

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041372.D
 Acq On : 21 Jun 2019 10:53
 Operator : HP/JU
 Sample : PB120612BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

Quant Time: Jun 21 15:08:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25713	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	96631	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	66729	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	173477	20.00	ng	0.00
76) Chrysene-d12	21.74	240	185059	20.00	ng	0.00
87) Perylene-d12	0.00	264	0	0.00	ng	-25.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	196747	140.59	ng	0.00
7) Phenol-d6	7.23	99	267161	131.71	ng	0.00
23) Nitrobenzene-d5	9.25	82	185593	80.77	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	134664	131.45	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	421500	85.85	ng	0.00
79) Terphenyl-d14	20.05	244	831624	89.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	24819	35.369	ng	95
3) Pyridine	3.87	79	67865	36.456	ng	96
4) n-Nitrosodimethylamine	3.79	42	42058	42.365	ng	94
6) Aniline	7.40	93	84920	30.118	ng	99
8) 2-Chlorophenol	7.63	128	79448	48.317	ng	97
9) Benzaldehyde	7.21	77	15417	11.883	ng	93
10) Phenol	7.26	94	101897	46.714	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	72166	43.603	ng	94
12) 1,3-Dichlorobenzene	7.96	146	89968	43.698	ng	91
13) 1,4-Dichlorobenzene	8.11	146	88039	41.862	ng	96
14) 1,2-Dichlorobenzene	8.43	146	85189	42.409	ng	96
15) Benzyl Alcohol	8.31	79	74526	38.346	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	104451	38.551	ng	100
17) 2-Methylphenol	8.51	107	71624	45.928	ng	97
18) Hexachloroethane	9.15	117	34920	41.901	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	66611	40.602	ng	98
20) 3+4-Methylphenols	8.85	107	93651	45.111	ng	96
22) Acetophenone	8.90	105	125222	44.532	ng	93
24) Nitrobenzene	9.29	77	104481	45.214	ng	97
25) Isophorone	9.81	82	185927	44.107	ng	99
26) 2-Nitrophenol	10.01	139	45432	48.494	ng	94
27) 2,4-Dimethylphenol	10.05	122	73409	52.274	ng	94
28) bis(2-Chloroethoxy)methane	10.29	93	96396	43.888	ng	97
29) 2,4-Dichlorophenol	10.54	162	89556	51.433	ng	91
30) 1,2,4-Trichlorobenzene	10.75	180	99521	44.628	ng	97
31) Naphthalene	10.95	128	241640	46.011	ng	100
32) Benzoic acid	10.21	122	42135	46.092	ng	95
33) 4-Chloroaniline	11.06	127	47125	21.128	ng	93
34) Hexachlorobutadiene	11.20	225	75088	42.420	ng	95
35) Caprolactam	11.85	113	11697	19.513	ng	# 70
36) 4-Chloro-3-methylphenol	12.17	107	94352	46.912	ng	93
37) 2-Methylnaphthalene	12.54	142	179177	46.323	ng	98
38) 1-Methylnaphthalene	12.76	142	168630	45.566	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	128044	46.470	ng	98

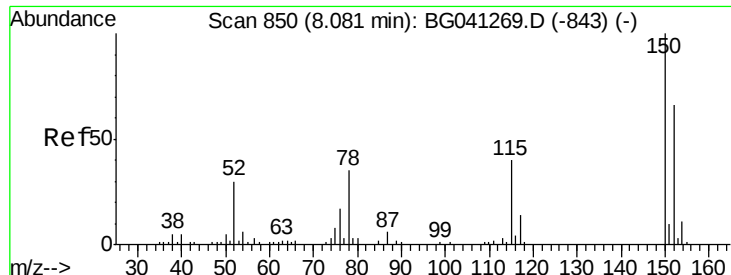
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041372.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	185404	99.892	nq	100
43) 2,4,6-Trichlorophenol	13.15	196	81540	47.837	nq	97
44) 2,4,5-Trichlorophenol	13.23	196	89835	51.221	nq	96
46) 1,1'-Biphenyl	13.54	154	235563	46.695	nq	98
47) 2-Chloronaphthalene	13.60	162	194124	44.696	nq	100
48) 2-Nitroaniline	13.81	65	67767	42.604	nq	94
49) Acenaphthylene	14.44	152	304632	46.222	nq	99
50) Dimethylphthalate	14.16	163	259210	43.658	nq	100
51) 2,6-Dinitrotoluene	14.29	165	56723	45.309	nq	92
52) Acenaphthene	14.78	154	175736	45.409	nq	95
53) 3-Nitroaniline	14.63	138	34629	28.076	nq	99
54) 2,4-Dinitrophenol	14.84	184	78398	86.663	nq	92
55) Dibenzofuran	15.11	168	308862	45.902	nq	96
56) 4-Nitrophenol	14.94	139	84165	89.428	nq	92
57) 2,4-Dinitrotoluene	15.08	165	80926	44.221	nq	94
58) Fluorene	15.76	166	240751	45.483	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	86217	47.537	nq	98
60) Diethylphthalate	15.51	149	260496	43.166	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	151319	43.938	nq	98
62) 4-Nitroaniline	15.80	138	57336	43.463	nq	93
63) Azobenzene	16.03	77	235638	43.768	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	51737	45.948	nq	97
66) n-Nitrosodiphenylamine	15.96	169	218402	47.414	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	97216	43.340	nq	93
68) Hexachlorobenzene	16.75	284	102532	42.686	nq	96
69) Atrazine	16.90	200	95509	Below Cal		97
70) Pentachlorophenol	17.10	266	120066	97.618	nq	98
71) Phenanthrene	17.50	178	421739	45.583	nq	97
72) Anthracene	17.59	178	439502	48.184	nq	99
73) Carbazole	17.87	167	387108	48.515	nq	99
74) Di-n-butylphthalate	18.39	149	465066	46.712	nq	99
75) Fluoranthene	19.51	202	584238	47.531	nq	99
77) Benzidine	19.69	184	282736	63.165	nq	98
78) Pyrene	19.87	202	589619	47.243	nq	99
80) Butylbenzylphthalate	20.73	149	220436	46.695	nq	98
81) Benzo(a)anthracene	21.72	228	565671	45.145	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	133087	30.257	nq	99
83) Chrysene	21.79	228	553502	45.934	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	294548	45.785	nq	99

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

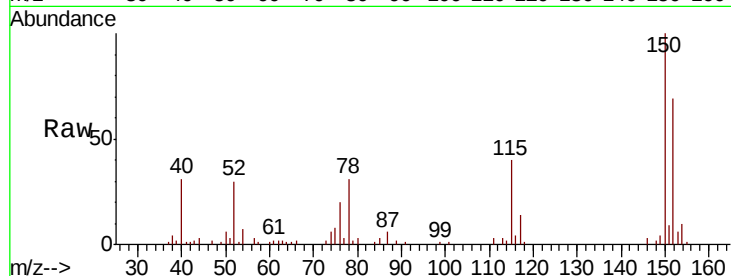


#1

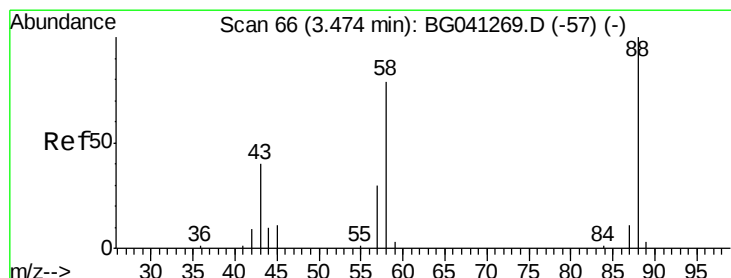
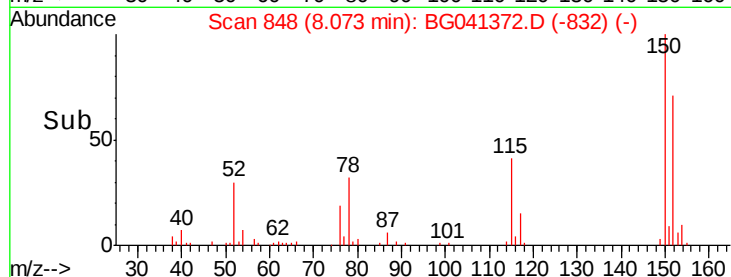
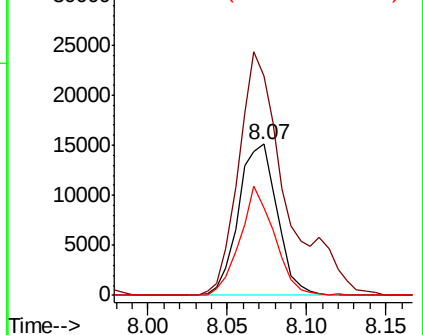
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion:152 Resp: 25713
Ion Ratio Lower Upper
152 100
150 145.1 120.6 181.0
115 58.3 47.9 71.9



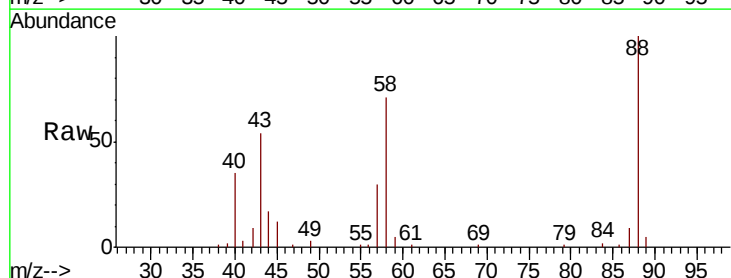
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



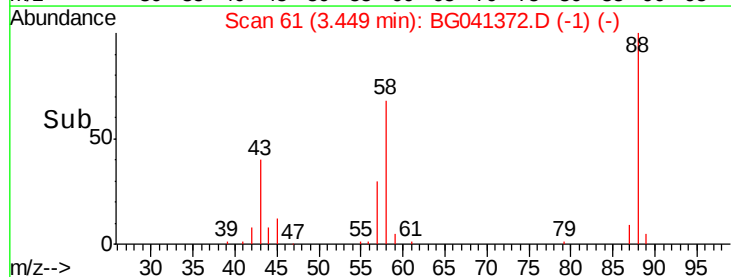
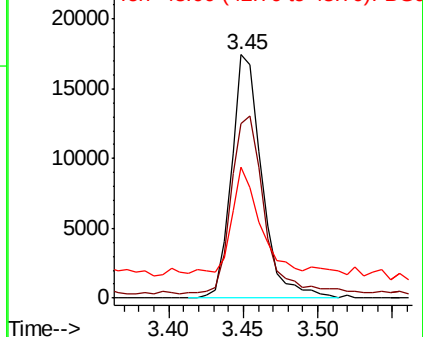
#2

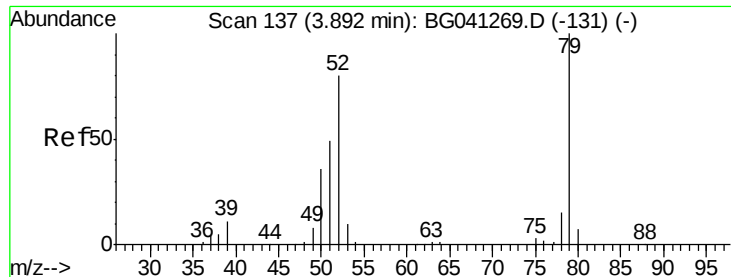
1,4-Dioxane
Concen: 35.369 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.03 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion: 88 Resp: 24819
Ion Ratio Lower Upper
88 100
58 80.0 59.7 89.5
43 41.3 31.9 47.9



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





#3

Pvridine

Concen: 36.456 ng

RT: 3.87 min Scan# 132

Delta R.T. -0.03 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

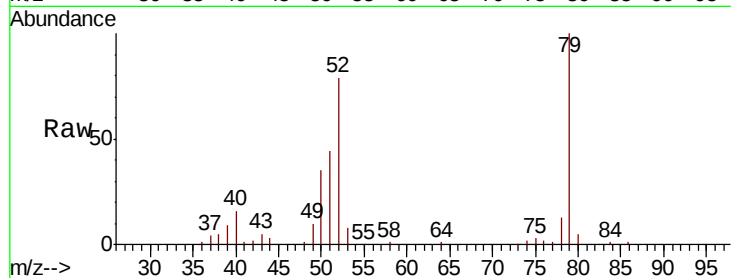
Tot Ion: 79 Resp: 67865

Ion Ratio Lower Upper

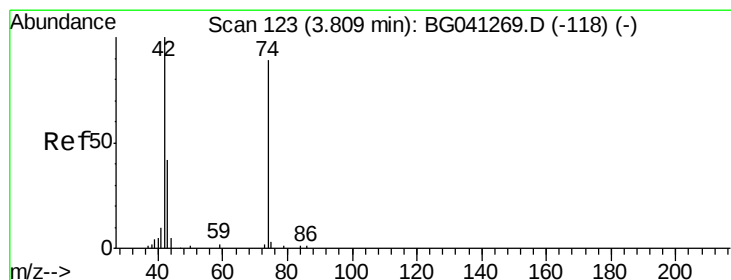
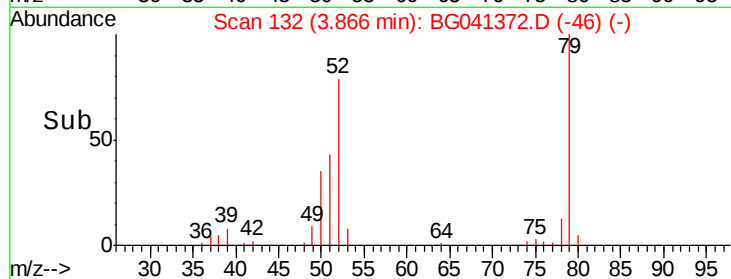
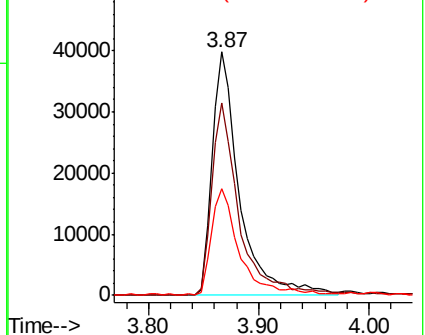
79 100

52 78.8 63.6 95.4

51 43.7 39.8 59.6



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: 42.365 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.02 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

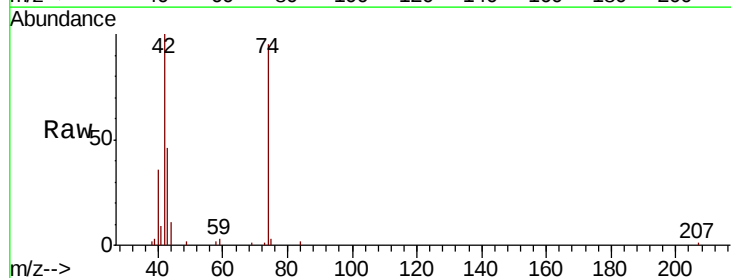
Tgt Ion: 42 Resp: 42058

Ion Ratio Lower Upper

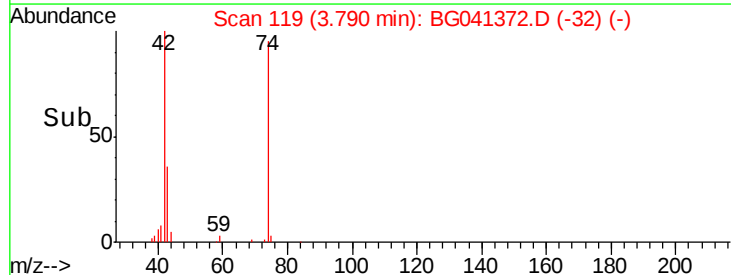
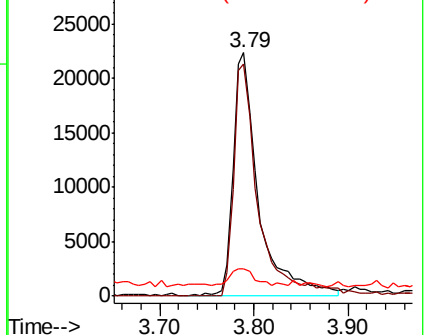
42 100

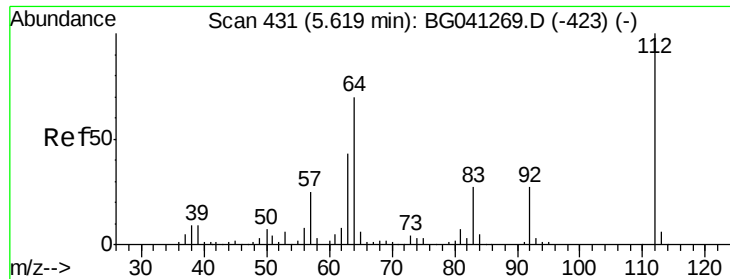
74 95.3 71.6 107.4

44 11.0 9.0 13.4



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: 140.593 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

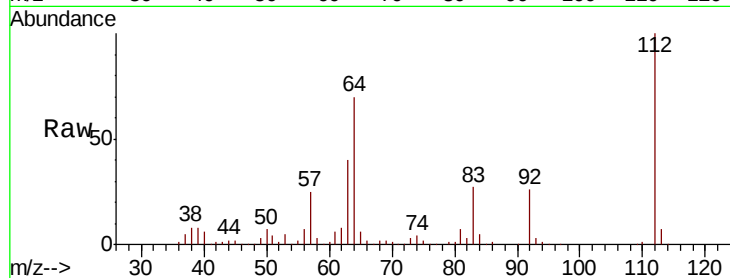
Tot Ion: 112 Resp: 196747

Ion Ratio Lower Upper

112 100

64 69.8 55.9 83.9

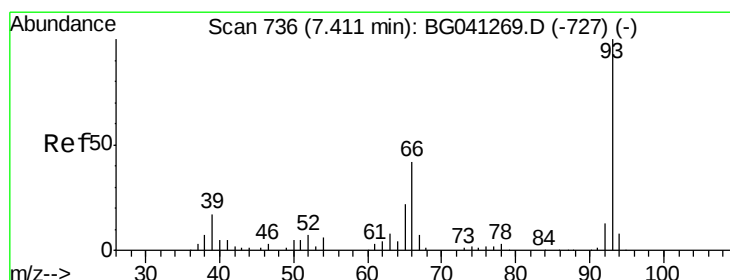
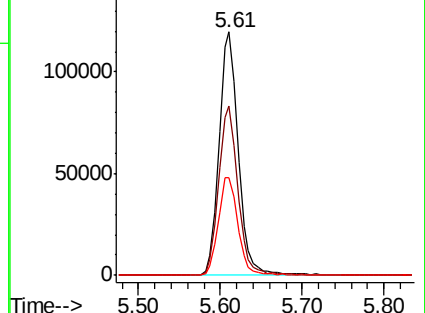
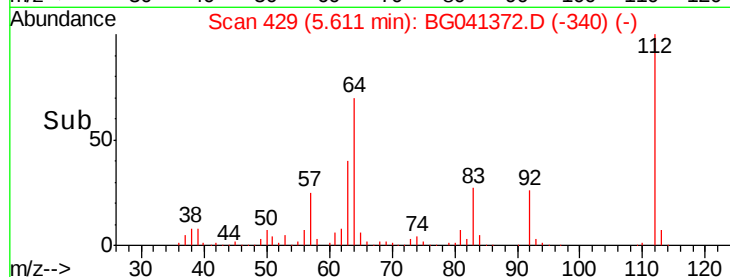
63 40.3 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.118 ng

RT: 7.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

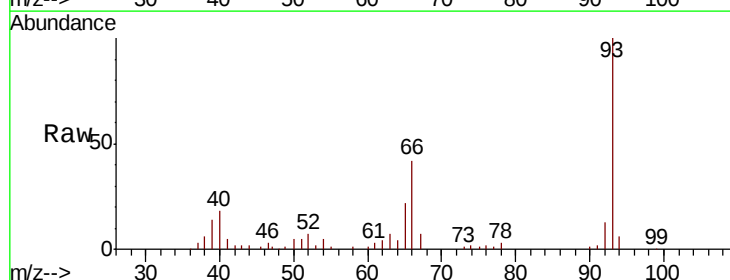
Tgt Ion: 93 Resp: 84920

Ion Ratio Lower Upper

93 100

66 42.1 34.2 51.2

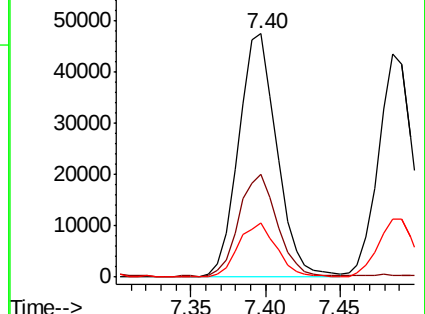
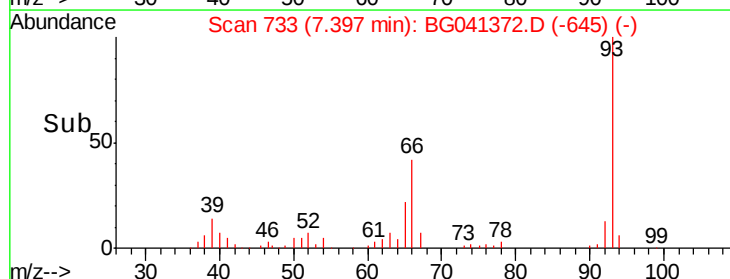
65 22.3 17.7 26.5

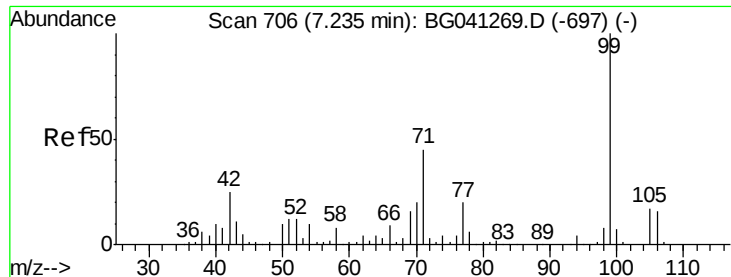


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.706 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

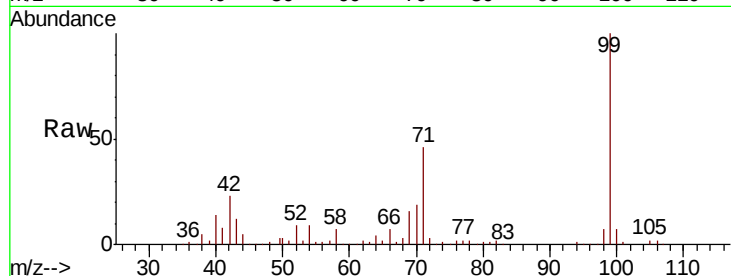
Tot Ion: 99 Resp: 267161

Ion Ratio Lower Upper

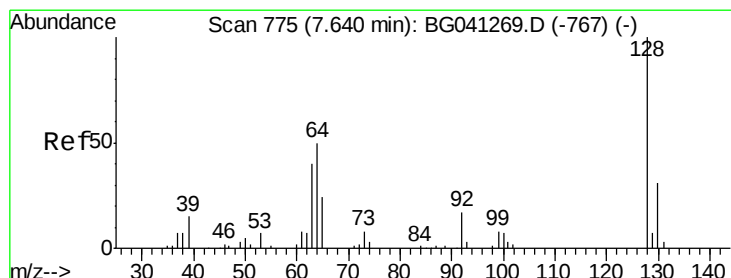
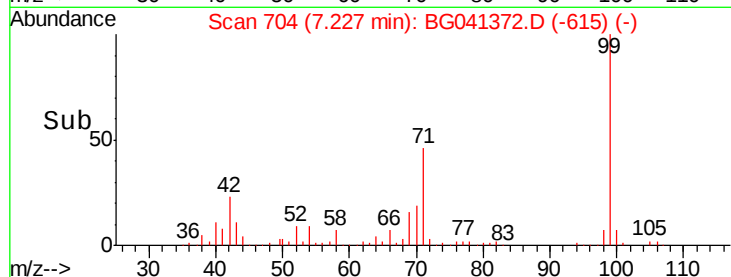
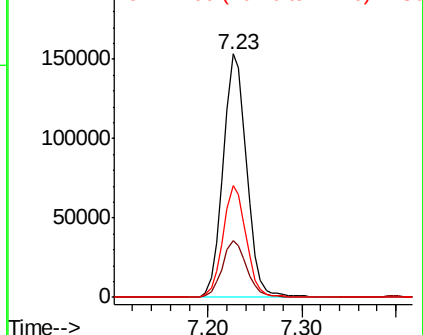
99 100

42 23.4 19.9 29.9

71 46.1 36.4 54.6



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



#8

2-Chlorophenol

Concen: 48.317 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

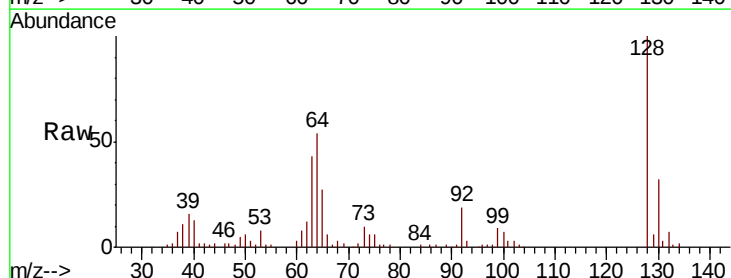
Tgt Ion: 128 Resp: 79448

Ion Ratio Lower Upper

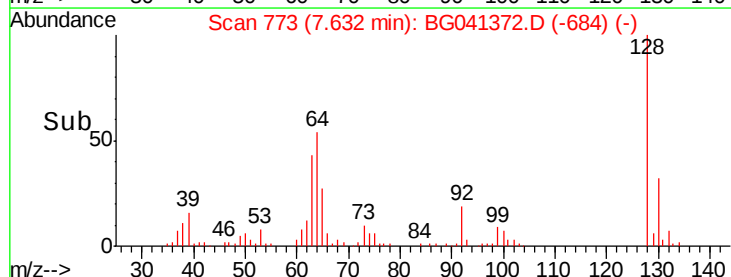
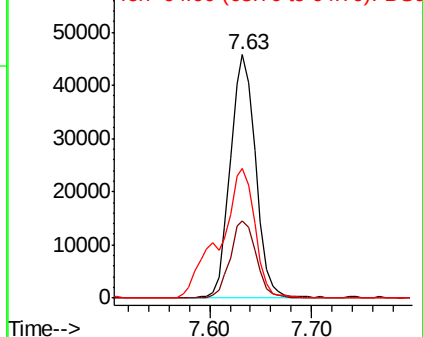
128 100

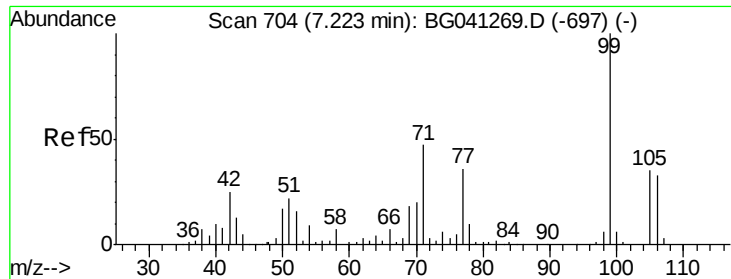
130 31.8 11.1 51.1

64 53.5 36.6 76.6



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: 11.883 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

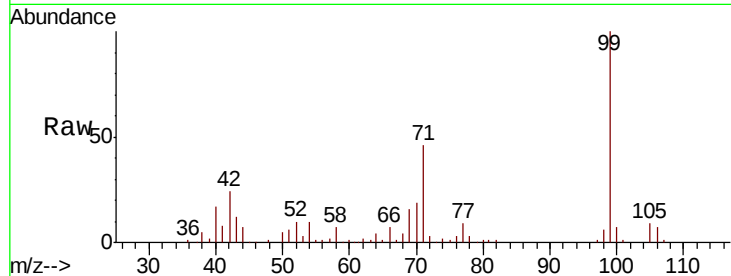
Tot Ion: 77 Resp: 15417

Ion Ratio Lower Upper

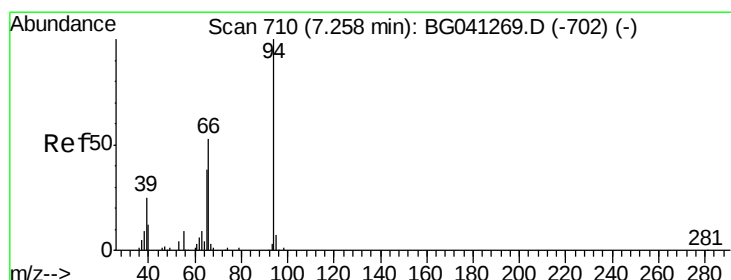
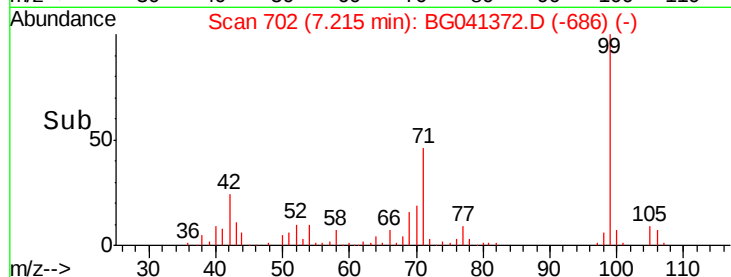
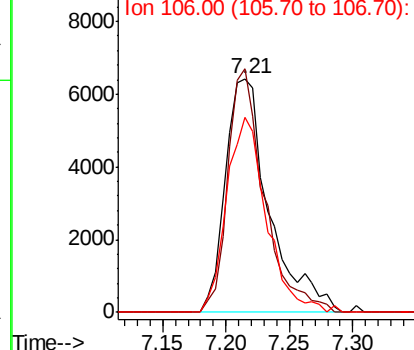
77 100

105 104.1 78.7 118.7

106 83.2 71.1 111.1



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



#10

Phenol

Concen: 46.714 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

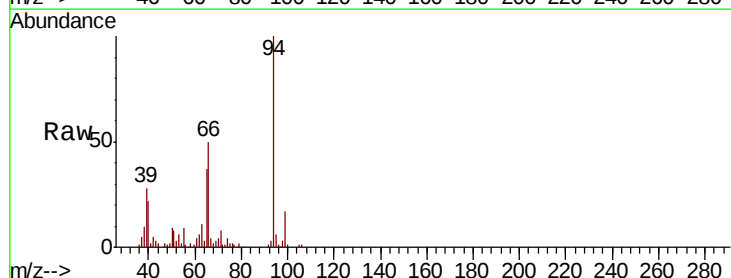
Tgt Ion: 94 Resp: 101897

Ion Ratio Lower Upper

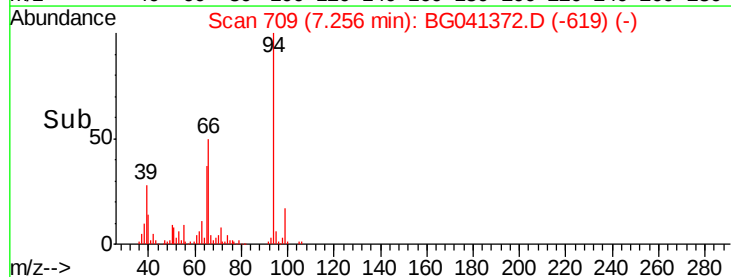
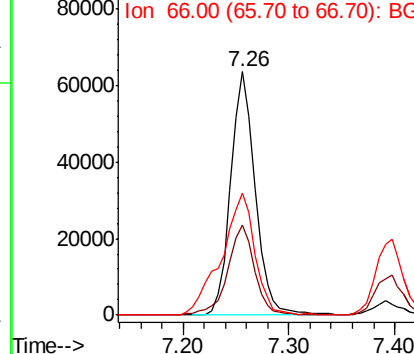
94 100

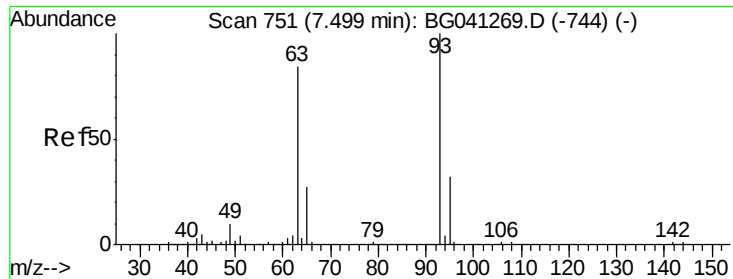
65 36.7 18.7 58.7

66 50.2 35.5 75.5



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



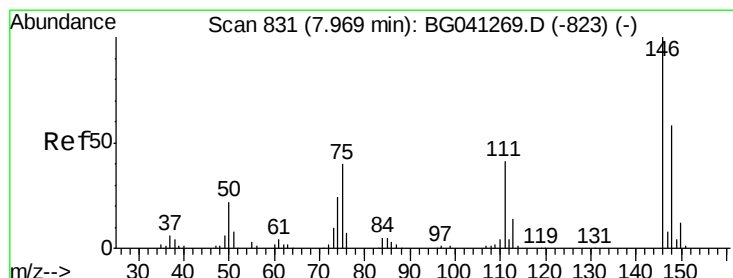
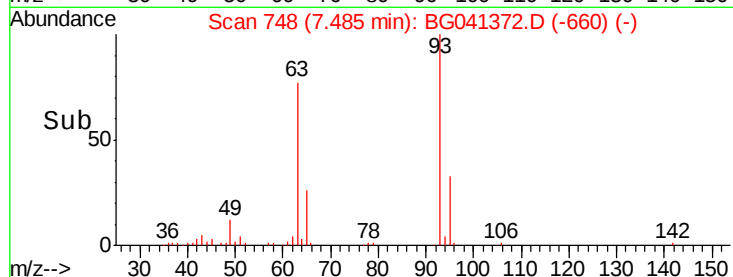
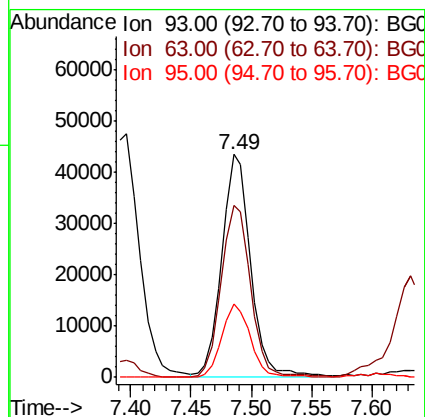
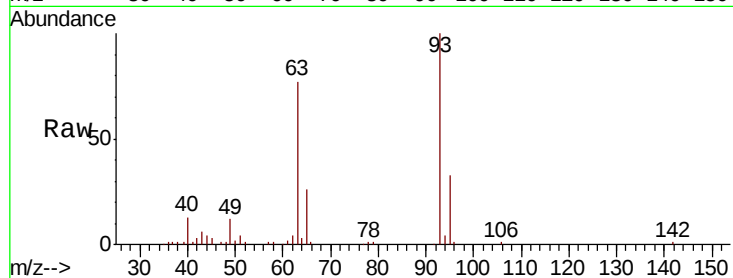


#11

bis(2-Chloroethyl)ether
Concen: 43.603 ng
RT: 7.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

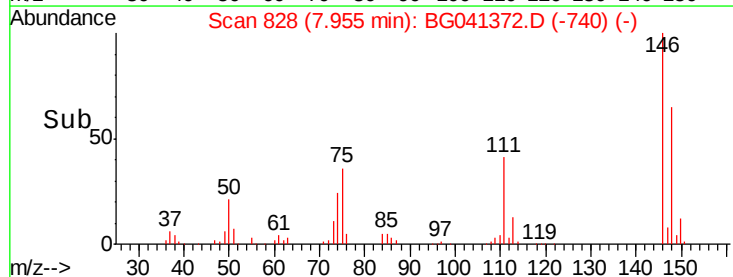
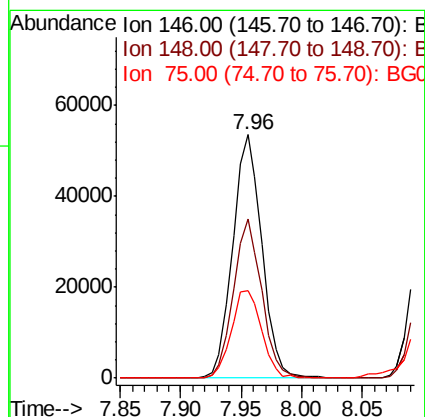
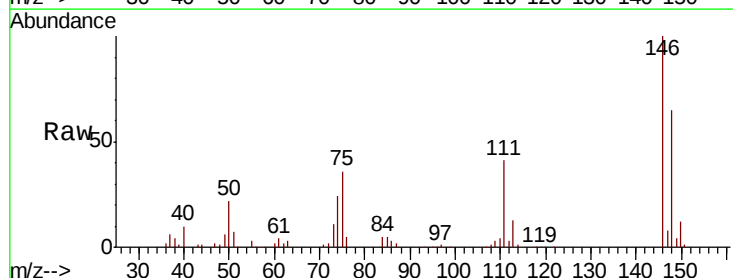
Tot Ion: 93 Resp: 72166
Ion Ratio Lower Upper
93 100
63 77.2 63.6 103.6
95 32.8 11.2 51.2



#12

1,3-Dichlorobenzene
Concen: 43.698 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion: 146 Resp: 89968
Ion Ratio Lower Upper
146 100
148 65.5 46.5 69.7
75 36.1 32.2 48.4

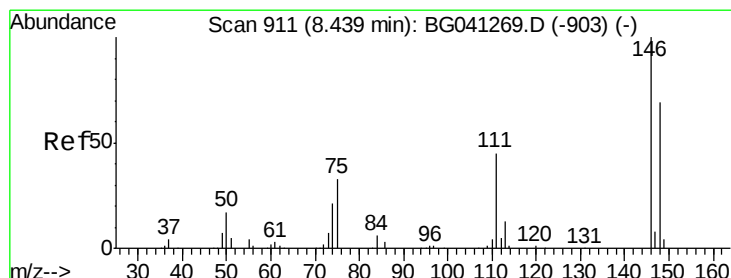
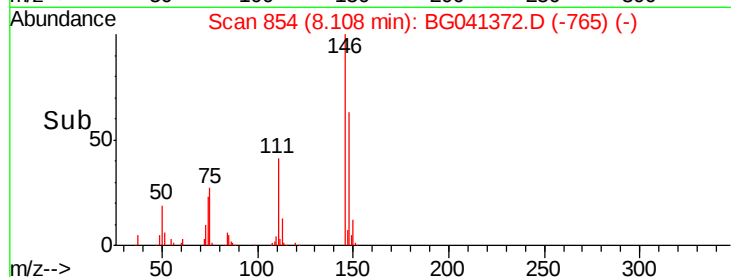
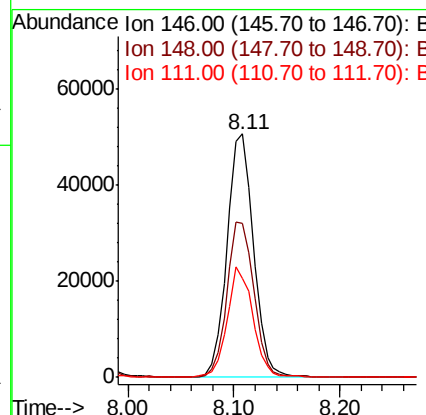
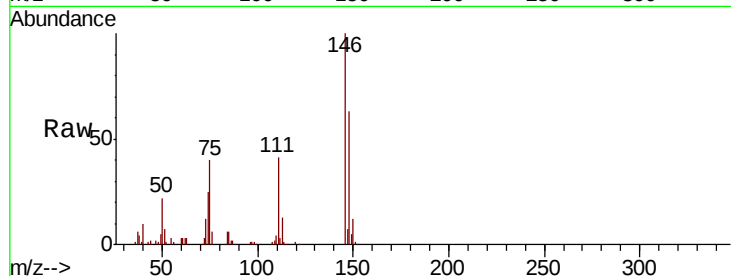




#13
 1,4-Dichlorobenzene
 Concen: 41.862 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

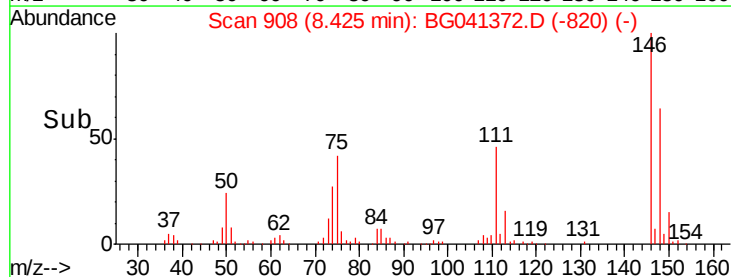
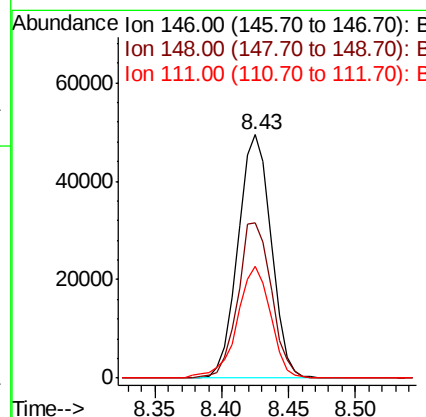
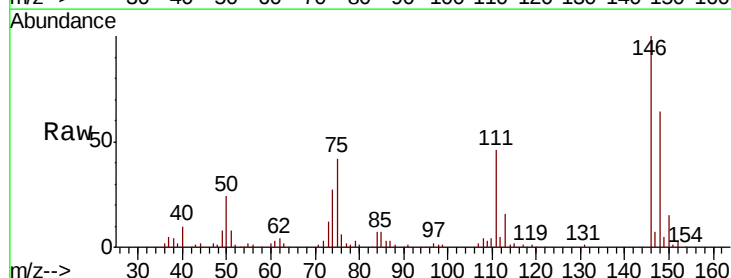
Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

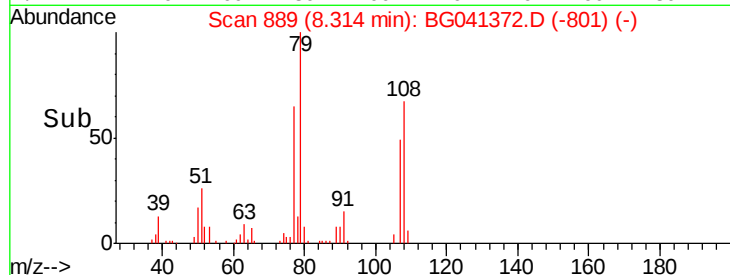
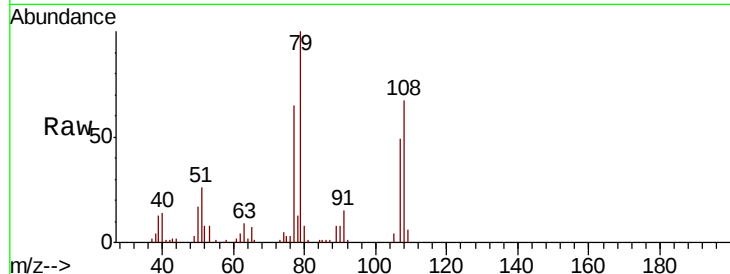
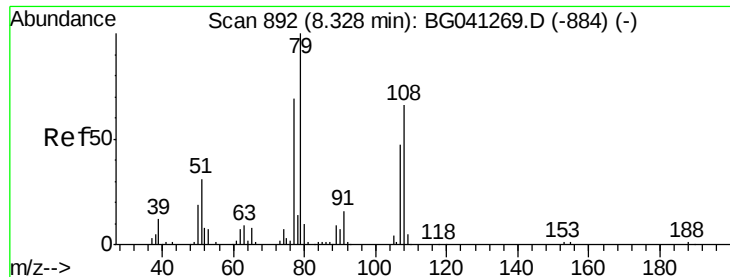
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	47.3	70.9
111	40.8	33.4	50.0



#14
 1,2-Dichlorobenzene
 Concen: 42.409 ng
 RT: 8.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	54.9	82.3
111	45.8	37.0	55.6

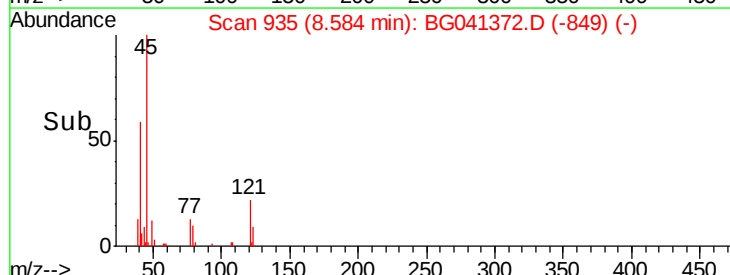
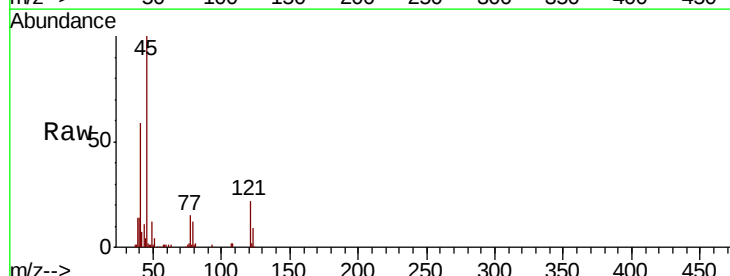
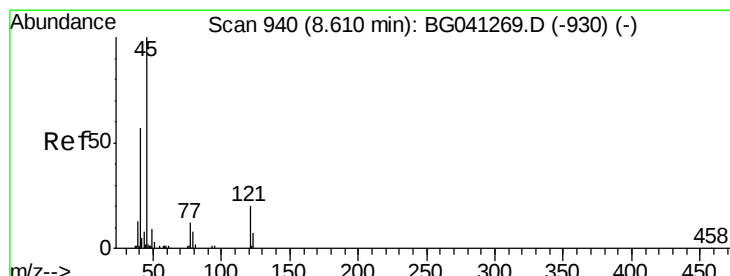
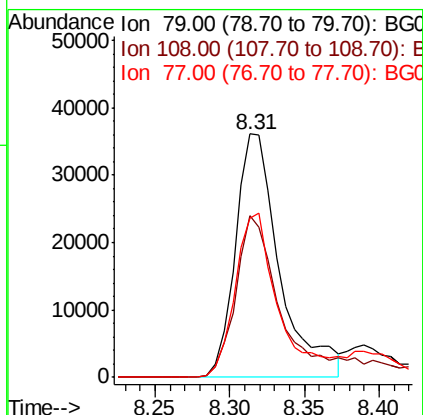




#15
Benzyl Alcohol
Concen: 38.346 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

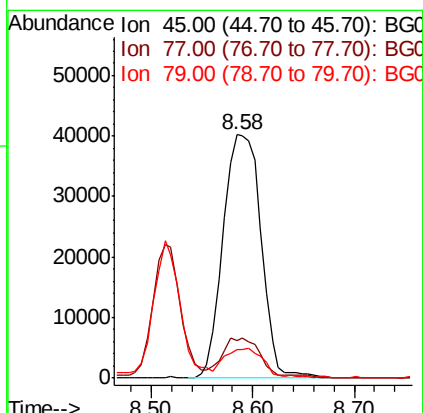
Instrument :
BNA_G
ClientSampleId :
PB120612BS

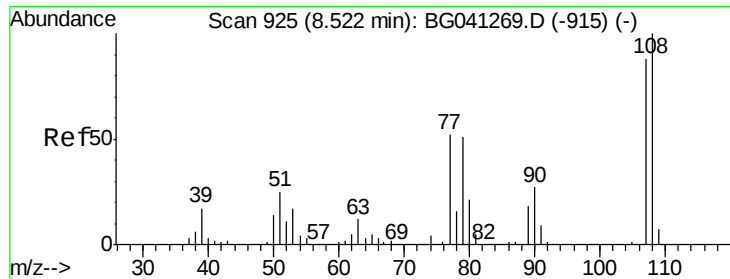
Tot Ion	Ratio	Lower	Upper
79	100		
108	66.5	52.7	79.1
77	65.3	55.2	82.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.551 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.03 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	35.2
79	11.5	0.0	31.6

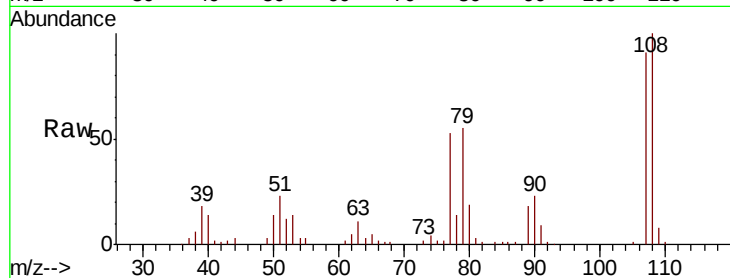




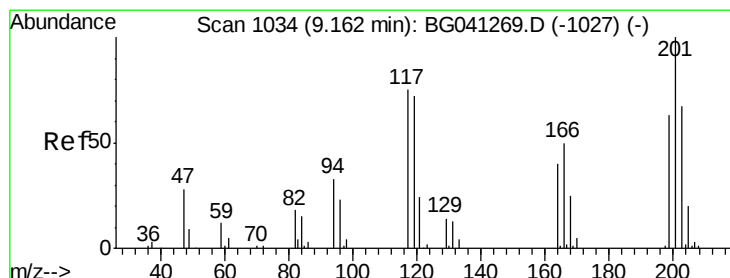
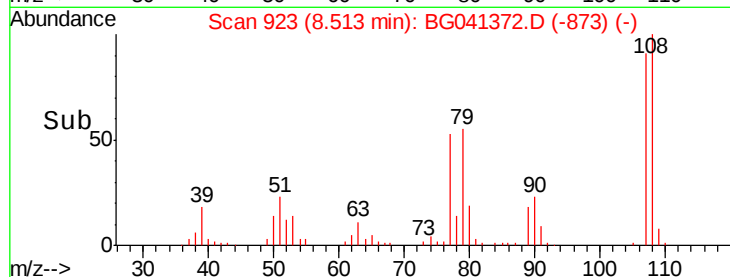
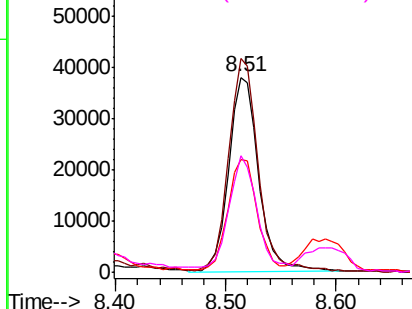
#17
2-Methylphenol
Concen: 45.928 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion:107 Resp: 71624
Ion Ratio Lower Upper
107 100
108 109.5 91.7 137.5
77 58.0 47.8 71.8
79 59.7 46.8 70.2

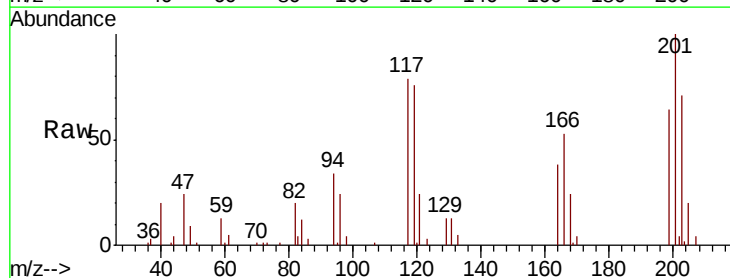


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

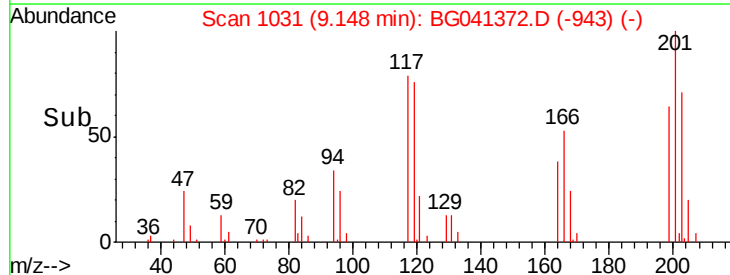
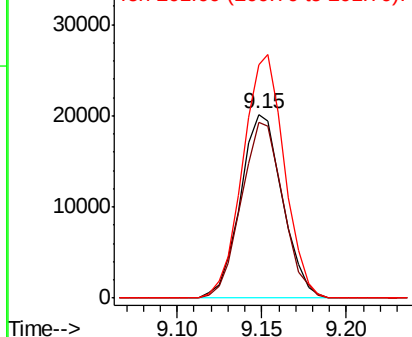


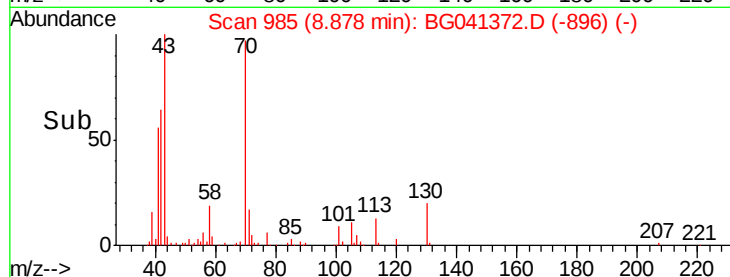
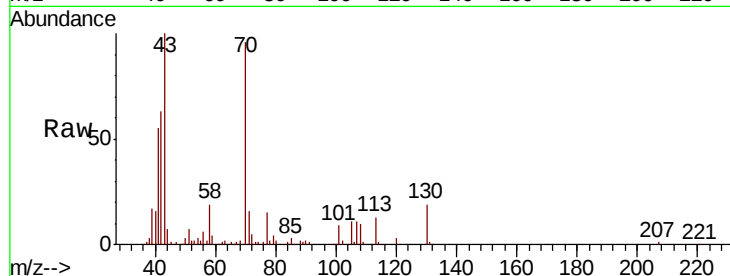
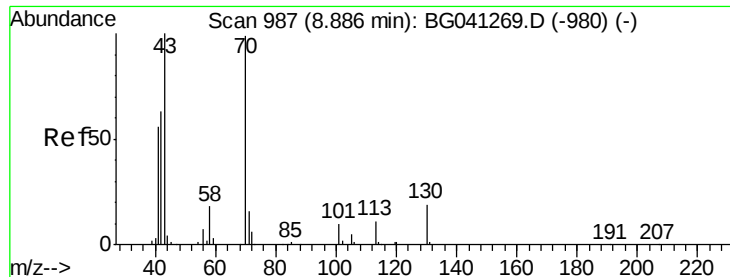
#18
Hexachloroethane
Concen: 41.901 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion:117 Resp: 34920
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2
201 126.5 106.3 159.5



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

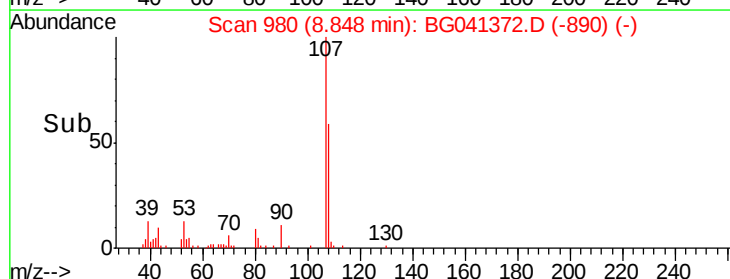
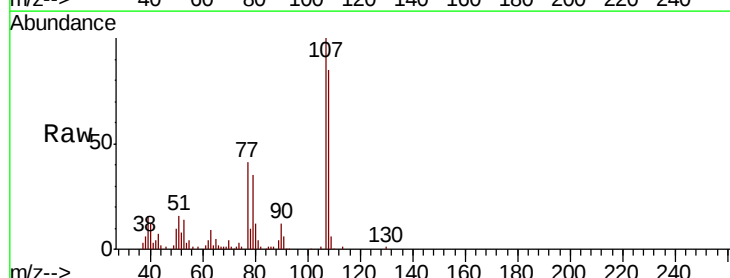
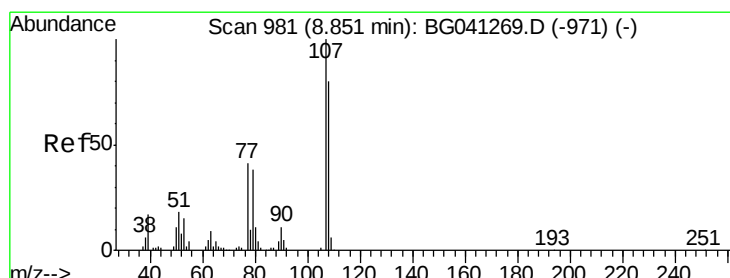
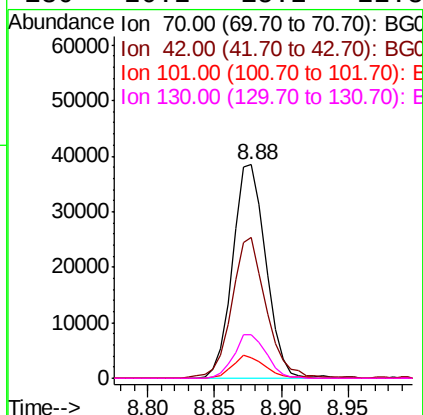




#19
n-Nitroso-di-n-propylamine
Concen: 40.602 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

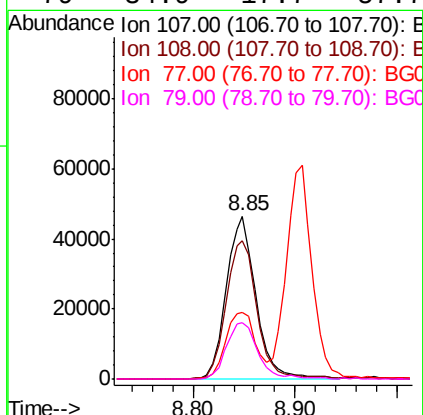
Instrument :
BNA_G
ClientSampleId :
PB120612BS

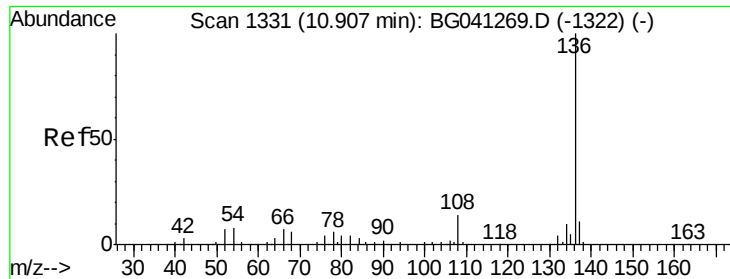
Tot Ion:	70	Resp:	66611
Ion	Ratio	Lower	Upper
70	100		
42	65.9	51.4	77.2
101	9.7	8.2	12.2
130	20.2	15.2	22.8



#20
3+4-Methylphenols
Concen: 45.111 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion:	107	Resp:	93651
Ion	Ratio	Lower	Upper
107	100		
108	85.1	60.4	100.4
77	40.9	21.2	61.2
79	34.9	17.7	57.7

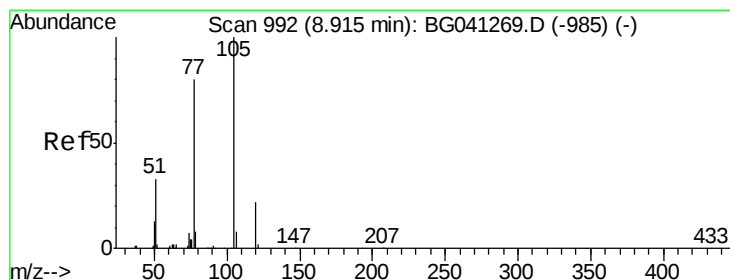
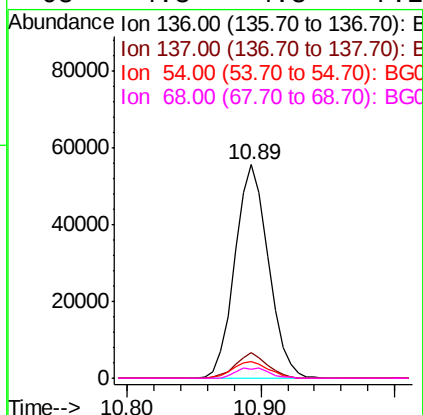
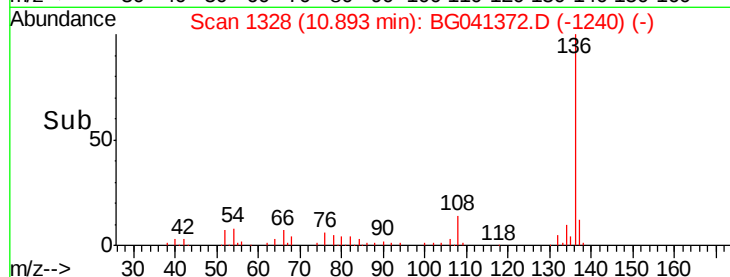
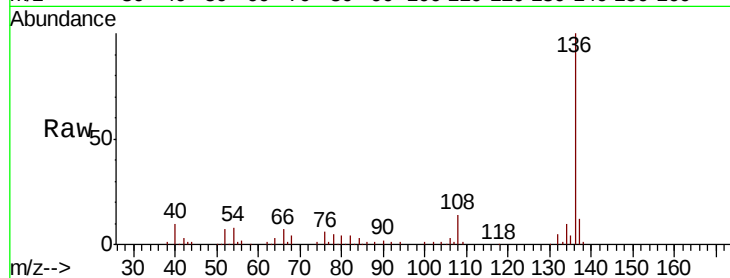




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

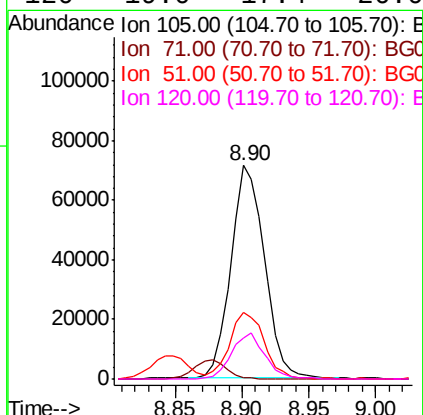
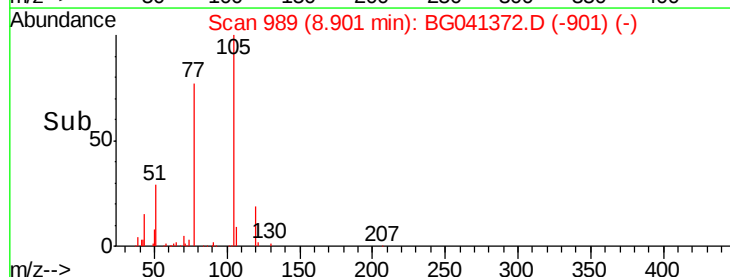
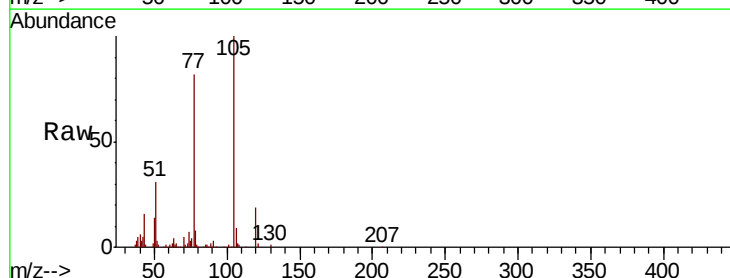
Instrument :
BNA_G
ClientSampleId :
PB120612BS

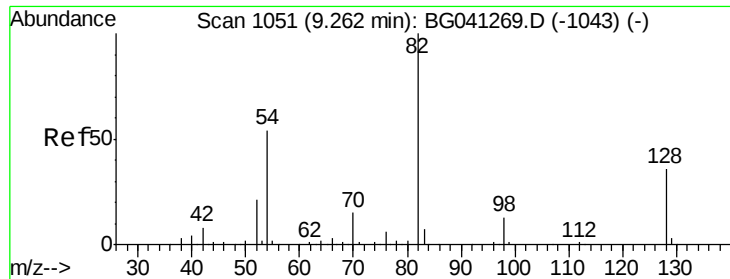
Tot Ion:136	Resp:	96631
Ion Ratio	Lower	Upper
136	100	
137	12.0	8.8 13.2
54	7.5	6.4 9.6
68	4.3	4.8 7.2#



#22
Acetophenone
Concen: 44.532 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion:105	Resp:	125222
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.4 0.6
51	31.0	28.2 42.4
120	19.0	17.4 26.0

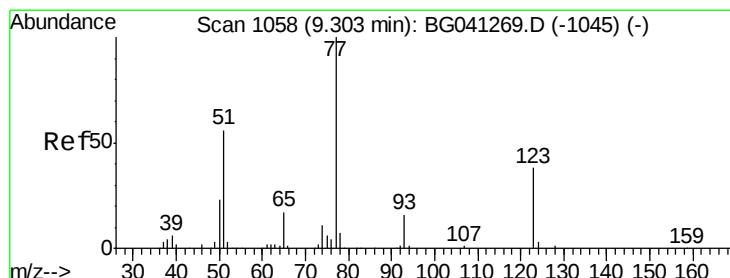
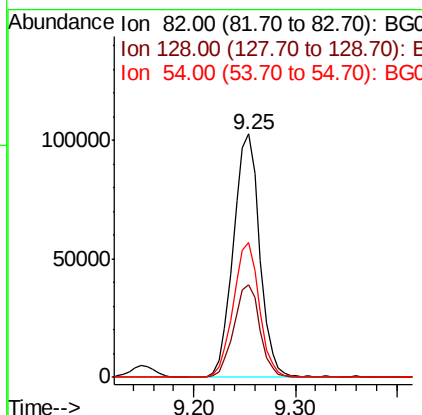
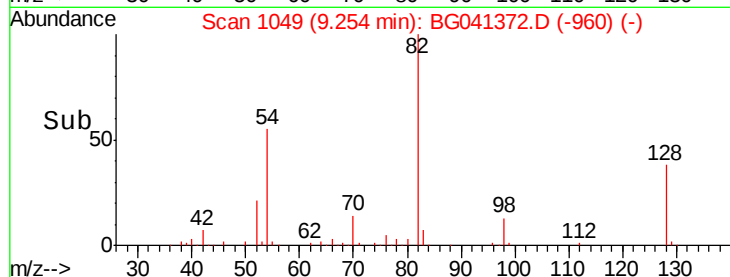
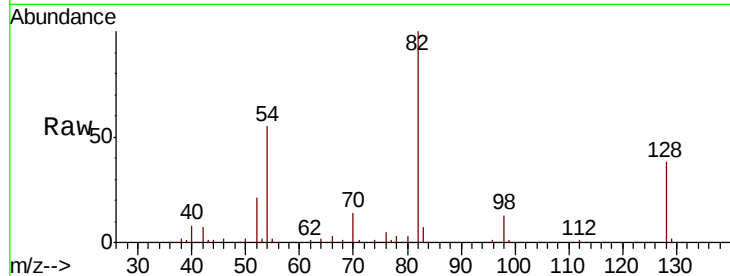




#23
Nitrobenzene-d5
Concen: 80.775 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

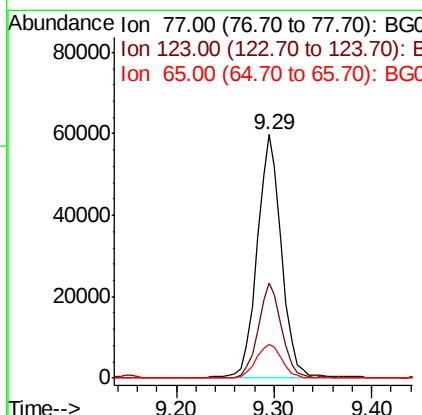
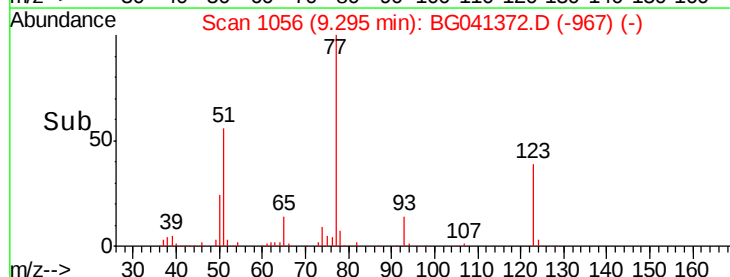
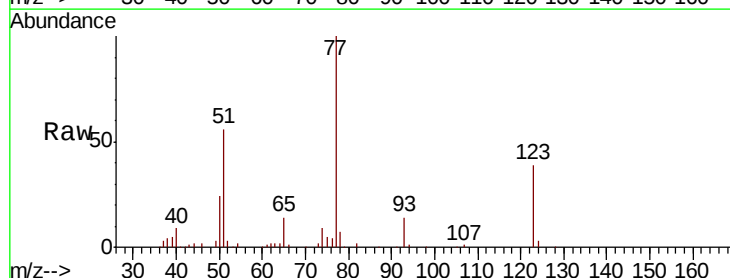
Instrument :
BNA_G
ClientSampleId :
PB120612BS

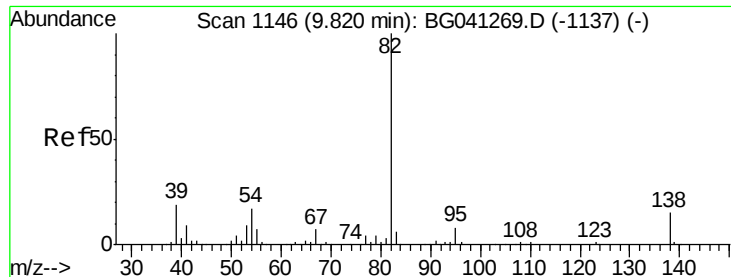
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.2	43.8
54	55.2	43.4	65.0



#24
Nitrobenzene
Concen: 45.214 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.4	45.6
65	14.1	13.3	19.9





#25

Isophorone

Concen: 44.107 ng

RT: 9.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

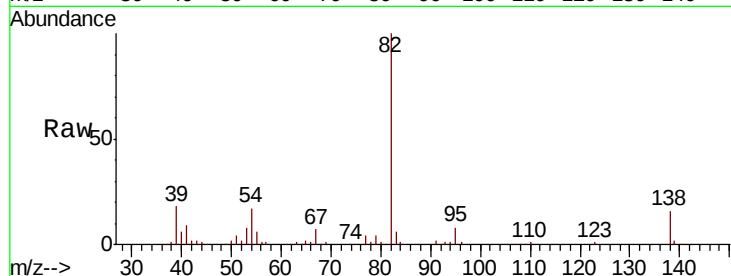
Tot Ion: 82 Resp: 185927

Ion Ratio Lower Upper

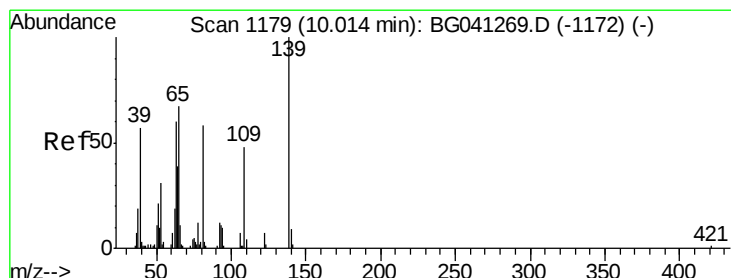
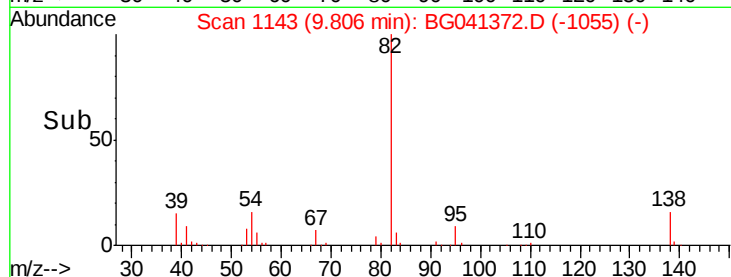
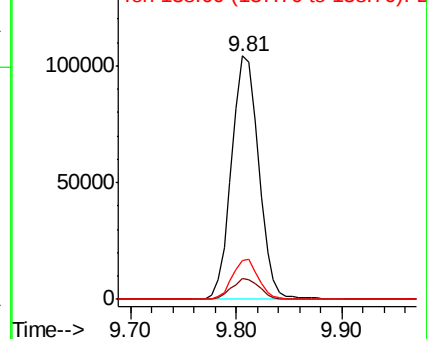
82 100

95 8.4 6.6 10.0

138 16.1 12.3 18.5



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



#26

2-Nitrophenol

Concen: 48.494 ng

RT: 10.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

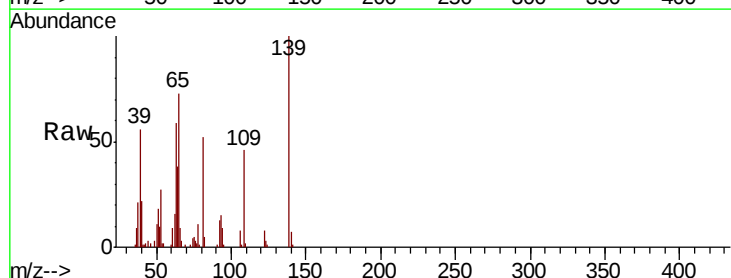
Tgt Ion: 139 Resp: 45432

Ion Ratio Lower Upper

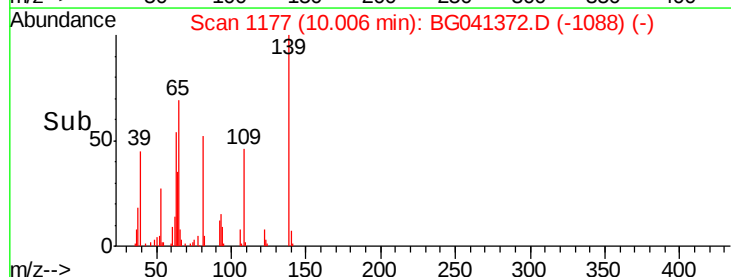
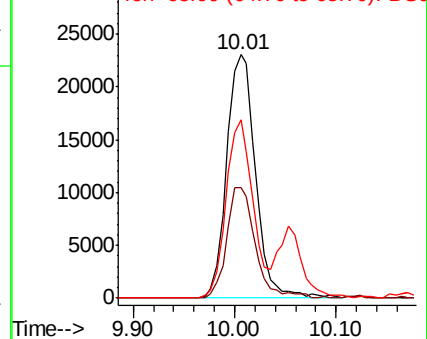
139 100

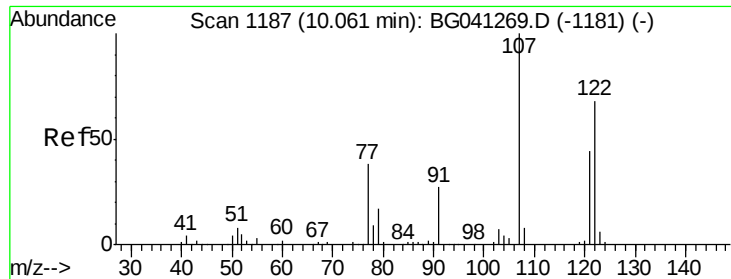
109 45.6 38.4 57.6

65 73.4 53.6 80.4



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

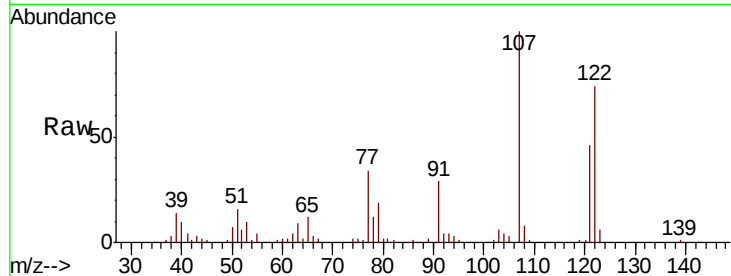




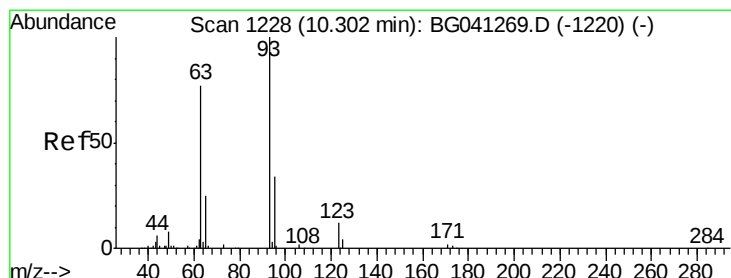
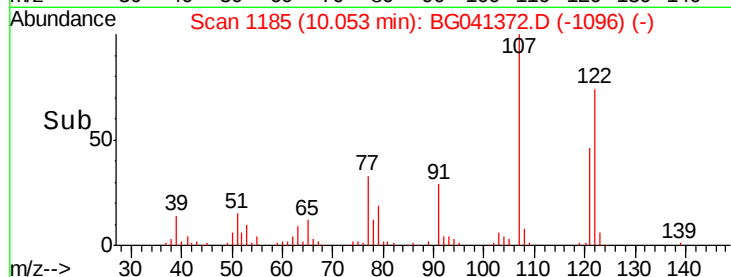
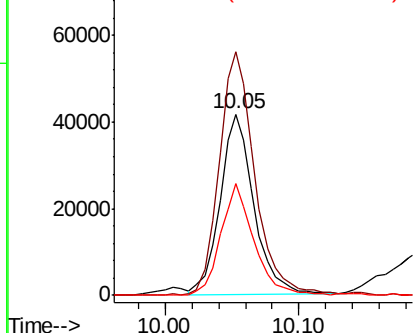
#27
2,4-Dimethylphenol
Concen: 52.274 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion:122 Resp: 73409
Ion Ratio Lower Upper
122 100
107 134.5 115.1 172.7
121 61.7 50.1 75.1

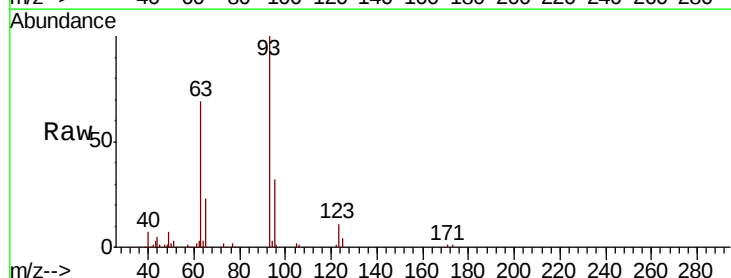


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

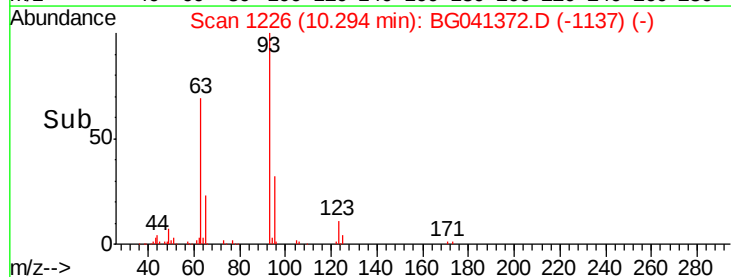
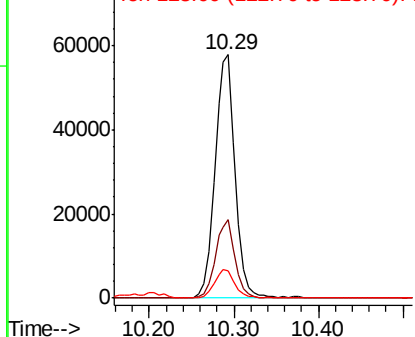


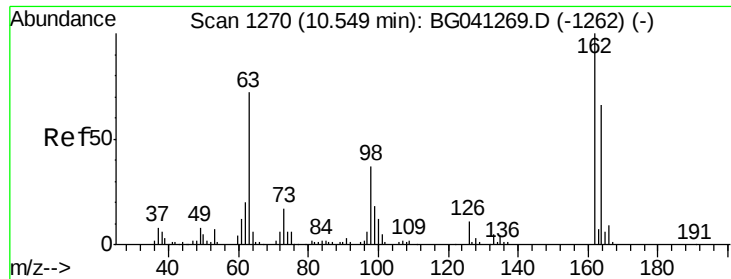
#28
bis(2-Chloroethoxy)methane
Concen: 43.888 ng
RT: 10.29 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion: 93 Resp: 96396
Ion Ratio Lower Upper
93 100
95 32.0 27.3 40.9
123 11.3 9.6 14.4



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

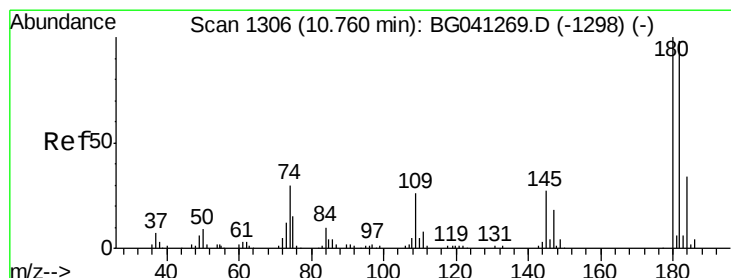
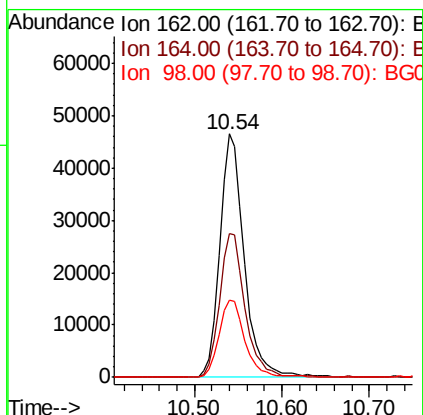
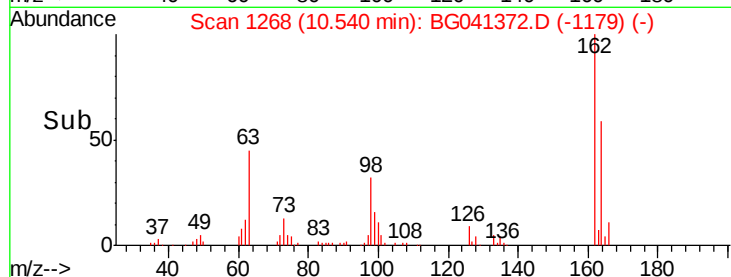
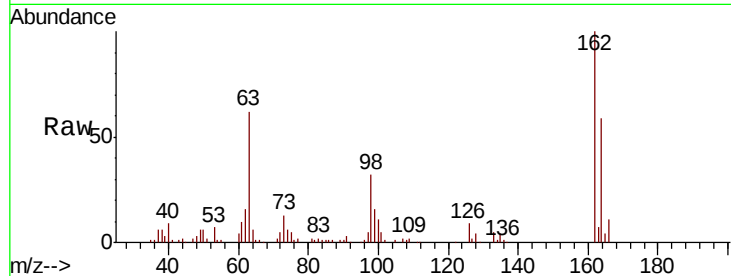




#29
2,4-Dichlorophenol
Concen: 51.433 ng
RT: 10.54 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

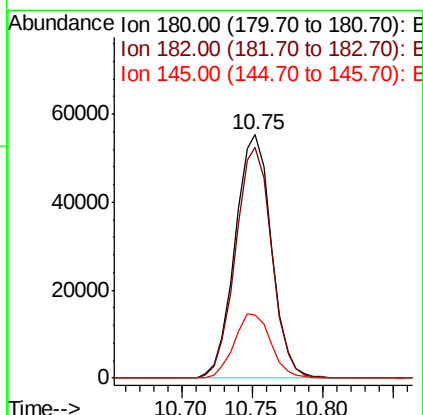
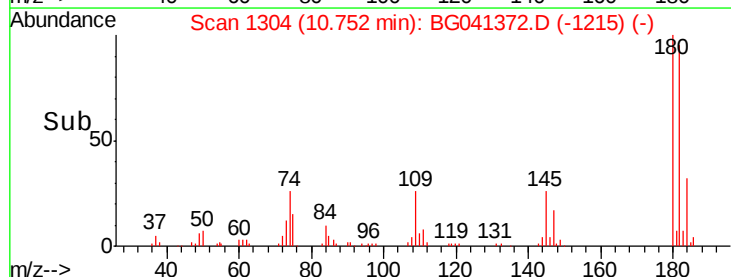
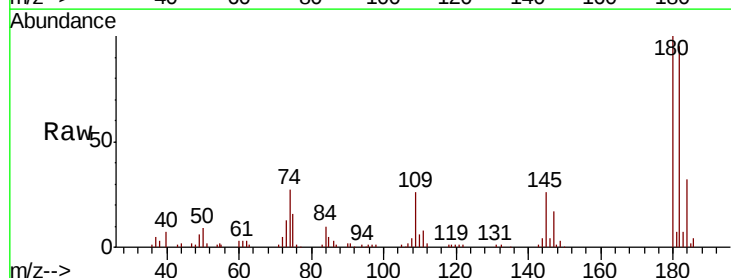
Instrument :
BNA_G
ClientSampleId :
PB120612BS

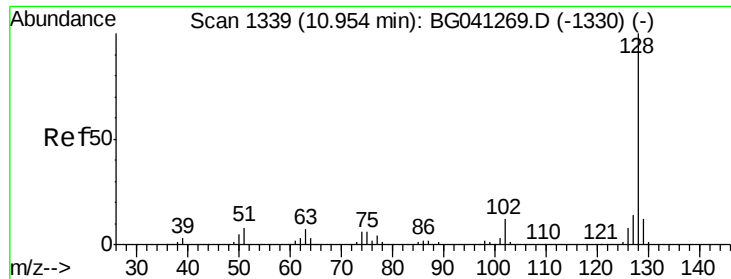
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.2	46.0	86.0
98	31.8	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 44.628 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.6	117.8
145	26.2	21.7	32.5

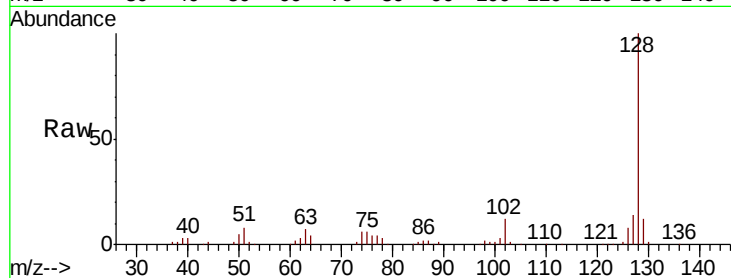




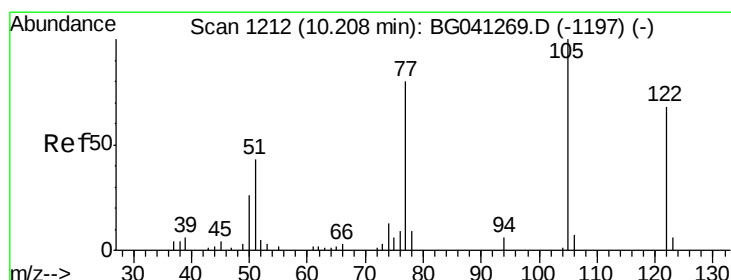
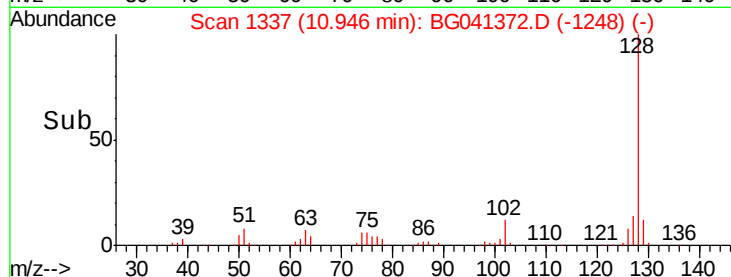
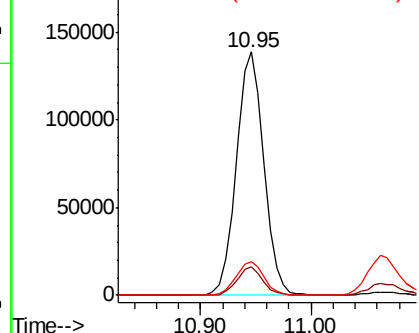
#31
Naphthalene
Concen: 46.011 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion:128 Resp: 241640
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 14.0 11.2 16.8

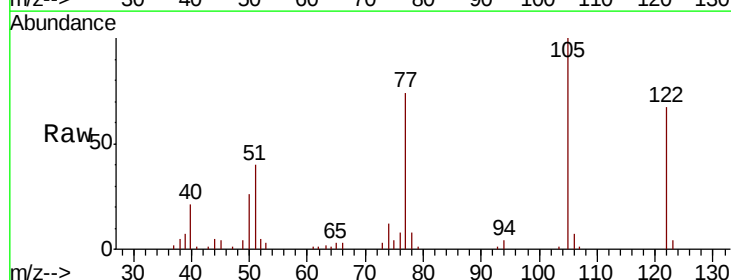


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

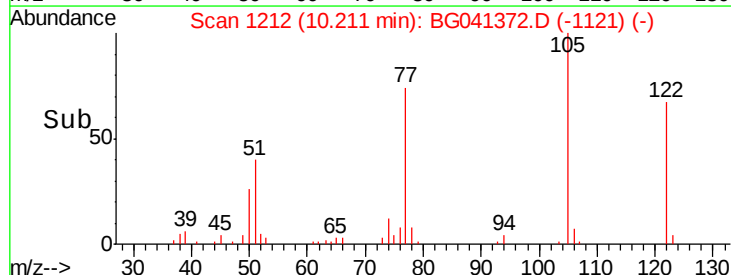
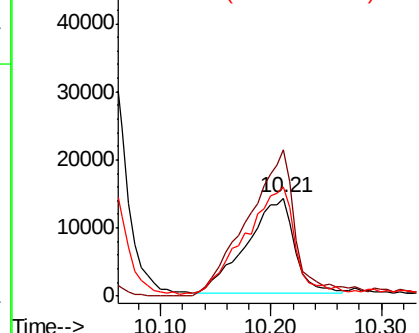


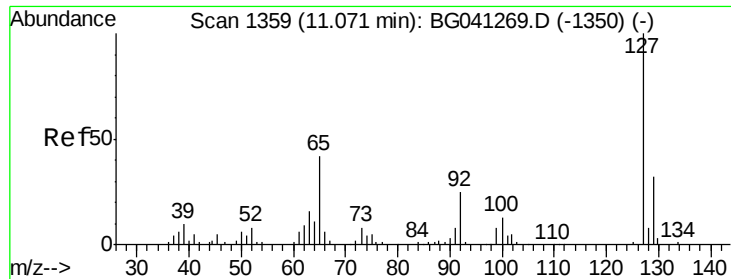
#32
Benzoic acid
Concen: 46.092 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion:122 Resp: 42135
Ion Ratio Lower Upper
122 100
105 149.5 124.2 164.2
77 111.1 97.2 137.2



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

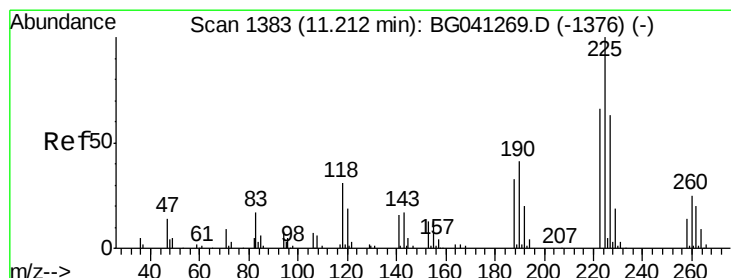
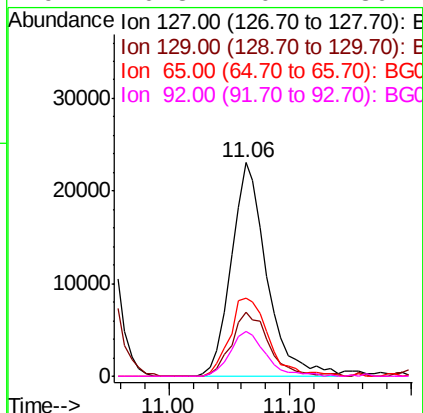
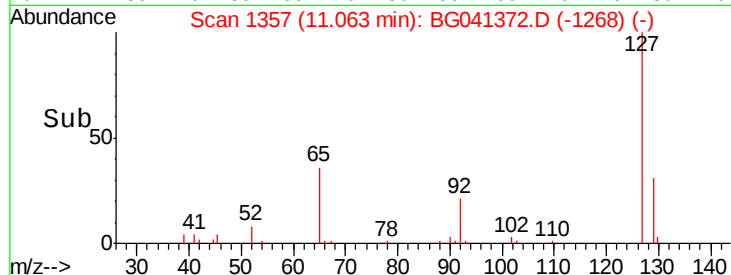
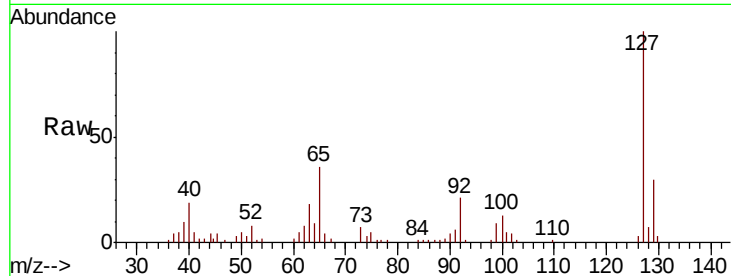




#33
4-Chloroaniline
Concen: 21.128 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

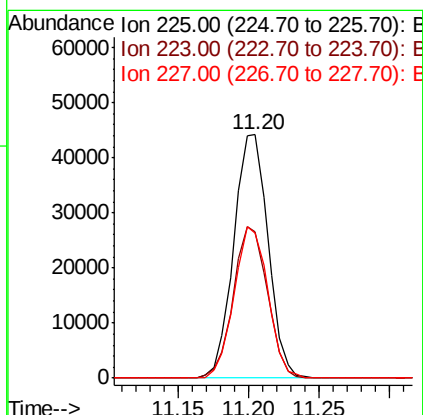
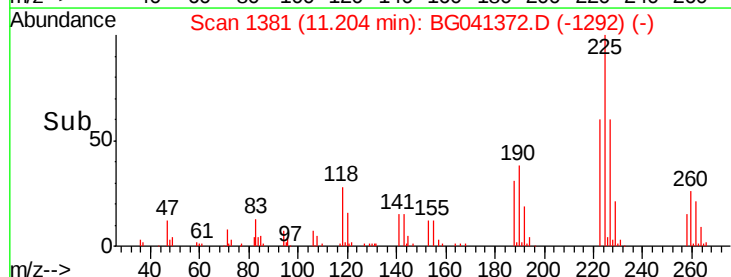
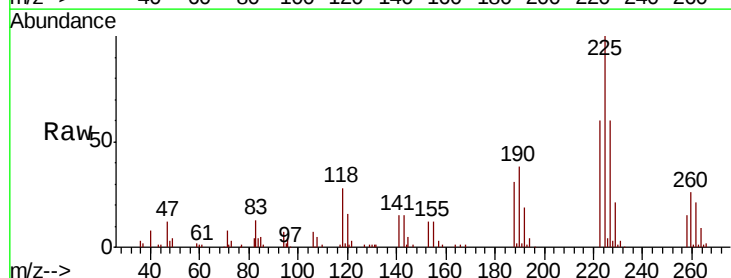
Instrument :
BNA_G
ClientSampleId :
PB120612BS

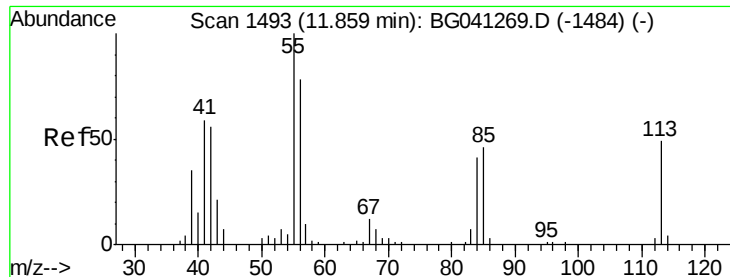
Tot Ion:127	Resp:	47125
Ion	Ratio	Lower Upper
127	100	
129	30.2	25.8 38.8
65	36.3	33.8 50.8
92	20.8	20.2 30.4



#34
Hexachlorobutadiene
Concen: 42.420 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion:225	Resp:	75088
Ion	Ratio	Lower Upper
225	100	
223	60.2	52.5 78.7
227	59.7	50.2 75.2





#35

Caprolactam

Concen: 19.513 ng

RT: 11.85 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

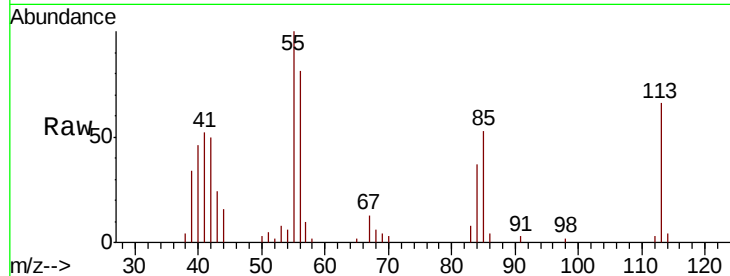
Tot Ion:113 Resp: 11697

Ion Ratio Lower Upper

113 100

55 152.4 182.6 222.6#

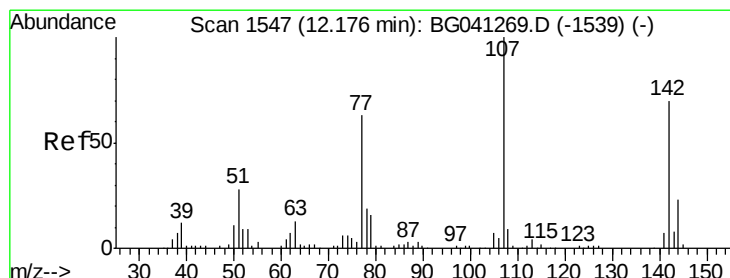
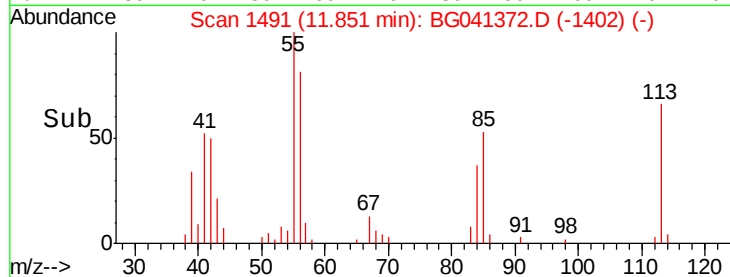
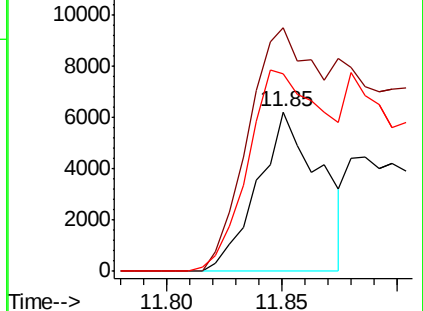
56 123.4 137.5 177.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.912 ng

RT: 12.17 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

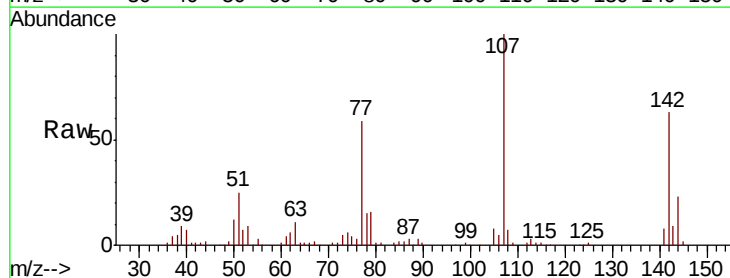
Tgt Ion:107 Resp: 94352

Ion Ratio Lower Upper

107 100

144 22.8 18.5 27.7

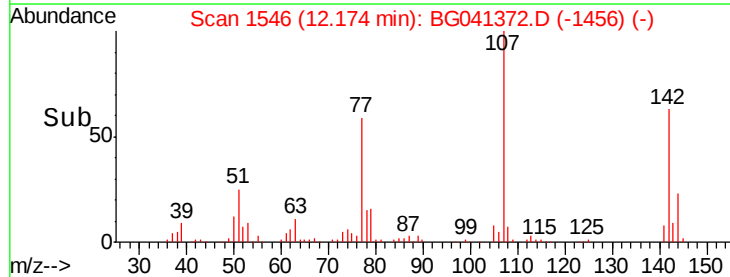
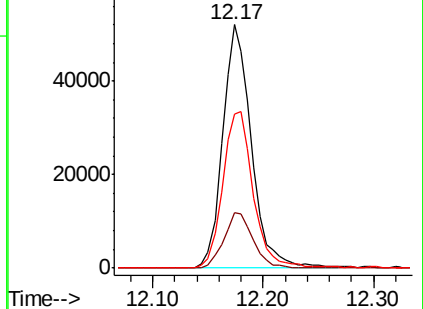
142 63.4 56.3 84.5

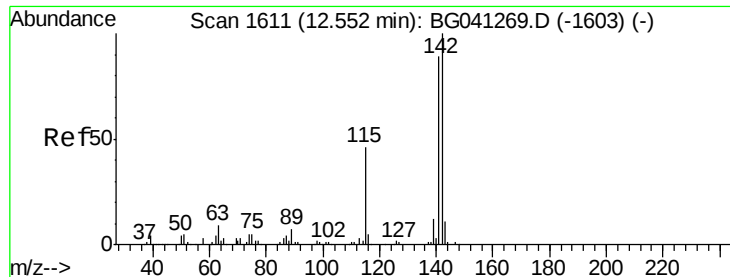


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

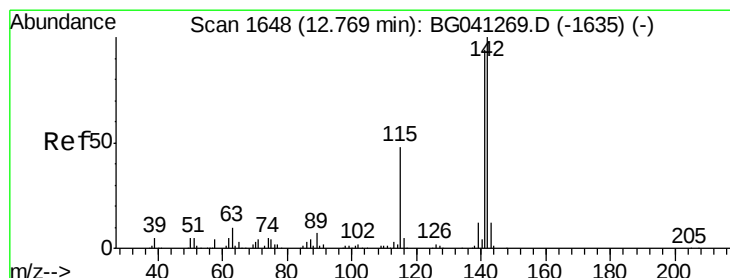
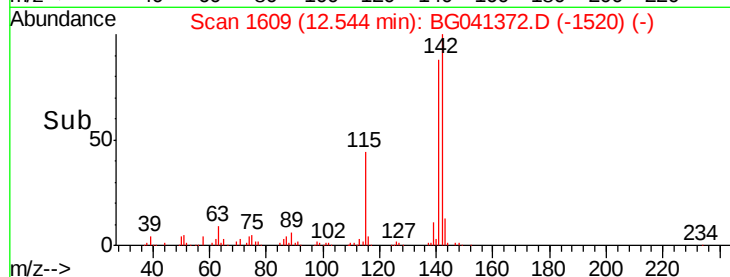
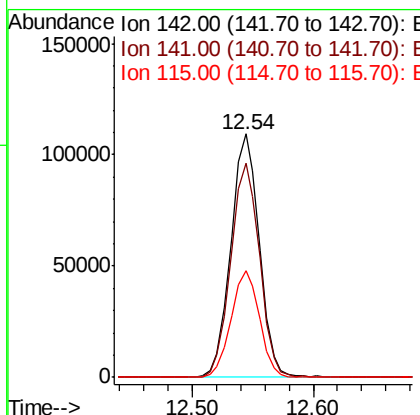
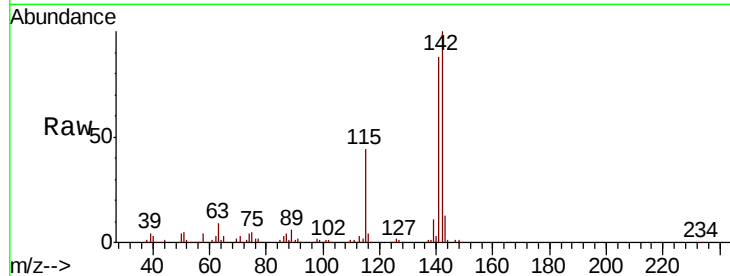




#37
2-Methylnaphthalene
Concen: 46.323 ng
RT: 12.54 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

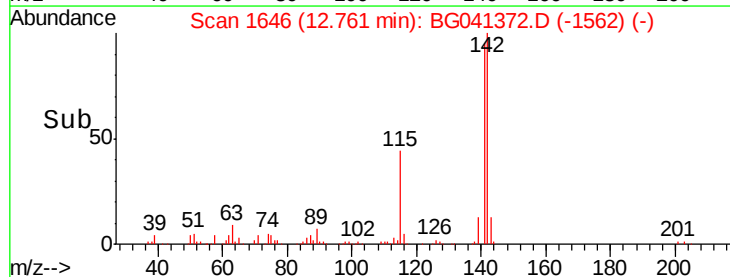
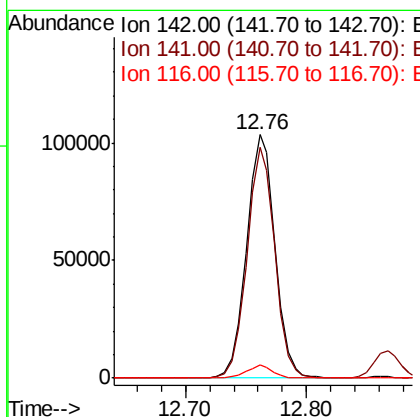
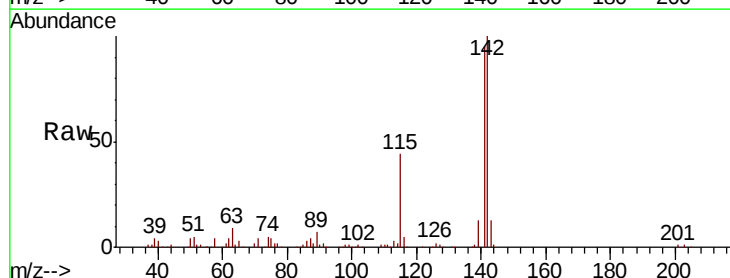
Instrument :
BNA_G
ClientSampleId :
PB120612BS

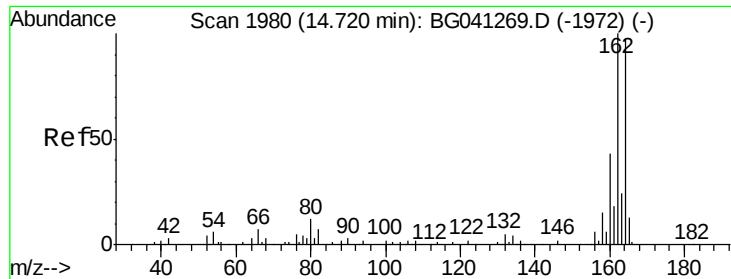
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.5	107.3
115	43.9	37.0	55.6



#38
1-Methylnaphthalene
Concen: 45.566 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.0	112.6
116	5.4	4.2	6.2

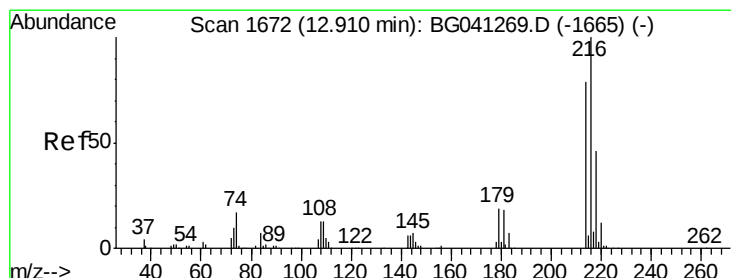
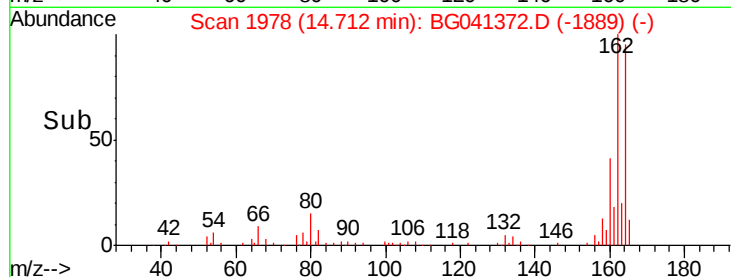
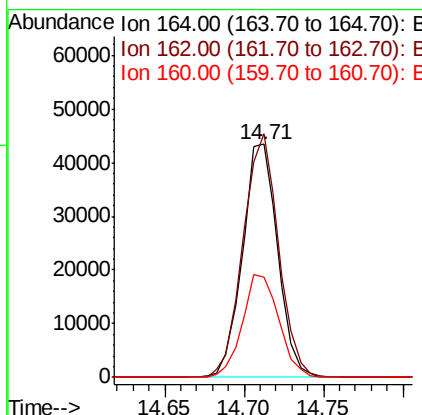
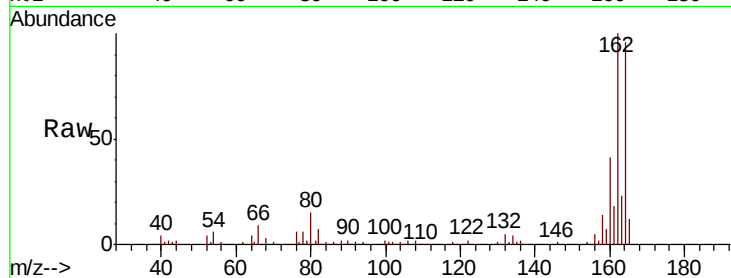




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

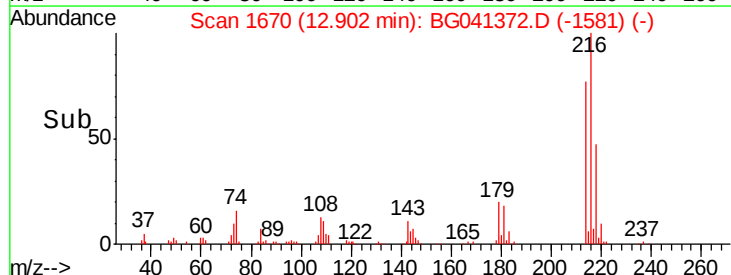
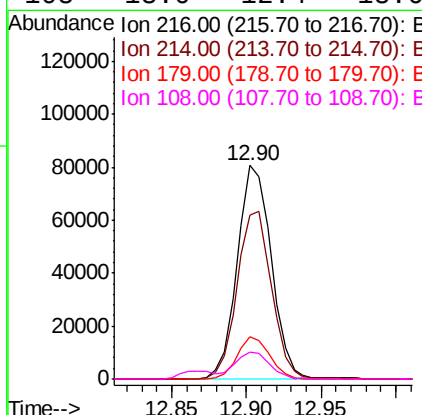
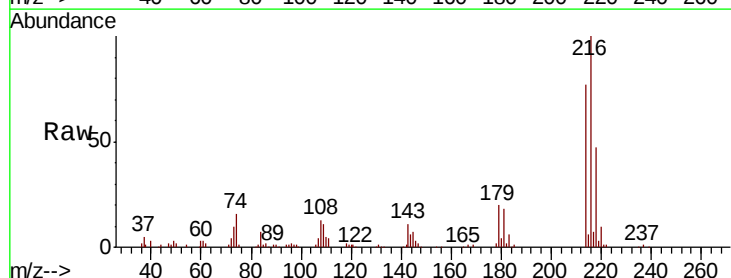
Instrument :
BNA_G
ClientSampleId :
PB120612BS

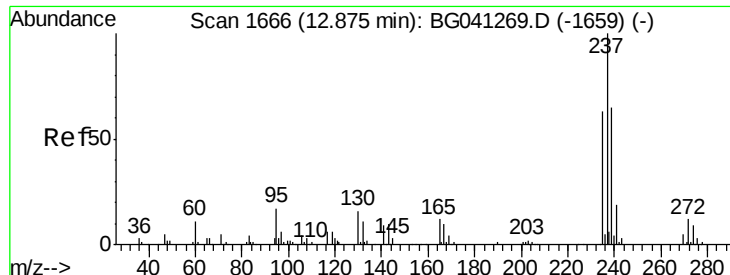
Tot Ion:164 Resp: 66729
Ion Ratio Lower Upper
164 100
162 104.4 82.8 124.2
160 43.0 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.470 ng
RT: 12.90 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion:216 Resp: 128044
Ion Ratio Lower Upper
216 100
214 79.6 62.8 94.2
179 19.0 15.2 22.8
108 13.0 12.4 18.6





#41

Hexachlorocyclopentadiene

Concen: 99.892 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

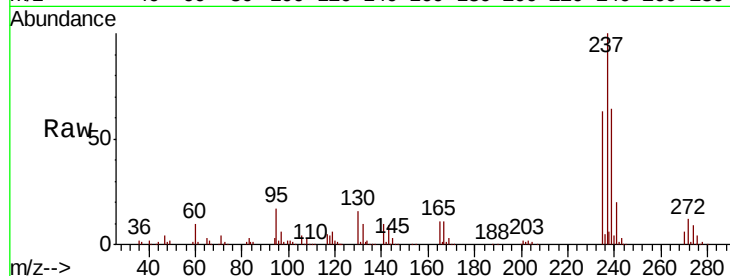
Tot Ion:237 Resp: 185404

Ion Ratio Lower Upper

237 100

235 62.9 42.9 82.9

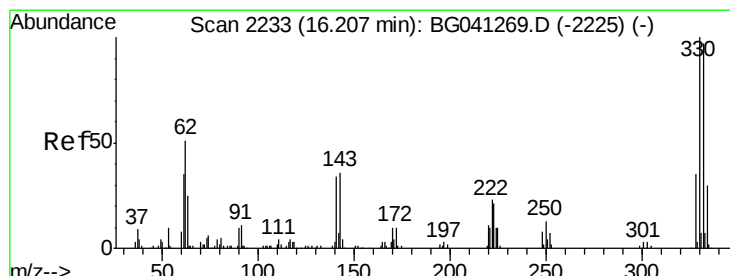
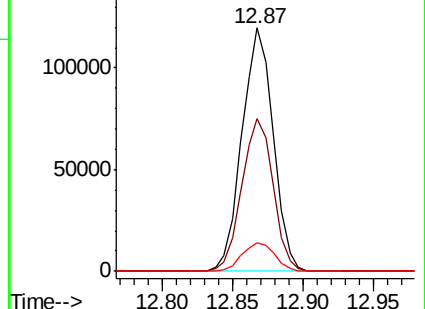
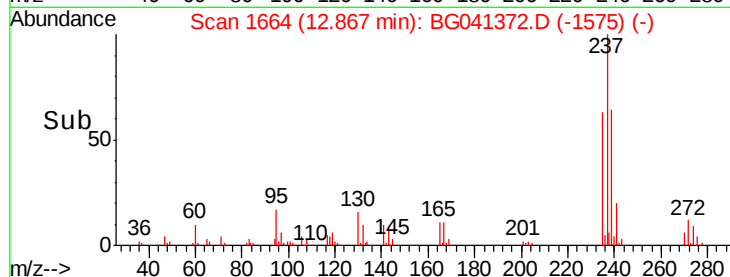
272 11.5 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.452 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

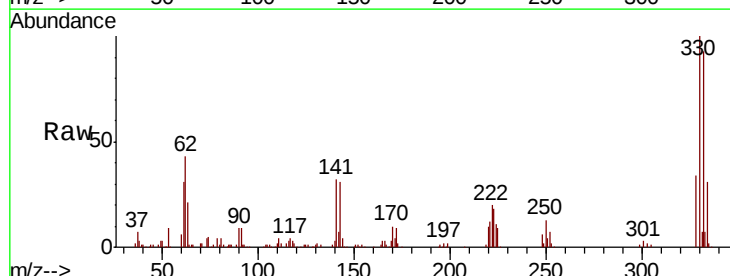
Tgt Ion:330 Resp: 134664

Ion Ratio Lower Upper

330 100

332 94.6 75.5 113.3

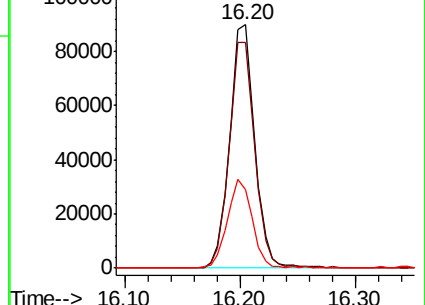
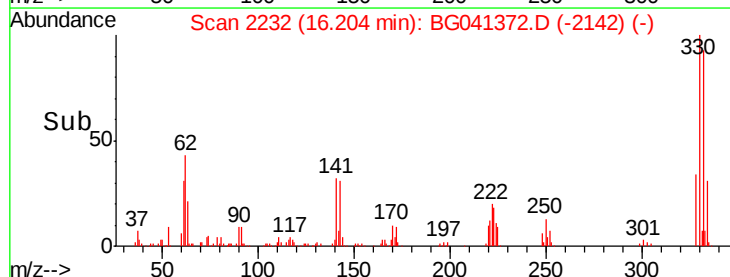
141 36.0 29.0 43.4

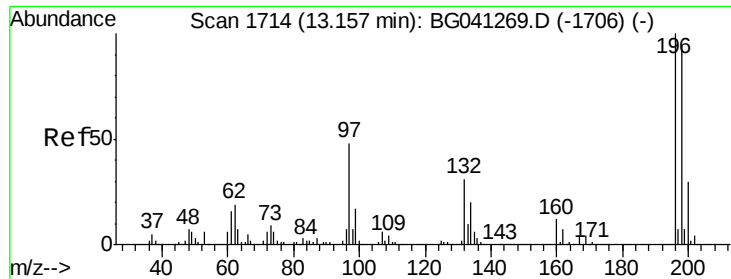


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

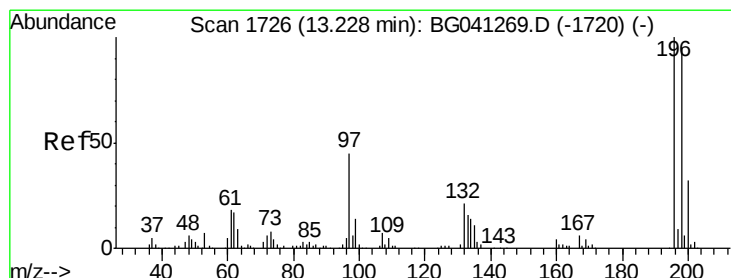
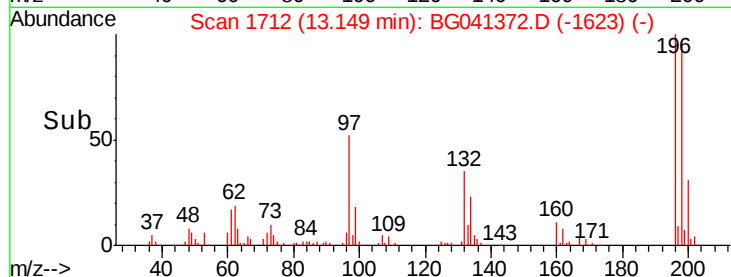
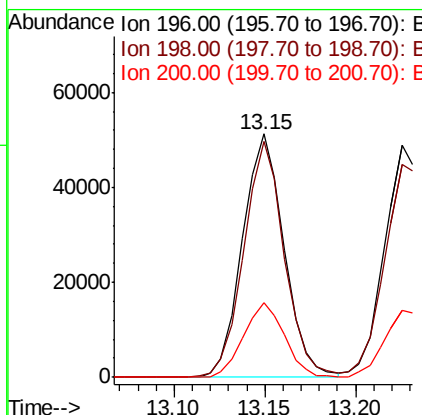
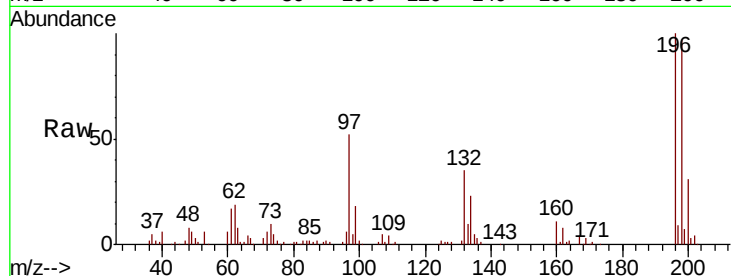




#43
 2,4,6-Trichlorophenol
 Concen: 47.837 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

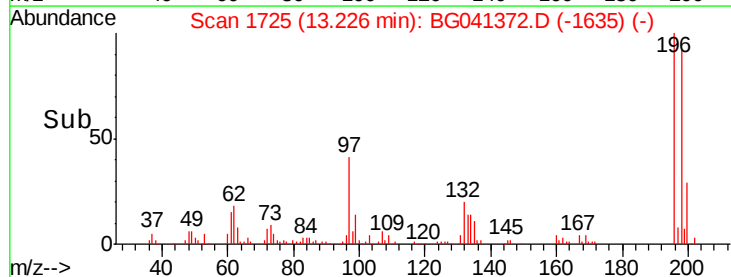
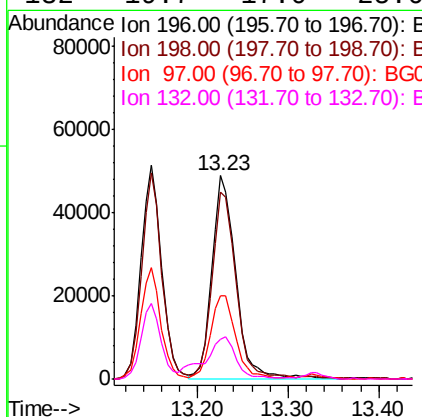
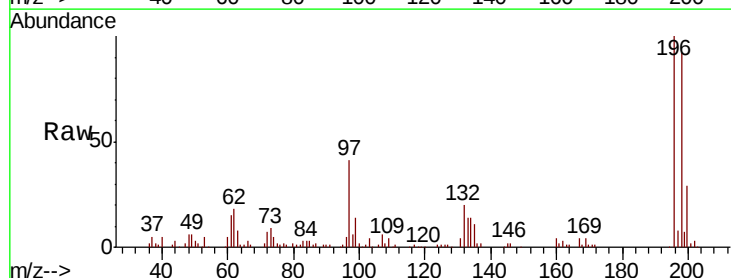
Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

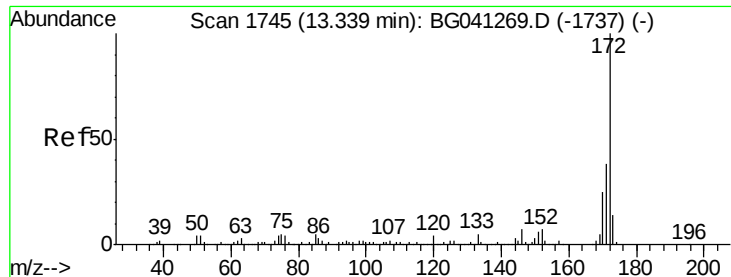
Tot Ion:196 Resp: 81540
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.9 112.3
 200 30.9 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 51.221 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion:196 Resp: 89835
 Ion Ratio Lower Upper
 196 100
 198 91.7 76.1 114.1
 97 41.2 35.9 53.9
 132 19.7 17.0 25.6

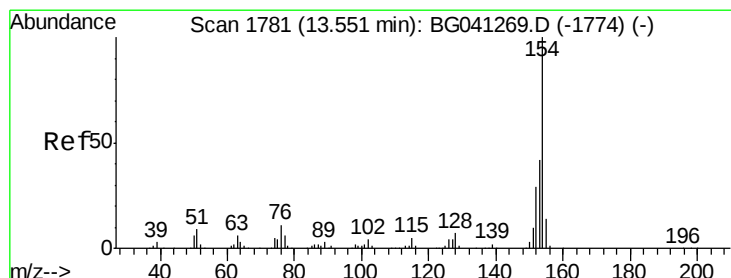
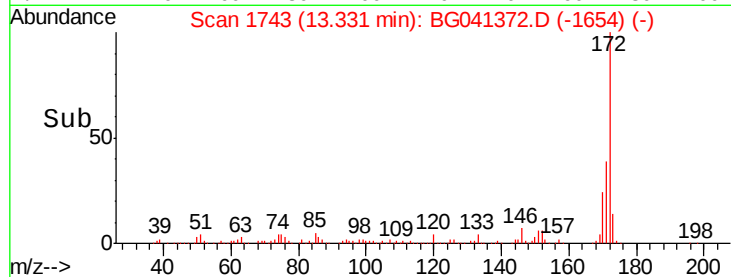
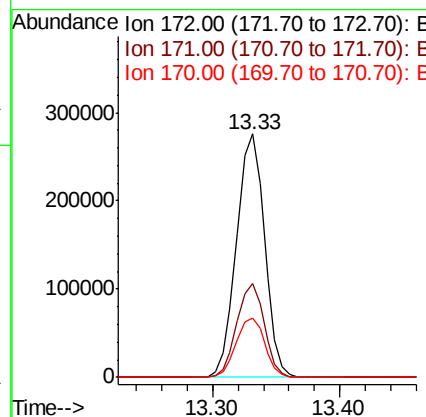
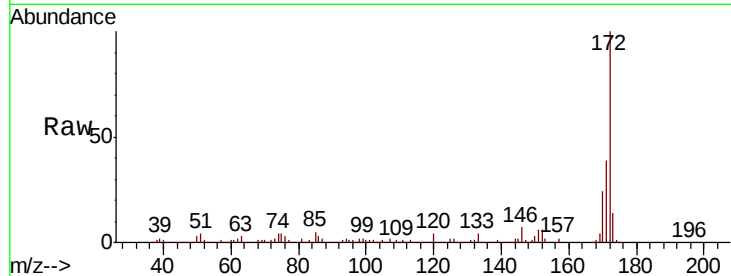




#45
 2-Fluorobiphenyl
 Concen: 85.852 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

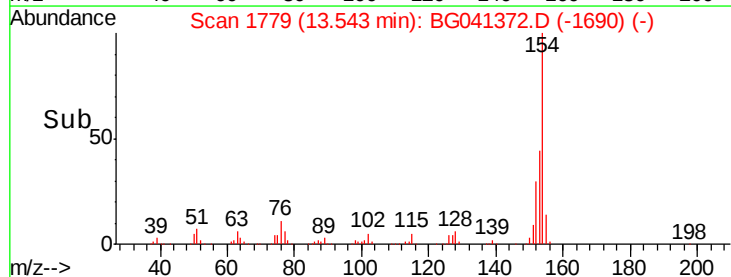
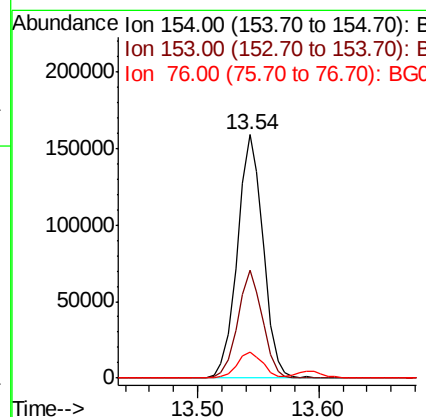
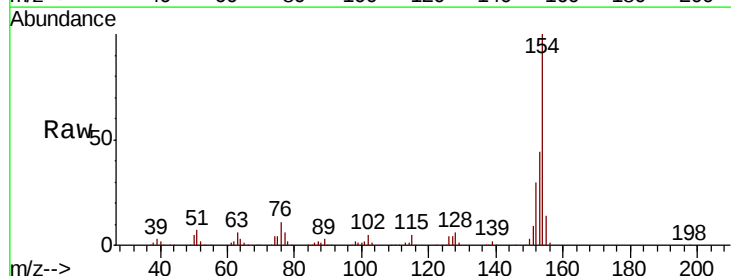
Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

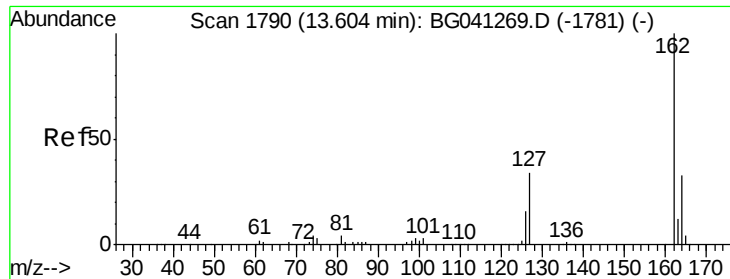
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	24.4	19.8	29.6



#46
 1,1'-Biphenyl
 Concen: 46.695 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	22.3	62.3
76	10.6	0.0	30.8

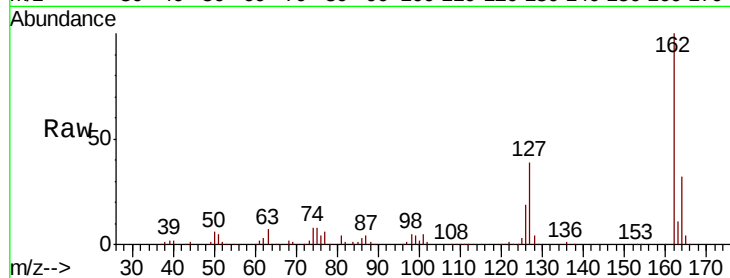




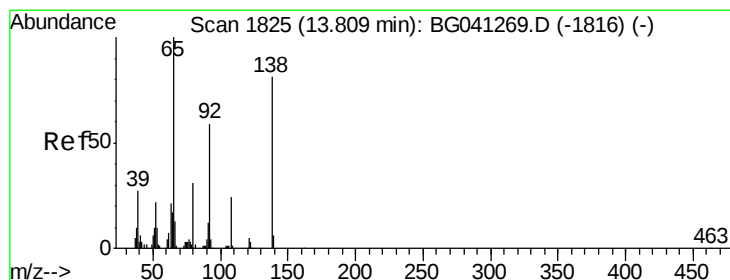
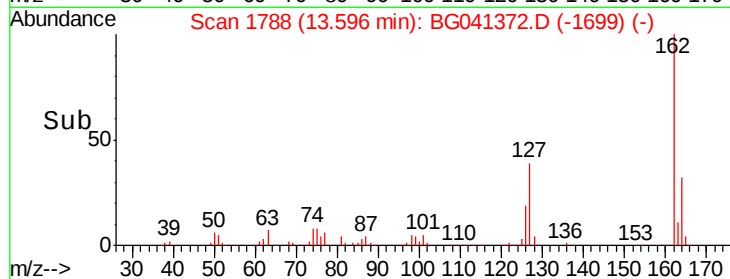
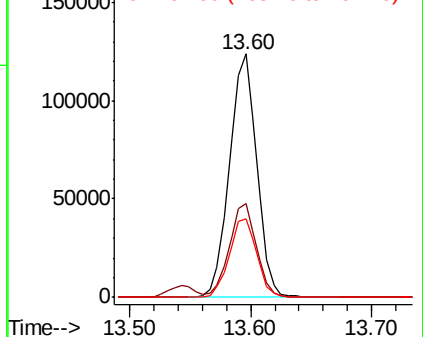
#47
 2-Chloronaphthalene
 Concen: 44.696 ng
 RT: 13.60 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.4
164	32.2	26.1	39.1

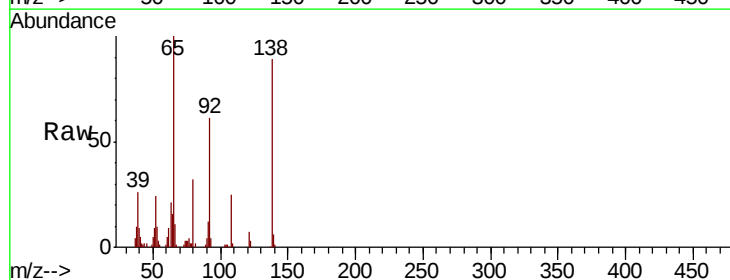


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

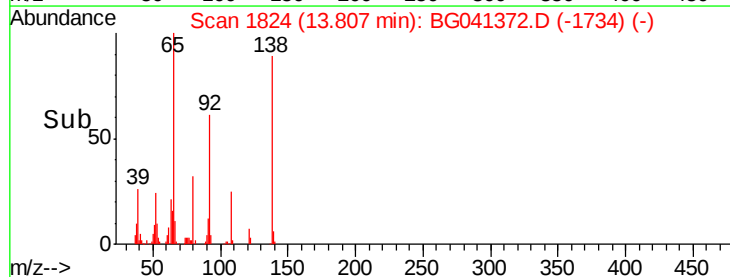
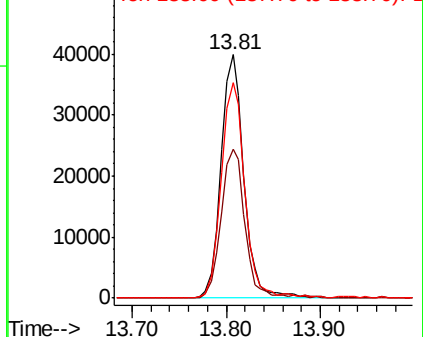


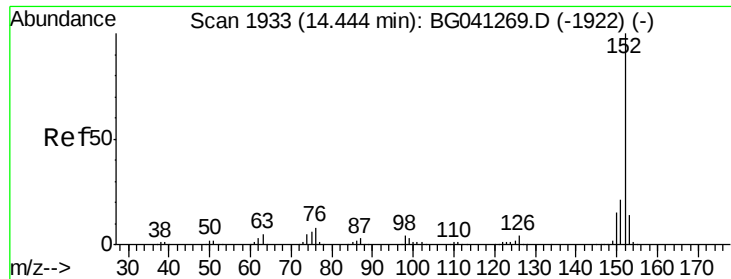
#48
 2-Nitroaniline
 Concen: 42.604 ng
 RT: 13.81 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	47.4	71.2
138	88.6	64.7	97.1



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.222 ng

RT: 14.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

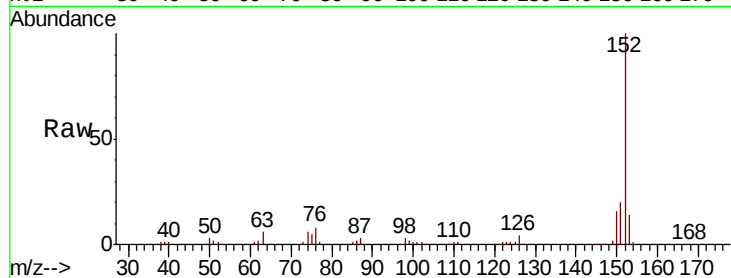
Tot Ion:152 Resp: 304632

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

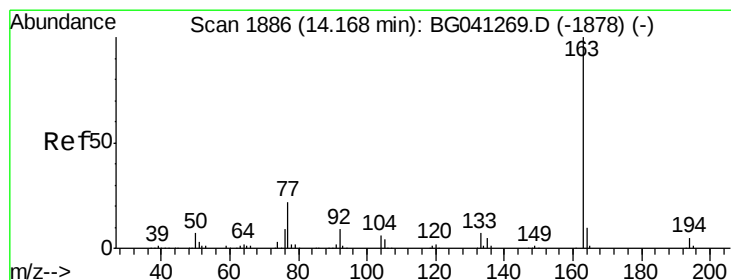
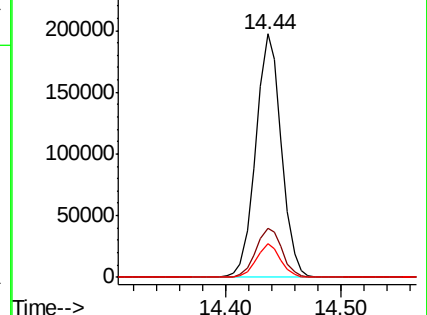
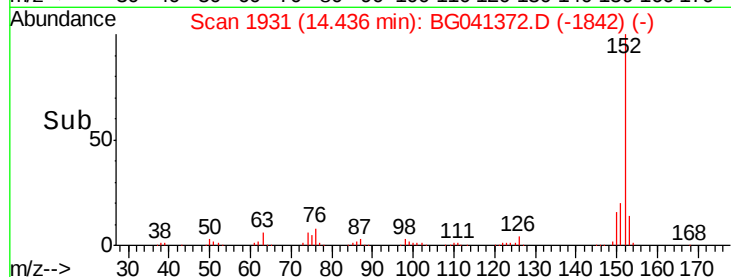
153 13.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.658 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

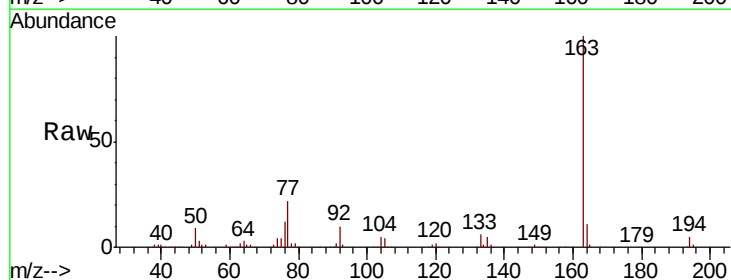
Tgt Ion:163 Resp: 259210

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

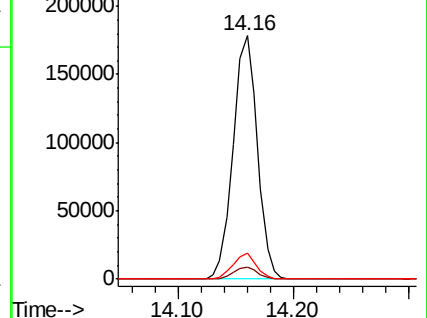
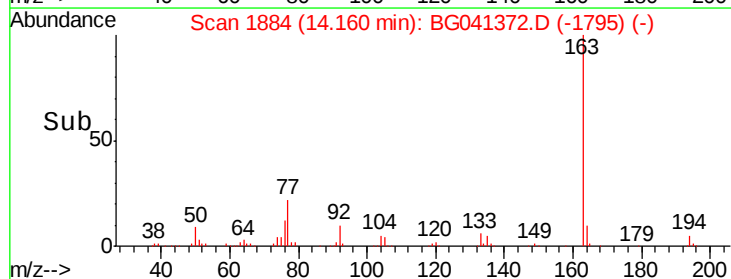
164 10.5 8.3 12.5

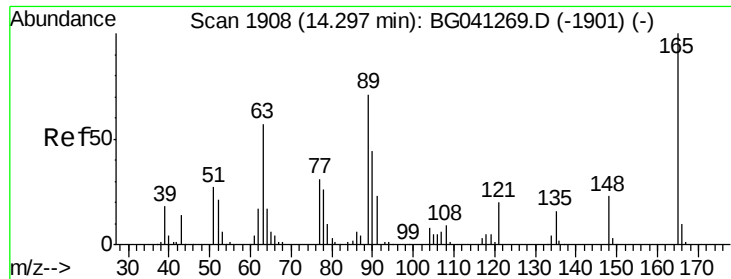


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

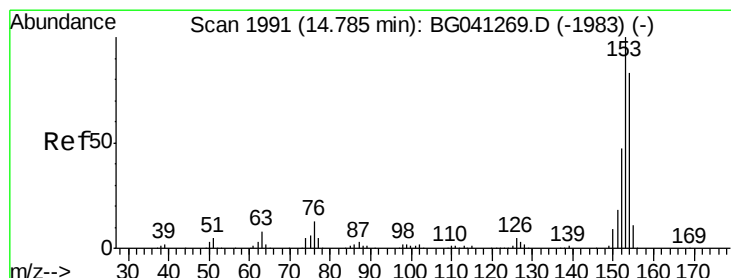
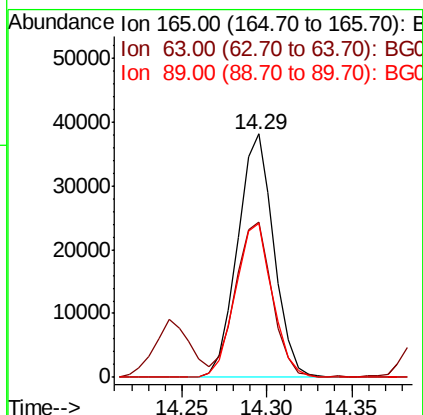
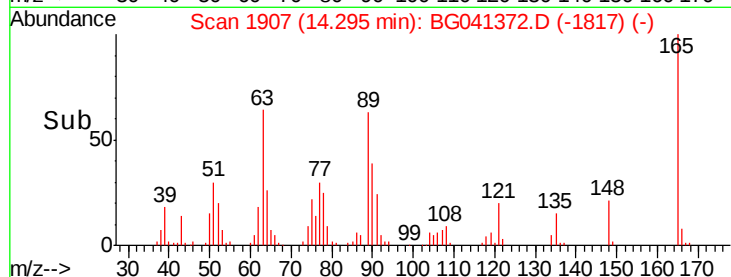
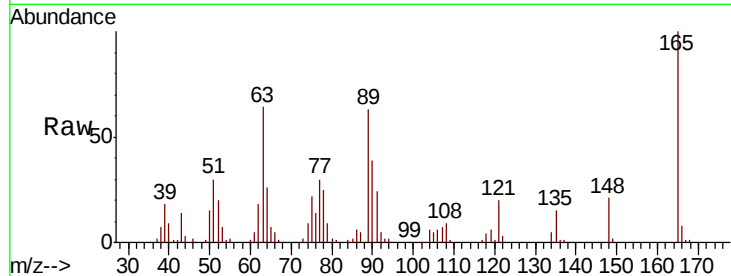




#51
 2,6-Dinitrotoluene
 Concen: 45.309 ng
 RT: 14.29 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

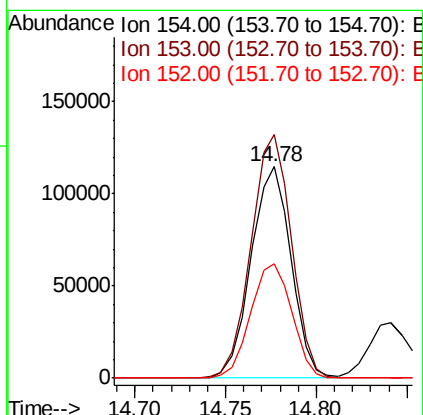
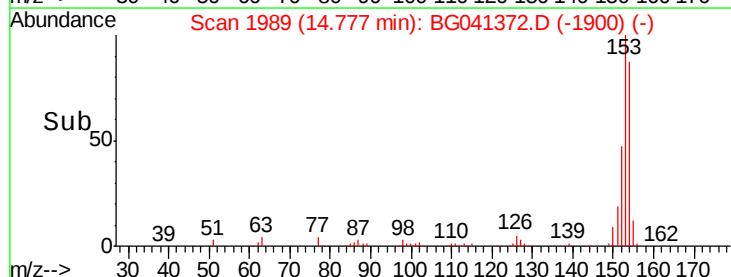
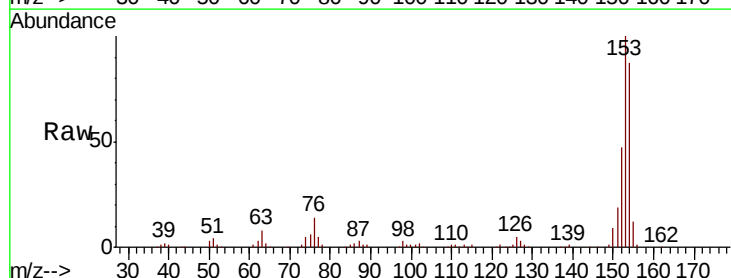
Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

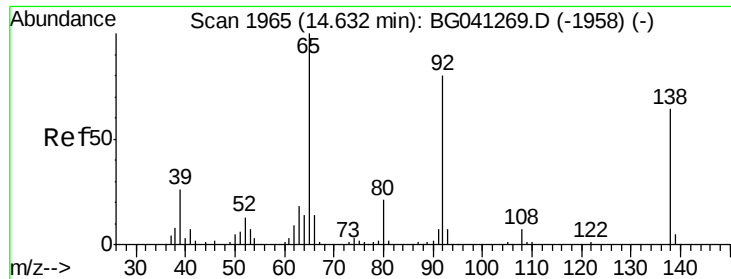
Tot Ion:165 Resp: 56723
 Ion Ratio Lower Upper
 165 100
 63 64.0 55.4 83.0
 89 63.4 56.5 84.7



#52
 Acenaphthene
 Concen: 45.409 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion:154 Resp: 175736
 Ion Ratio Lower Upper
 154 100
 153 115.1 96.6 145.0
 152 54.3 45.5 68.3

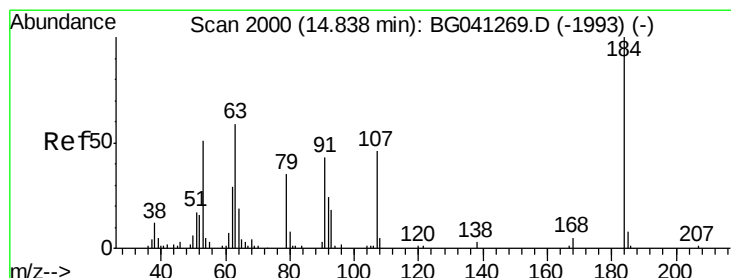
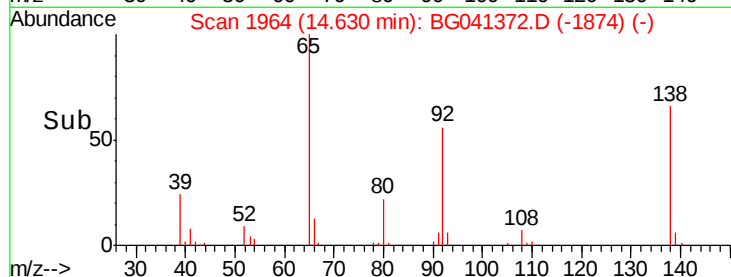
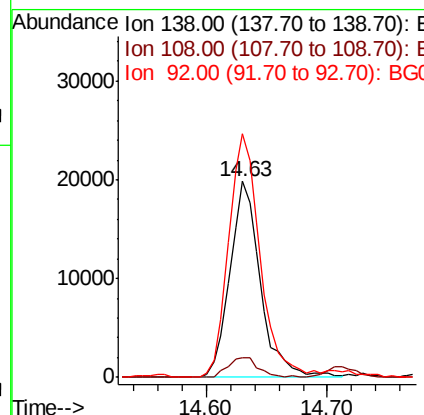
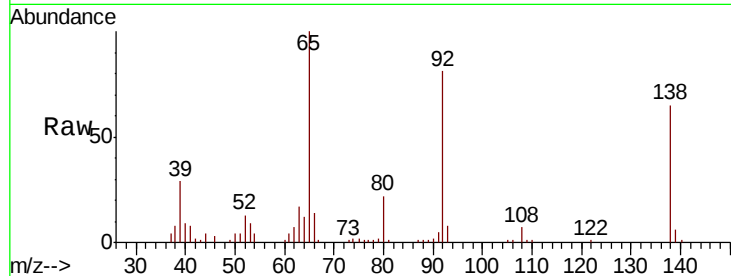




#53
3-Nitroaniline
Concen: 28.076 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

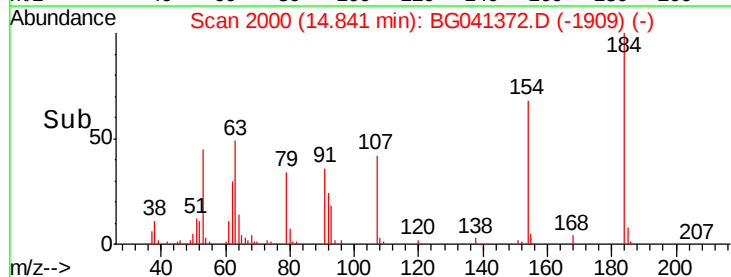
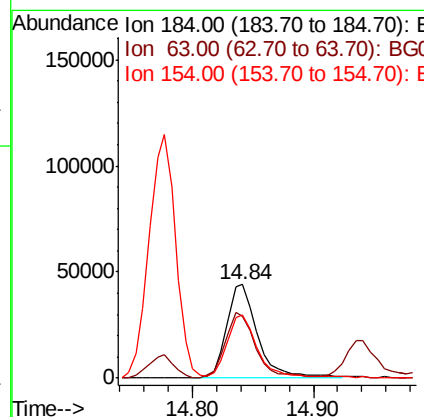
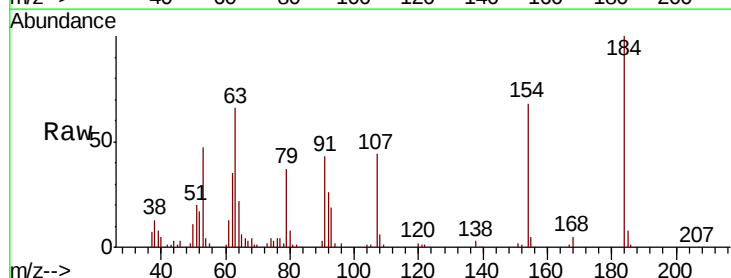
Instrument :
BNA_G
ClientSampleId :
PB120612BS

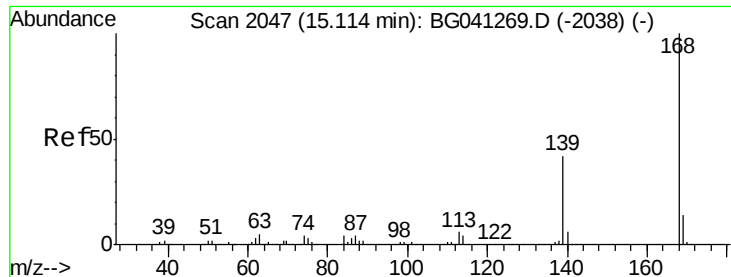
Tot Ion:138 Resp: 34629
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 124.3 100.2 150.4



#54
2,4-Dinitrophenol
Concen: 86.663 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion:184 Resp: 78398
Ion Ratio Lower Upper
184 100
63 66.3 60.0 90.0
154 67.9 58.3 87.5

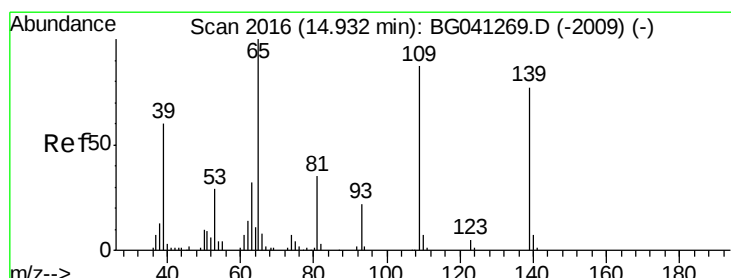
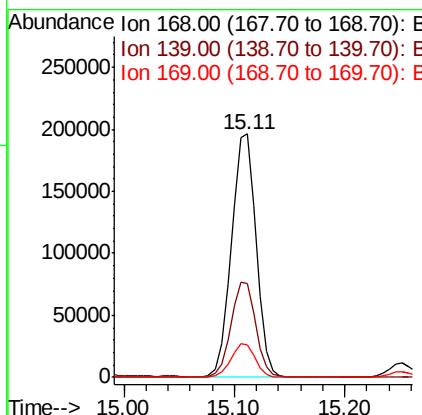
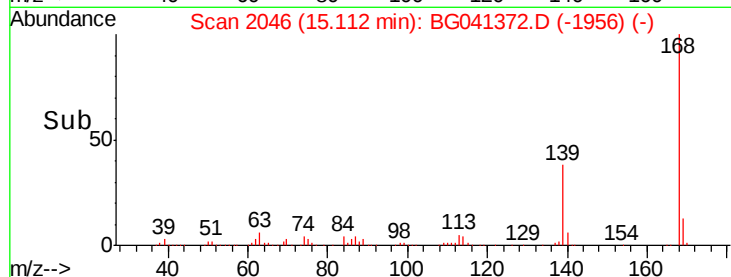
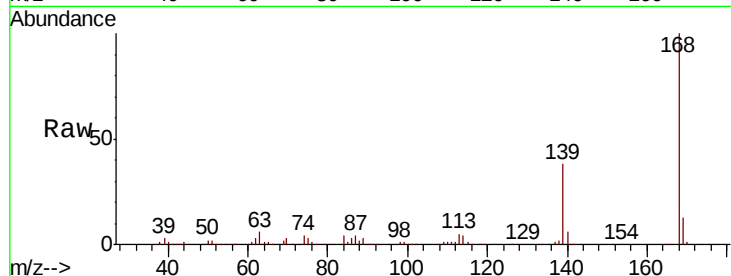




#55
Dibenzofuran
Concen: 45.902 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

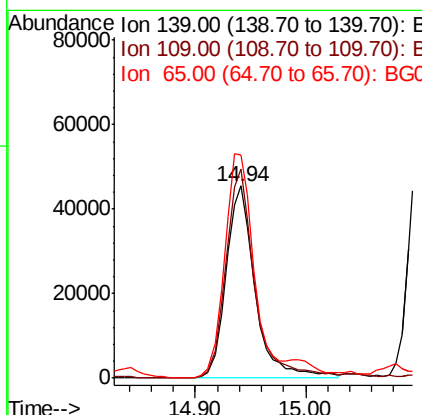
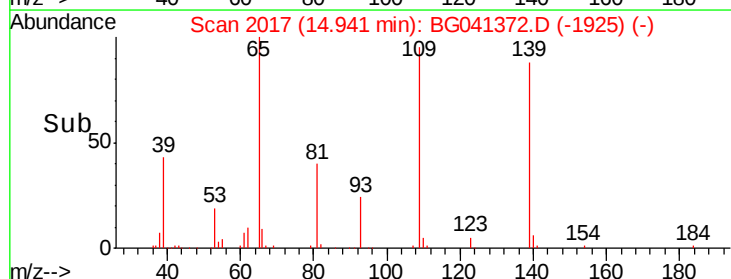
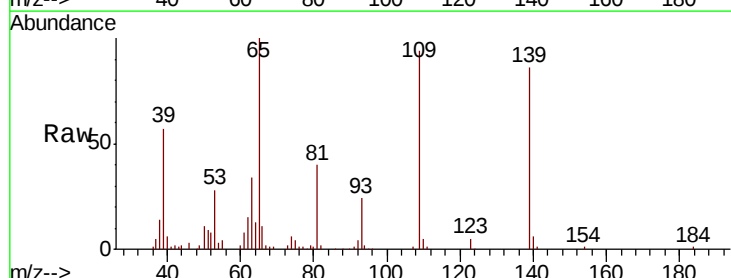
Instrument :
BNA_G
ClientSampleId :
PB120612BS

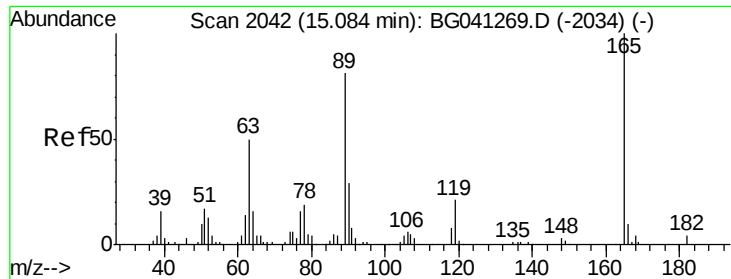
Tot Ion:168 Resp: 308862
Ion Ratio Lower Upper
168 100
139 38.4 33.6 50.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 89.428 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion:139 Resp: 84165
Ion Ratio Lower Upper
139 100
109 108.7 93.2 133.2
65 116.1 110.2 150.2

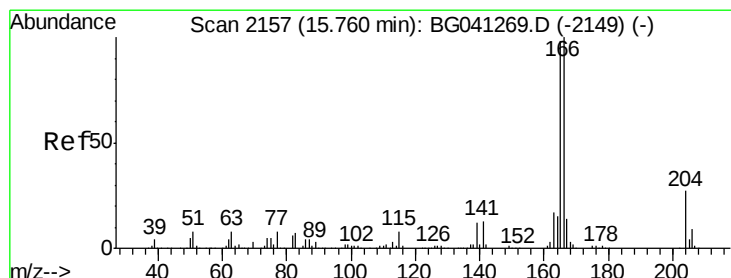
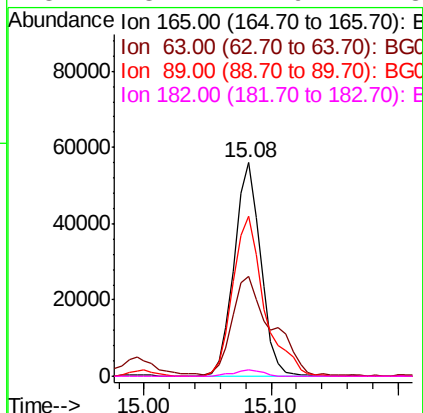
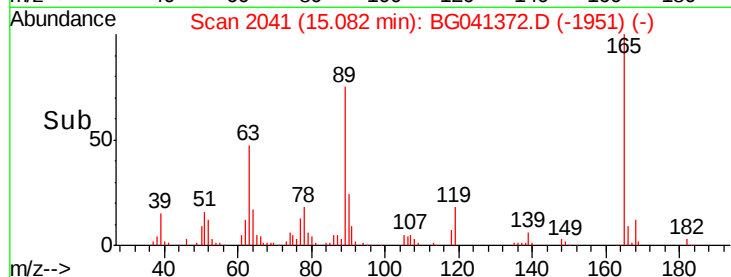
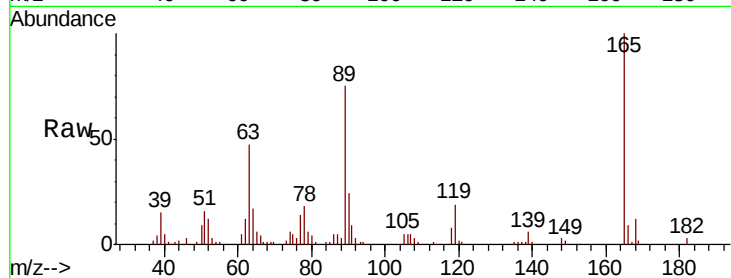




#57
 2,4-Dinitrotoluene
 Concen: 44.221 ng
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

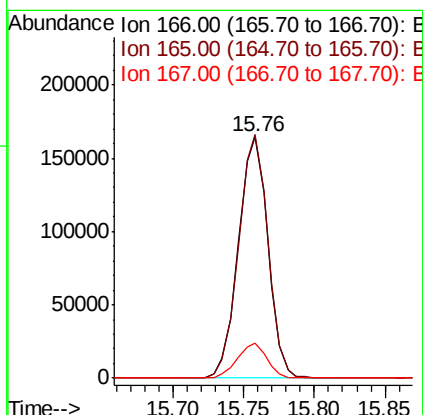
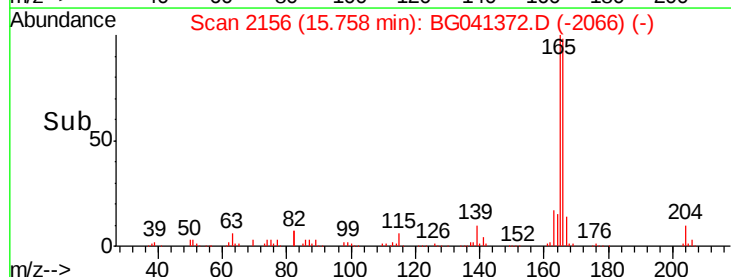
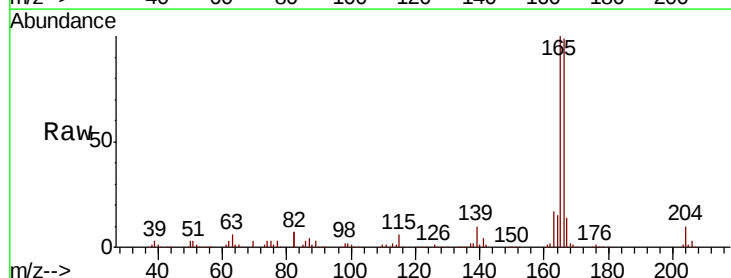
Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

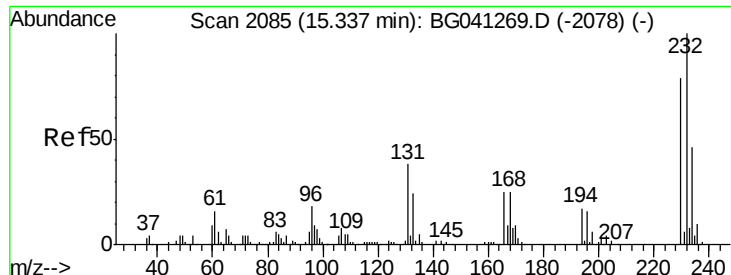
Tot Ion:165	Resp:	80926
Ion Ratio	Lower	Upper
165	100	
63	47.0	40.0 60.0
89	74.9	64.6 96.8
182	3.2	2.9 4.3



#58
 Fluorene
 Concen: 45.483 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion:166	Resp:	240751
Ion Ratio	Lower	Upper
166	100	
165	101.0	78.8 118.2
167	14.4	11.3 16.9

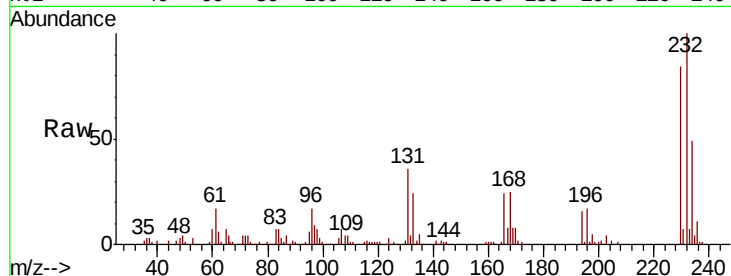




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.537 ng
RT: 15.33 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.6	29.0	43.6
130	1.8	1.6	2.4
166	24.6	21.0	31.4



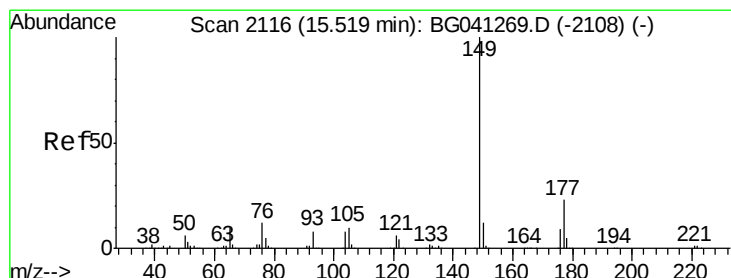
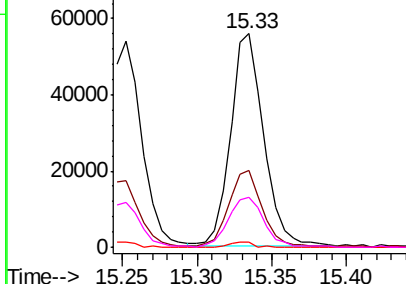
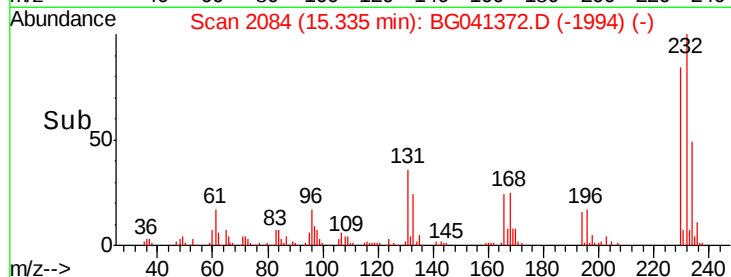
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

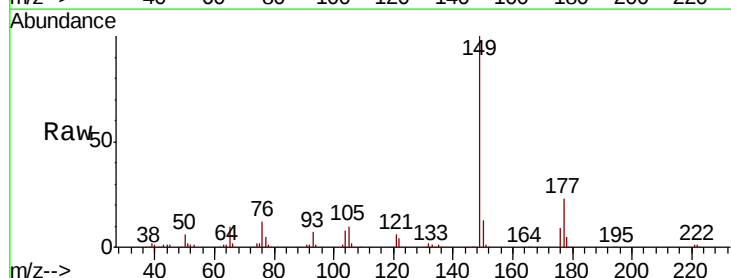
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.166 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.4	27.6
150	13.1	9.9	14.9

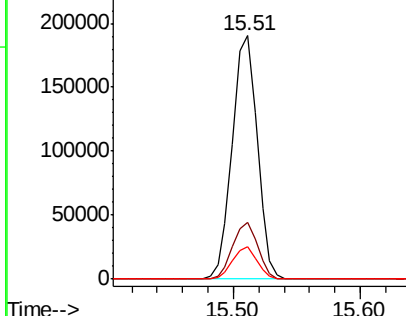
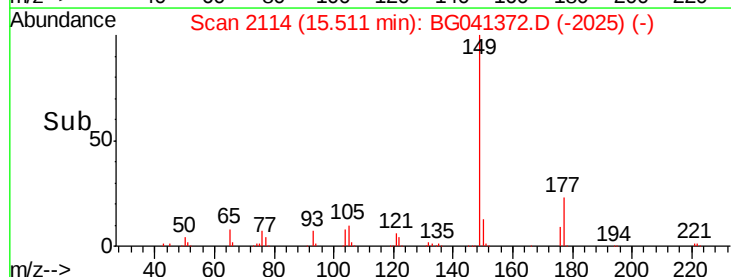


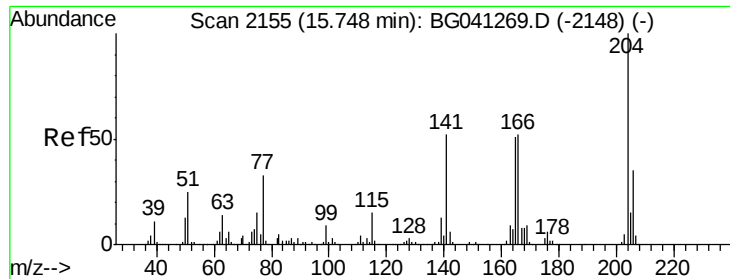
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

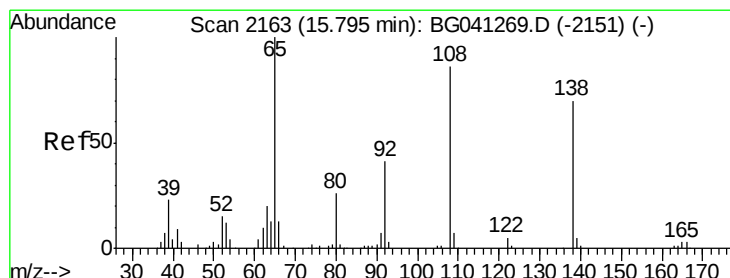
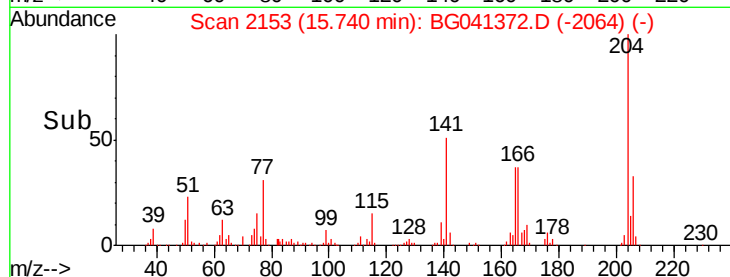
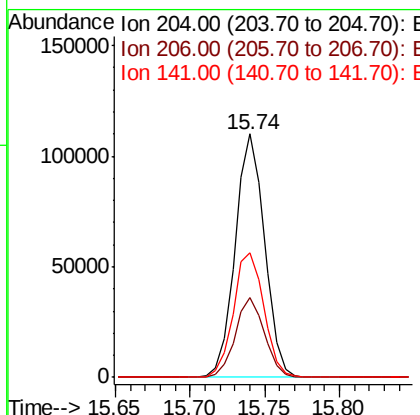
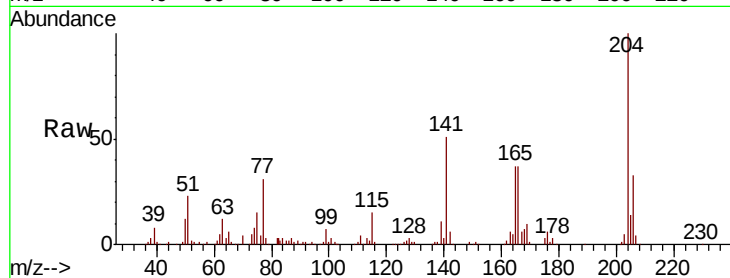




#61
4-Chlorophenyl-phenylether
Concen: 43.938 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

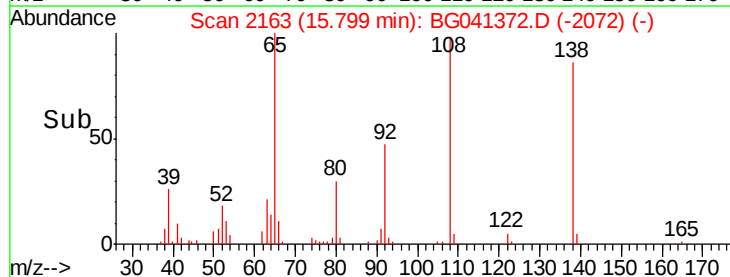
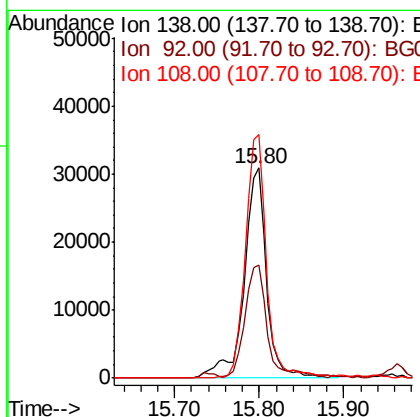
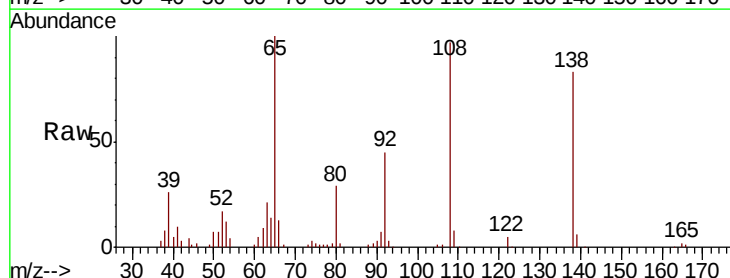
Instrument :
BNA_G
ClientSampleId :
PB120612BS

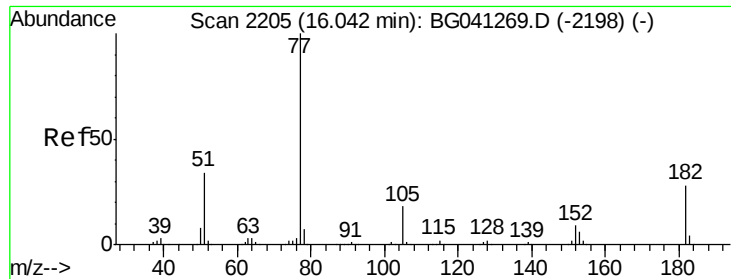
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.9	41.9
141	51.2	41.4	62.0



#62
4-Nitroaniline
Concen: 43.463 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.0	38.8	78.8
108	116.0	103.4	143.4

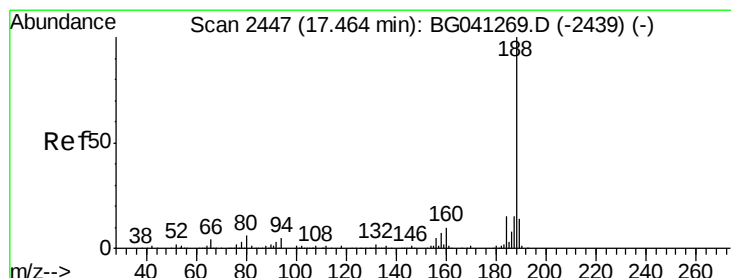
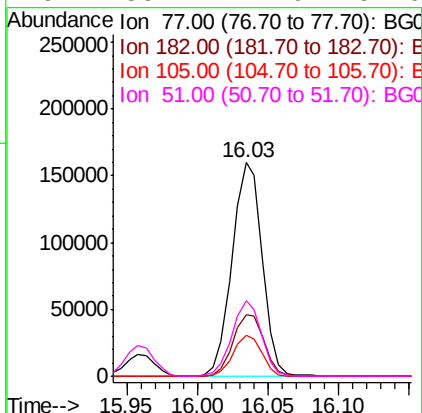
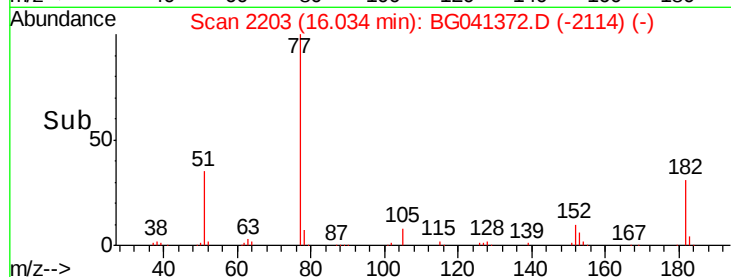
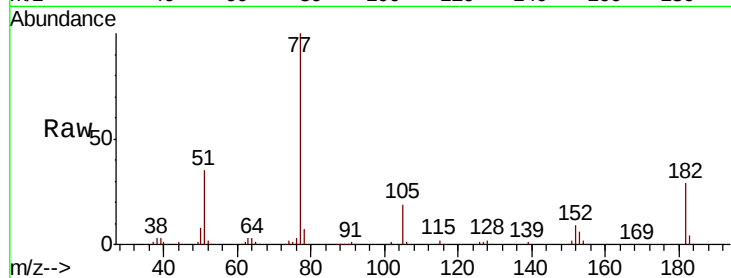




#63
Azobenzene
Concen: 43.768 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

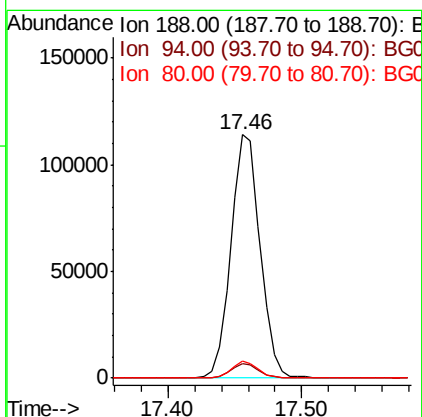
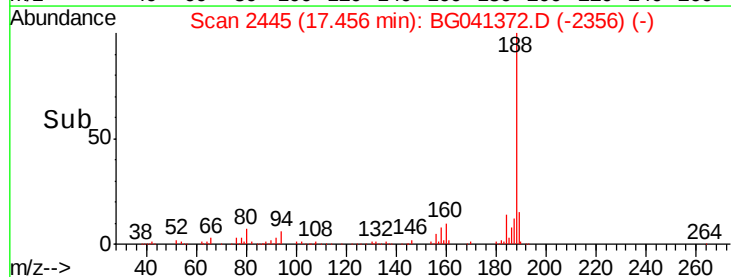
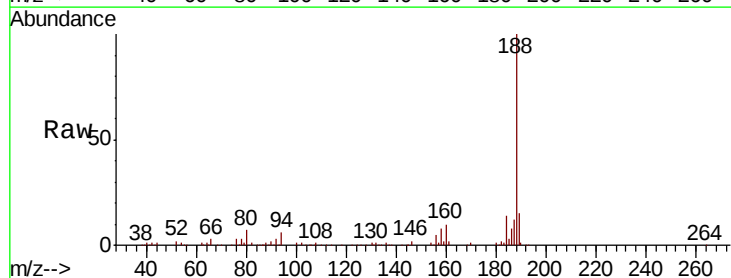
Instrument :
BNA_G
ClientSampleId :
PB120612BS

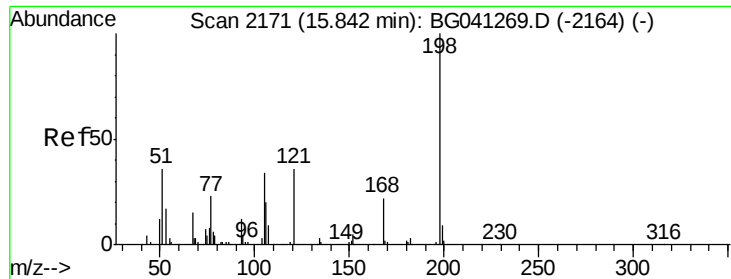
Tot Ion:	77	Resp:	235638
Ion	Ratio	Lower	Upper
77	100		
182	28.8	7.5	47.5
105	19.3	0.0	37.7
51	35.4	14.6	54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion:	188	Resp:	173477
Ion	Ratio	Lower	Upper
188	100		
94	5.8	3.6	5.4#
80	7.2	4.8	7.2





#65

4,6-Dinitro-2-methylphenol

Concen: 45.948 ng

RT: 15.85 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

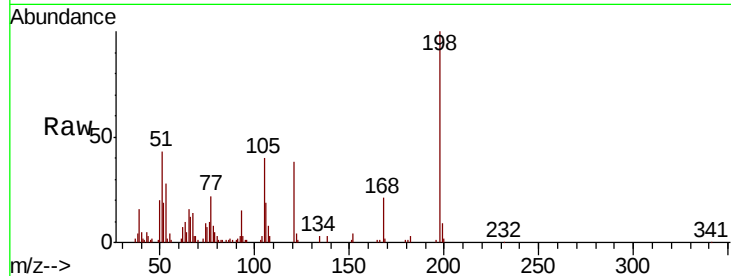
Tot Ion:198 Resp: 51737

Ion Ratio Lower Upper

198 100

51 43.1 23.4 63.4

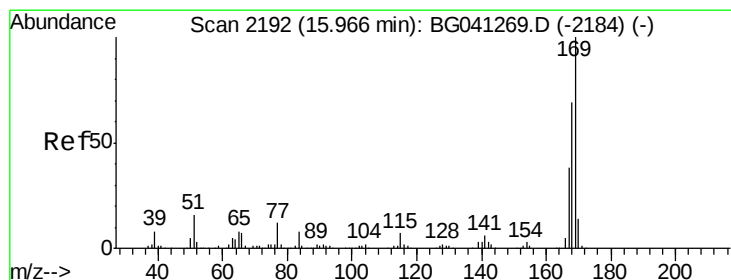
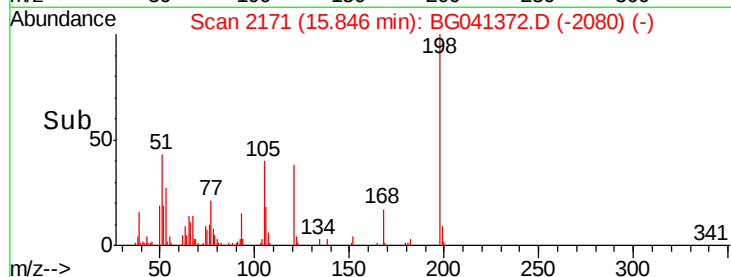
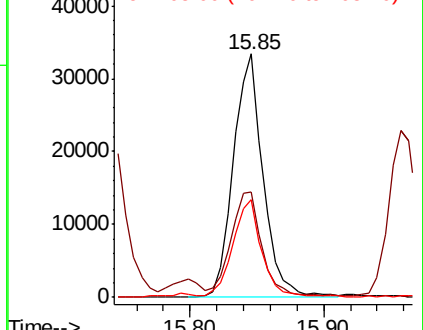
105 39.9 15.8 55.8



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: 47.414 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

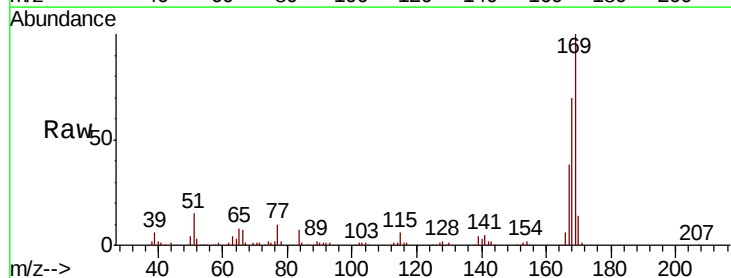
Tgt Ion:169 Resp: 218402

Ion Ratio Lower Upper

169 100

168 69.8 55.2 82.8

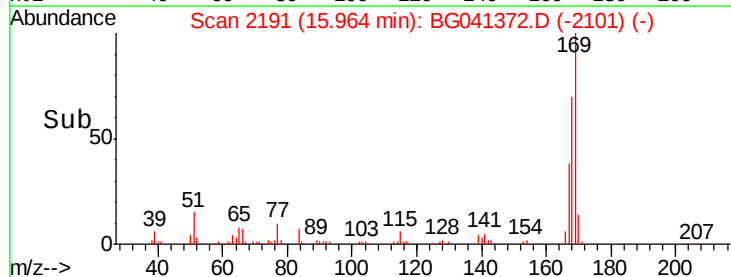
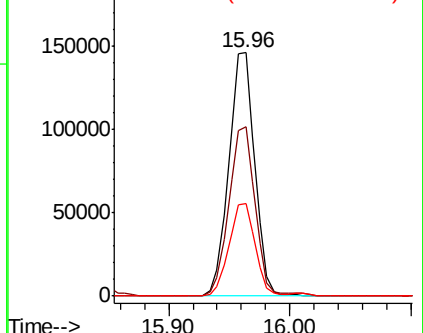
167 37.8 30.4 45.6

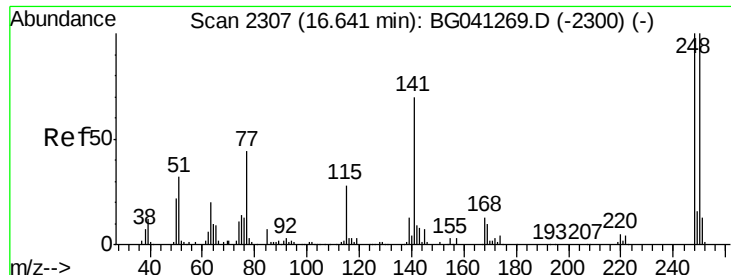


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

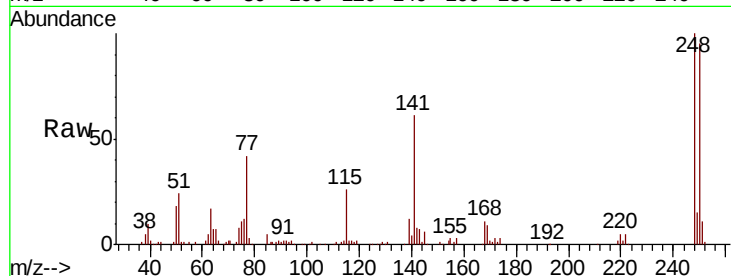




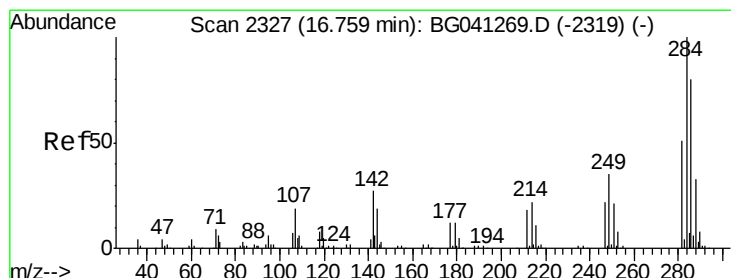
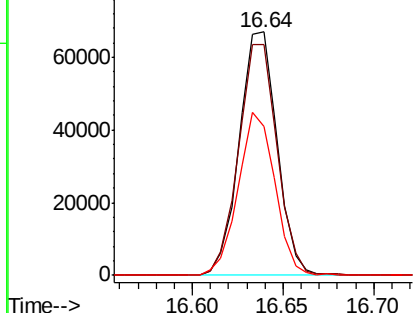
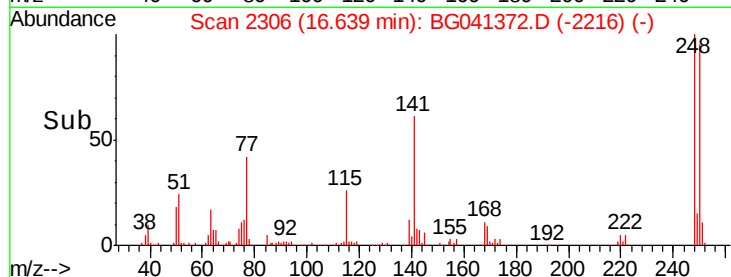
#67
 4-Bromophenyl-phenylether
 Concen: 43.340 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

Tot Ion:248 Resp: 97216
 Ion Ratio Lower Upper
 248 100
 250 94.7 79.8 119.8
 141 61.4 55.8 83.6

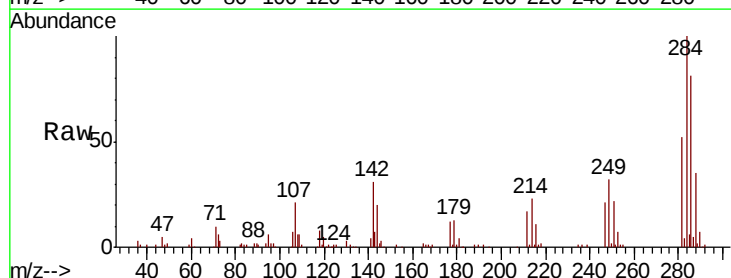


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

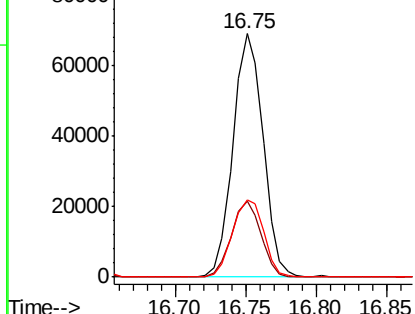
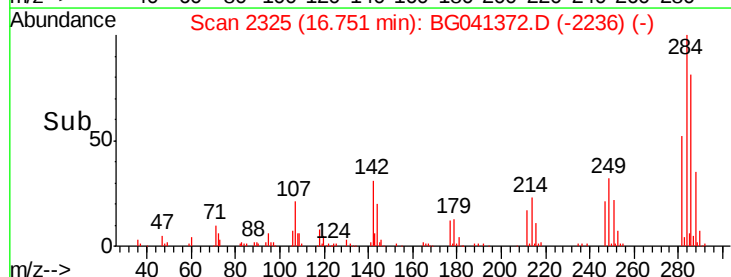


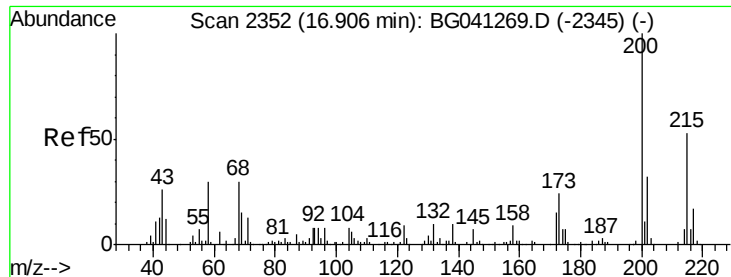
#68
 Hexachlorobenzene
 Concen: 42.686 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion:284 Resp: 102532
 Ion Ratio Lower Upper
 284 100
 142 31.4 21.8 32.8
 249 34.0 27.8 41.6



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





#69

Atrazine

Concen: Below Cal

RT: 16.90 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

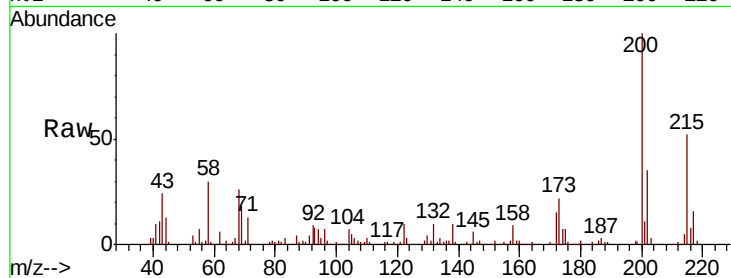
Tot Ion:200 Resp: 95509

Ion Ratio Lower Upper

200 100

173 22.2 4.0 44.0

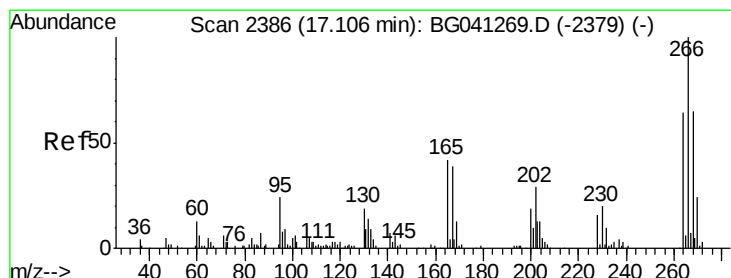
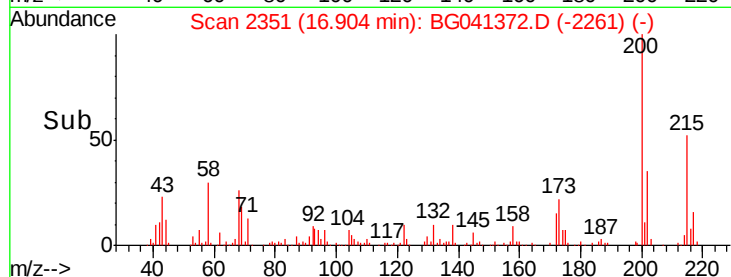
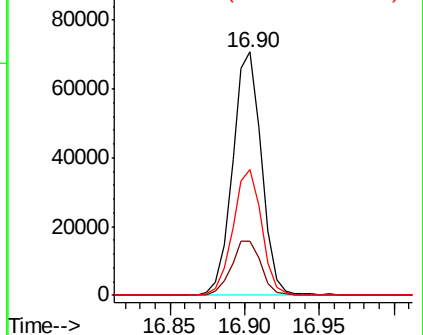
215 51.8 33.4 73.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 97.618 ng

RT: 17.10 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

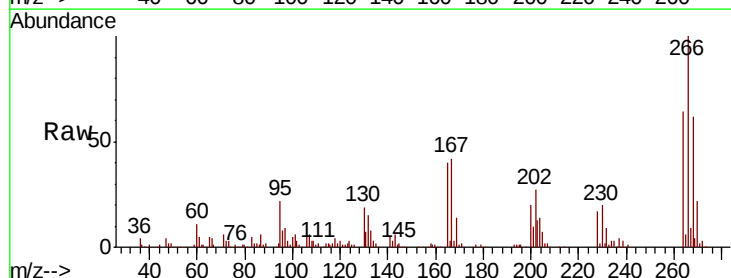
Tgt Ion:266 Resp: 120066

Ion Ratio Lower Upper

266 100

268 62.1 52.0 78.0

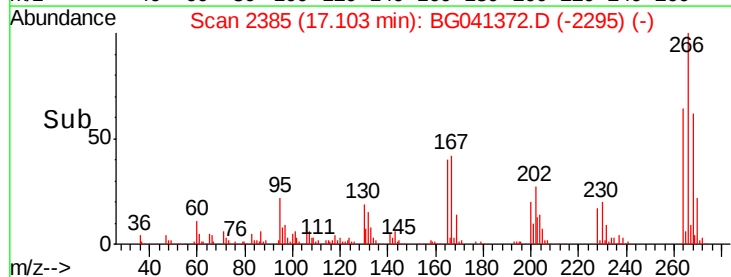
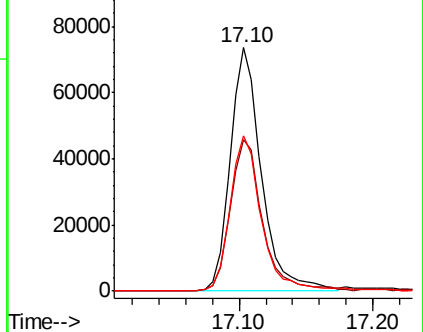
264 63.9 51.2 76.8

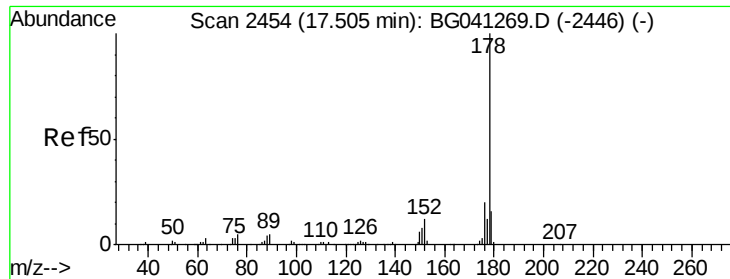


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.583 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

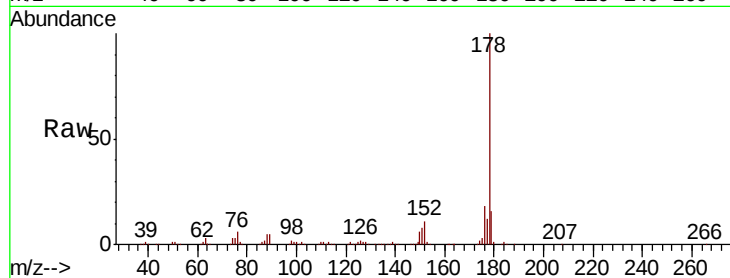
Tot Ion:178 Resp: 421739

Ion Ratio Lower Upper

178 100

176 18.5 16.1 24.1

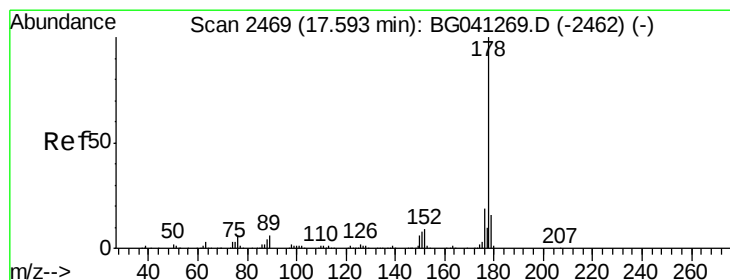
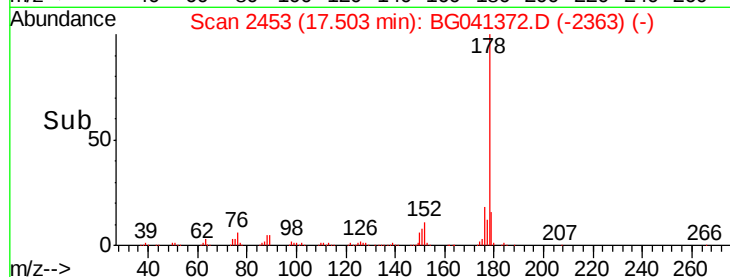
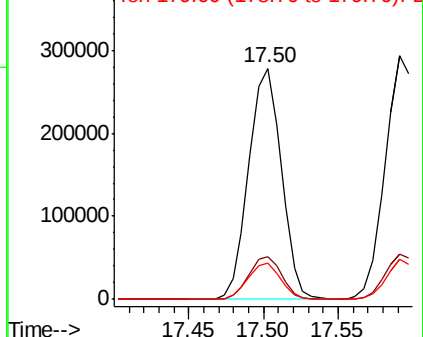
179 15.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.184 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

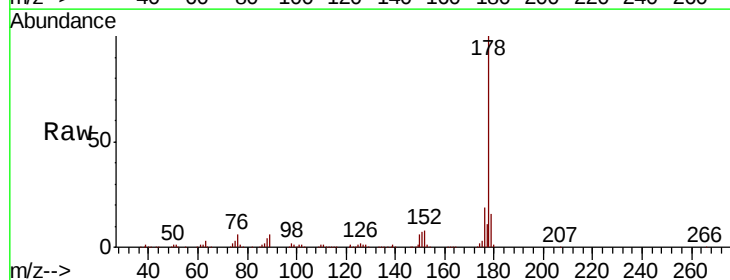
Tgt Ion:178 Resp: 439502

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

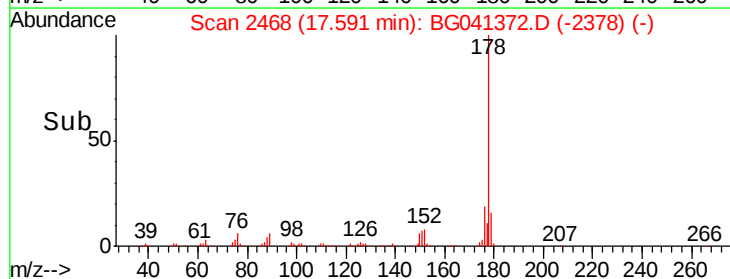
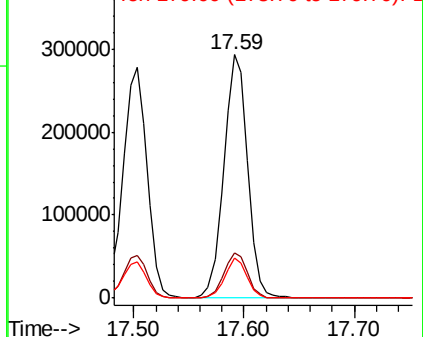
179 16.4 13.0 19.4

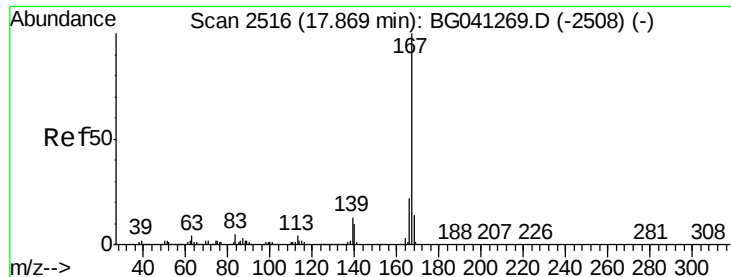


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

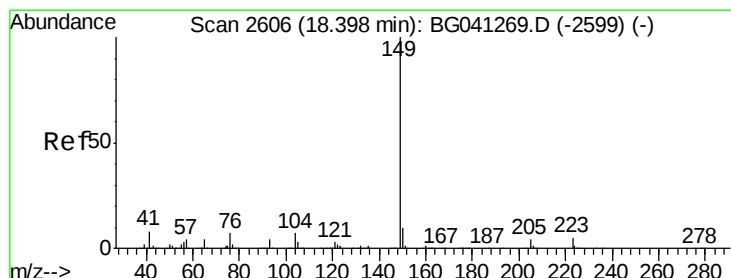
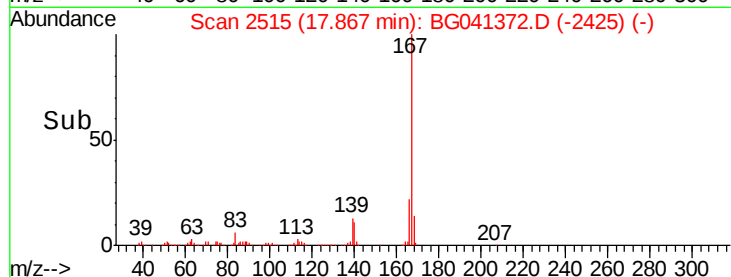
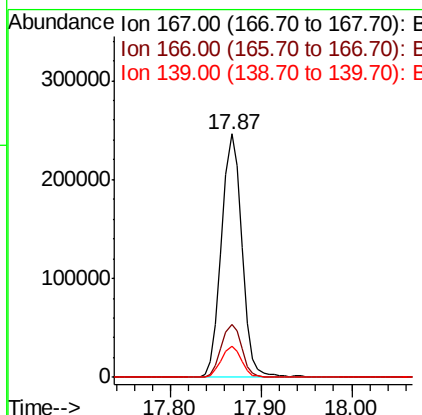
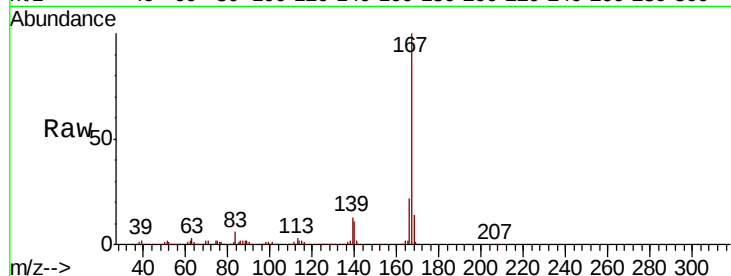




#73
 Carbazole
 Concen: 48.515 ng
 RT: 17.87 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

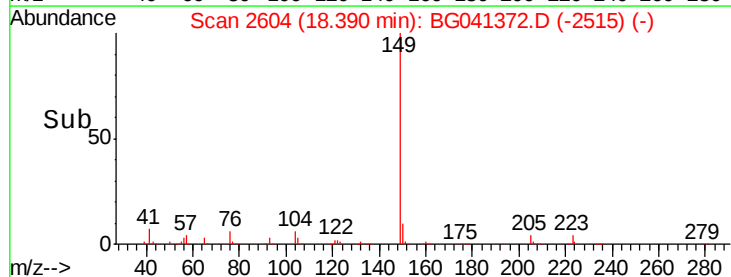
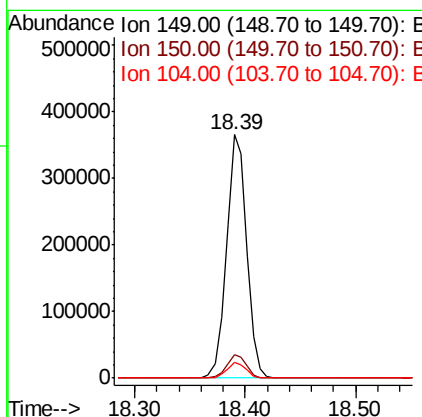
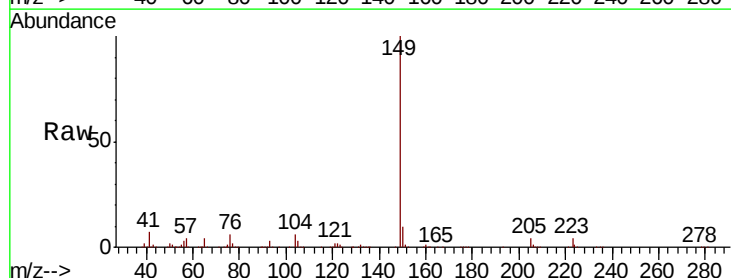
Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

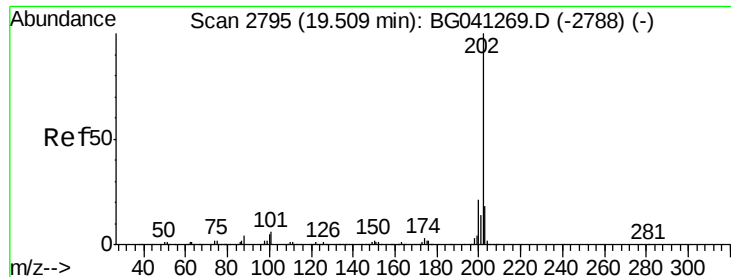
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	12.6	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 46.712 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	6.4	5.4	8.0





#75

Fluoranthene

Concen: 47.531 ng

RT: 19.51 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

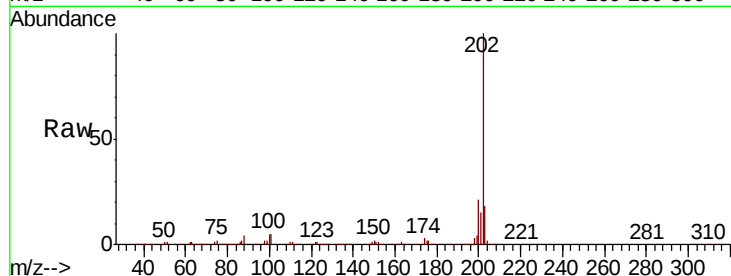
Tot Ion:202 Resp: 584238

Ion Ratio Lower Upper

202 100

101 5.4 0.0 26.0

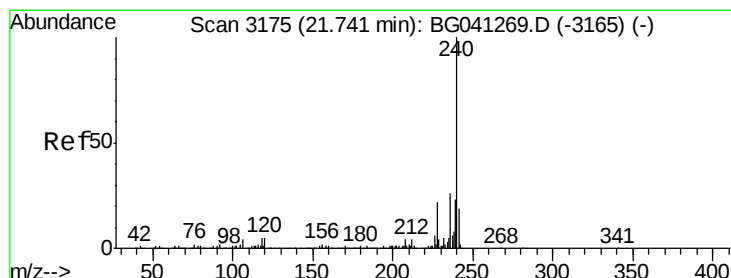
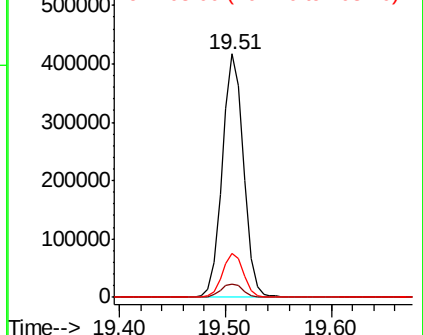
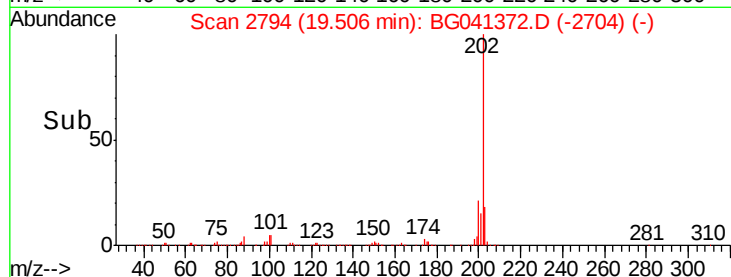
203 18.0 0.0 37.7



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: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

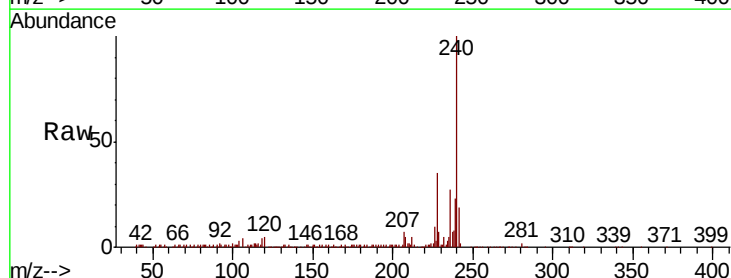
Tgt Ion:240 Resp: 185059

Ion Ratio Lower Upper

240 100

120 4.8 3.7 5.5

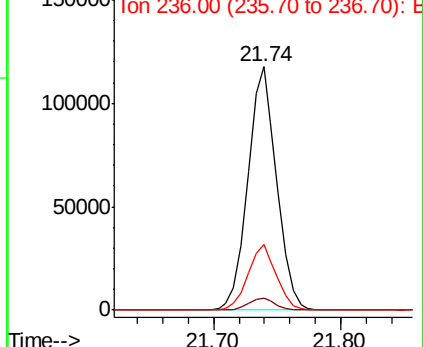
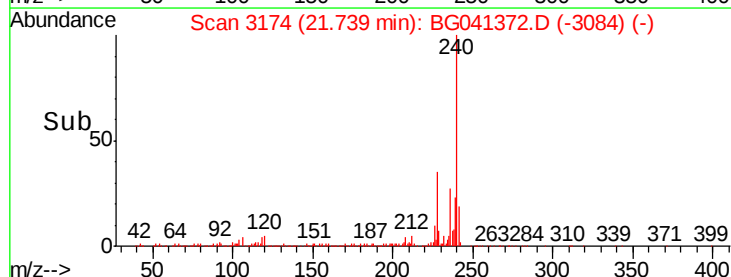
236 27.0 21.1 31.7

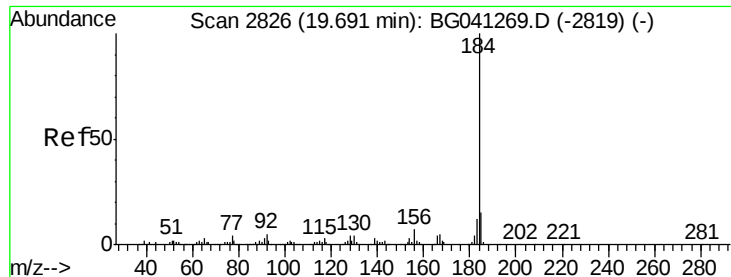


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.165 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

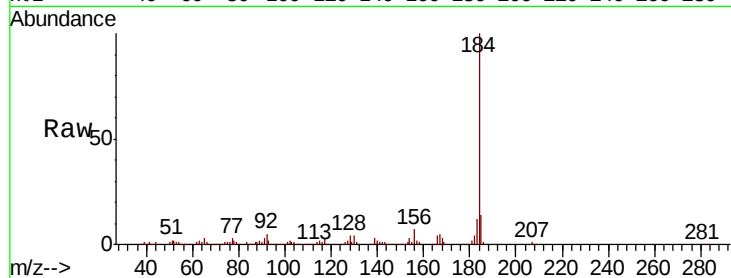
Tot Ion:184 Resp: 282736

Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.2

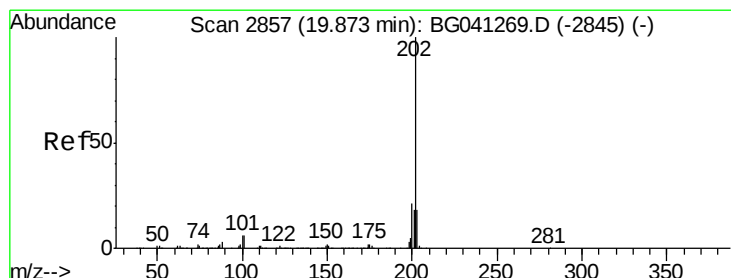
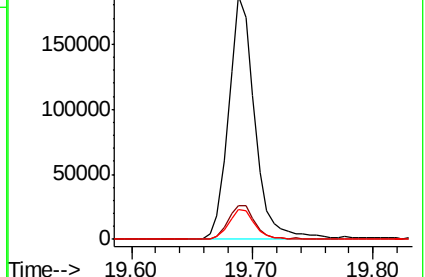
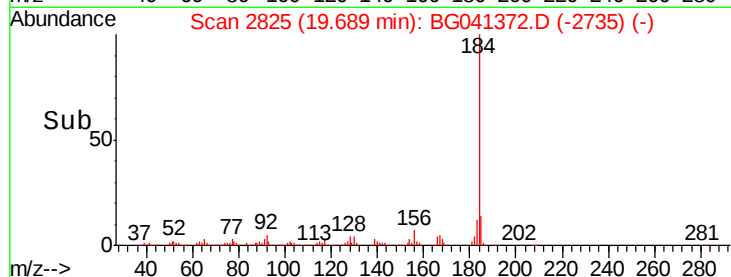
183 12.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.243 ng

RT: 19.87 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

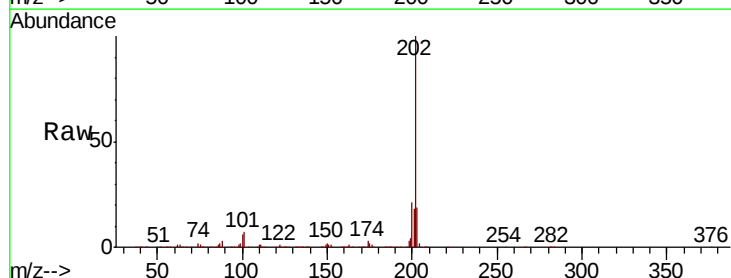
Tgt Ion:202 Resp: 589619

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

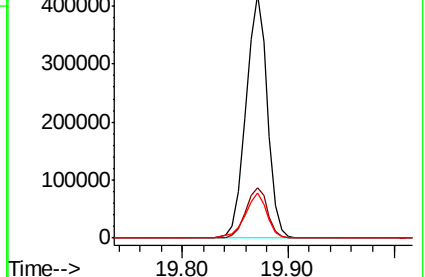
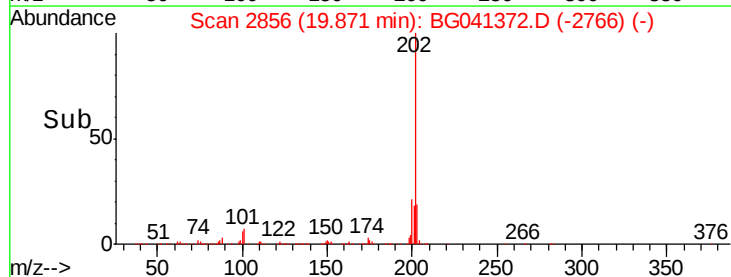
203 18.7 14.6 21.8

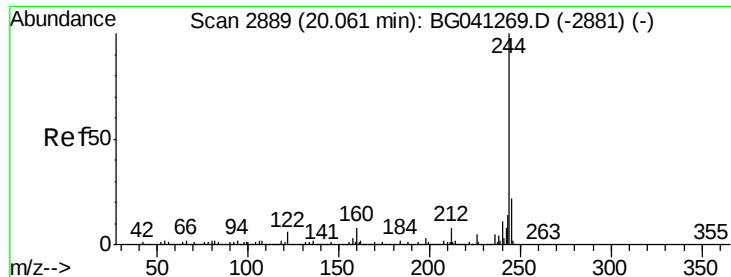


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.058 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

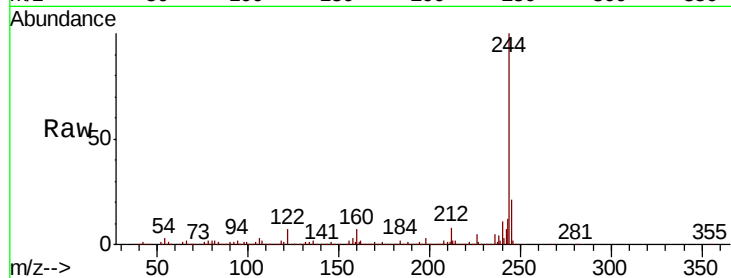
Tot Ion:244 Resp: 831624

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

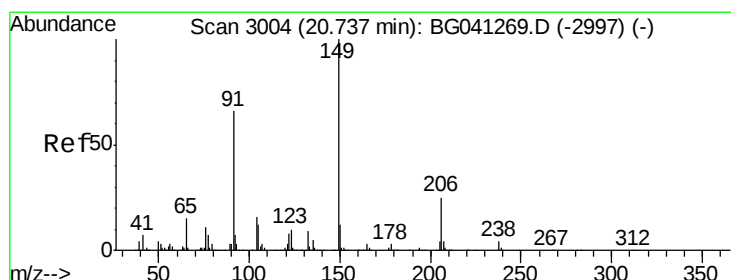
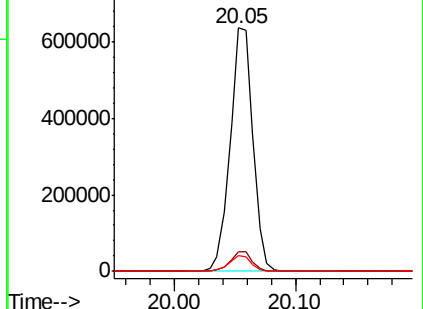
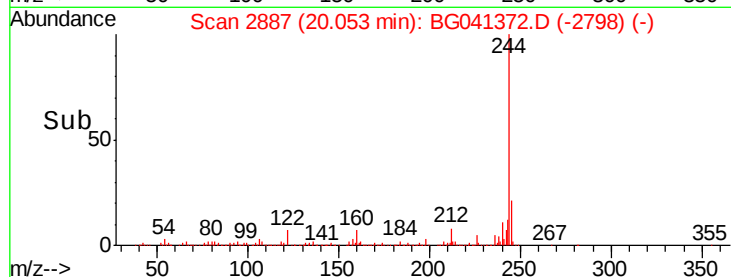
122 6.5 5.0 7.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.695 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

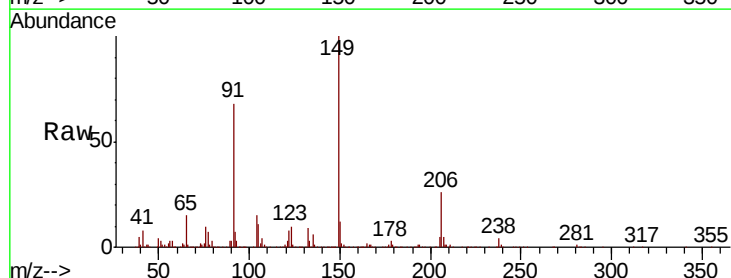
Tgt Ion:149 Resp: 220436

Ion Ratio Lower Upper

149 100

91 68.1 53.2 79.8

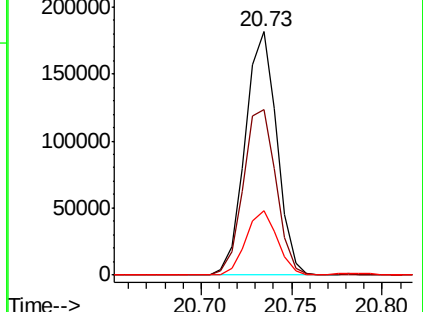
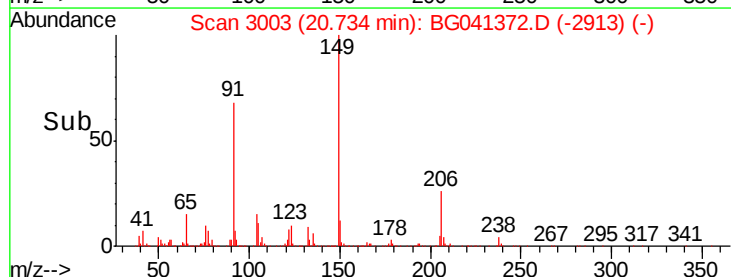
206 26.5 20.3 30.5

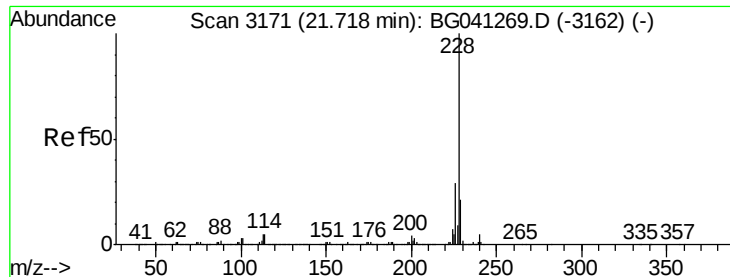


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.145 ng

RT: 21.72 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

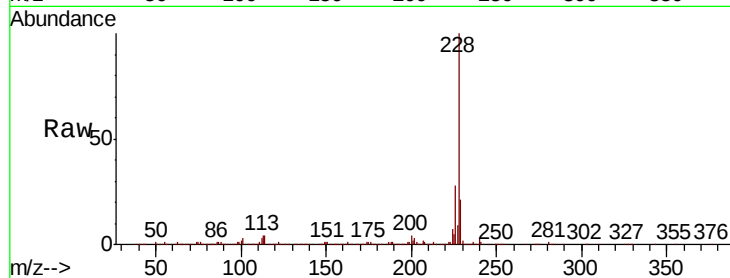
BNA_G

ClientSampleId :

PB120612BS

Tot Ion:228 Resp: 565671

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.2	34.8
229	20.9	16.8	25.2

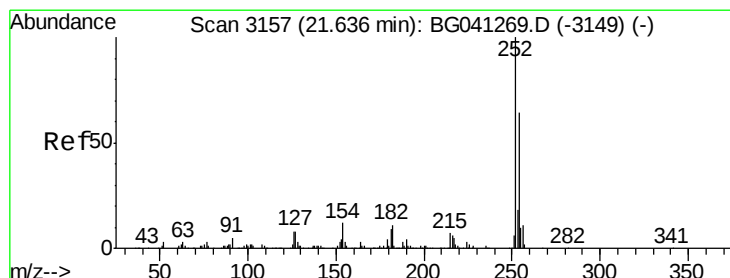
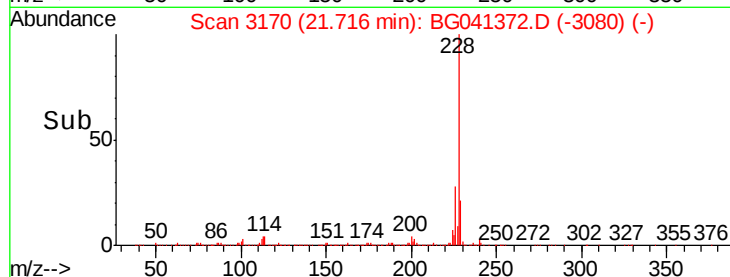
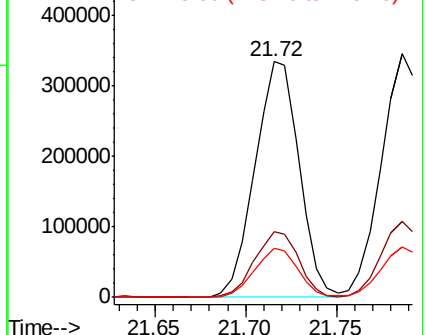


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.257 ng

RT: 21.63 min Scan# 3156

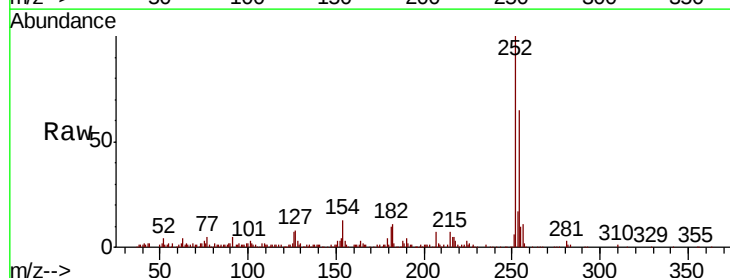
Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion:252 Resp: 133087

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.0
126	6.6	6.0	9.0

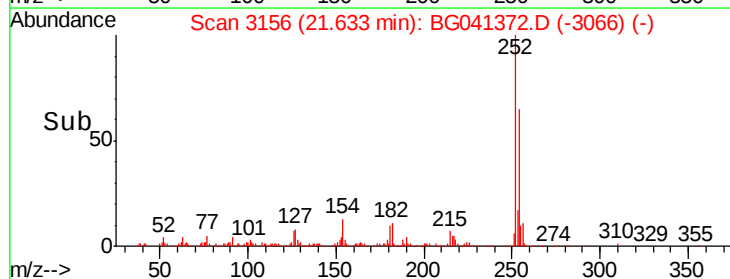
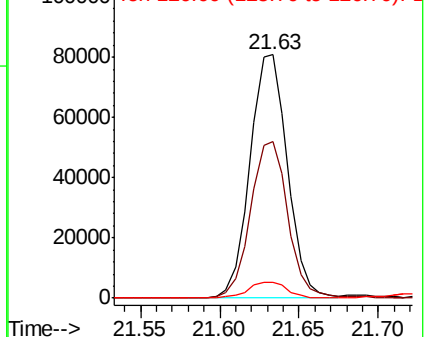


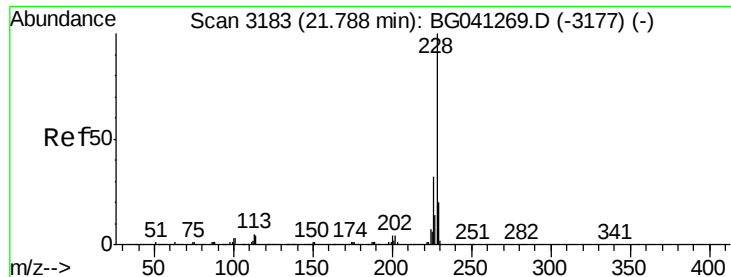
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.934 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

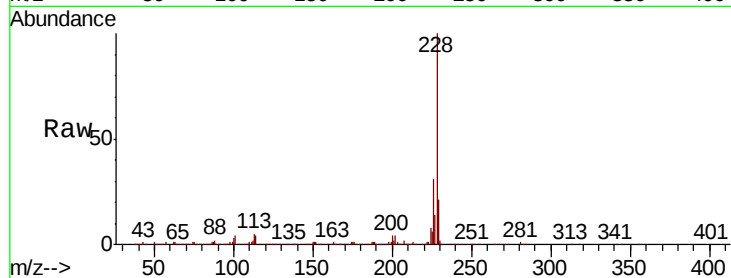
Tot Ion:228 Resp: 553502

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

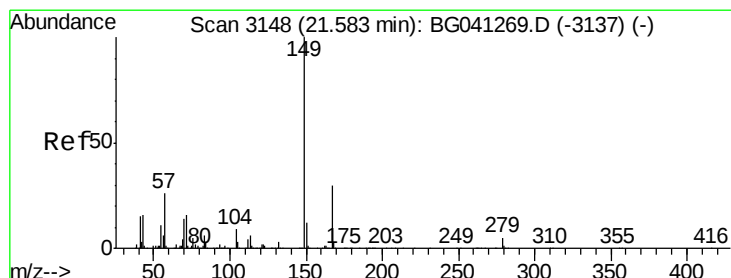
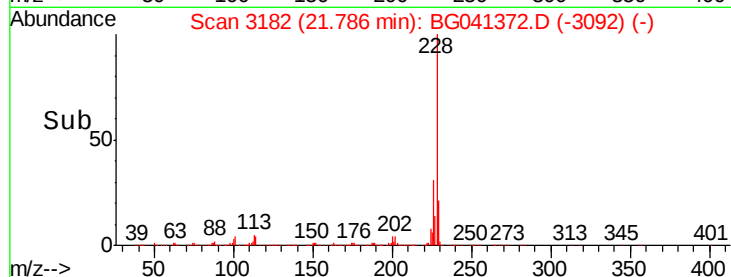
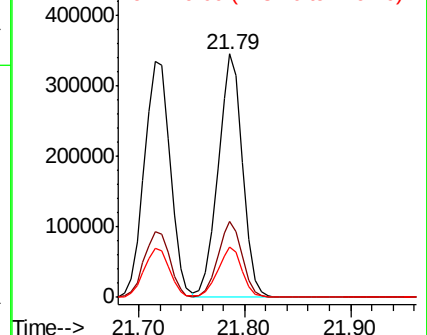
229 20.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.785 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

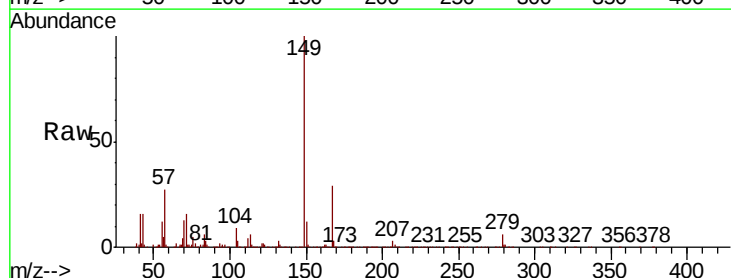
Tgt Ion:149 Resp: 294548

Ion Ratio Lower Upper

149 100

167 29.2 23.8 35.8

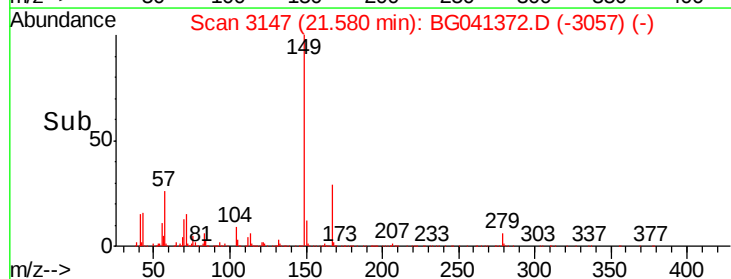
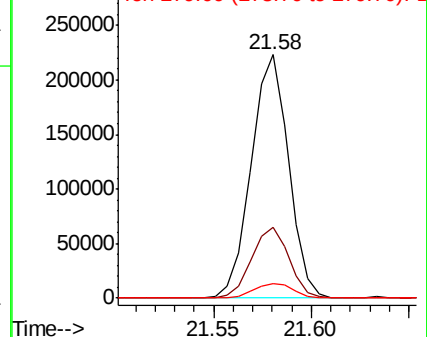
279 6.2 4.4 6.6

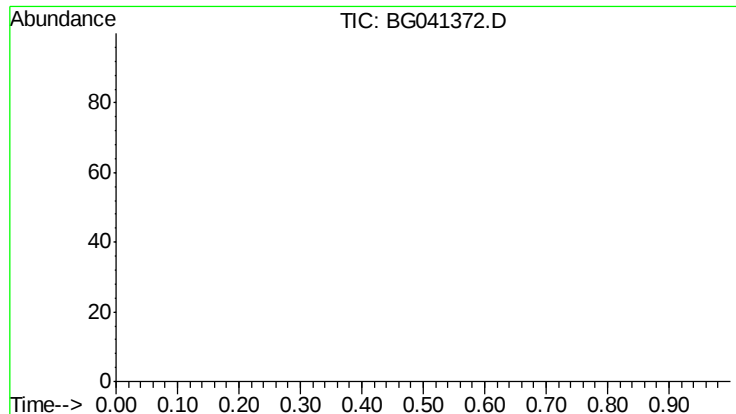


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlone-d12
Concen: 0.000 ng
Expected RT: 25.04 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion: 264	
Sig	Exp Ratio
264	100
260	21.8
265	21.5

