

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083019\
 Data File : BG042591.D
 Acq On : 30 Aug 2019 9:00
 Operator : HP/JU
 Sample : PB122614BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Quant Time: Aug 30 14:20:53 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	31205	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124038	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	91994	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	211294	20.00	ng	0.00
76) Chrysene-d12	21.69	240	241813	20.00	ng	0.00
87) Perylene-d12	24.92	264	263064	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	177628	115.29	ng	0.00
7) Phenol-d6	7.16	99	220643	106.02	ng	0.00
23) Nitrobenzene-d5	9.17	82	115303	64.24	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	143019	109.38	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	374440	68.84	ng	0.00
79) Terphenyl-d14	20.02	244	753209	67.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	22793	35.448	ng	97
3) Pyridine	3.82	79	51280	31.102	ng	99
4) n-Nitrosodimethylamine	3.73	42	25289	42.944	ng	89
6) Aniline	7.31	93	77716	27.997	ng	100
8) 2-Chlorophenol	7.56	128	79758	42.713	ng	97
9) Benzaldehyde	7.13	77	45252	43.430	ng	98
10) Phenol	7.19	94	87125	41.173	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	61414	36.955	ng	94
12) 1,3-Dichlorobenzene	7.88	146	92387	38.893	ng	97
13) 1,4-Dichlorobenzene	8.03	146	94008	39.070	ng	99
14) 1,2-Dichlorobenzene	8.35	146	89709	38.932	ng	99
15) Benzyl Alcohol	8.24	79	59634	39.827	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	80225	35.616	ng	99
17) 2-Methylphenol	8.45	107	61525	39.474	ng	96
18) Hexachloroethane	9.09	117	31622	38.389	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	48668	36.095	ng	92
20) 3+4-Methylphenols	8.78	107	84018	38.956	ng	98
22) Acetophenone	8.82	105	109235	41.175	ng	# 98
24) Nitrobenzene	9.21	77	71973	39.597	ng	99
25) Isophorone	9.74	82	132166	37.310	ng	99
26) 2-Nitrophenol	9.92	139	47425	41.636	ng	93
27) 2,4-Dimethylphenol	9.99	122	71343	45.469	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	82875	37.119	ng	99
29) 2,4-Dichlorophenol	10.47	162	88141	42.936	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	103277	40.987	ng	99
31) Naphthalene	10.87	128	234514	40.723	ng	99
32) Benzoic acid	10.13	122	32286	31.696	ng	98
33) 4-Chloroaniline	10.98	127	62260	23.420	ng	99
34) Hexachlorobutadiene	11.16	225	70925	41.882	ng	99
35) Caprolactam	11.75	113	14531	21.213	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	78830	40.451	ng	99
37) 2-Methylnaphthalene	12.48	142	187479	40.544	ng	99
38) 1-Methylnaphthalene	12.70	142	172471	39.267	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	130146	44.054	ng	99

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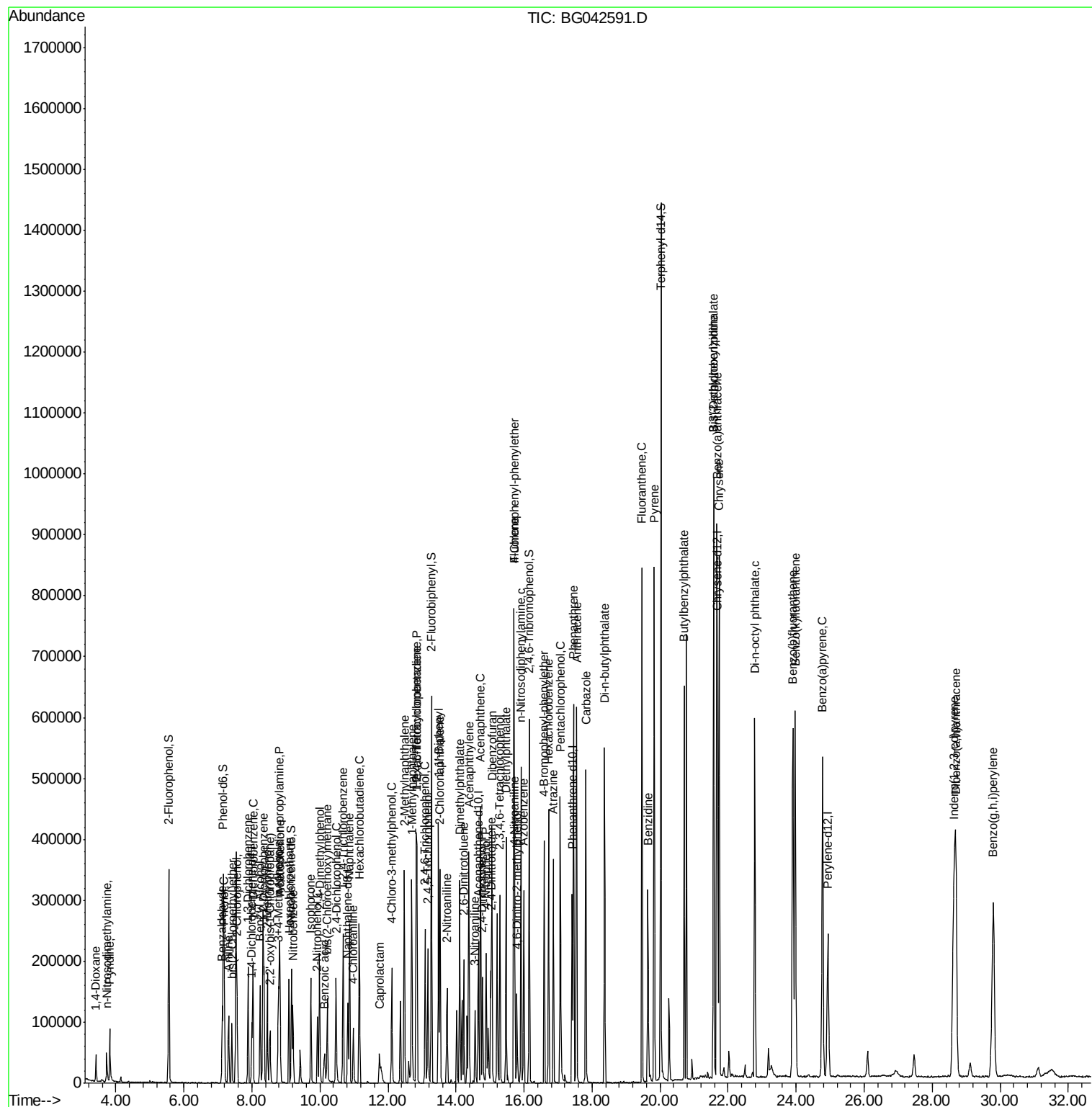
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	112141	72.263	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	81408	40.768	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	85307	41.224	ng	98
46) 1,1'-Biphenyl	13.49	154	244520	41.120	ng	99
47) 2-Chloronaphthalene	13.53	162	203417	39.672	ng	99
48) 2-Nitroaniline	13.73	65	44336	35.857	ng	94
49) Acenaphthylene	14.38	152	314572	40.779	ng	99
50) Dimethylphthalate	14.11	163	253010	38.117	ng	100
51) 2,6-Dinitrotoluene	14.22	165	61131	39.732	ng	98
52) Acenaphthene	14.72	154	183223	39.115	ng	98
53) 3-Nitroaniline	14.56	138	43017	27.956	ng	99
54) 2,4-Dinitrophenol	14.78	184	64743	63.800	ng	99
55) Dibenzofuran	15.06	168	318593	41.090	ng	99
56) 4-Nitrophenol	14.88	139	85473	78.174	ng	95
57) 2,4-Dinitrotoluene	15.02	165	86040	39.052	ng	97
58) Fluorene	15.70	166	257222	40.583	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	84486	41.285	ng	# 93
60) Diethylphthalate	15.47	149	243639	37.548	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	153560	40.191	ng	97
62) 4-Nitroaniline	15.73	138	61855	37.560	ng	96
63) Azobenzene	15.99	77	166893	37.536	ng	96
65) 4,6-Dinitro-2-methylphenol	15.79	198	53749	40.574	ng	99
66) n-Nitrosodiphenylamine	15.91	169	234068	40.282	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	108626	40.530	ng	97
68) Hexachlorobenzene	16.72	284	112577	38.640	ng	99
69) Atrazine	16.86	200	89243	43.430	ng	96
70) Pentachlorophenol	17.07	266	128613	84.960	ng	98
71) Phenanthrene	17.45	178	438146	41.747	ng	99
72) Anthracene	17.54	178	450858	43.031	ng	98
73) Carbazole	17.81	167	395256	42.328	ng	98
74) Di-n-butylphthalate	18.37	149	449460	40.718	ng	99
75) Fluoranthene	19.47	202	589366	46.013	ng	96
77) Benzidine	19.64	184	238839	34.450	ng	99
78) Pyrene	19.82	202	602377	40.631	ng	98
80) Butylbenzylphthalate	20.70	149	217426	37.287	ng	99
81) Benzo(a)anthracene	21.67	228	595789	40.502	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	215810	36.479	ng	99
83) Chrysene	21.73	228	584635	41.211	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	313503	38.722	ng	97
85) Di-n-octyl phthalate	22.78	149	544524	39.104	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	760821	39.464	ng	# 97
88) Benzo(b)fluoranthene	23.90	252	646892	44.730	ng	98
89) Benzo(k)fluoranthene	23.97	252	647861	46.604	ng	97
90) Benzo(a)pyrene	24.78	252	638554	46.530	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	632320	45.507	ng	98
92) Benzo(g,h,i)perylene	29.79	276	638196	45.923	ng	96

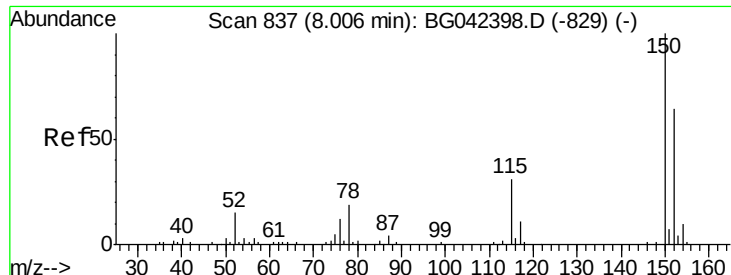
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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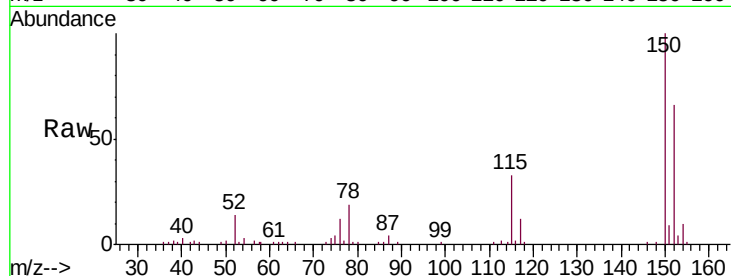


#1

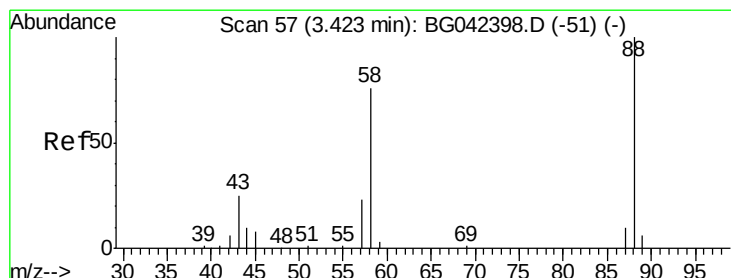
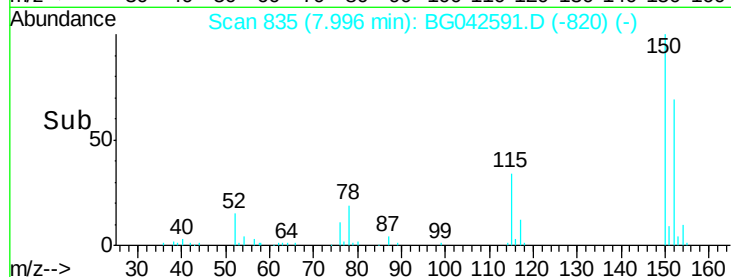
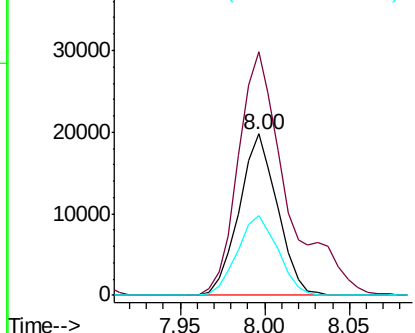
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tgt Ion:152 Resp: 31205
Ion Ratio Lower Upper
152 100
150 150.7 125.4 188.0
115 49.1 38.5 57.7



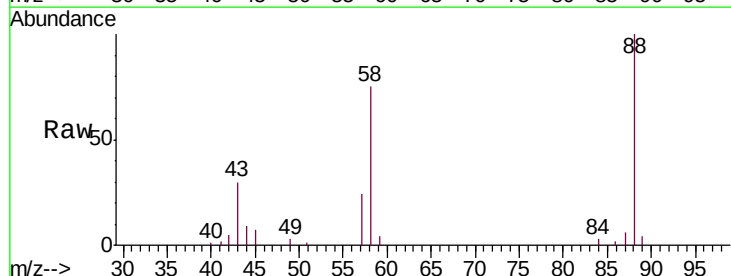
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



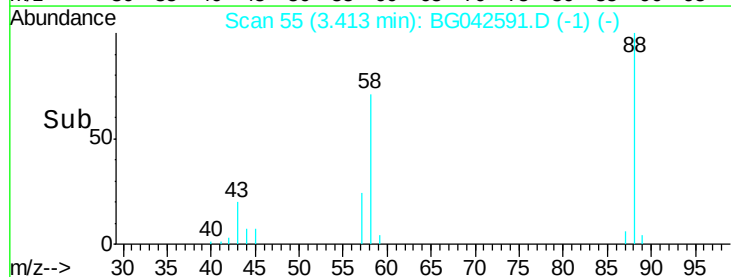
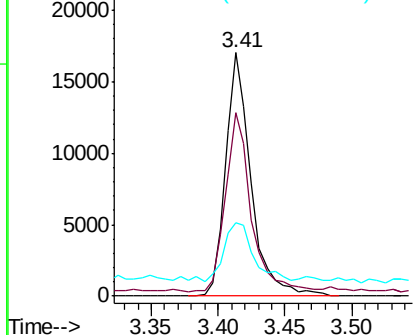
#2

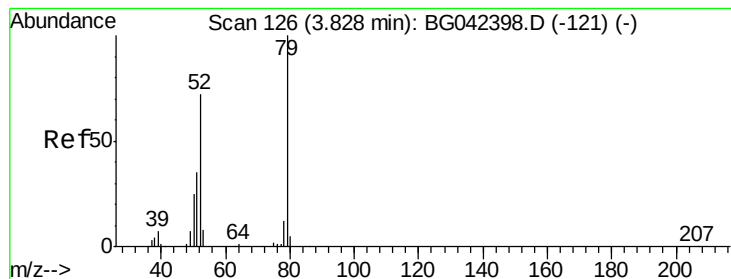
1,4-Dioxane
Concen: 35.448 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion: 88 Resp: 22793
Ion Ratio Lower Upper
88 100
58 75.1 58.3 87.5
43 27.5 20.2 30.2



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





#3

Pyridine

Concen: 31.102 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

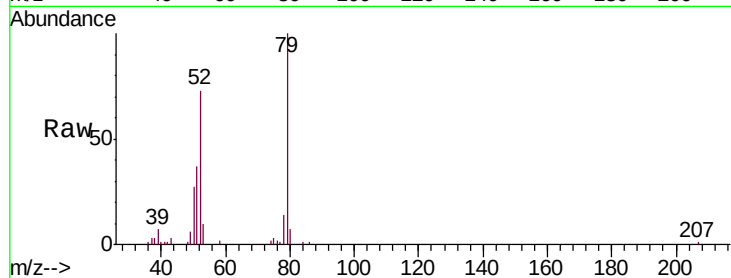
Tgt Ion: 79 Resp: 51280

Ion Ratio Lower Upper

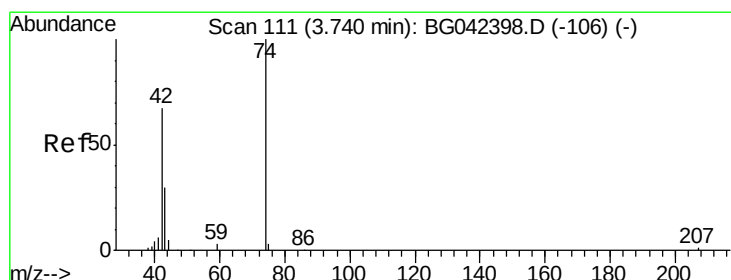
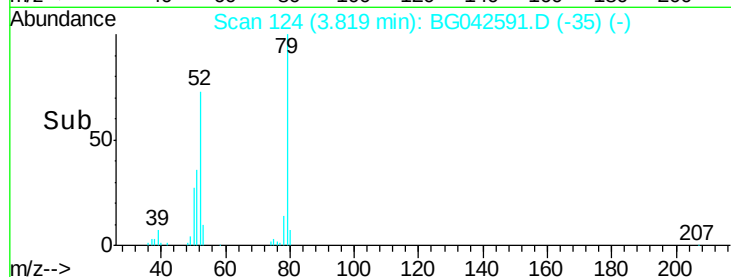
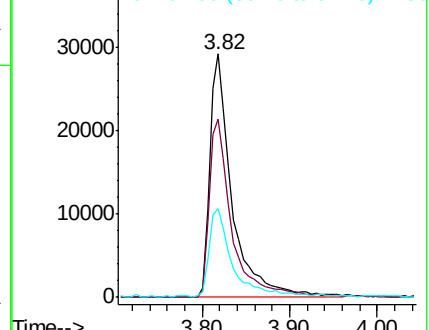
79 100

52 73.0 57.7 86.5

51 36.7 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: 42.944 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

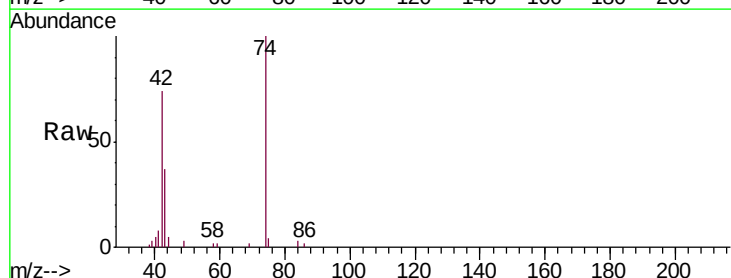
Tgt Ion: 42 Resp: 25289

Ion Ratio Lower Upper

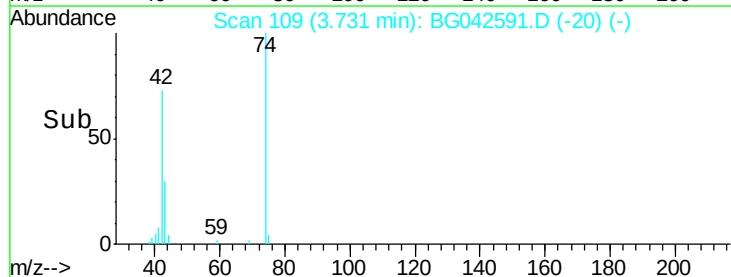
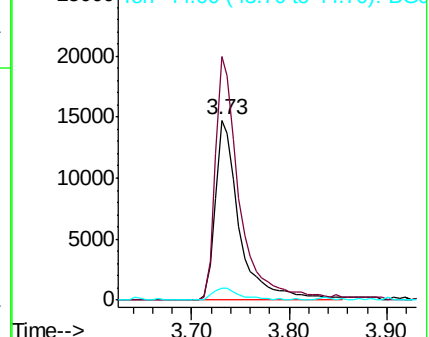
42 100

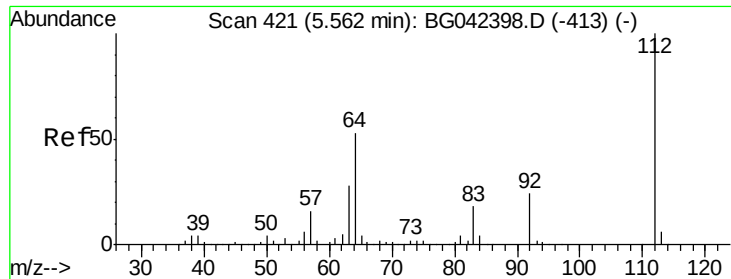
74 135.5 119.6 179.4

44 6.7 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: 115.285 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

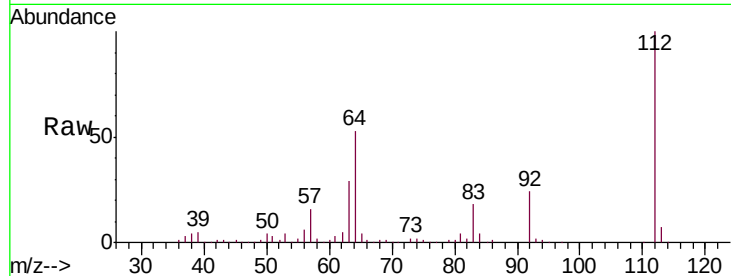
Instrument :

BNA_G

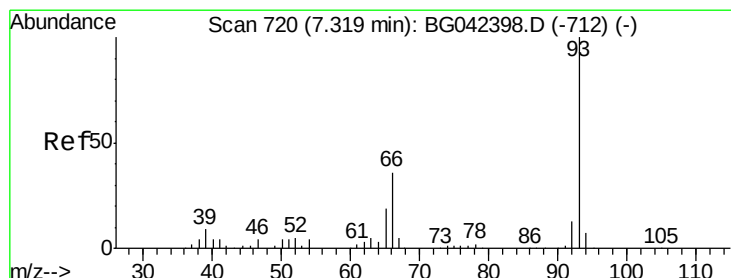
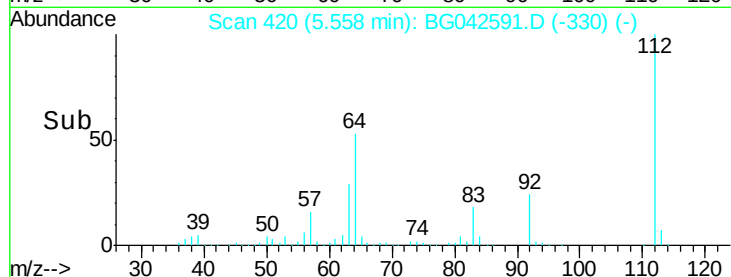
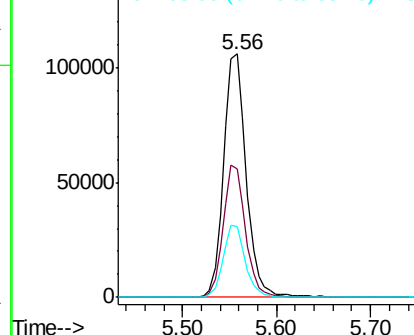
ClientSampleId :

PB122614BS

Tgt Ion:	112	Resp:	177628
Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.8	64.2
63	28.9	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: 27.997 ng

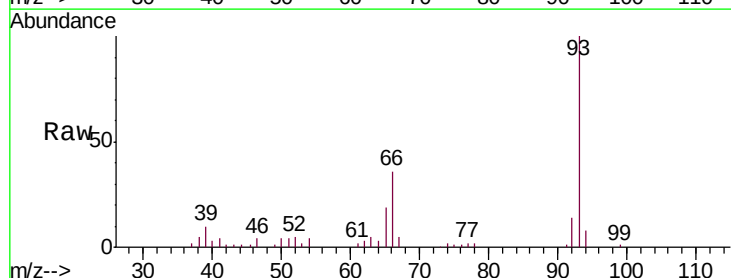
RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

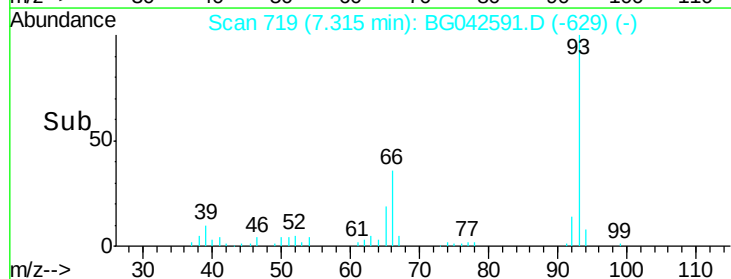
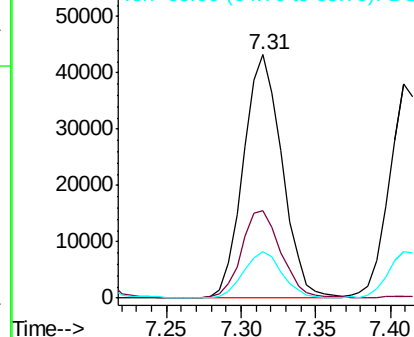
Lab File: BG042591.D

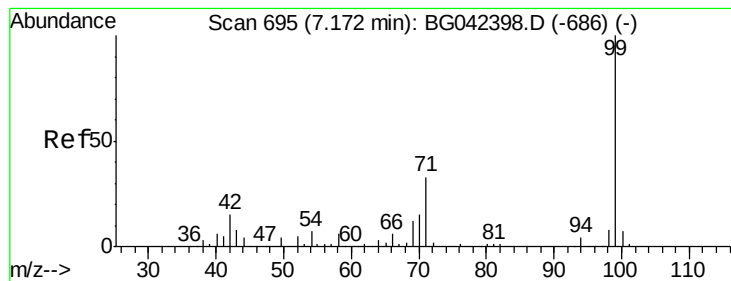
Acq: 30 Aug 2019 9:00

Tgt Ion:	93	Resp:	77716
Ion	Ratio	Lower	Upper
93	100		
66	36.2	29.0	43.6
65	19.0	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: 106.016 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

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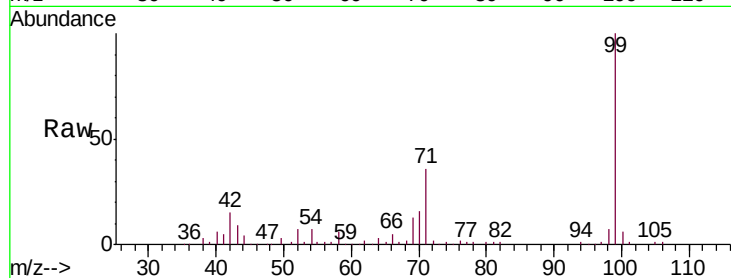
Tgt Ion: 99 Resp: 220643

Ion Ratio Lower Upper

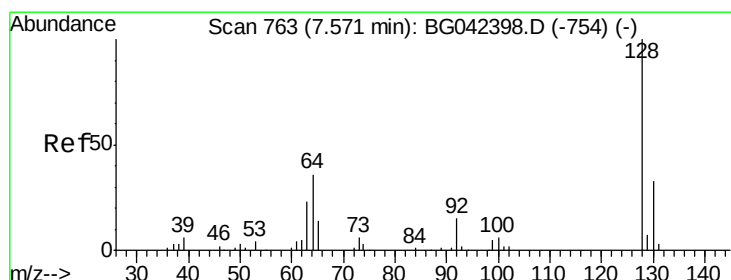
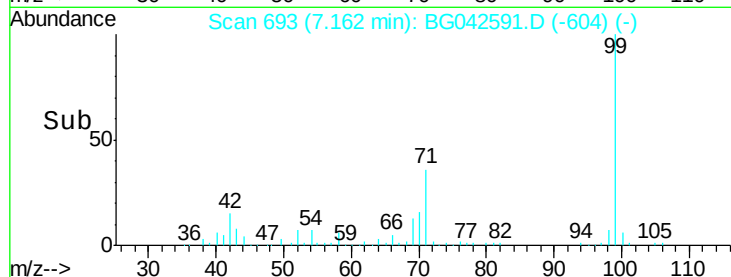
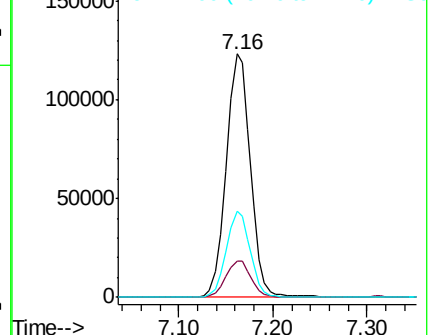
99 100

42 15.1 12.0 18.0

71 35.5 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: 42.713 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

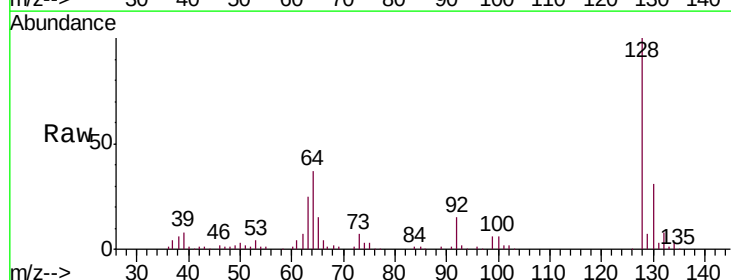
Tgt Ion: 128 Resp: 79758

Ion Ratio Lower Upper

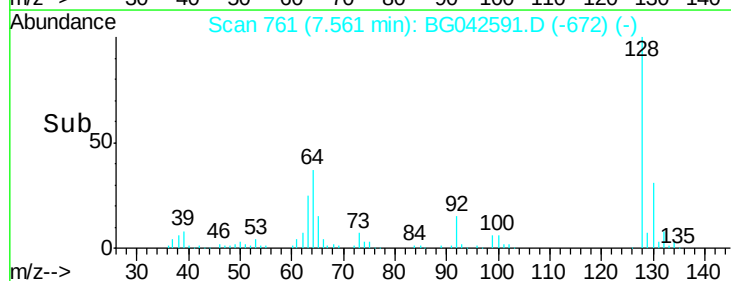
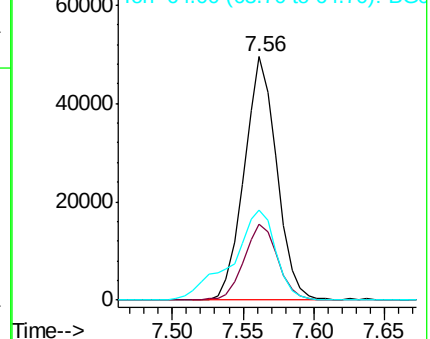
128 100

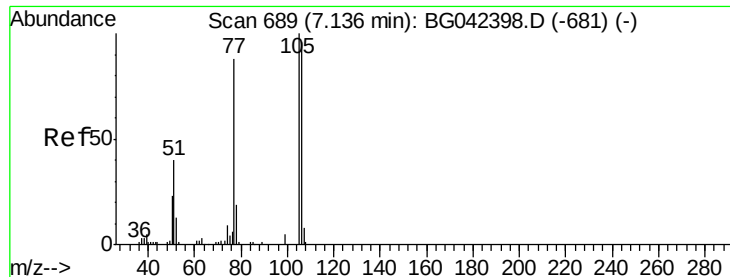
130 31.1 12.8 52.8

64 37.0 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: 43.430 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

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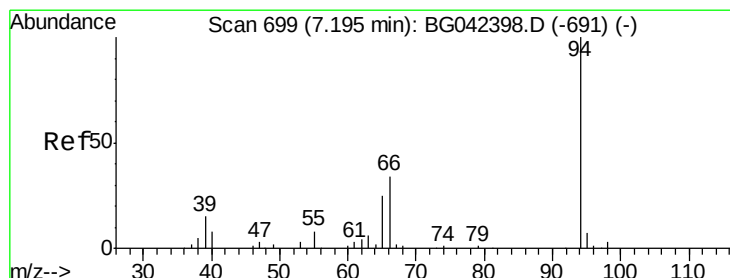
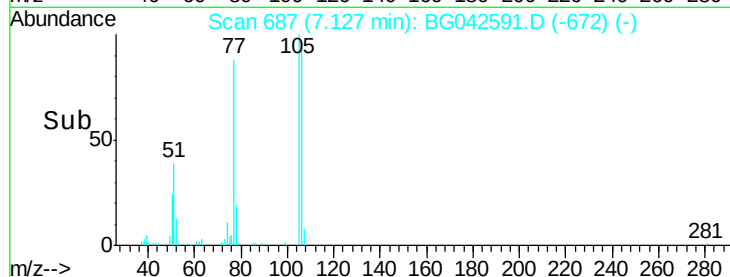
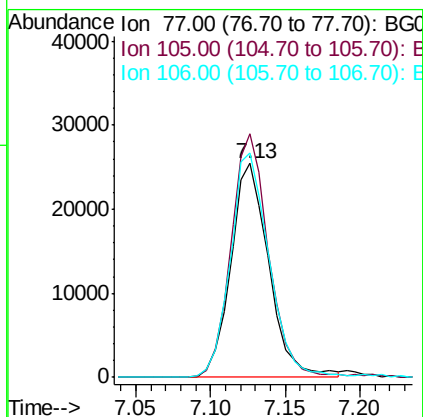
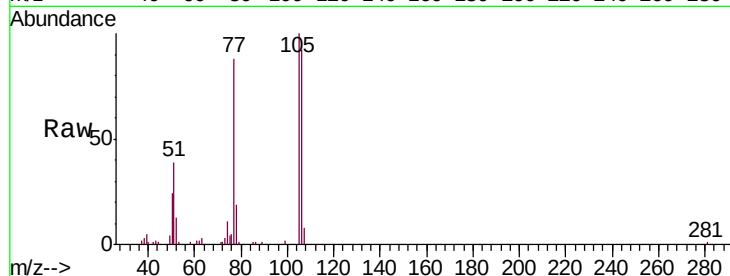
Tgt Ion: 77 Resp: 45252

Ion Ratio Lower Upper

77 100

105 113.8 93.4 133.4

106 104.7 88.4 128.4



#10

Phenol

Concen: 41.173 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

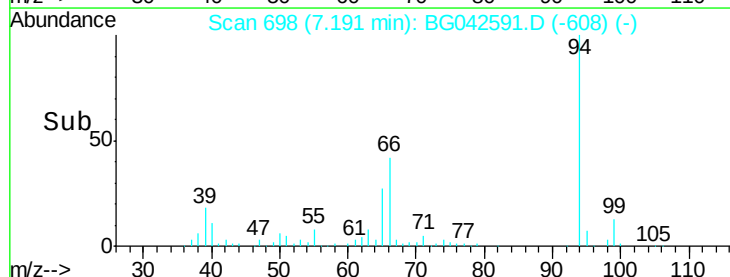
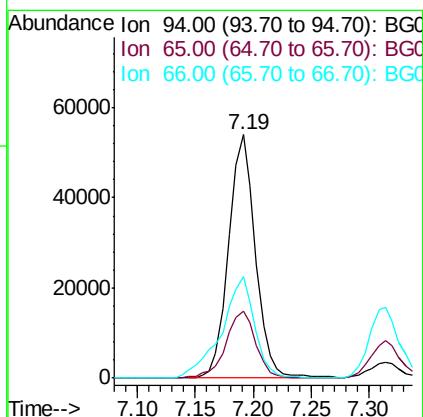
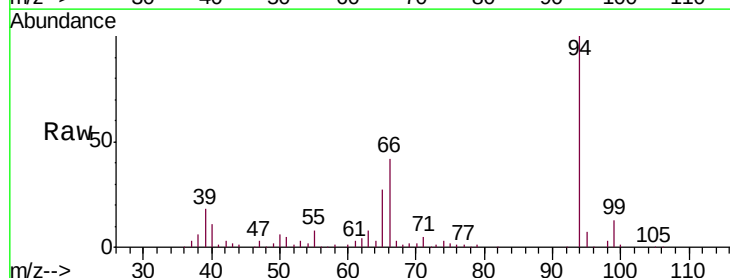
Tgt Ion: 94 Resp: 87125

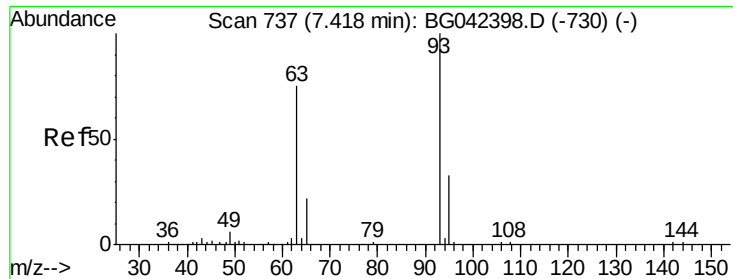
Ion Ratio Lower Upper

94 100

65 27.3 5.6 45.6

66 41.7 16.0 56.0

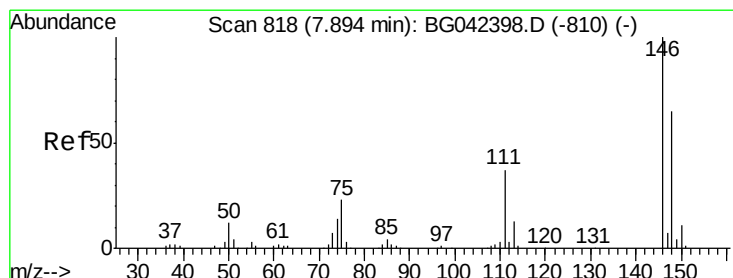
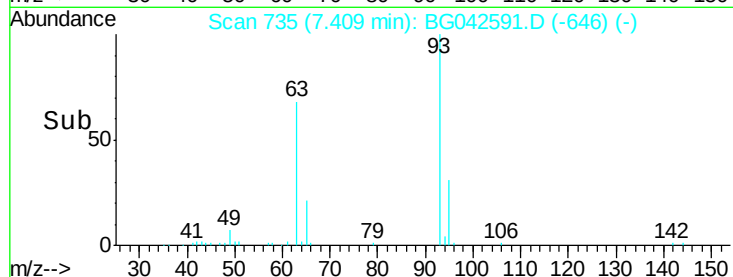
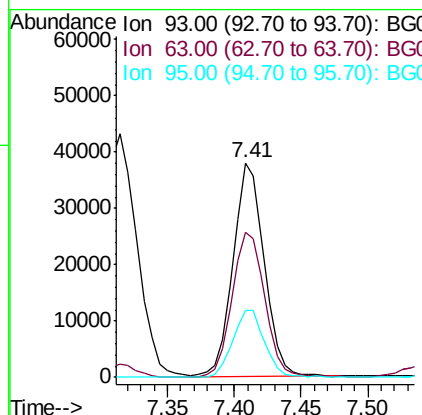
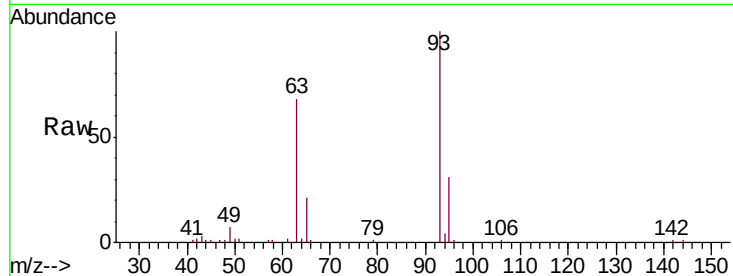




#11
 bis(2-Chloroethyl)ether
 Concen: 36.955 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

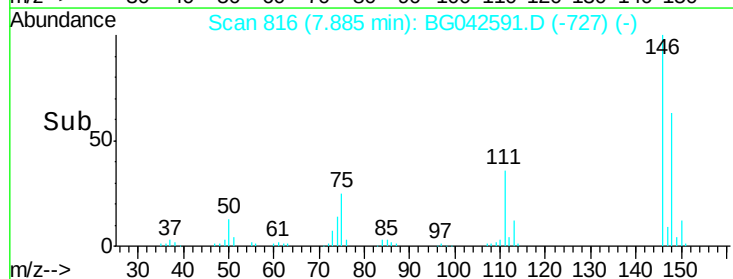
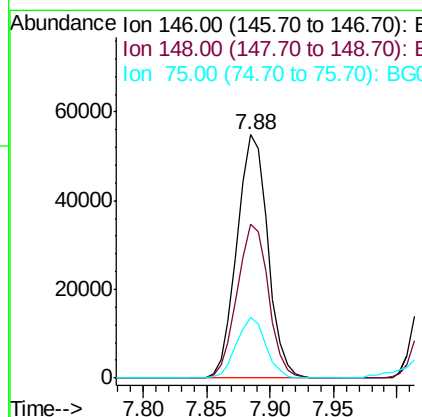
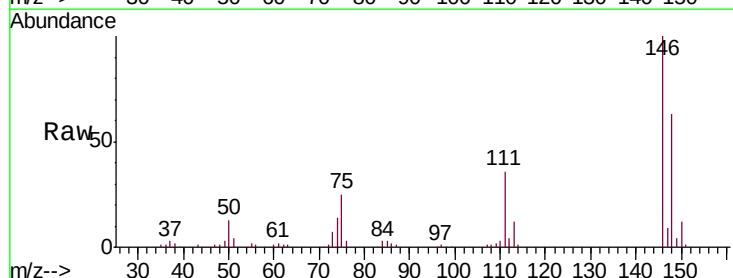
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

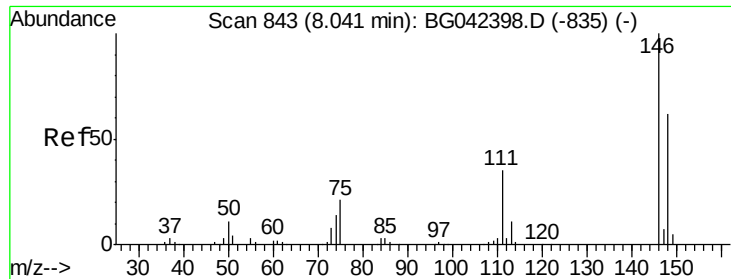
Tgt Ion: 93 Resp: 61414
 Ion Ratio Lower Upper
 93 100
 63 67.9 53.8 93.8
 95 31.3 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 38.893 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion: 146 Resp: 92387
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 75 24.8 18.0 27.0

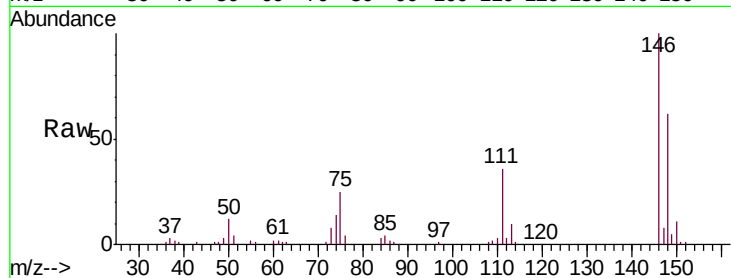




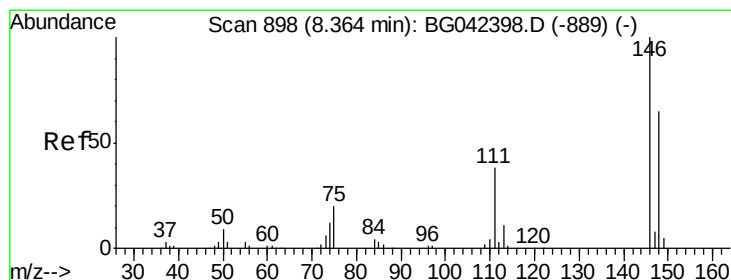
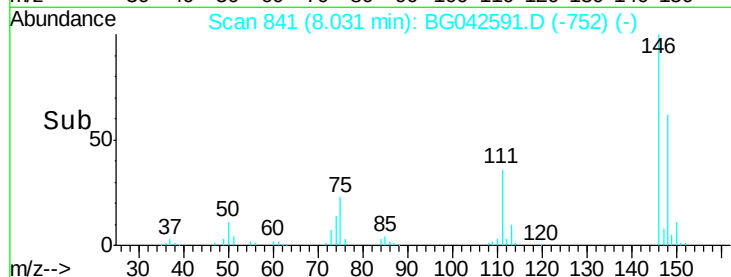
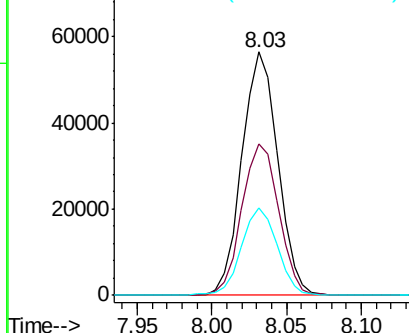
#13
 1,4-Dichlorobenzene
 Concen: 39.070 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tgt Ion:146 Resp: 94008
 Ion Ratio Lower Upper
 146 100
 148 62.3 49.5 74.3
 111 35.9 28.1 42.1

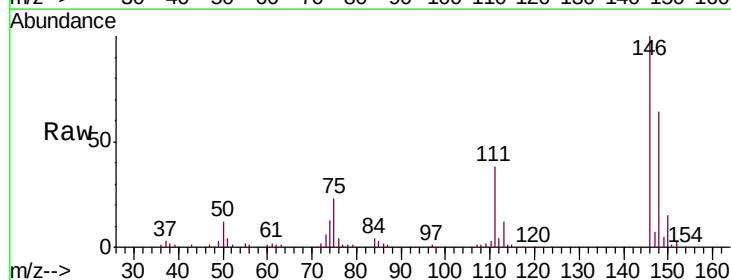


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

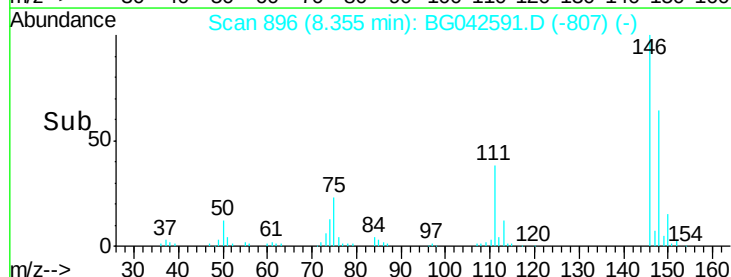
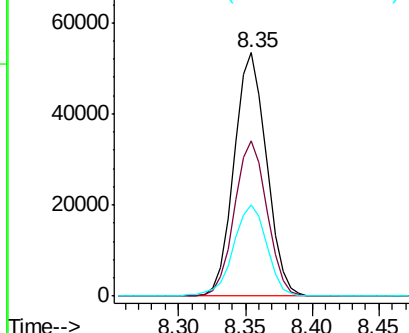


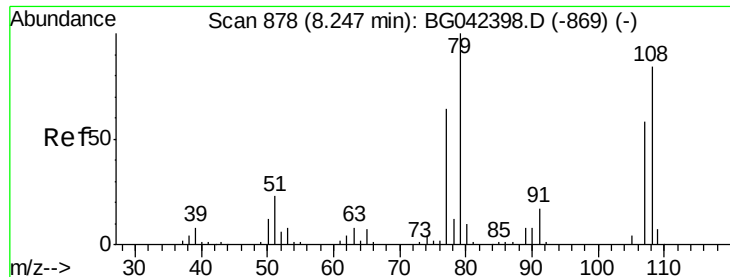
#14
 1,2-Dichlorobenzene
 Concen: 38.932 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion:146 Resp: 89709
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 37.7 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

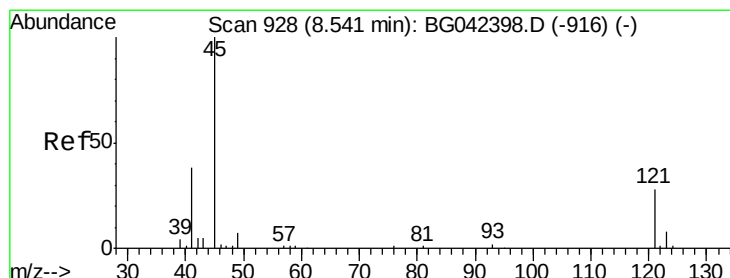
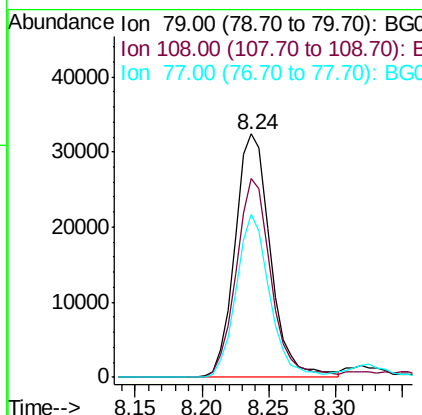
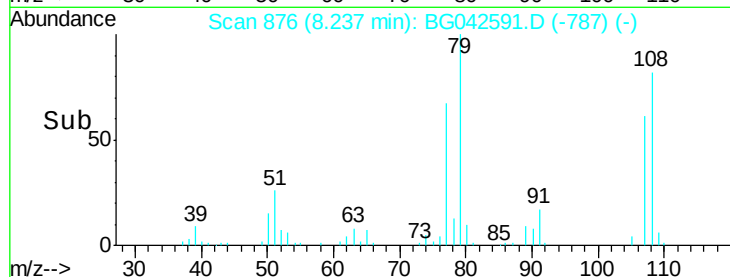
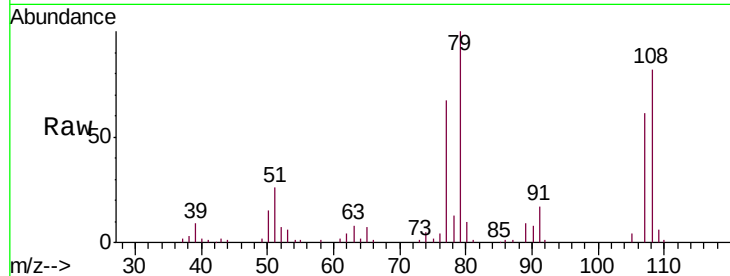




#15
Benzyl Alcohol
Concen: 39.827 ng
RT: 8.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

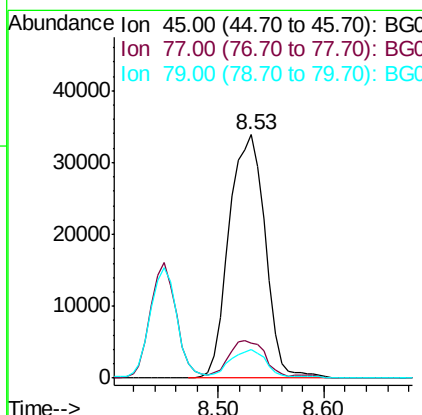
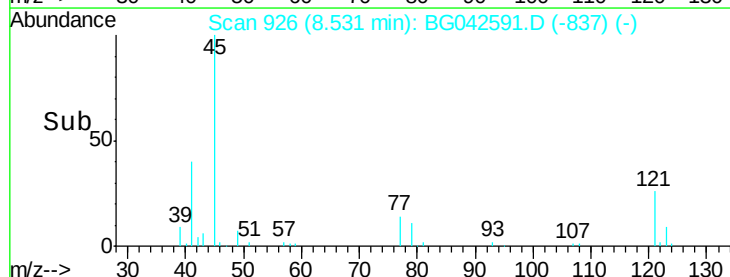
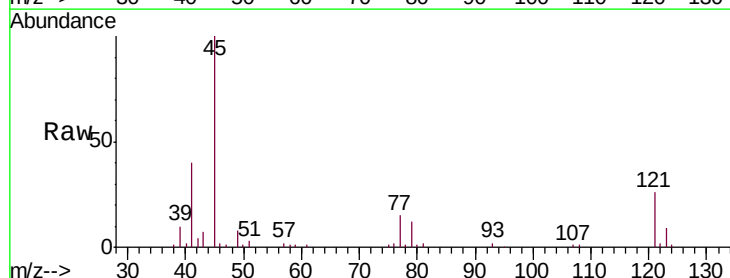
Instrument :
BNA_G
ClientSampleId :
PB122614BS

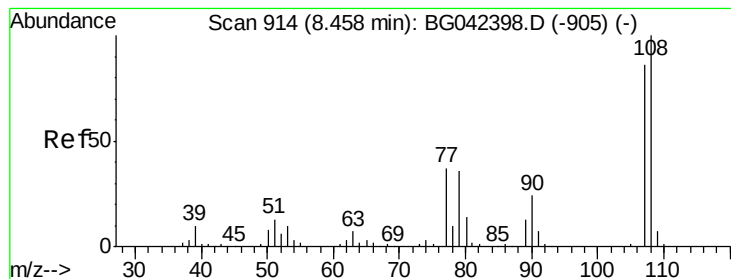
Tgt Ion: 79 Resp: 59634
Ion Ratio Lower Upper
79 100
108 81.5 67.4 101.2
77 67.1 50.8 76.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.616 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion: 45 Resp: 80225
Ion Ratio Lower Upper
45 100
77 14.5 0.0 35.6
79 11.6 0.0 31.6





#17

2-Methylphenol

Concen: 39.474 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

Tgt Ion:107 Resp: 61525

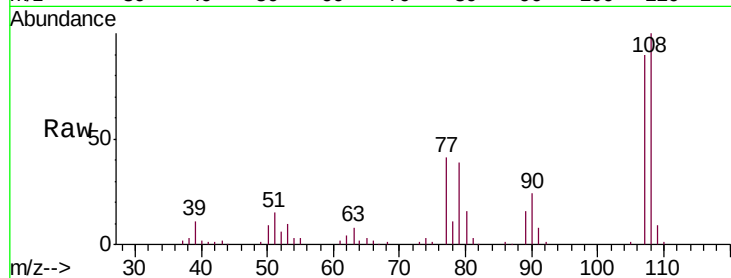
Ion Ratio Lower Upper

107 100

108 111.5 92.9 139.3

77 45.3 34.4 51.6

79 43.5 33.8 50.6

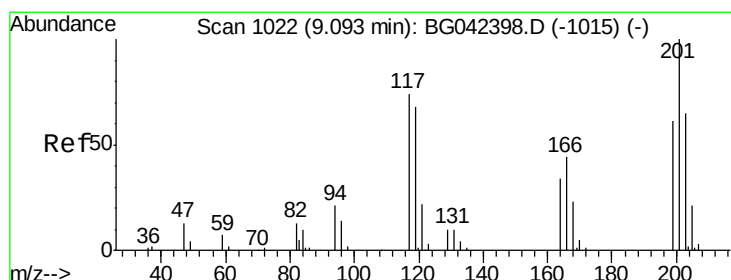
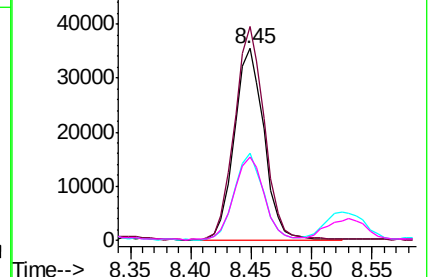
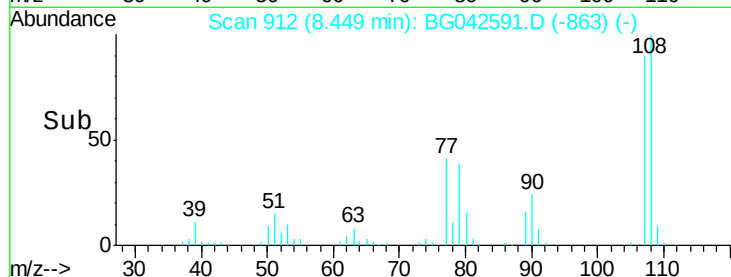


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.389 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

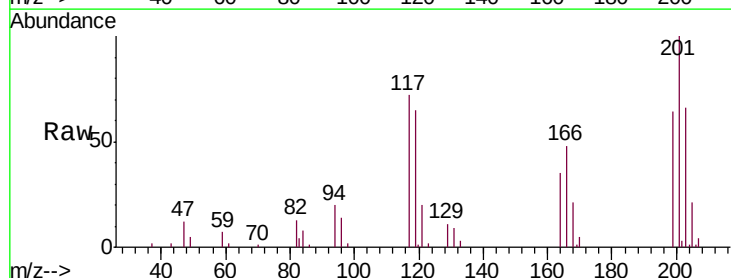
Tgt Ion:117 Resp: 31622

Ion Ratio Lower Upper

117 100

119 90.6 73.8 110.8

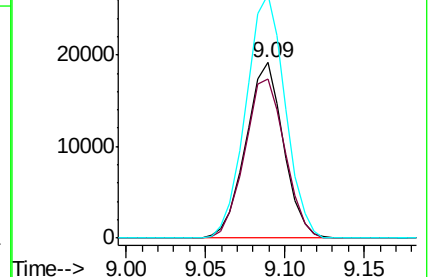
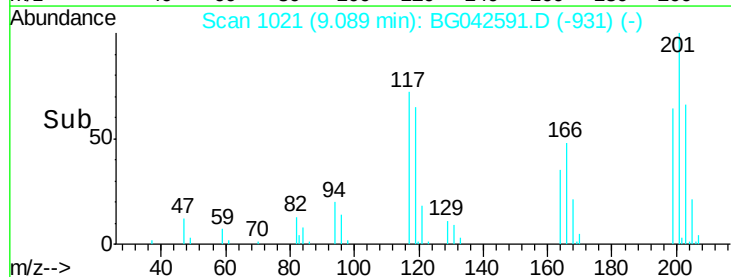
201 138.9 108.3 162.5

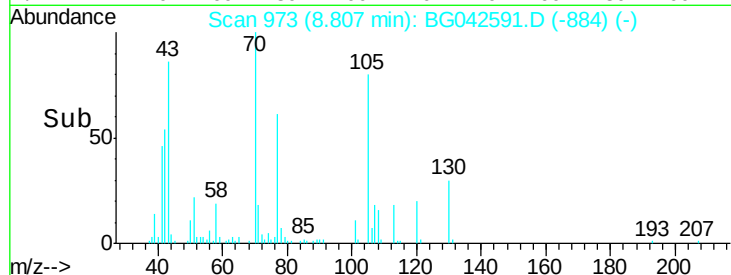
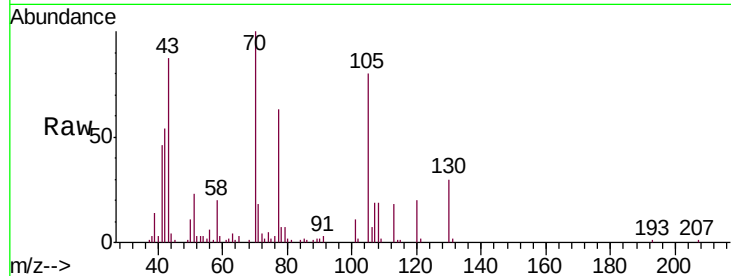
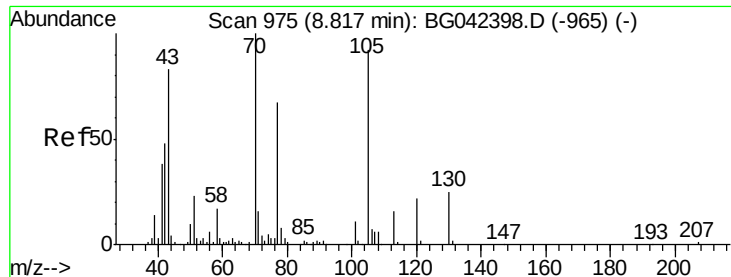


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

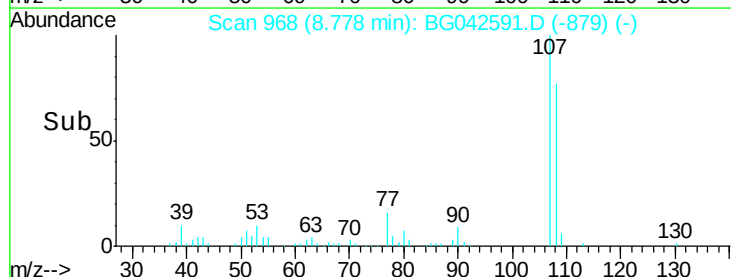
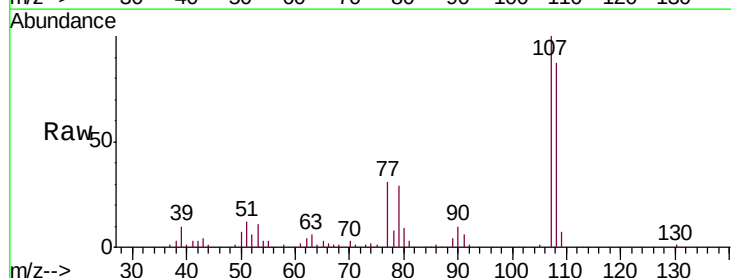
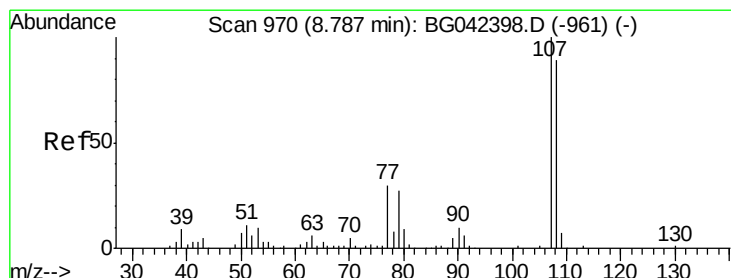
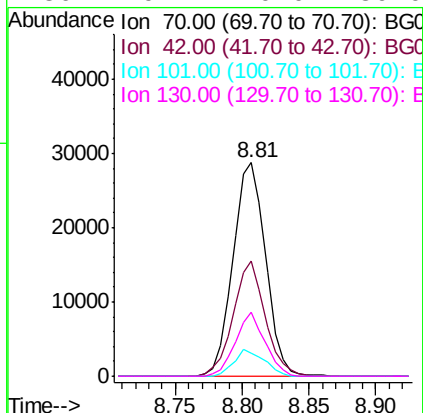




#19
n-Nitroso-di-n-propylamine
Concen: 36.095 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

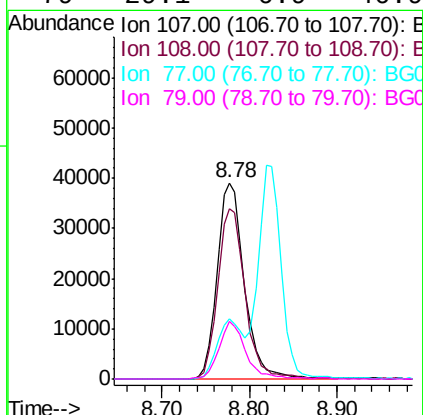
Instrument :
BNA_G
ClientSampleId :
PB122614BS

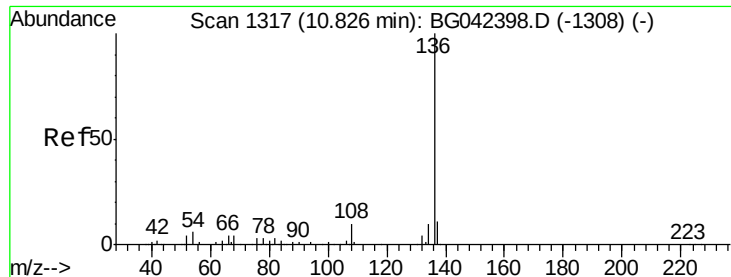
Tgt Ion:	70	Resp:	48668
Ion	Ratio	Lower	Upper
70	100		
42	54.1	38.8	58.2
101	10.7	9.0	13.6
130	29.7	20.0	30.0



#20
3+4-Methylphenols
Concen: 38.956 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion:	107	Resp:	84018
Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.7	108.7
77	30.9	10.2	50.2
79	29.1	6.9	46.9

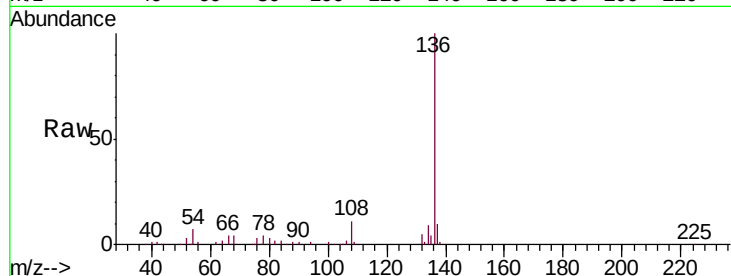




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tgt Ion:	136	Resp:	124038
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	7.1	4.9	7.3
68	3.7	3.6	5.4



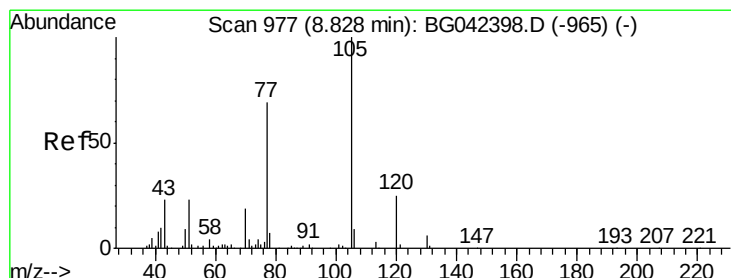
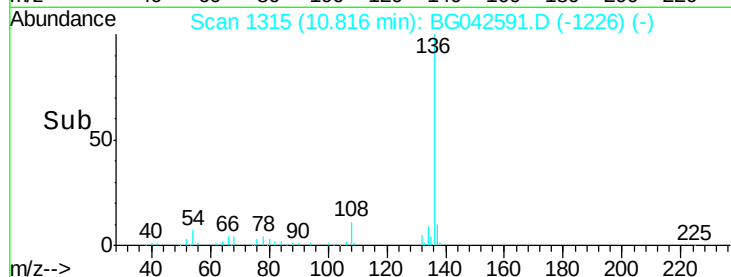
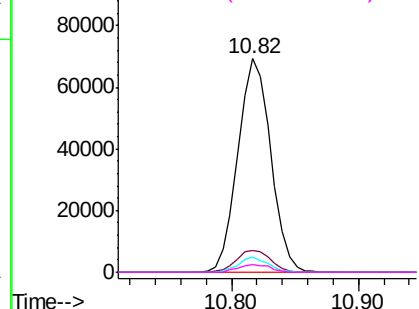
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

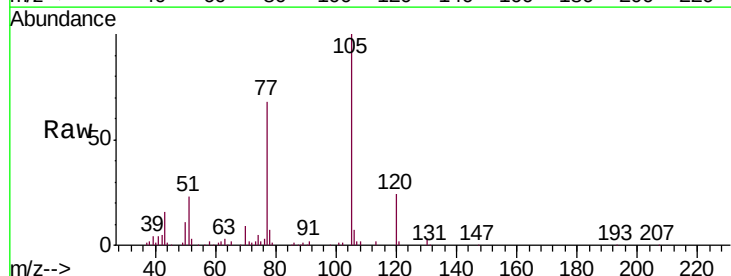
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.175 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion:	105	Resp:	109235
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.8	4.2#
51	23.1	18.7	28.1
120	23.7	20.1	30.1



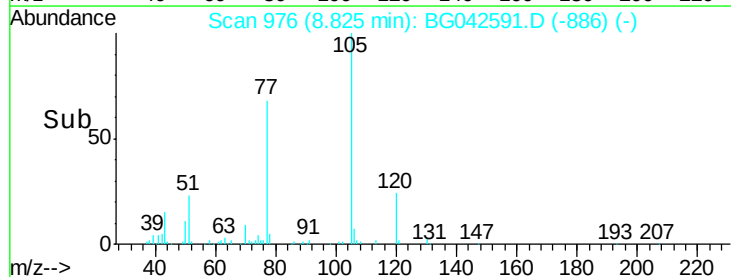
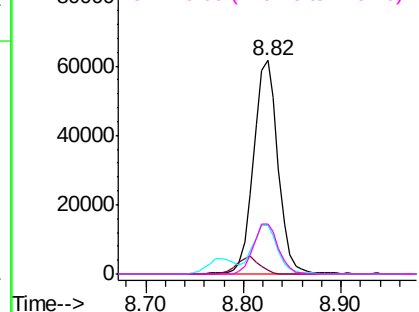
Abundance

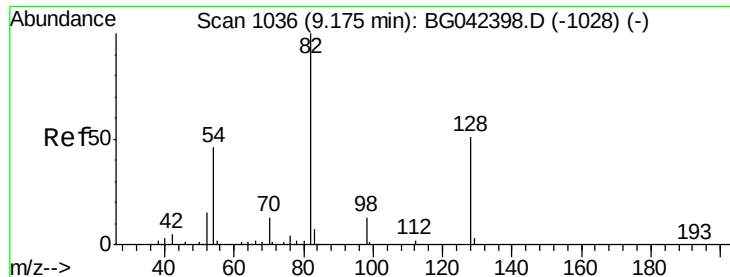
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

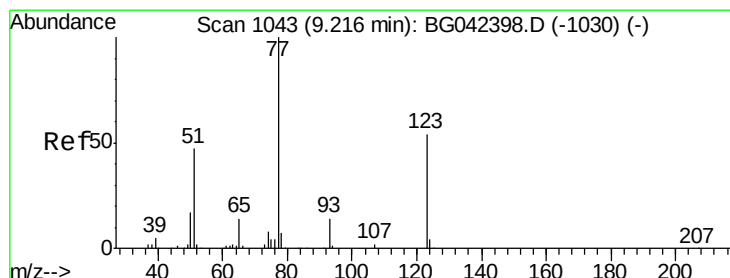
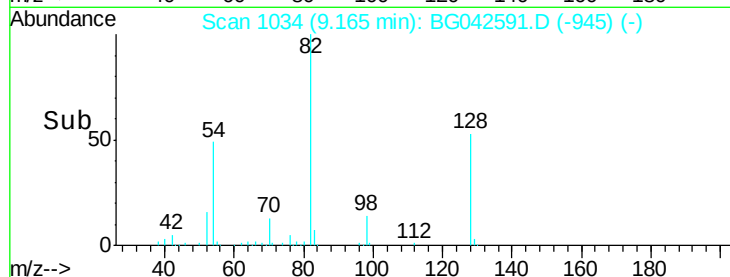
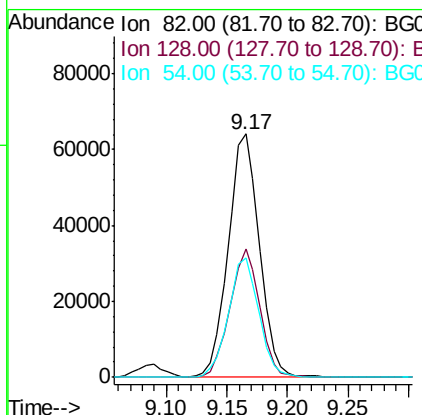
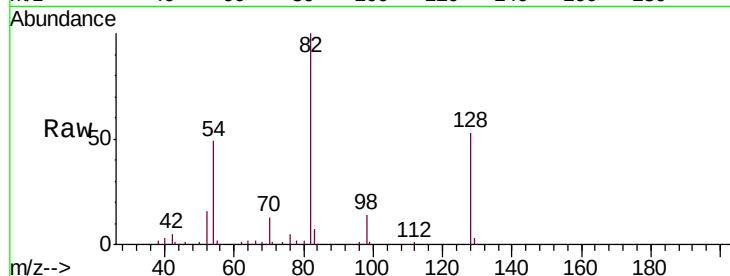




#23
 Nitrobenzene-d5
 Concen: 64.238 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

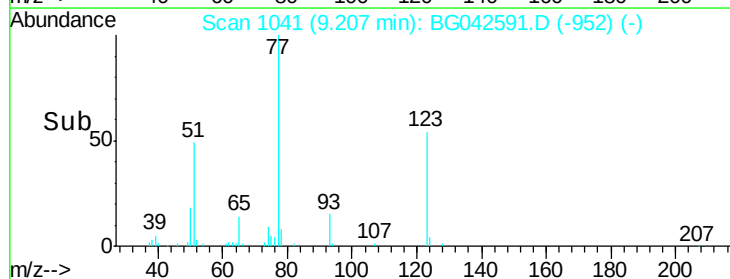
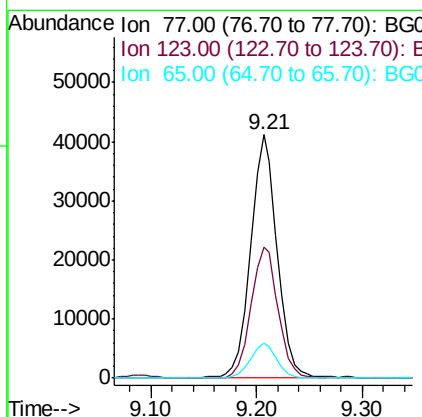
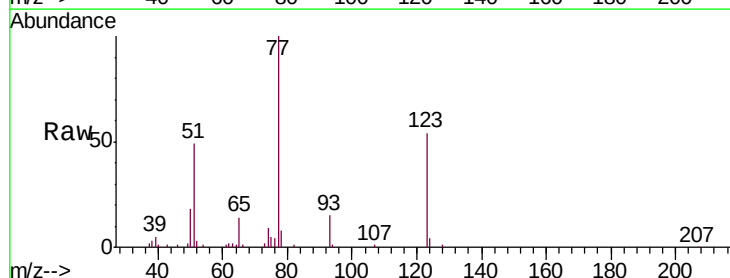
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

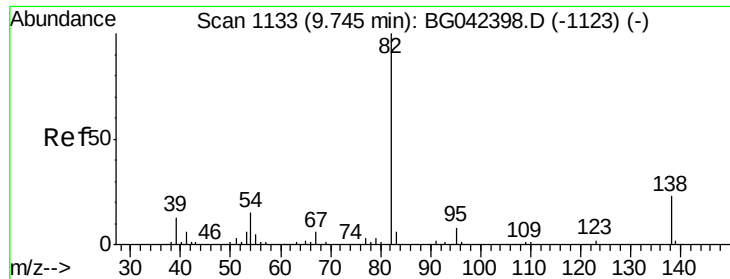
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.7	61.1
54	49.2	36.3	54.5



#24
 Nitrobenzene
 Concen: 39.597 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.6	43.4	65.0
65	14.2	11.0	16.6





#25

Isophorone

Concen: 37.310 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

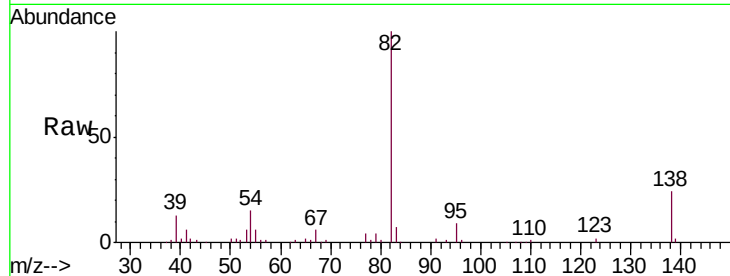
Tgt Ion: 82 Resp: 132166

Ion Ratio Lower Upper

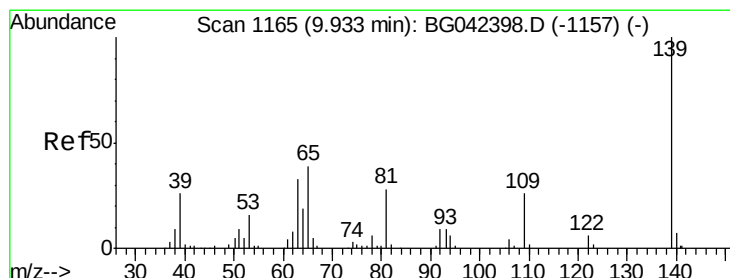
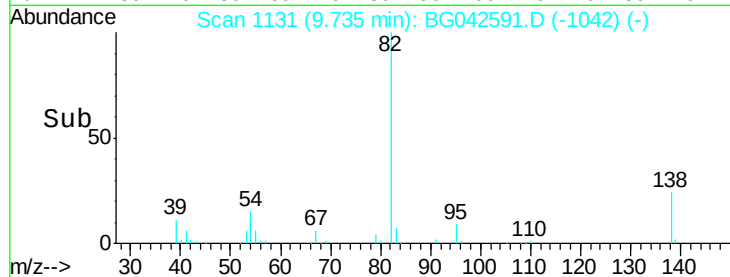
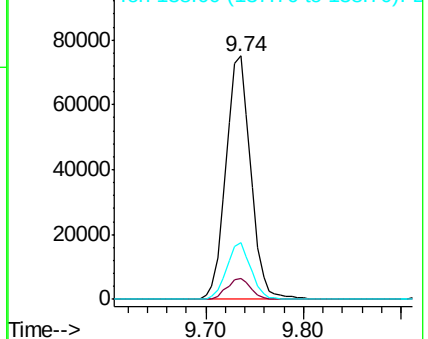
82 100

95 8.7 6.6 9.8

138 23.5 18.6 27.8



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



#26

2-Nitrophenol

Concen: 41.636 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

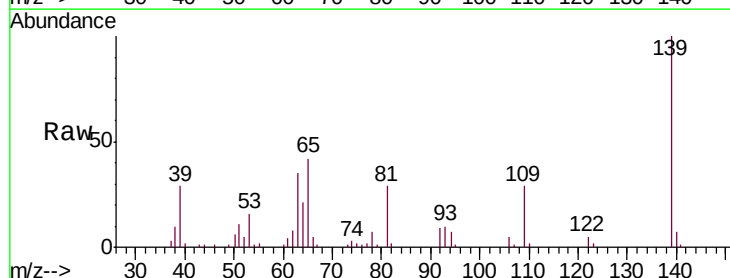
Tgt Ion: 139 Resp: 47425

Ion Ratio Lower Upper

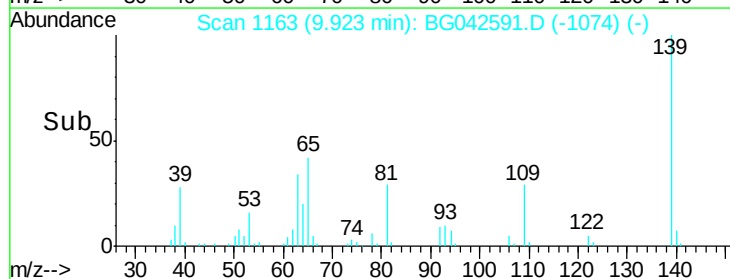
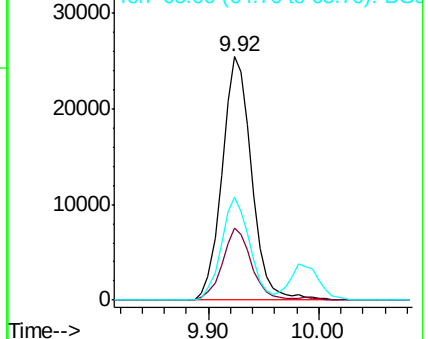
139 100

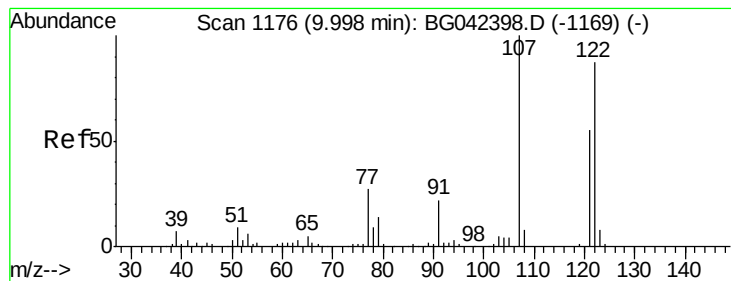
109 29.4 20.5 30.7

65 42.4 30.9 46.3



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





#27

2,4-Dimethylphenol

Concen: 45.469 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

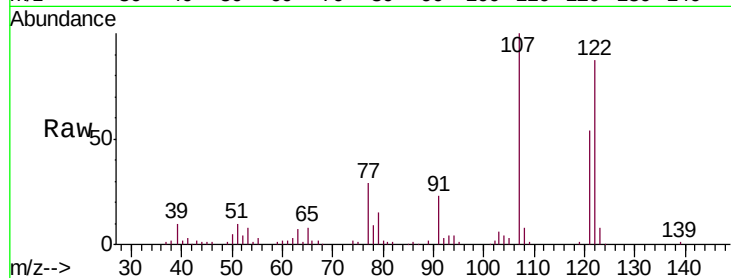
Tgt Ion: 122 Resp: 71343

Ion Ratio Lower Upper

122 100

107 114.7 90.8 136.2

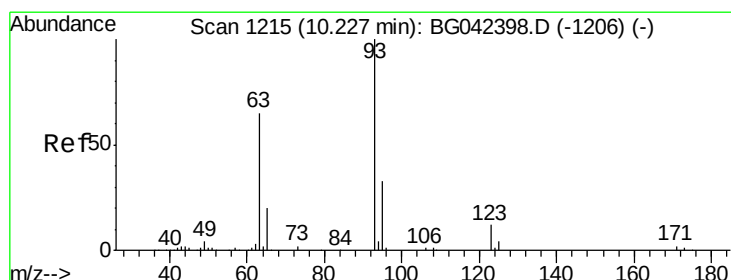
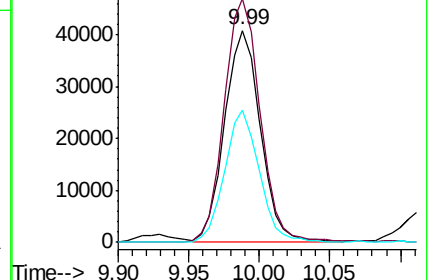
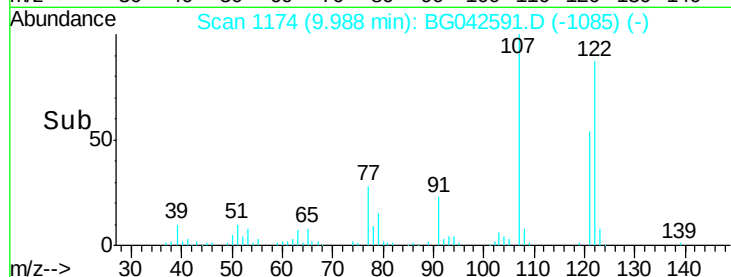
121 62.5 49.6 74.4



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: 37.119 ng

RT: 10.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

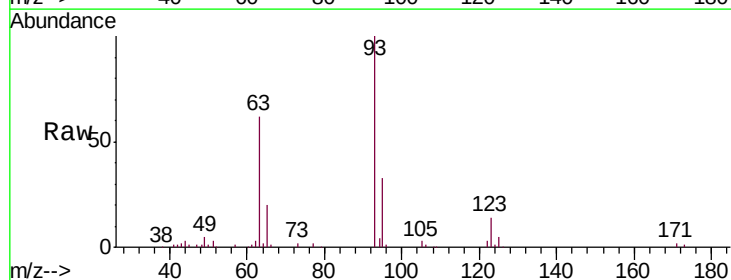
Tgt Ion: 93 Resp: 82875

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

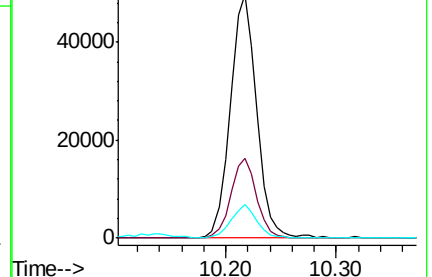
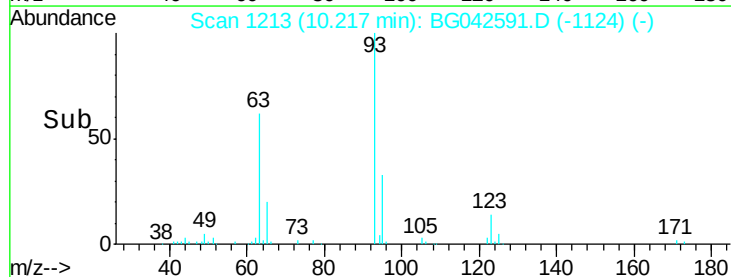
123 13.6 10.1 15.1

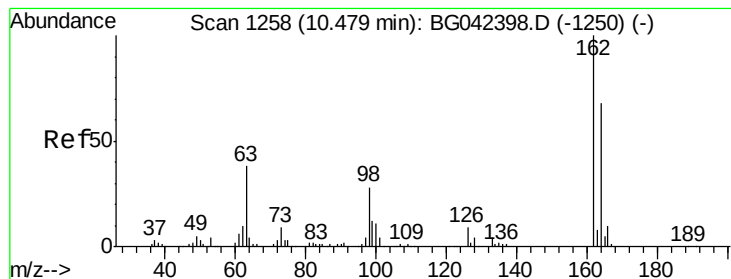


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.936 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

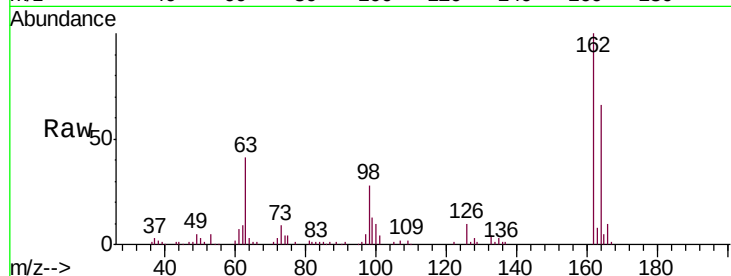
Tgt Ion:162 Resp: 88141

Ion Ratio Lower Upper

162 100

164 66.1 48.1 88.1

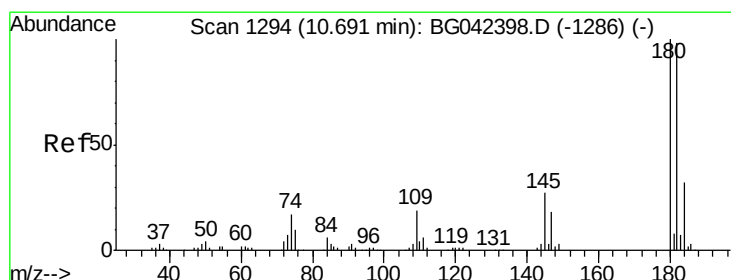
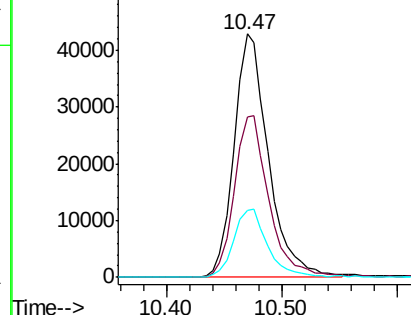
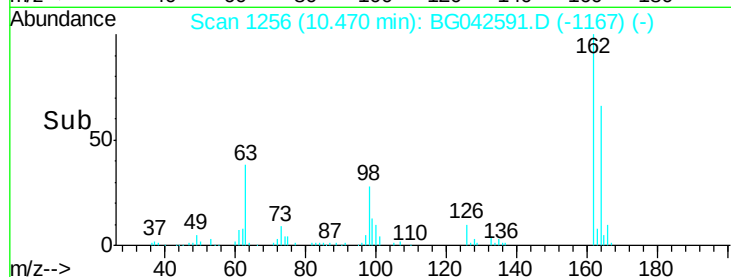
98 27.6 7.6 47.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 40.987 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

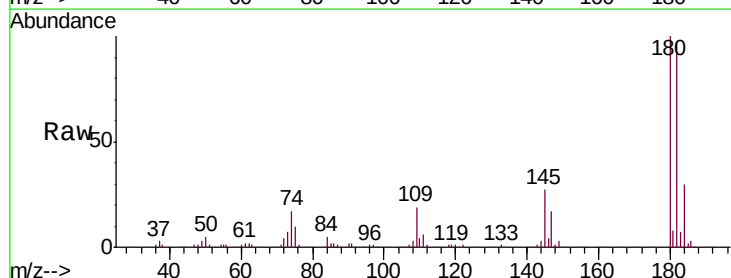
Tgt Ion:180 Resp: 103277

Ion Ratio Lower Upper

180 100

182 96.8 78.7 118.1

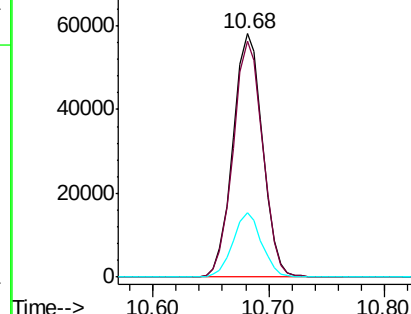
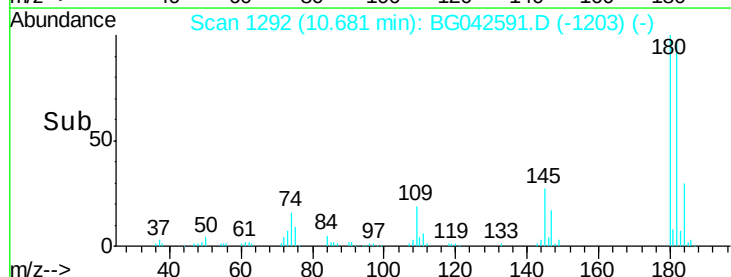
145 26.7 21.6 32.4

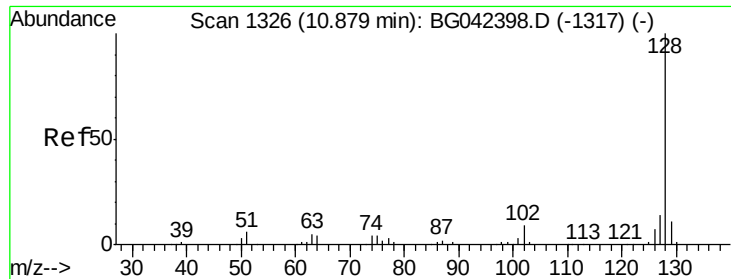


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

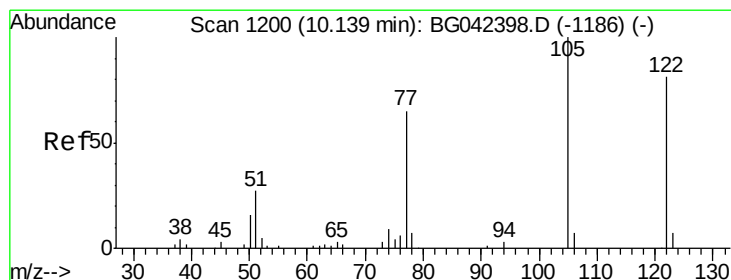
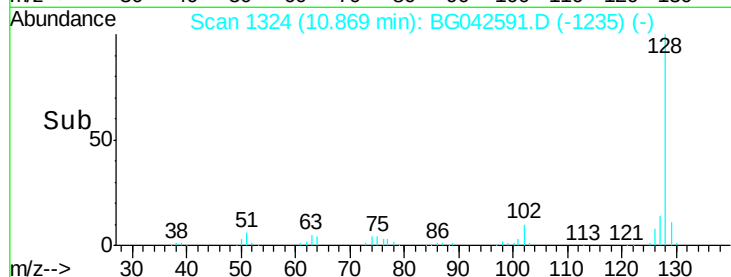
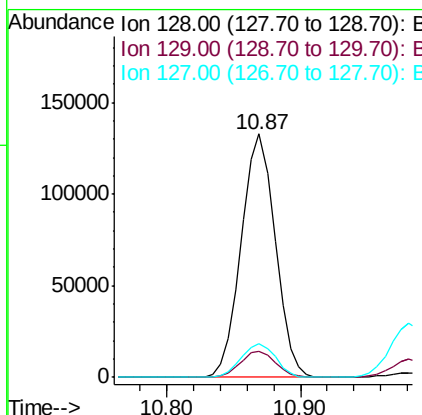
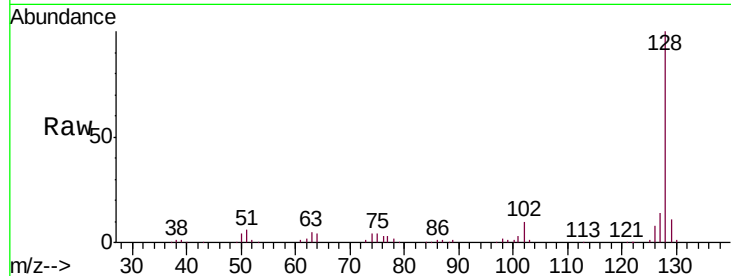




#31
Naphthalene
Concen: 40.723 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

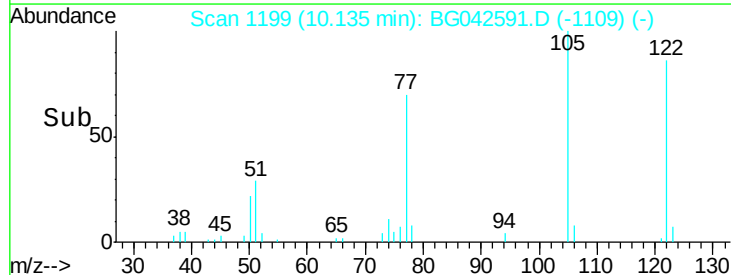
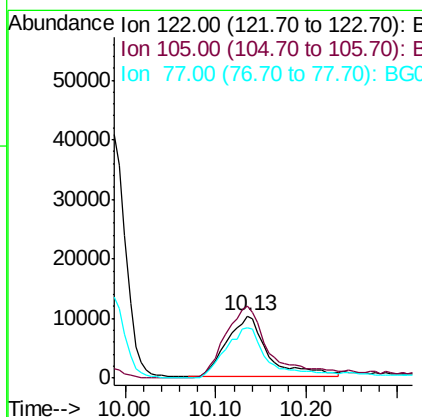
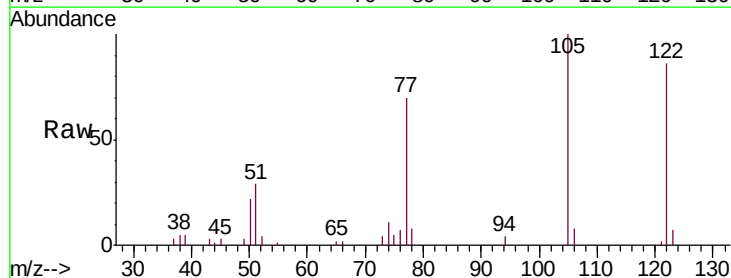
Instrument :
BNA_G
ClientSampleId :
PB122614BS

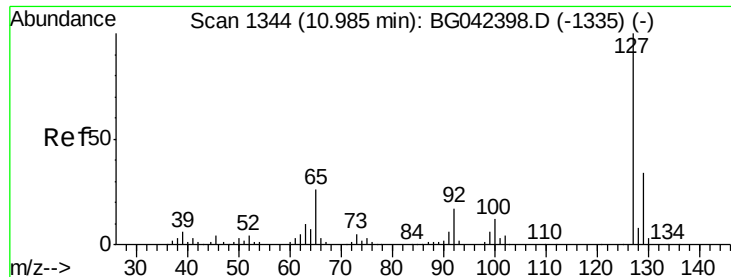
Tgt Ion:128 Resp: 234514
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 31.696 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion:122 Resp: 32286
Ion Ratio Lower Upper
122 100
105 116.2 99.6 139.6
77 80.8 59.5 99.5

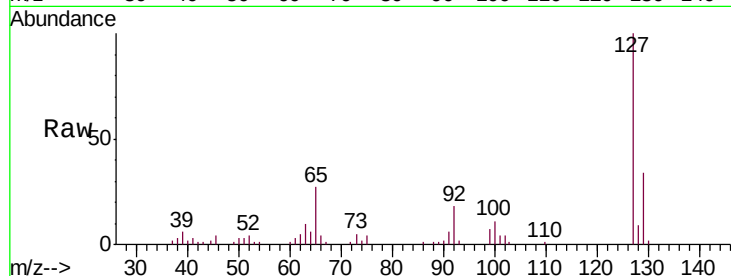




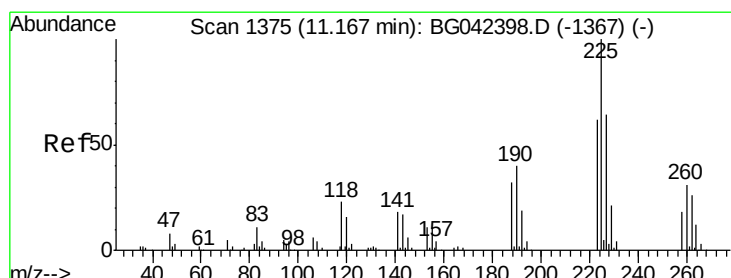
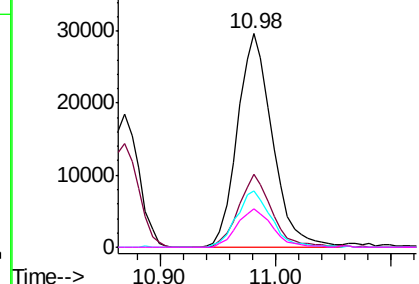
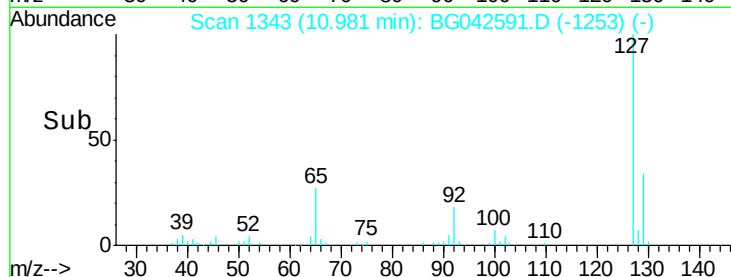
#33
4-Chloroaniline
Concen: 23.420 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tgt Ion:	127	Resp:	62260
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.8	40.2
65	26.6	20.7	31.1
92	18.1	13.6	20.4

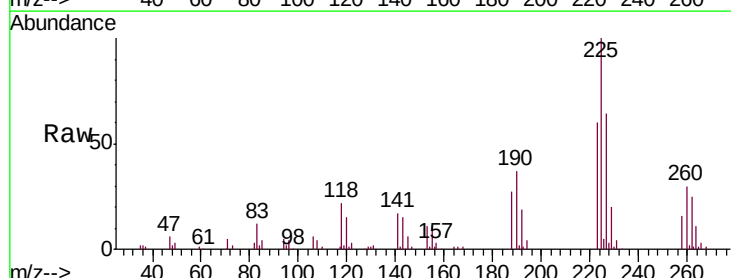


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

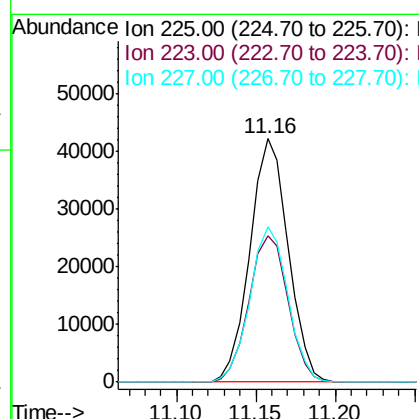
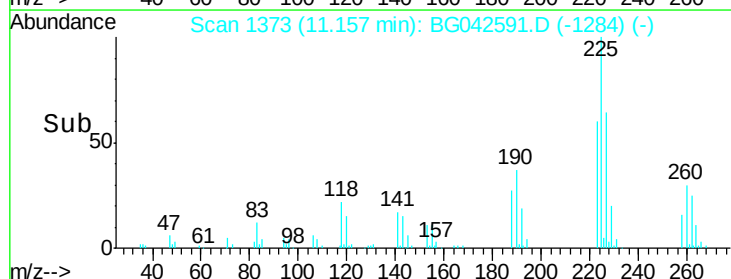


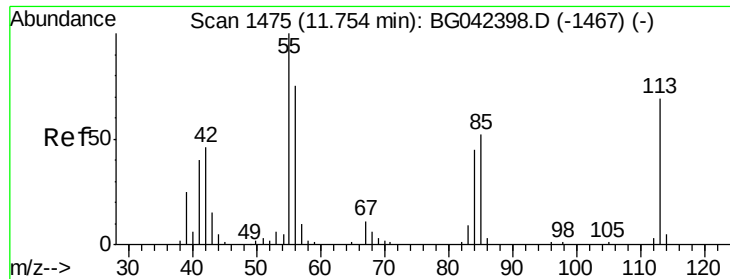
#34
Hexachlorobutadiene
Concen: 41.882 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion:	225	Resp:	70925
Ion	Ratio	Lower	Upper
225	100		
223	60.2	49.8	74.6
227	63.9	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

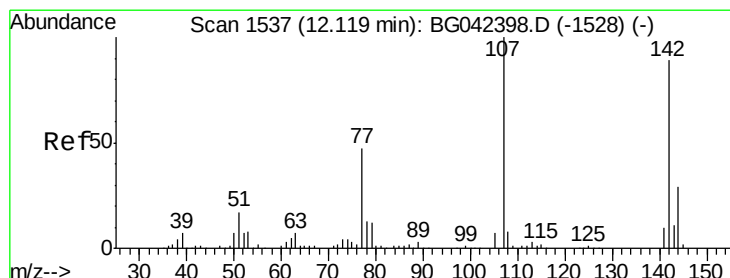
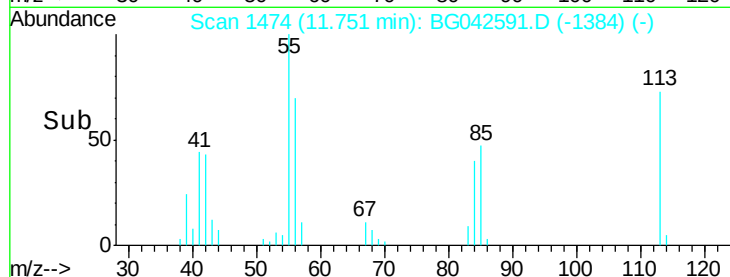
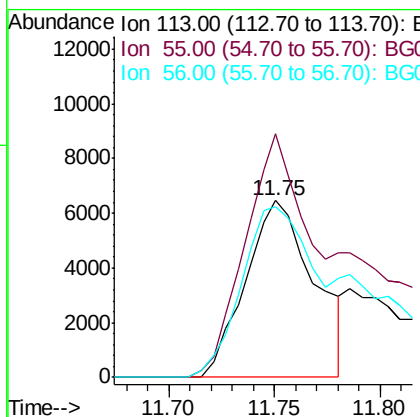
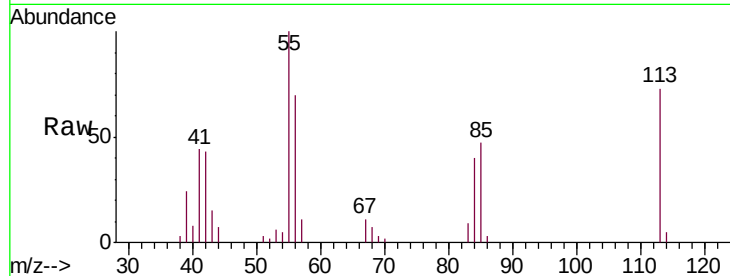




#35
 Caprolactam
 Concen: 21.213 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

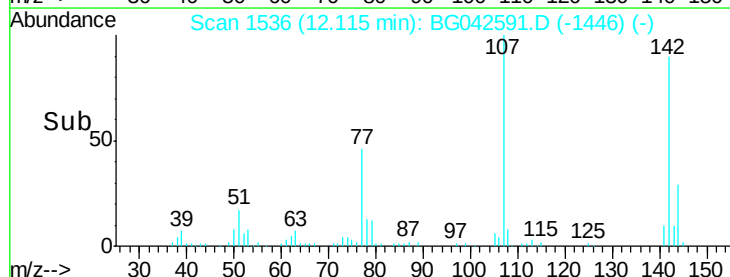
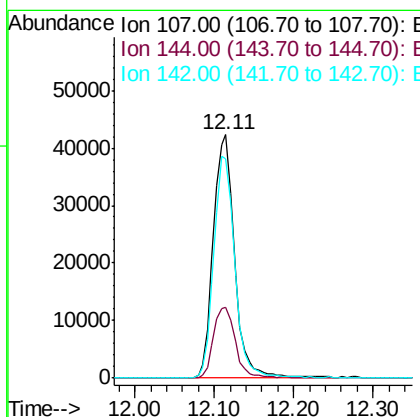
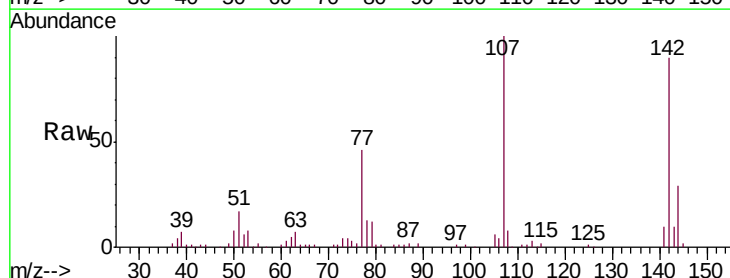
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

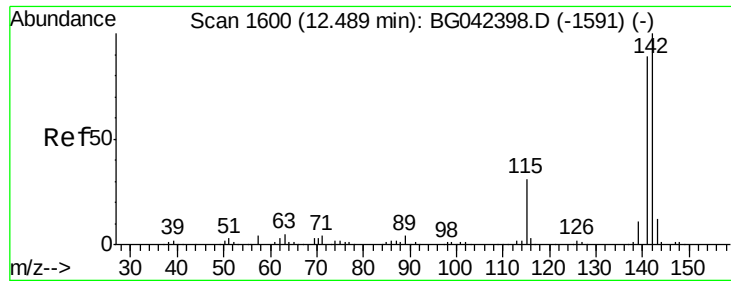
Tgt Ion:113 Resp: 14531
 Ion Ratio Lower Upper
 113 100
 55 137.6 124.6 164.6
 56 96.3 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.451 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion:107 Resp: 78830
 Ion Ratio Lower Upper
 107 100
 144 29.2 23.6 35.4
 142 90.2 71.0 106.4

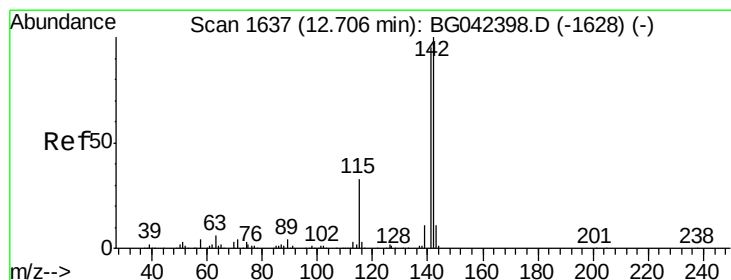
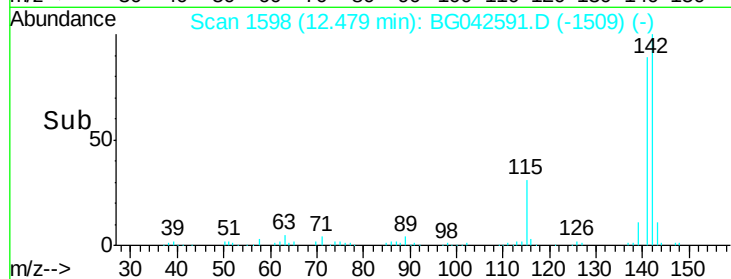
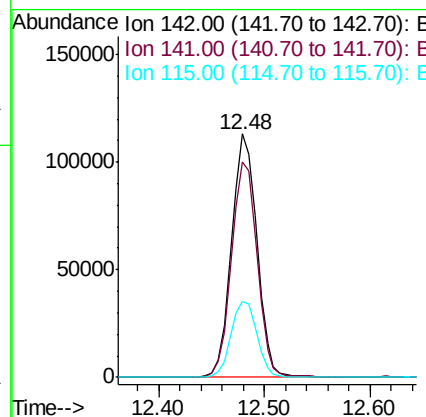
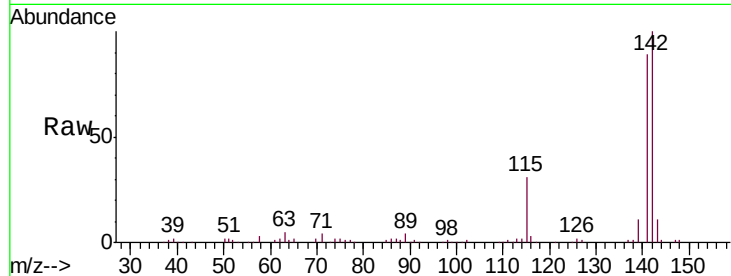




#37
 2-Methylnaphthalene
 Concen: 40.544 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

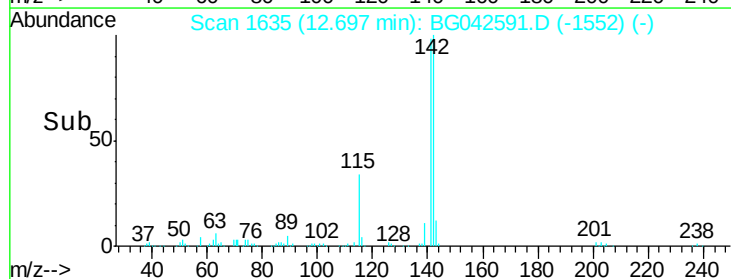
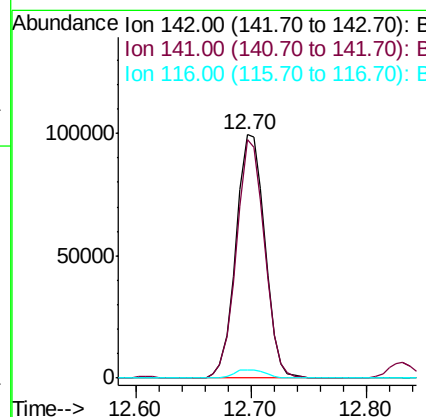
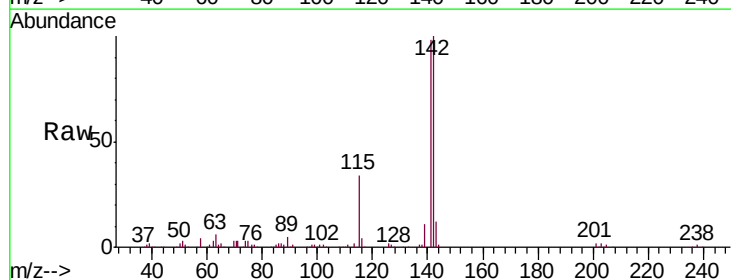
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

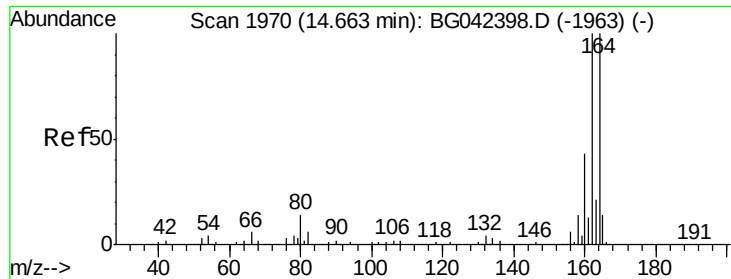
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	31.3	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 39.267 ng
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.9	76.2	114.2
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

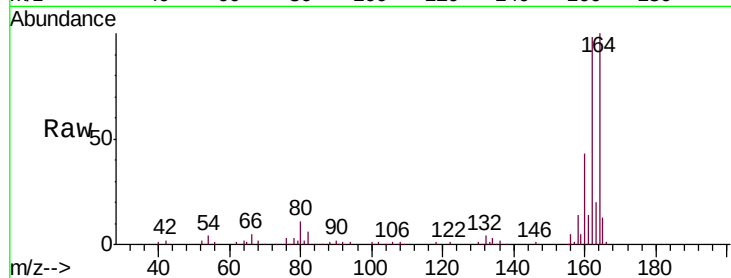
Tgt Ion:164 Resp: 91994

Ion Ratio Lower Upper

164 100

162 98.1 79.9 119.9

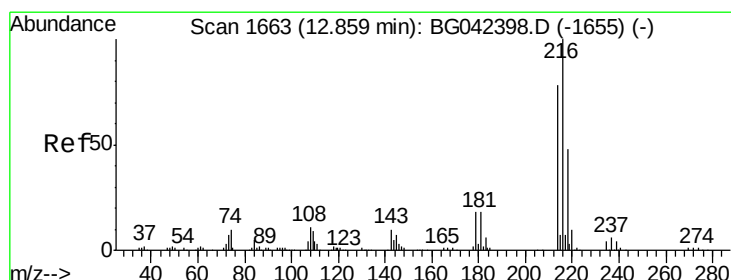
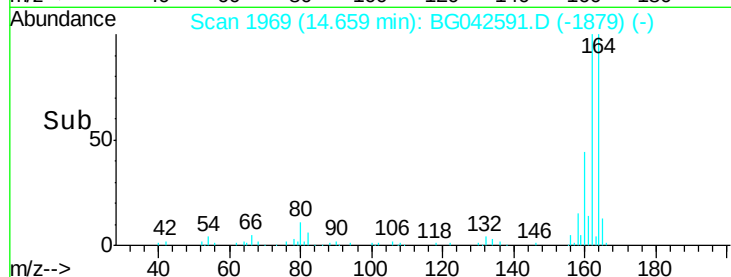
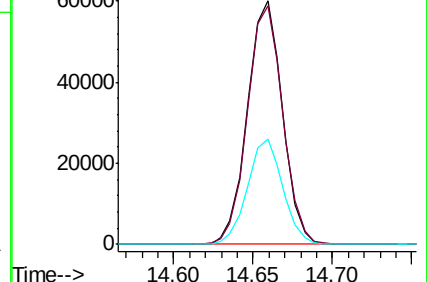
160 43.4 34.3 51.5



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: 44.054 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Tgt Ion:216 Resp: 130146

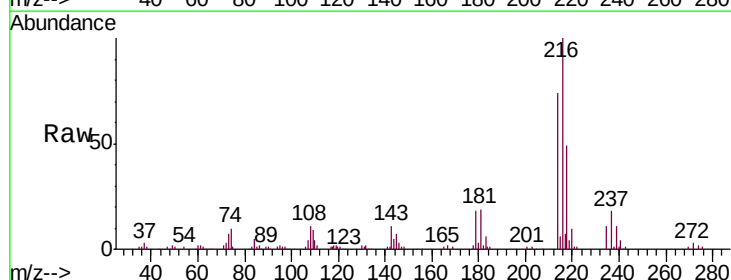
Ion Ratio Lower Upper

216 100

214 75.5 61.4 92.2

179 18.1 15.1 22.7

108 12.2 9.4 14.0

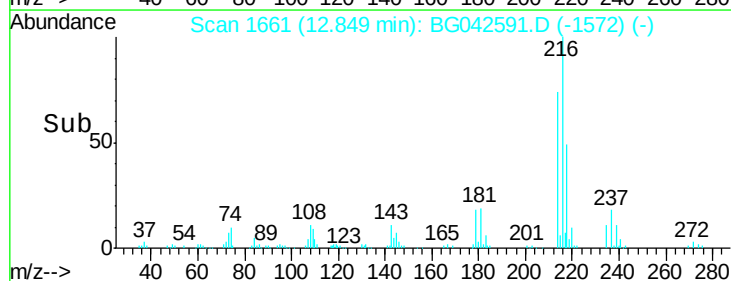
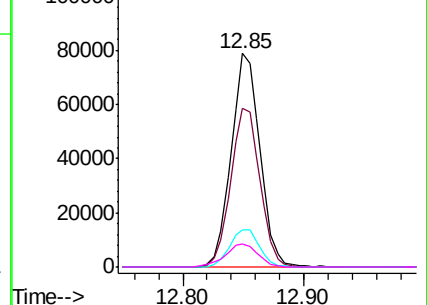


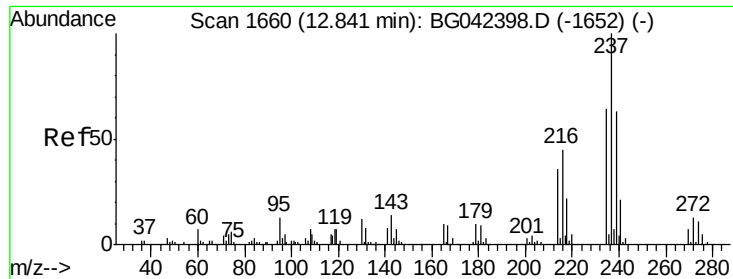
Abundance Ion 216.00 (215.70 to 216.70): E

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

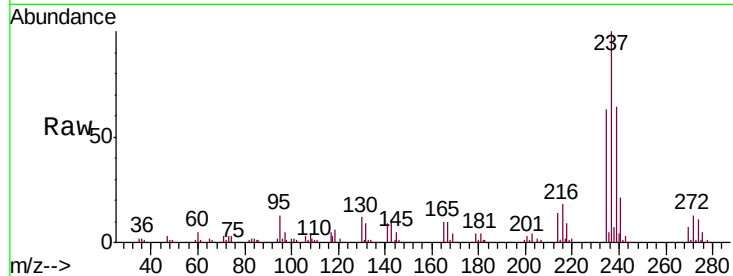




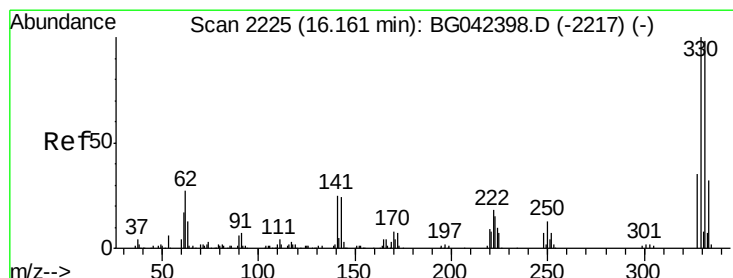
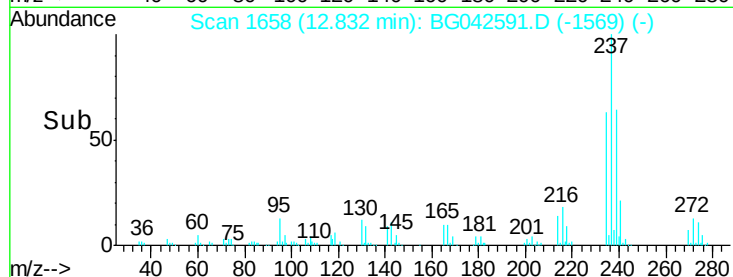
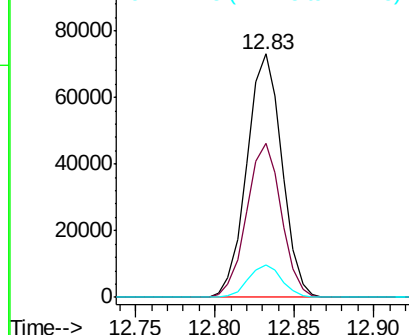
#41
Hexachlorocyclopentadiene
Concen: 72.263 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleID :
PB122614BS

Tgt Ion: 237 Resp: 112141
Ion Ratio Lower Upper
237 100
235 63.2 43.7 83.7
272 13.5 0.0 33.3

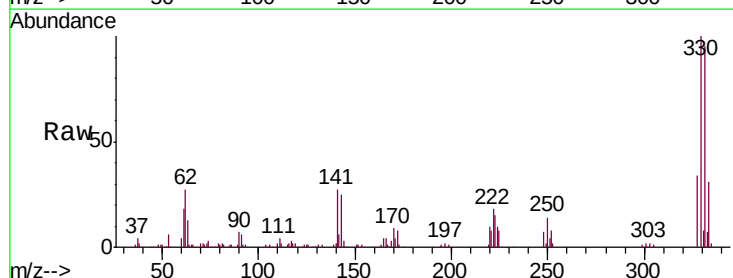


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

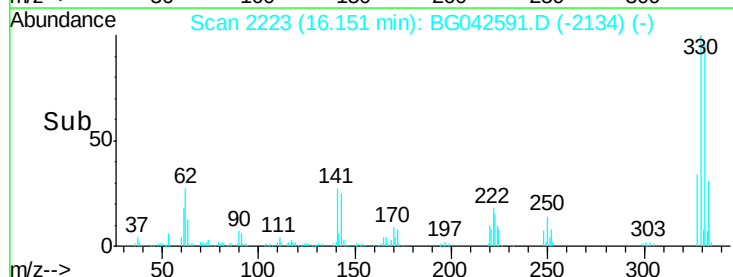
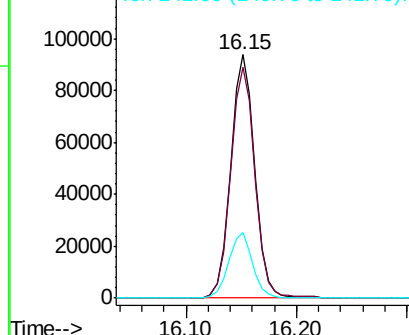


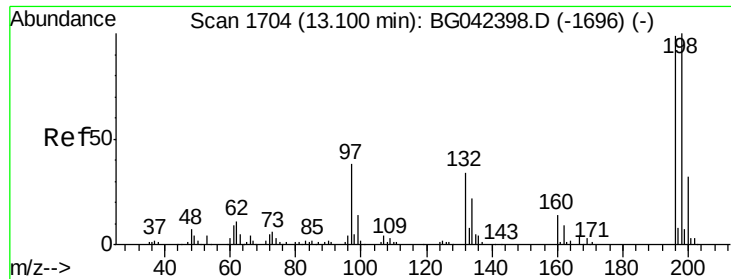
#42
2,4,6-Tribromophenol
Concen: 109.380 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion: 330 Resp: 143019
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 26.6 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

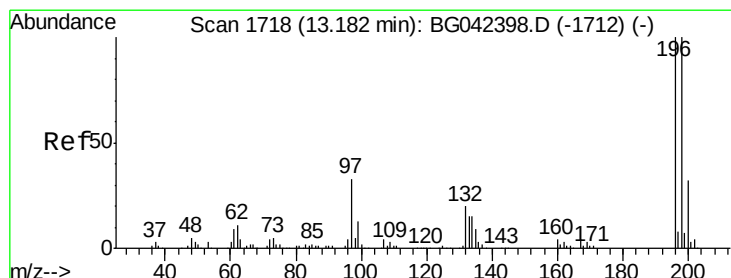
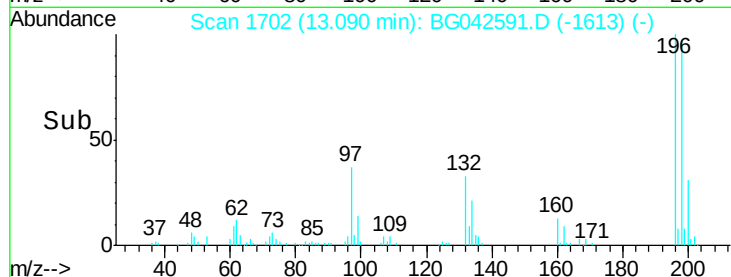
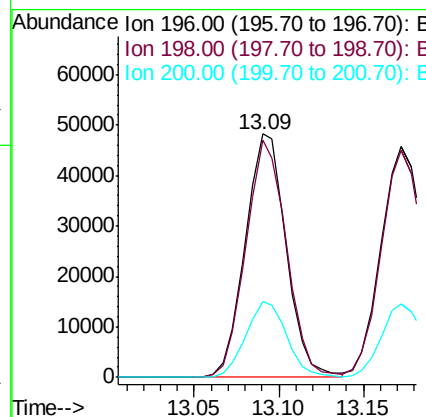
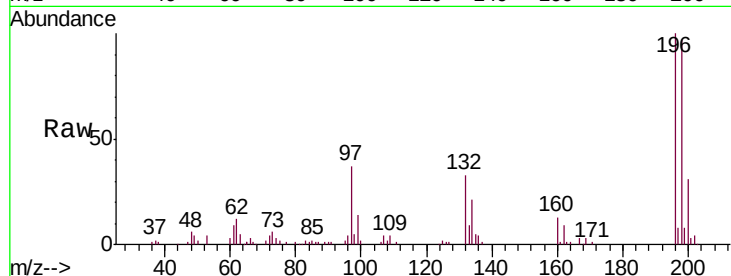




#43
 2,4,6-Trichlorophenol
 Concen: 40.768 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

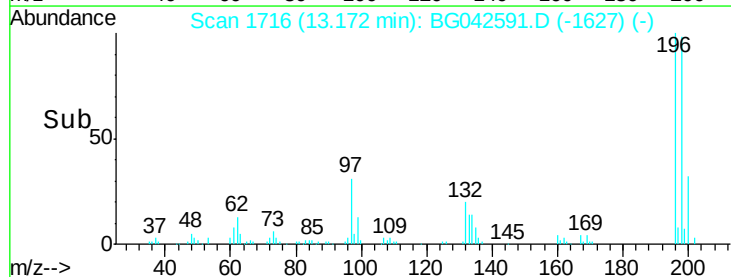
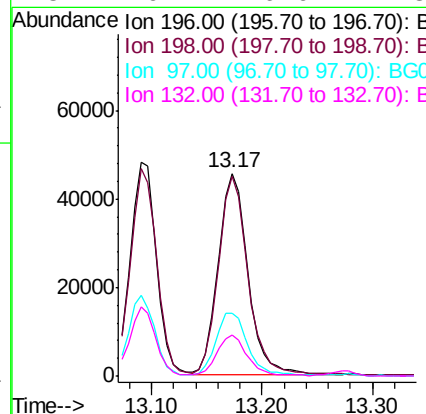
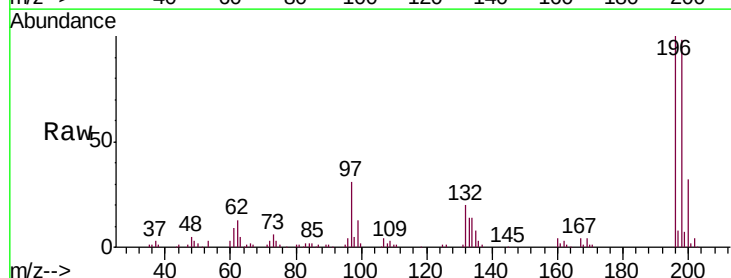
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

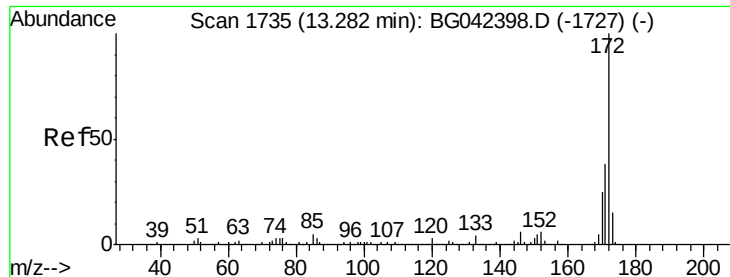
Tgt Ion:196 Resp: 81408
 Ion Ratio Lower Upper
 196 100
 198 97.3 80.7 121.1
 200 31.2 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.224 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion:196 Resp: 85307
 Ion Ratio Lower Upper
 196 100
 198 98.4 80.2 120.4
 97 30.8 26.3 39.5
 132 20.2 16.6 24.8

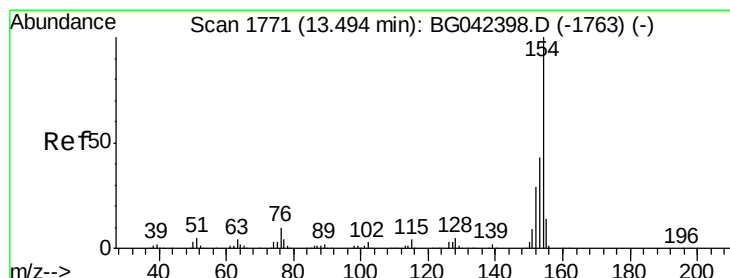
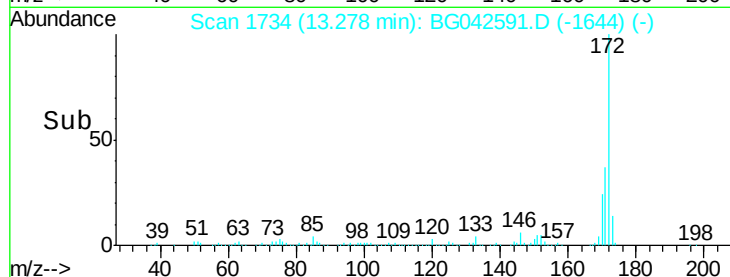
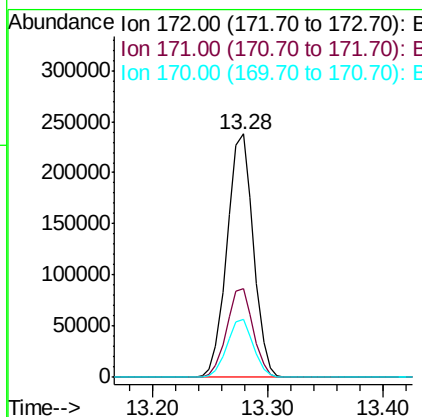
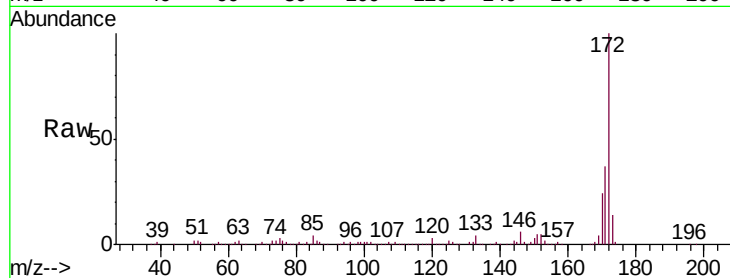




#45
 2-Fluorobiphenyl
 Concen: 68.840 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

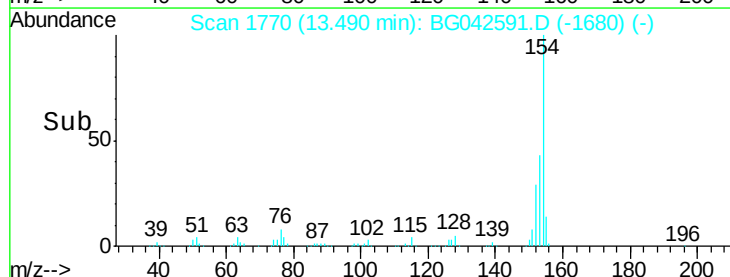
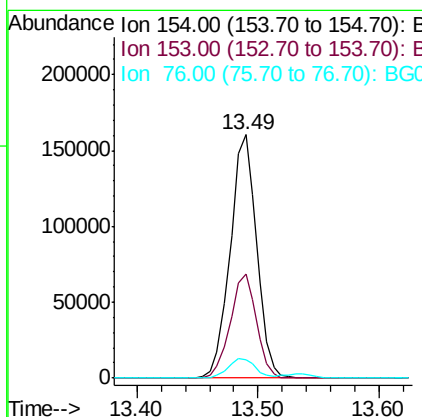
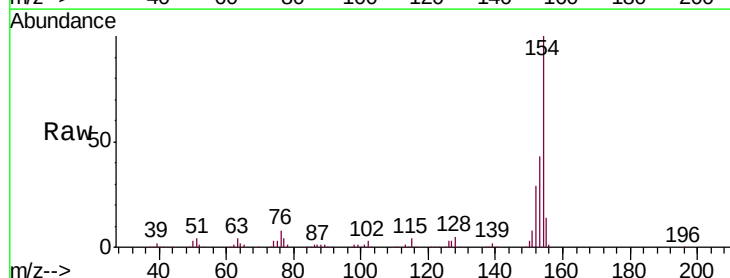
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

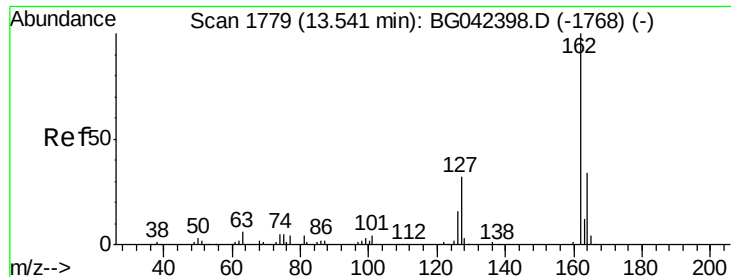
Tgt Ion:172 Resp: 374440
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 23.9 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 41.120 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion:154 Resp: 244520
 Ion Ratio Lower Upper
 154 100
 153 43.0 23.0 63.0
 76 7.7 0.0 29.6

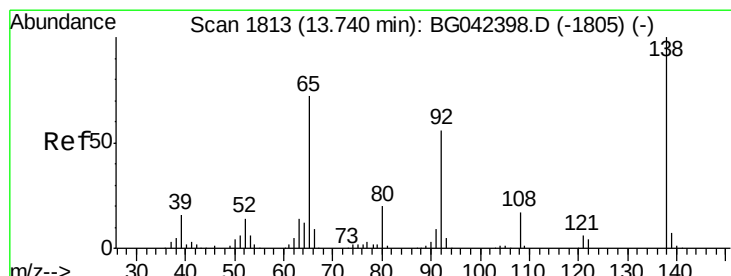
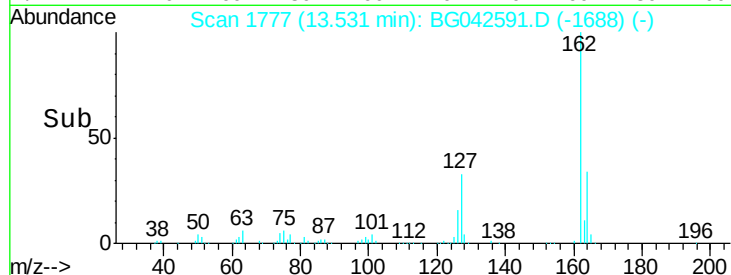
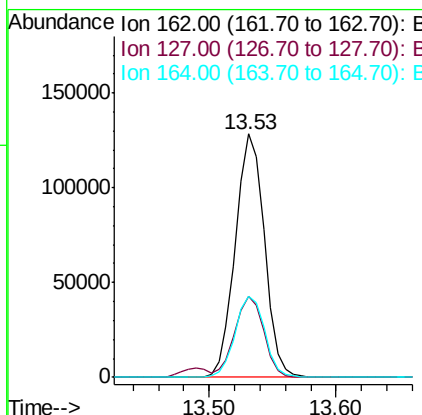
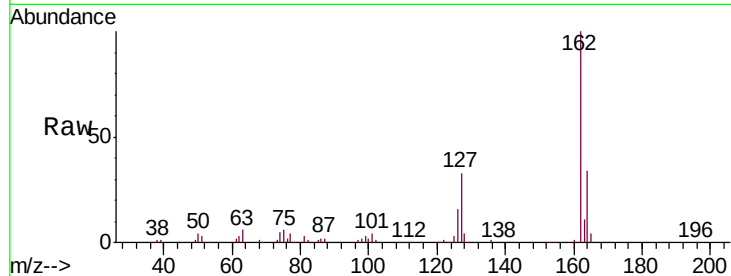




#47
 2-Chloronaphthalene
 Concen: 39.672 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

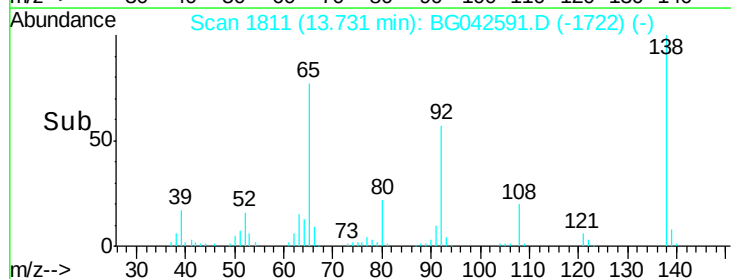
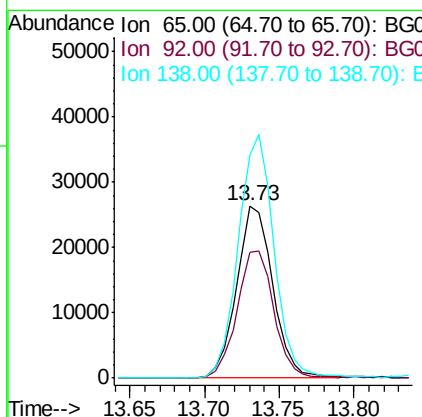
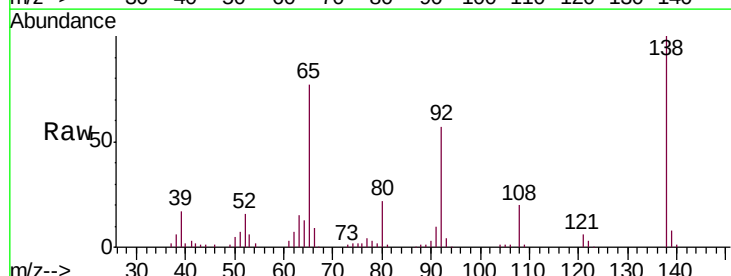
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

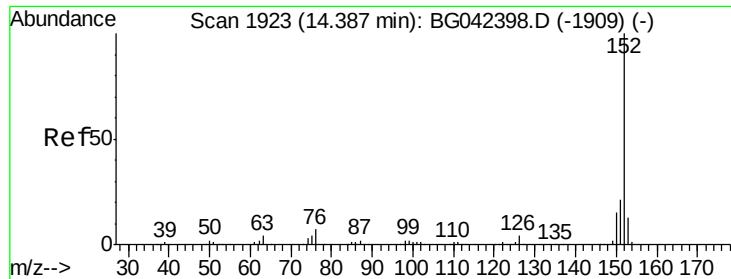
Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.2	26.0	39.0
164	33.5	27.4	41.0



#48
 2-Nitroaniline
 Concen: 35.857 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	61.8	92.6
138	129.5	111.0	166.6





#49

Acenaphthylene

Concen: 40.779 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

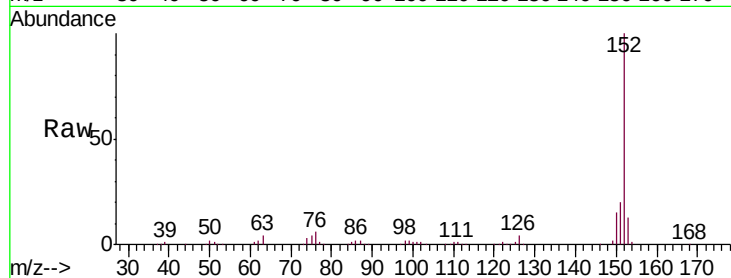
Tgt Ion:152 Resp: 314572

Ion Ratio Lower Upper

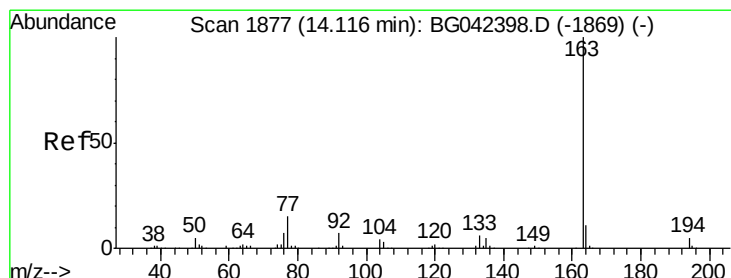
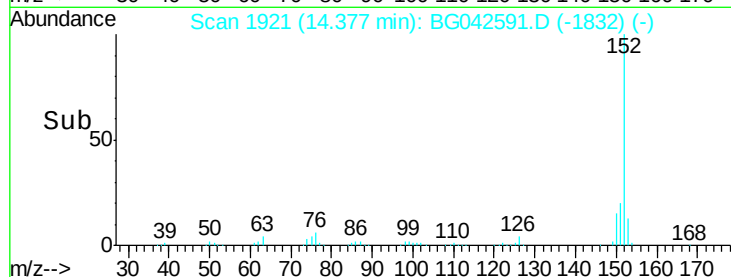
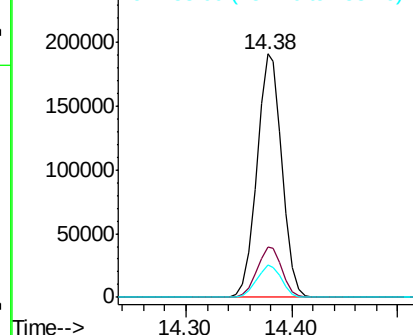
152 100

151 20.5 17.0 25.4

153 13.4 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: 38.117 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

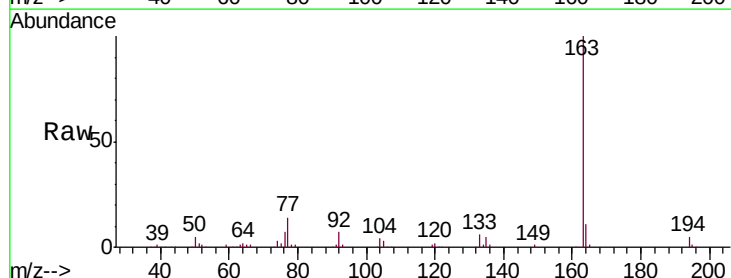
Tgt Ion:163 Resp: 253010

Ion Ratio Lower Upper

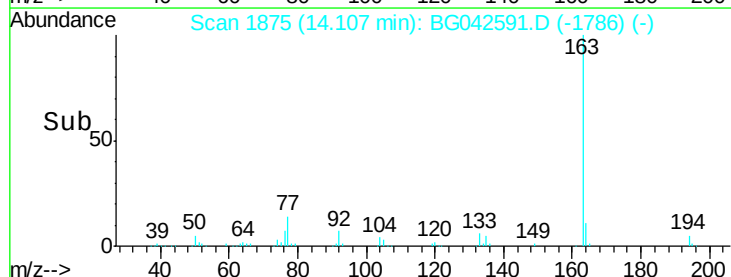
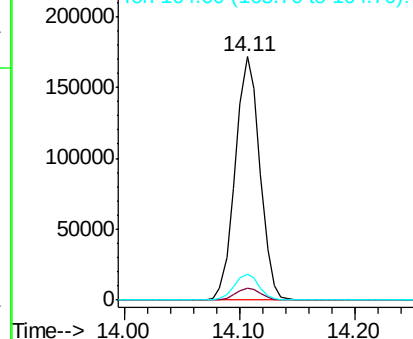
163 100

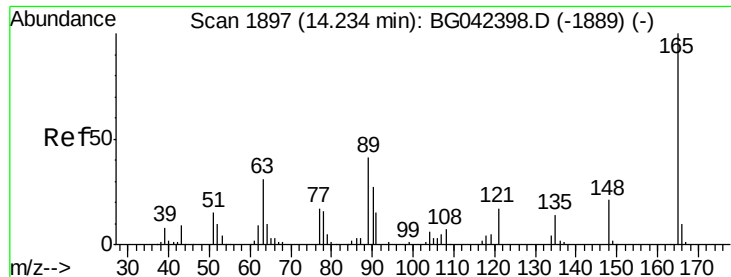
194 5.1 4.2 6.2

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: 39.732 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

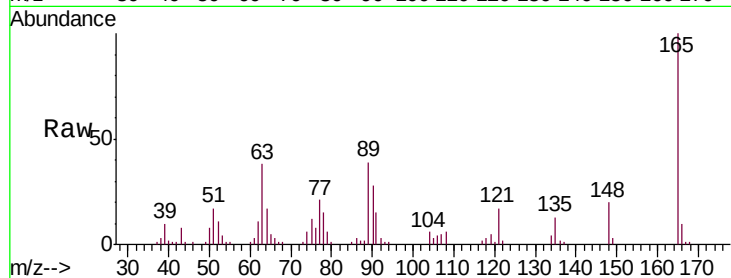
Tgt Ion:165 Resp: 61131

Ion Ratio Lower Upper

165 100

63 37.8 30.6 45.8

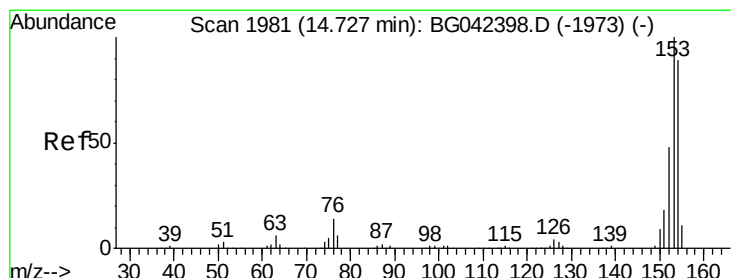
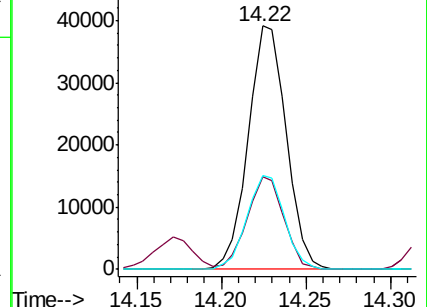
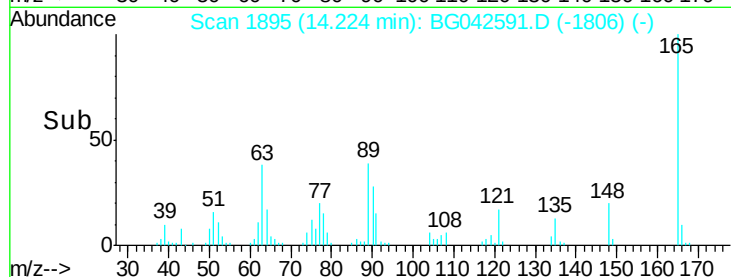
89 38.7 32.6 49.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.115 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

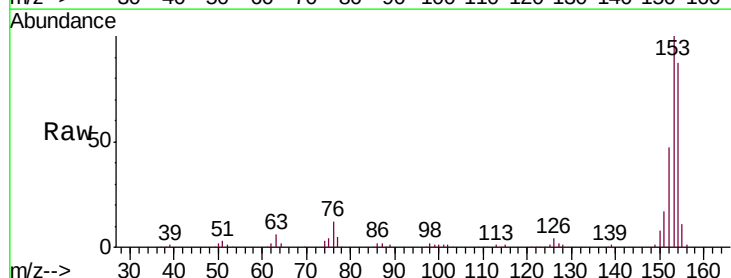
Tgt Ion:154 Resp: 183223

Ion Ratio Lower Upper

154 100

153 115.4 90.2 135.4

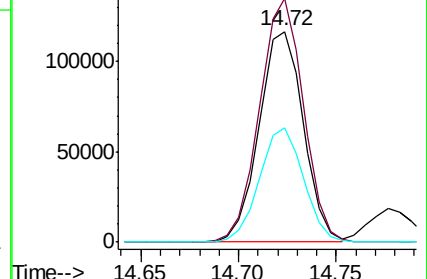
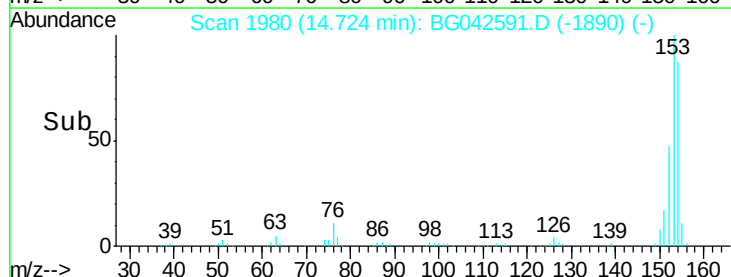
152 54.4 43.2 64.8

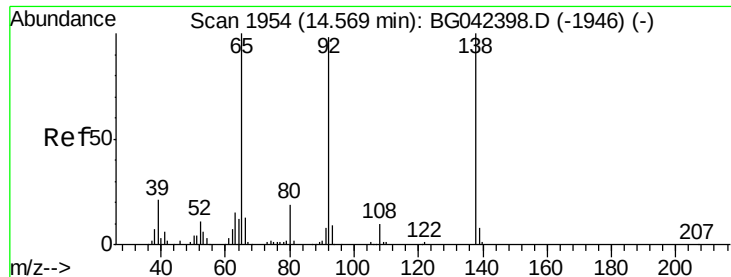


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.956 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

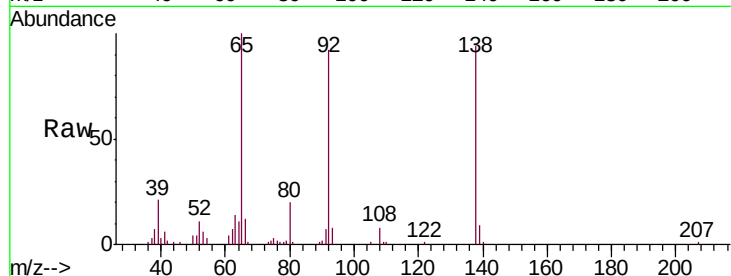
Tgt Ion:138 Resp: 43017

Ion Ratio Lower Upper

138 100

108 8.8 8.3 12.5

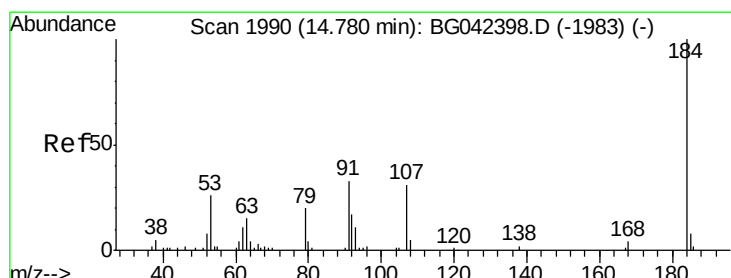
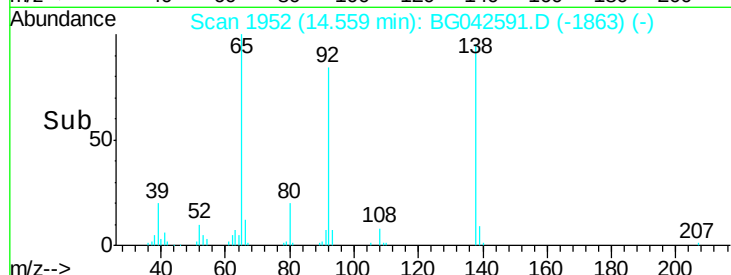
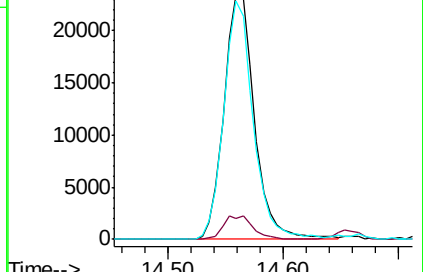
92 98.0 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 63.800 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

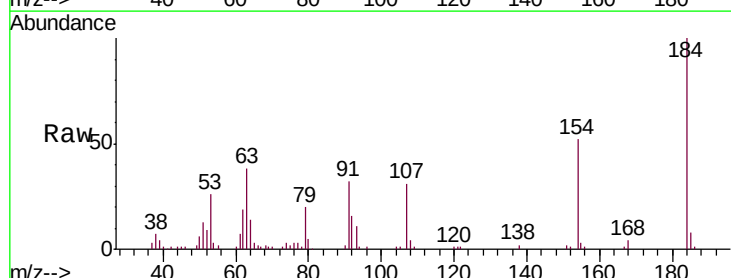
Tgt Ion:184 Resp: 64743

Ion Ratio Lower Upper

184 100

63 38.5 31.7 47.5

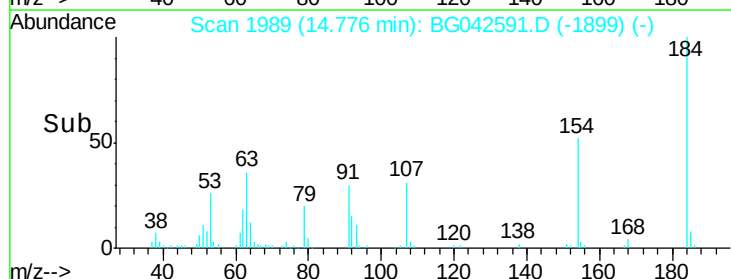
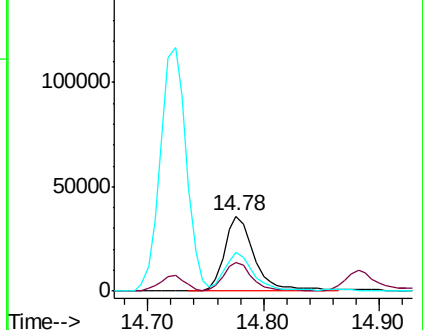
154 52.0 42.0 63.0

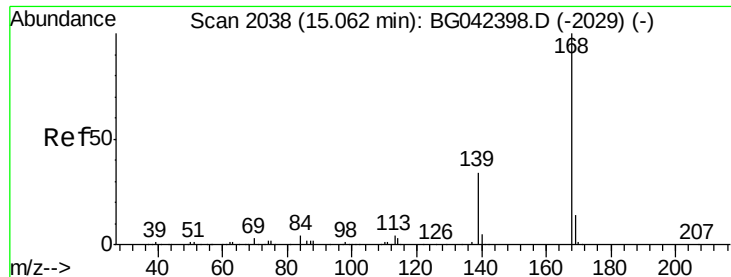


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.090 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampled :

PB122614BS

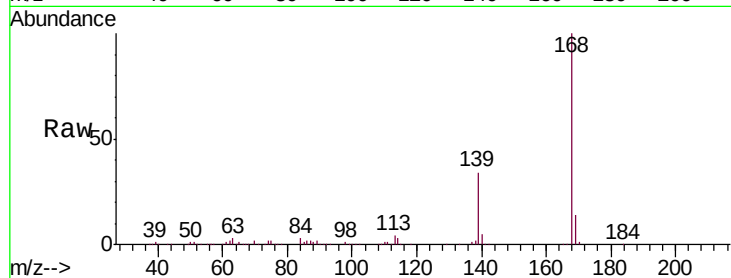
Tgt Ion:168 Resp: 318593

Ion Ratio Lower Upper

168 100

139 34.4 27.2 40.8

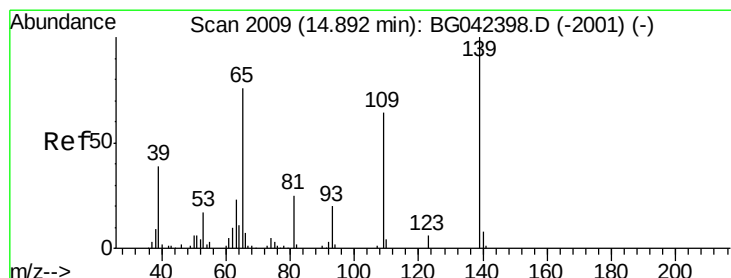
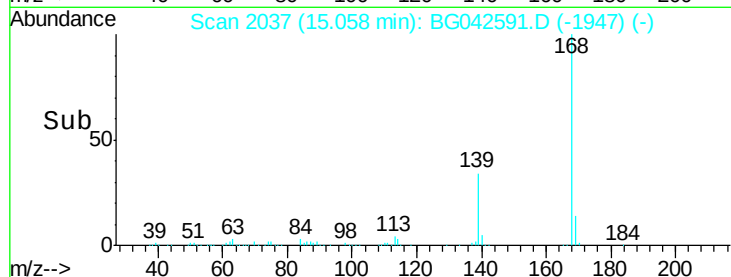
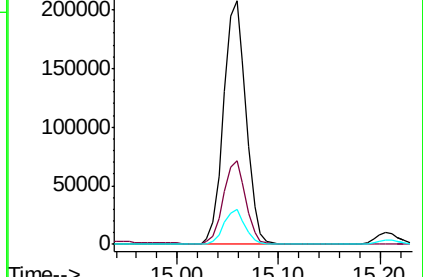
169 14.2 11.5 17.3



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: 78.174 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

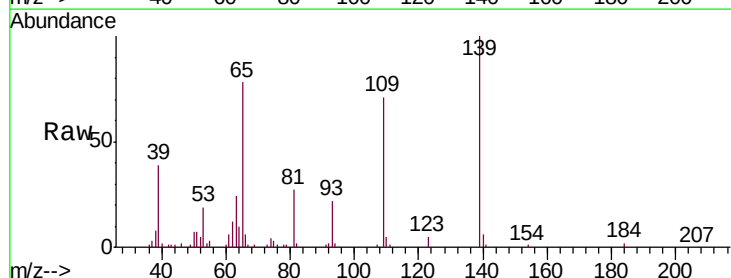
Tgt Ion:139 Resp: 85473

Ion Ratio Lower Upper

139 100

109 70.6 43.9 83.9

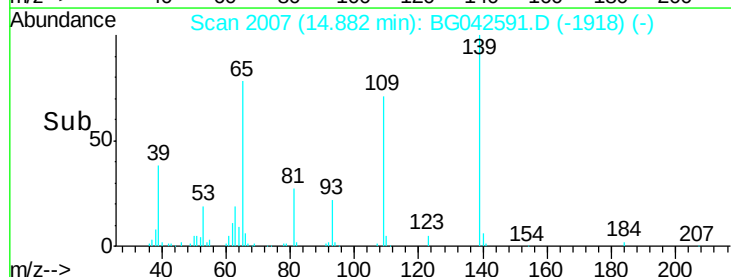
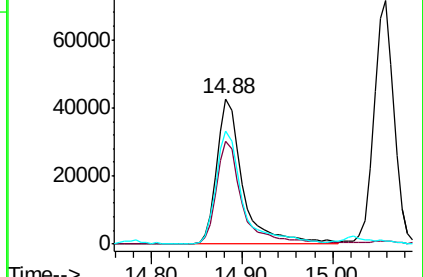
65 77.8 56.3 96.3

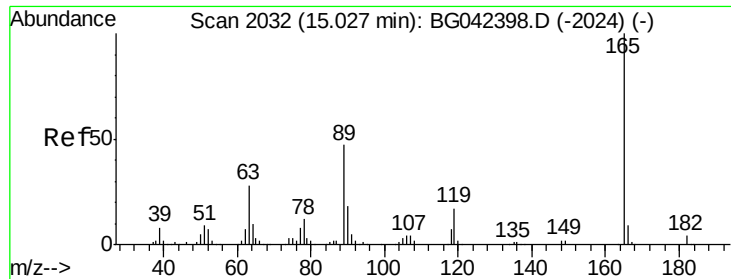


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

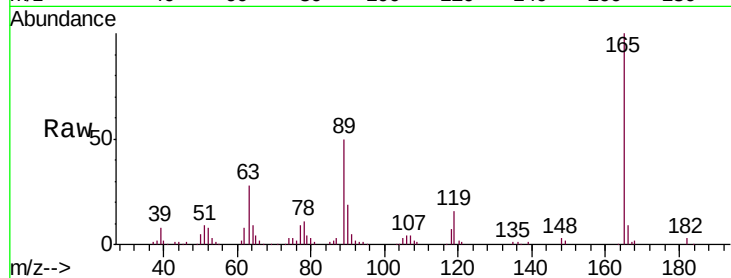




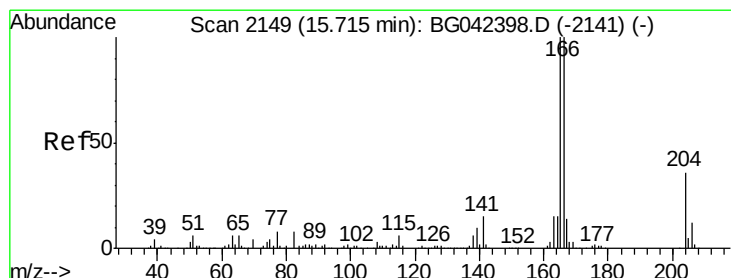
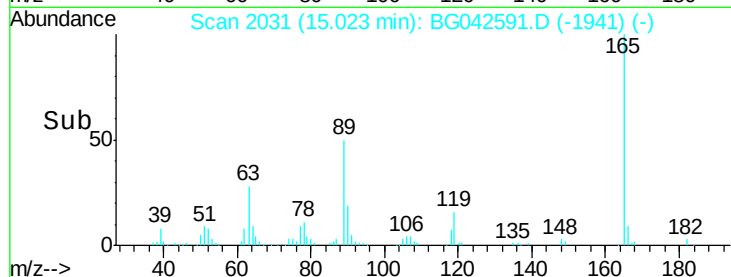
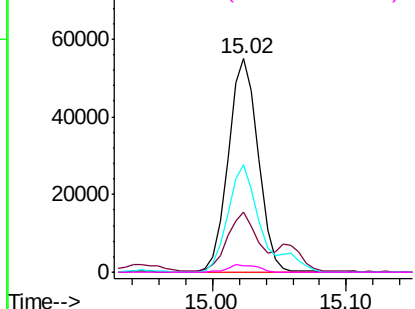
#57
 2,4-Dinitrotoluene
 Concen: 39.052 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tgt Ion:	165	Resp:	86040
Ion	Ratio	Lower	Upper
165	100		
63	28.1	22.5	33.7
89	50.1	37.8	56.6
182	3.2	3.0	4.4

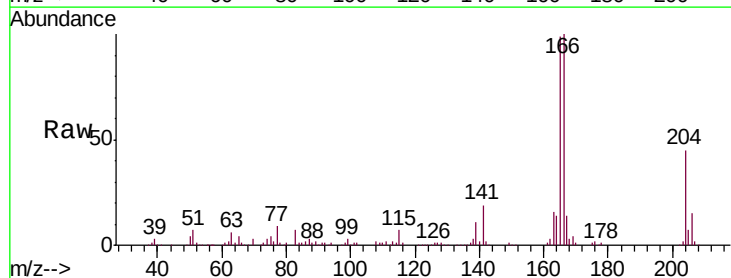


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

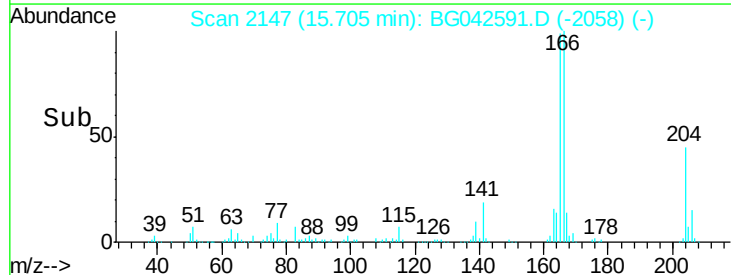
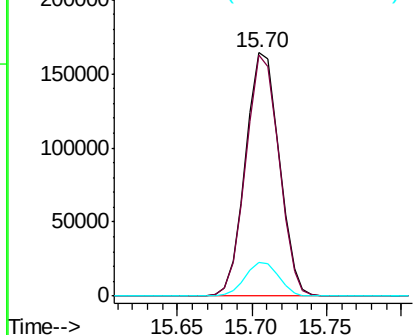


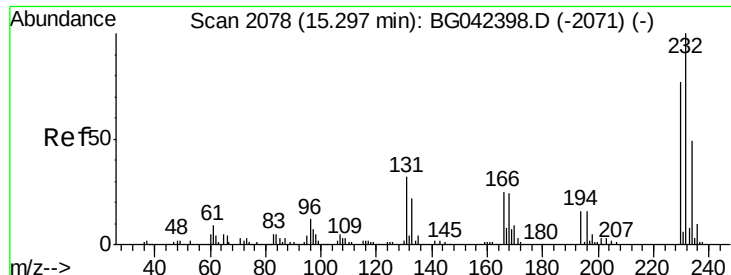
#58
 Fluorene
 Concen: 40.583 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion:	166	Resp:	257222
Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.7	119.5
167	13.7	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

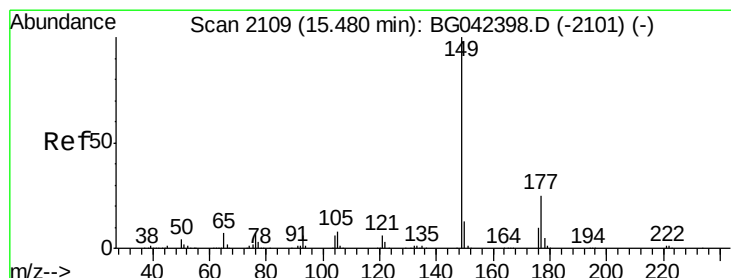
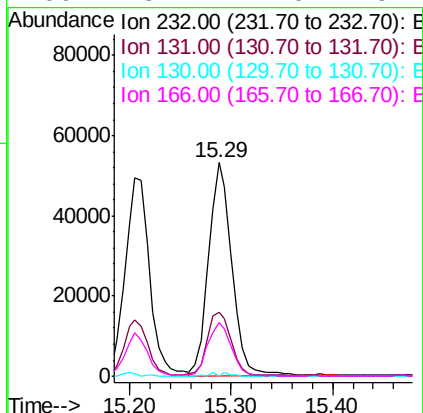
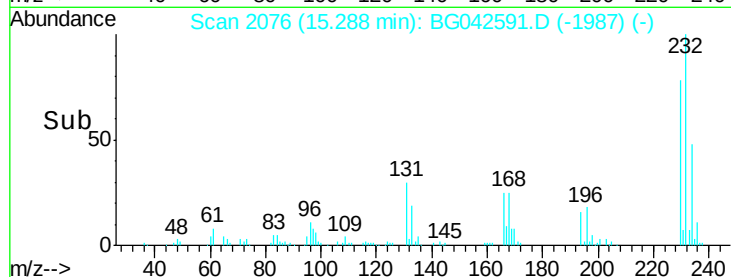
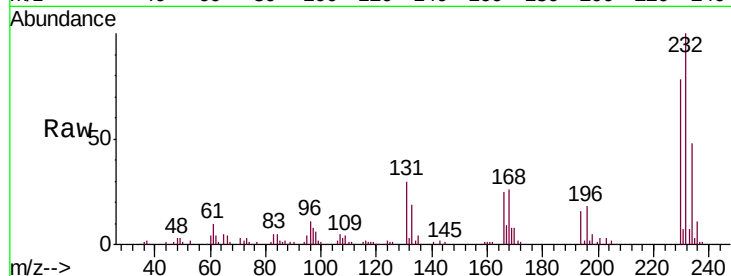




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.285 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

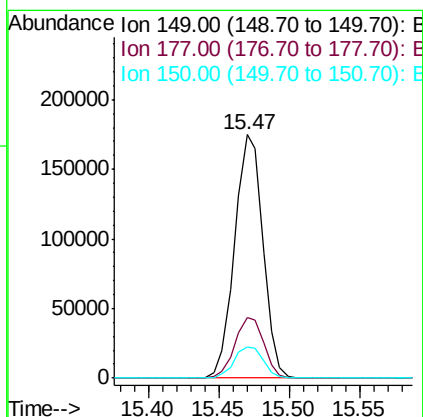
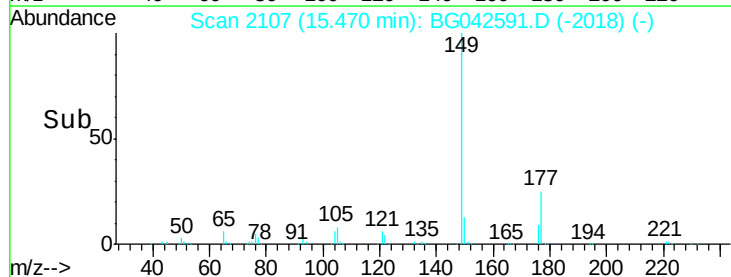
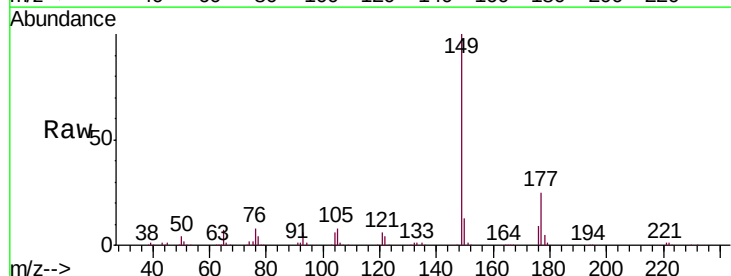
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

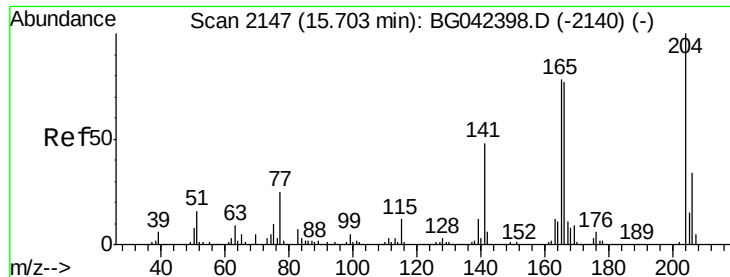
Tgt Ion:	232	Resp:	84486
Ion	Ratio	Lower	Upper
232	100		
131	31.8	22.9	34.3
130	0.5	1.4	2.0#
166	25.7	17.0	25.4#



#60
 Diethylphthalate
 Concen: 37.548 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion:	149	Resp:	243639
Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.4	30.6
150	13.0	10.3	15.5

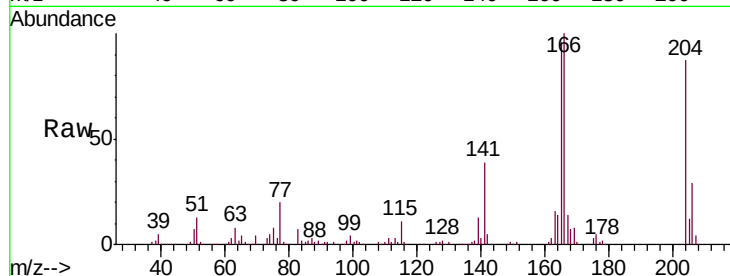




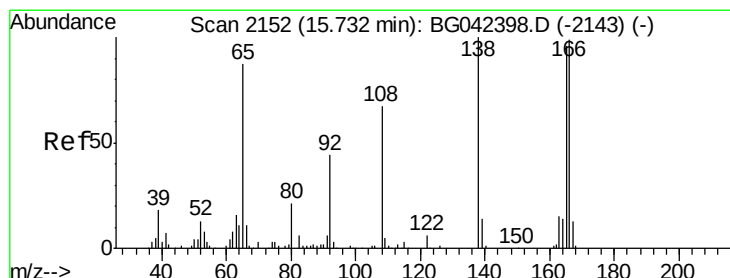
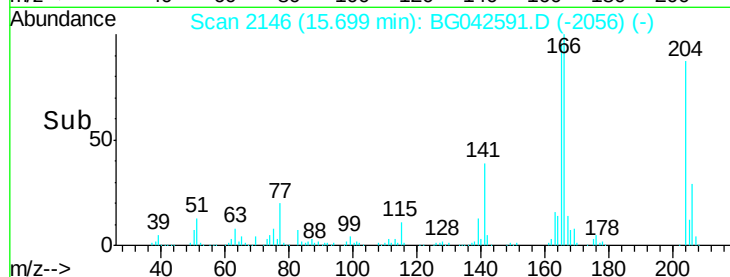
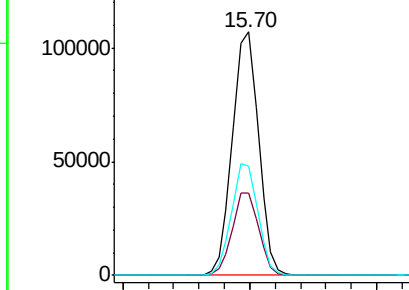
#61
 4-Chlorophenyl-phenylether
 Concen: 40.191 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tgt Ion: 204 Resp: 153560
 Ion Ratio Lower Upper
 204 100
 206 34.0 27.2 40.8
 141 45.1 38.7 58.1

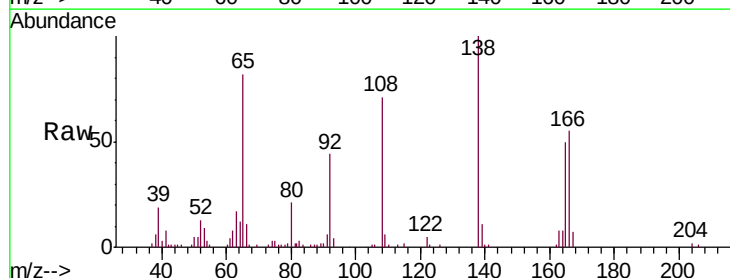


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

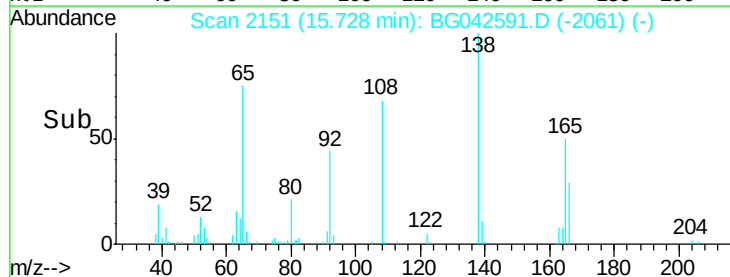
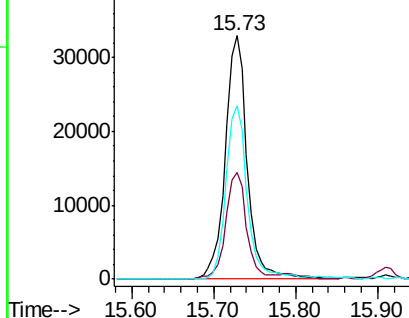


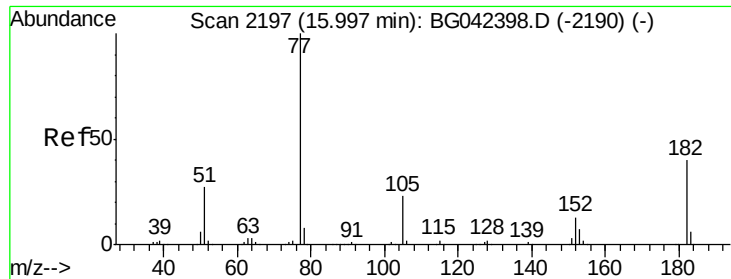
#62
 4-Nitroaniline
 Concen: 37.560 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion: 138 Resp: 61855
 Ion Ratio Lower Upper
 138 100
 92 43.7 24.2 64.2
 108 71.1 46.8 86.8



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

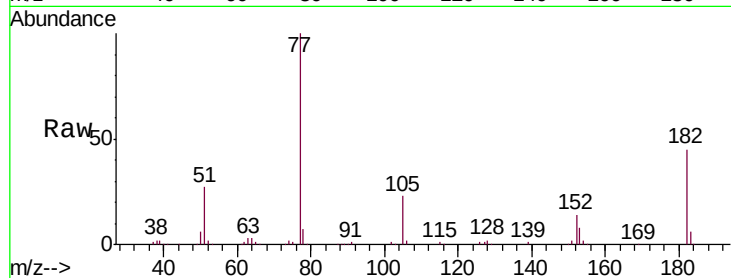




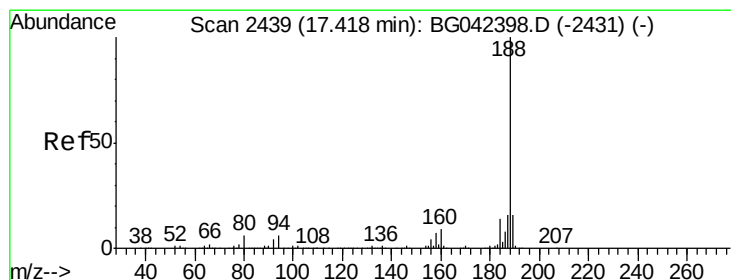
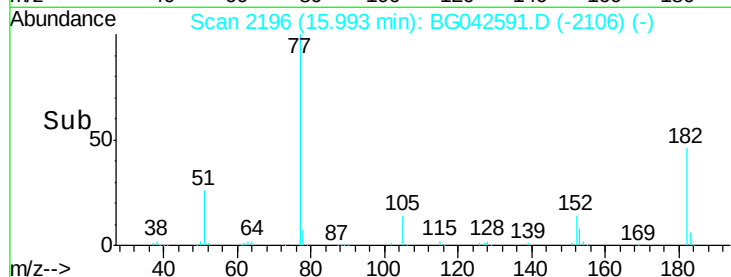
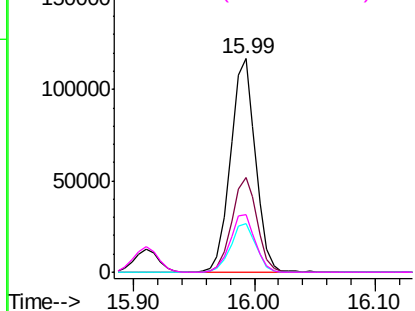
#63
Azobenzene
Concen: 37.536 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Tgt Ion: 77 Resp: 166893
Ion Ratio Lower Upper
77 100
182 44.5 19.9 59.9
105 23.0 2.9 42.9
51 27.0 7.6 47.6

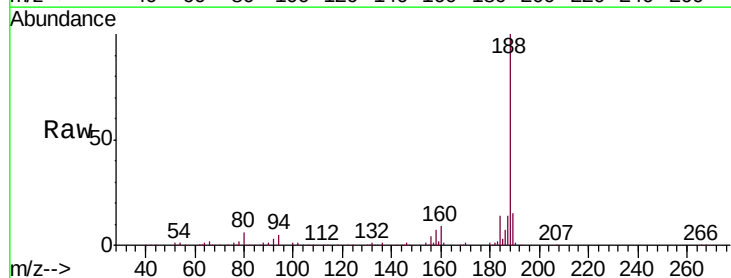


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

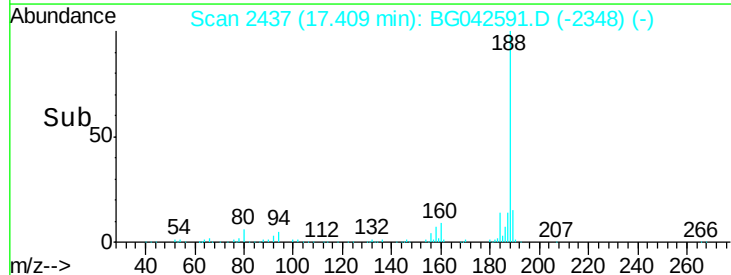
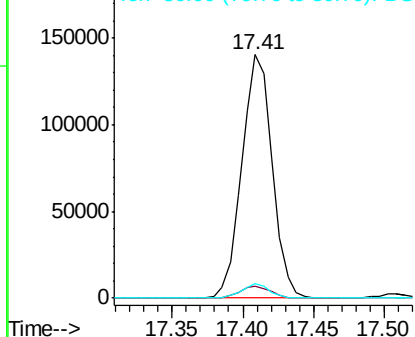


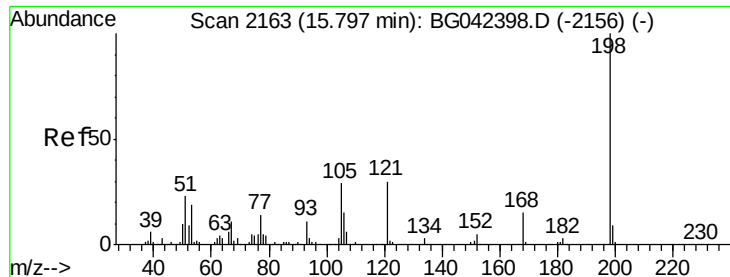
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion: 188 Resp: 211294
Ion Ratio Lower Upper
188 100
94 5.1 4.5 6.7
80 5.7 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.574 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

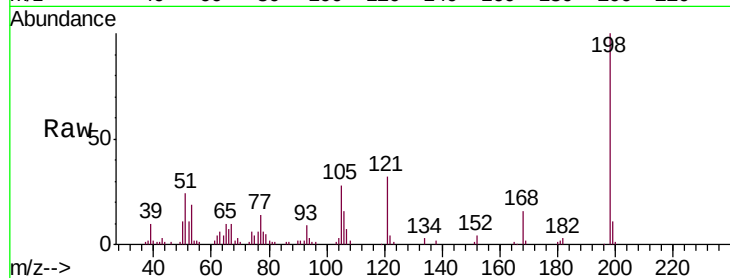
Tgt Ion:198 Resp: 53749

Ion Ratio Lower Upper

198 100

51 24.2 4.2 44.2

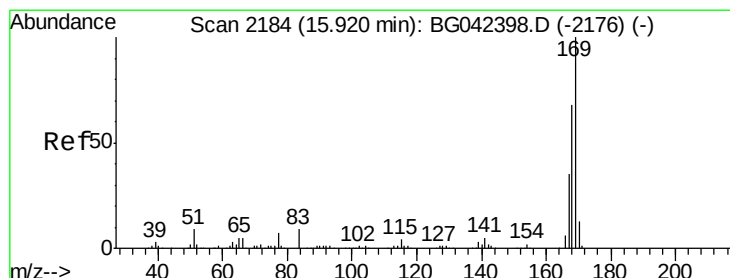
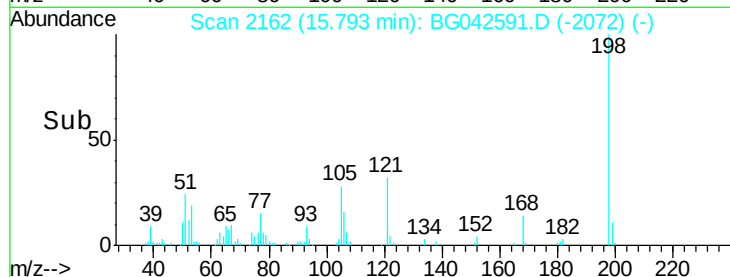
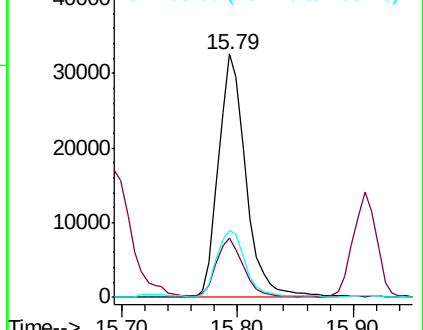
105 27.6 8.8 48.8



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: 40.282 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

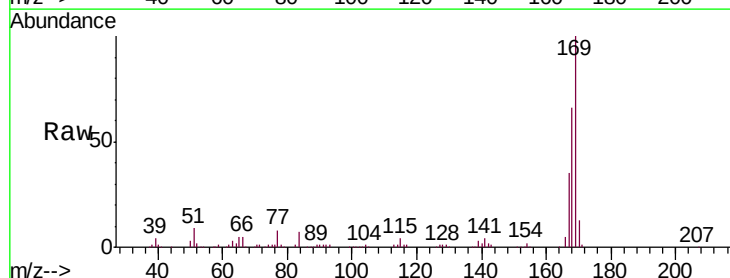
Tgt Ion:169 Resp: 234068

Ion Ratio Lower Upper

169 100

168 66.4 54.3 81.5

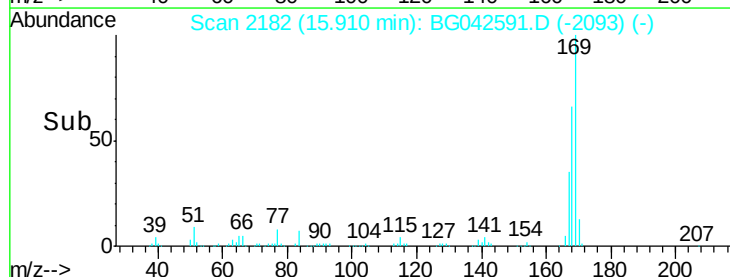
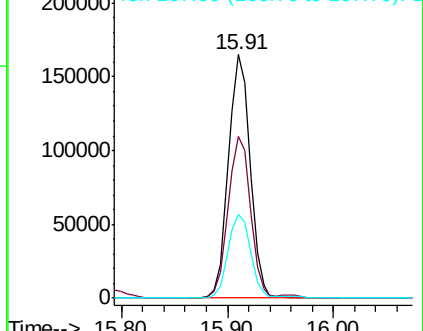
167 34.6 28.2 42.2

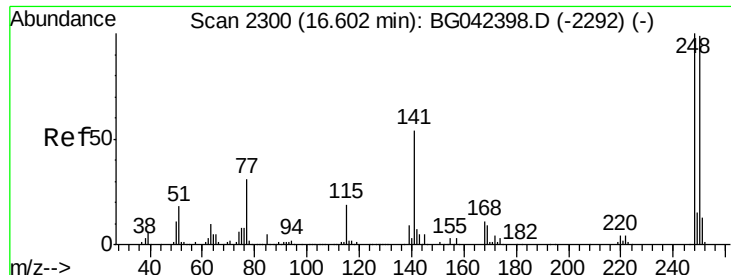


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

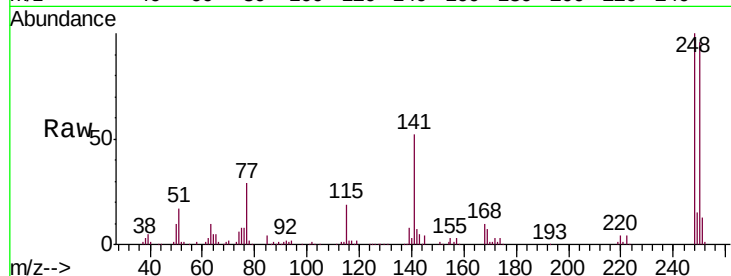




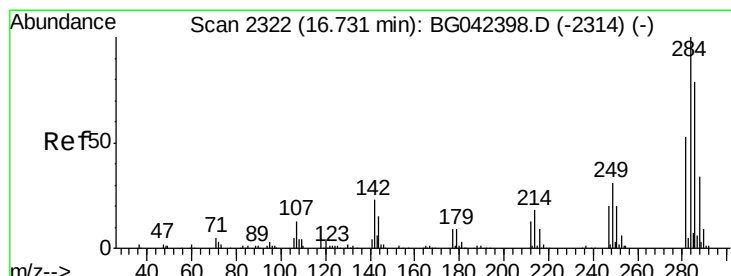
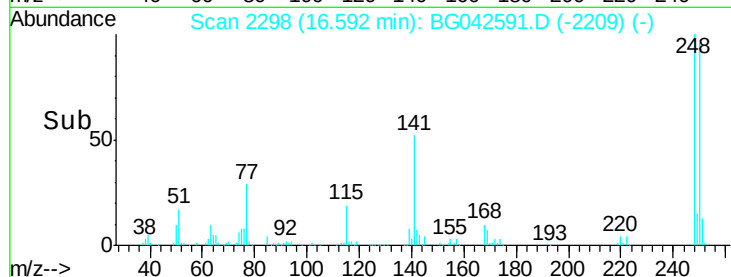
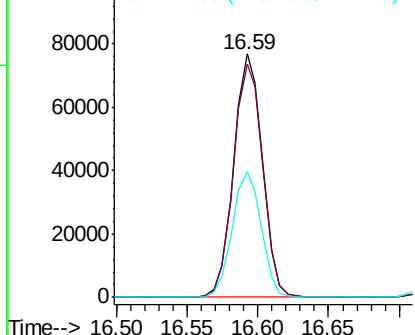
#67
 4-Bromophenyl-phenylether
 Concen: 40.530 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

Tgt Ion: 248 Resp: 108626
 Ion Ratio Lower Upper
 248 100
 250 96.0 78.9 118.3
 141 51.9 43.3 64.9

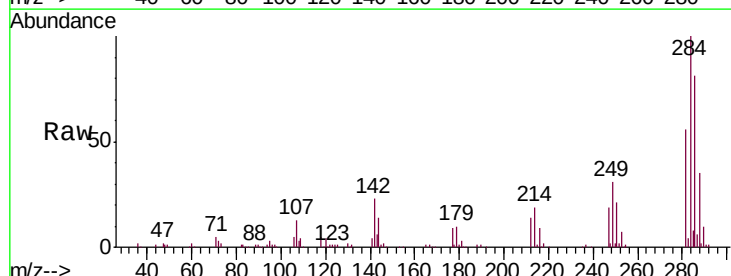


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

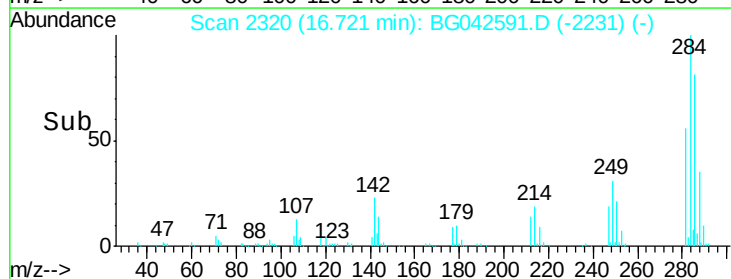
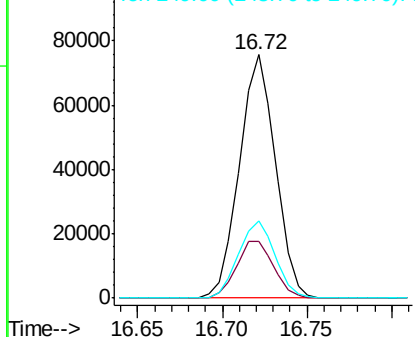


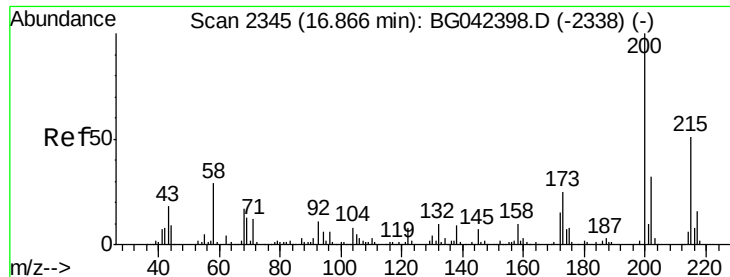
#68
 Hexachlorobenzene
 Concen: 38.640 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion: 284 Resp: 112577
 Ion Ratio Lower Upper
 284 100
 142 23.3 18.2 27.4
 249 31.5 25.0 37.4



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





#69

Atrazine

Concen: 43.430 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

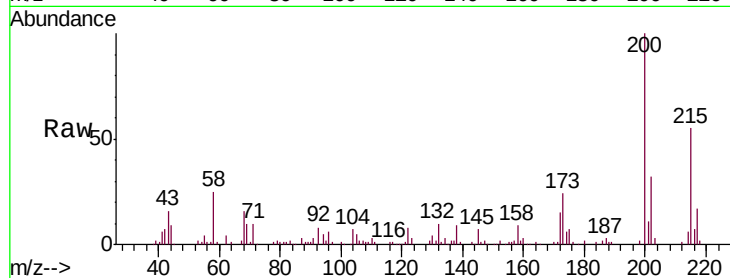
Tgt Ion:200 Resp: 89243

Ion Ratio Lower Upper

200 100

173 24.1 4.9 44.9

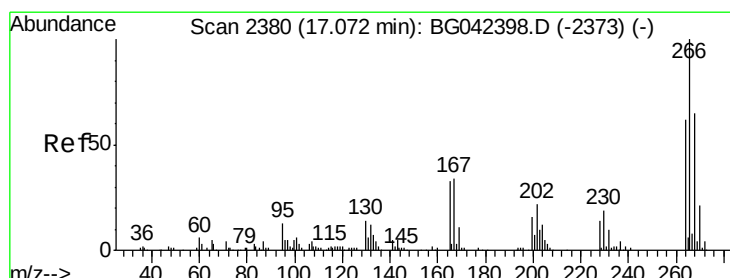
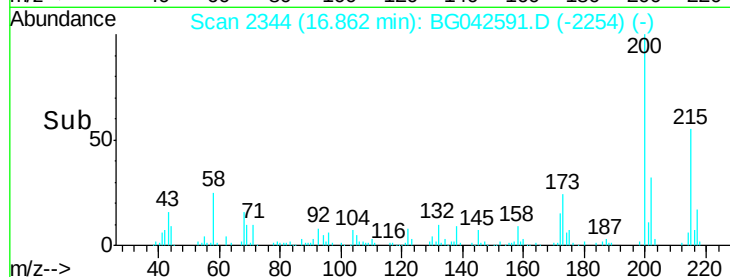
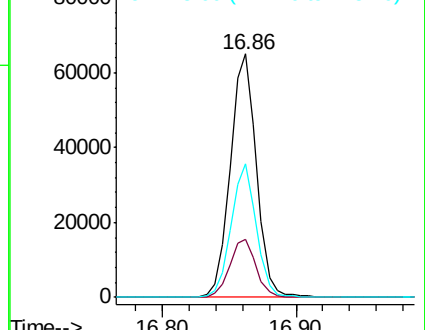
215 54.7 30.7 70.7



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: 84.960 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

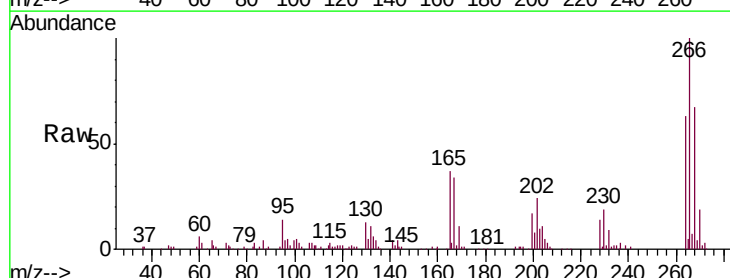
Tgt Ion:266 Resp: 128613

Ion Ratio Lower Upper

266 100

268 67.1 52.1 78.1

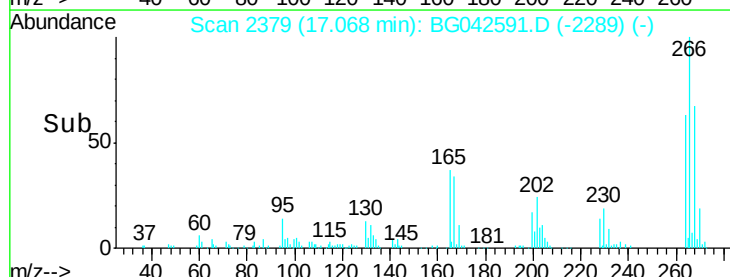
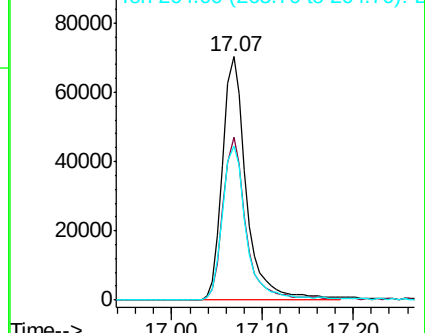
264 63.1 49.4 74.2

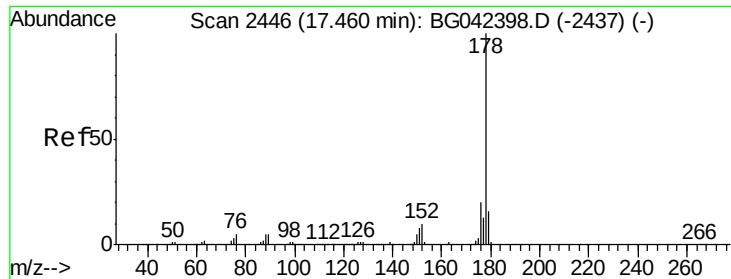


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

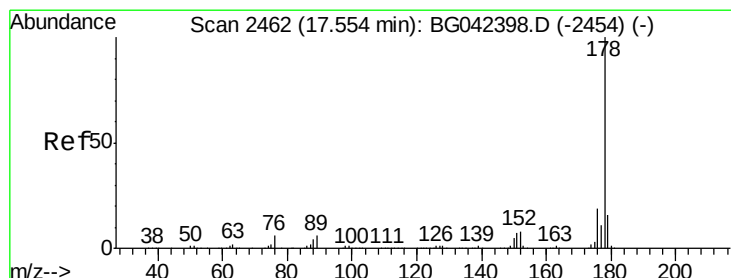
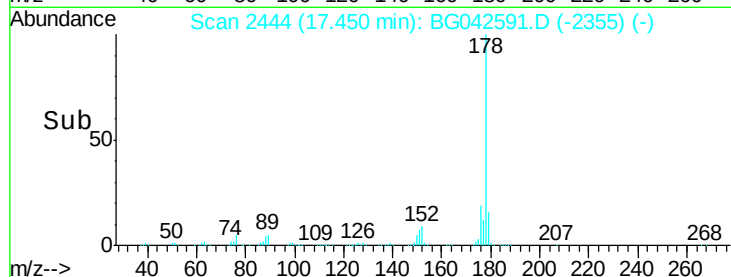
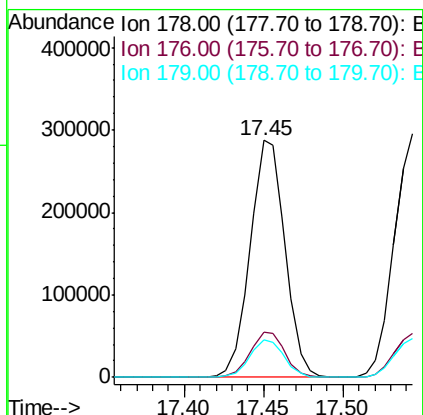
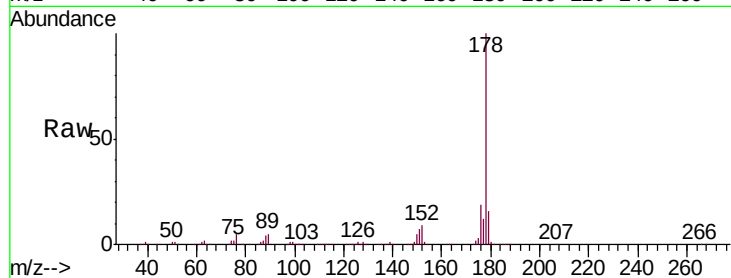




#71
Phenanthrene
Concen: 41.747 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

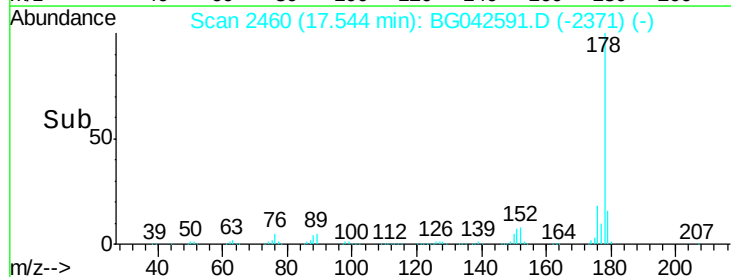
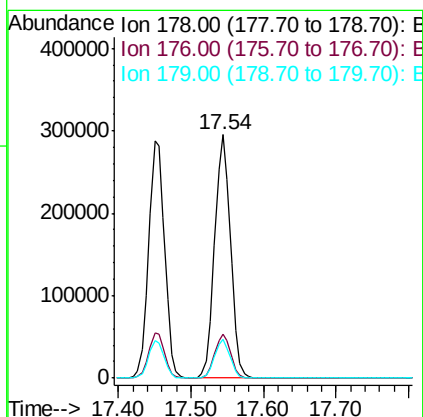
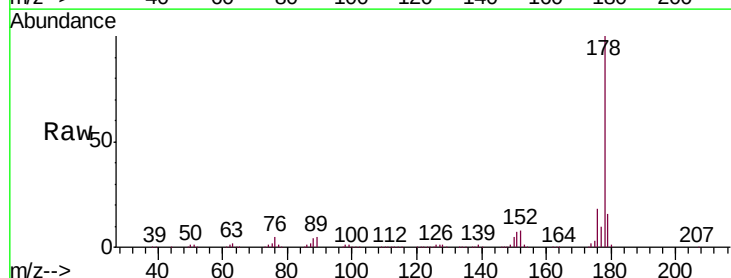
Instrument :
BNA_G
ClientSampleId :
PB122614BS

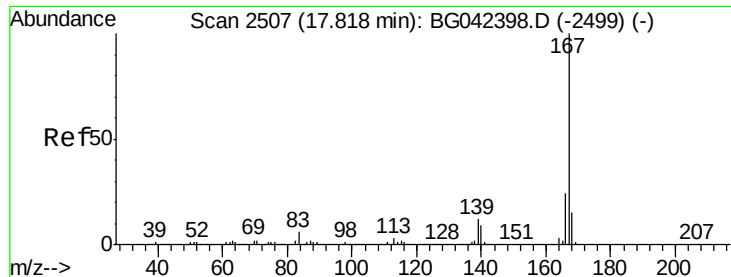
Tgt Ion:178 Resp: 438146
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.9 12.7 19.1



#72
Anthracene
Concen: 43.031 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion:178 Resp: 450858
Ion Ratio Lower Upper
178 100
176 18.2 15.5 23.3
179 15.8 12.9 19.3

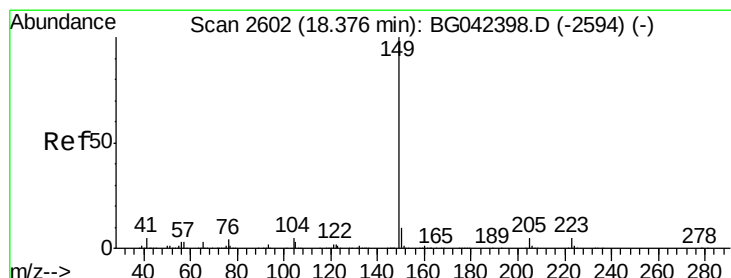
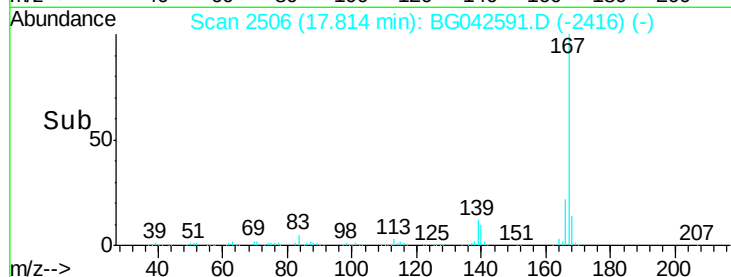
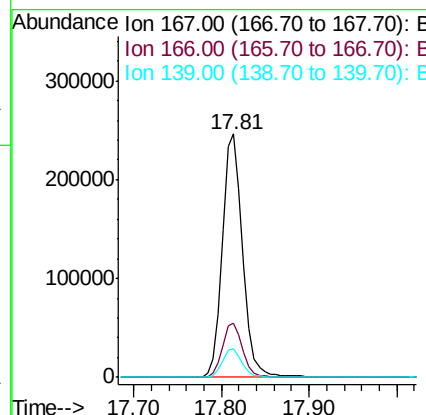
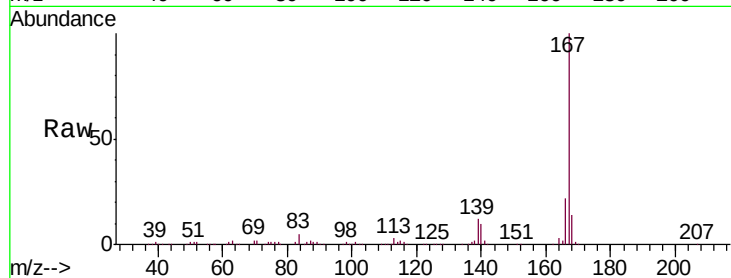




#73
 Carbazole
 Concen: 42.328 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

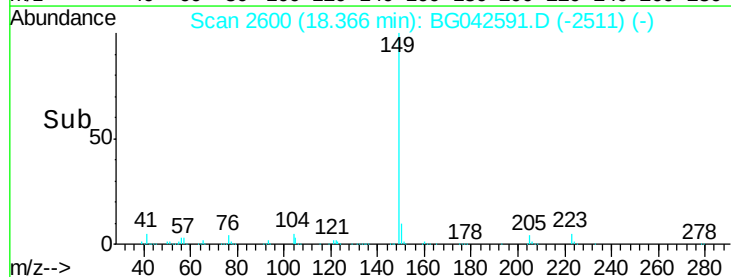
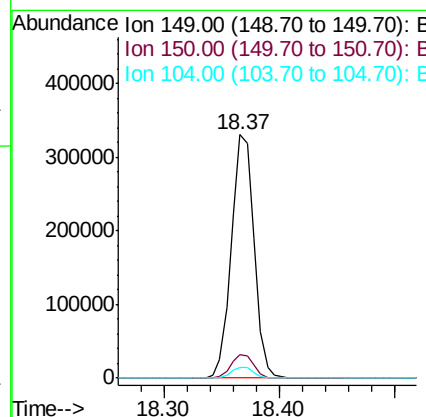
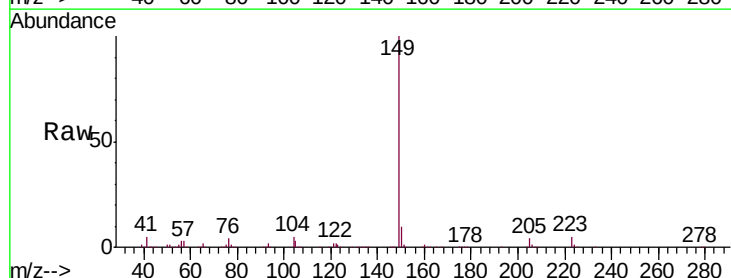
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BS

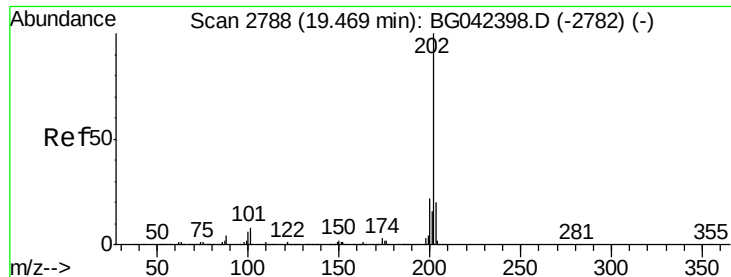
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.9	28.3
139	11.7	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 40.718 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG042591.D
 Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 46.013 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

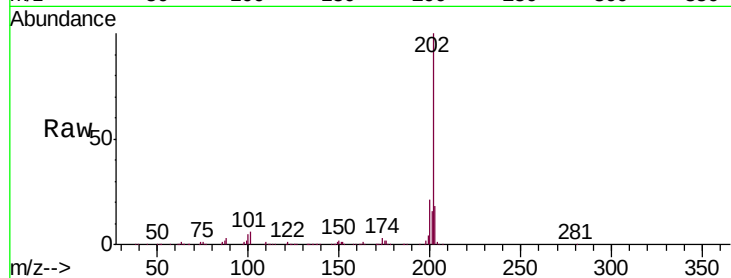
Tgt Ion: 202 Resp: 589366

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.3

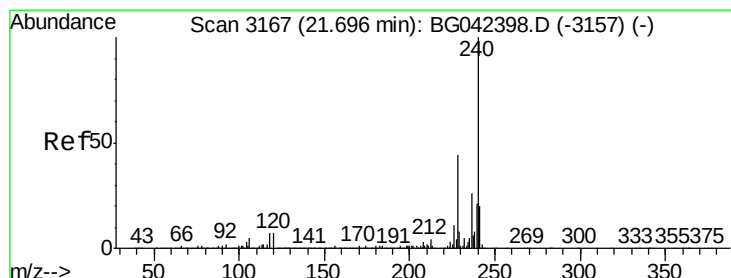
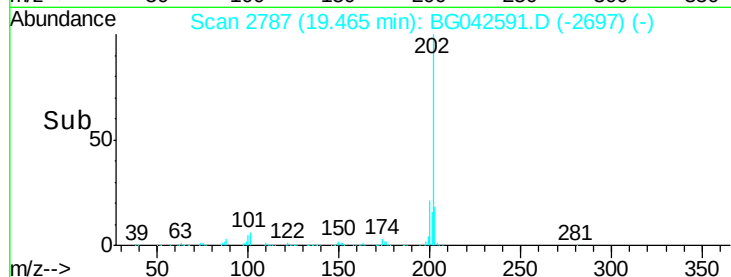
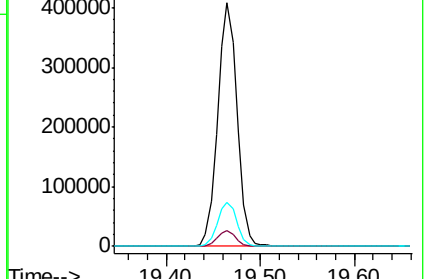
203 18.3 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

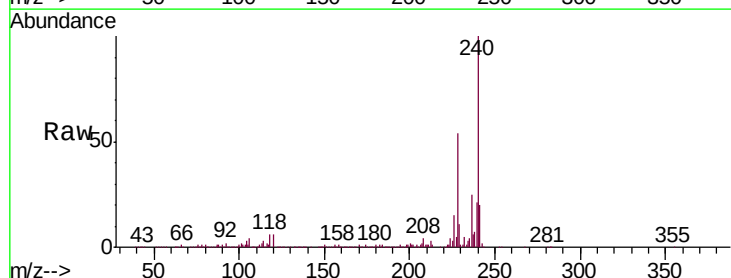
Tgt Ion: 240 Resp: 241813

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

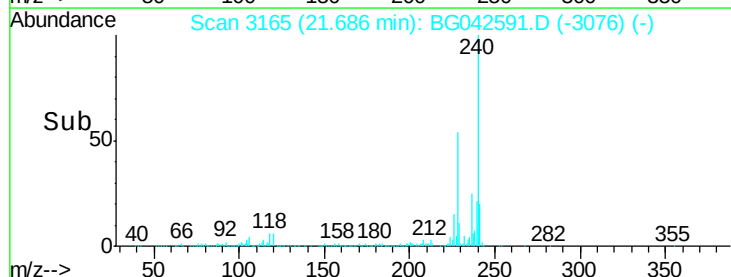
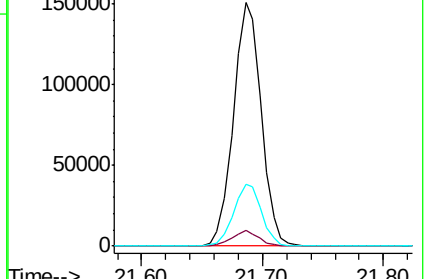
236 25.3 21.0 31.4

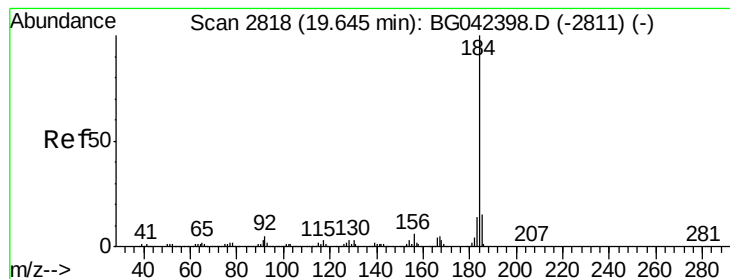


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.450 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

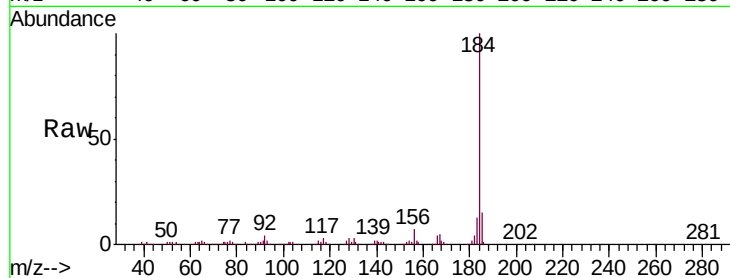
Tgt Ion:184 Resp: 238839

Ion Ratio Lower Upper

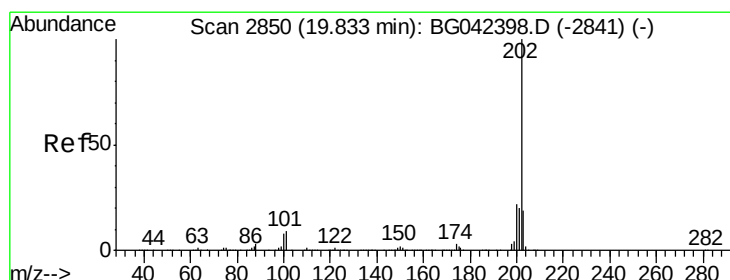
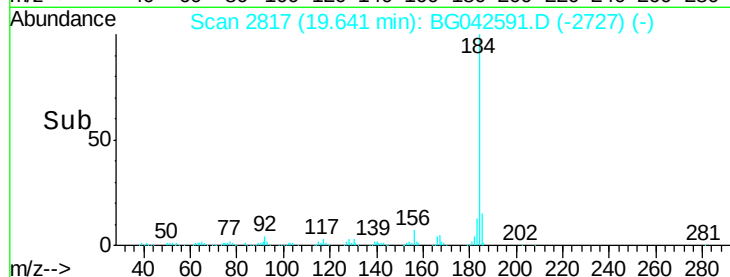
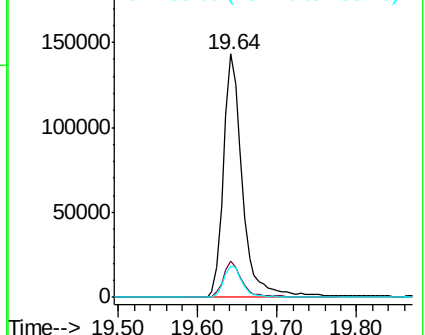
184 100

185 15.1 12.2 18.4

183 13.0 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: 40.631 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

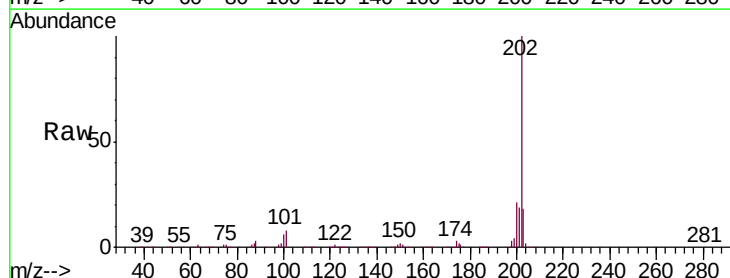
Tgt Ion:202 Resp: 602377

Ion Ratio Lower Upper

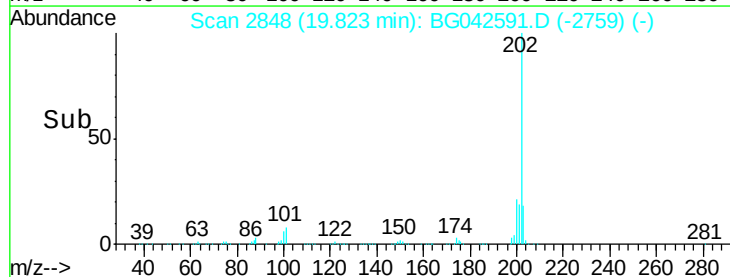
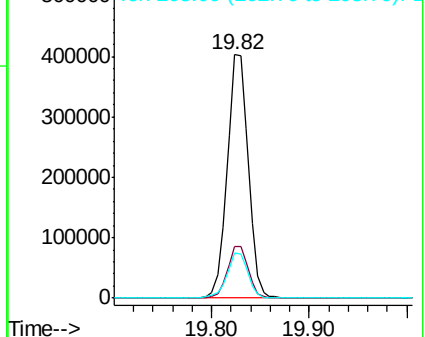
202 100

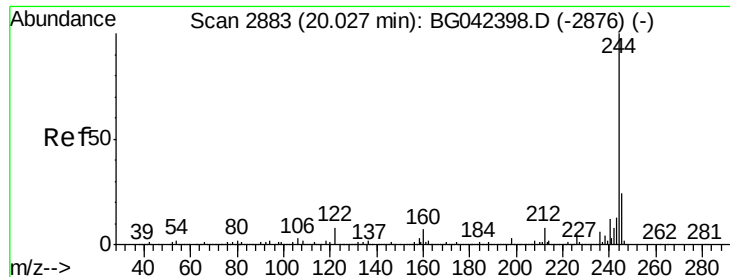
200 21.3 17.8 26.6

203 18.3 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: 67.340 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

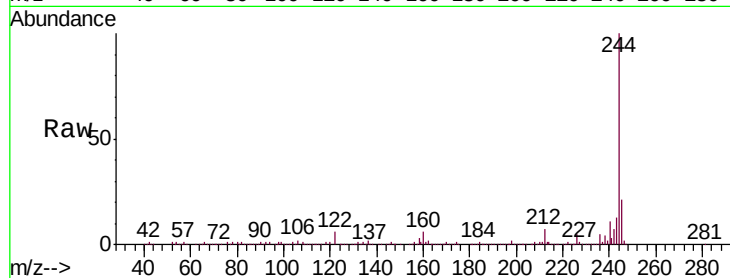
Tgt Ion:244 Resp: 753209

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 6.4 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

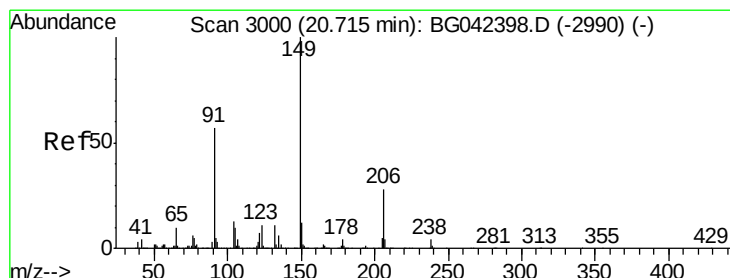
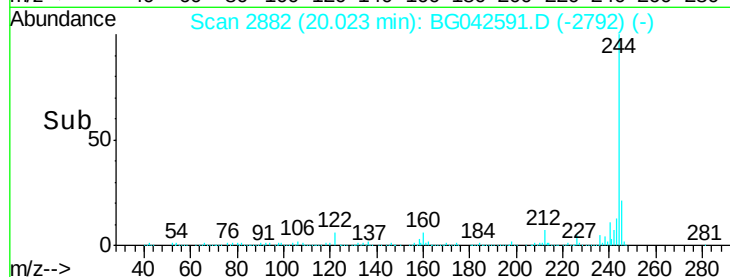
20.02

400000

200000

0

Time-->



#80

Butylbenzylphthalate

Concen: 37.287 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

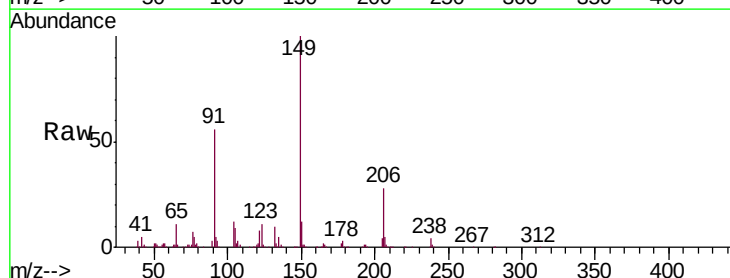
Tgt Ion:149 Resp: 217426

Ion Ratio Lower Upper

149 100

91 56.0 45.9 68.9

206 27.9 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

20.70

250000

200000

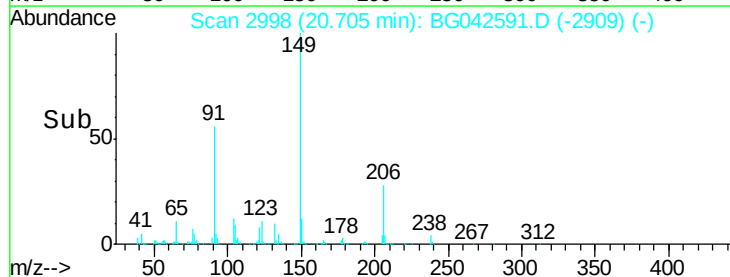
150000

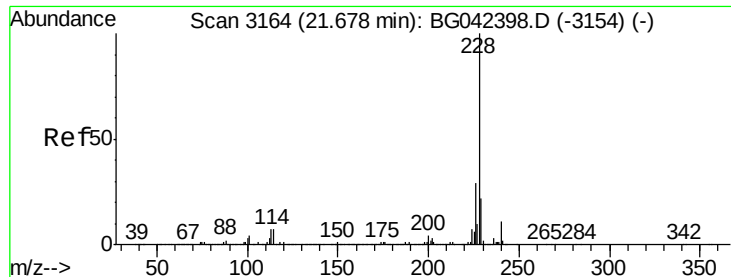
100000

50000

0

Time-->

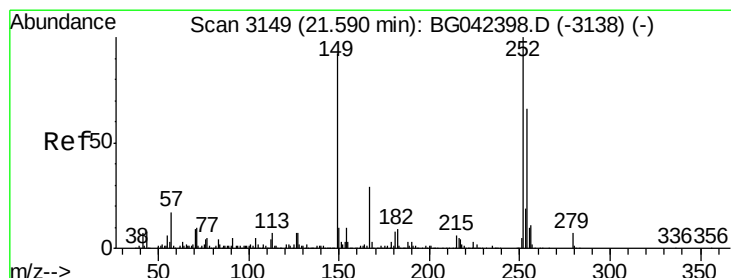
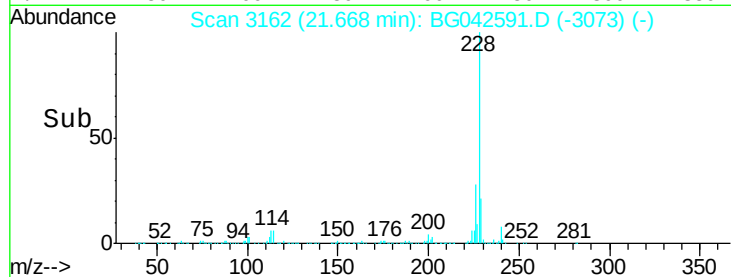
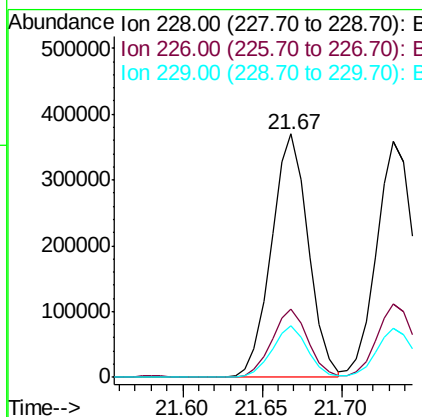
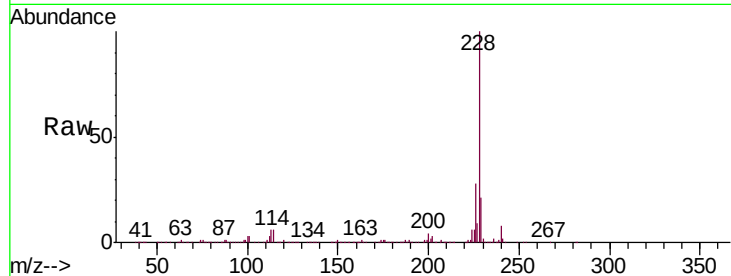




#81
Benzo(a)anthracene
Concen: 40.502 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

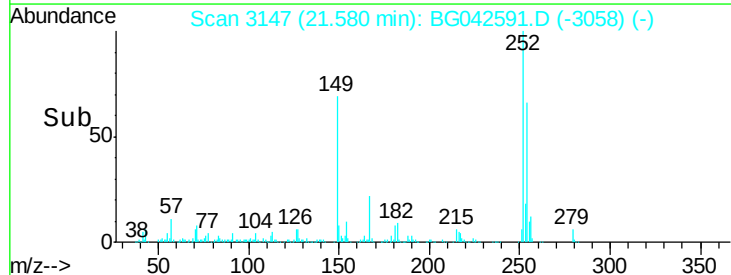
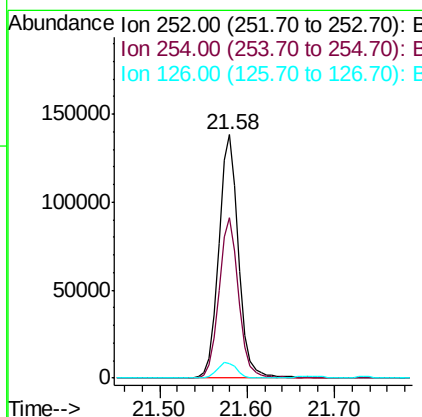
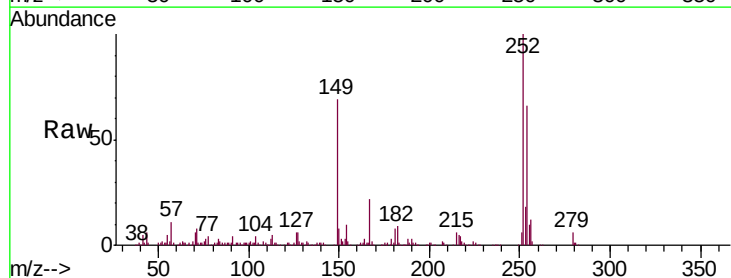
Instrument :
BNA_G
ClientSampleId :
PB122614BS

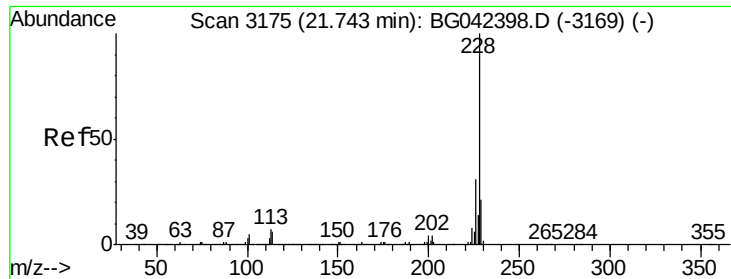
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.2
229	21.0	17.4	26.2



#82
3,3'-Dichlorobenzidine
Concen: 36.479 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	53.0	79.4
126	6.2	5.7	8.5





#83

Chrysene

Concen: 41.211 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

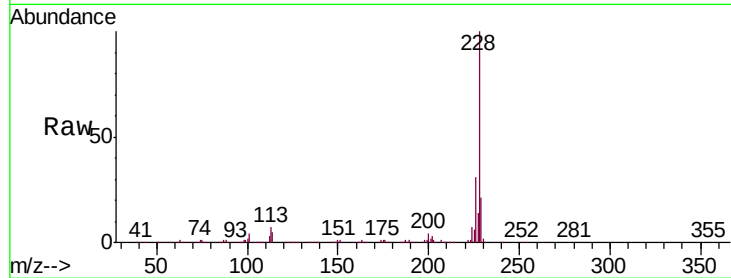
Tgt Ion: 228 Resp: 584635

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

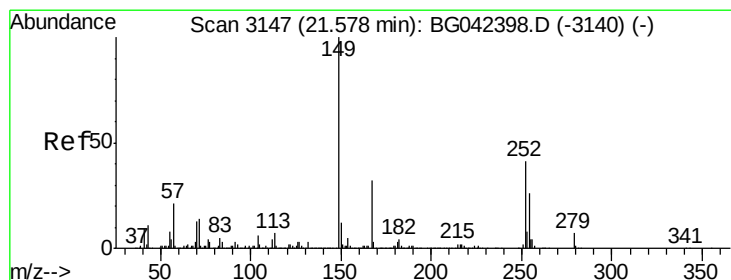
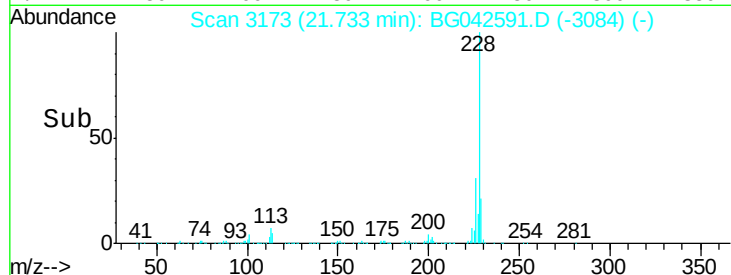
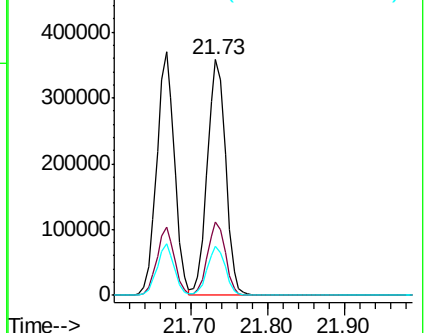
229 20.8 16.9 25.3



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: 38.722 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

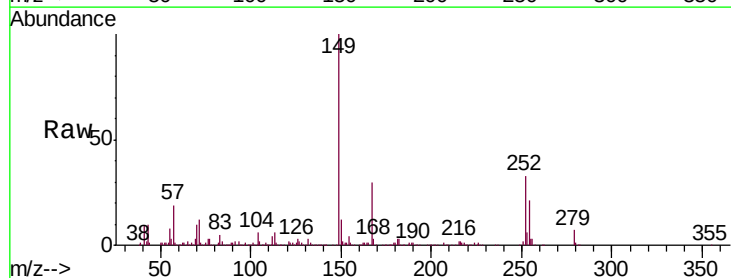
Tgt Ion: 149 Resp: 313503

Ion Ratio Lower Upper

149 100

167 30.5 26.0 39.0

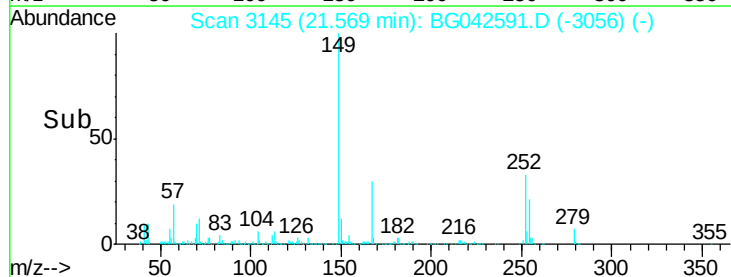
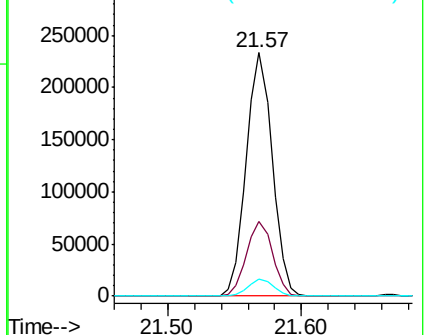
279 6.9 5.4 8.0

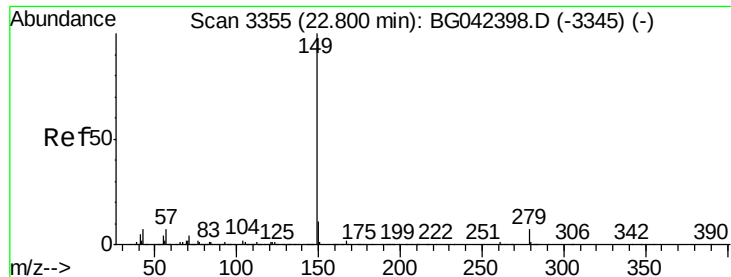


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

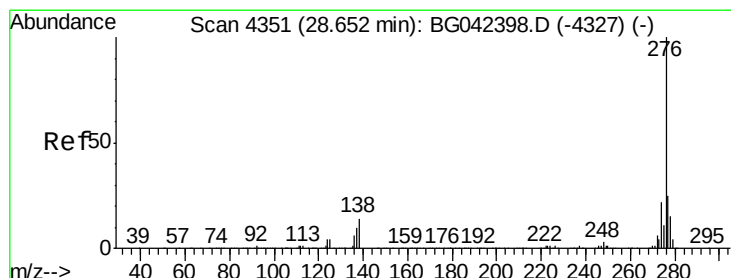
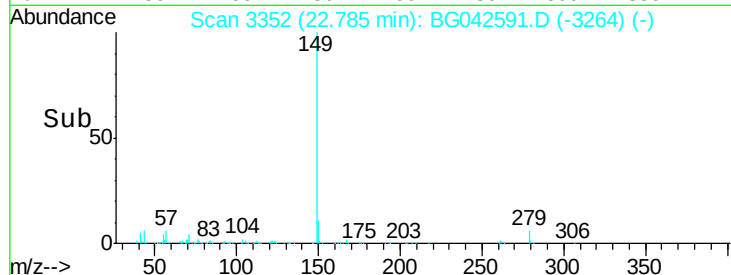
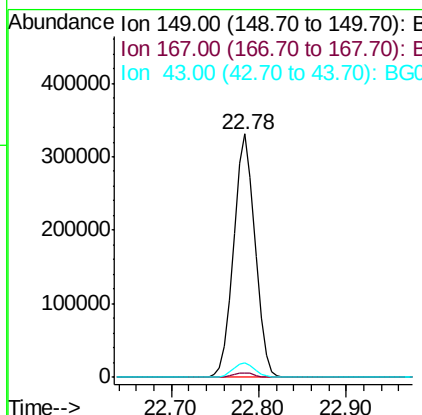
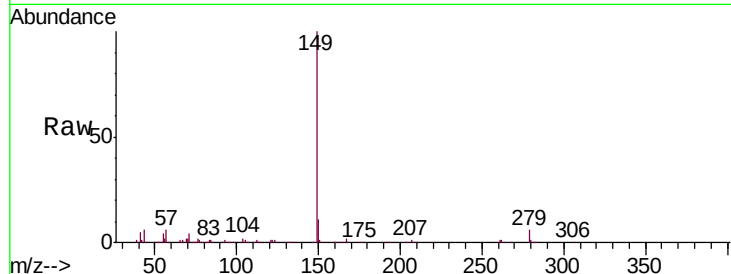




#85
Di-n-octyl phthalate
Concen: 39.104 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

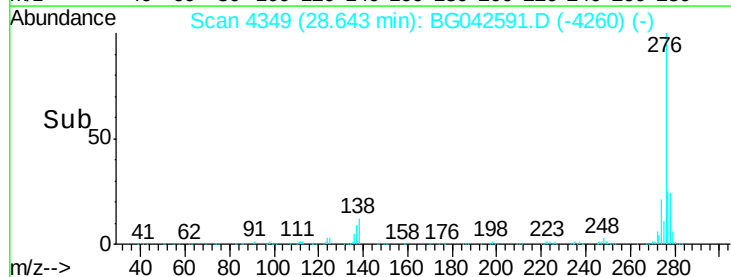
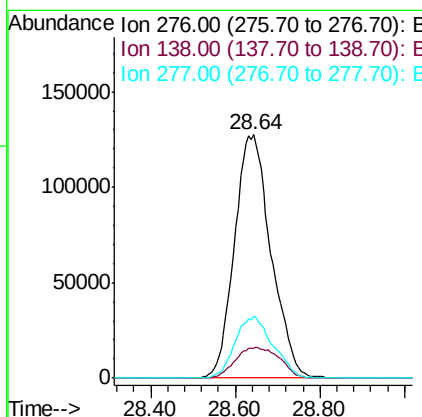
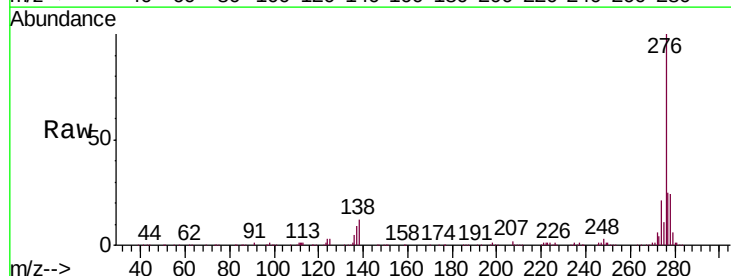
Instrument :
BNA_G
ClientSampleId :
PB122614BS

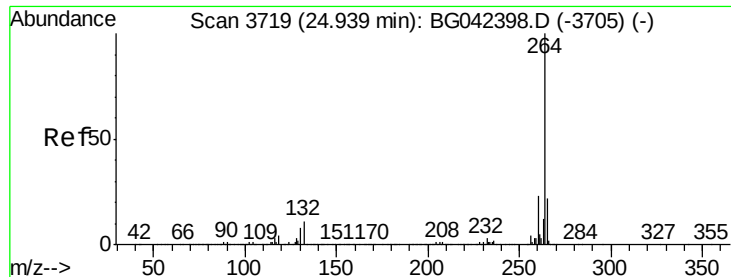
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.4	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.464 ng
RT: 28.64 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	9.2	13.8#
277	26.1	21.0	31.6

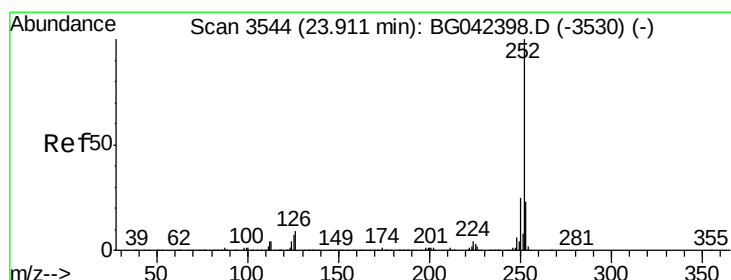
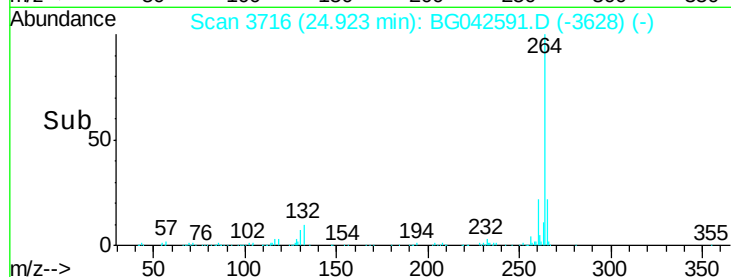
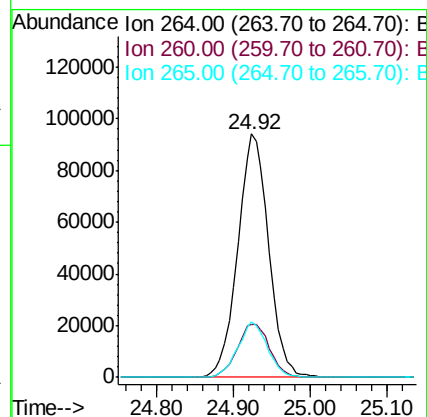
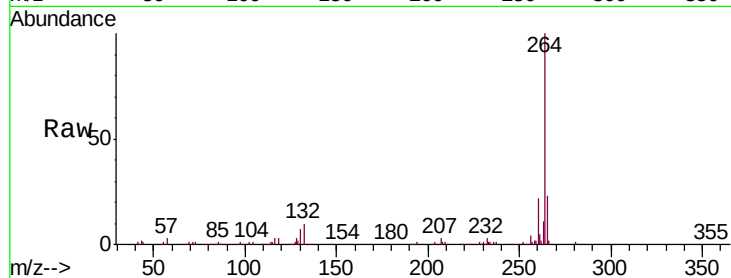




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

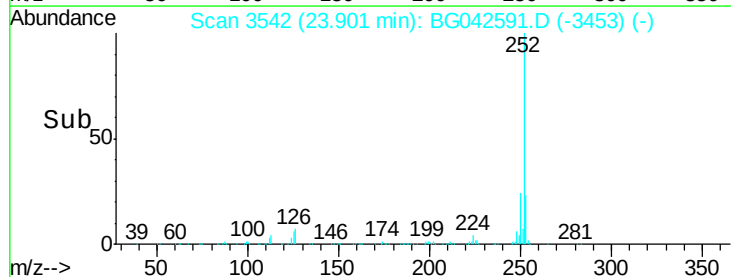
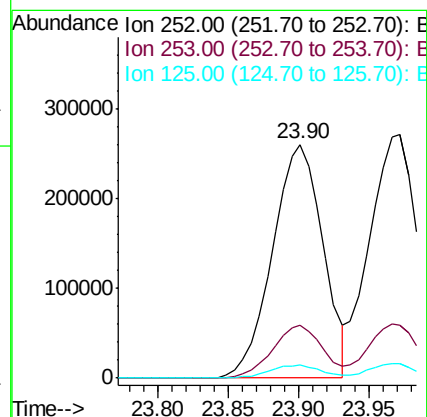
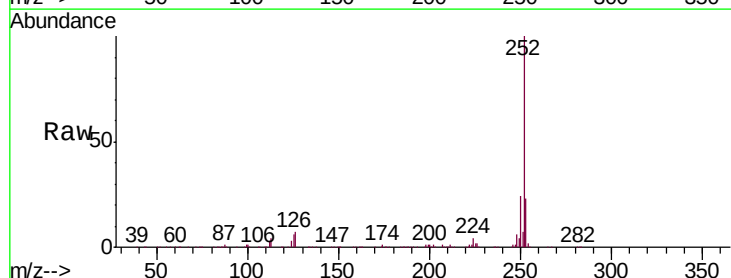
Instrument :
BNA_G
ClientSampleId :
PB122614BS

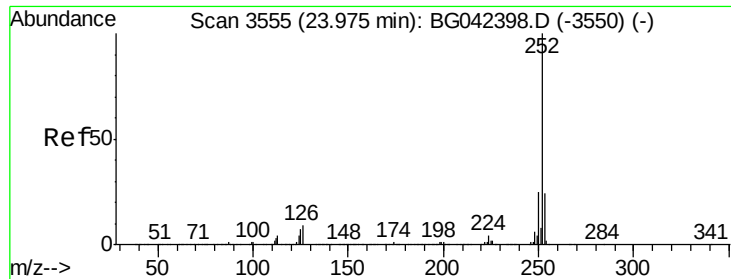
Tgt Ion: 264 Resp: 263064
Ion Ratio Lower Upper
264 100
260 21.7 18.5 27.7
265 22.6 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 44.730 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion: 252 Resp: 646892
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 5.6 5.6 8.4

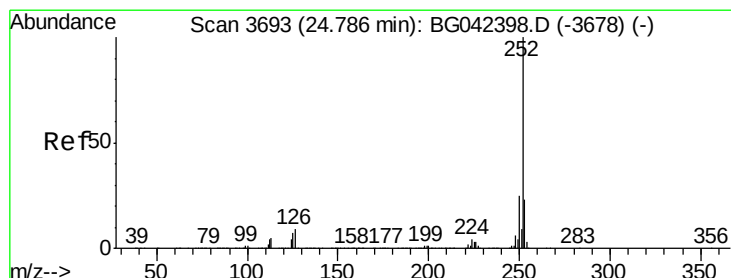
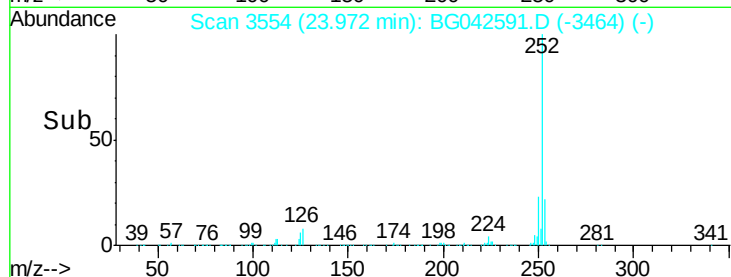
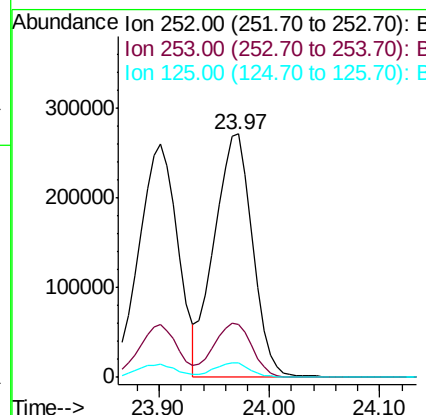
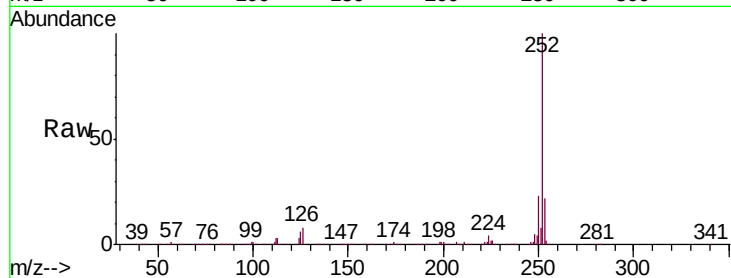




#89
Benzo(k)fluoranthene
Concen: 46.604 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

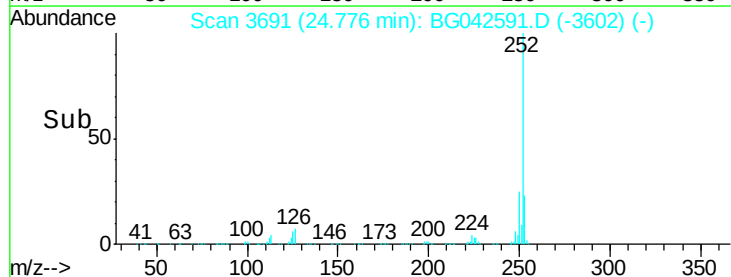
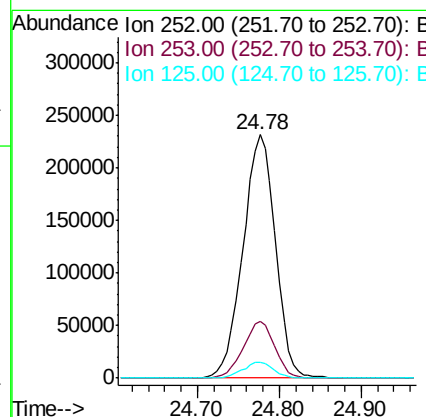
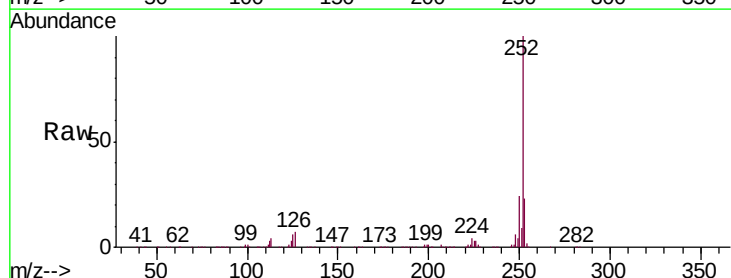
Instrument :
BNA_G
ClientSampleId :
PB122614BS

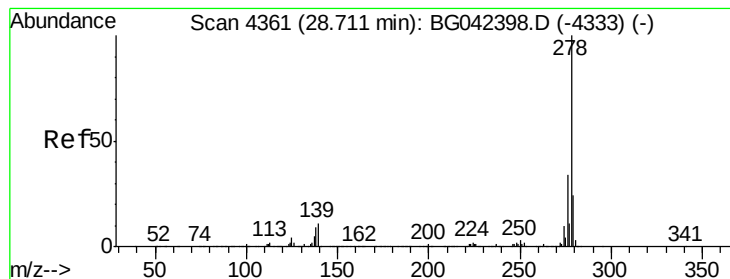
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.6	27.8
125	5.8	5.8	8.6



#90
Benzo(a)pyrene
Concen: 46.530 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042591.D
Acq: 30 Aug 2019 9:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	6.4	6.0	9.0





#91

Dibenzo(a,h)anthracene

Concen: 45.507 ng

RT: 28.70 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

Instrument :

BNA_G

ClientSampleId :

PB122614BS

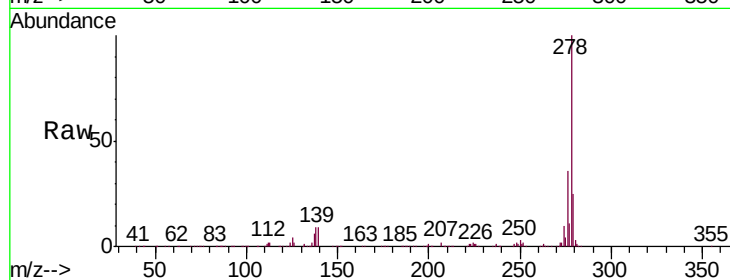
Tgt Ion:278 Resp: 632320

Ion Ratio Lower Upper

278 100

139 9.2 8.8 13.2

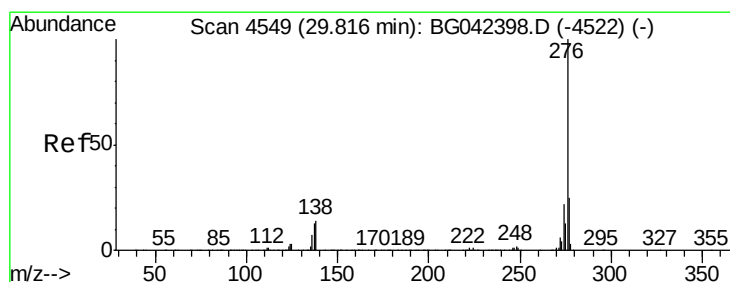
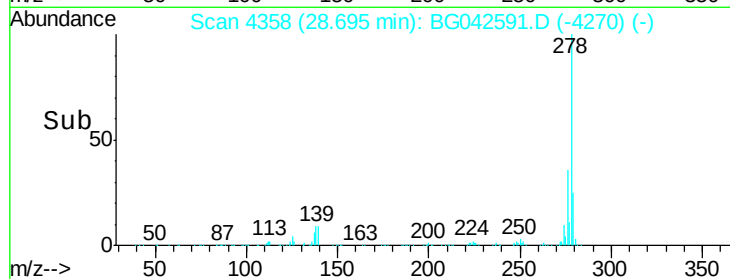
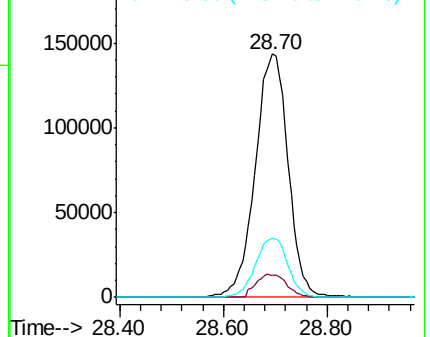
279 24.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.923 ng

RT: 29.79 min Scan# 4545

Delta R.T. -0.02 min

Lab File: BG042591.D

Acq: 30 Aug 2019 9:00

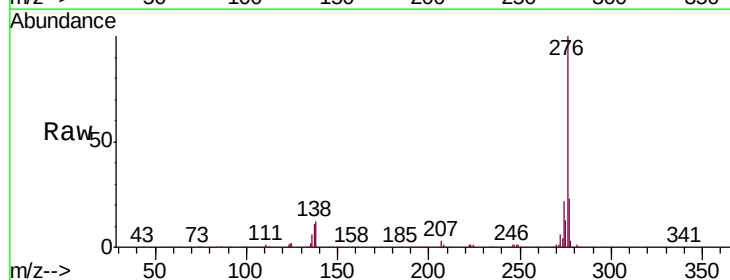
Tgt Ion:276 Resp: 638196

Ion Ratio Lower Upper

276 100

277 22.9 19.8 29.8

138 12.4 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

