

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083019\
 Data File : BG042597.D
 Acq On : 30 Aug 2019 12:52
 Operator : HP/JU
 Sample : PB122665BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122665BS

Quant Time: Aug 30 14:22:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32375	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	129385	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	95566	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	219474	20.00	ng	0.00
76) Chrysene-d12	21.69	240	250562	20.00	ng	0.00
87) Perylene-d12	24.92	264	271517	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	185654	116.14	ng	0.00
7) Phenol-d6	7.16	99	227077	105.16	ng	0.00
23) Nitrobenzene-d5	9.17	82	120077	64.13	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	148422	109.27	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	389534	68.94	ng	0.00
79) Terphenyl-d14	20.02	244	788141	68.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	23197	34.773	ng	93
3) Pyridine	3.82	79	50971	29.797	ng	98
4) n-Nitrosodimethylamine	3.73	42	25036	40.978	ng	88
6) Aniline	7.32	93	80761	28.042	ng	99
8) 2-Chlorophenol	7.56	128	82369	42.517	ng	99
9) Benzaldehyde	7.13	77	47148	43.614	ng	96
10) Phenol	7.19	94	89216	40.637	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	64413	37.358	ng	98
12) 1,3-Dichlorobenzene	7.89	146	94798	38.465	ng	98
13) 1,4-Dichlorobenzene	8.03	146	97900	39.217	ng	99
14) 1,2-Dichlorobenzene	8.36	146	93825	39.247	ng	97
15) Benzyl Alcohol	8.24	79	60640	39.035	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	79323	33.943	ng	97
17) 2-Methylphenol	8.45	107	65098	40.257	ng	95
18) Hexachloroethane	9.08	117	31779	37.185	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	48940	34.985	ng	94
20) 3+4-Methylphenols	8.78	107	85607	38.259	ng	98
22) Acetophenone	8.82	105	113182	40.899	ng	98
24) Nitrobenzene	9.21	77	73997	39.028	ng	97
25) Isophorone	9.73	82	135615	36.702	ng	99
26) 2-Nitrophenol	9.92	139	49048	41.281	ng	97
27) 2,4-Dimethylphenol	9.99	122	74334	45.417	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	85346	36.646	ng	99
29) 2,4-Dichlorophenol	10.47	162	92037	42.981	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	108208	41.169	ng	96
31) Naphthalene	10.87	128	241816	40.256	ng	100
32) Benzoic acid	10.14	122	31274	30.017	ng	95
33) 4-Chloroaniline	10.98	127	64862	23.390	ng	97
34) Hexachlorobutadiene	11.16	225	71602	40.535	ng	98
35) Caprolactam	11.75	113	15506	21.701	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	81382	40.035	ng	98
37) 2-Methylnaphthalene	12.48	142	192998	40.013	ng	100
38) 1-Methylnaphthalene	12.70	142	181368	39.587	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	135707	44.219	ng	99

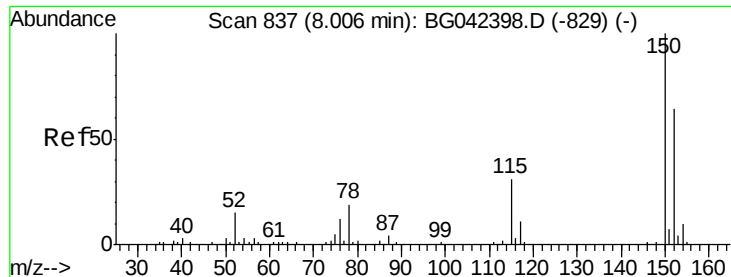
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	114353	70.935	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	83690	40.344	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	88638	41.233	ng	99
46) 1,1'-Biphenyl	13.48	154	253526	41.040	ng	98
47) 2-Chloronaphthalene	13.53	162	210998	39.612	ng	99
48) 2-Nitroaniline	13.73	65	45733	35.604	ng	96
49) Acenaphthylene	14.38	152	328744	41.023	ng	100
50) Dimethylphthalate	14.11	163	261417	37.912	ng	99
51) 2,6-Dinitrotoluene	14.23	165	62280	38.966	ng	100
52) Acenaphthene	14.72	154	191164	39.285	ng	98
53) 3-Nitroaniline	14.56	138	44453	27.810	ng	94
54) 2,4-Dinitrophenol	14.78	184	62911	60.082	ng	97
55) Dibenzofuran	15.05	168	329531	40.912	ng	99
56) 4-Nitrophenol	14.88	139	87006	76.601	ng	95
57) 2,4-Dinitrotoluene	15.02	165	89290	39.013	ng	# 99
58) Fluorene	15.71	166	265258	40.287	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	83811	39.424	ng	98
60) Diethylphthalate	15.47	149	254407	37.742	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	158264	39.874	ng	99
62) 4-Nitroaniline	15.73	138	62150	36.329	ng	95
63) Azobenzene	15.99	77	169531	36.704	ng	96
65) 4,6-Dinitro-2-methylphenol	15.79	198	56164	40.817	ng	99
66) n-Nitrosodiphenylamine	15.91	169	242442	40.168	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	109957	39.498	ng	98
68) Hexachlorobenzene	16.72	284	118260	39.077	ng	100
69) Atrazine	16.86	200	93108	43.622	ng	98
70) Pentachlorophenol	17.07	266	131284	83.492	ng	98
71) Phenanthrene	17.45	178	458574	42.065	ng	99
72) Anthracene	17.54	178	467058	42.916	ng	99
73) Carbazole	17.82	167	411436	42.418	ng	99
74) Di-n-butylphthalate	18.37	149	464566	40.518	ng	99
75) Fluoranthene	19.47	202	612139	46.009	ng	97
77) Benzidine	19.64	184	239677	33.364	ng	98
78) Pyrene	19.82	202	621461	40.455	ng	98
80) Butylbenzylphthalate	20.71	149	222275	36.787	ng	98
81) Benzo(a)anthracene	21.67	228	615846	40.404	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	218356	35.620	ng	98
83) Chrysene	21.73	228	602482	40.986	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	323997	38.621	ng	98
85) Di-n-octyl phthalate	22.79	149	564596	39.130	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	788834	39.488	ng	# 97
88) Benzo(b)fluoranthene	23.97	252	672392	45.045	ng	99
89) Benzo(k)fluoranthene	23.97	252	672398	46.863	ng	99
90) Benzo(a)pyrene	24.78	252	667968	47.158	ng	99
91) Dibenzo(a,h)anthracene	28.69	278	654809	45.658	ng	99
92) Benzo(g,h,i)perylene	29.79	276	658512	45.909	ng	99

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

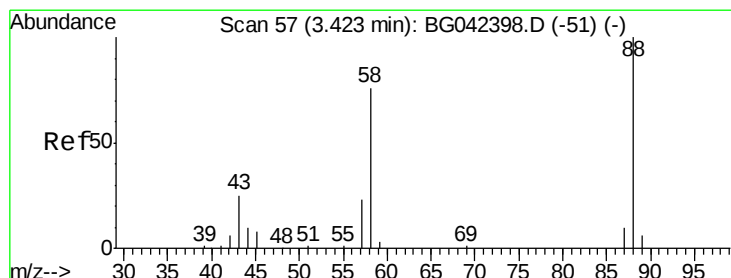
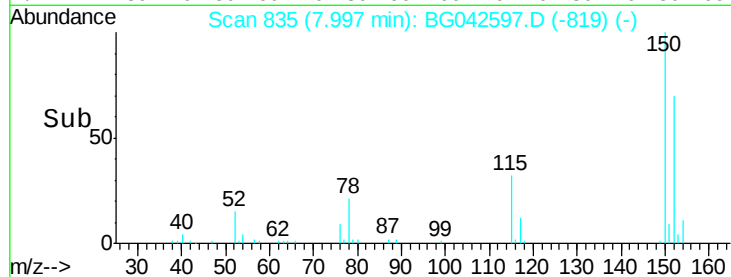
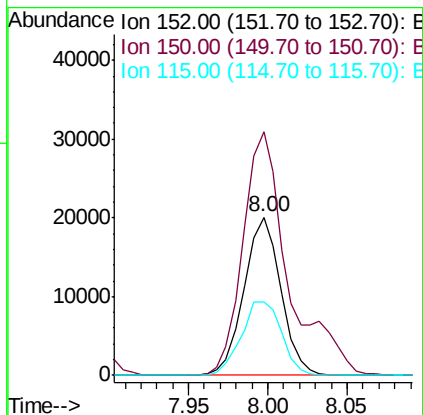
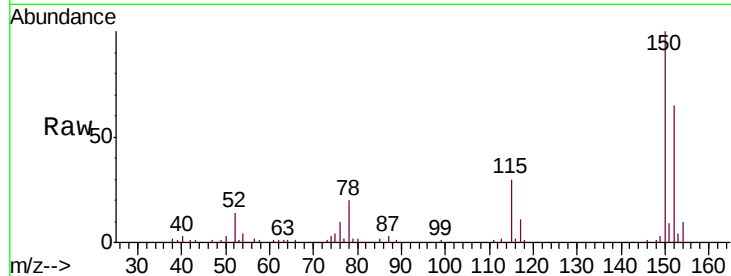


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Instrument :
BNA_G
ClientSampleId :
PB122665BS

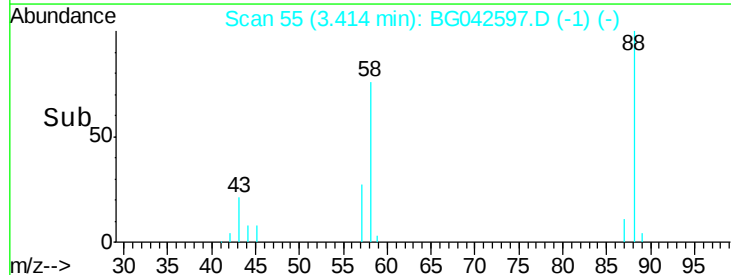
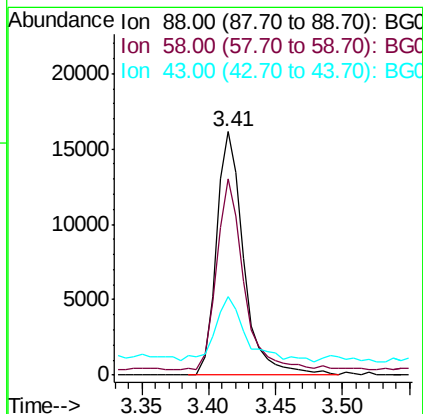
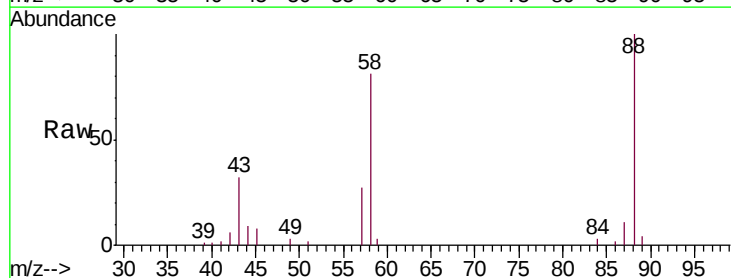
Tgt Ion:152 Resp: 32375
Ion Ratio Lower Upper
152 100
150 153.7 125.4 188.0
115 46.0 38.5 57.7



#2

1,4-Dioxane
Concen: 34.773 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion: 88 Resp: 23197
Ion Ratio Lower Upper
88 100
58 77.7 58.3 87.5
43 30.1 20.2 30.2





#3

Pyridine

Concen: 29.797 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

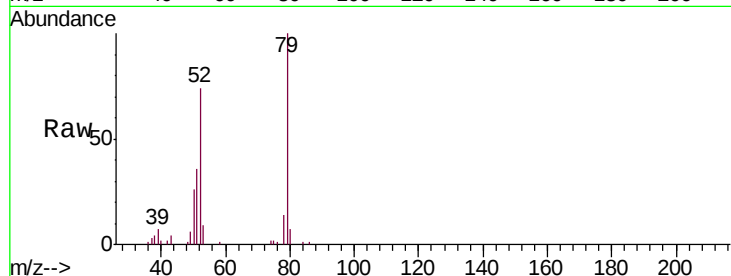
Tgt Ion: 79 Resp: 50971

Ion Ratio Lower Upper

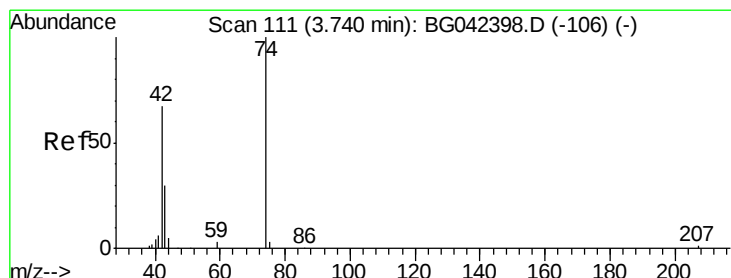
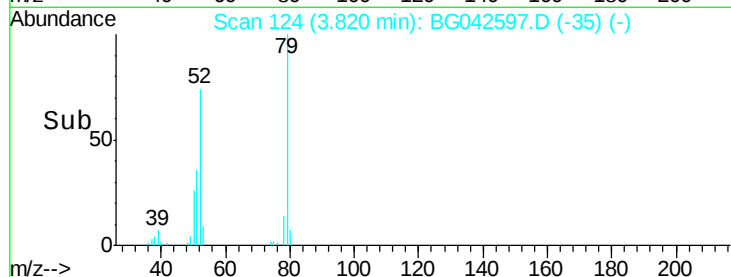
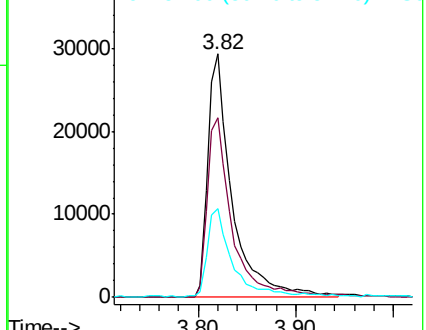
79 100

52 73.9 57.7 86.5

51 36.4 28.8 43.2



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



#4

n-Nitrosodimethylamine

Concen: 40.978 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

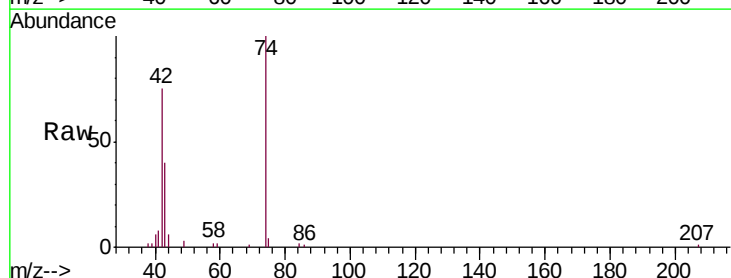
Tgt Ion: 42 Resp: 25036

Ion Ratio Lower Upper

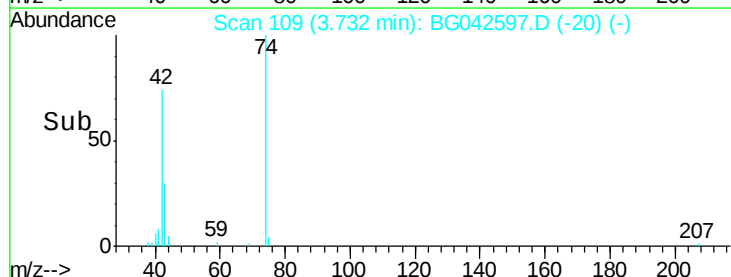
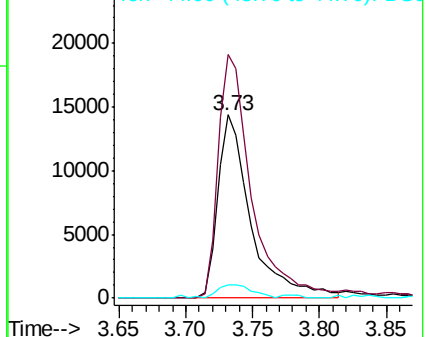
42 100

74 133.1 119.6 179.4

44 7.4 6.5 9.7



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: 116.140 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

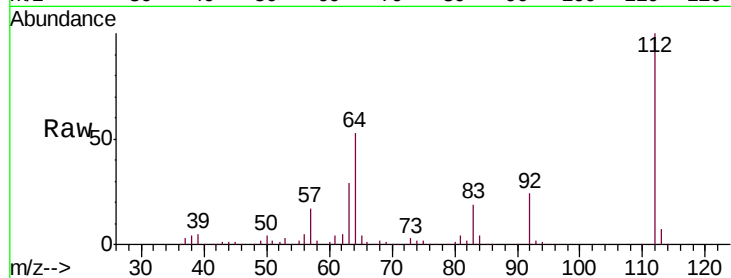
Tgt Ion: 112 Resp: 185654

Ion Ratio Lower Upper

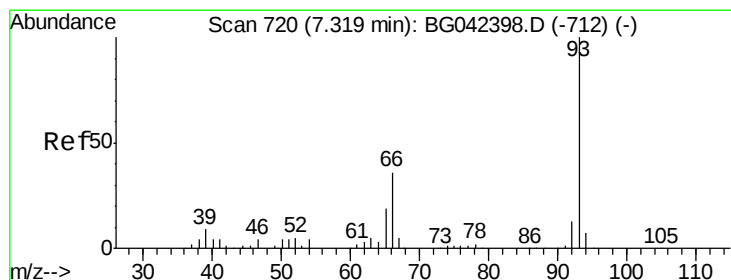
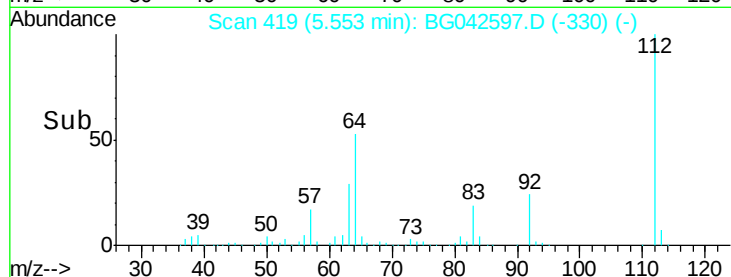
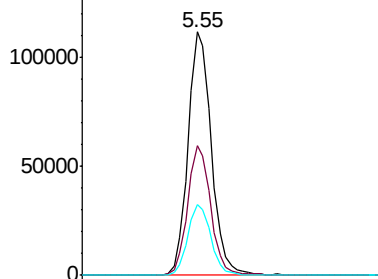
112 100

64 53.0 42.8 64.2

63 29.0 22.7 34.1



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: 28.042 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

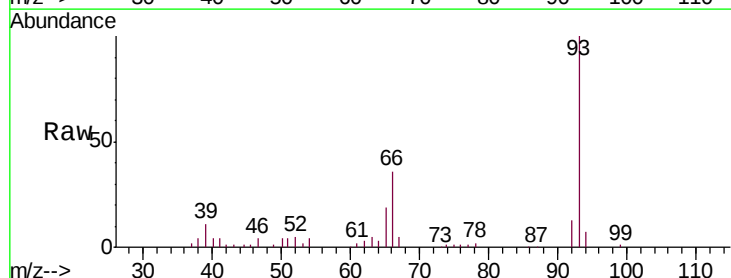
Tgt Ion: 93 Resp: 80761

Ion Ratio Lower Upper

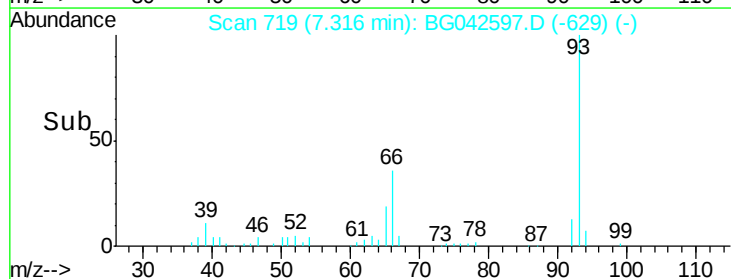
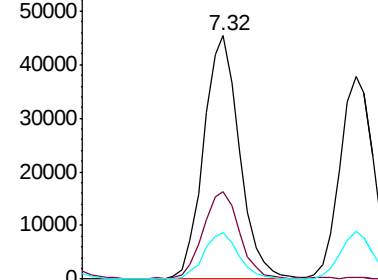
93 100

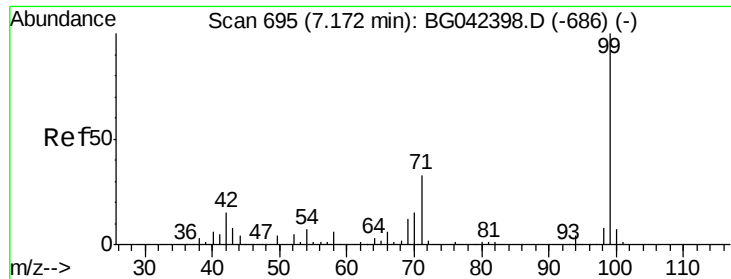
66 35.8 29.0 43.6

65 18.9 15.2 22.8



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: 105.164 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

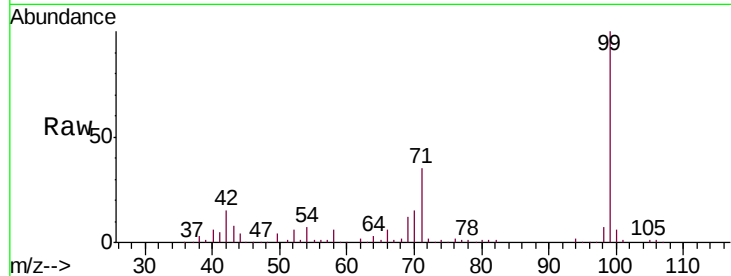
Tgt Ion: 99 Resp: 227077

Ion Ratio Lower Upper

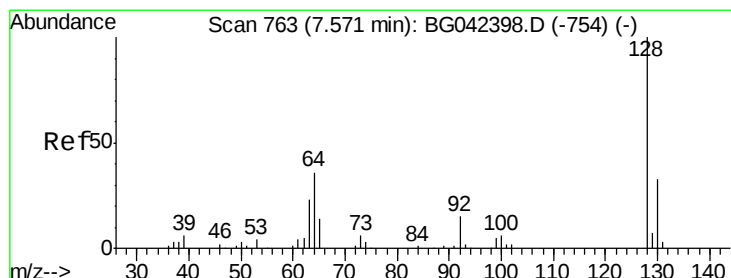
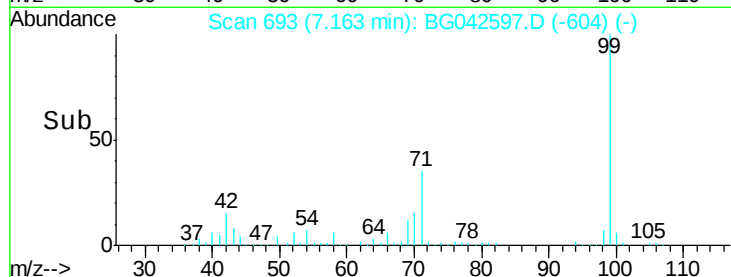
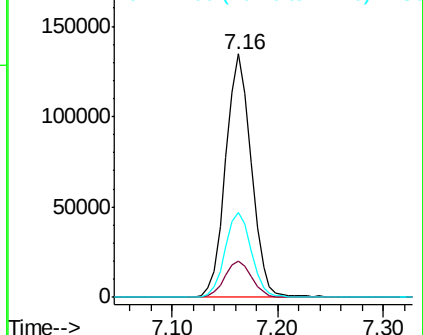
99 100

42 14.9 12.0 18.0

71 34.9 26.3 39.5



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: 42.517 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

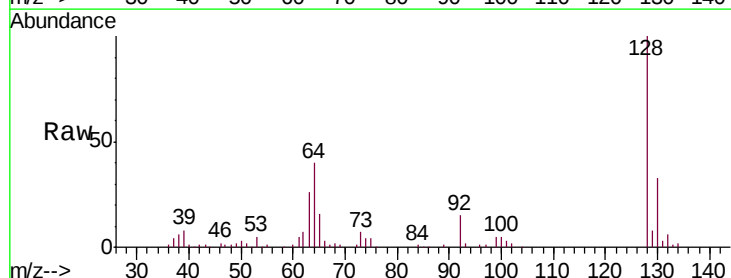
Tgt Ion: 128 Resp: 82369

Ion Ratio Lower Upper

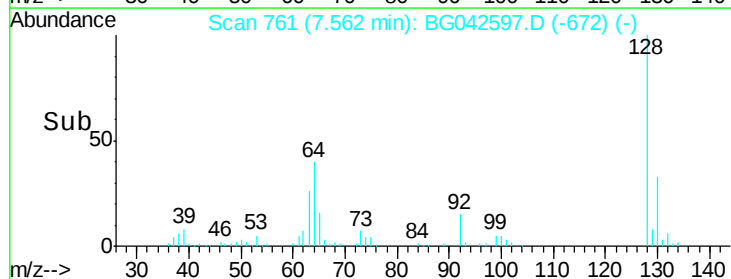
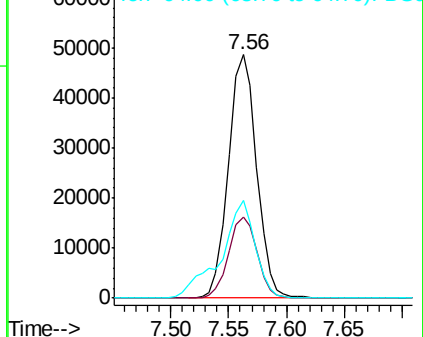
128 100

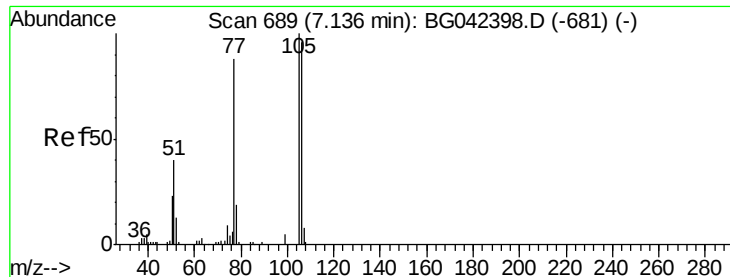
130 33.1 12.8 52.8

64 40.0 19.2 59.2



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





#9

Benzaldehyde

Concen: 43.614 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

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ClientSampleId :

PB122665BS

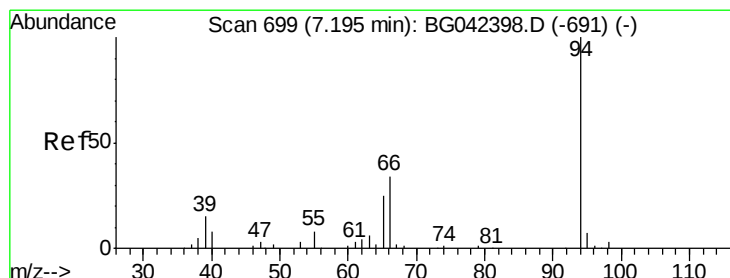
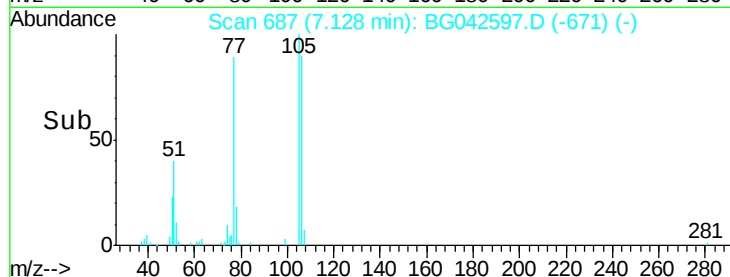
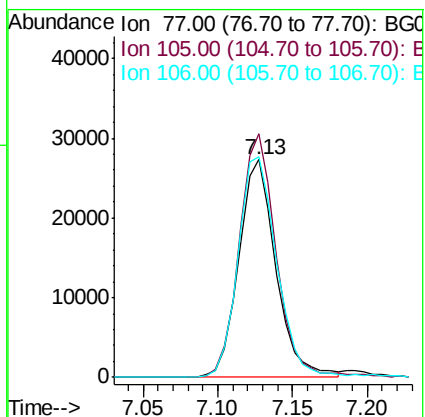
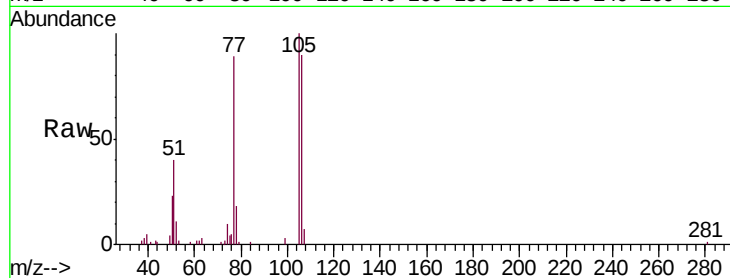
Tgt Ion: 77 Resp: 47148

Ion Ratio Lower Upper

77 100

105 111.9 93.4 133.4

106 101.2 88.4 128.4



#10

Phenol

Concen: 40.637 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

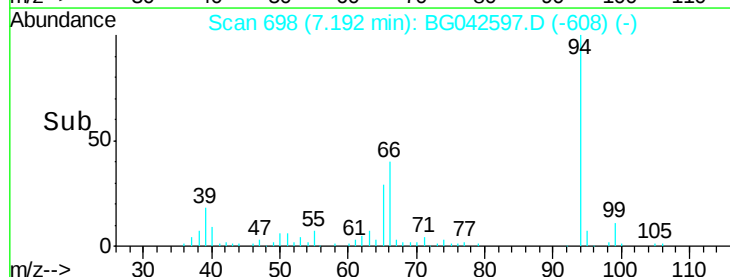
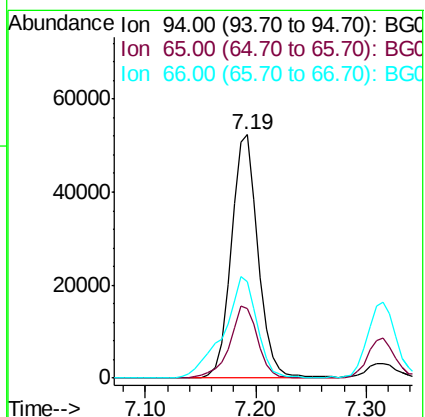
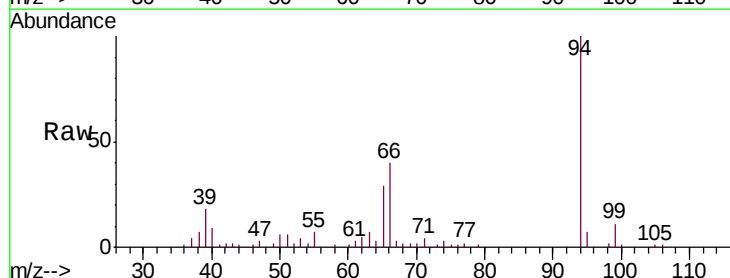
Tgt Ion: 94 Resp: 89216

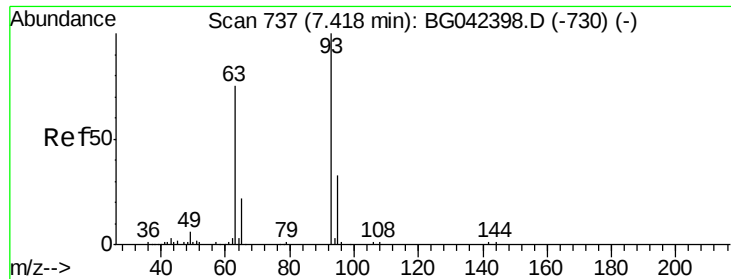
Ion Ratio Lower Upper

94 100

65 28.8 5.6 45.6

66 39.5 16.0 56.0



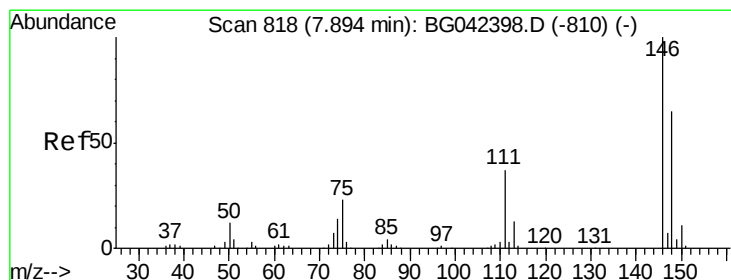
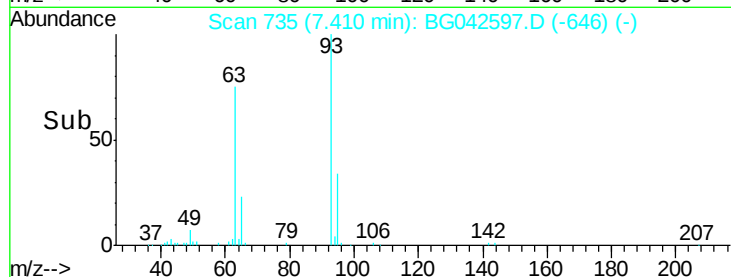
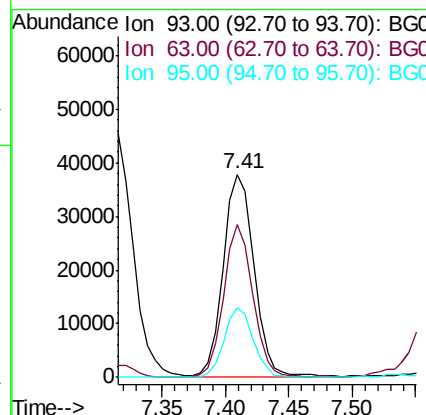
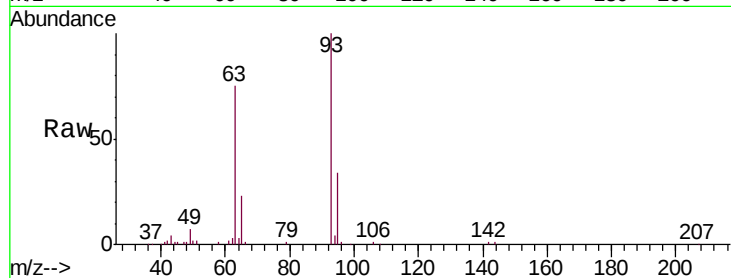


#11
bis(2-Chloroethyl)ether
Concen: 37.358 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion: 93 Resp: 64413

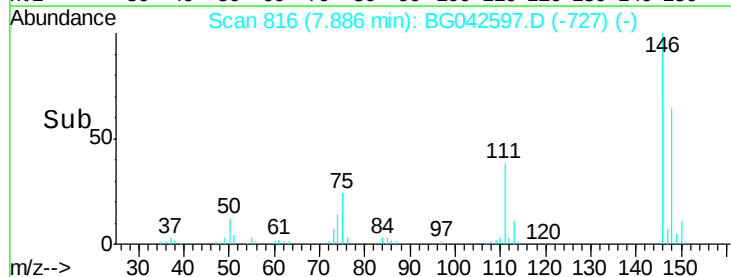
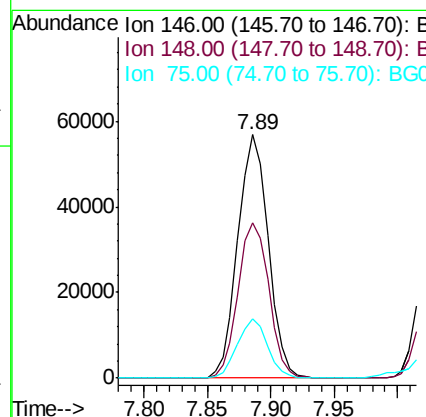
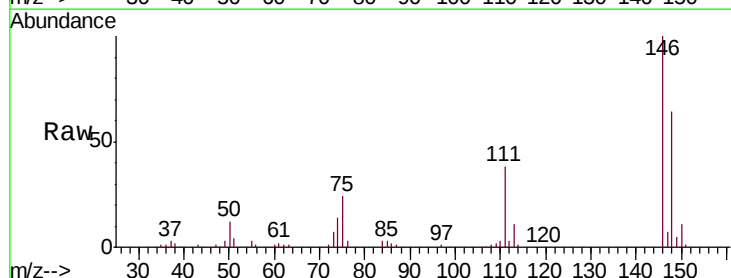
Ion	Ratio	Lower	Upper
93	100		
63	75.0	53.8	93.8
95	34.4	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 38.465 ng
RT: 7.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion: 146 Resp: 94798

Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
75	24.3	18.0	27.0

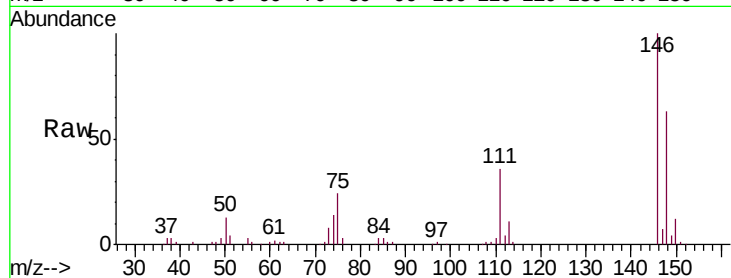




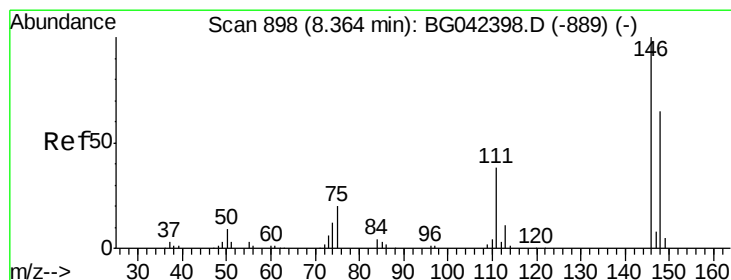
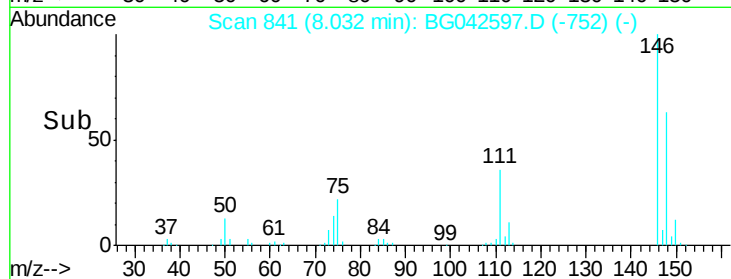
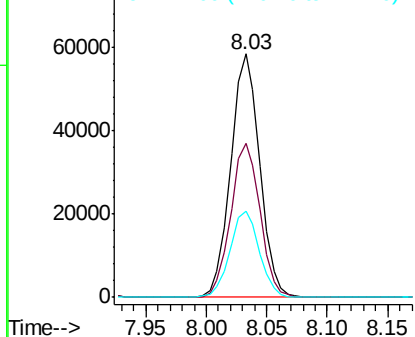
#13
 1,4-Dichlorobenzene
 Concen: 39.217 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB122665BS

Tgt Ion:146 Resp: 97900
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.5 74.3
 111 35.5 28.1 42.1

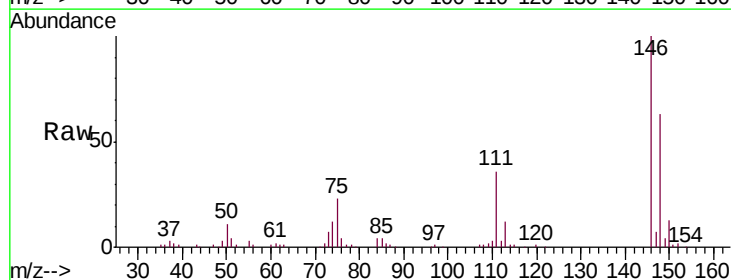


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

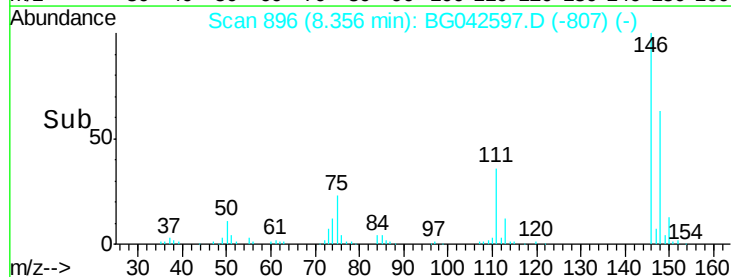
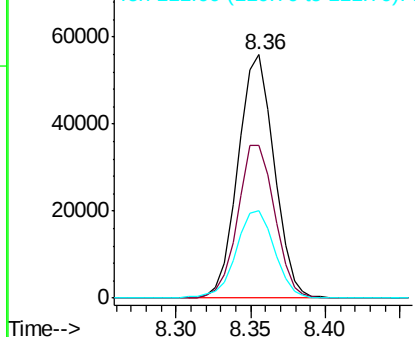


#14
 1,2-Dichlorobenzene
 Concen: 39.247 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

Tgt Ion:146 Resp: 93825
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.8 77.6
 111 36.1 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.035 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

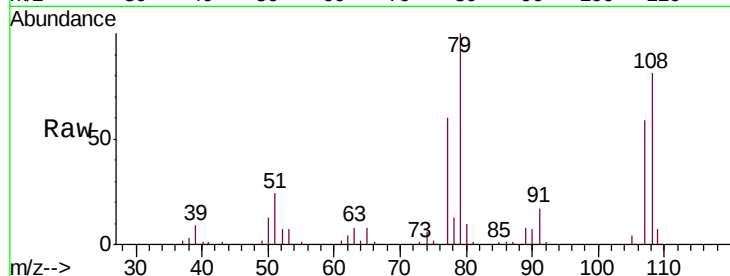
Tgt Ion: 79 Resp: 60640

Ion Ratio Lower Upper

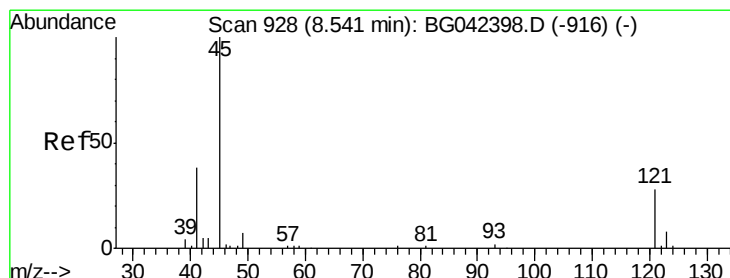
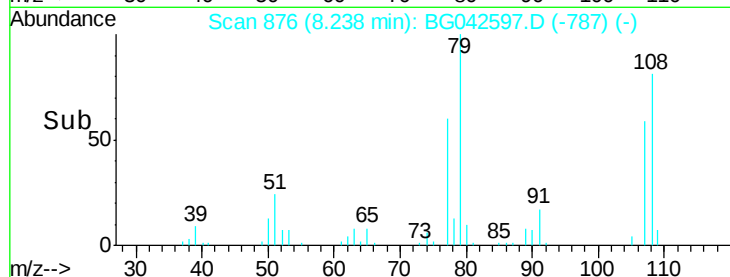
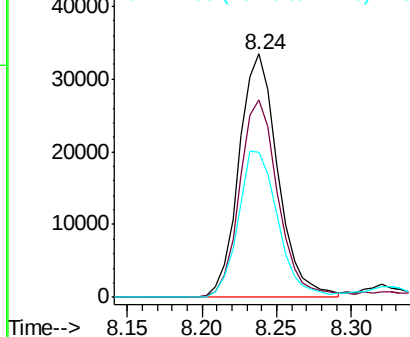
79 100

108 81.3 67.4 101.2

77 59.6 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.943 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

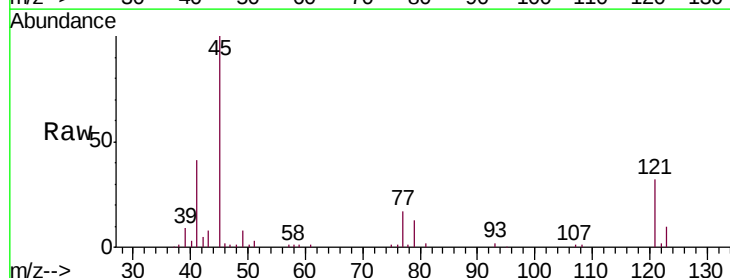
Tgt Ion: 45 Resp: 79323

Ion Ratio Lower Upper

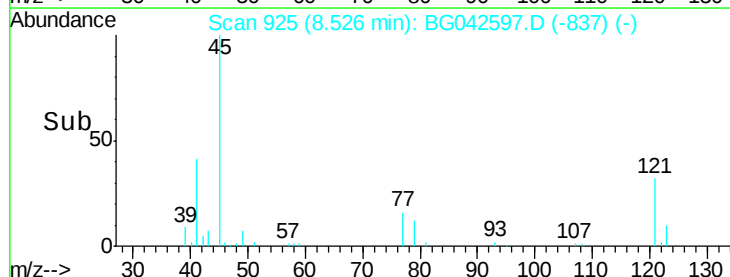
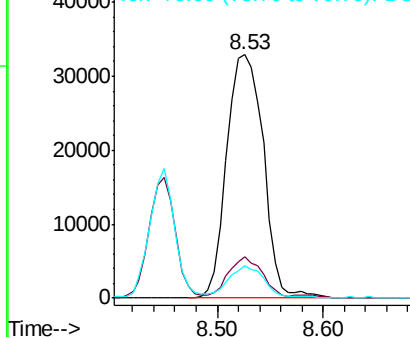
45 100

77 16.7 0.0 35.6

79 13.1 0.0 31.6



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

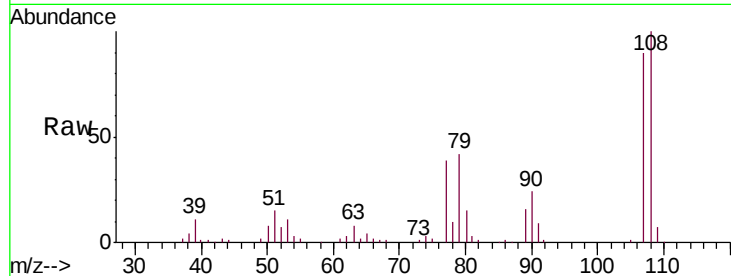




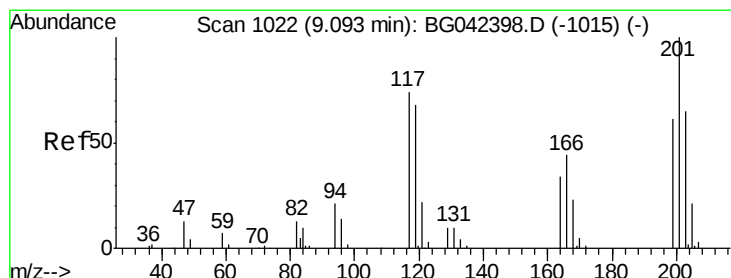
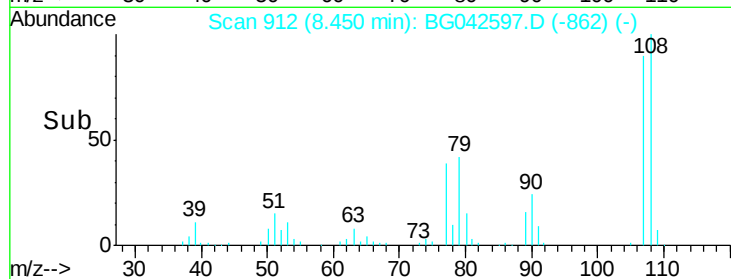
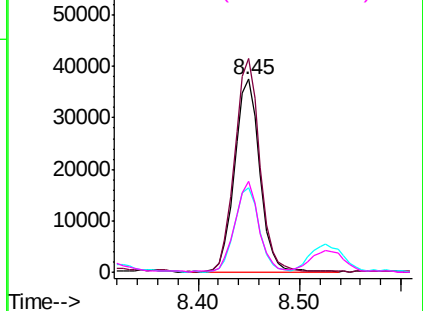
#17
2-Methylphenol
Concen: 40.257 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion:	107	Resp:	65098
Ion	Ratio	Lower	Upper
107	100		
108	110.7	92.9	139.3
77	43.6	34.4	51.6
79	46.9	33.8	50.6

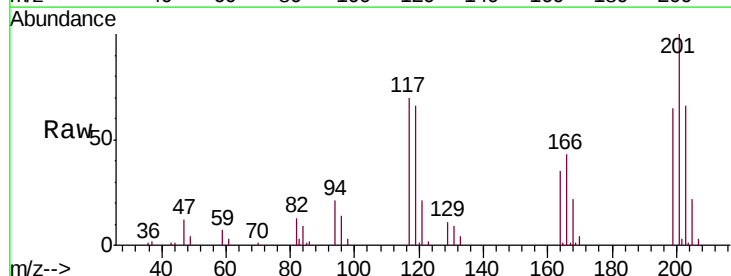


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

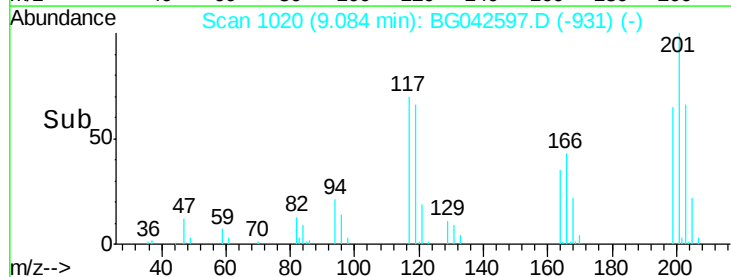
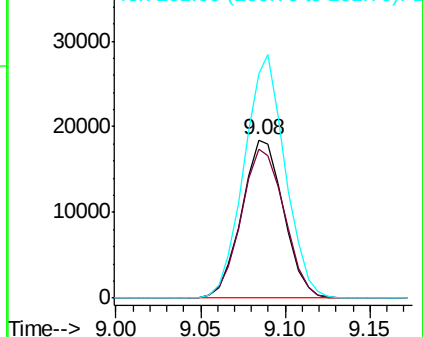


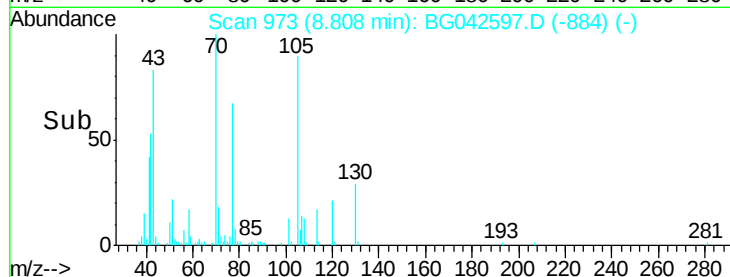
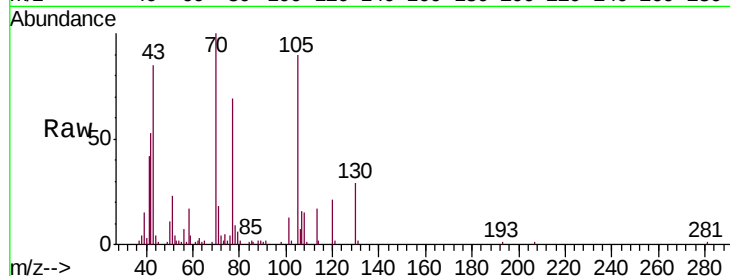
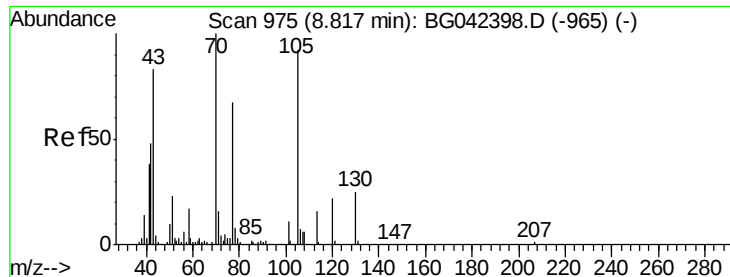
#18
Hexachloroethane
Concen: 37.185 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion:	117	Resp:	31779
Ion	Ratio	Lower	Upper
117	100		
119	93.7	73.8	110.8
201	142.0	108.3	162.5



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

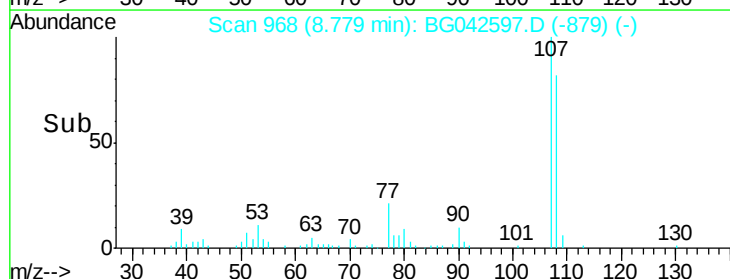
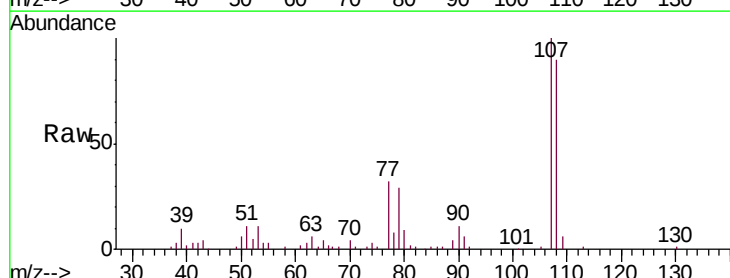
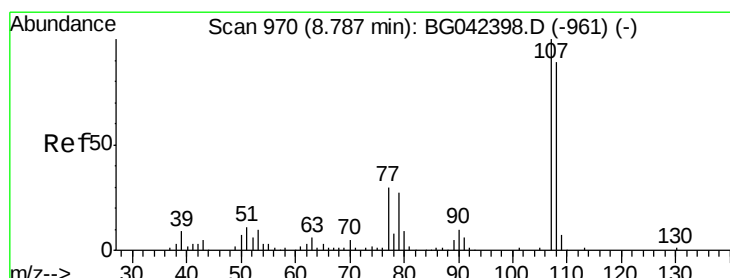
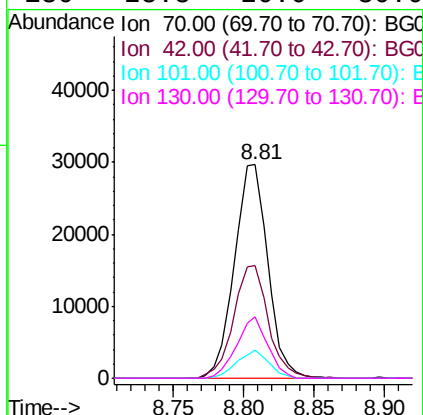




#19
n-Nitroso-di-n-propylamine
Concen: 34.985 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

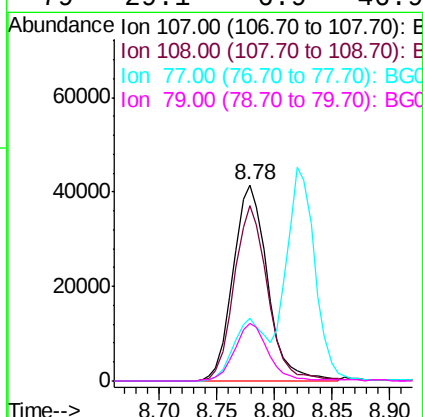
Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion:	70	Resp:	48940
Ion	Ratio	Lower	Upper
70	100		
42	52.9	38.8	58.2
101	12.9	9.0	13.6
130	28.8	20.0	30.0



#20
3+4-Methylphenols
Concen: 38.259 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion:	107	Resp:	85607
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.7	108.7
77	32.2	10.2	50.2
79	29.1	6.9	46.9

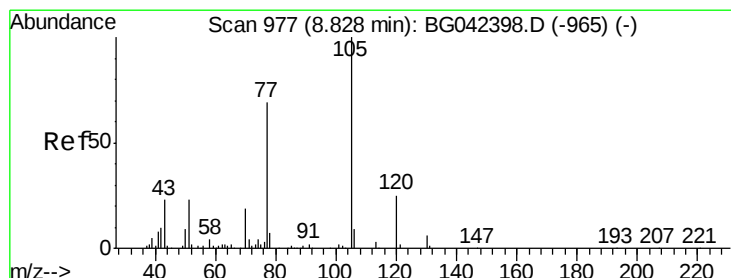
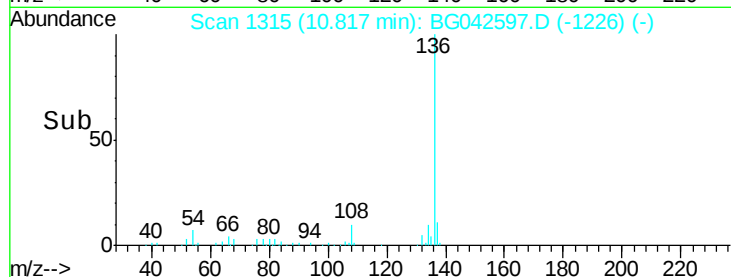
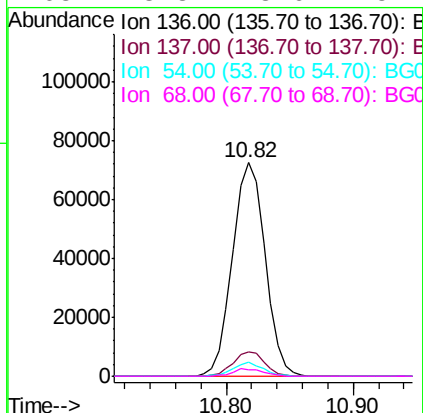
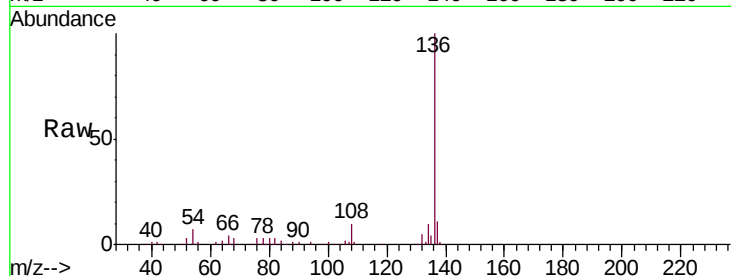




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

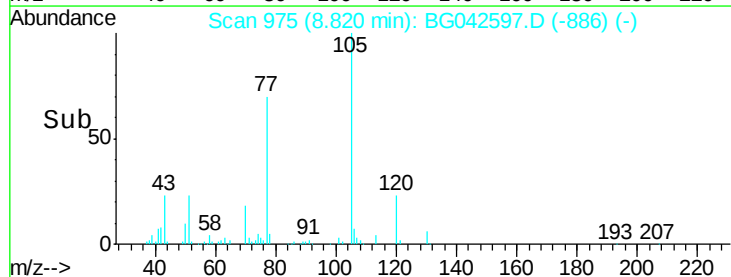
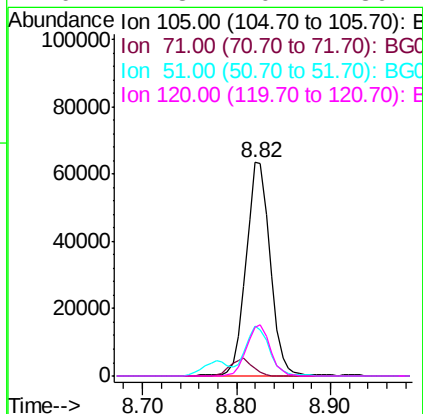
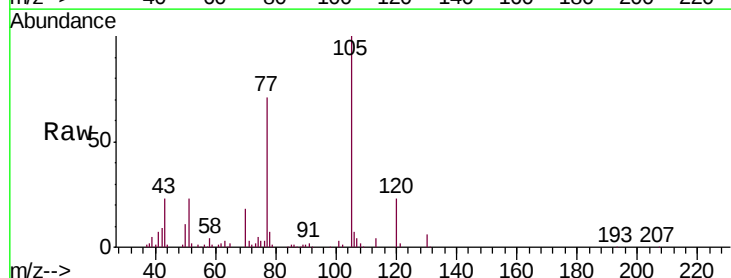
Instrument :
BNA_G
ClientSampleId :
PB122665BS

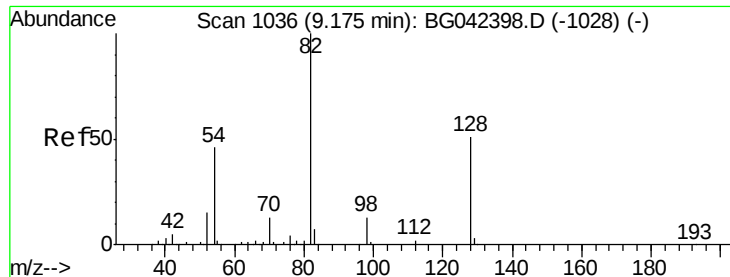
Tgt Ion:	136	Resp:	129385
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.7	4.9	7.3
68	3.3	3.6	5.4#



#22
Acetophenone
Concen: 40.899 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion:	105	Resp:	113182
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.8	4.2
51	23.3	18.7	28.1
120	22.8	20.1	30.1

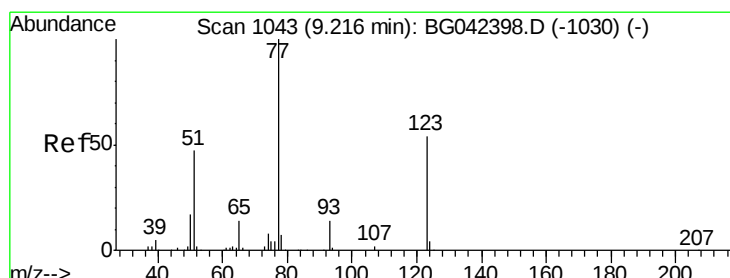
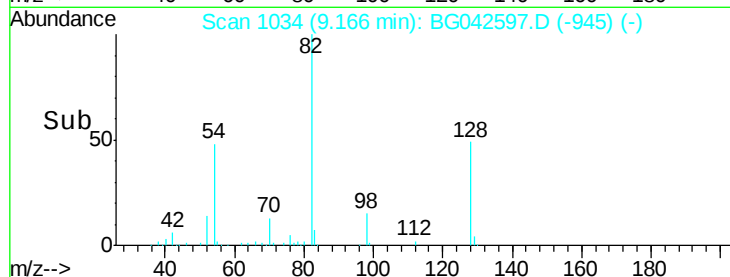
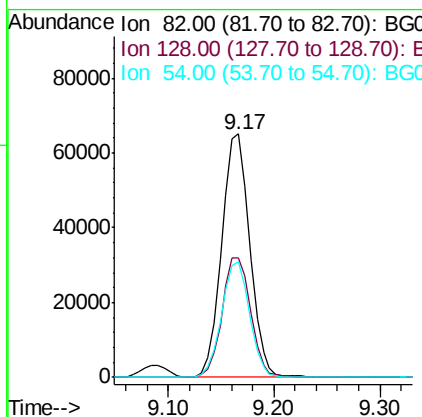
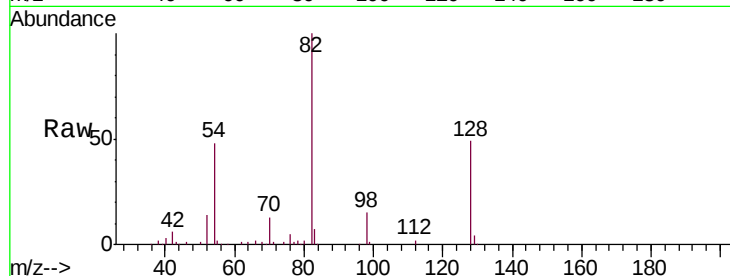




#23
 Nitrobenzene-d5
 Concen: 64.133 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

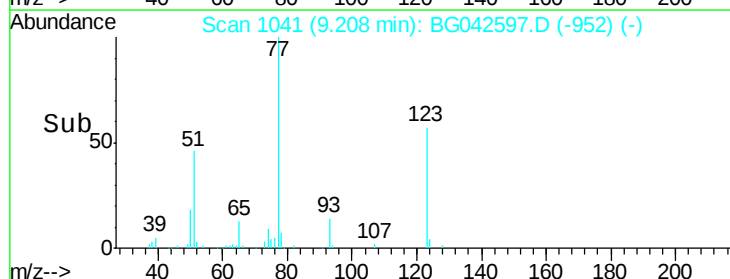
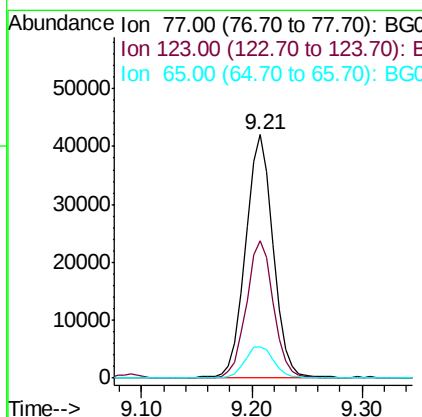
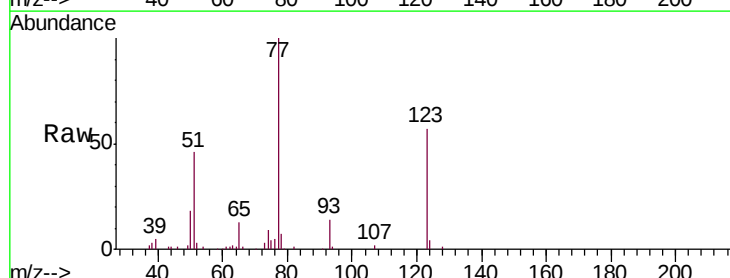
Instrument :
 BNA_G
 ClientSampleId :
 PB122665BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.7	61.1
54	47.6	36.3	54.5



#24
 Nitrobenzene
 Concen: 39.028 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.6	43.4	65.0
65	13.0	11.0	16.6

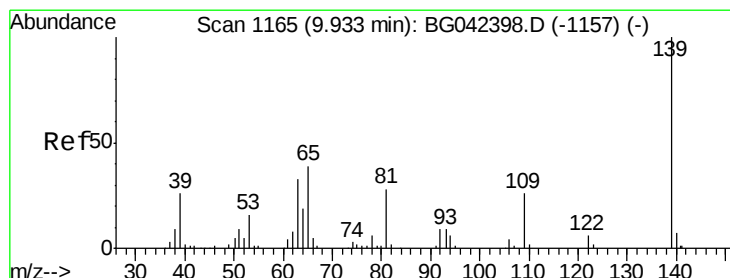
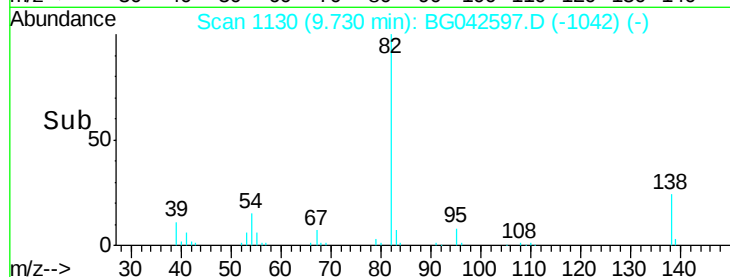
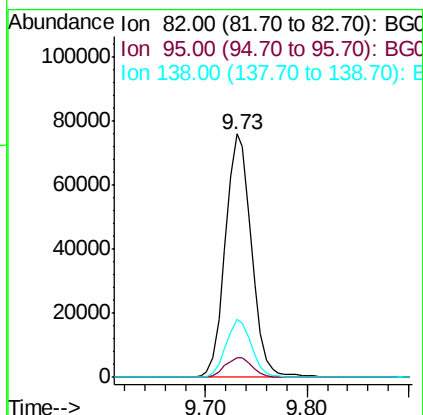
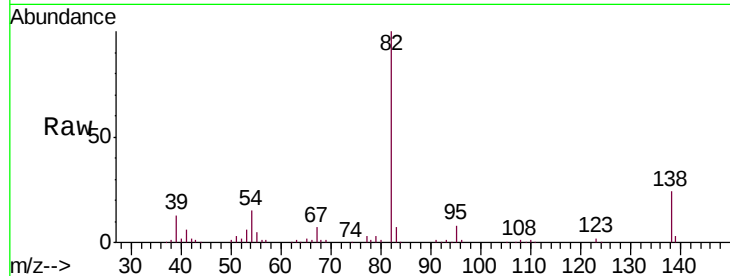




#25
Isophorone
Concen: 36.702 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

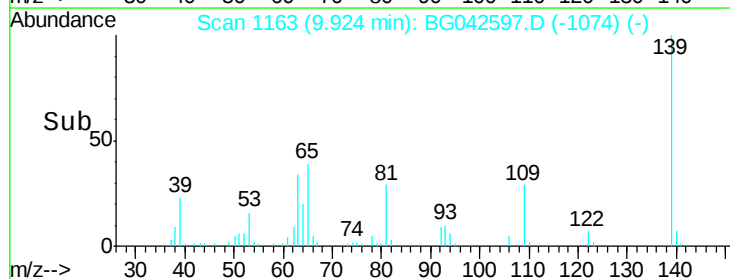
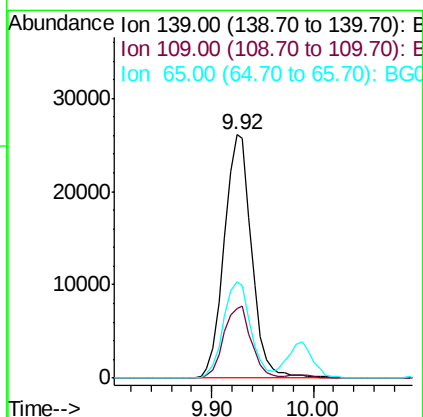
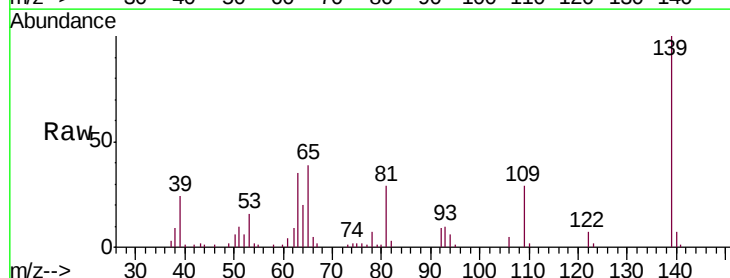
Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion: 82 Resp: 135615
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 23.6 18.6 27.8



#26
2-Nitrophenol
Concen: 41.281 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion: 139 Resp: 49048
Ion Ratio Lower Upper
139 100
109 28.8 20.5 30.7
65 39.4 30.9 46.3

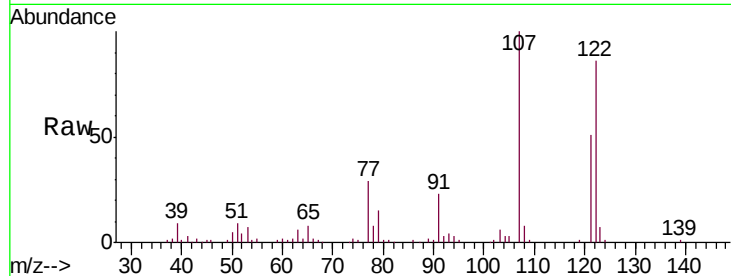




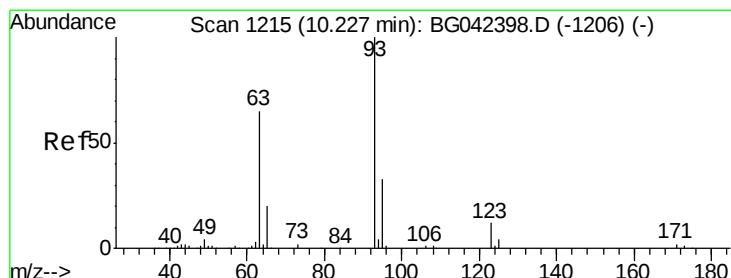
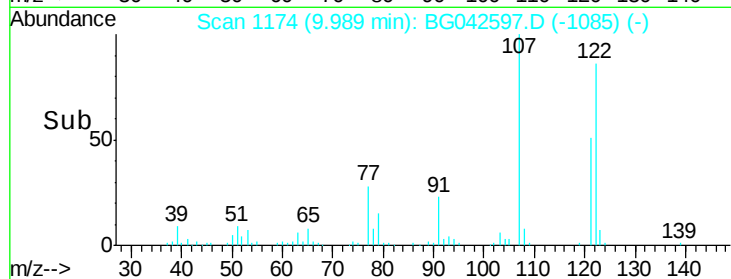
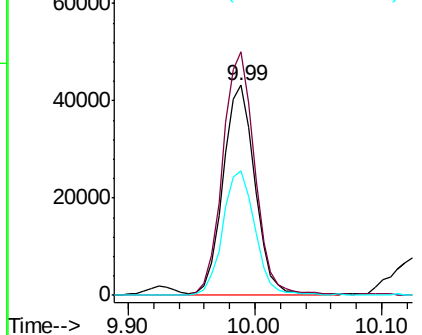
#27
2,4-Dimethylphenol
Concen: 45.417 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion:122 Resp: 74334
Ion Ratio Lower Upper
122 100
107 116.0 90.8 136.2
121 59.2 49.6 74.4

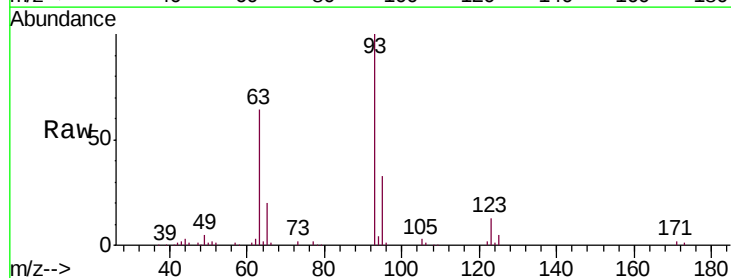


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

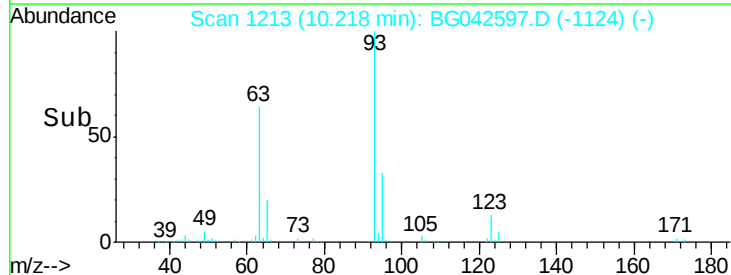
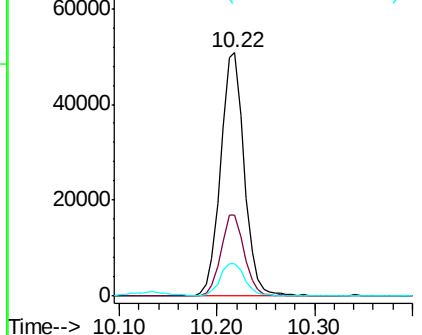


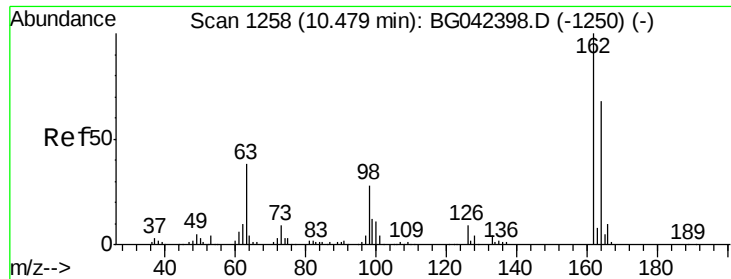
#28
bis(2-Chloroethoxy)methane
Concen: 36.646 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion: 93 Resp: 85346
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 13.3 10.1 15.1



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

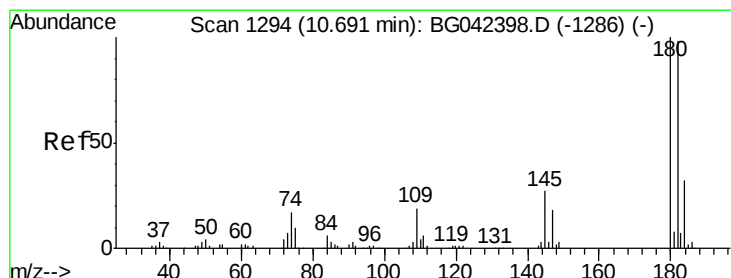
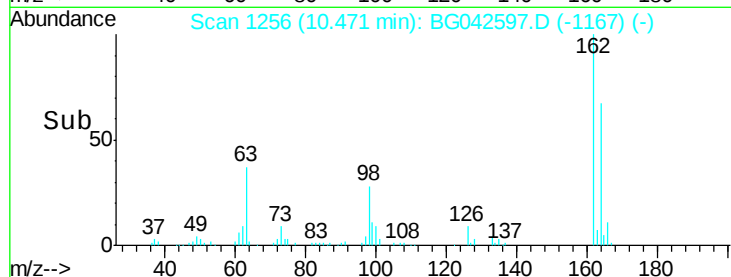
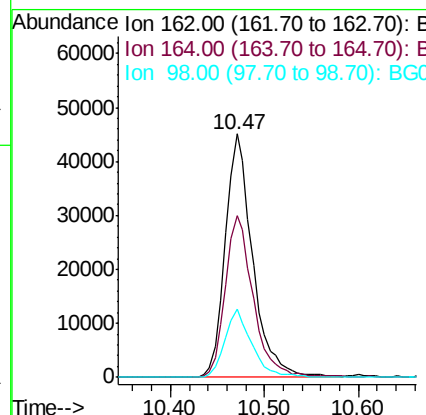
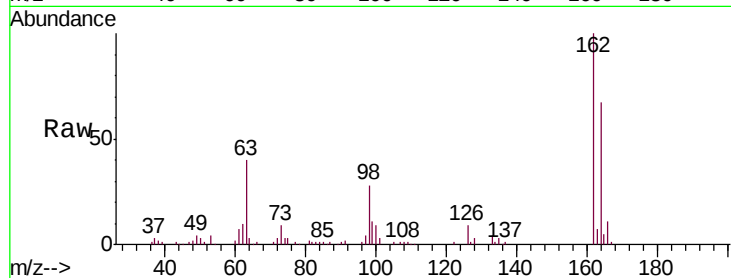




#29
 2,4-Dichlorophenol
 Concen: 42.981 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

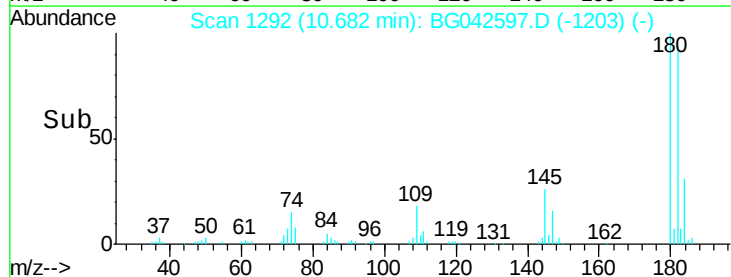
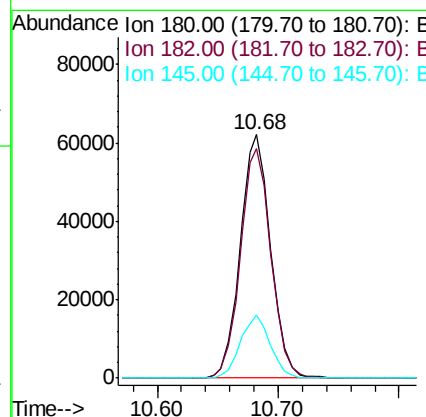
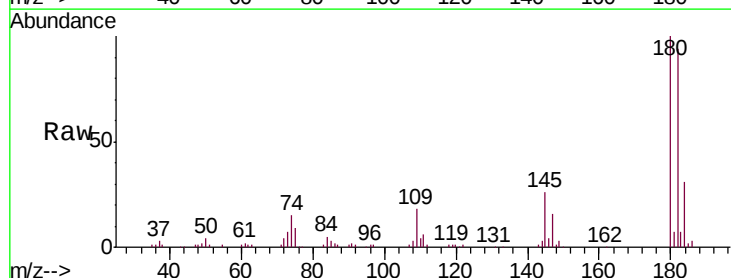
Instrument :
 BNA_G
 ClientSampleId :
 PB122665BS

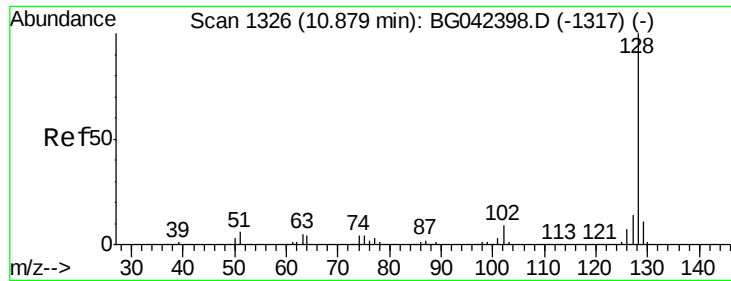
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	48.1	88.1
98	27.9	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.169 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.7	118.1
145	26.1	21.6	32.4

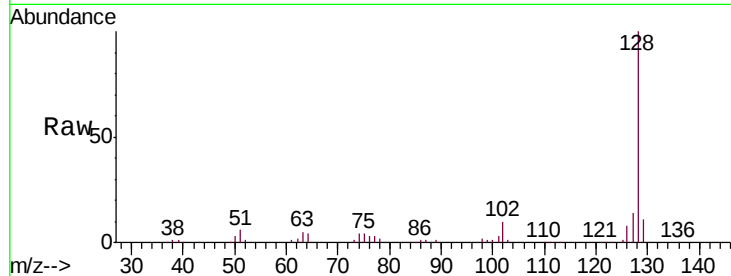




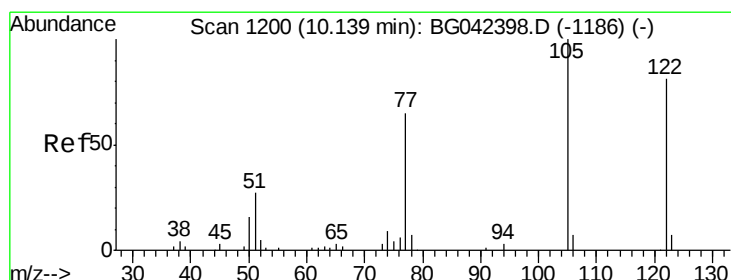
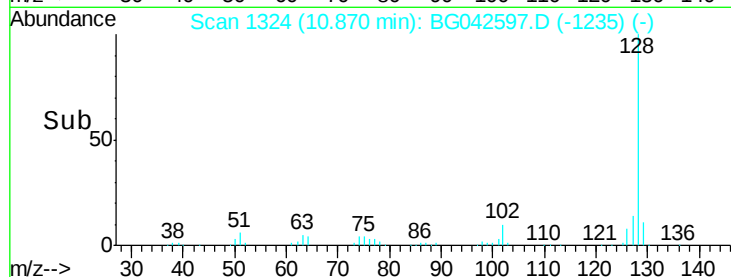
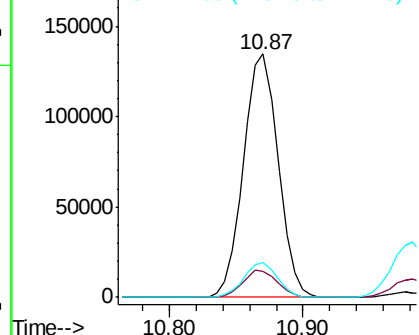
#31
Naphthalene
Concen: 40.256 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion:128 Resp: 241816
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 14.3 11.4 17.0

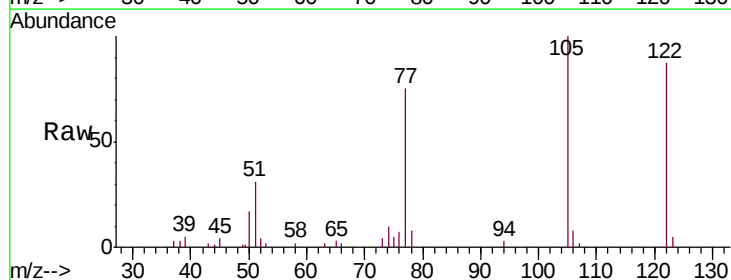


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

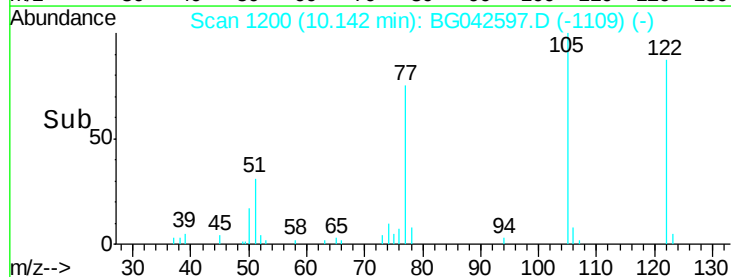
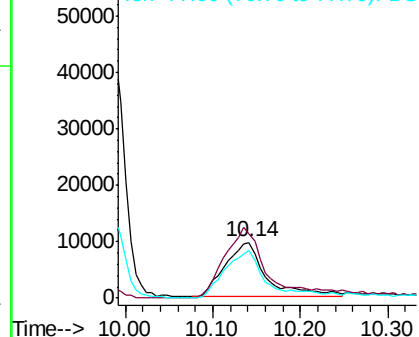


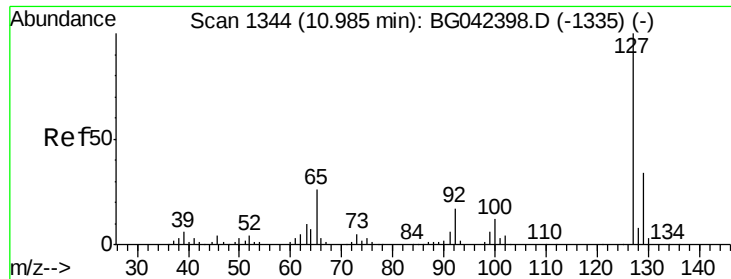
#32
Benzoic acid
Concen: 30.017 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion:122 Resp: 31274
Ion Ratio Lower Upper
122 100
105 115.2 99.6 139.6
77 86.3 59.5 99.5



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

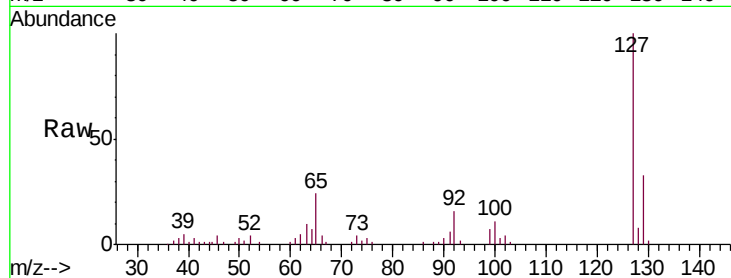




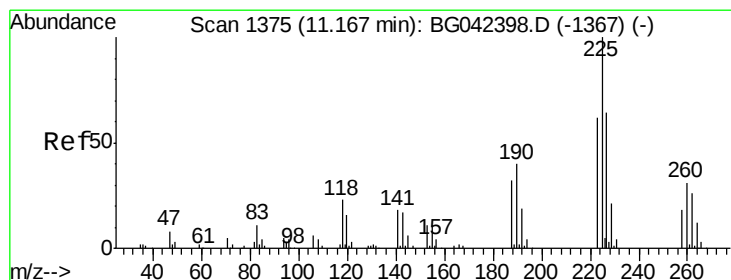
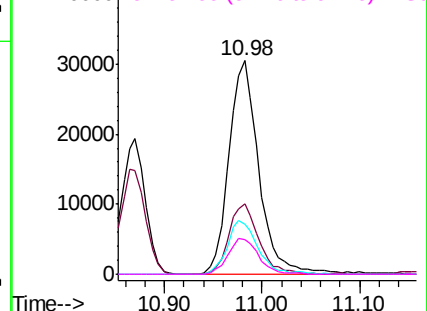
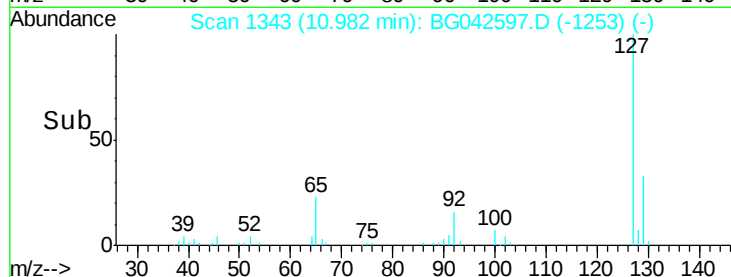
#33
4-Chloroaniline
Concen: 23.390 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion:	127	Resp:	64862
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.8	40.2
65	23.6	20.7	31.1
92	16.2	13.6	20.4

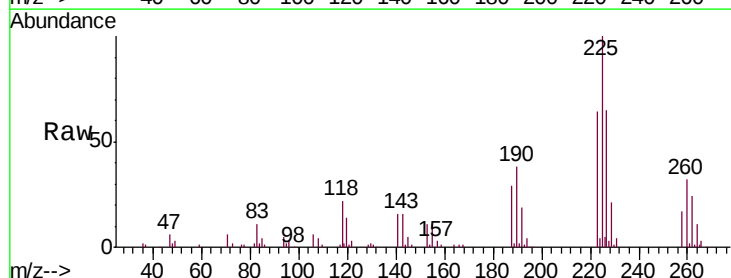


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

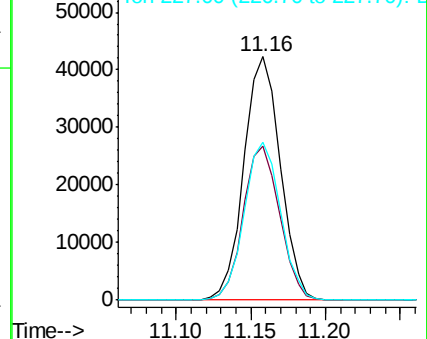
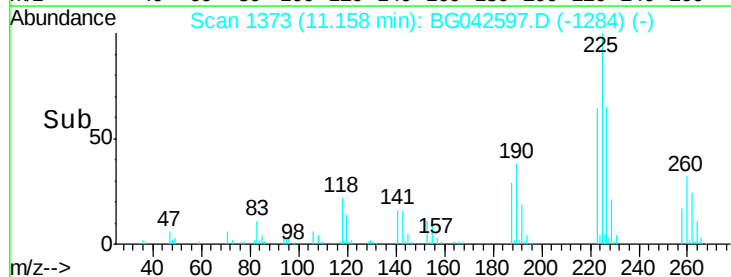


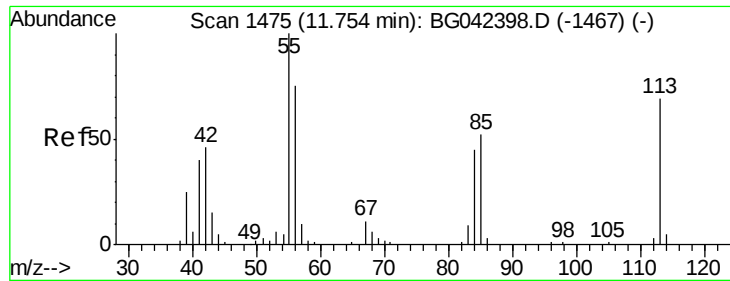
#34
Hexachlorobutadiene
Concen: 40.535 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion:	225	Resp:	71602
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.8	74.6
227	64.8	50.9	76.3



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





#35

Caprolactam

Concen: 21.701 ng

RT: 11.75 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

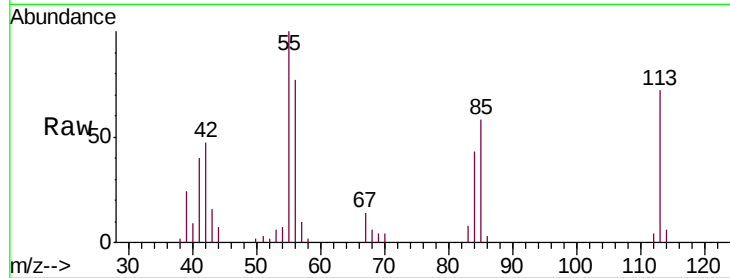
Tgt Ion:113 Resp: 15506

Ion Ratio Lower Upper

113 100

55 138.0 124.6 164.6

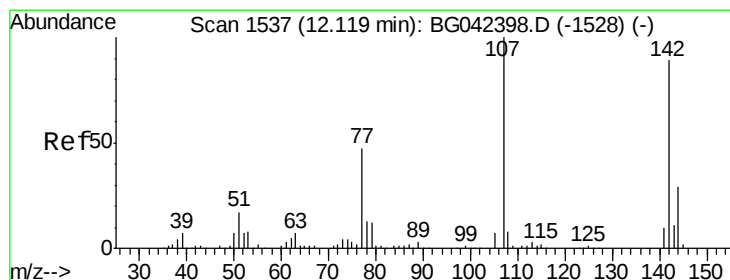
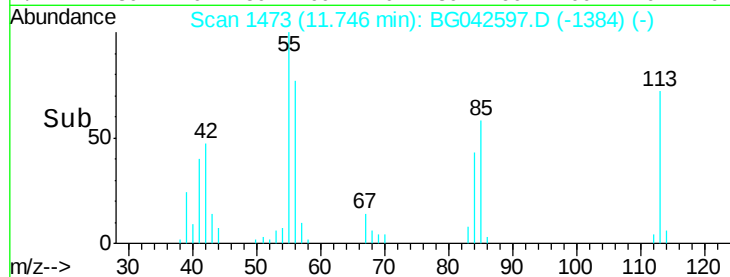
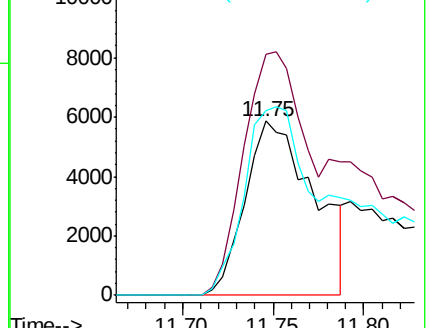
56 106.3 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.035 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

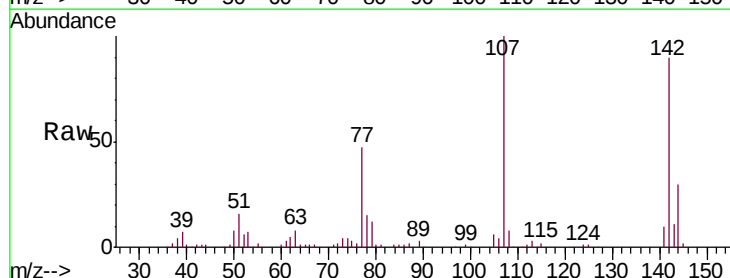
Tgt Ion:107 Resp: 81382

Ion Ratio Lower Upper

107 100

144 30.1 23.6 35.4

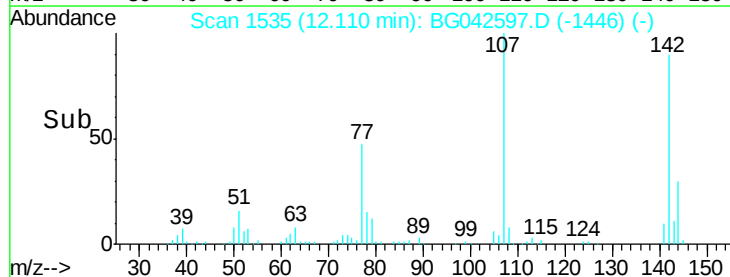
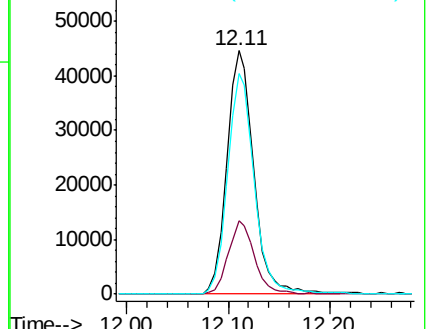
142 90.3 71.0 106.4

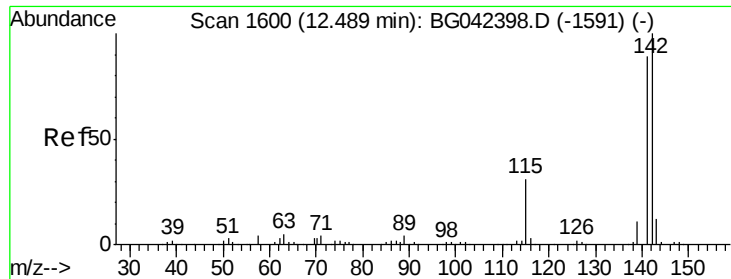


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

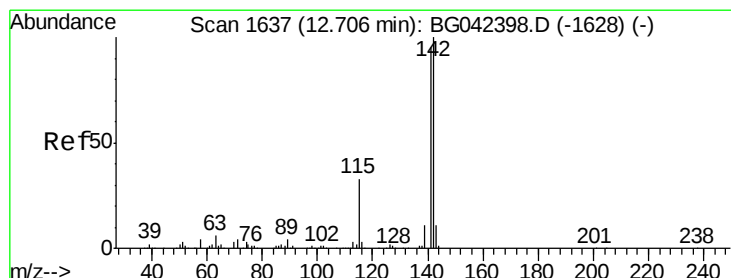
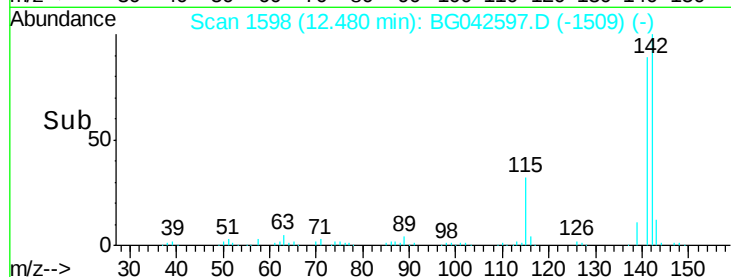
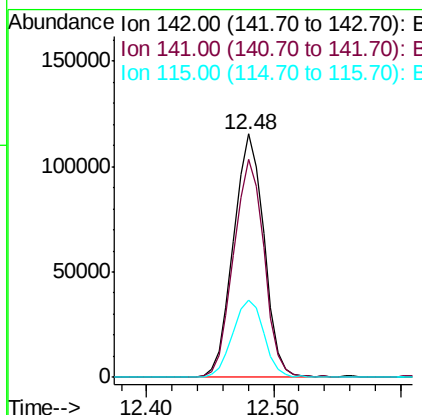
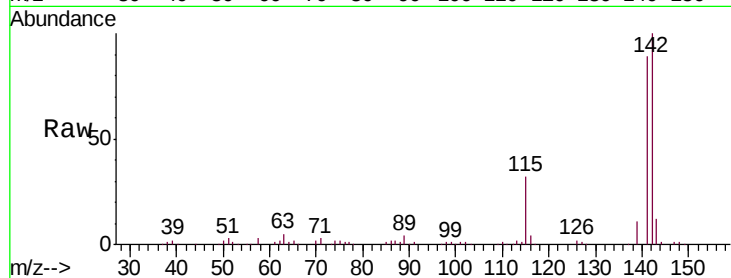




#37
2-Methylnaphthalene
Concen: 40.013 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

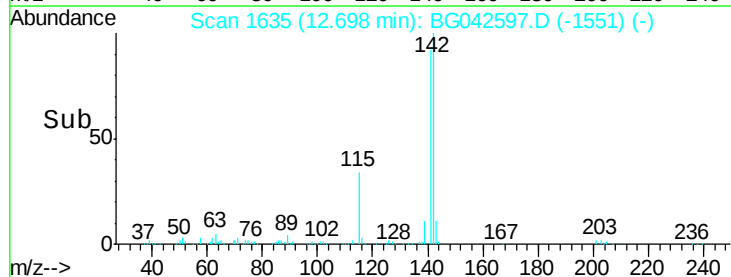
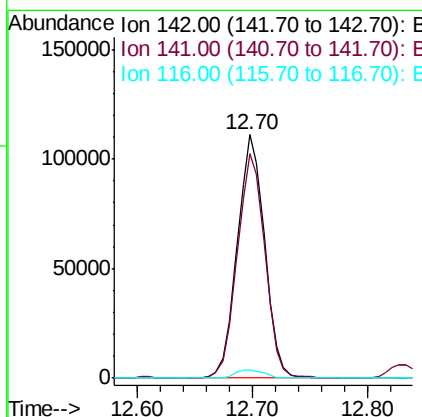
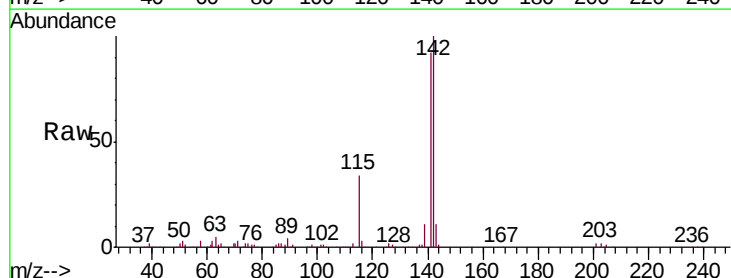
Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	31.7	25.2	37.8



#38
1-Methylnaphthalene
Concen: 39.587 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	76.2	114.2
116	3.2	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

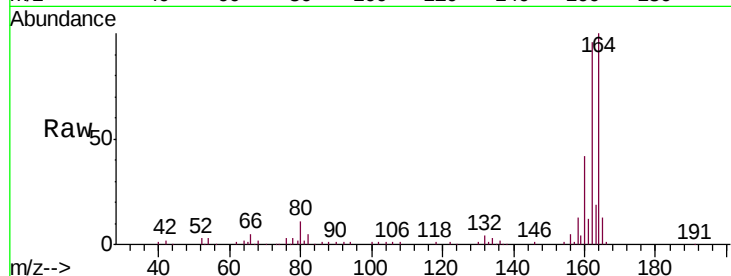
Tgt Ion:164 Resp: 95566

Ion Ratio Lower Upper

164 100

162 95.8 79.9 119.9

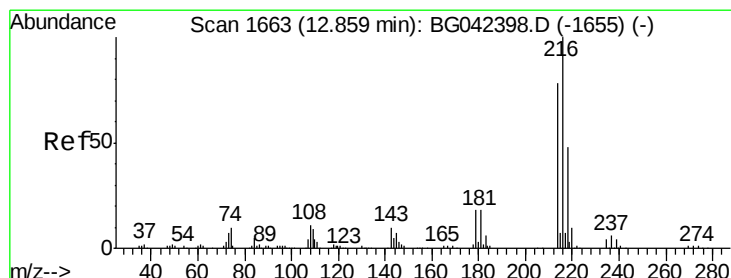
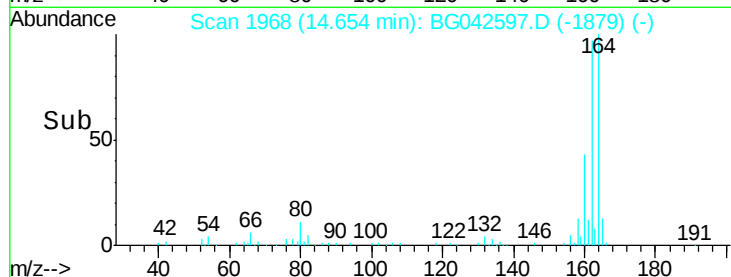
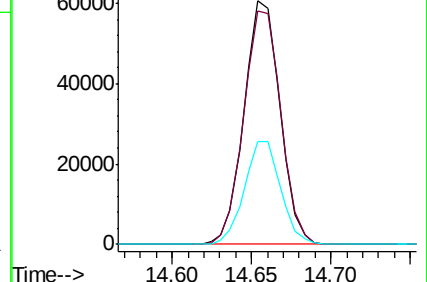
160 42.2 34.3 51.5



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: 44.219 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Tgt Ion:216 Resp: 135707

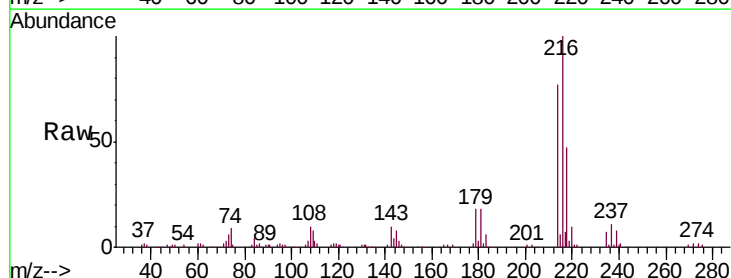
Ion Ratio Lower Upper

216 100

214 76.4 61.4 92.2

179 18.0 15.1 22.7

108 11.9 9.4 14.0

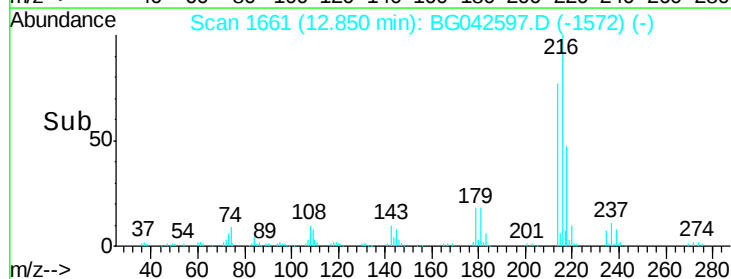
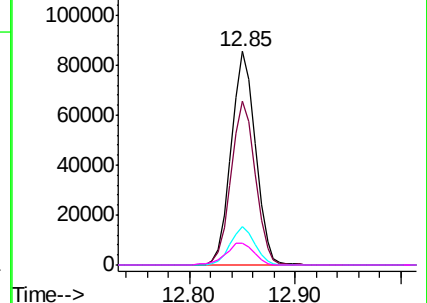


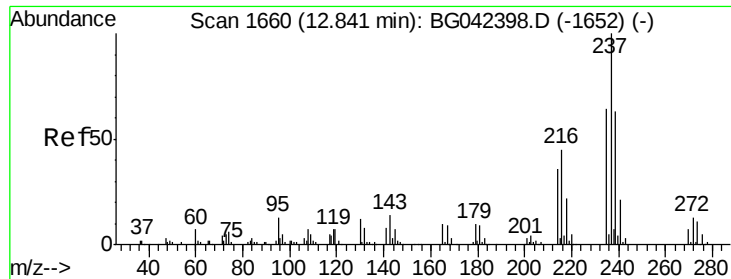
Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.935 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

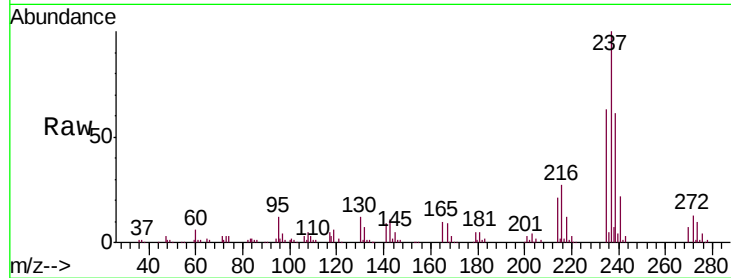
Tgt Ion: 237 Resp: 114353

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

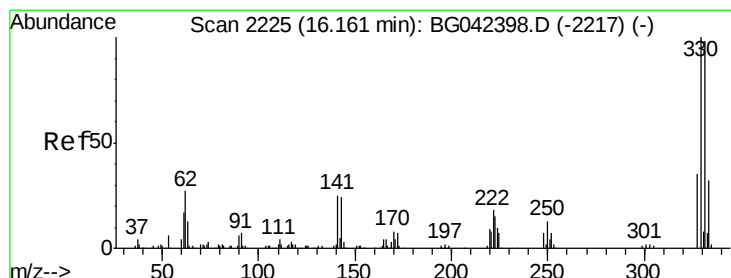
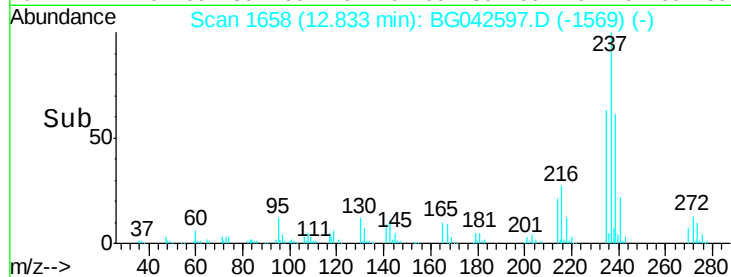
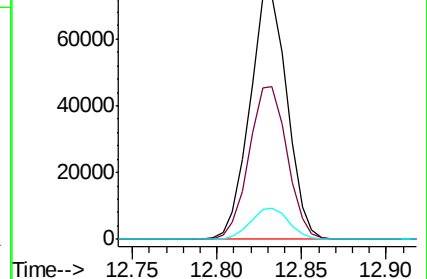
272 12.9 0.0 33.3



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: 109.269 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

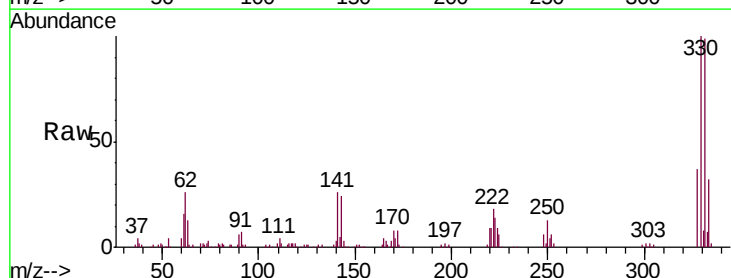
Tgt Ion: 330 Resp: 148422

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

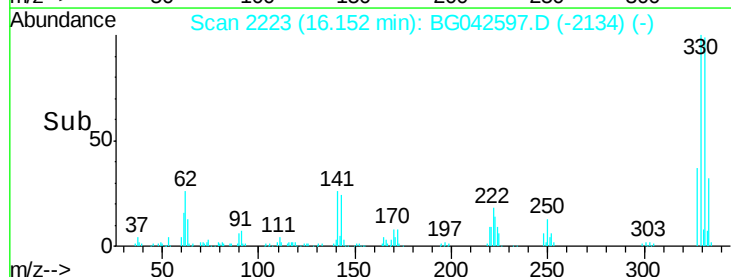
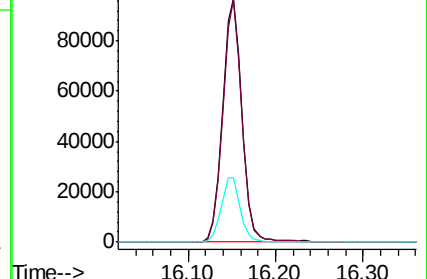
141 26.1 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

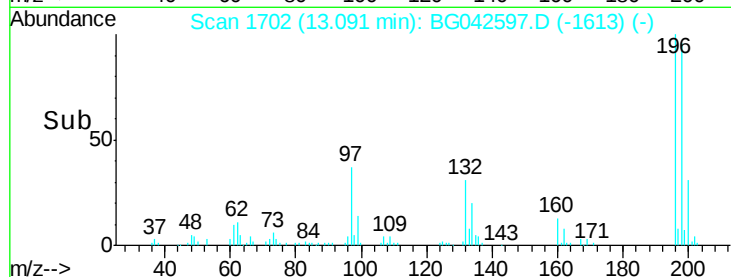
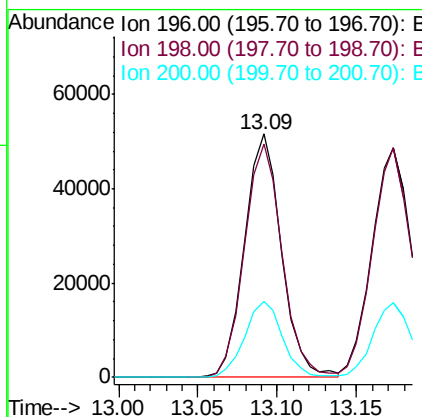
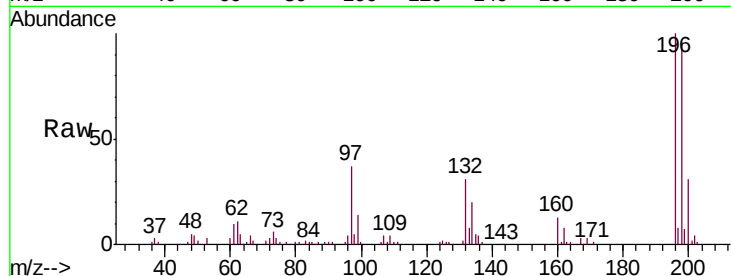




#43
 2,4,6-Trichlorophenol
 Concen: 40.344 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

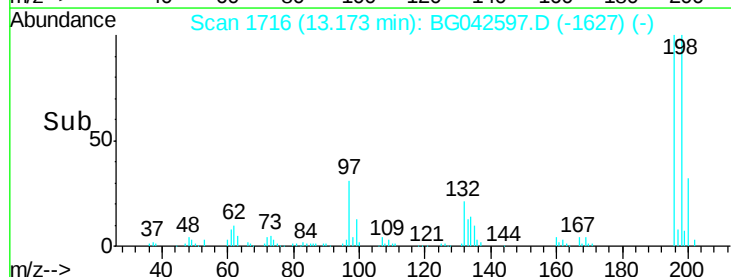
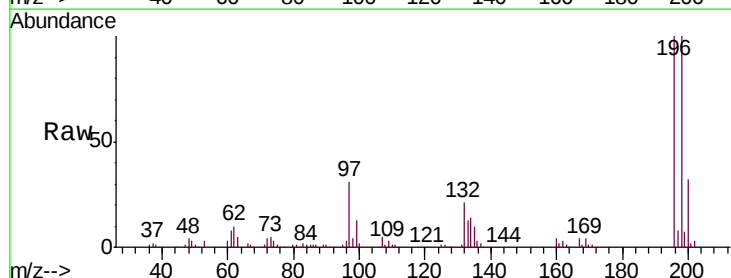
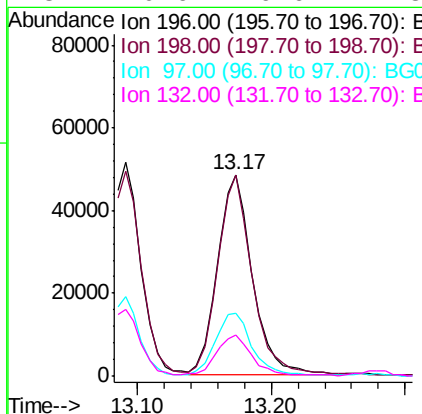
Instrument :
 BNA_G
 ClientSampleId :
 PB122665BS

Tgt Ion:196 Resp: 83690
 Ion Ratio Lower Upper
 196 100
 198 95.9 80.7 121.1
 200 31.0 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.233 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

Tgt Ion:196 Resp: 88638
 Ion Ratio Lower Upper
 196 100
 198 99.9 80.2 120.4
 97 31.2 26.3 39.5
 132 20.6 16.6 24.8

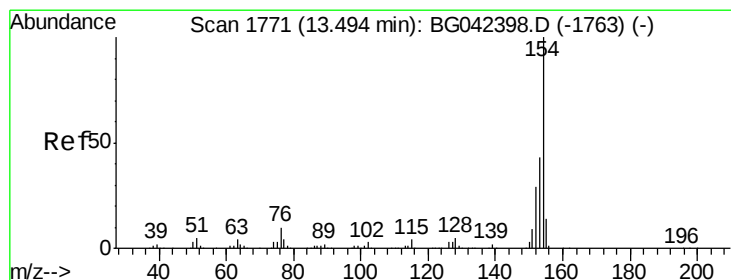
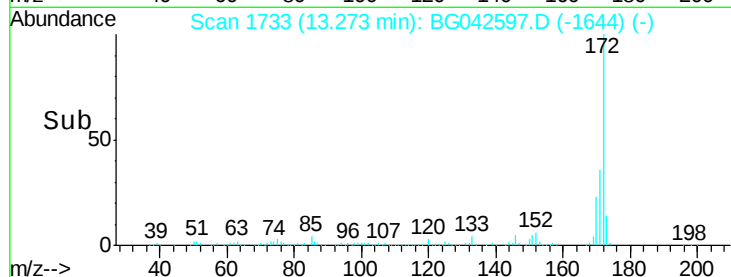
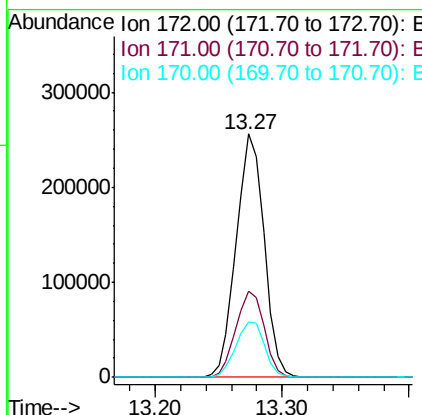
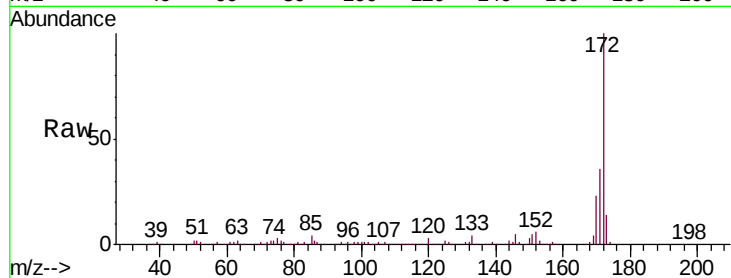




#45
2-Fluorobiphenyl
Concen: 68.938 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

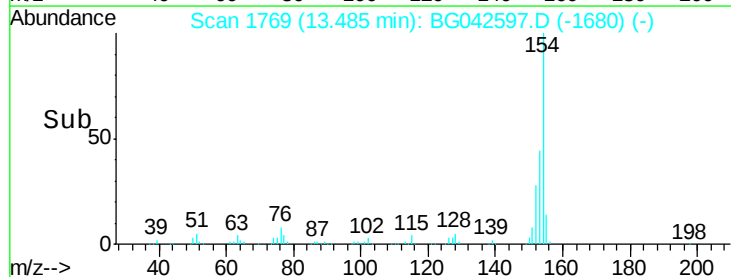
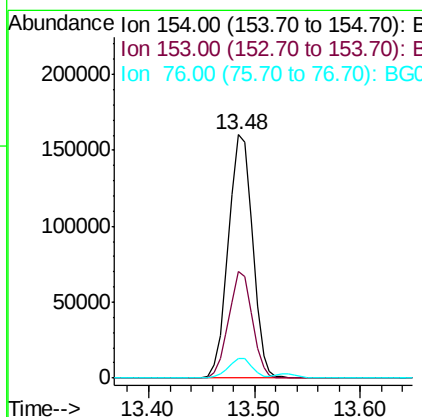
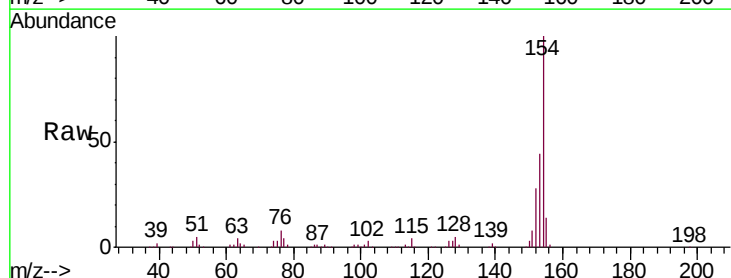
Instrument :
BNA_G
ClientSampleId :
PB122665BS

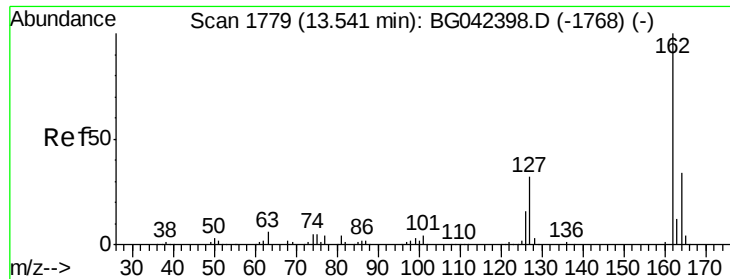
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.5	45.7
170	22.7	20.2	30.2



#46
1,1'-Biphenyl
Concen: 41.040 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	23.0	63.0
76	8.0	0.0	29.6

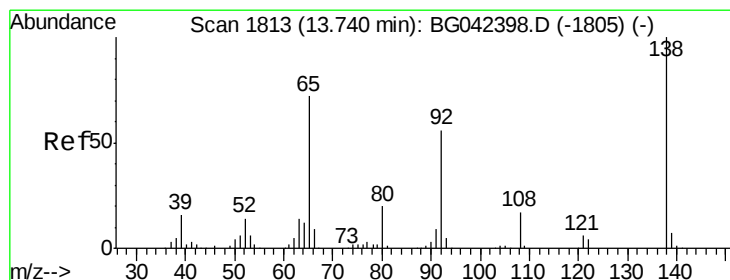
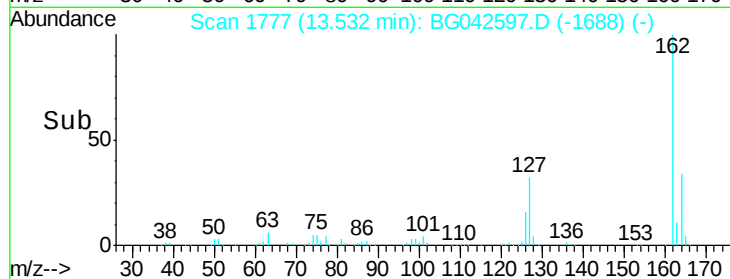
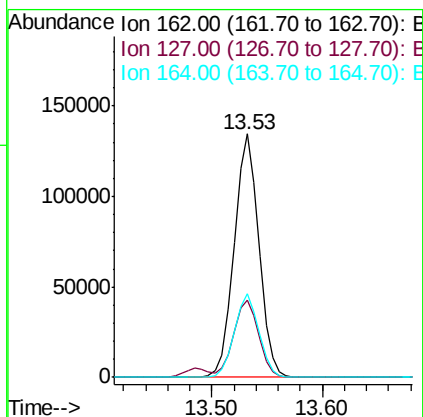
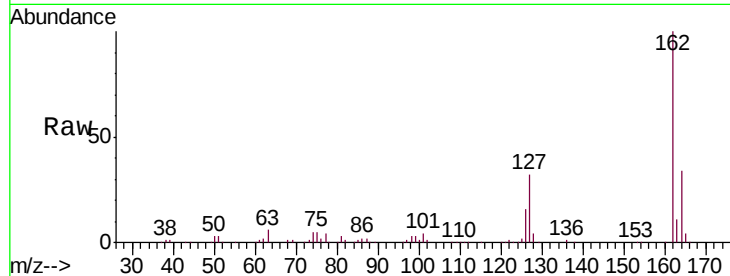




#47
 2-Chloronaphthalene
 Concen: 39.612 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

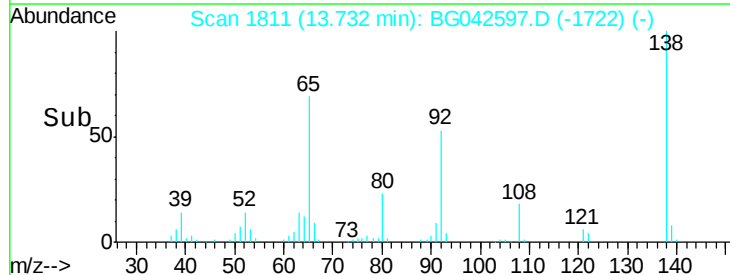
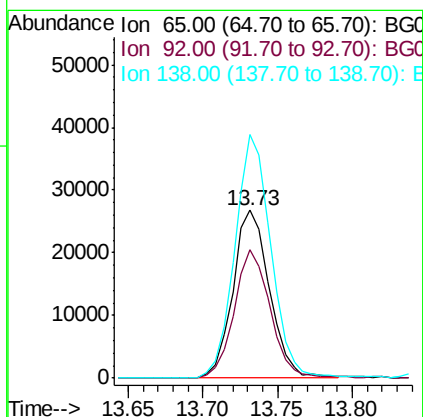
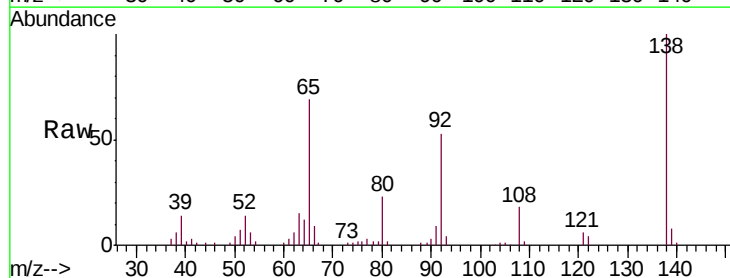
Instrument :
 BNA_G
 ClientSampleId :
 PB122665BS

Tgt Ion: 162 Resp: 210998
 Ion Ratio Lower Upper
 162 100
 127 31.8 26.0 39.0
 164 34.4 27.4 41.0



#48
 2-Nitroaniline
 Concen: 35.604 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

Tgt Ion: 65 Resp: 45733
 Ion Ratio Lower Upper
 65 100
 92 76.5 61.8 92.6
 138 145.1 111.0 166.6





#49

Acenaphthylene

Concen: 41.023 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

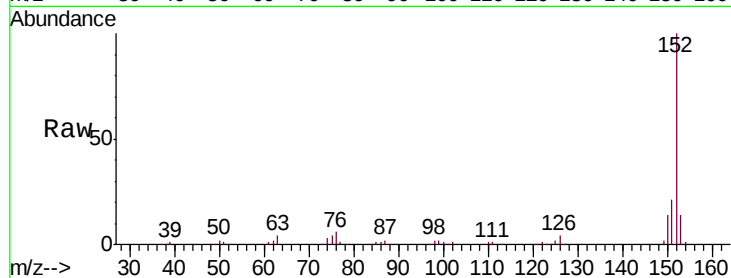
Tgt Ion:152 Resp: 328744

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

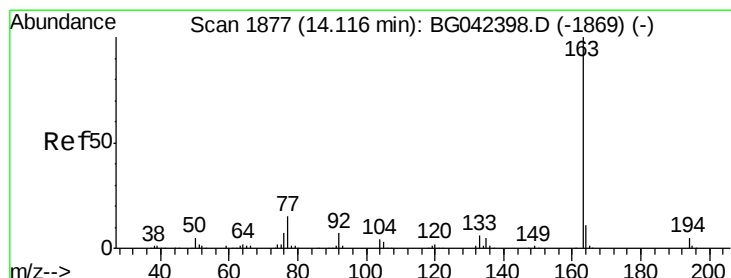
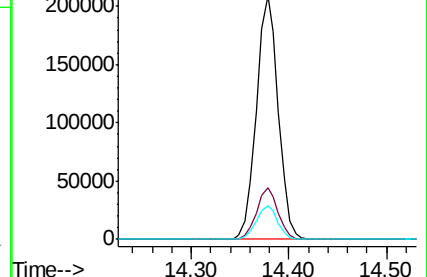
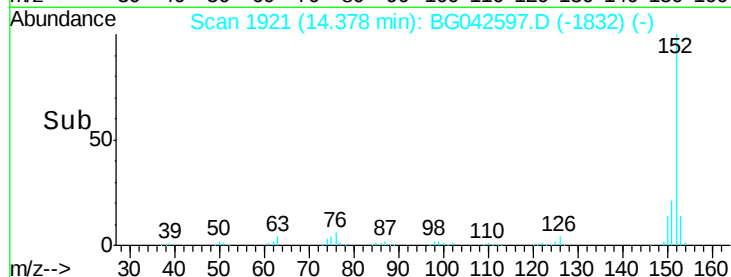
153 13.7 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.912 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

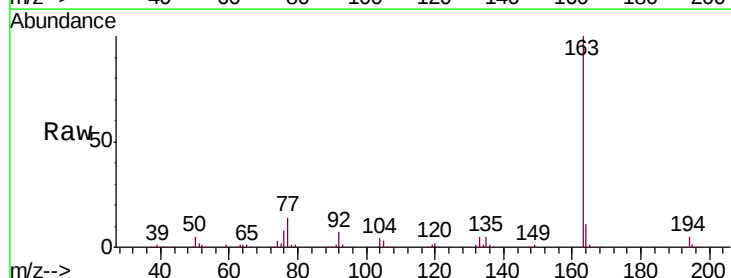
Tgt Ion:163 Resp: 261417

Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

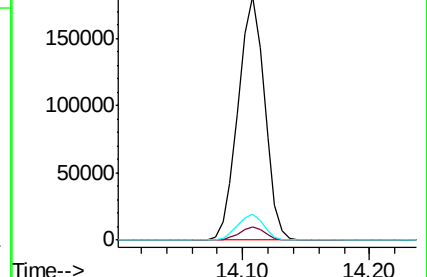
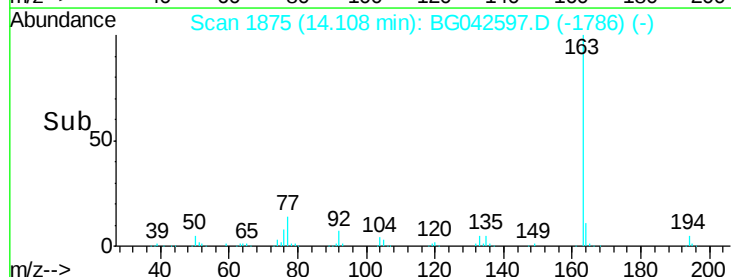
164 10.8 8.8 13.2

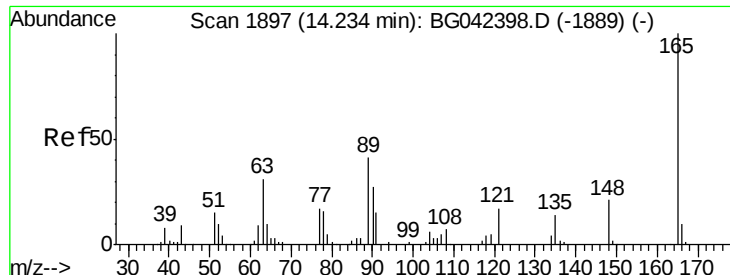


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

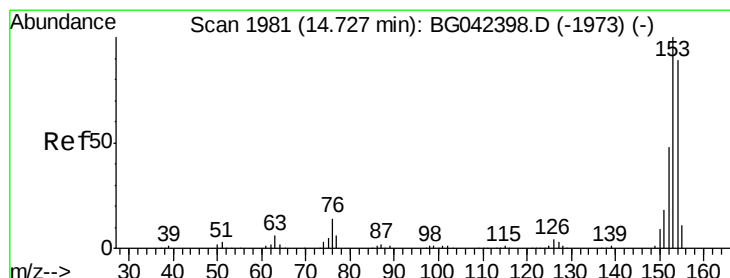
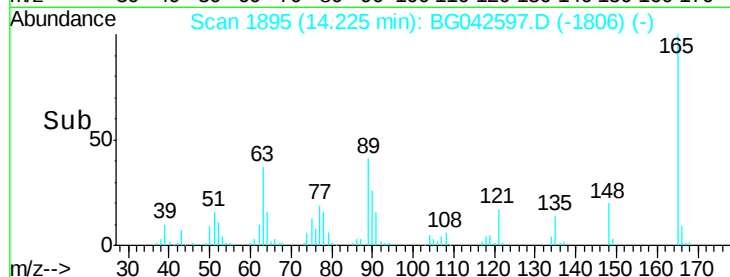
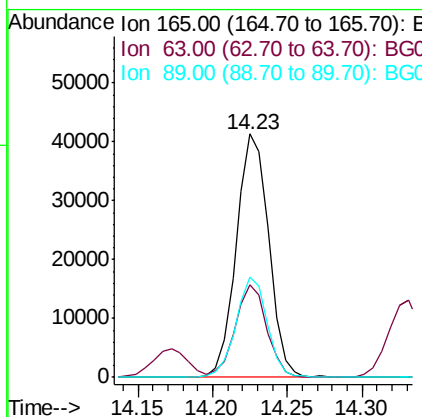
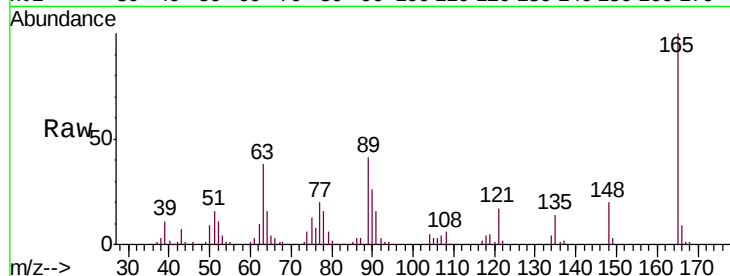




#51
 2,6-Dinitrotoluene
 Concen: 38.966 ng
 RT: 14.23 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

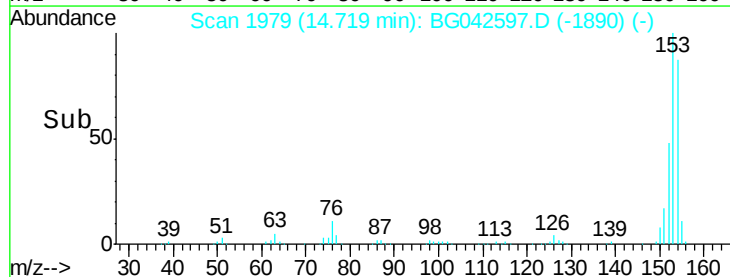
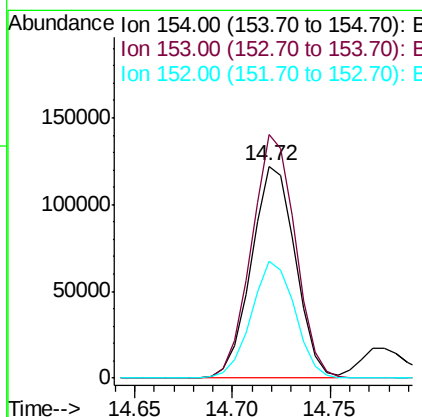
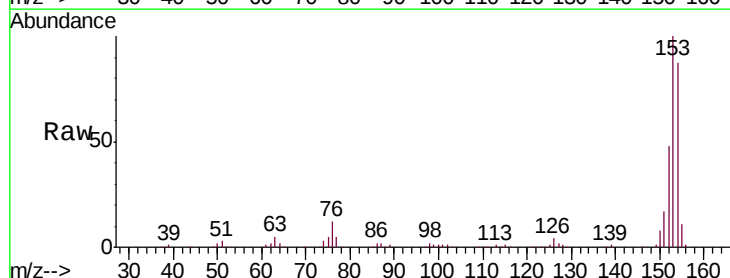
Instrument :
 BNA_G
 ClientSampleId :
 PB122665BS

Tgt Ion:165 Resp: 62280
 Ion Ratio Lower Upper
 165 100
 63 37.9 30.6 45.8
 89 41.0 32.6 49.0



#52
 Acenaphthene
 Concen: 39.285 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

Tgt Ion:154 Resp: 191164
 Ion Ratio Lower Upper
 154 100
 153 114.9 90.2 135.4
 152 54.9 43.2 64.8

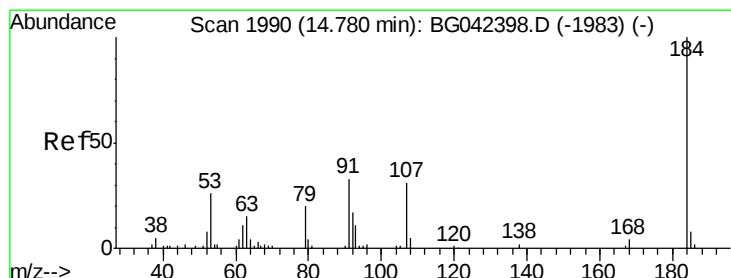
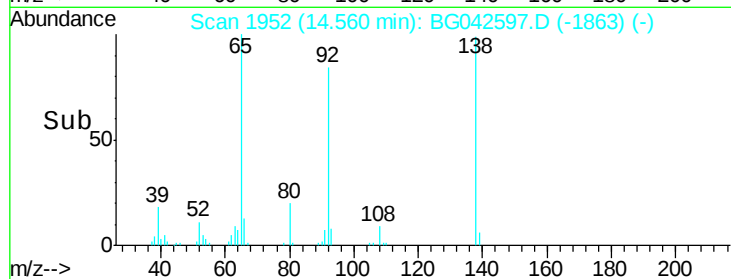
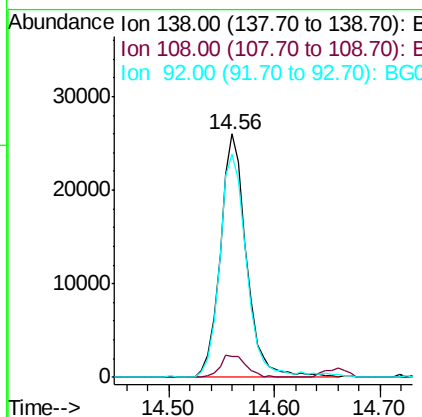
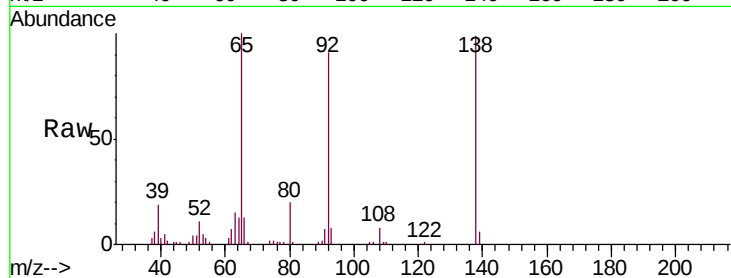




#53
3-Nitroaniline
Concen: 27.810 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

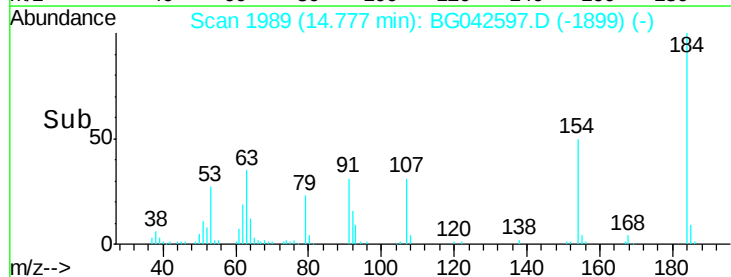
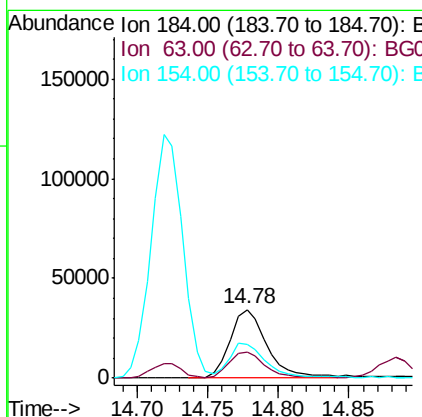
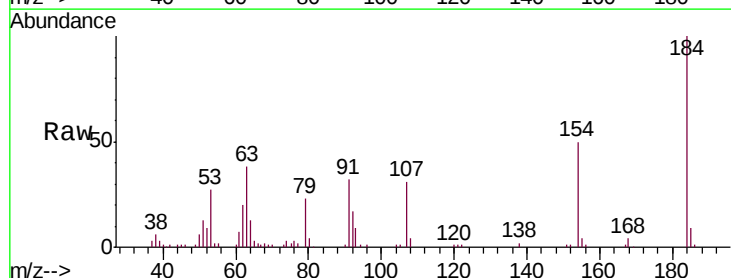
Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion:138 Resp: 44453
Ion Ratio Lower Upper
138 100
108 8.5 8.3 12.5
92 91.4 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 60.082 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion:184 Resp: 62911
Ion Ratio Lower Upper
184 100
63 37.9 31.7 47.5
154 50.1 42.0 63.0





#55

Dibenzofuran

Concen: 40.912 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

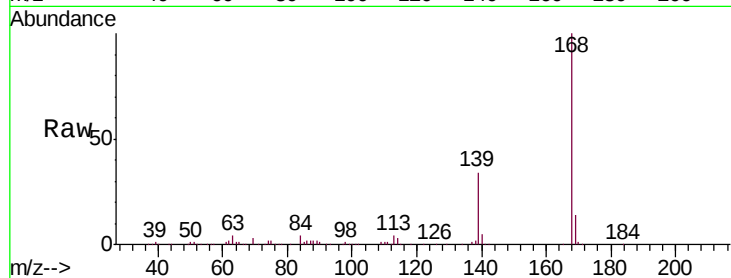
Tgt Ion:168 Resp: 329531

Ion Ratio Lower Upper

168 100

139 34.2 27.2 40.8

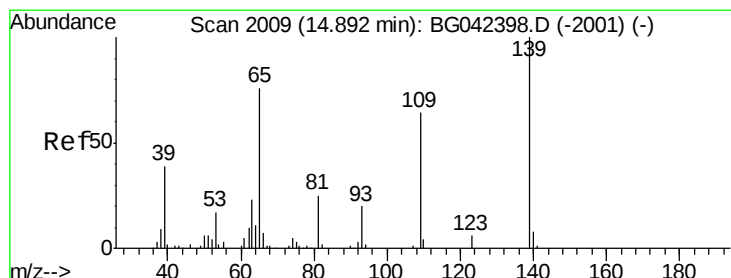
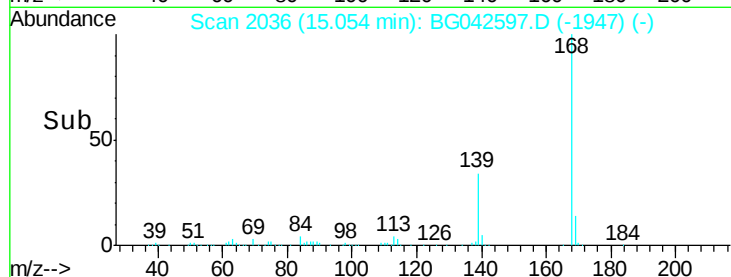
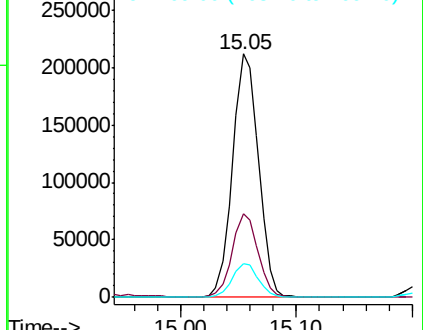
169 13.7 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 76.601 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

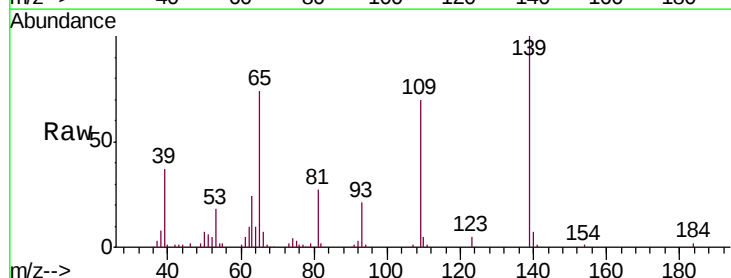
Tgt Ion:139 Resp: 87006

Ion Ratio Lower Upper

139 100

109 70.4 43.9 83.9

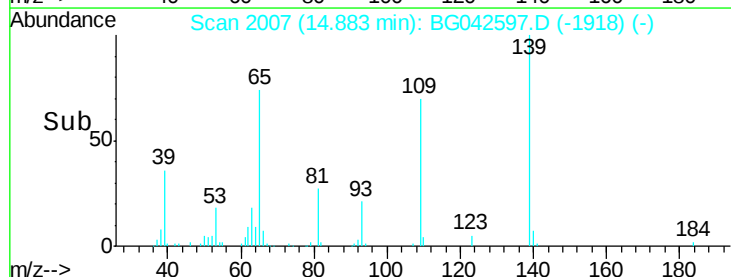
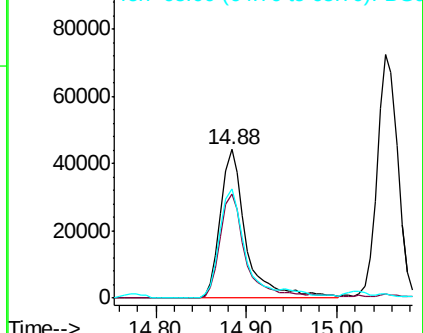
65 73.9 56.3 96.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

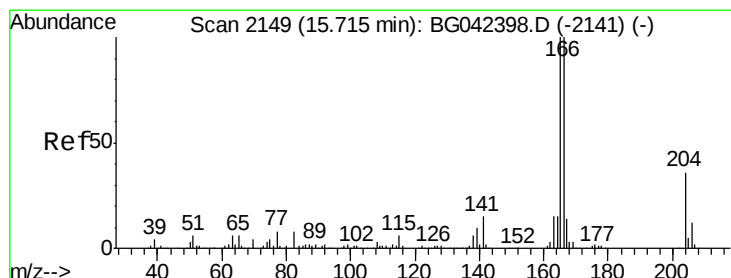
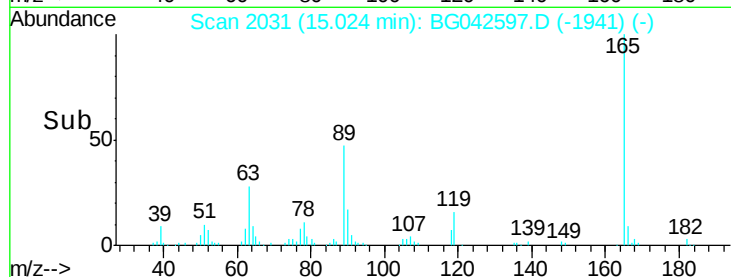
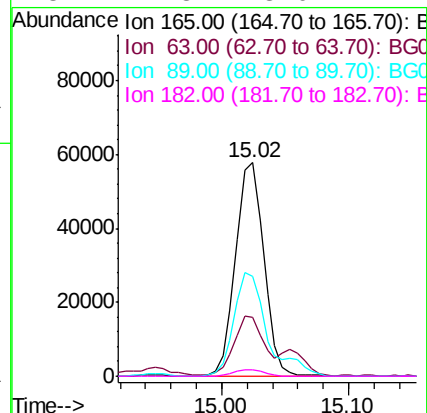
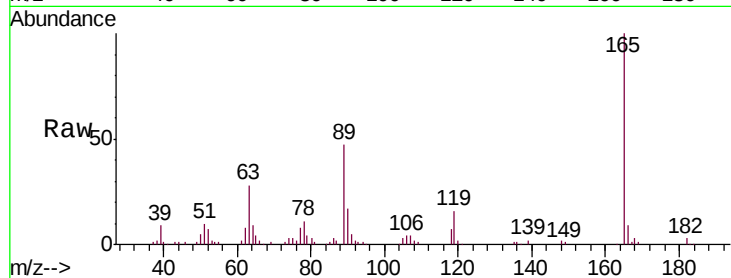




#57
 2,4-Dinitrotoluene
 Concen: 39.013 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

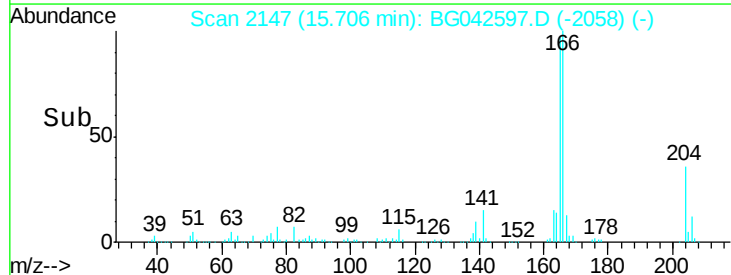
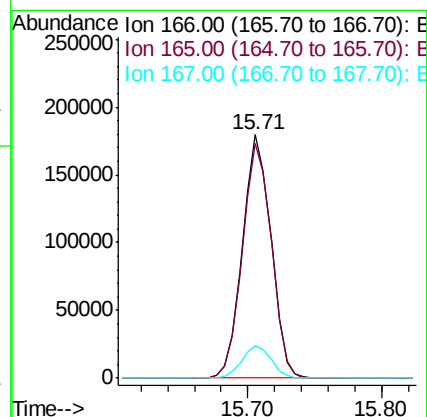
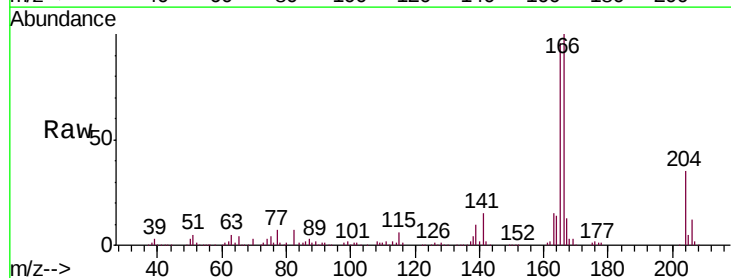
Instrument :
 BNA_G
 ClientSampleId :
 PB122665BS

Tgt Ion:	165	Resp:	89290
Ion	Ratio	Lower	Upper
165	100		
63	27.5	22.5	33.7
89	46.6	37.8	56.6
182	2.8	3.0	4.4#



#58
 Fluorene
 Concen: 40.287 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

Tgt Ion:	166	Resp:	265258
Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.7	119.5
167	13.4	10.9	16.3

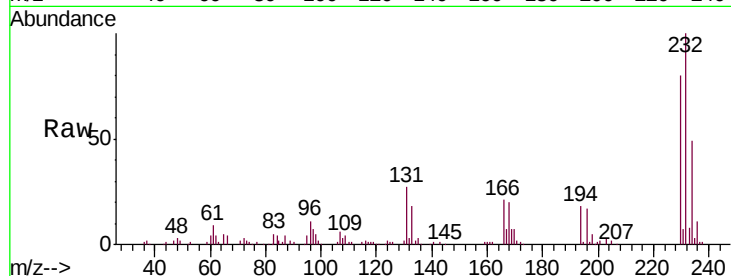




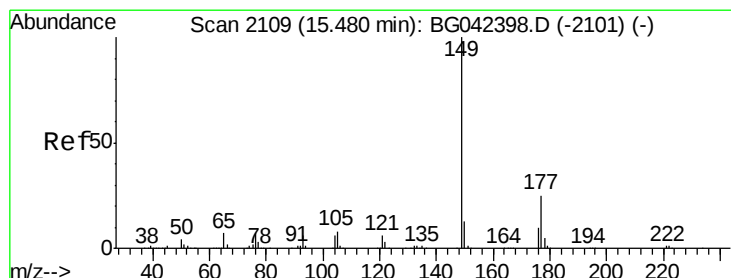
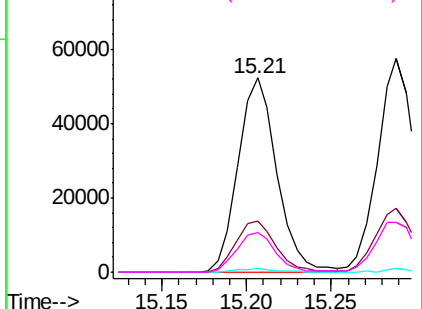
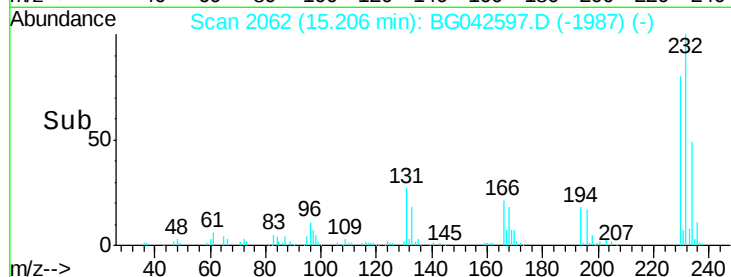
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.424 ng
RT: 15.21 min Scan# 2062
Delta R.T. -0.09 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion: 232 Resp: 83811
Ion Ratio Lower Upper
232 100
131 27.4 22.9 34.3
130 1.7 1.4 2.0
166 20.6 17.0 25.4

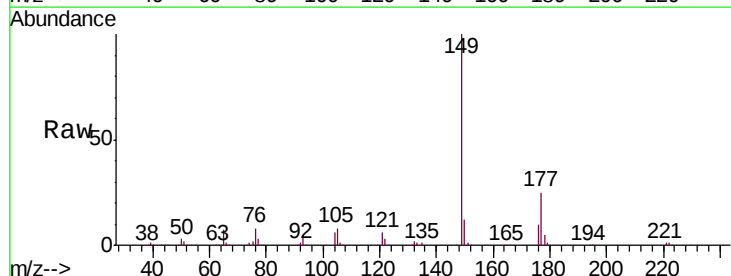


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

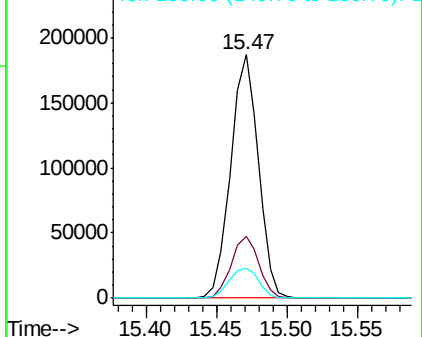
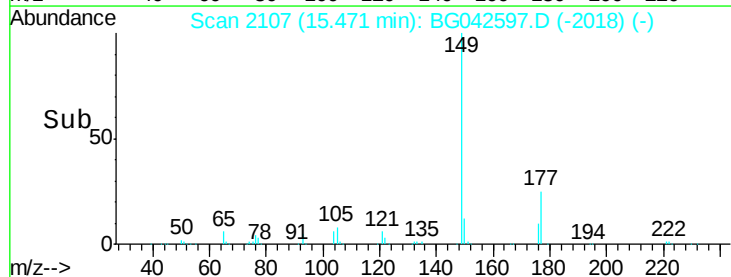


#60
Diethylphthalate
Concen: 37.742 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion: 149 Resp: 254407
Ion Ratio Lower Upper
149 100
177 25.3 20.4 30.6
150 12.3 10.3 15.5



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

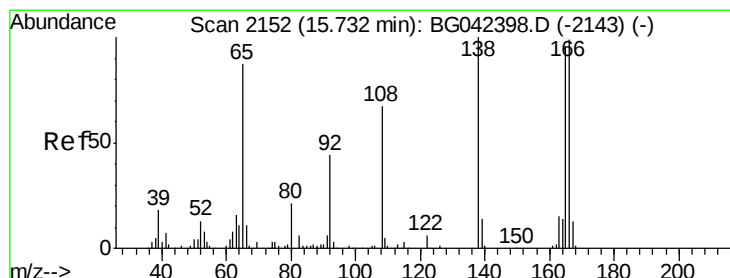
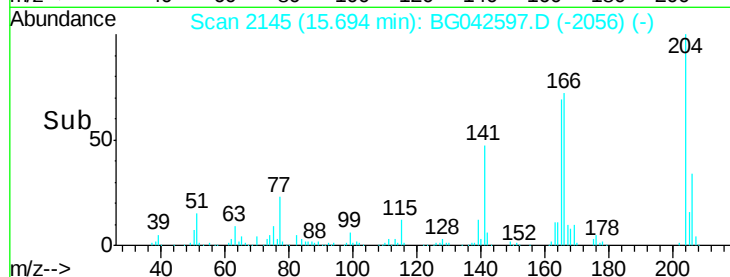
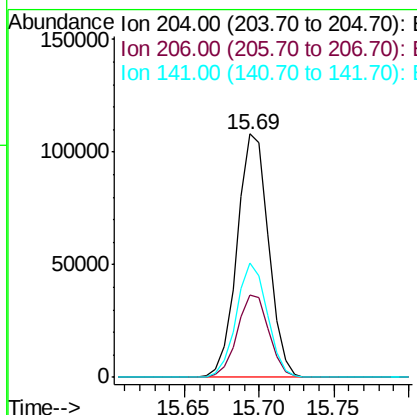
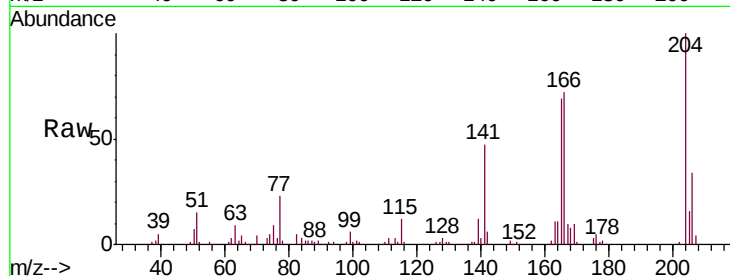




#61
 4-Chlorophenyl-phenylether
 Concen: 39.874 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

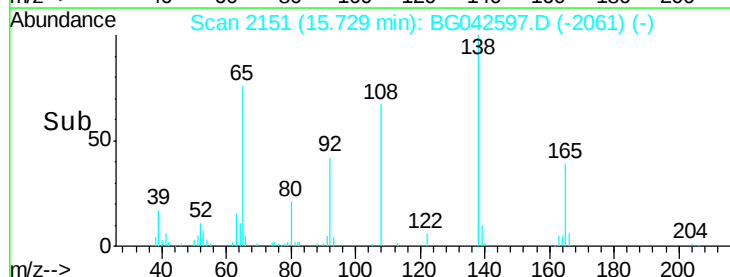
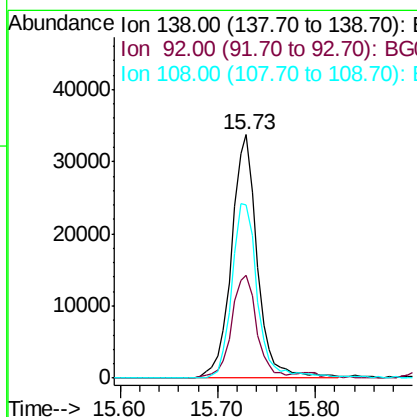
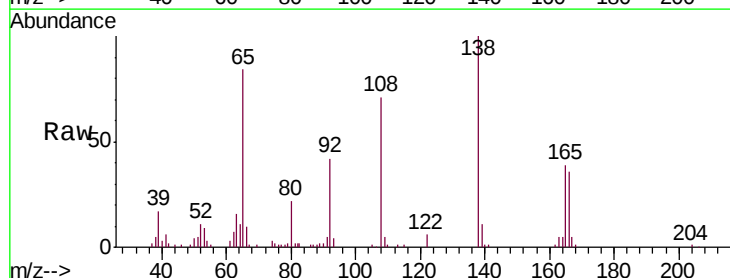
Instrument :
 BNA_G
 ClientSampleId :
 PB122665BS

Tgt Ion:204 Resp: 158264
 Ion Ratio Lower Upper
 204 100
 206 34.1 27.2 40.8
 141 46.8 38.7 58.1



#62
 4-Nitroaniline
 Concen: 36.329 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

Tgt Ion:138 Resp: 62150
 Ion Ratio Lower Upper
 138 100
 92 42.0 24.2 64.2
 108 71.2 46.8 86.8

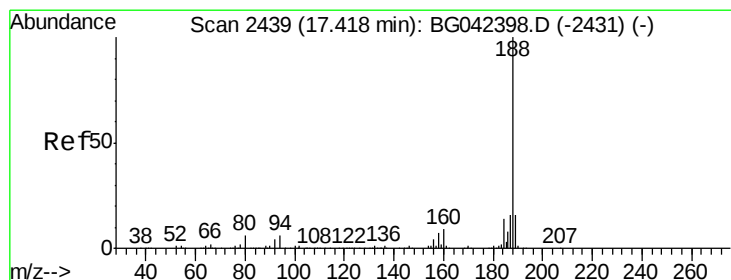
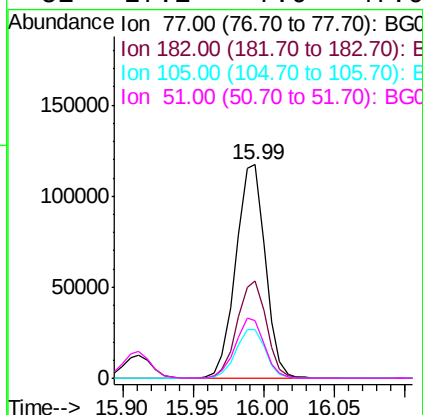
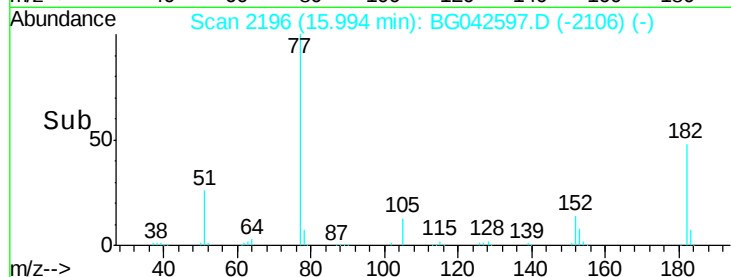
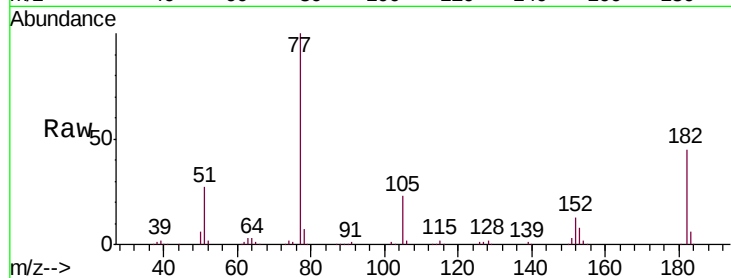




#63
Azobenzene
Concen: 36.704 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

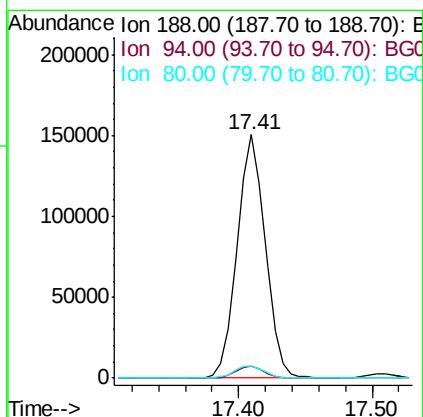
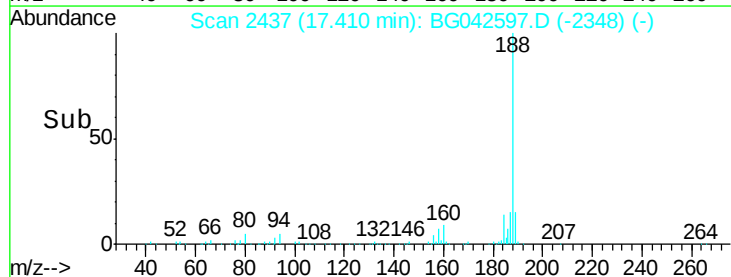
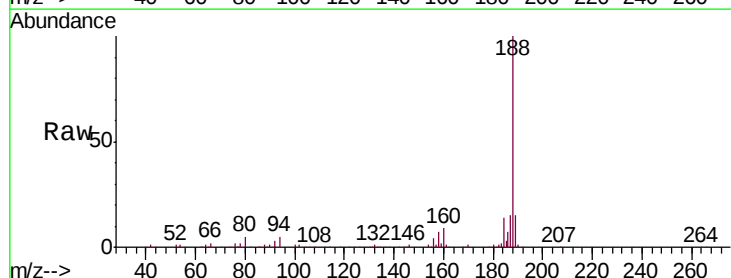
Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion: 77 Resp: 169531
Ion Ratio Lower Upper
77 100
182 45.4 19.9 59.9
105 22.7 2.9 42.9
51 27.1 7.6 47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion: 188 Resp: 219474
Ion Ratio Lower Upper
188 100
94 5.0 4.5 6.7
80 4.8 4.9 7.3#





#65

4,6-Dinitro-2-methylphenol

Concen: 40.817 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

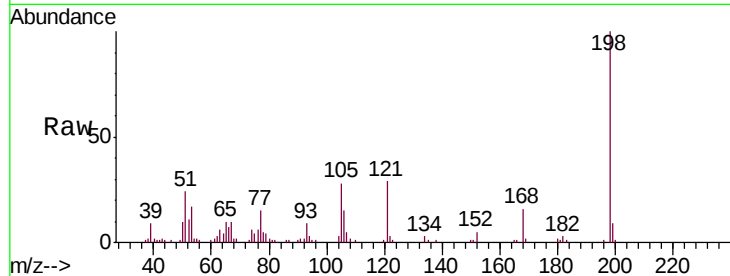
Tgt Ion:198 Resp: 56164

Ion Ratio Lower Upper

198 100

51 24.1 4.2 44.2

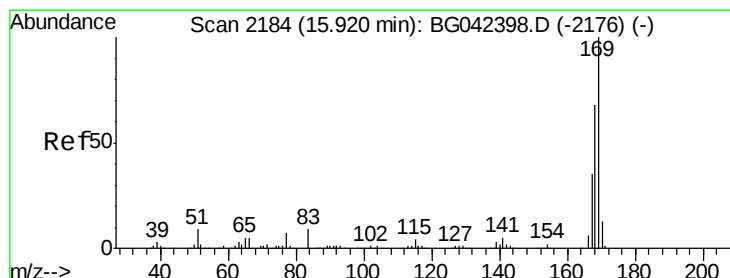
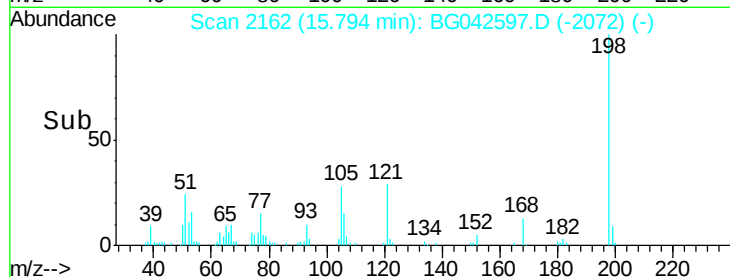
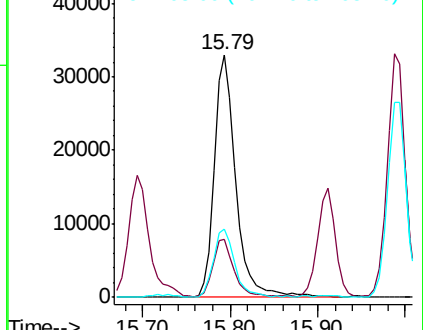
105 28.2 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.168 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

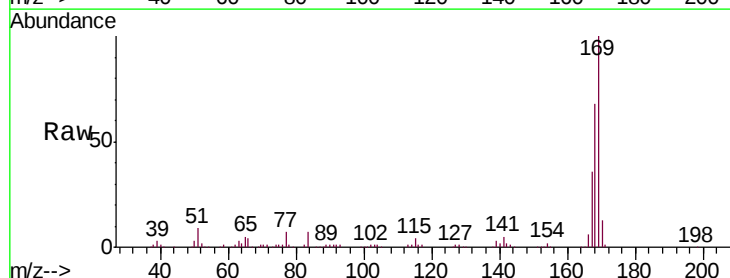
Tgt Ion:169 Resp: 242442

Ion Ratio Lower Upper

169 100

168 68.1 54.3 81.5

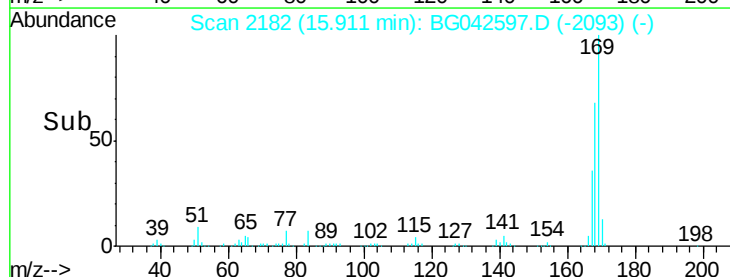
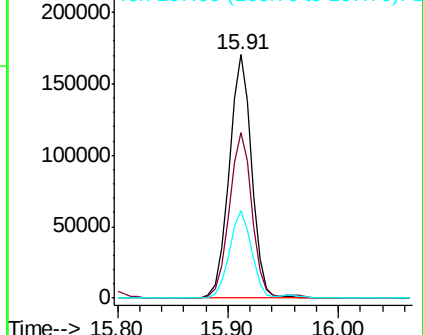
167 35.8 28.2 42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

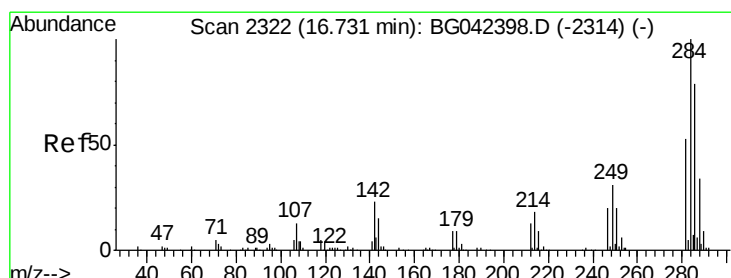
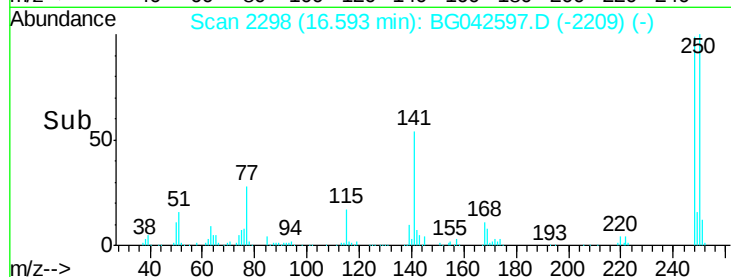
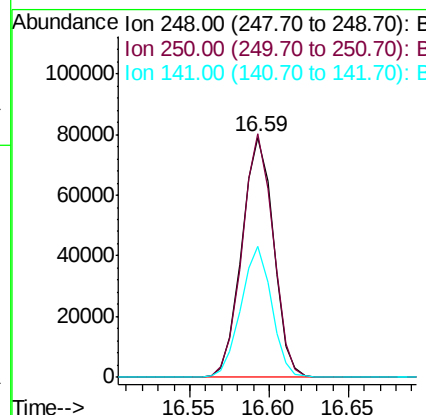
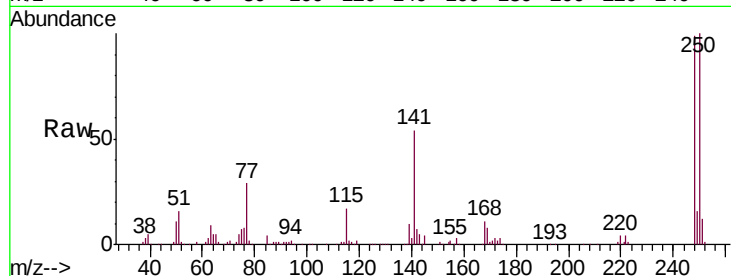




#67
 4-Bromophenyl-phenylether
 Concen: 39.498 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

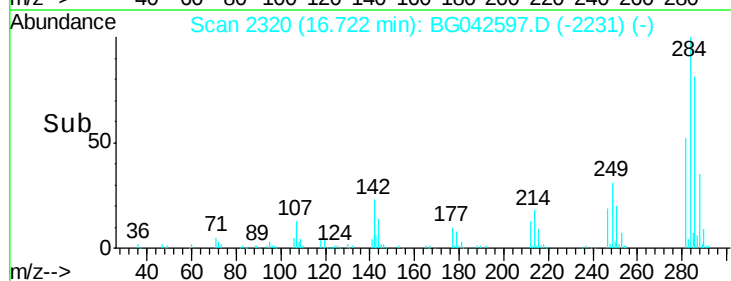
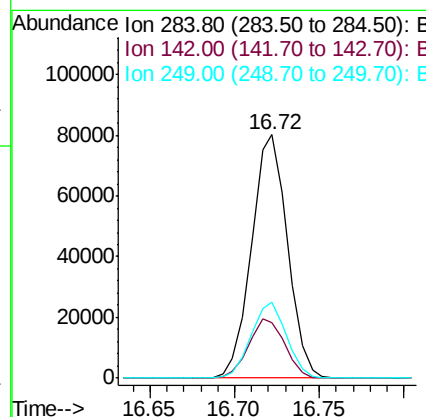
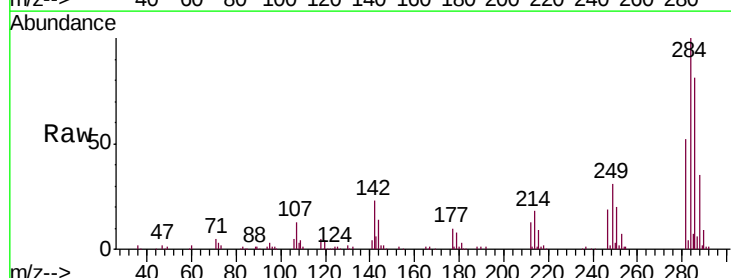
Instrument :
 BNA_G
 ClientSampleId :
 PB122665BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.3	78.9	118.3
141	54.4	43.3	64.9



#68
 Hexachlorobenzene
 Concen: 39.077 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042597.D
 Acq: 30 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.0	18.2	27.4
249	31.4	25.0	37.4





#69

Atrazine

Concen: 43.622 ng

RT: 16.86 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

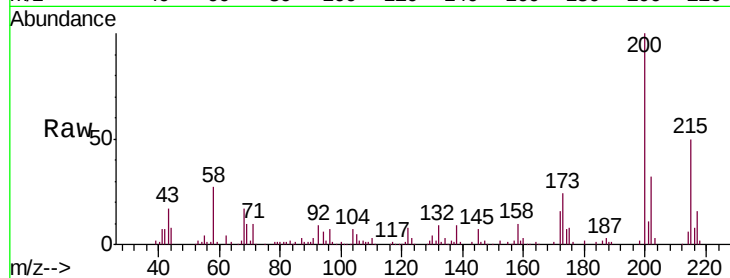
Tgt Ion:200 Resp: 93108

Ion Ratio Lower Upper

200 100

173 24.0 4.9 44.9

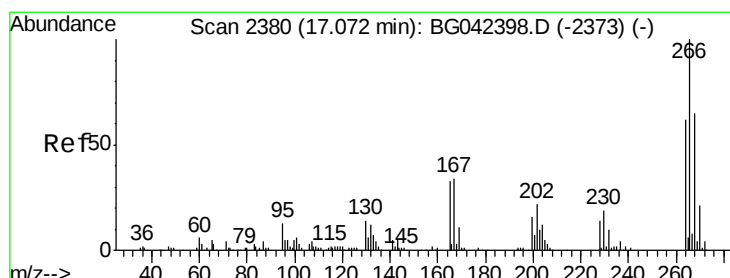
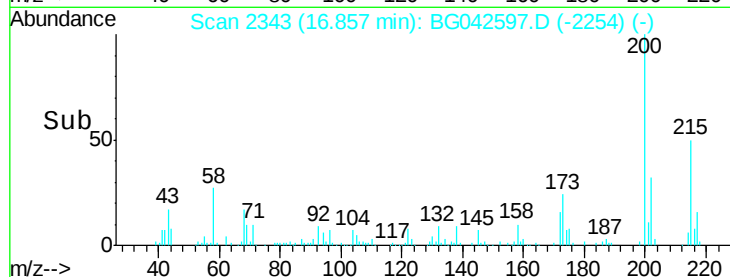
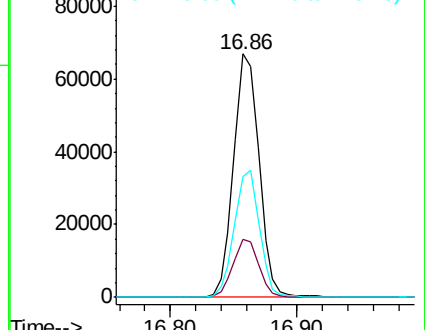
215 49.6 30.7 70.7



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: 83.492 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

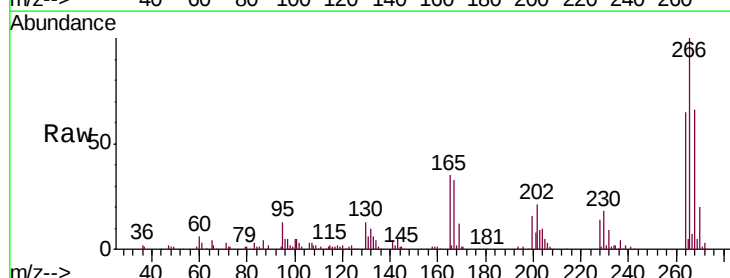
Tgt Ion:266 Resp: 131284

Ion Ratio Lower Upper

266 100

268 65.6 52.1 78.1

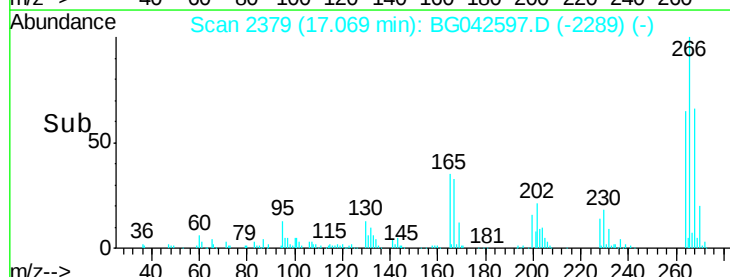
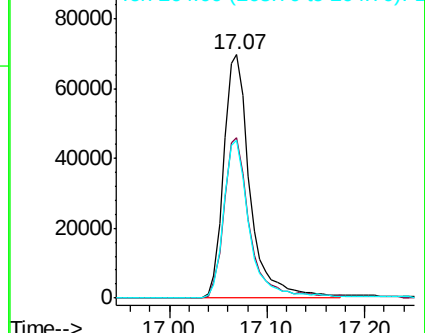
264 64.7 49.4 74.2



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

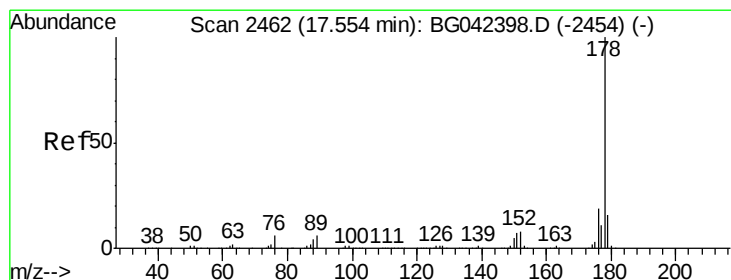
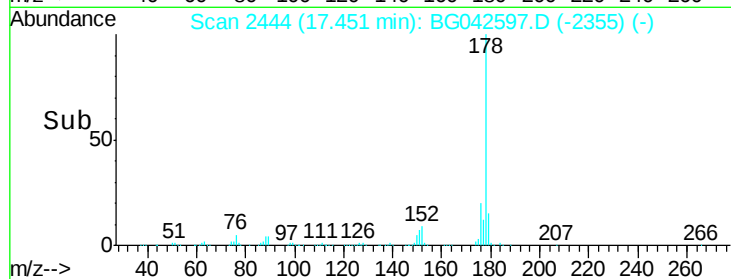
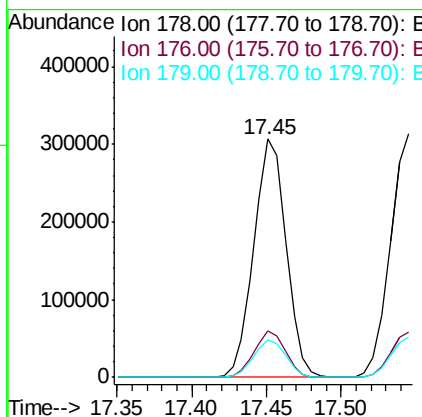
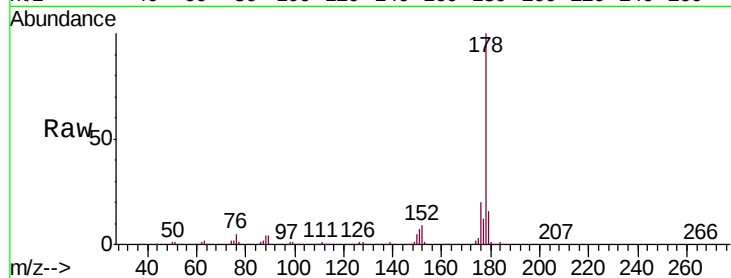




#71
Phenanthrene
Concen: 42.065 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

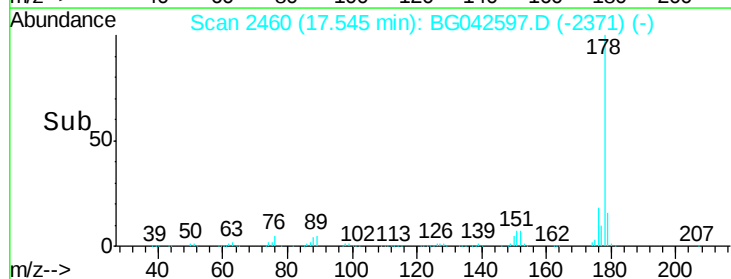
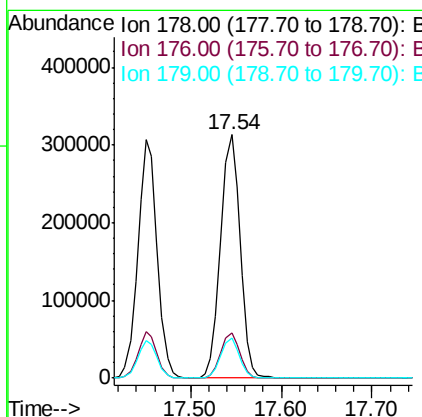
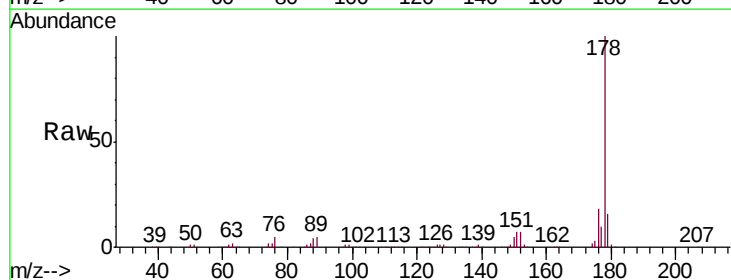
Instrument :
BNA_G
ClientSampleId :
PB122665BS

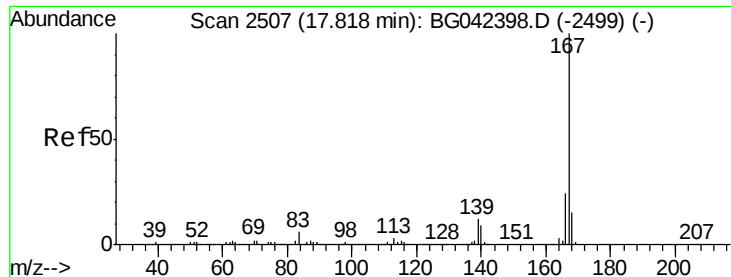
Tgt Ion:178 Resp: 458574
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.5 12.7 19.1



#72
Anthracene
Concen: 42.916 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion:178 Resp: 467058
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 16.3 12.9 19.3





#73

Carbazole

Concen: 42.418 ng

RT: 17.82 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

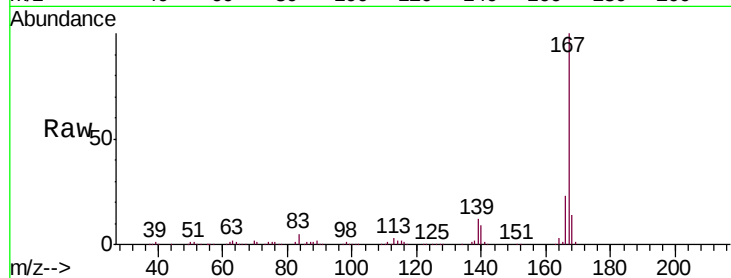
Tgt Ion:167 Resp: 411436

Ion Ratio Lower Upper

167 100

166 22.9 18.9 28.3

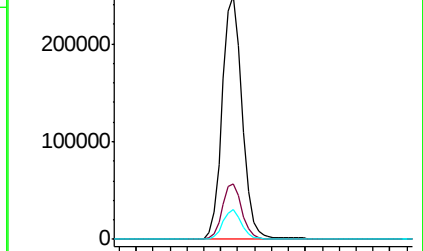
139 12.1 9.8 14.6



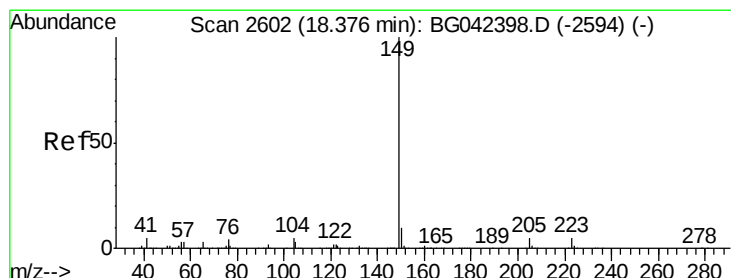
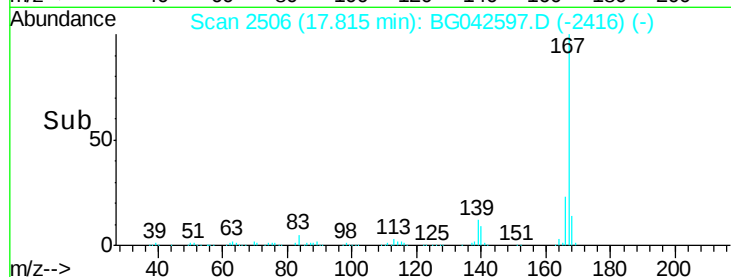
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 40.518 ng

RT: 18.37 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

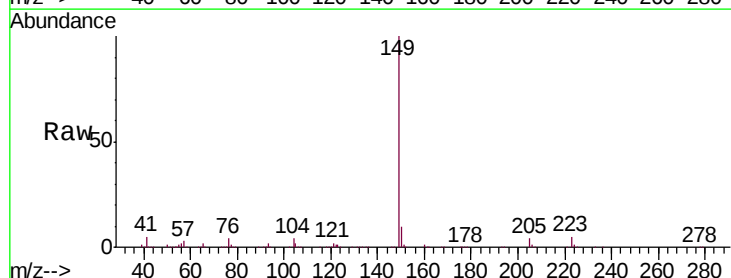
Tgt Ion:149 Resp: 464566

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

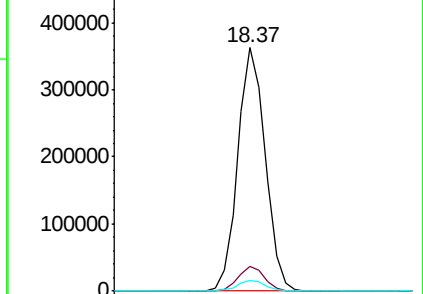
104 4.3 3.7 5.5



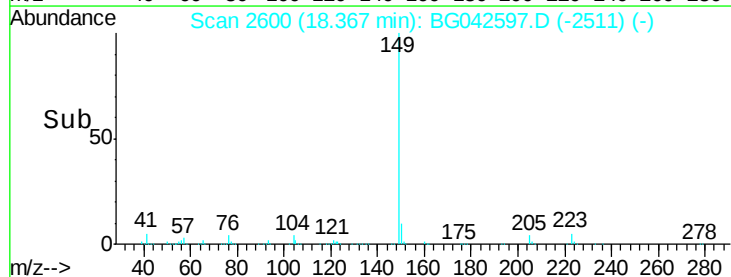
Abundance Ion 149.00 (148.70 to 149.70): E

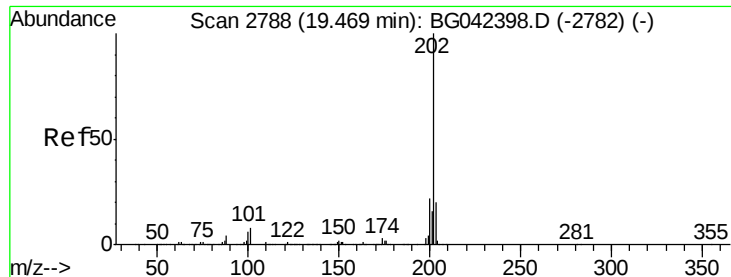
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 46.009 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

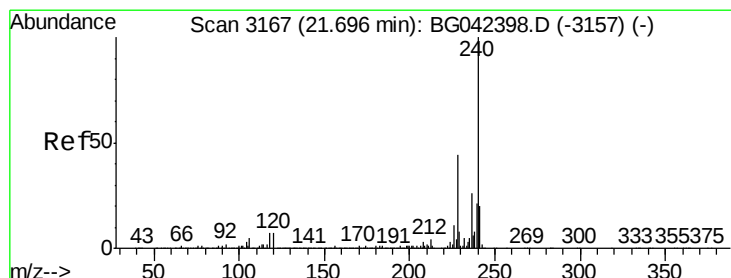
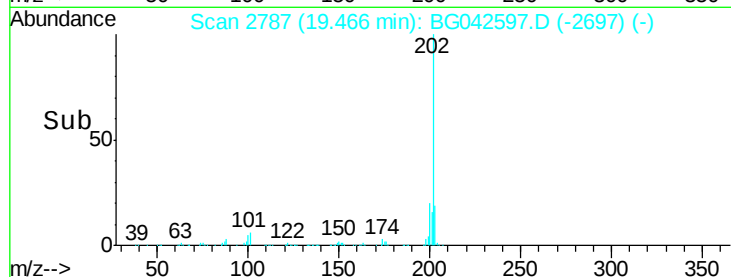
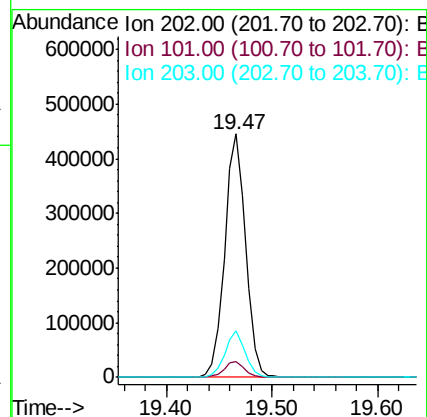
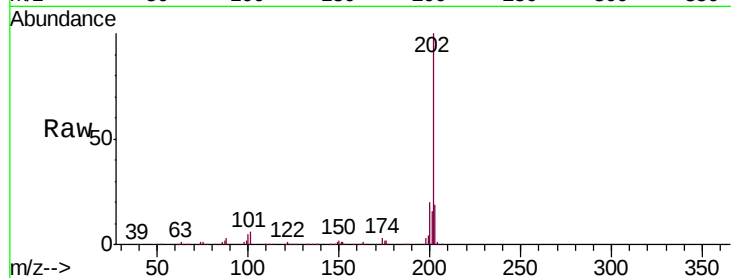
Tgt Ion:202 Resp: 612139

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.3

203 18.9 0.0 39.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

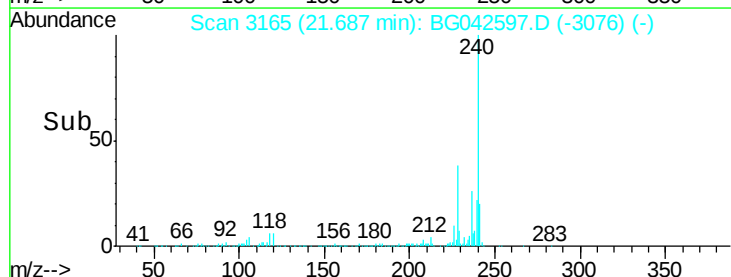
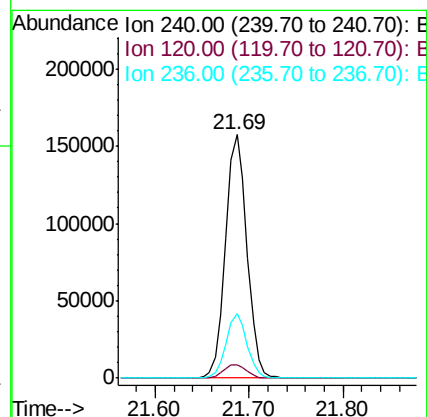
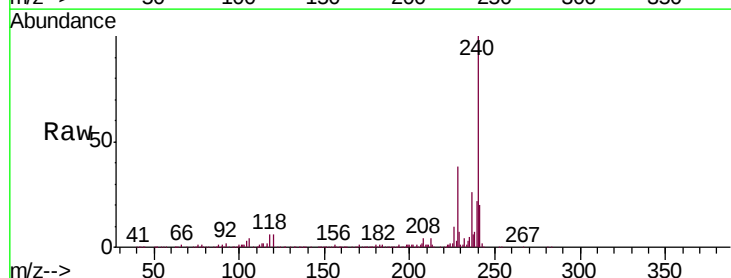
Tgt Ion:240 Resp: 250562

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

236 26.3 21.0 31.4





#77

Benzidine

Concen: 33.364 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

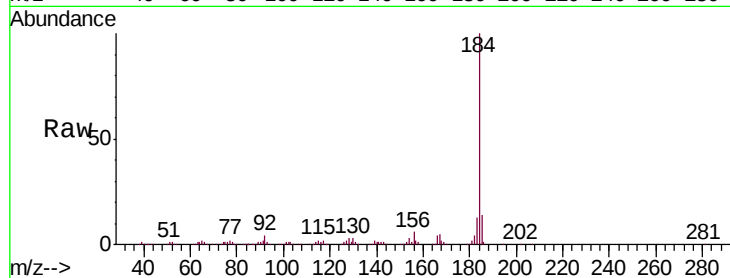
Tgt Ion:184 Resp: 239677

Ion Ratio Lower Upper

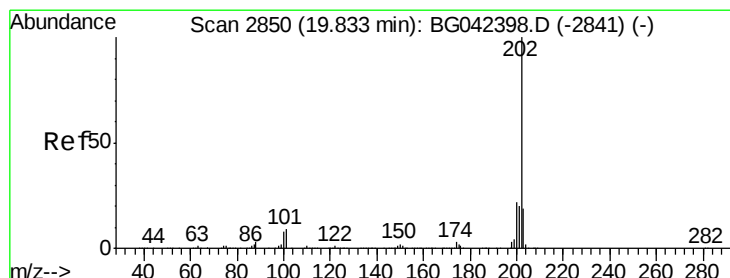
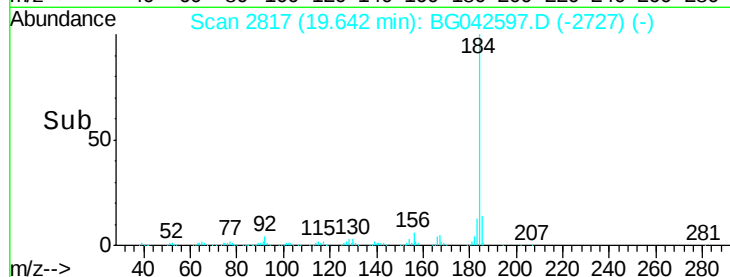
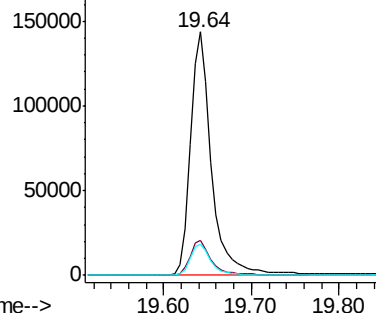
184 100

185 14.2 12.2 18.4

183 12.9 10.8 16.2



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



#78

Pyrene

Concen: 40.455 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

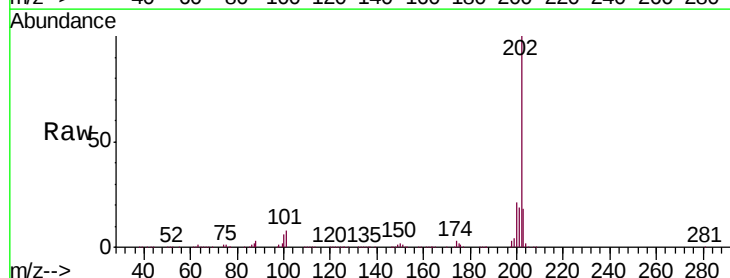
Tgt Ion:202 Resp: 621461

Ion Ratio Lower Upper

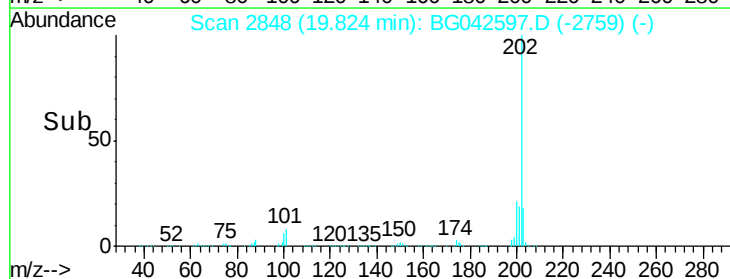
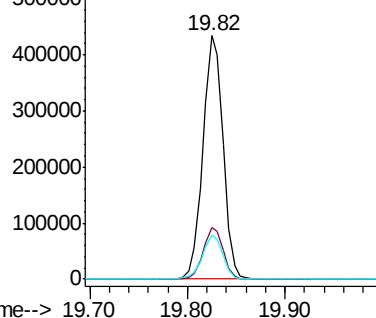
202 100

200 21.4 17.8 26.6

203 18.0 15.5 23.3



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





#79

Terphenyl-d14

Concen: 68.003 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

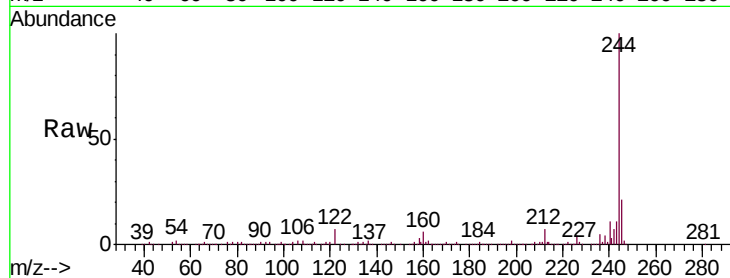
Tgt Ion:244 Resp: 788141

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 6.7 6.7 10.1#



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

800000

600000

400000

200000

0

20.02

20.01

20.00

20.00

20.00

20.00

20.00

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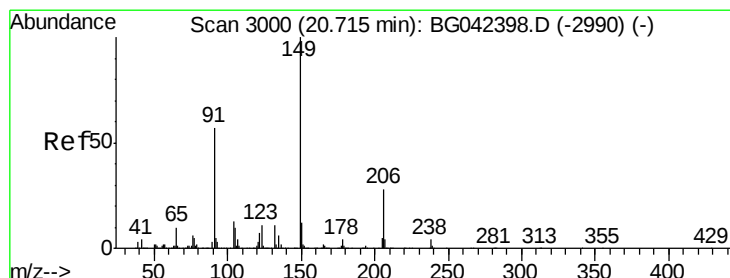
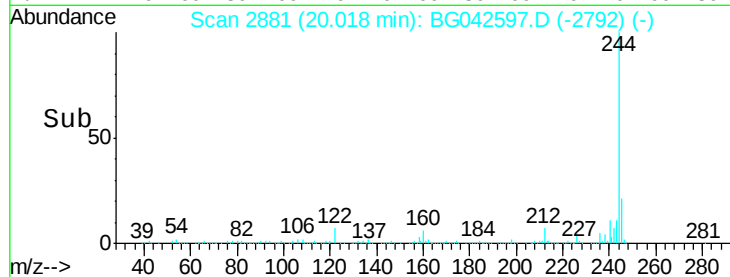
20.00

20.00

20.00

20.00

20.00



#80

Butylbenzylphthalate

Concen: 36.787 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

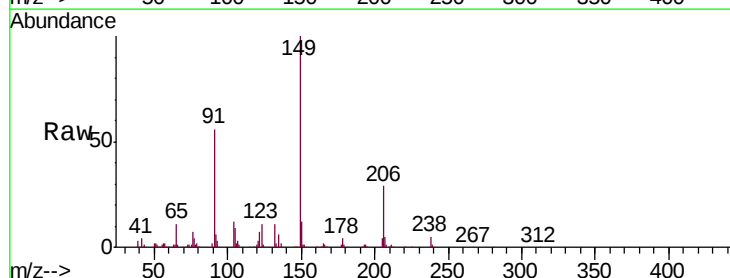
Tgt Ion:149 Resp: 222275

Ion Ratio Lower Upper

149 100

91 56.1 45.9 68.9

206 29.2 22.5 33.7



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

250000

200000

150000

100000

50000

0

20.71

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

20.70

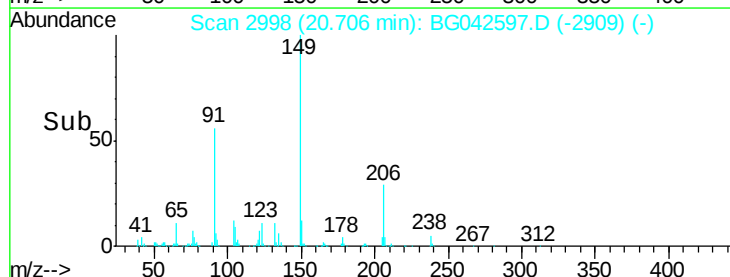
20.70

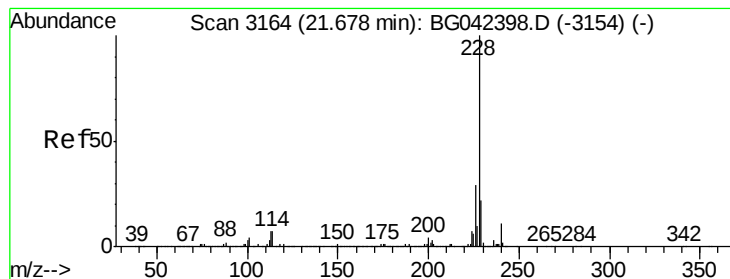
20.70

20.70

20.70

20.70





#81

Benzo(a)anthracene

Concen: 40.404 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

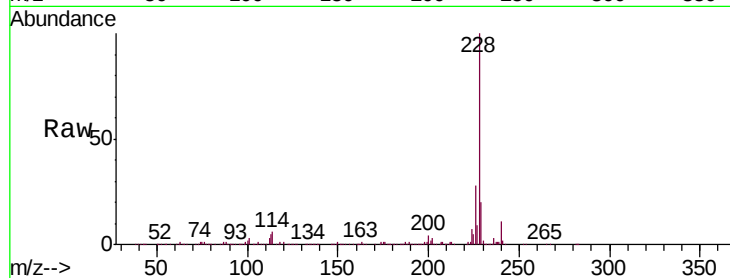
Tgt Ion:228 Resp: 615846

Ion Ratio Lower Upper

228 100

226 28.0 23.4 35.2

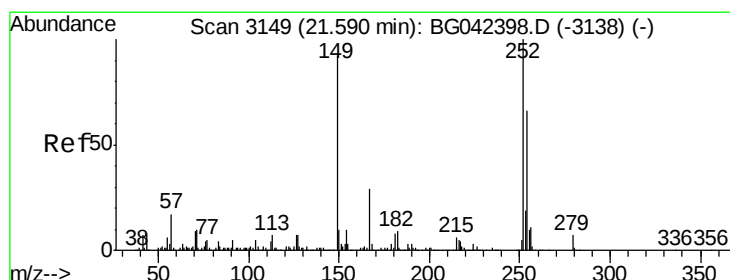
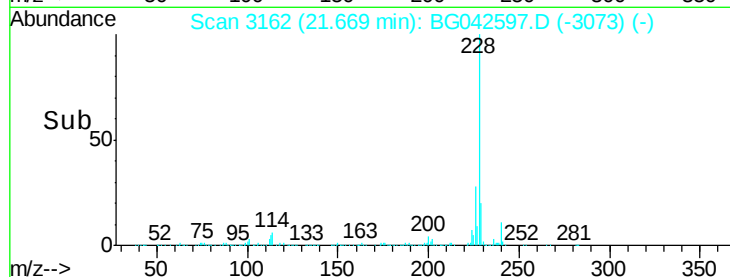
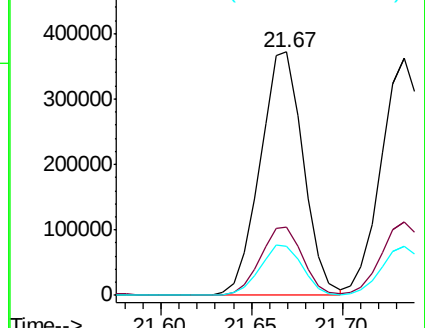
229 20.4 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.620 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

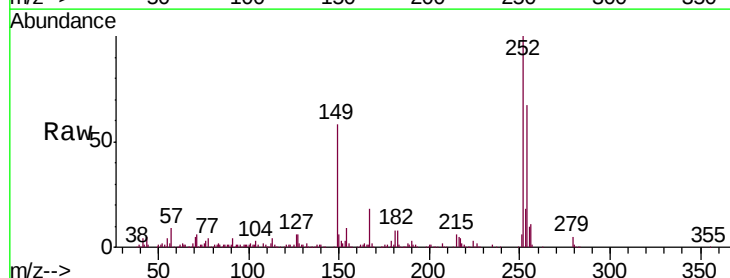
Tgt Ion:252 Resp: 218356

Ion Ratio Lower Upper

252 100

254 67.5 53.0 79.4

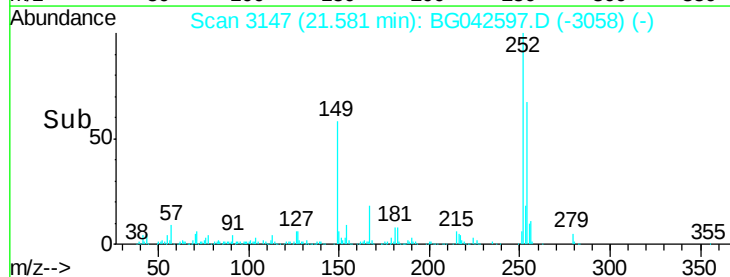
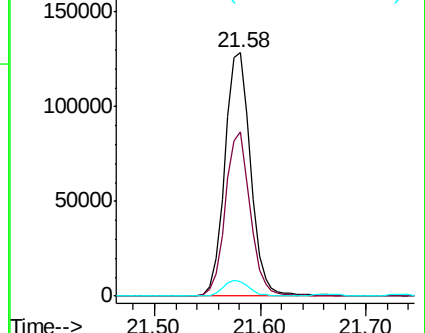
126 5.9 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.986 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

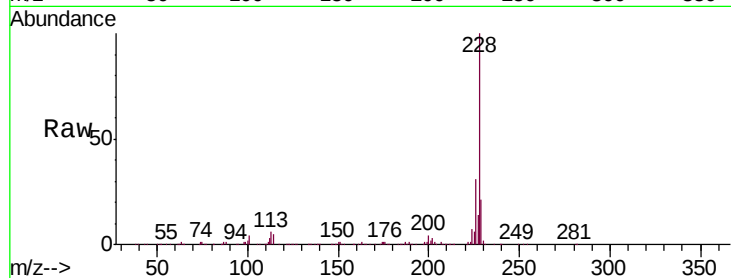
Tgt Ion:228 Resp: 602482

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

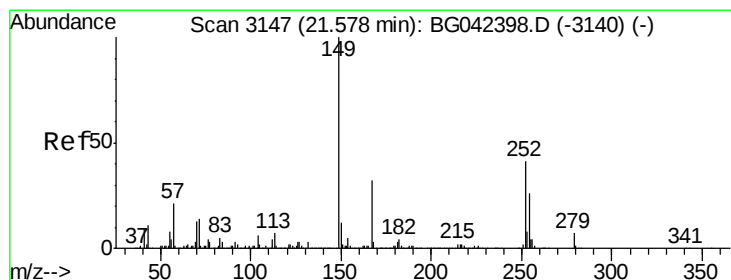
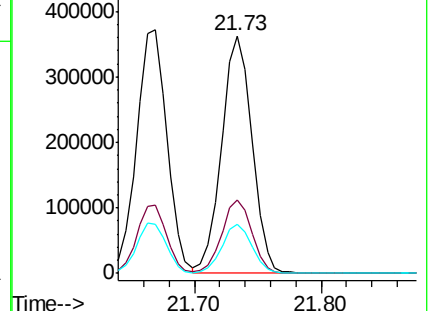
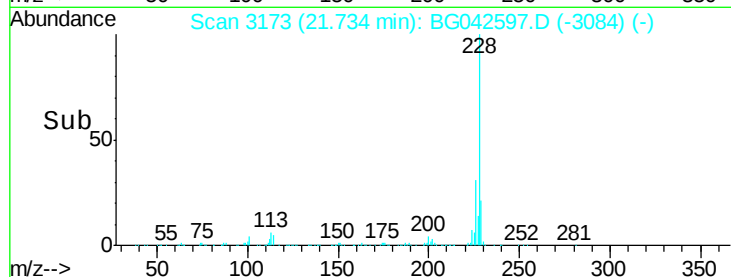
229 20.8 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.621 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

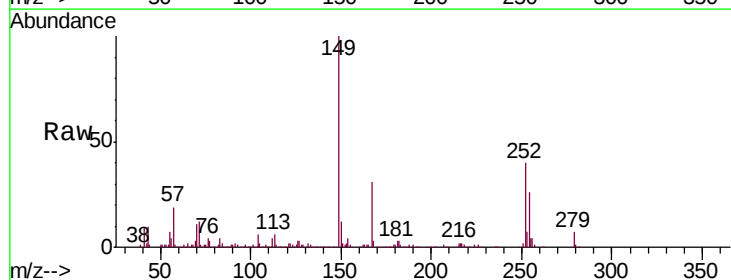
Tgt Ion:149 Resp: 323997

Ion Ratio Lower Upper

149 100

167 31.2 26.0 39.0

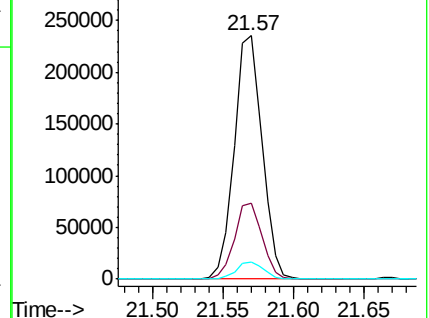
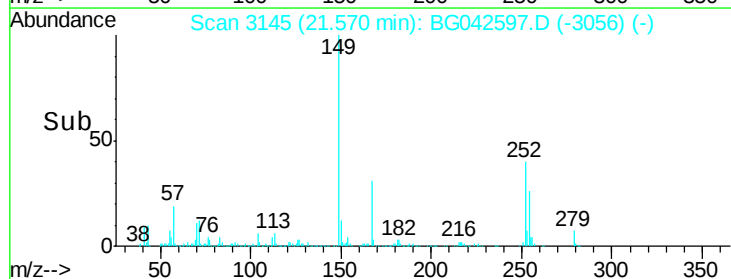
279 7.3 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

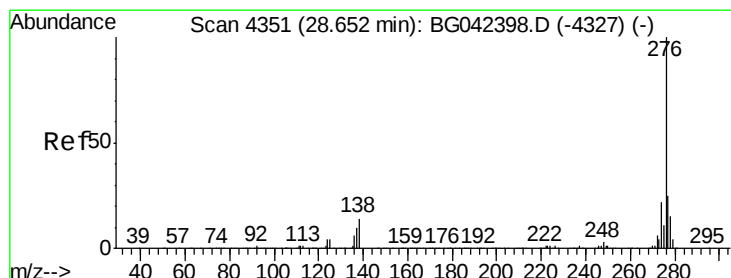
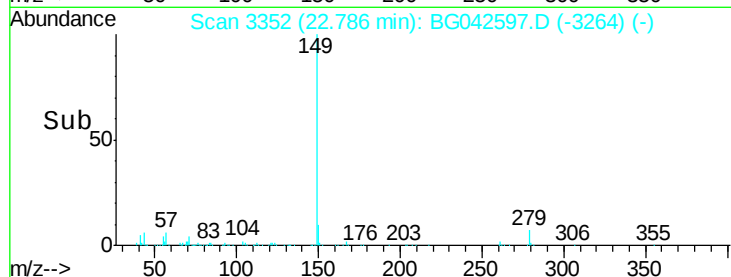
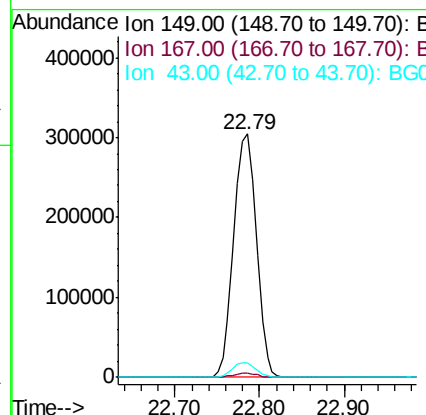
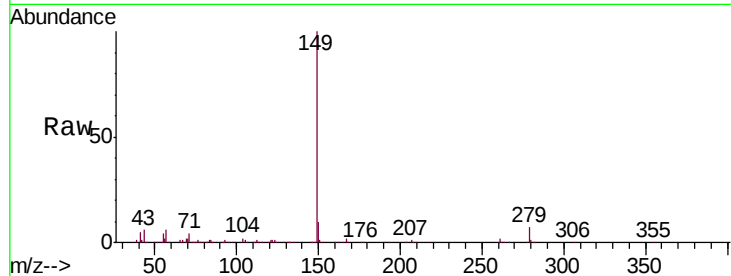




#85
Di-n-octyl phthalate
Concen: 39.130 ng
RT: 22.79 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

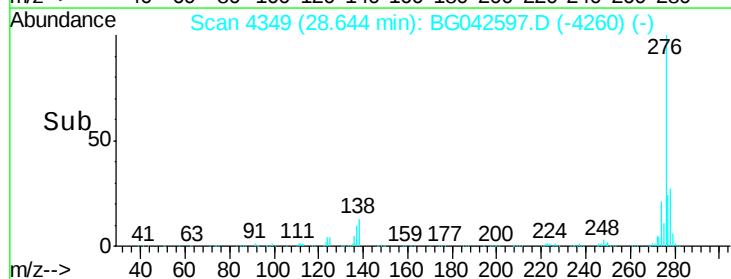
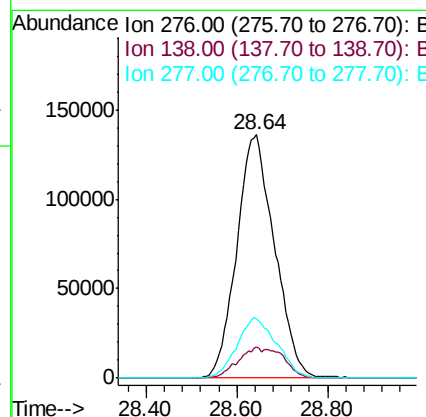
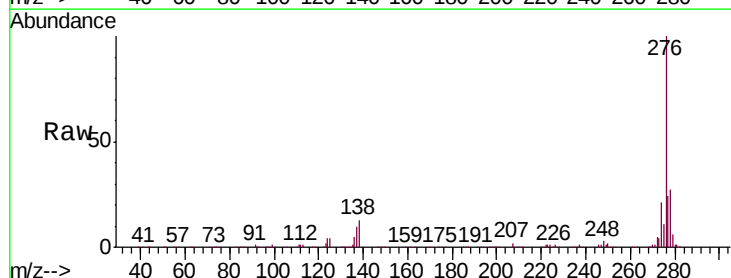
Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.2	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.488 ng
RT: 28.64 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.0	9.2	13.8#
277	26.1	21.0	31.6

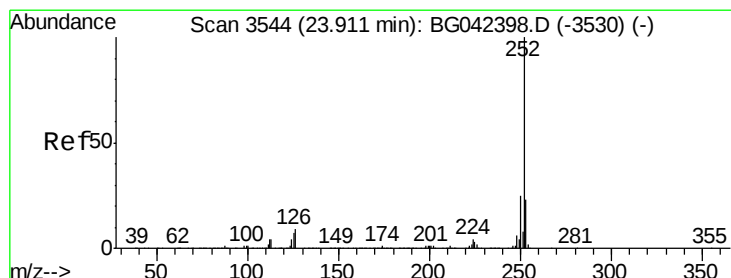
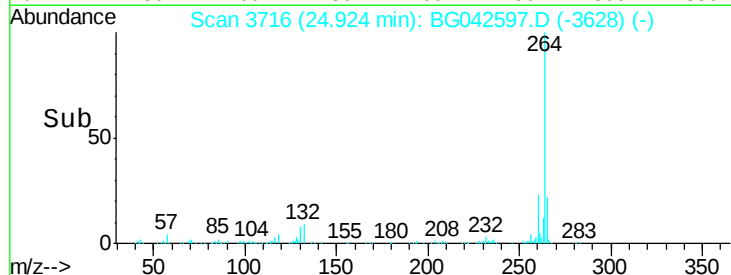
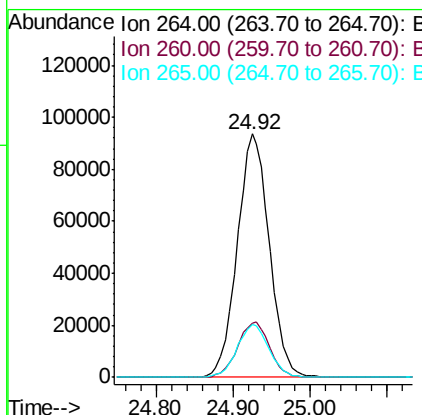
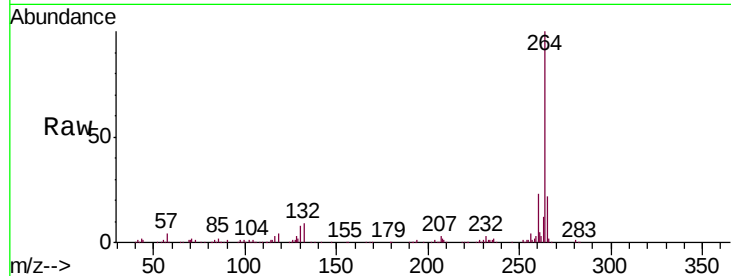




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

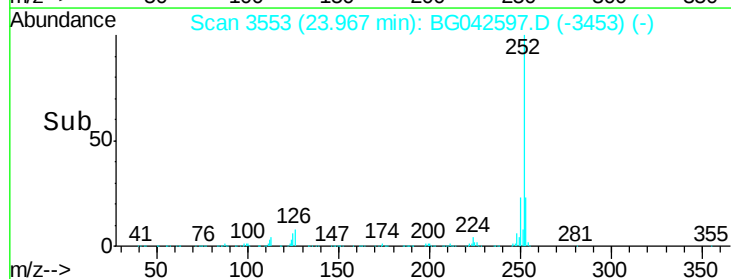
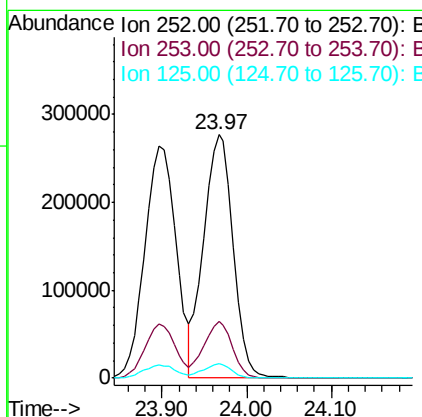
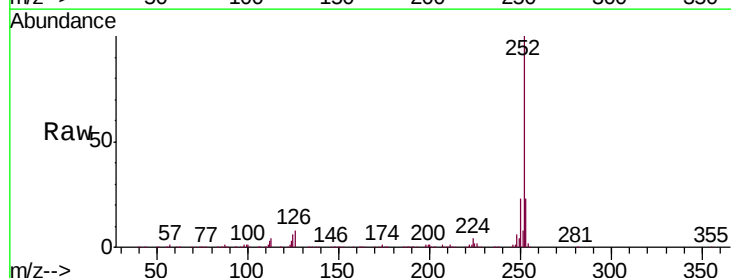
Instrument :
BNA_G
ClientSampleId :
PB122665BS

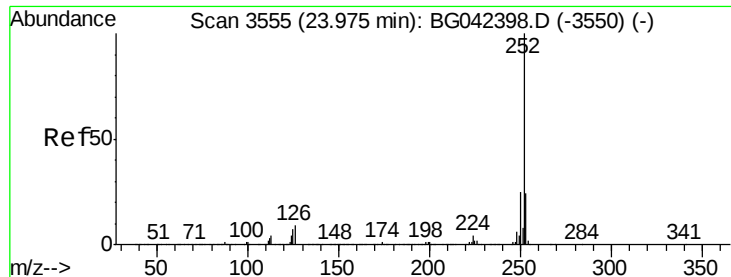
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.8	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 45.045 ng
RT: 23.97 min Scan# 3553
Delta R.T. 0.06 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	27.8
125	6.0	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 46.863 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122665BS

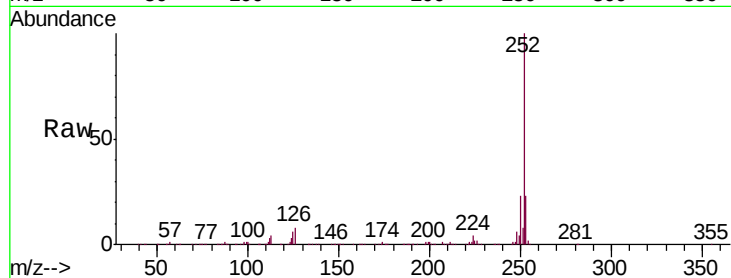
Tgt Ion:252 Resp: 672398

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

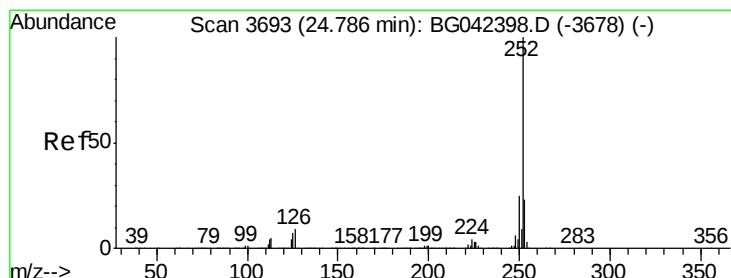
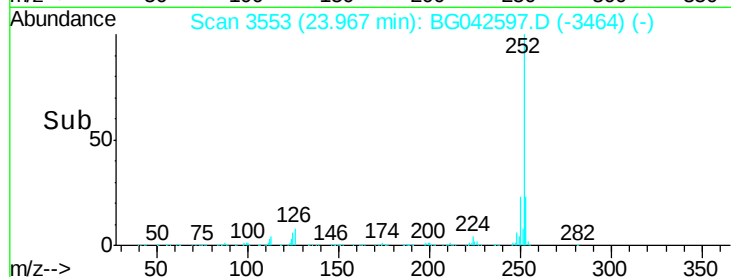
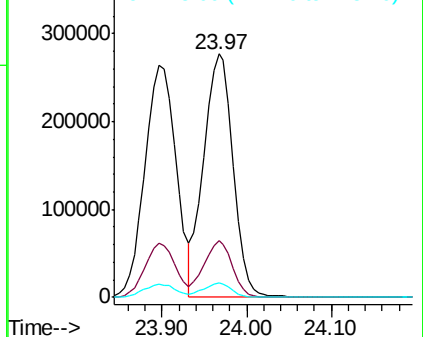
125 6.0 5.8 8.6



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



#90

Benzo(a)pyrene

Concen: 47.158 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042597.D

Acq: 30 Aug 2019 12:52

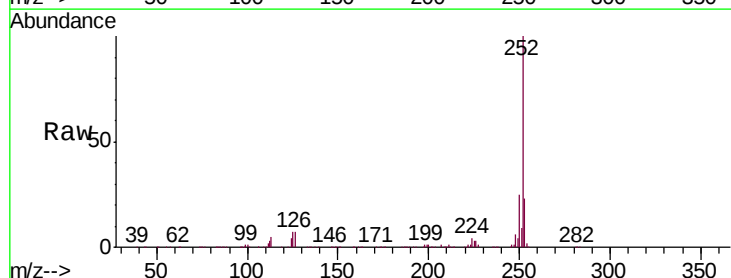
Tgt Ion:252 Resp: 667968

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

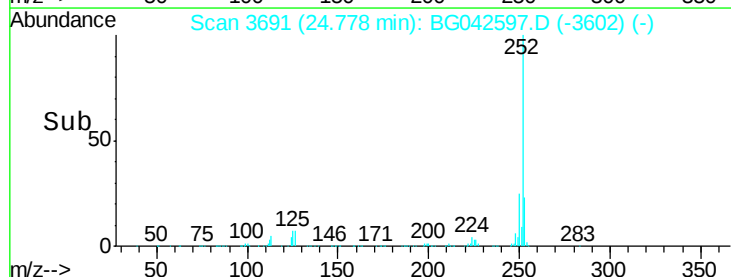
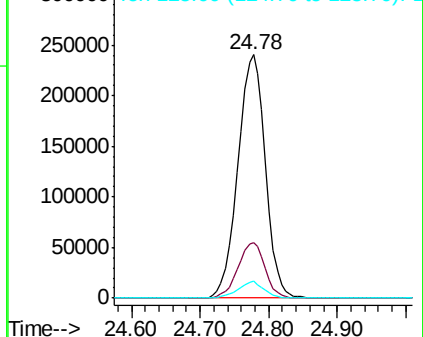
125 6.8 6.0 9.0

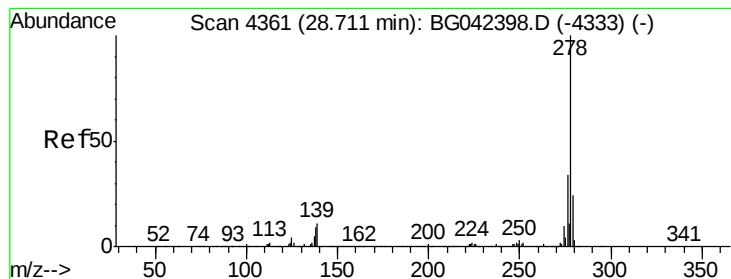


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

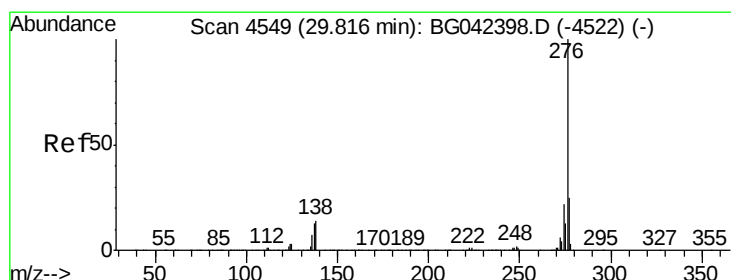
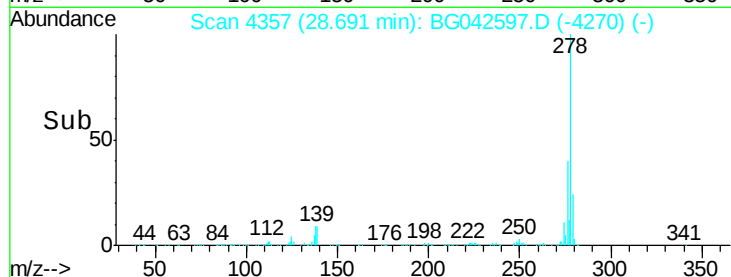
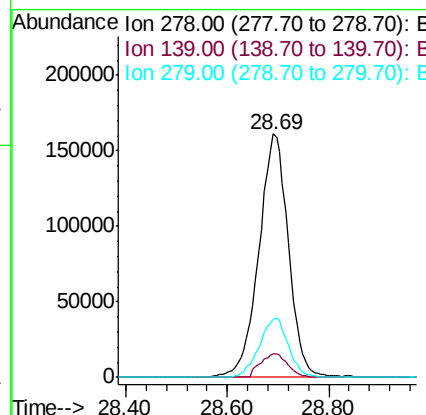
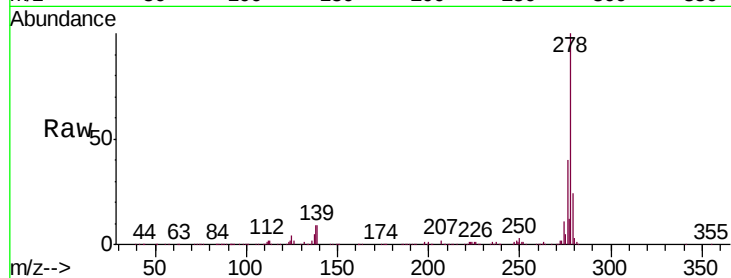




#91
Dibenzo(a,h)anthracene
Concen: 45.658 ng
RT: 28.69 min Scan# 4357
Delta R.T. -0.02 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Instrument :
BNA_G
ClientSampleId :
PB122665BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.8	13.2
279	23.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 45.909 ng
RT: 29.79 min Scan# 4544
Delta R.T. -0.03 min
Lab File: BG042597.D
Acq: 30 Aug 2019 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	13.0	11.4	17.0

