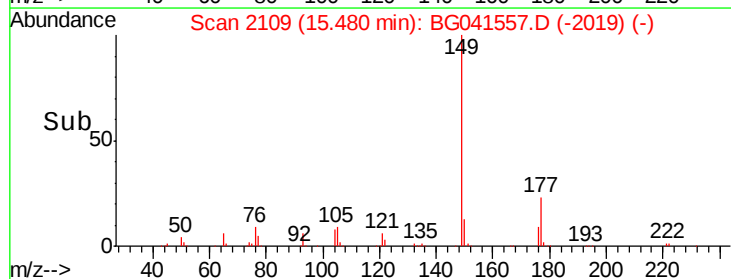
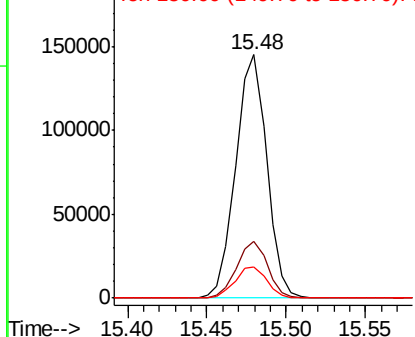


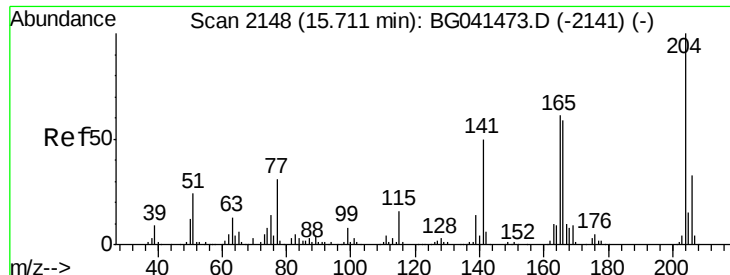
#60
Diethylphthalate
Concen: 38.672 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:149 Resp: 197035
Ion Ratio Lower Upper
149 100
177 23.0 19.2 28.8
150 12.7 11.2 16.8



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

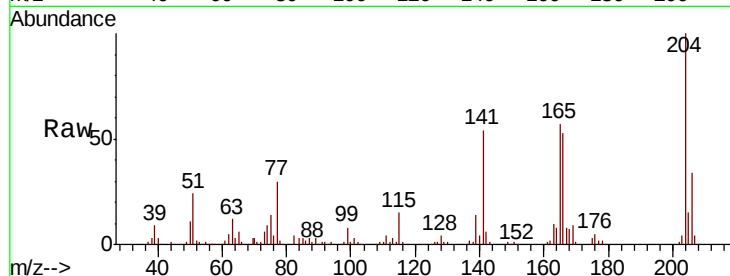




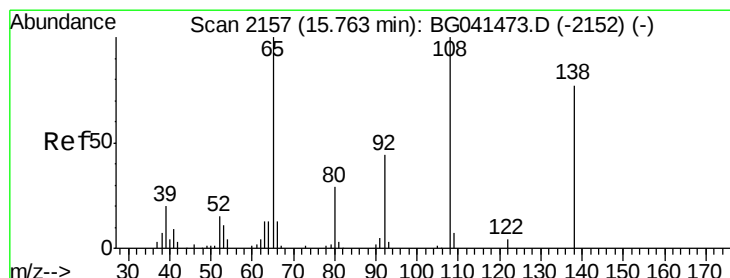
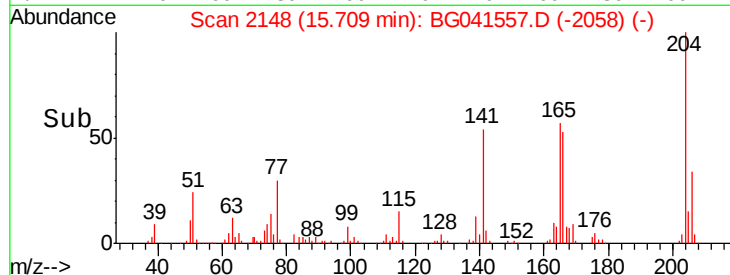
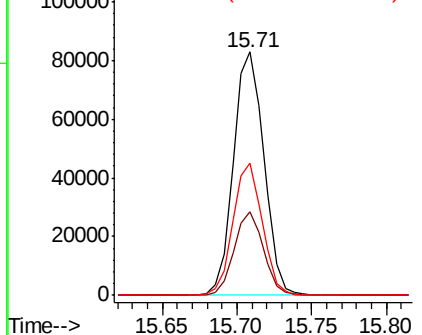
#61
4-Chlorophenyl-phenylether
Concen: 40.317 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120942BS

Tot Ion:204 Resp: 118336
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 54.3 40.1 60.1

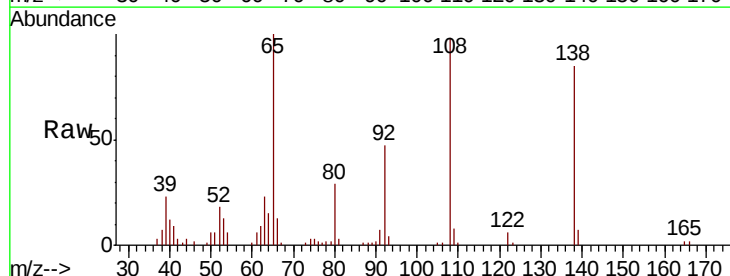


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

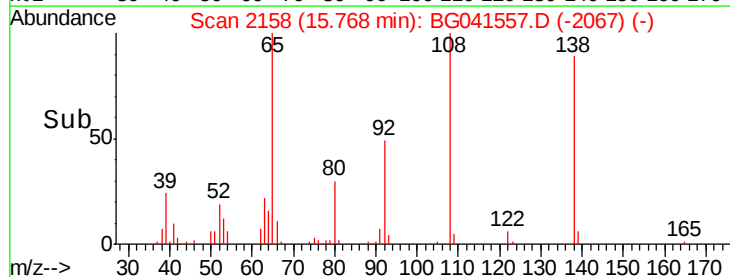
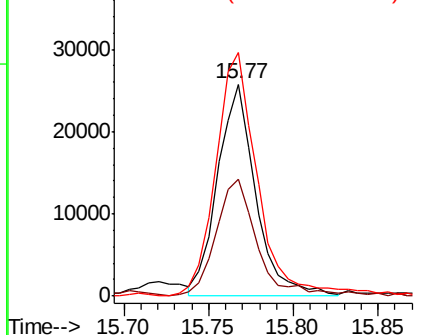


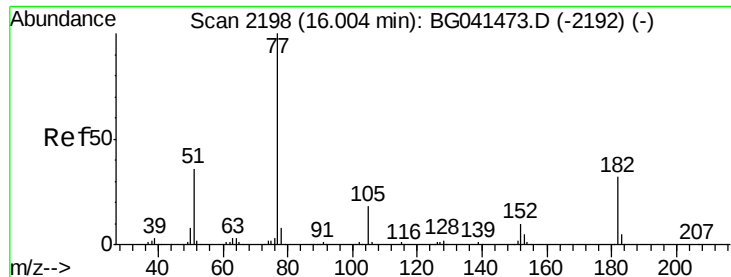
#62
4-Nitroaniline
Concen: 41.259 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:138 Resp: 40549
Ion Ratio Lower Upper
138 100
92 55.0 34.9 74.9
108 115.0 105.5 145.5



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





#63

Azobenzene

Concen: 40.158 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

Tot Ion: 77 Resp: 172508

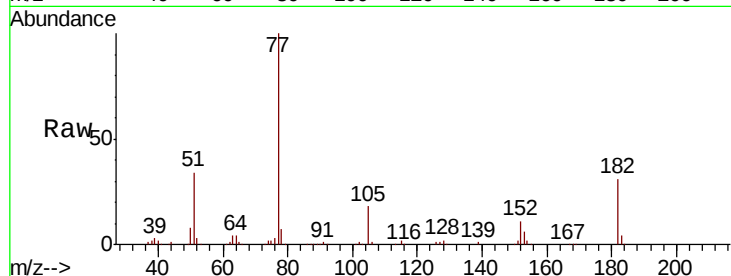
Ion Ratio Lower Upper

77 100

182 31.3 12.2 52.2

105 18.3 0.0 38.1

51 34.4 15.9 55.9



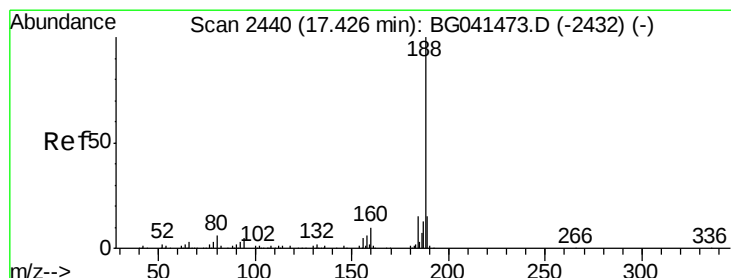
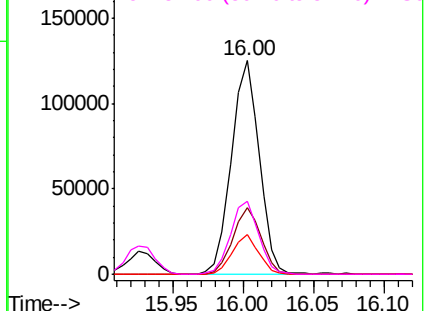
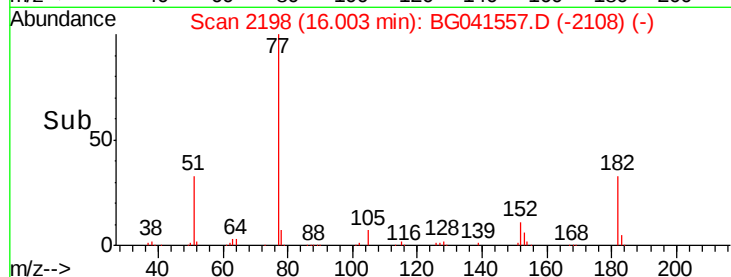
Abundance

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: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

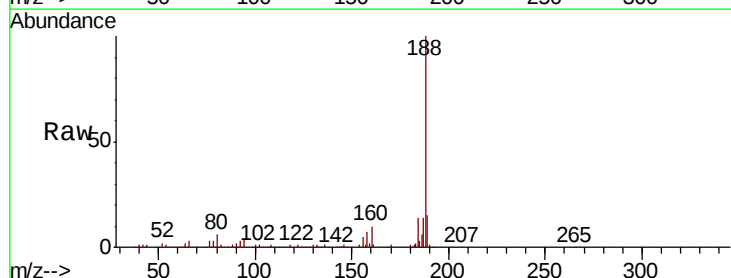
Tgt Ion: 188 Resp: 154195

Ion Ratio Lower Upper

188 100

94 4.5 3.8 5.8

80 6.5 4.8 7.2

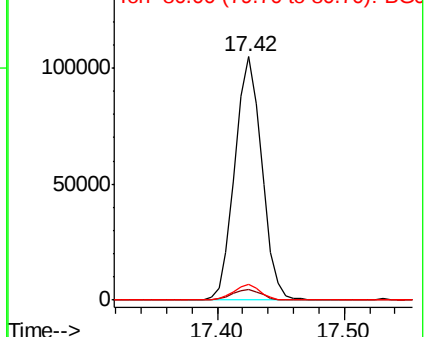
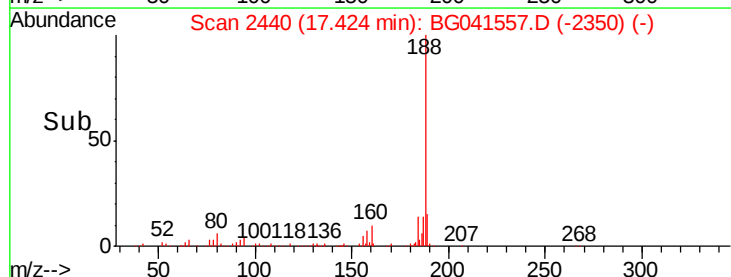


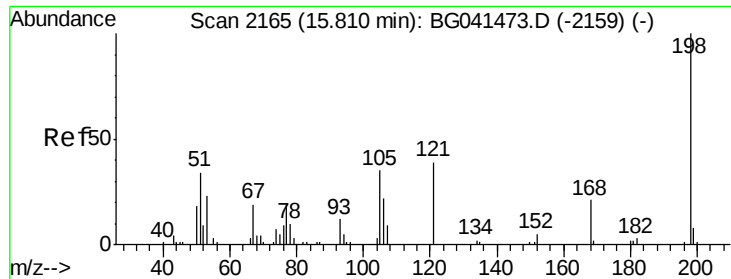
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.655 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

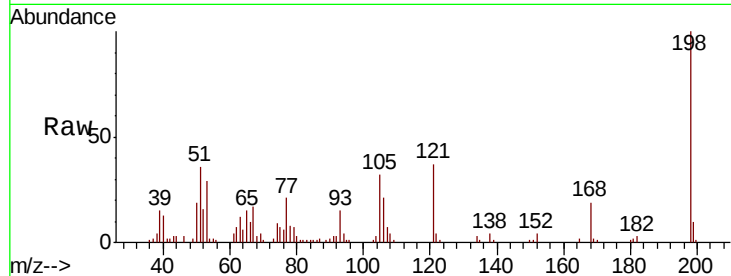
Tot Ion:198 Resp: 39780

Ion Ratio Lower Upper

198 100

51 35.7 19.0 59.0

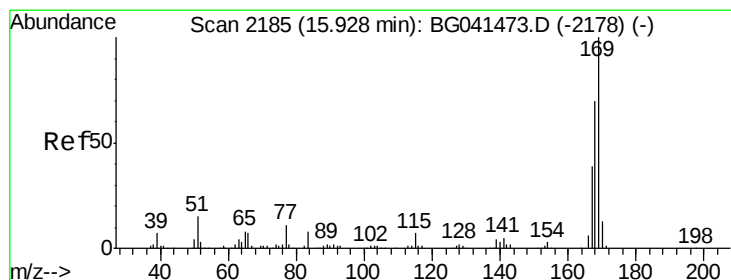
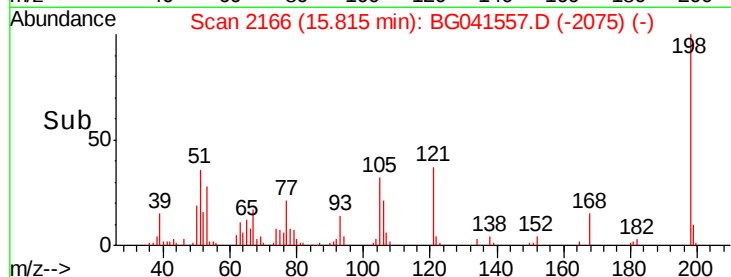
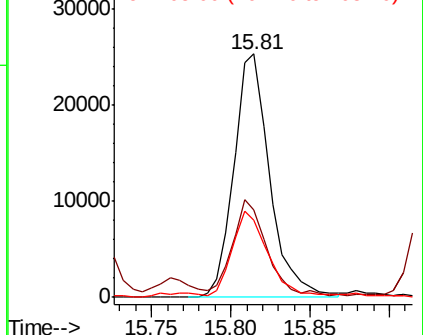
105 31.7 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.639 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

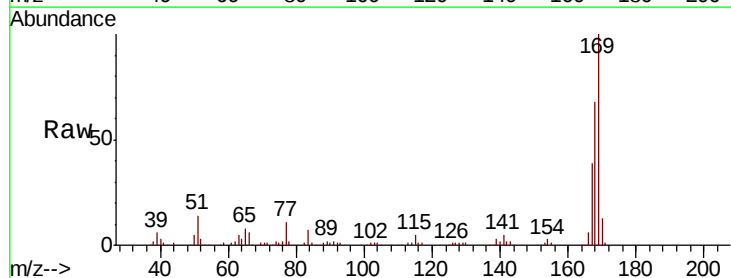
Tgt Ion:169 Resp: 168220

Ion Ratio Lower Upper

169 100

168 67.5 56.2 84.4

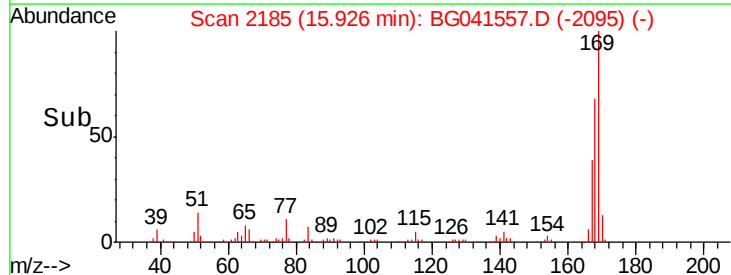
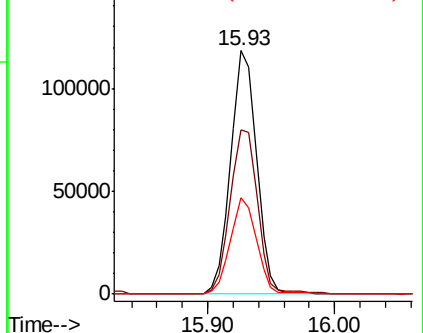
167 39.4 31.0 46.6

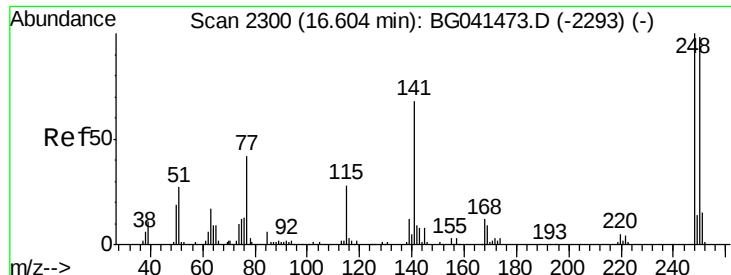


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

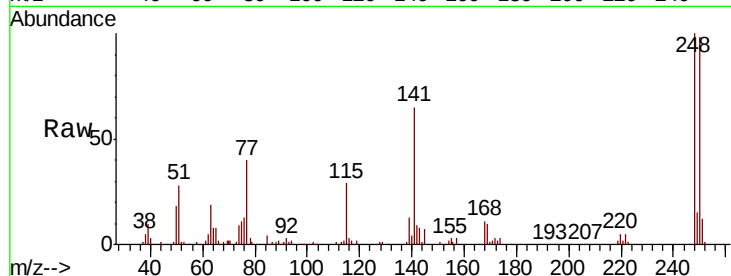




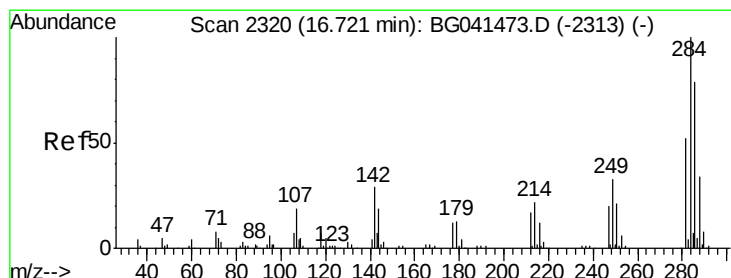
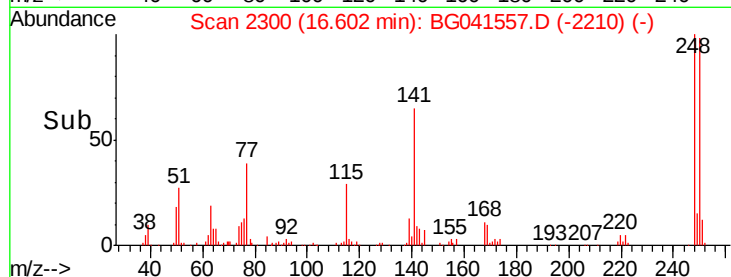
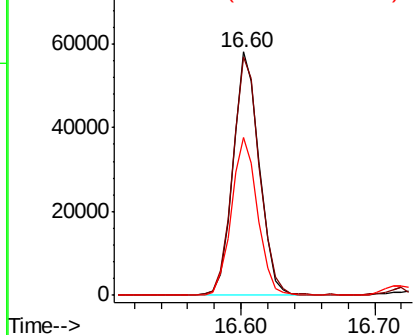
#67
 4-Bromophenyl-phenylether
 Concen: 37.446 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :
 PB120942BS

Tot Ion:248 Resp: 78903
 Ion Ratio Lower Upper
 248 100
 250 98.0 78.1 117.1
 141 65.0 54.1 81.1

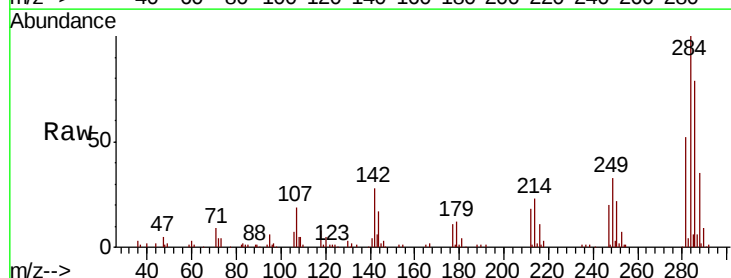


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

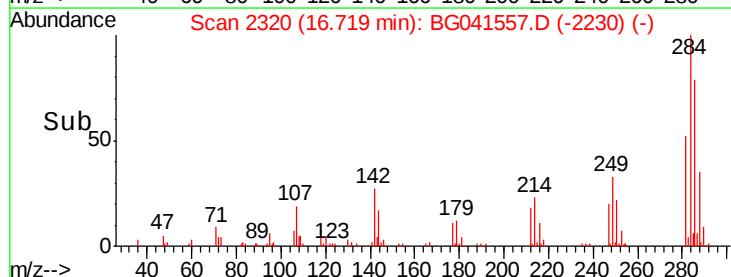
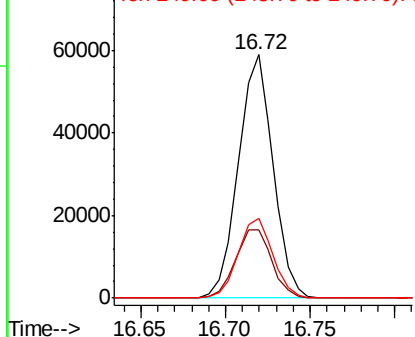


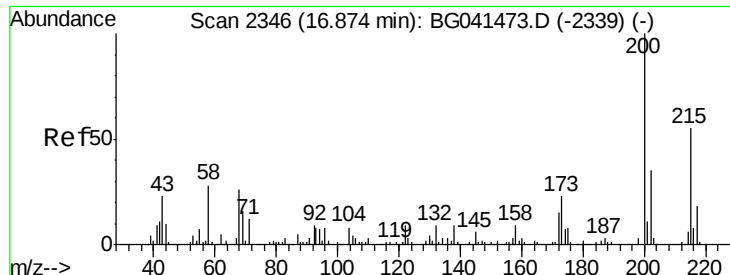
#68
 Hexachlorobenzene
 Concen: 37.092 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

Tgt Ion:284 Resp: 84211
 Ion Ratio Lower Upper
 284 100
 142 28.0 22.9 34.3
 249 32.9 26.1 39.1



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





#69

Atrazine

Concen: 42.543 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

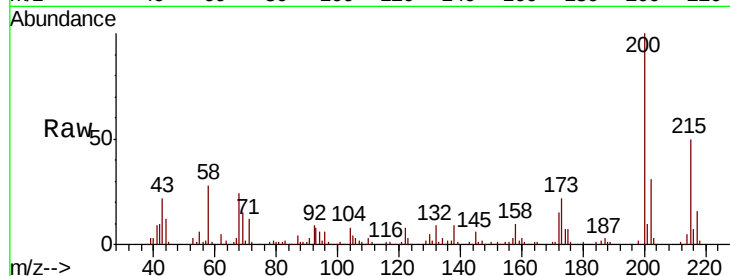
Tot Ion:200 Resp: 76421

Ion Ratio Lower Upper

200 100

173 22.3 3.1 43.1

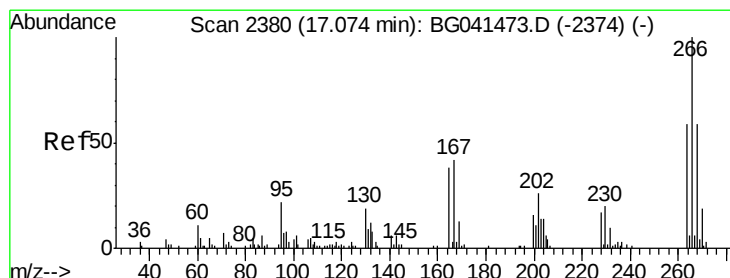
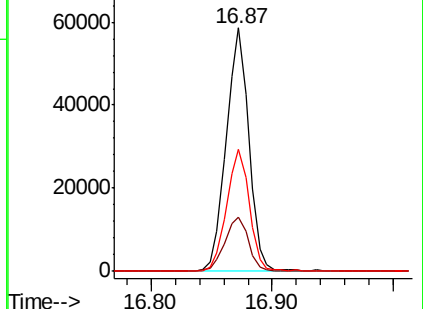
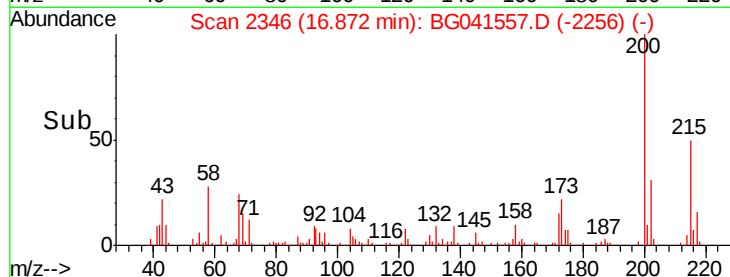
215 50.1 34.7 74.7



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: 89.144 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

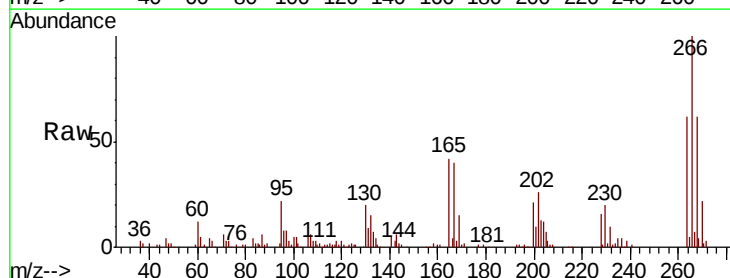
Tgt Ion:266 Resp: 91703

Ion Ratio Lower Upper

266 100

268 65.4 47.0 70.4

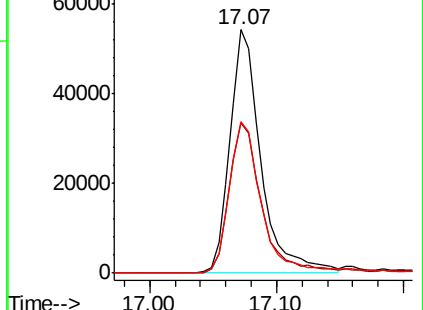
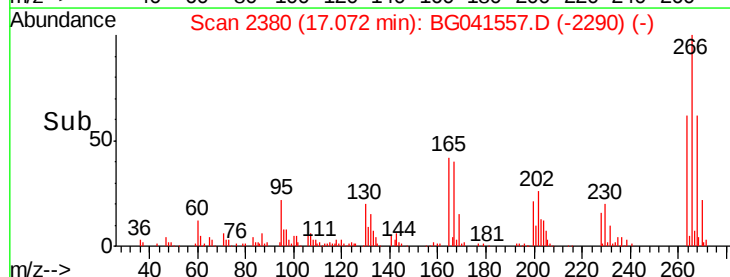
264 62.3 47.4 71.0

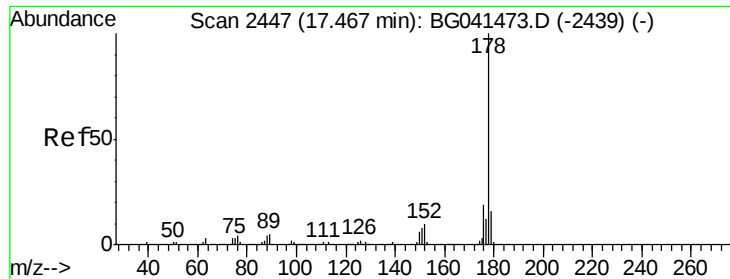


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

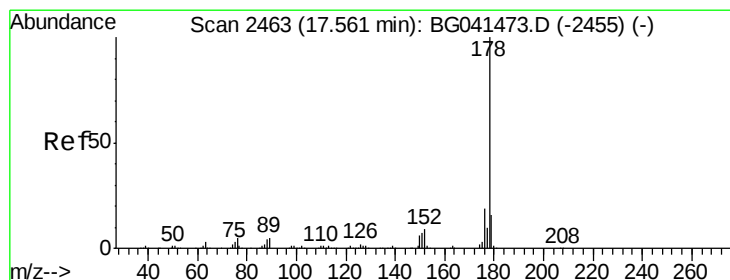
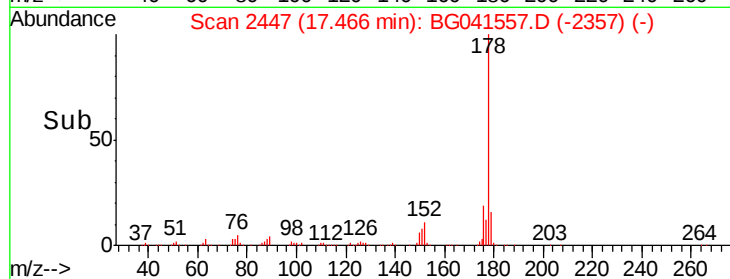
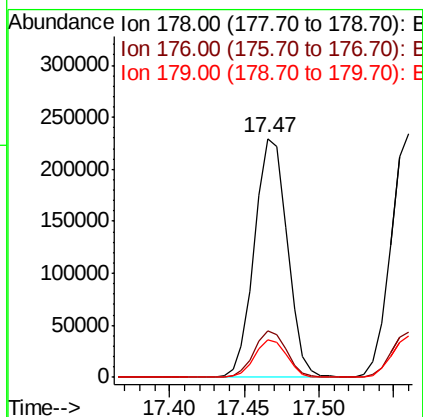
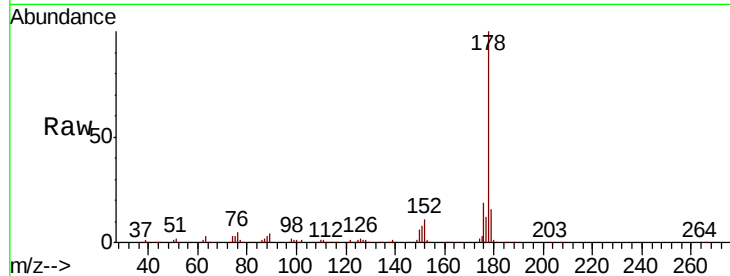




#71
Phenanthrene
Concen: 41.074 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

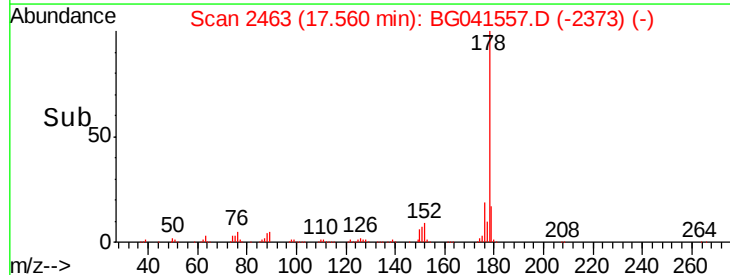
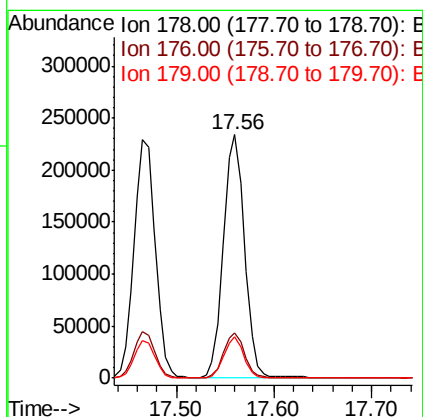
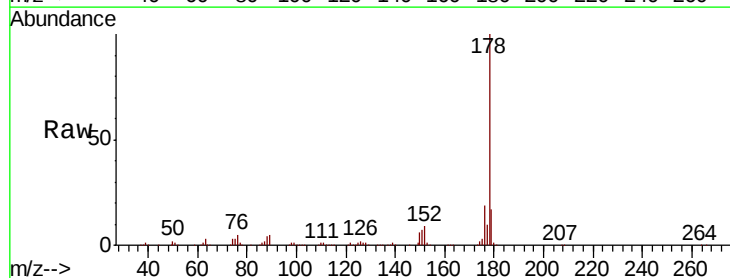
Instrument :
BNA_G
ClientSampleId :
PB120942BS

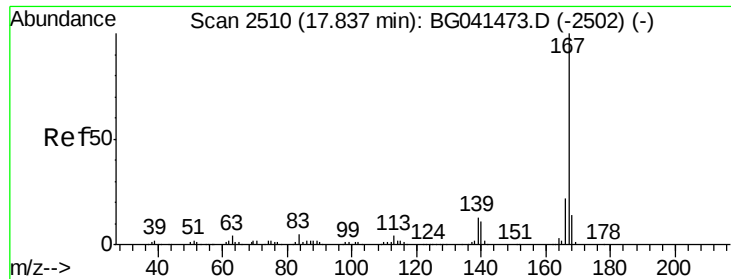
Tot Ion:178 Resp: 348946
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.0 13.0 19.4



#72
Anthracene
Concen: 41.460 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:178 Resp: 352421
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 16.8 12.8 19.2

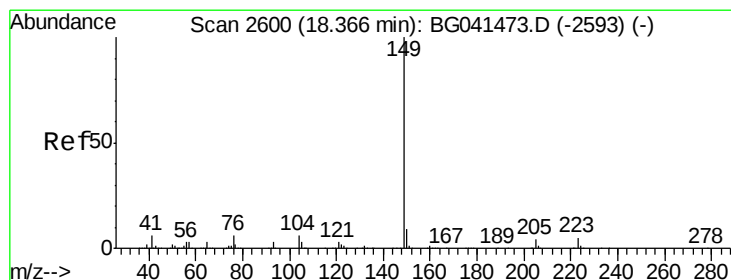
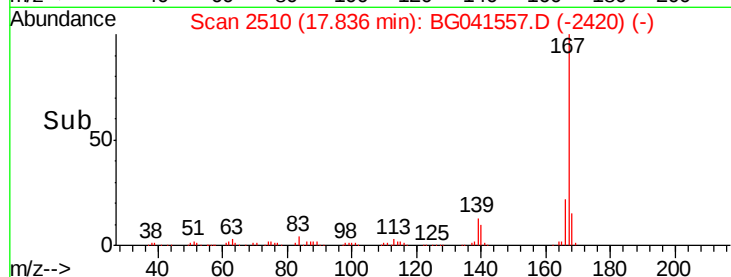
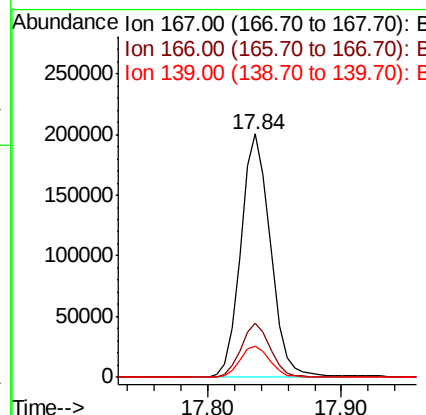
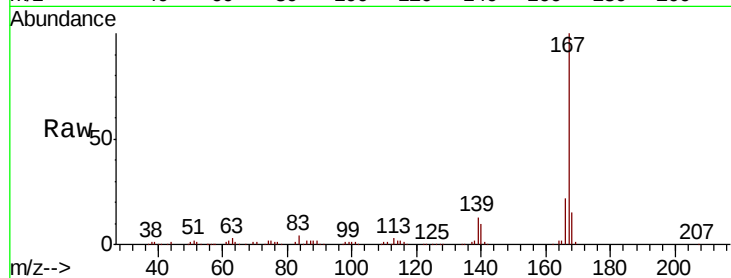




#73
 Carbazole
 Concen: 42.703 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

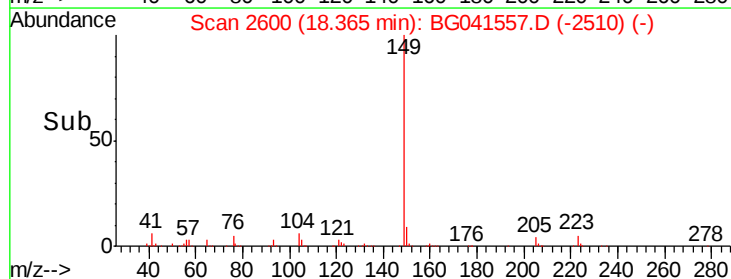
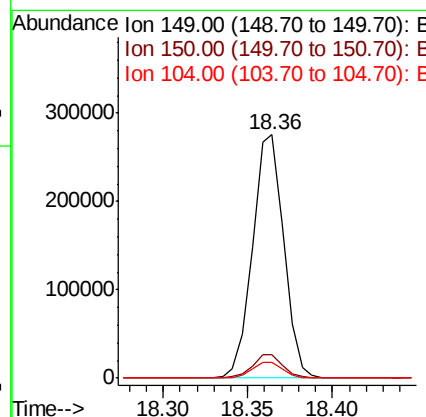
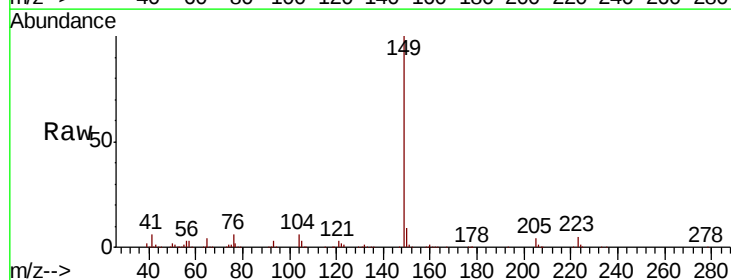
Instrument :
 BNA_G
 ClientSampleId :
 PB120942BS

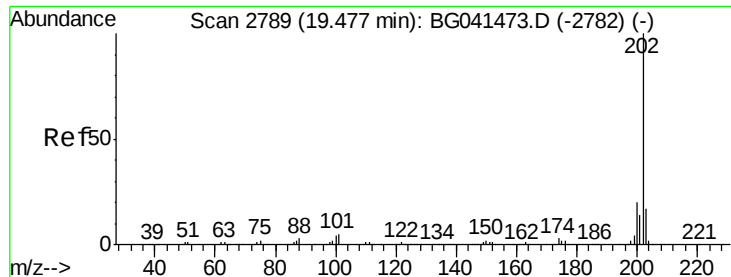
Tot Ion:167 Resp: 308577
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 39.135 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG041557.D
 Acq: 1 Jul 2019 13:48

Tgt Ion:149 Resp: 355436
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 6.3 5.0 7.6





#75

Fluoranthene

Concen: 43.636 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

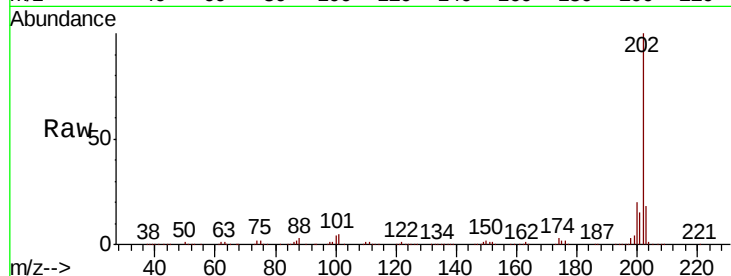
Tot Ion:202 Resp: 494256

Ion Ratio Lower Upper

202 100

101 5.0 0.0 24.9

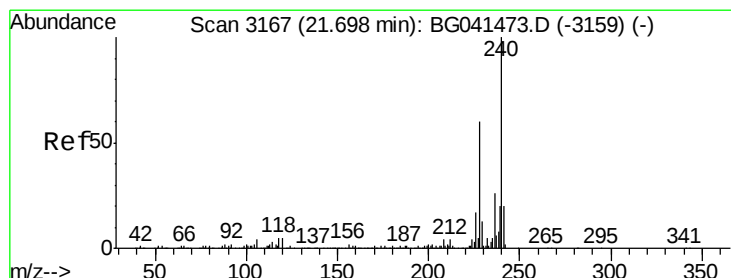
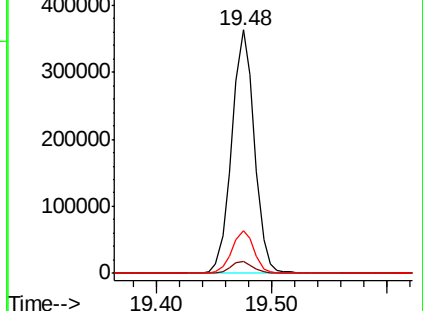
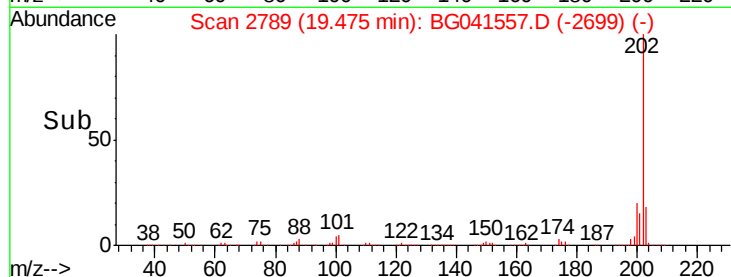
203 17.7 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

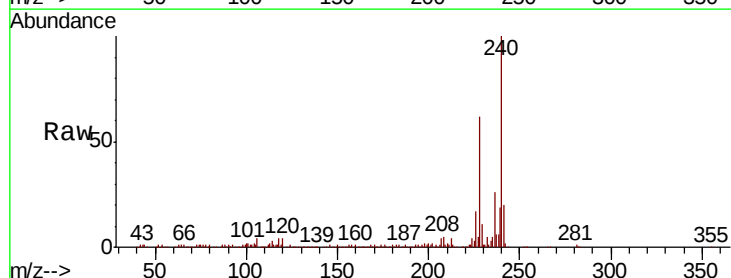
Tgt Ion:240 Resp: 187687

Ion Ratio Lower Upper

240 100

120 3.9 3.7 5.5

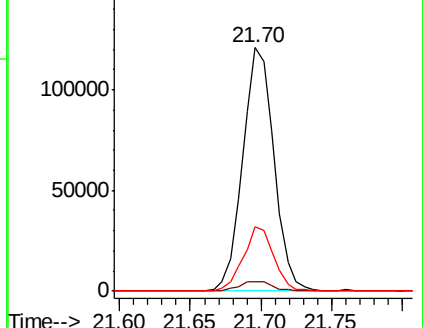
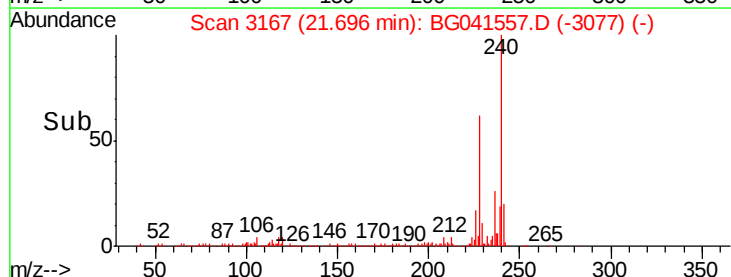
236 26.4 20.8 31.2

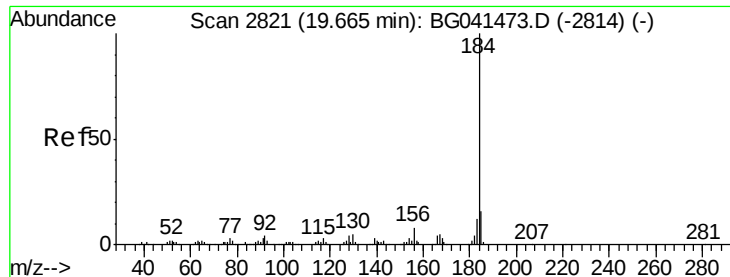


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.324 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

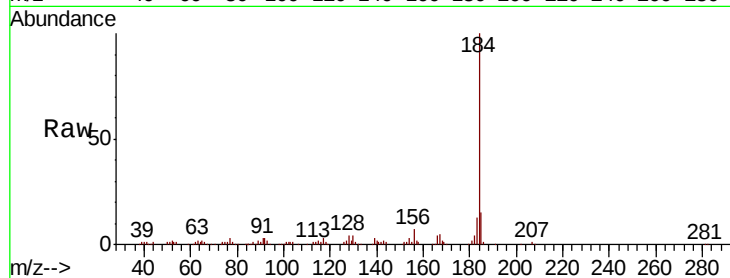
Tot Ion:184 Resp: 176255

Ion Ratio Lower Upper

184 100

185 14.8 12.7 19.1

183 12.7 9.4 14.2



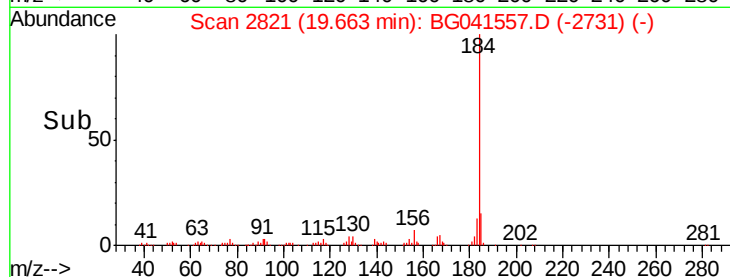
Abundance

Ion 184.00 (183.70 to 184.70): E

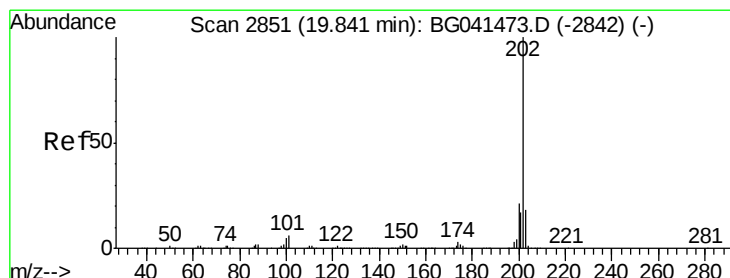
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.66



Time-->



#78

Pyrene

Concen: 38.899 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

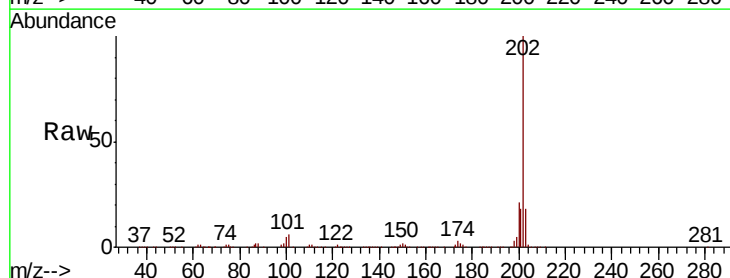
Tgt Ion:202 Resp: 498402

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.6 14.2 21.4



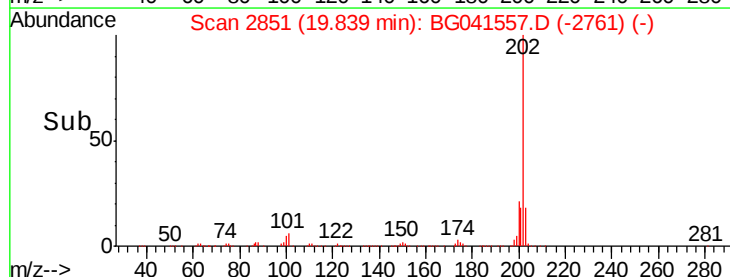
Abundance

Ion 202.00 (201.70 to 202.70): E

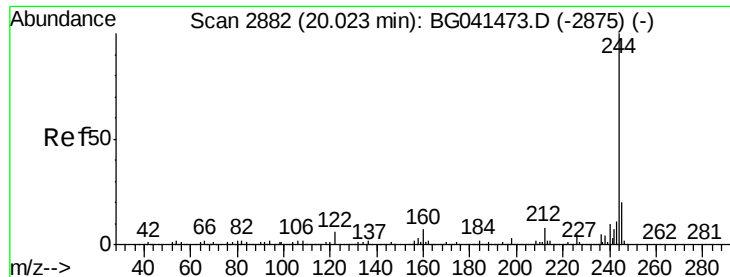
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.84



Time-->



#79

Terphenyl-d14

Concen: 89.765 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

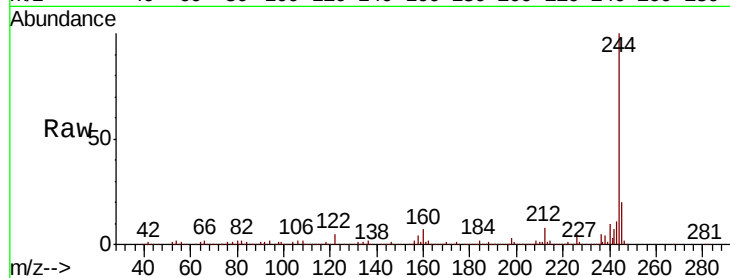
Tot Ion:244 Resp: 792804

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

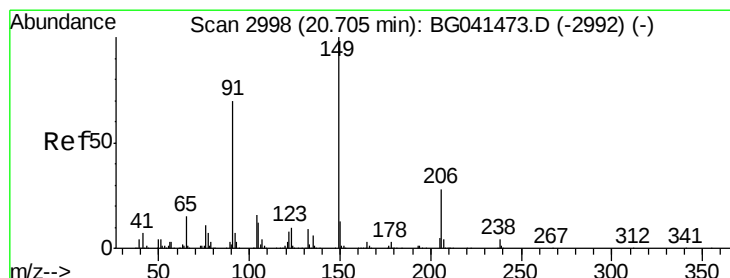
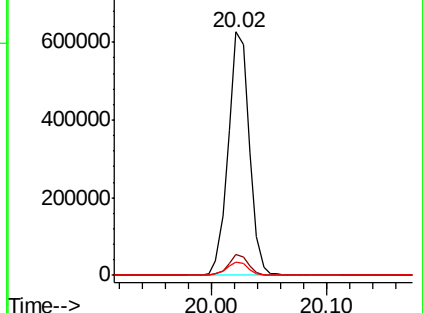
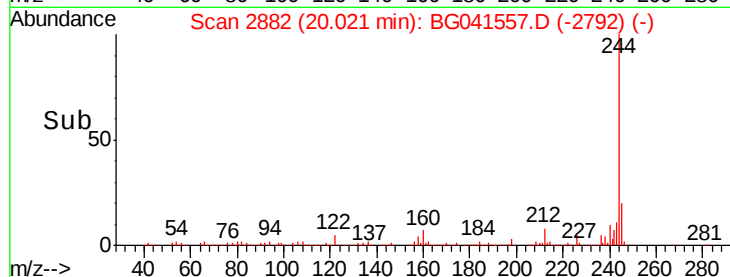
122 5.5 4.8 7.2



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: 37.186 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

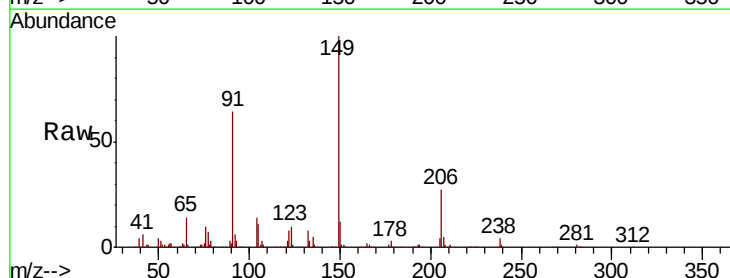
Tgt Ion:149 Resp: 177941

Ion Ratio Lower Upper

149 100

91 63.9 55.9 83.9

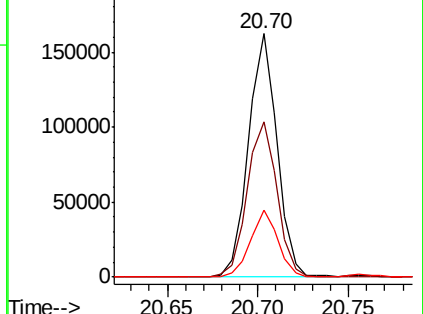
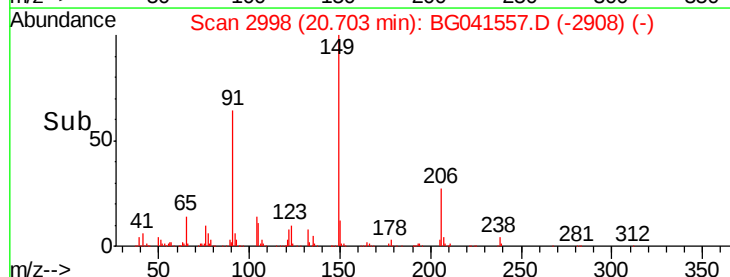
206 27.3 22.1 33.1

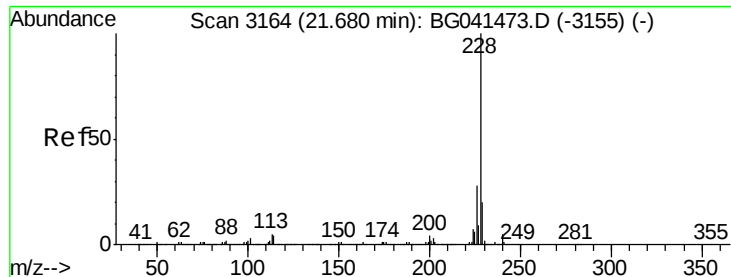


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

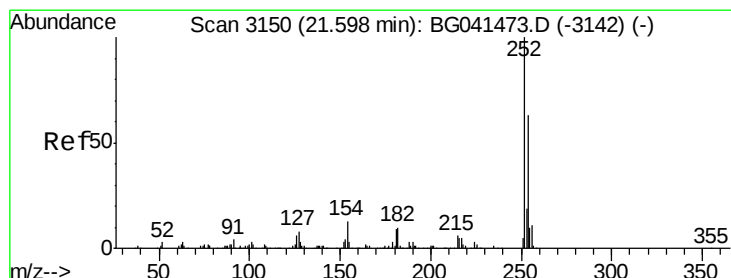
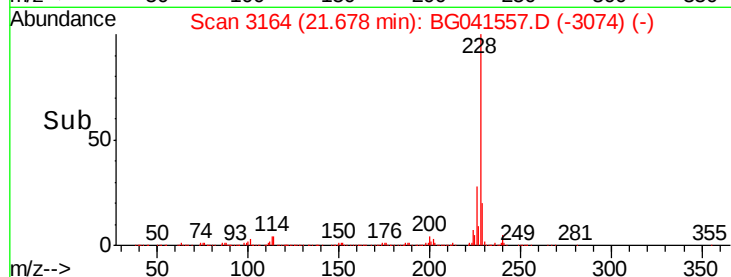
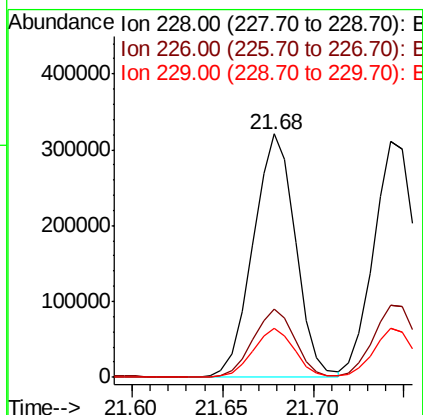
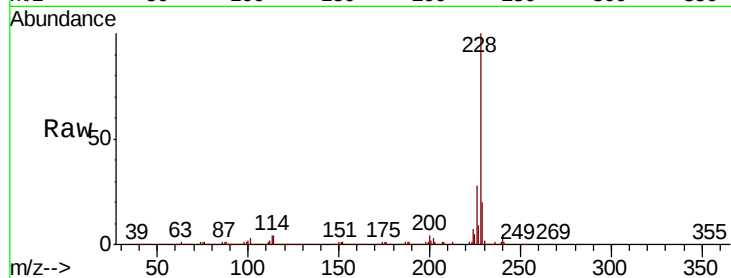




#81
Benzo(a)anthracene
Concen: 39.807 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

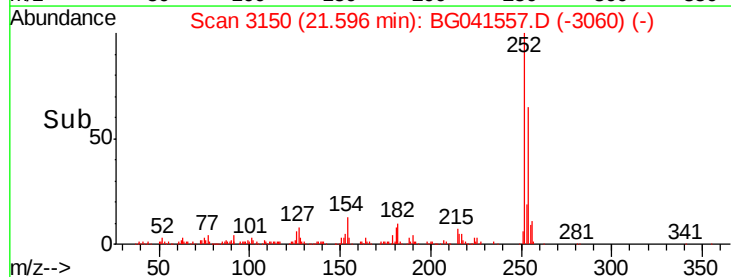
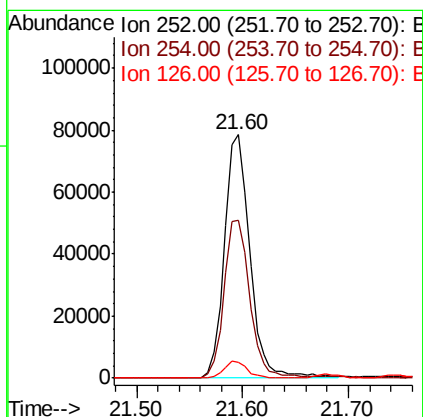
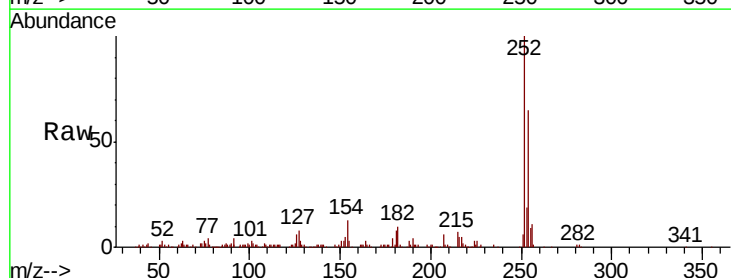
Instrument :
BNA_G
ClientSampleId :
PB120942BS

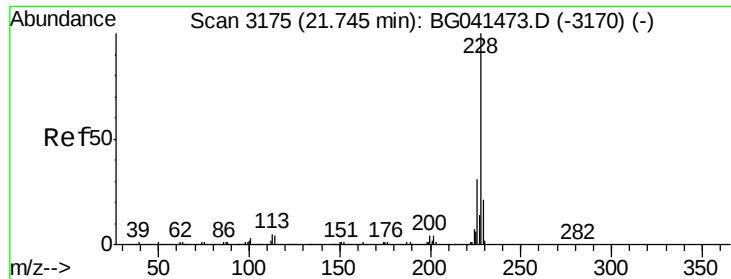
Tot Ion:228 Resp: 519427
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 29.101 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:252 Resp: 131490
Ion Ratio Lower Upper
252 100
254 65.0 50.4 75.6
126 6.4 4.9 7.3





#83

Chrysene

Concen: 39.641 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

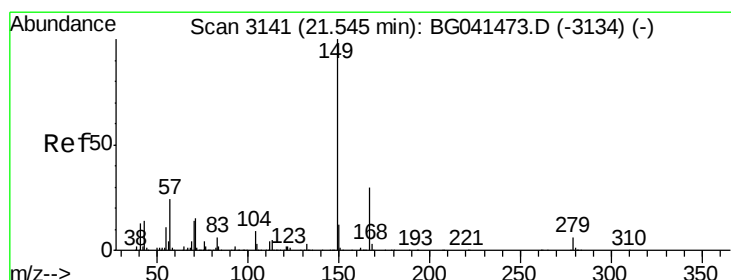
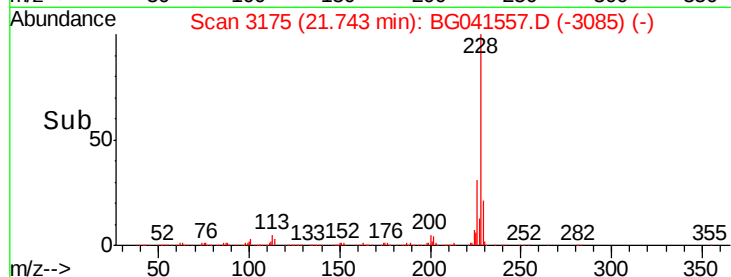
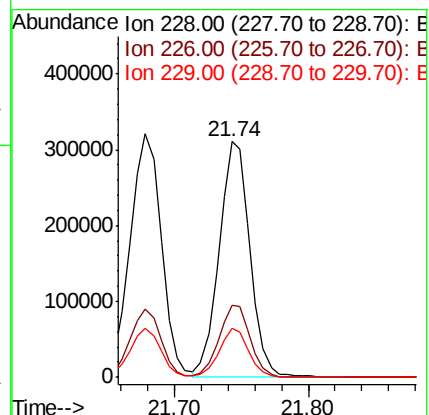
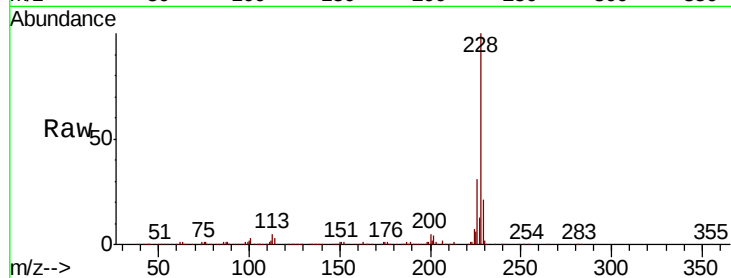
Tot Ion:228 Resp: 500686

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.4

229 21.0 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.422 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

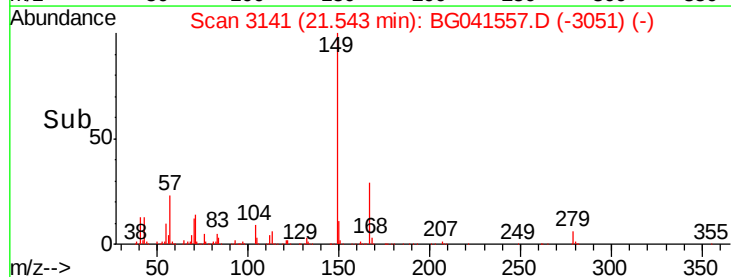
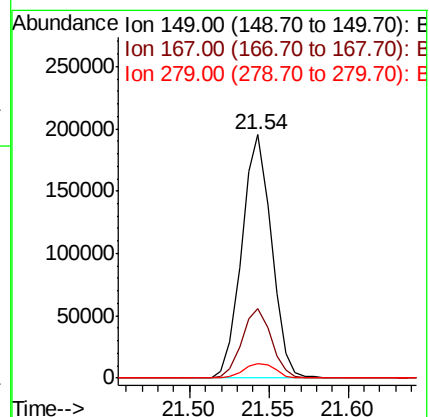
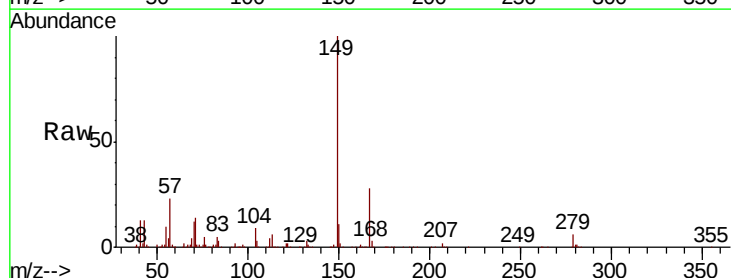
Tgt Ion:149 Resp: 253865

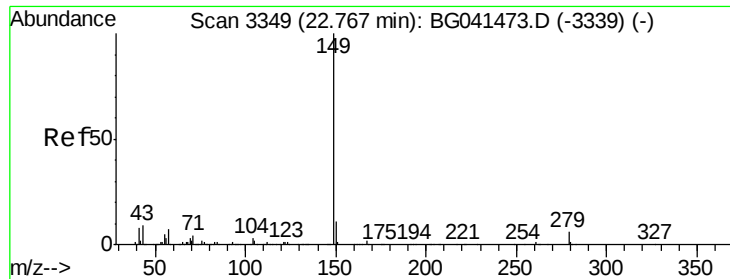
Ion Ratio Lower Upper

149 100

167 28.5 23.6 35.4

279 6.2 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 38.001 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

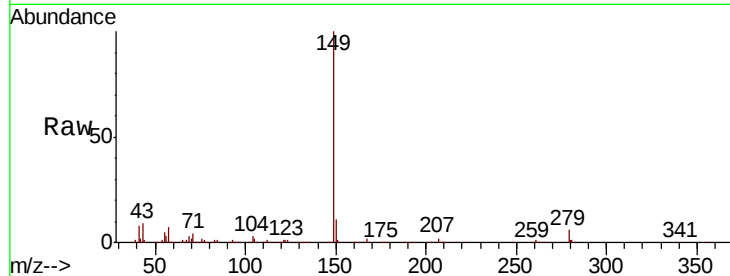
Tot Ion:149 Resp: 436245

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

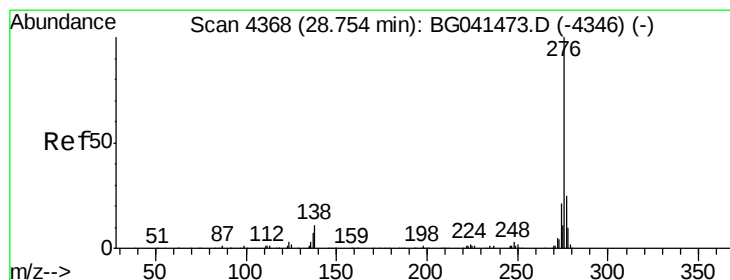
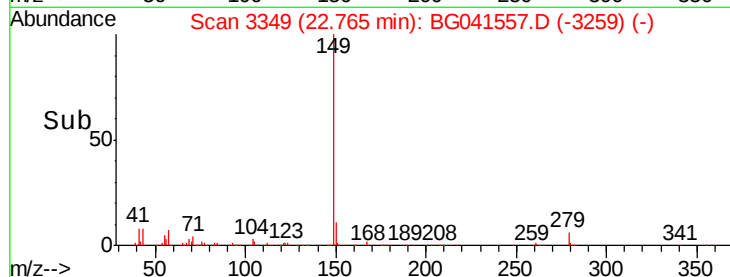
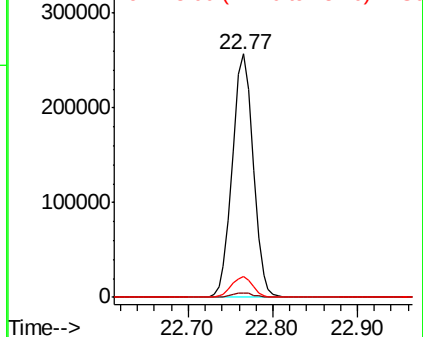
43 8.1 7.2 10.8



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: 39.577 ng

RT: 28.76 min Scan# 4369

Delta R.T. 0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

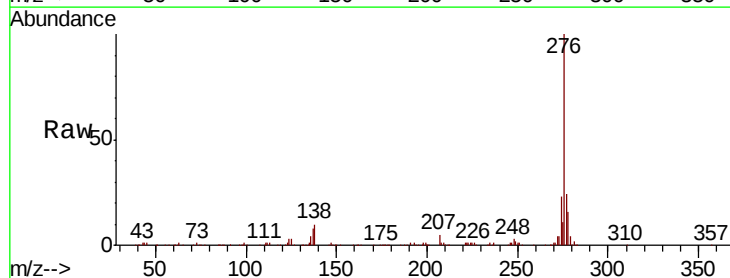
Tgt Ion:276 Resp: 605291

Ion Ratio Lower Upper

276 100

138 5.4 4.9 7.3

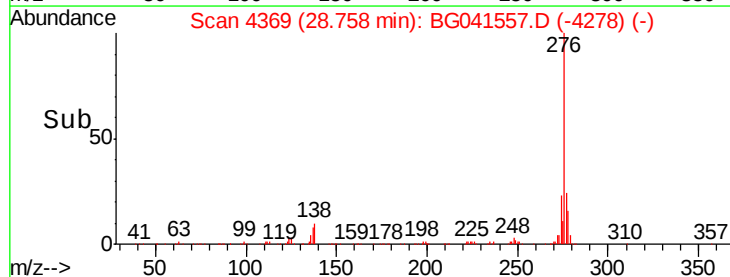
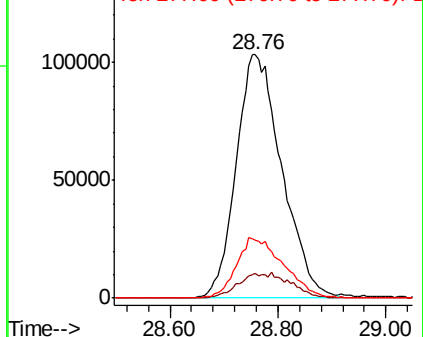
277 25.6 20.4 30.6

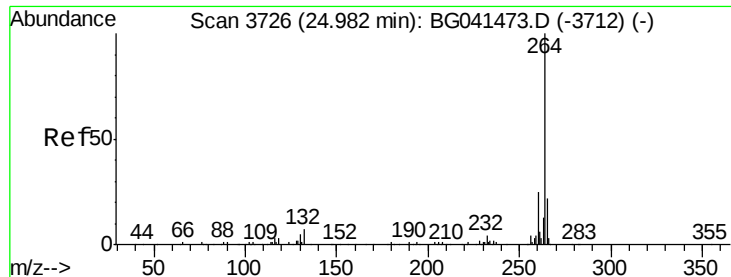


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



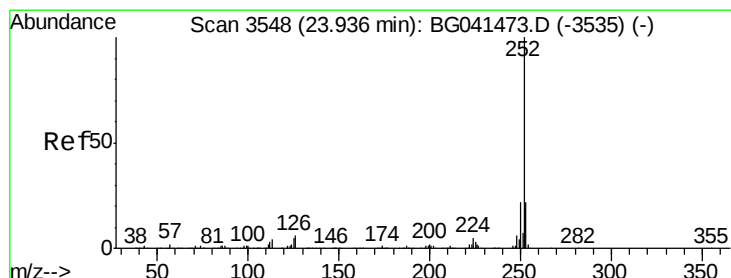
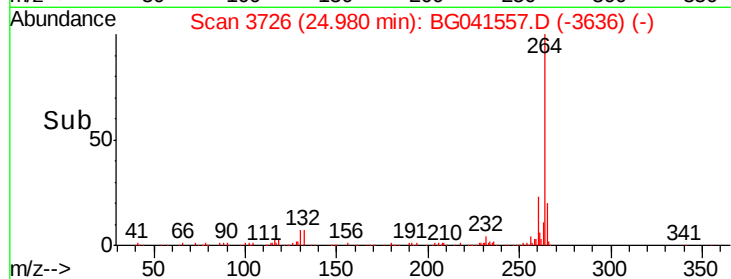
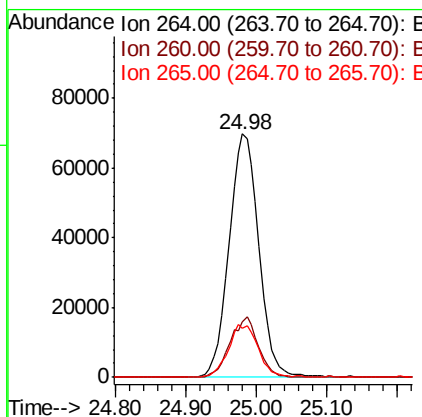
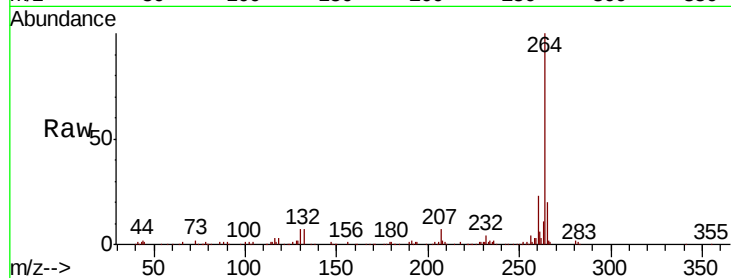


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120942BS

Tot Ion:264 Resp: 203367

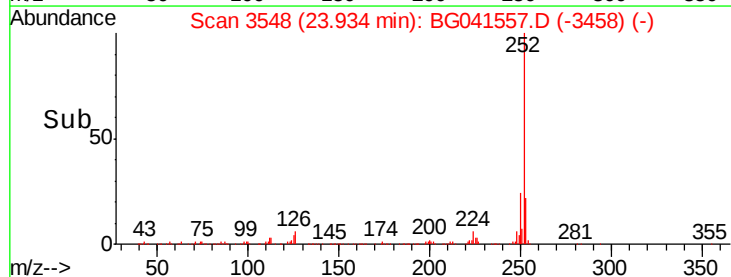
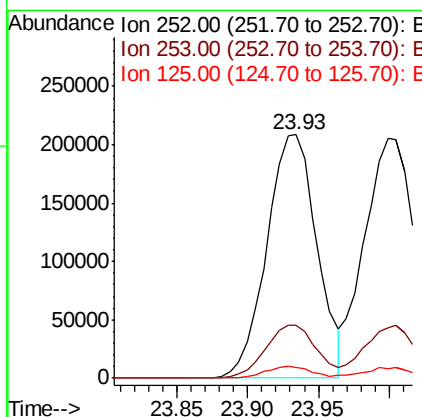
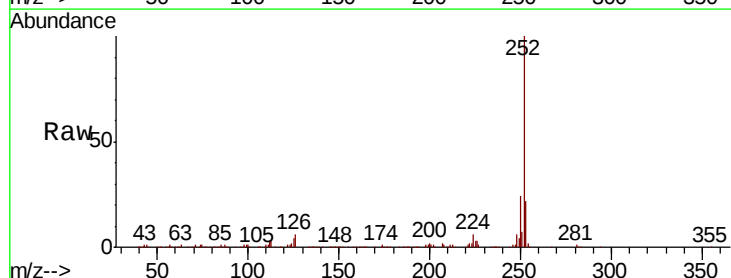
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.7	29.5
265	20.1	17.4	26.2

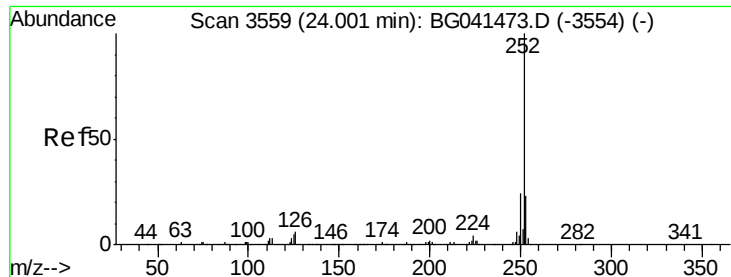


#88
Benzo(b)fluoranthene
Concen: 39.845 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.00 min
Lab File: BG041557.D
Acq: 1 Jul 2019 13:48

Tgt Ion:252 Resp: 516837

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	4.2	3.8	5.8





#89

Benzo(k)fluoranthene

Concen: 40.643 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

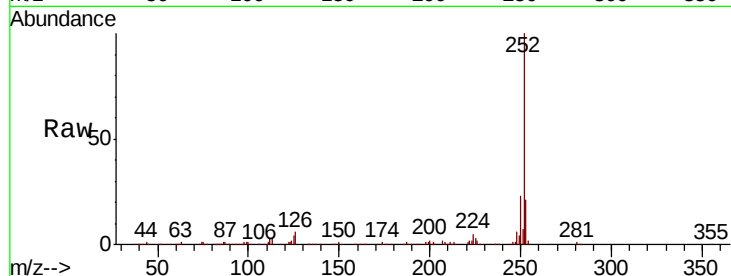
Tot Ion:252 Resp: 517584

Ion Ratio Lower Upper

252 100

253 21.2 18.3 27.5

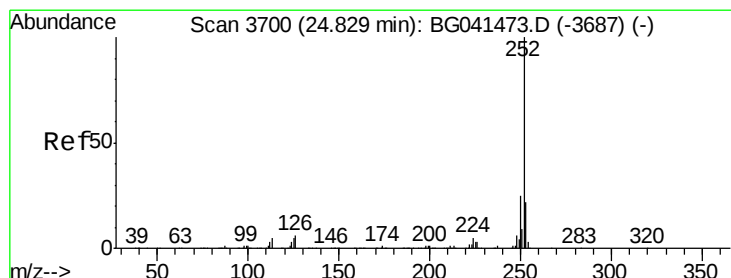
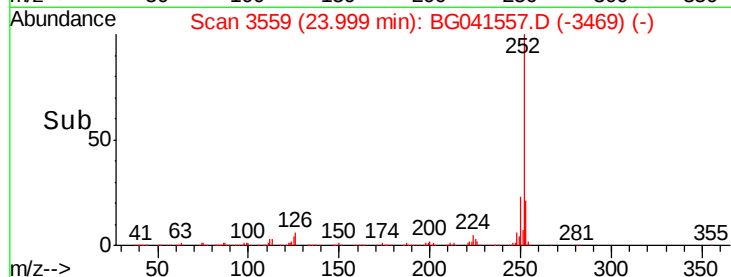
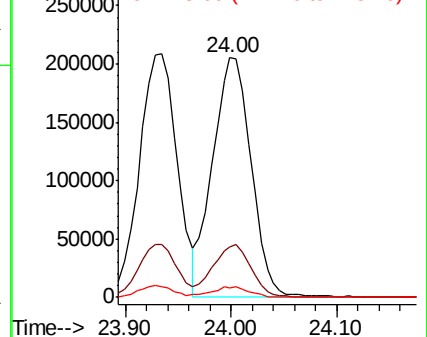
125 4.0 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.624 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

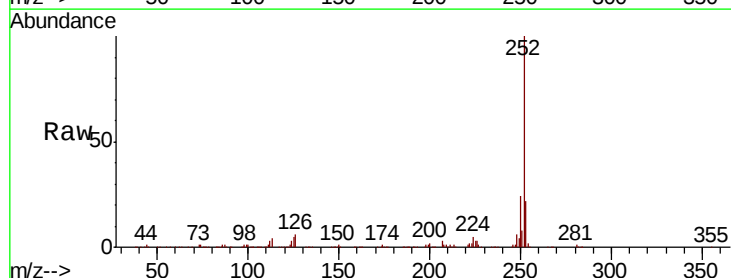
Tgt Ion:252 Resp: 512794

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

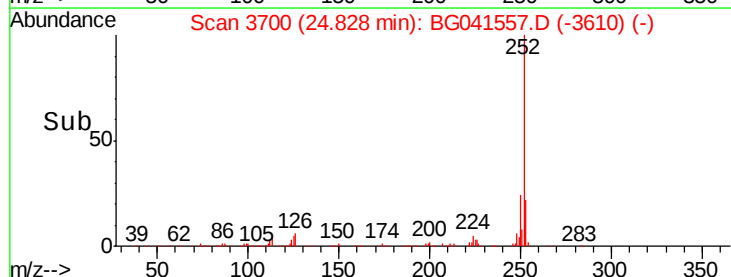
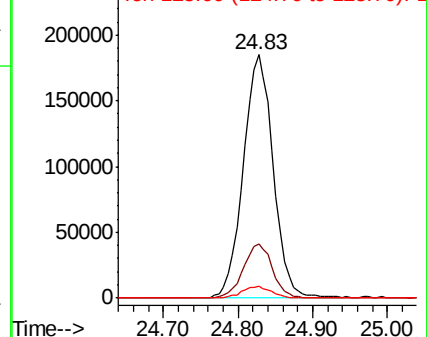
125 4.9 4.4 6.6

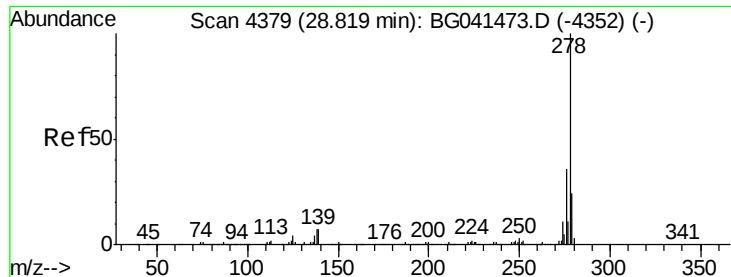


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.421 ng

RT: 28.82 min Scan# 4379

Delta R.T. -0.00 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120942BS

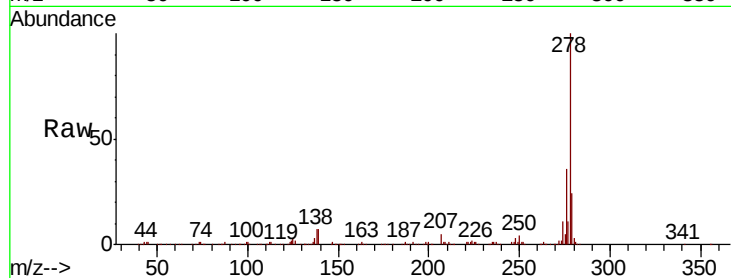
Tot Ion:278 Resp: 511221

Ion Ratio Lower Upper

278 100

139 7.1 5.9 8.9

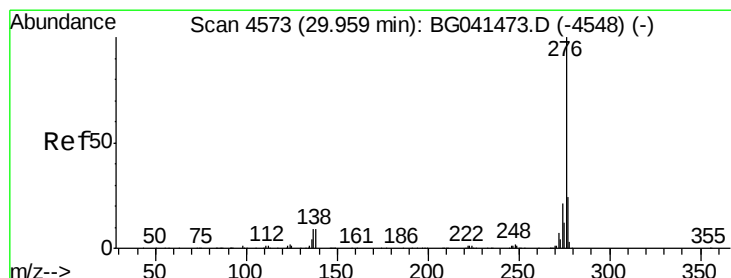
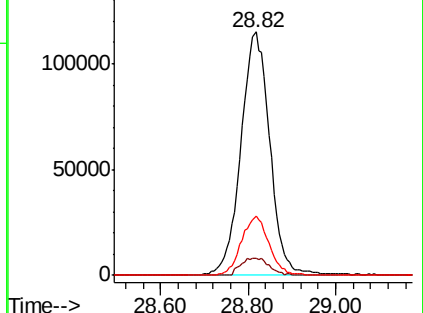
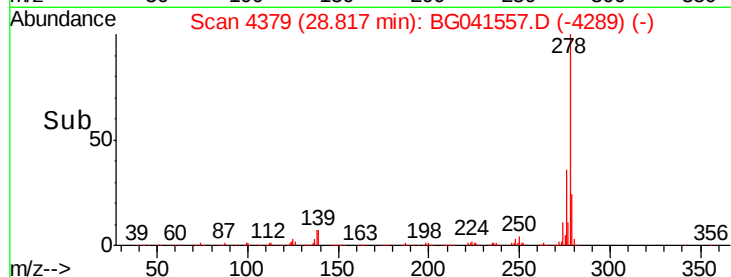
279 24.3 18.9 28.3



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: 41.648 ng

RT: 29.95 min Scan# 4572

Delta R.T. -0.01 min

Lab File: BG041557.D

Acq: 1 Jul 2019 13:48

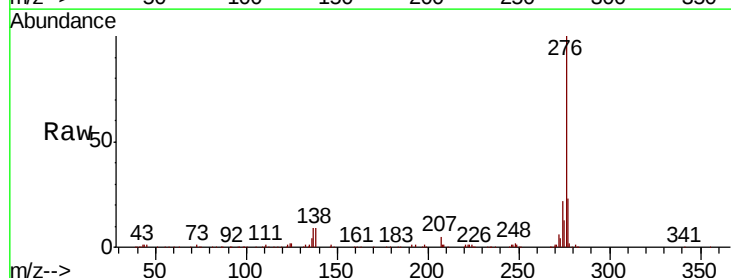
Tgt Ion:276 Resp: 511073

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.2

138 9.3 7.6 11.4



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

