

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 :

Quant Time: Jun 21 16:19:52 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	25.05	264	200027	20.00	ng	0.00

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

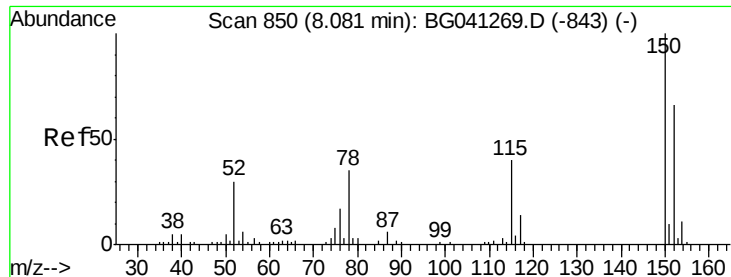
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041372.D
 Acq On : 21 Jun 2019 10:53
 Operator : HP/JU
 Sample : PB120612BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 21 16:19:52 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)
41) Hexachlorocyclopentadiene	12.87	237	185404	99.892	ng	100
43) 2,4,6-Trichlorophenol	13.15	196	81540	47.837	ng	97
44) 2,4,5-Trichlorophenol	13.23	196	89835	51.221	ng	96
46) 1,1'-Biphenyl	13.54	154	235563	46.695	ng	98
47) 2-Chloronaphthalene	13.60	162	194124	44.696	ng	100
48) 2-Nitroaniline	13.81	65	67767	42.604	ng	94
49) Acenaphthylene	14.44	152	304632	46.222	ng	99
50) Dimethylphthalate	14.16	163	259210	43.658	ng	100
51) 2,6-Dinitrotoluene	14.29	165	56723	45.309	ng	92
52) Acenaphthene	14.78	154	175736	45.409	ng	95
53) 3-Nitroaniline	14.63	138	34629	28.076	ng	99
54) 2,4-Dinitrophenol	14.84	184	78398	86.663	ng	92
55) Dibenzofuran	15.11	168	308862	45.902	ng	96
56) 4-Nitrophenol	14.94	139	84165	89.428	ng	92
57) 2,4-Dinitrotoluene	15.08	165	80926	44.221	ng	94
58) Fluorene	15.76	166	240751	45.483	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	86217	47.537	ng	98
60) Diethylphthalate	15.51	149	260496	43.166	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	151319	43.938	ng	98
62) 4-Nitroaniline	15.80	138	57336	43.463	ng	93
63) Azobenzene	16.03	77	235638	43.768	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	51737	45.948	ng	97
66) n-Nitrosodiphenylamine	15.96	169	218402	47.414	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	97216	43.340	ng	93
68) Hexachlorobenzene	16.75	284	102532	42.686	ng	96
69) Atrazine	16.90	200	95509	Below Cal		97
70) Pentachlorophenol	17.10	266	120066	97.618	ng	98
71) Phenanthrene	17.50	178	421739	45.583	ng	97
72) Anthracene	17.59	178	439502	48.184	ng	99
73) Carbazole	17.87	167	387108	48.515	ng	99
74) Di-n-butylphthalate	18.39	149	465066	46.712	ng	99
75) Fluoranthene	19.51	202	584238	47.531	ng	99
77) Benzidine	19.69	184	282736	63.165	ng	98
78) Pyrene	19.87	202	589619	47.243	ng	99
80) Butylbenzylphthalate	20.73	149	220436	46.695	ng	98
81) Benzo(a)anthracene	21.72	228	565671	45.145	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	133087	30.257	ng	99
83) Chrysene	21.79	228	553502	45.934	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	294548	45.785	ng	99
85) Di-n-octyl phthalate	22.81	149	511053	46.953	ng	98
86) Indeno(1,2,3-cd)pyrene	28.88	276	670159	46.876	ng	# 97
88) Benzo(b)fluoranthene	24.00	252	575947	46.461	ng	98
89) Benzo(k)fluoranthene	24.07	252	550399	44.820	ng	98
90) Benzo(a)pyrene	24.90	252	557333	47.605	ng	97
91) Dibenzo(a,h)anthracene	28.94	278	556189	47.189	ng	96
92) Benzo(g,h,i)perylene	30.09	276	561001	48.163	ng	97

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

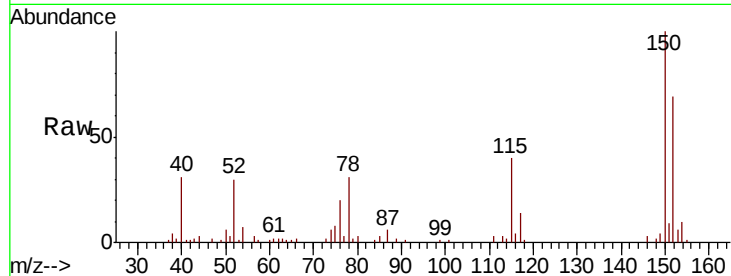


#1

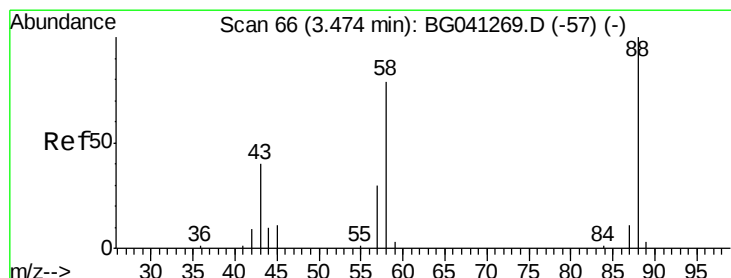
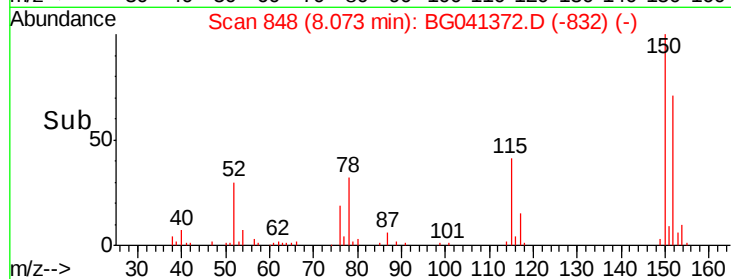
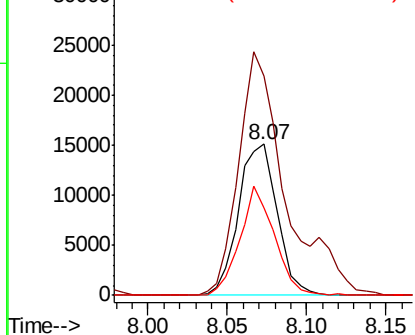
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :

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



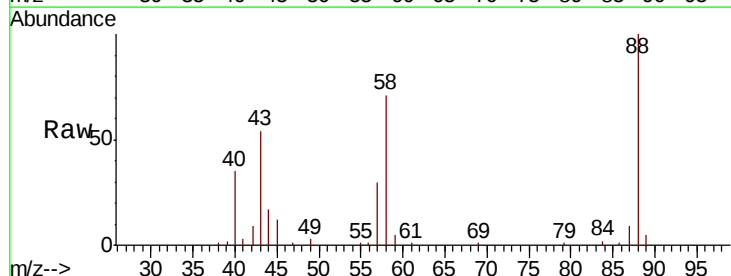
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



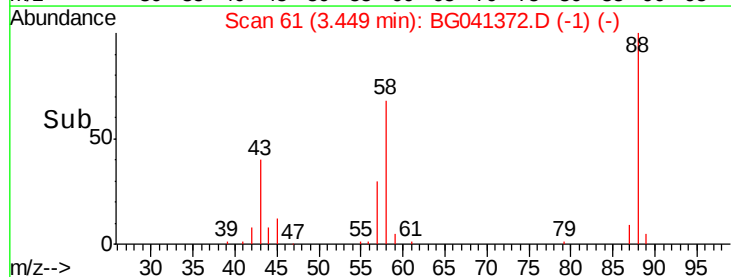
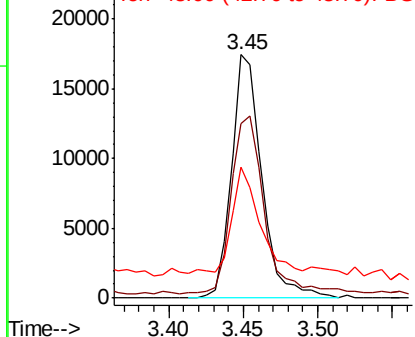
#2

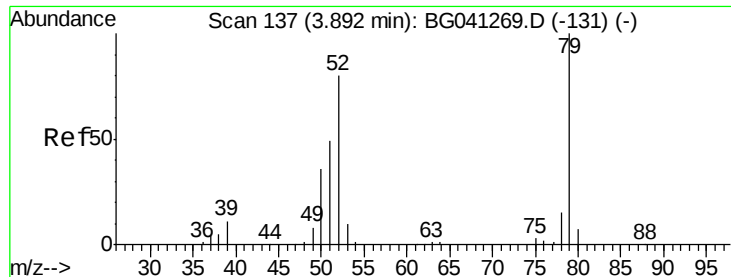
1,4-Dioxane
Concen: 35.369 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.03 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

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

ClientSampled :

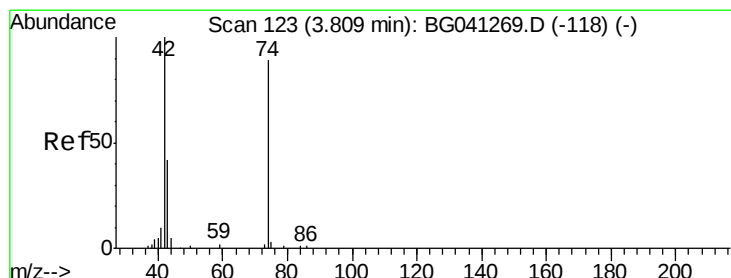
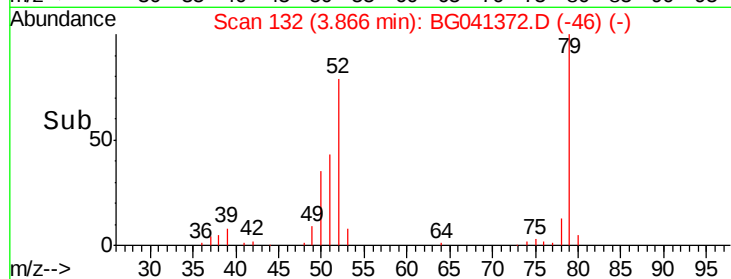
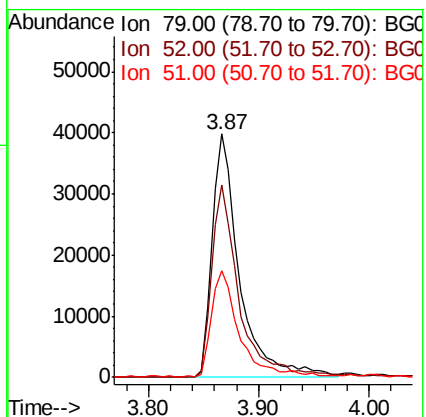
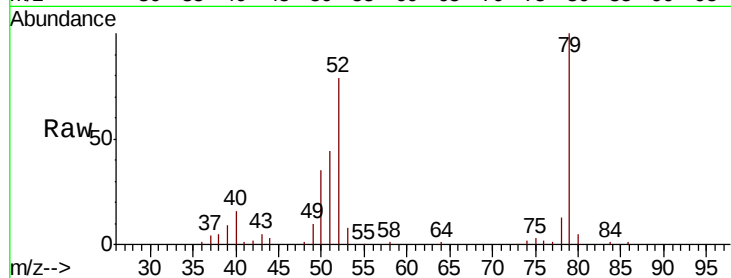
Tot Ion: 79 Resp: 67865

Ion Ratio Lower Upper

79 100

52 78.8 63.6 95.4

51 43.7 39.8 59.6



#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

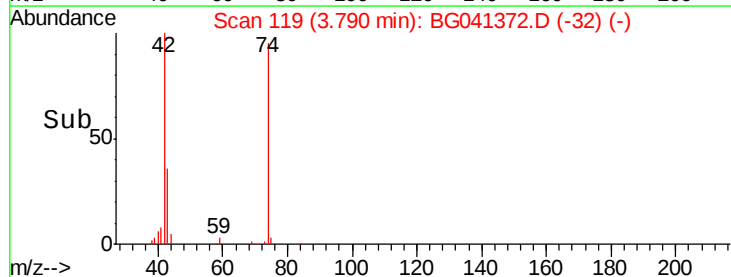
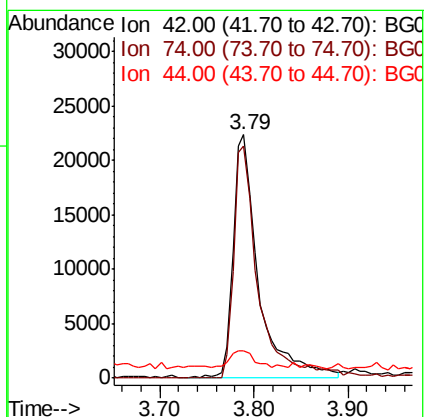
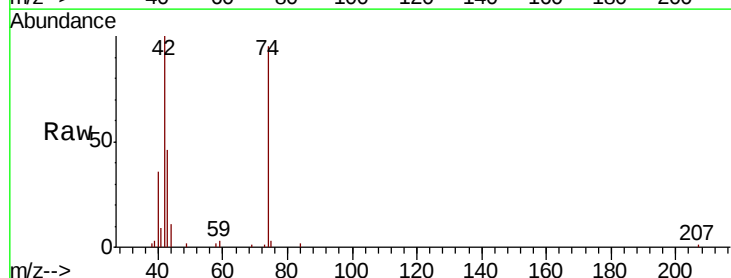
Tgt Ion: 42 Resp: 42058

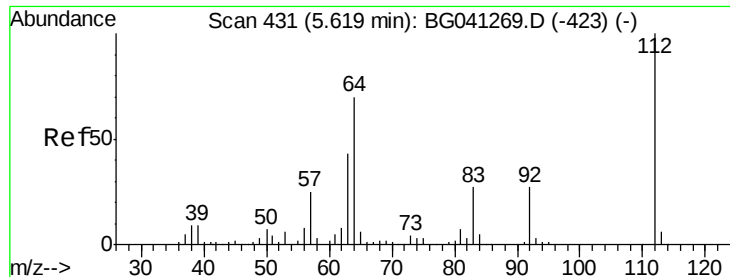
Ion Ratio Lower Upper

42 100

74 95.3 71.6 107.4

44 11.0 9.0 13.4





#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

ClientSampled :

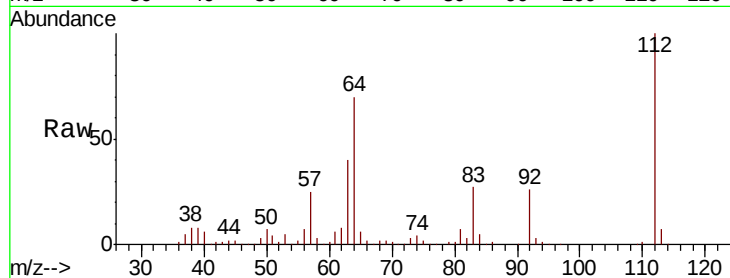
Tot Ion: 112 Resp: 196747

Ion Ratio Lower Upper

112 100

64 69.8 55.9 83.9

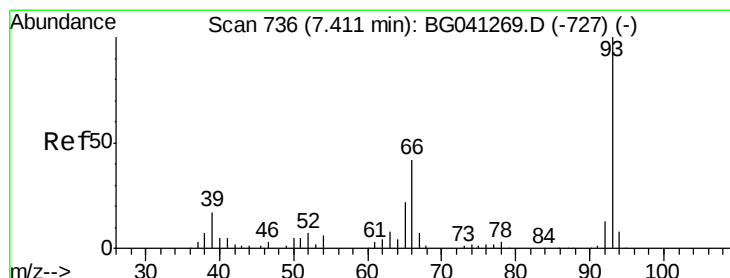
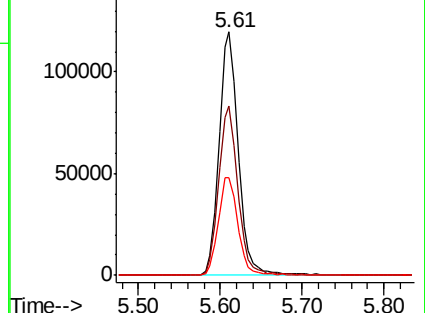
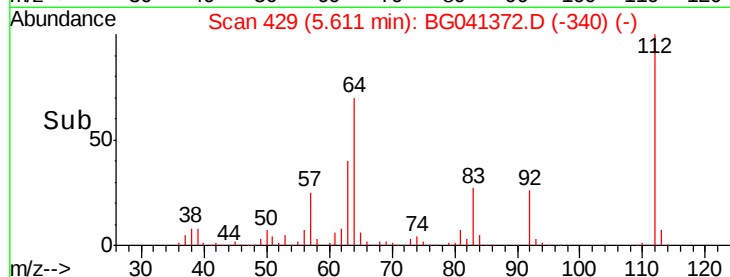
63 40.3 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): E

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

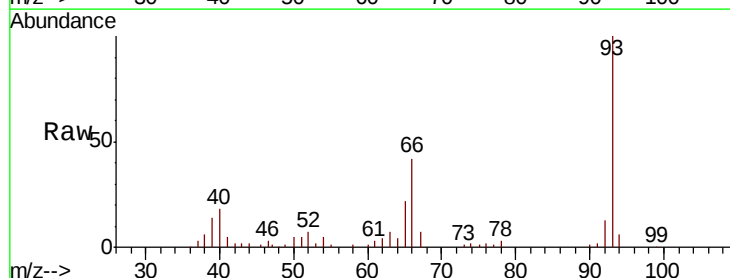
Tgt Ion: 93 Resp: 84920

Ion Ratio Lower Upper

93 100

66 42.1 34.2 51.2

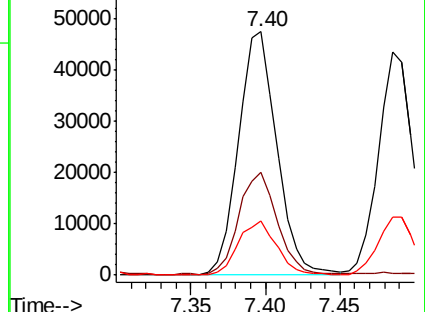
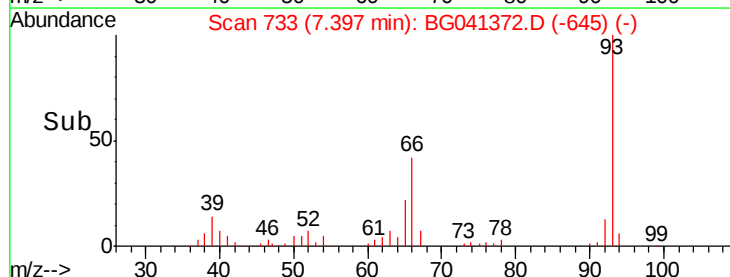
65 22.3 17.7 26.5

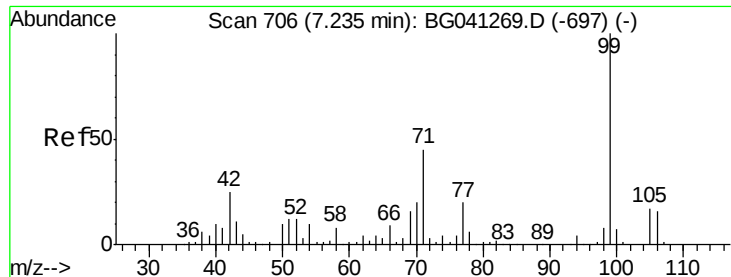


Abundance Ion 93.00 (92.70 to 93.70): BGC

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 :

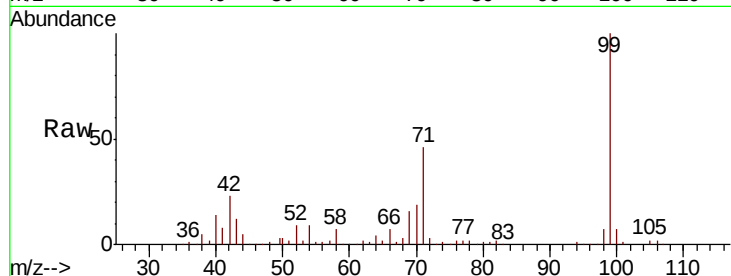
Tot Ion: 99 Resp: 267161

Ion Ratio Lower Upper

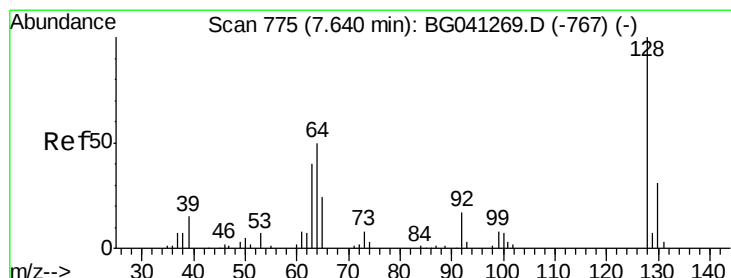
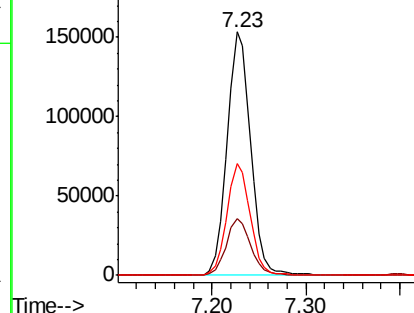
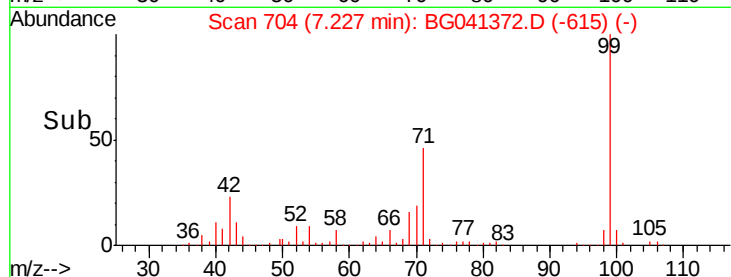
99 100

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

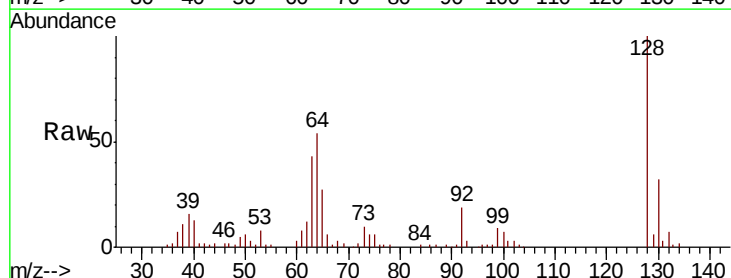
Tgt Ion: 128 Resp: 79448

Ion Ratio Lower Upper

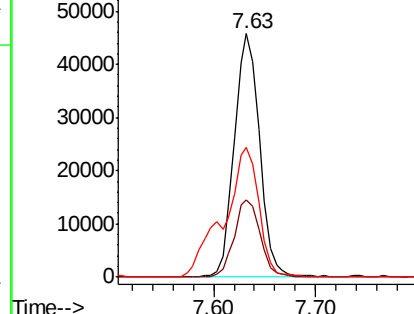
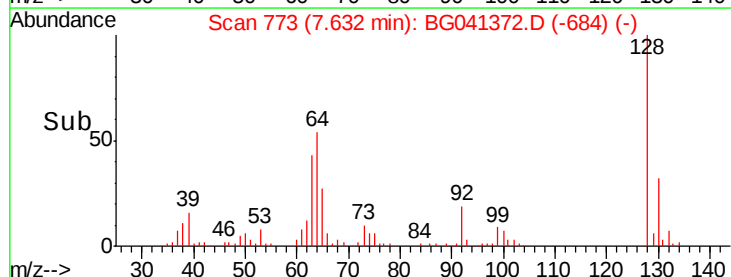
128 100

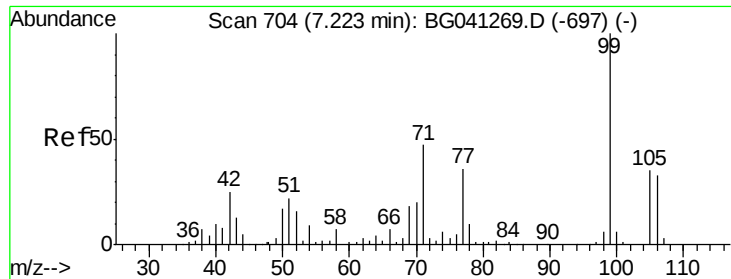
130 31.8 11.1 51.1

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

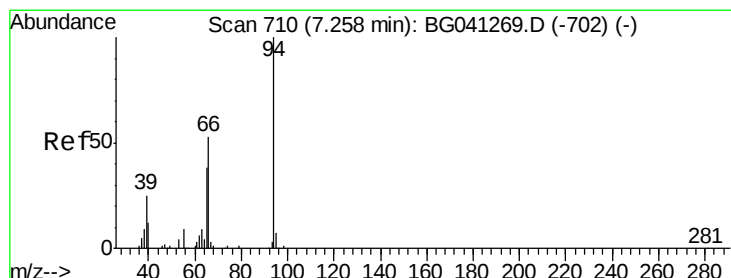
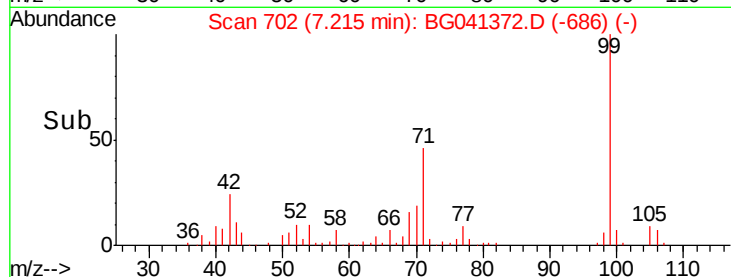
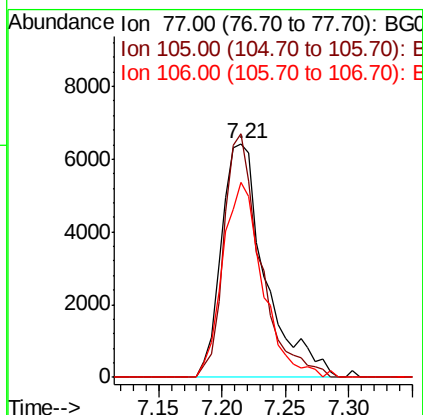
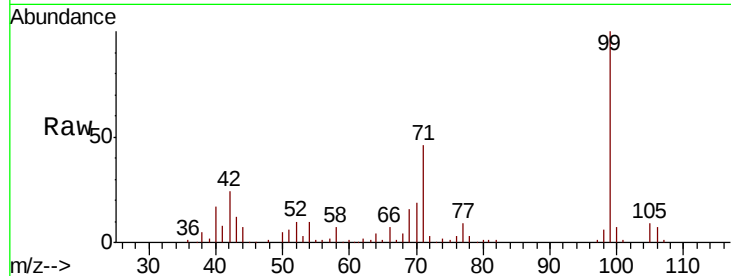




#9
Benzaldehyde
Concen: 11.883 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

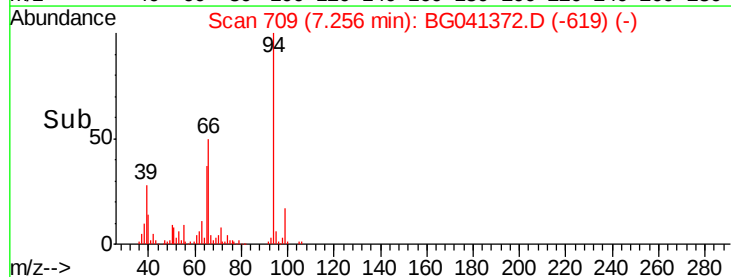
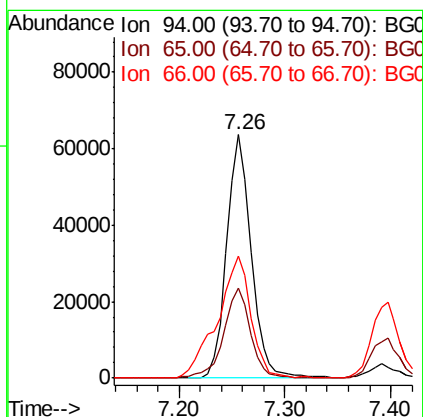
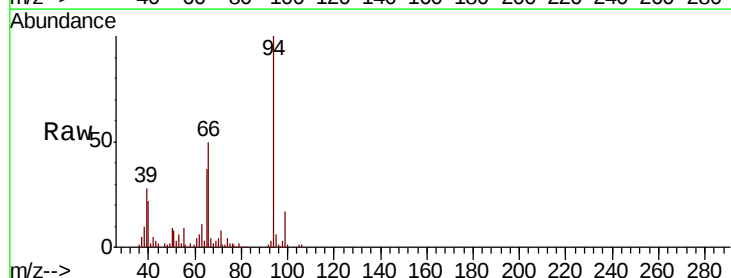
Instrument :
BNA_G
ClientSampled :

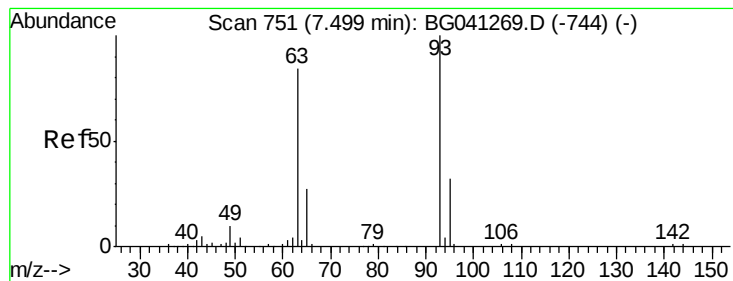
Tot Ion: 77 Resp: 15417
Ion Ratio Lower Upper
77 100
105 104.1 78.7 118.7
106 83.2 71.1 111.1



#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





#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 :

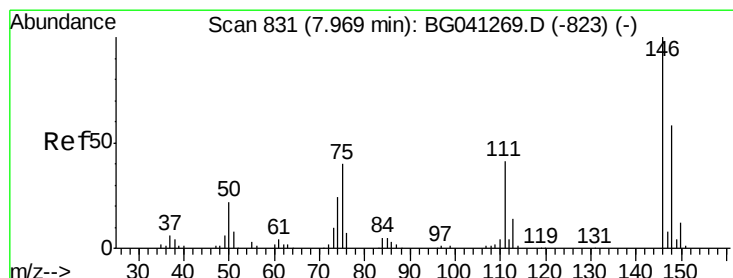
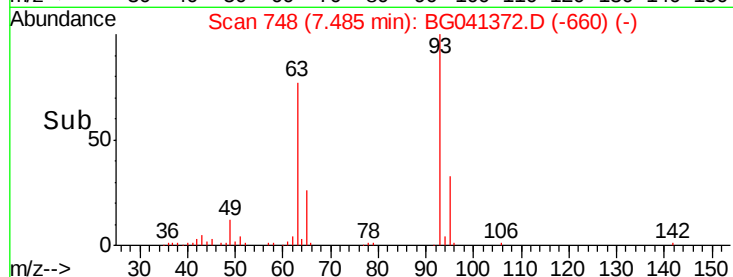
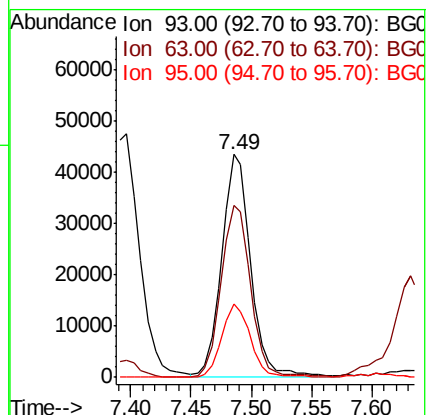
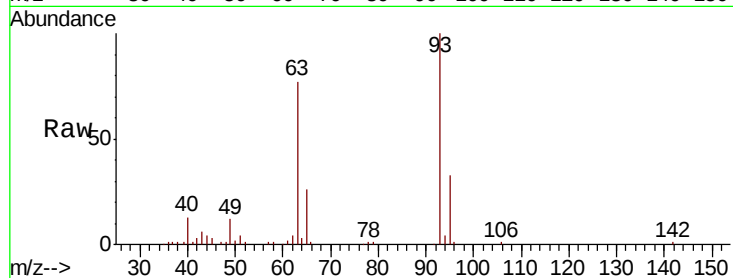
Tot Ion: 93 Resp: 72166

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

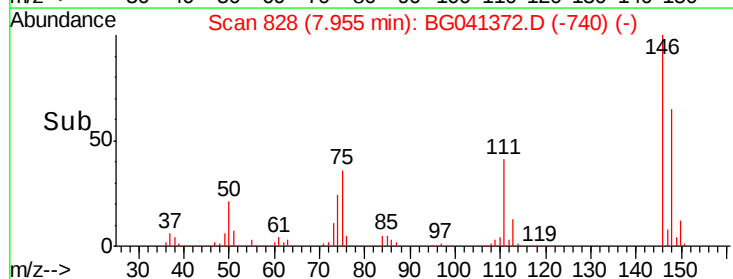
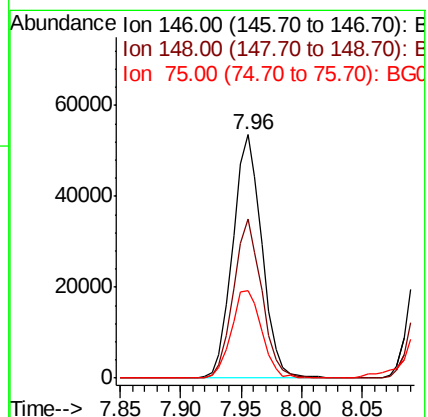
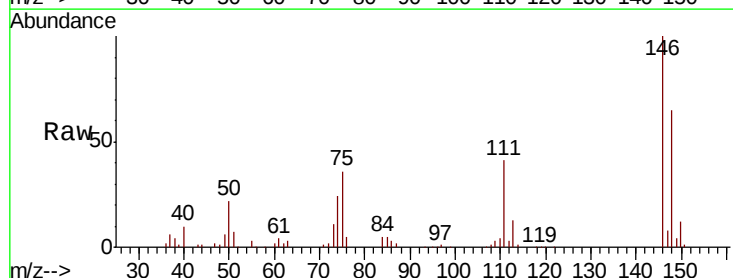
Tgt Ion: 146 Resp: 89968

Ion Ratio Lower Upper

146 100

148 65.5 46.5 69.7

75 36.1 32.2 48.4

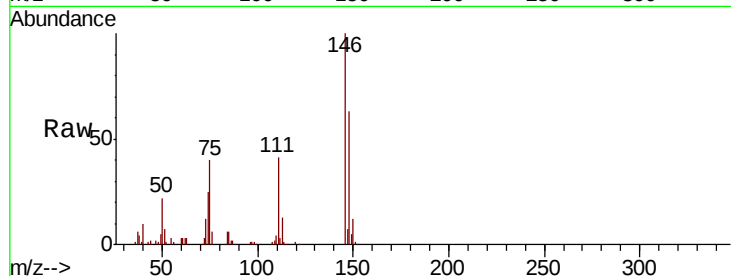




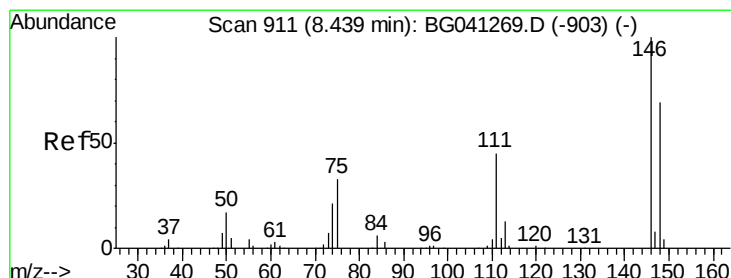
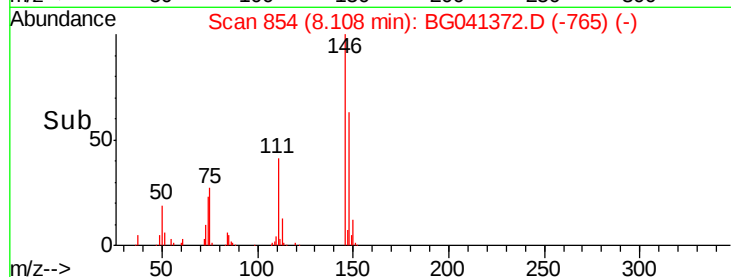
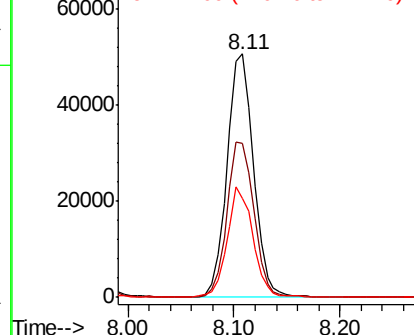
#13
1,4-Dichlorobenzene
Concen: 41.862 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :

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

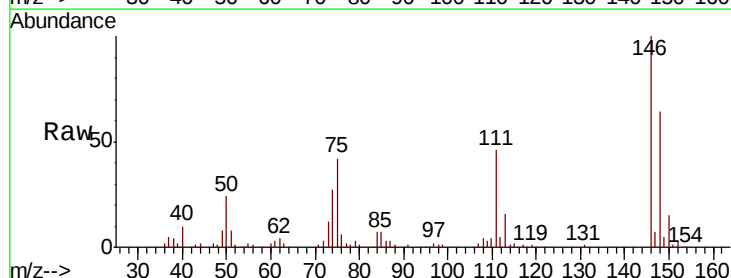


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

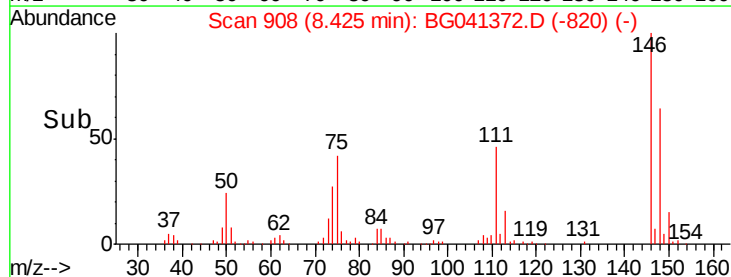
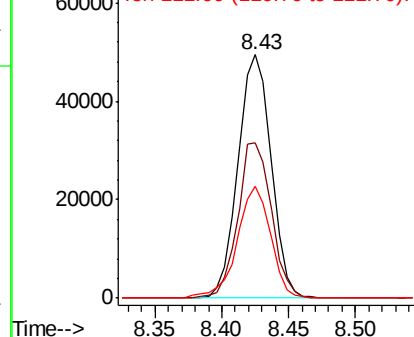


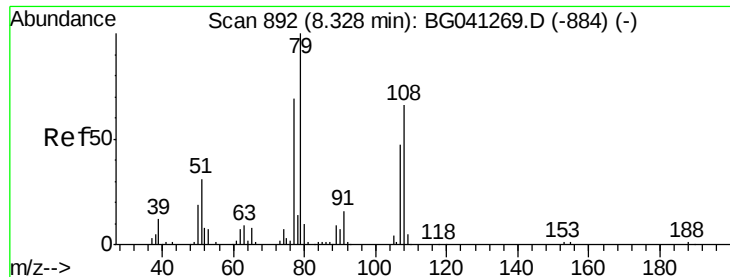
#14
1,2-Dichlorobenzene
Concen: 42.409 ng
RT: 8.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

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



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: 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 :

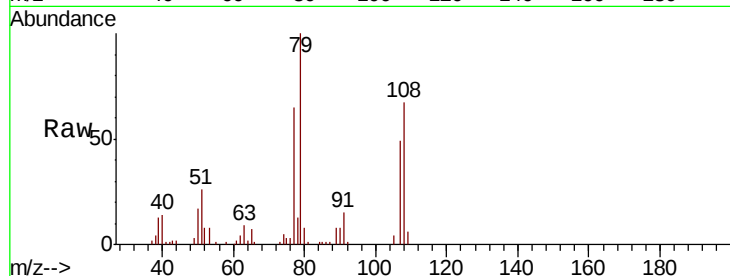
Tot Ion: 79 Resp: 74526

Ion Ratio Lower Upper

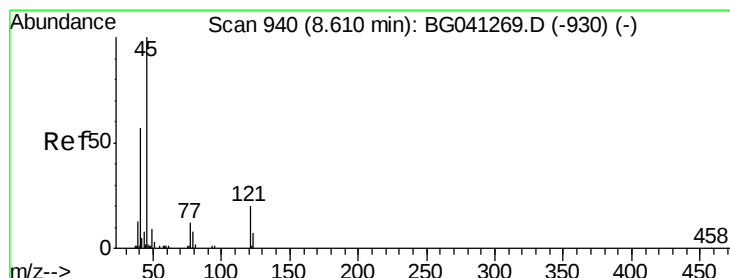
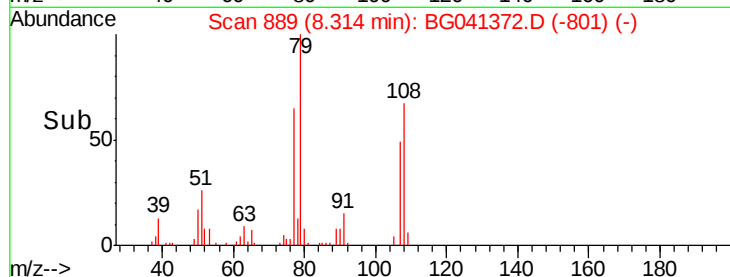
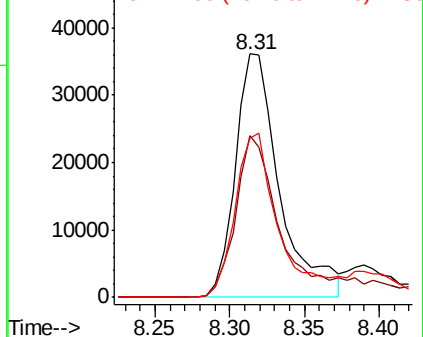
79 100

108 66.5 52.7 79.1

77 65.3 55.2 82.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 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

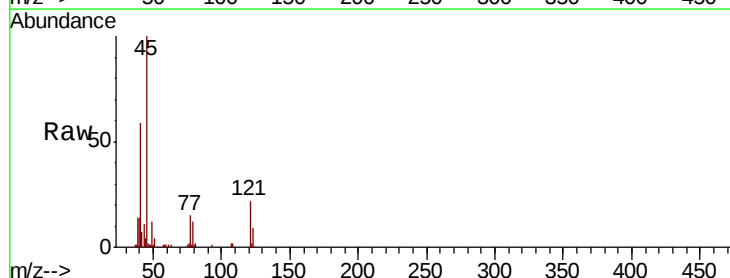
Tgt Ion: 45 Resp: 104451

Ion Ratio Lower Upper

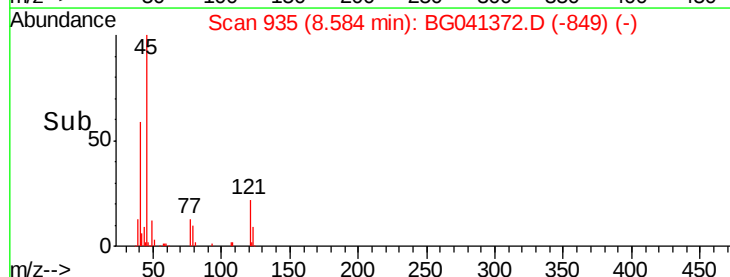
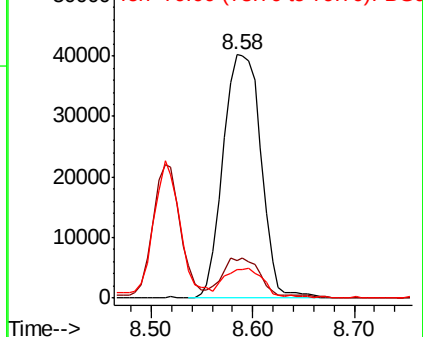
45 100

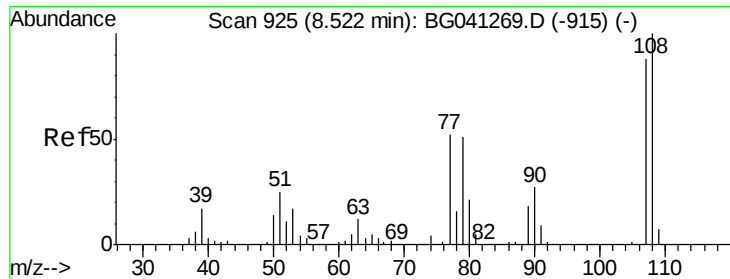
77 15.2 0.0 35.2

79 11.5 0.0 31.6



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

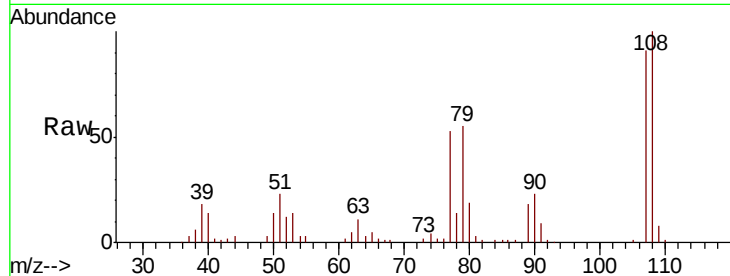




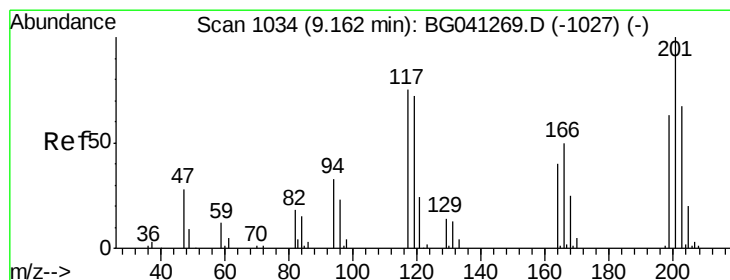
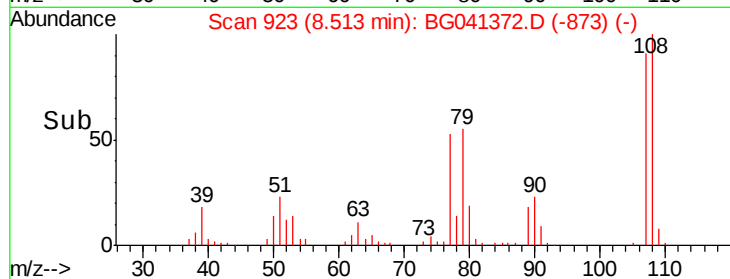
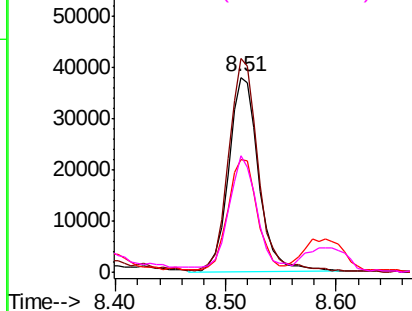
#17
2-Methylphenol
Concen: 45.928 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampled :

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

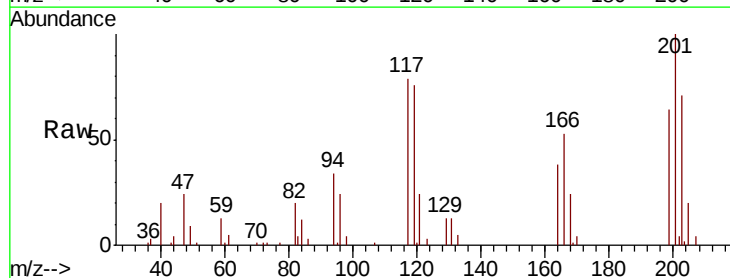


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

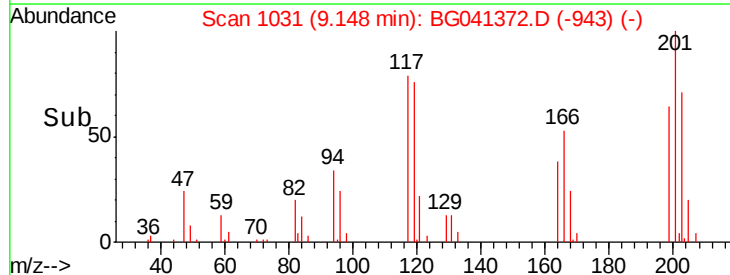
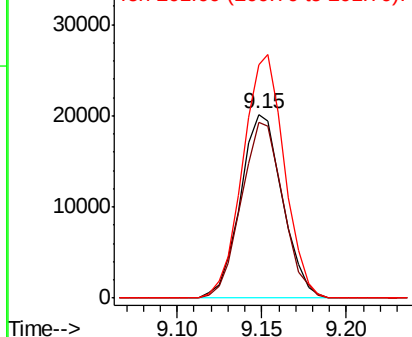


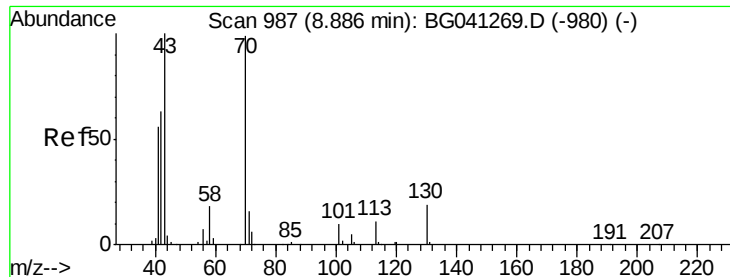
#18
Hexachloroethane
Concen: 41.901 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

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

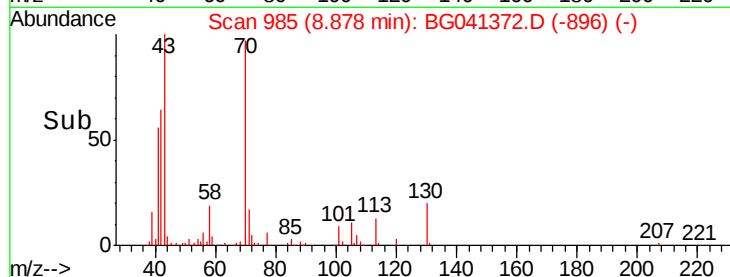
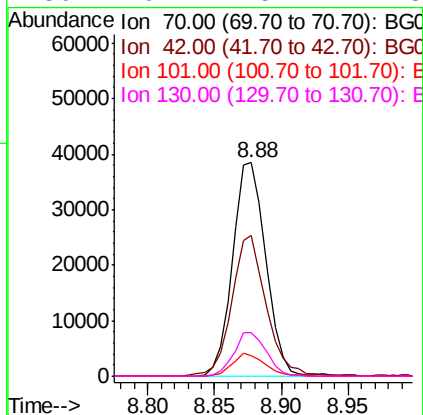
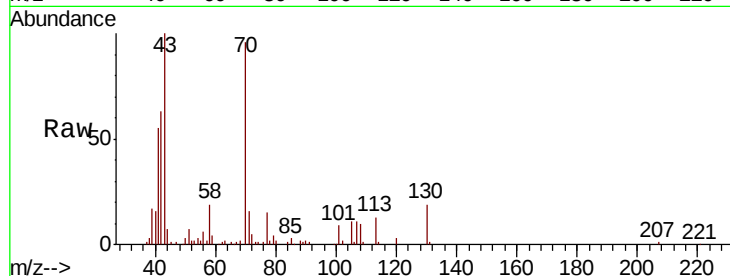




#19
n-Nitroso-di-n-propylamine
Concen: 40.602 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

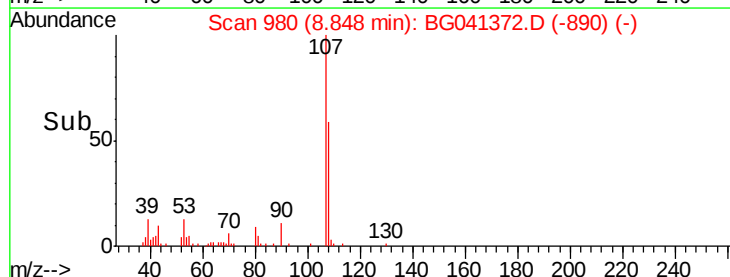
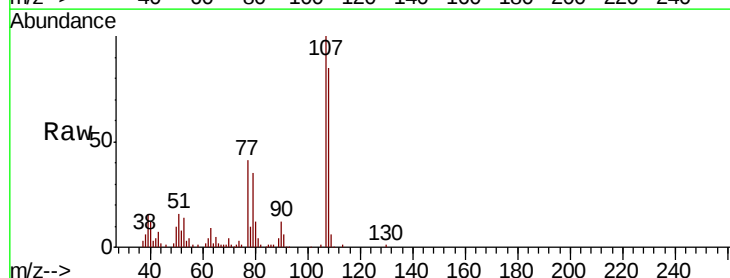
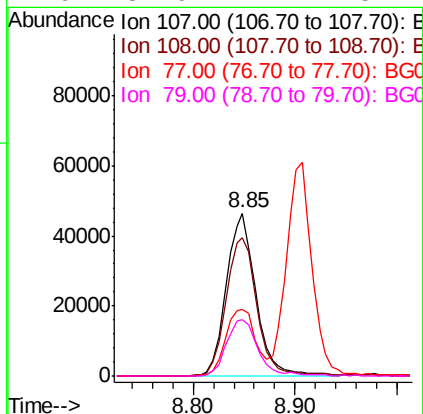
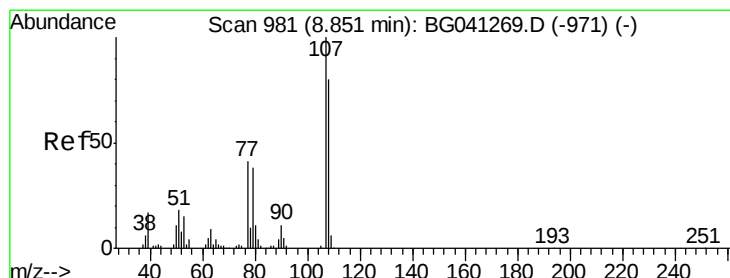
Instrument :
BNA_G
ClientSampleId :

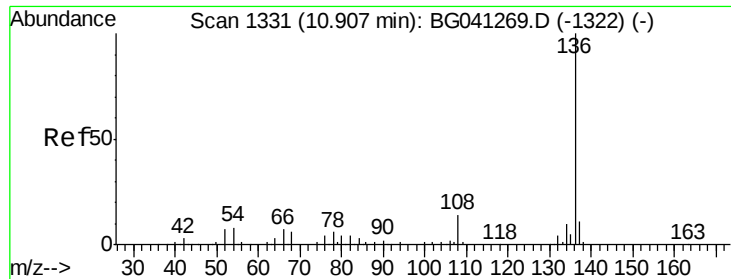
Tot Ion:	70	Resp:	66611
Ion	Ratio	Lower	Upper
70	100		
42	65.9	51.4	77.2
101	9.7	8.2	12.2
130	20.2	15.2	22.8



#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

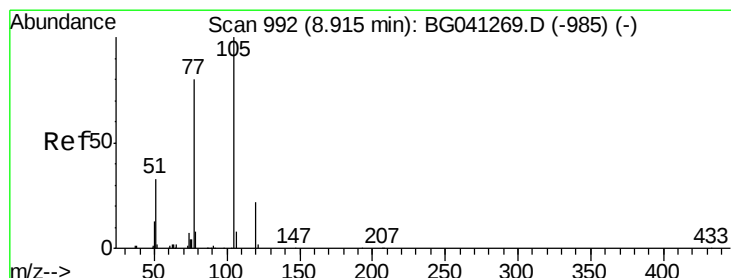
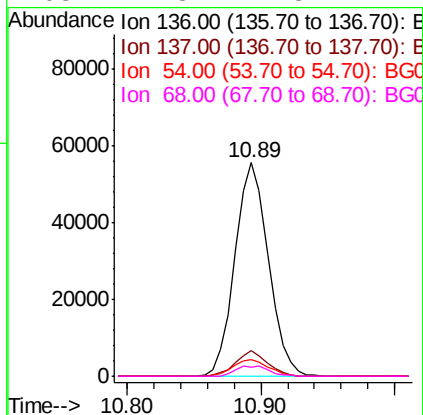
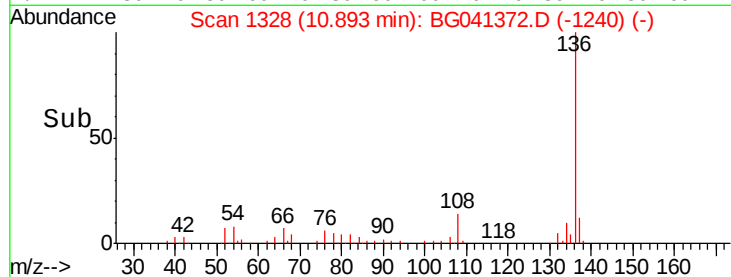
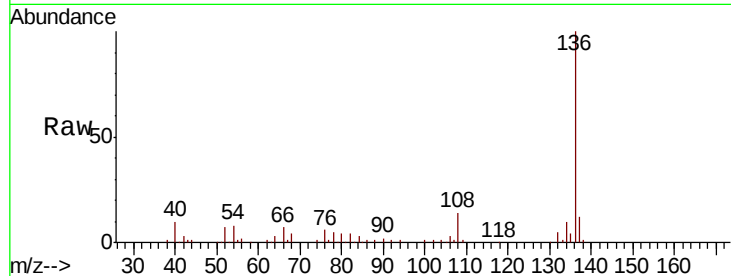
Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

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

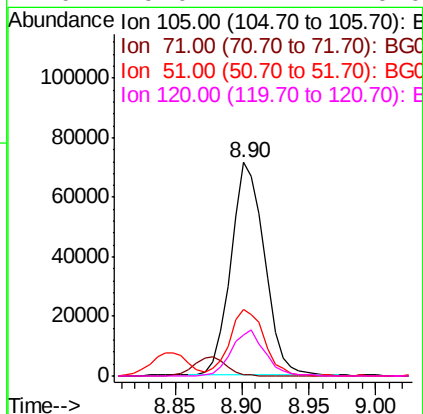
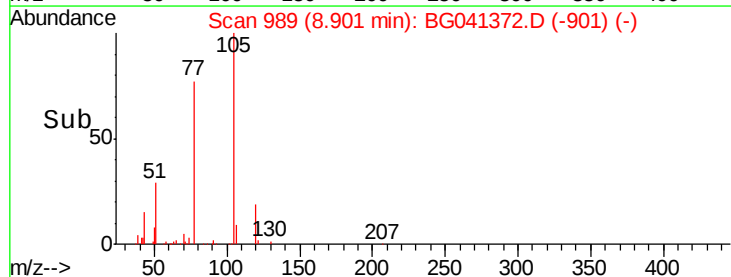
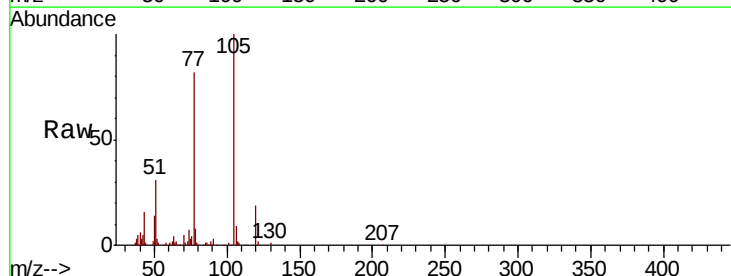
RT: 8.90 min Scan# 989

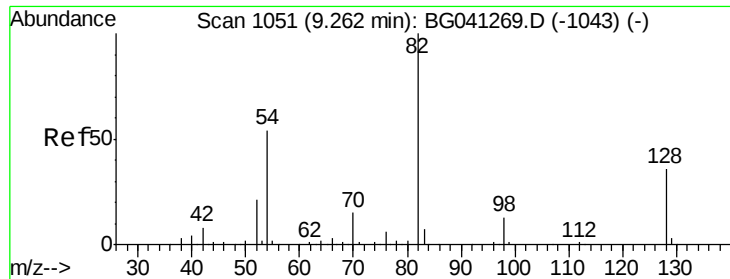
Delta R.T. -0.01 min

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

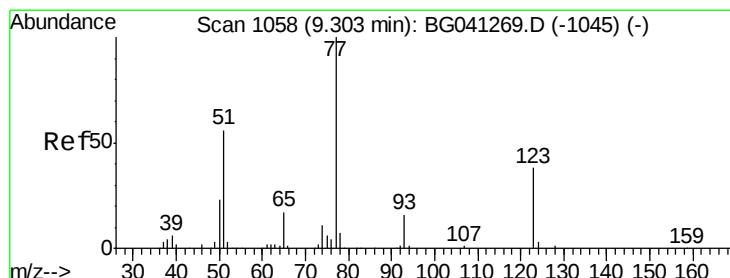
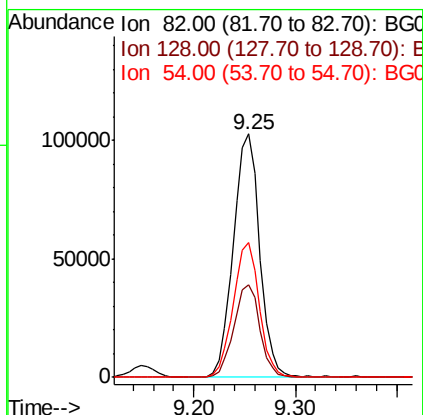
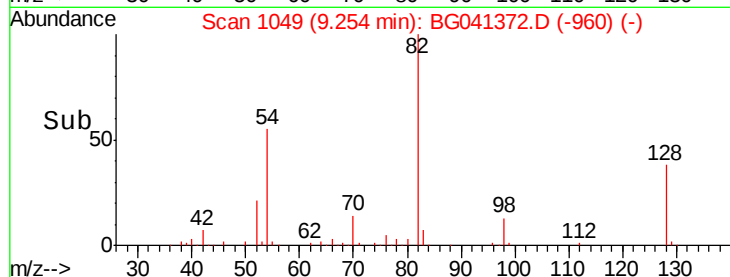
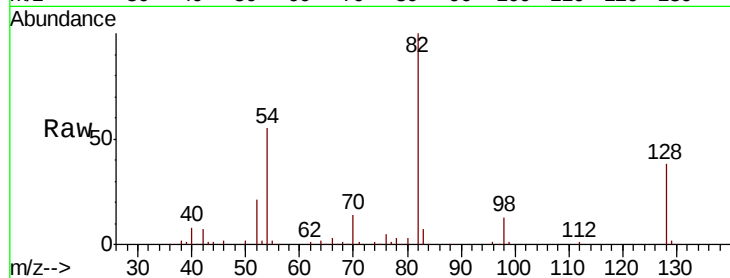




#23
Nitrobenzene-d5
Concen: 80.775 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

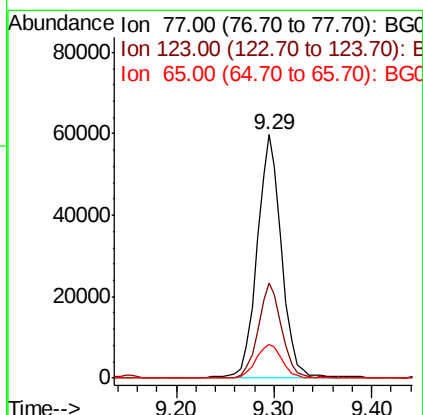
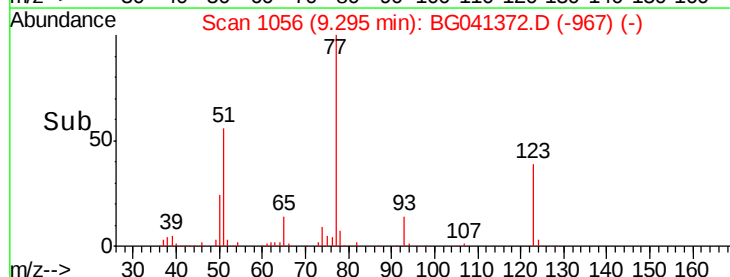
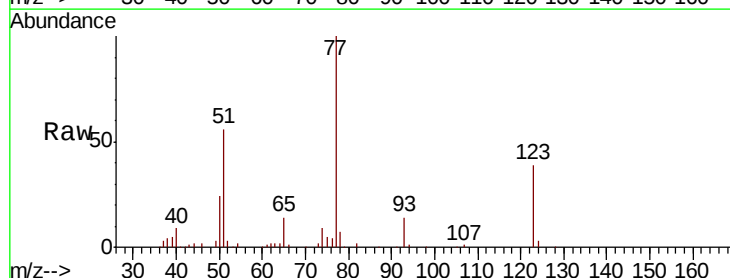
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	185593
Ion Ratio	100	Lower	Upper
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	77	Resp	104481
Ion Ratio	100	Lower	Upper
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

ClientSampled :

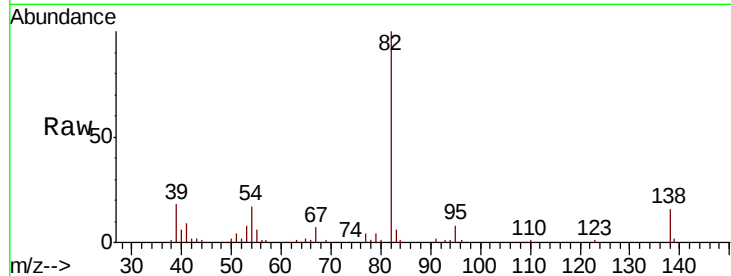
Tot Ion: 82 Resp: 185927

Ion Ratio Lower Upper

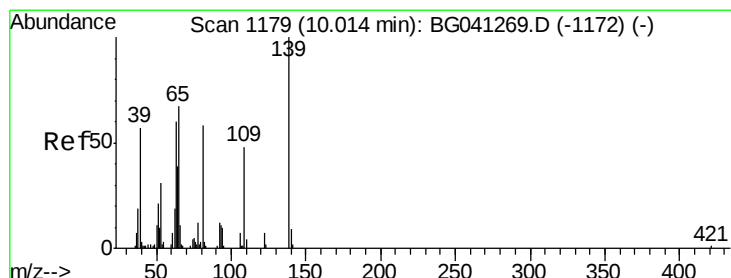
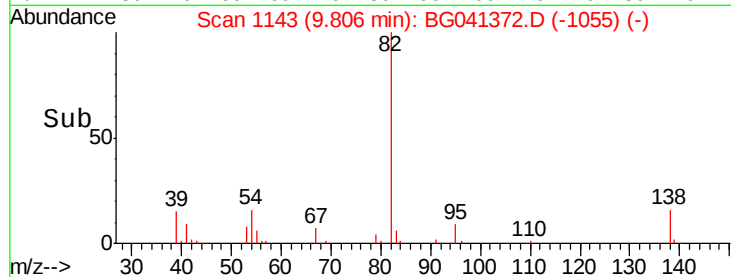
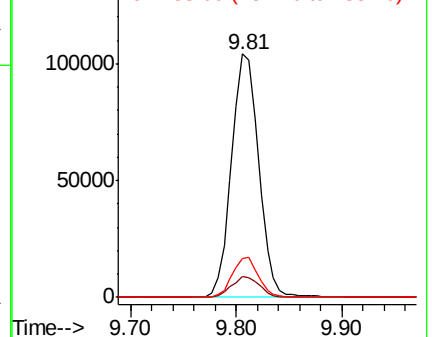
82 100

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

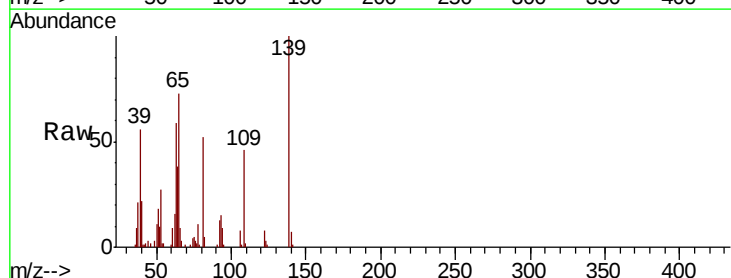
Tgt Ion: 139 Resp: 45432

Ion Ratio Lower Upper

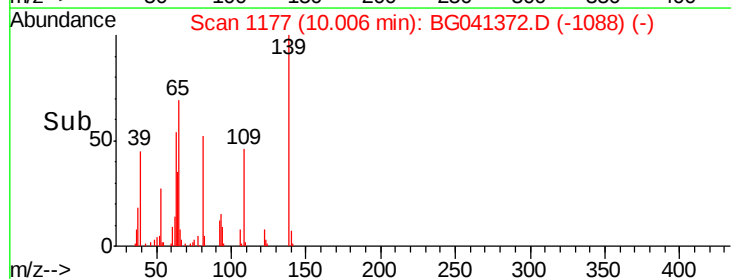
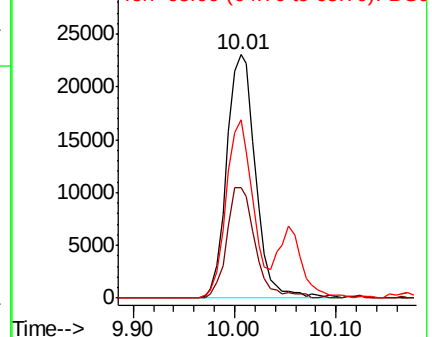
139 100

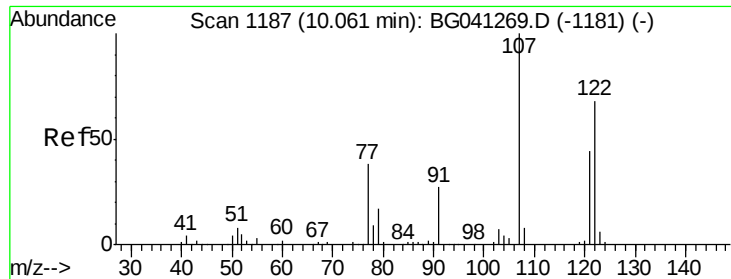
109 45.6 38.4 57.6

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

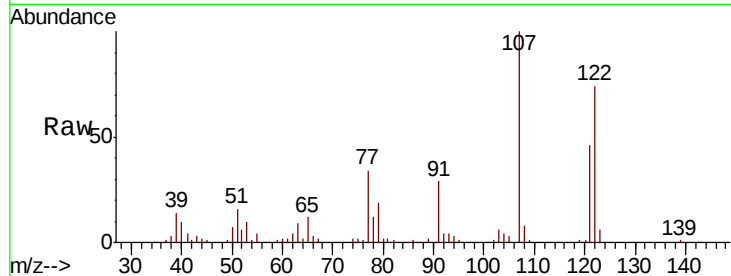




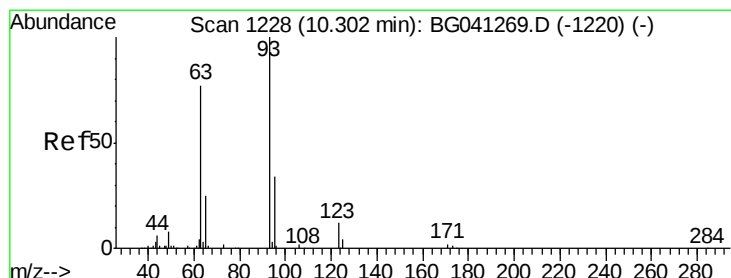
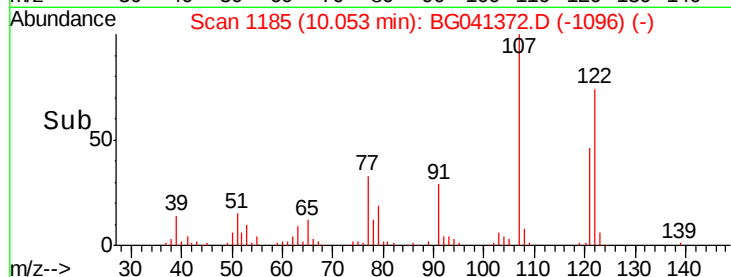
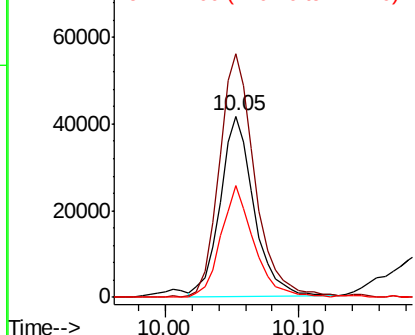
#27
2,4-Dimethylphenol
Concen: 52.274 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :

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

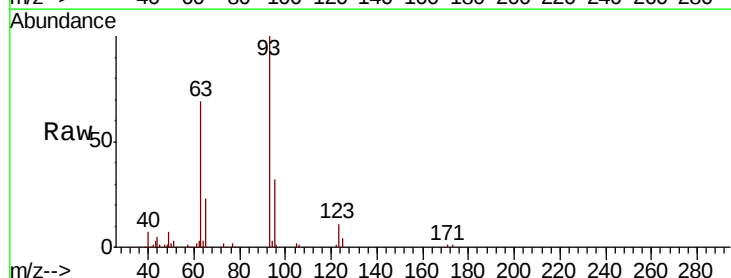


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

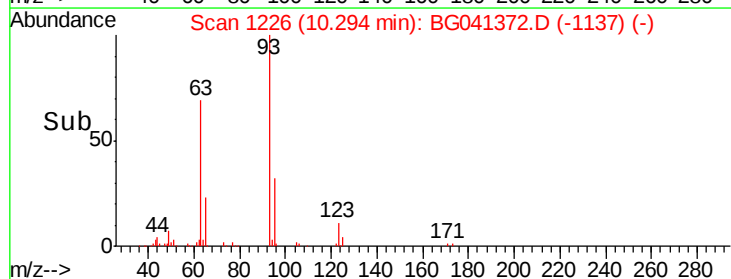
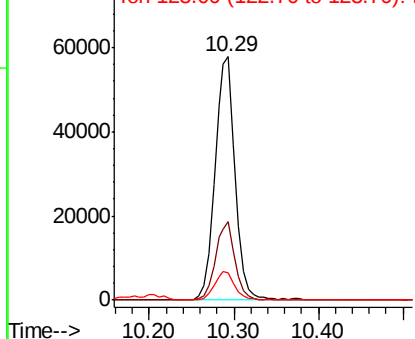


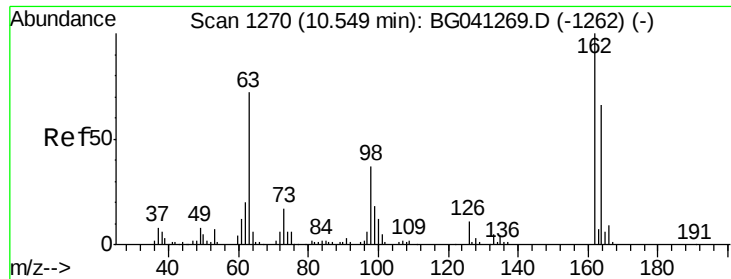
#28
bis(2-Chloroethoxy)methane
Concen: 43.888 ng
RT: 10.29 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

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

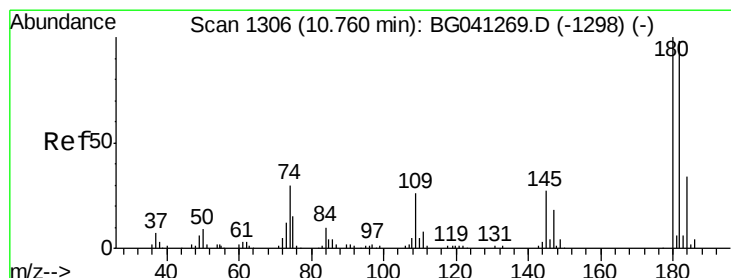
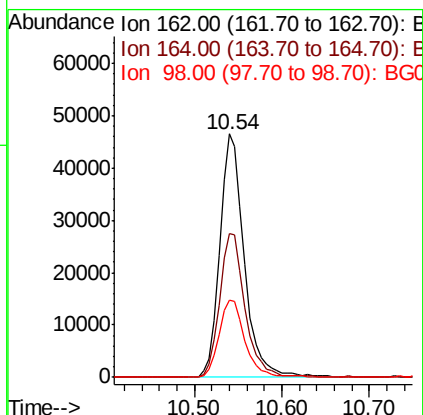
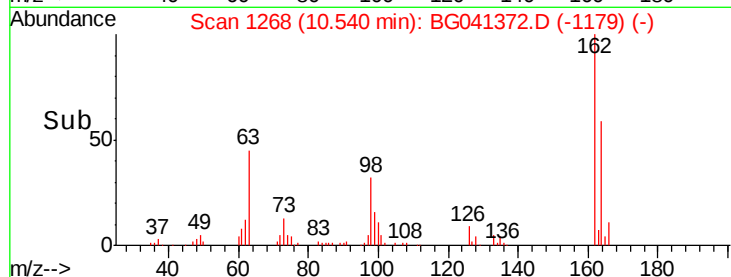
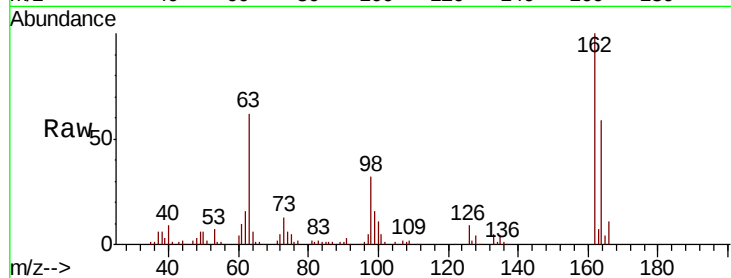




#29
 2,4-Dichlorophenol
 Concen: 51.433 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

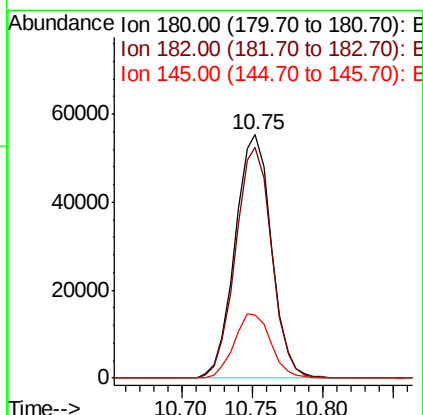
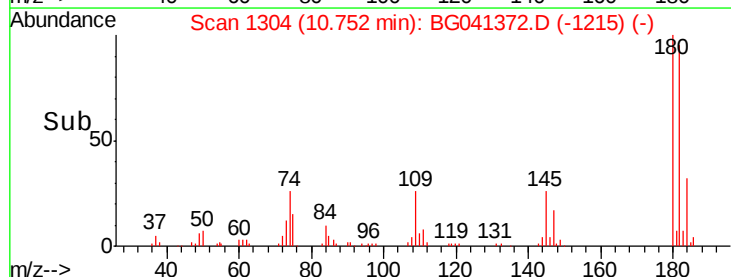
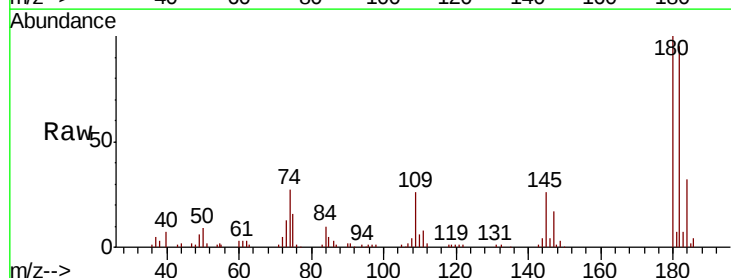
Instrument :
 BNA_G
 ClientSampleId :

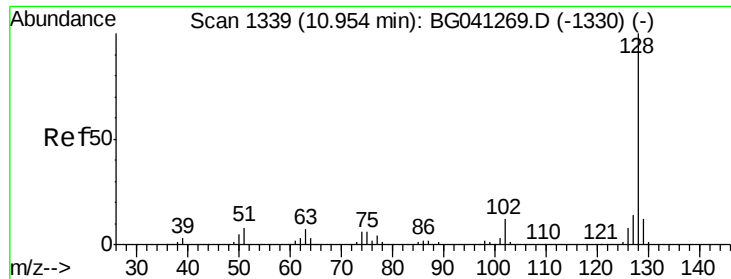
Tot Ion	162	Resp	89556
Ion Ratio	Lower	Upper	
162	100		
164	59.2	46.0	86.0
98	31.8	17.4	57.4



#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	180	Resp	99521
Ion Ratio	Lower	Upper	
180	100		
182	94.9	78.6	117.8
145	26.2	21.7	32.5

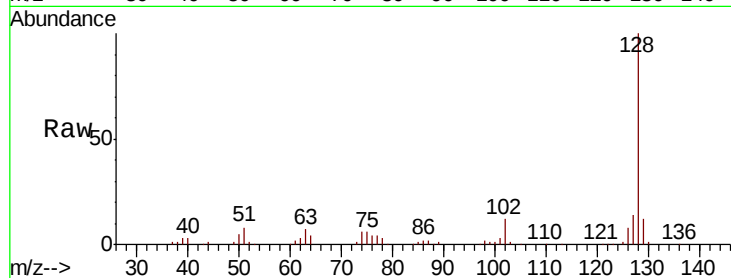




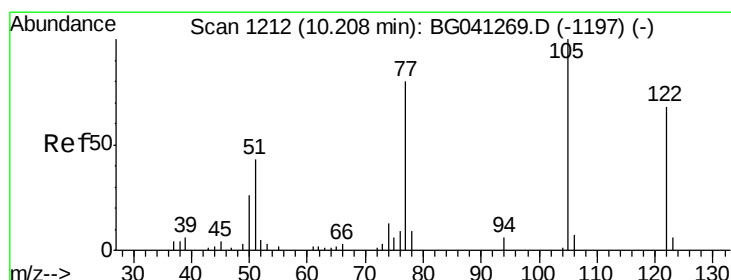
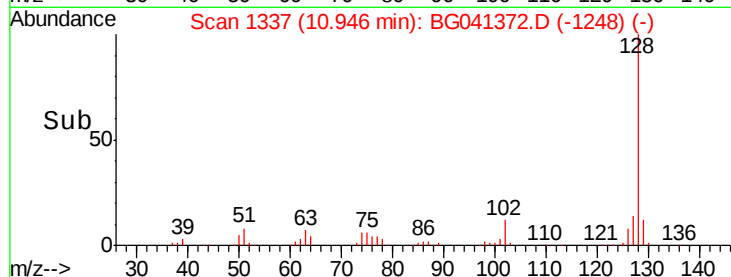
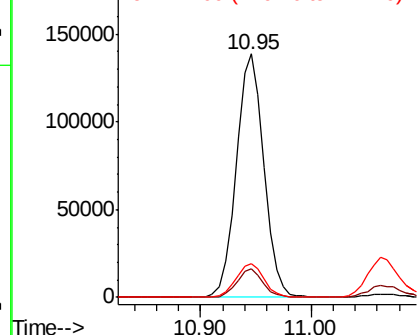
#31
Naphthalene
Concen: 46.011 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :

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

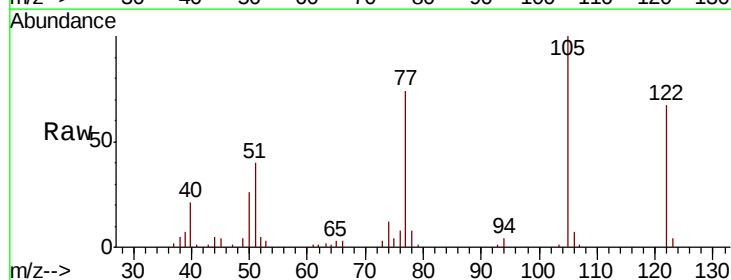


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

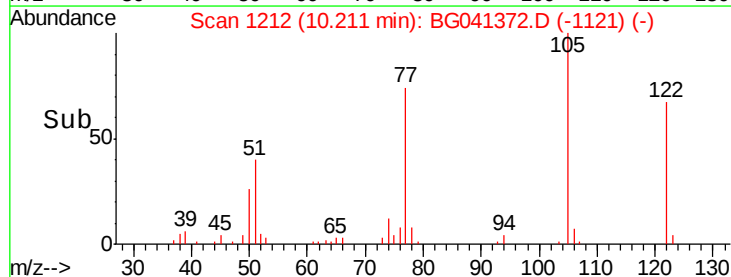
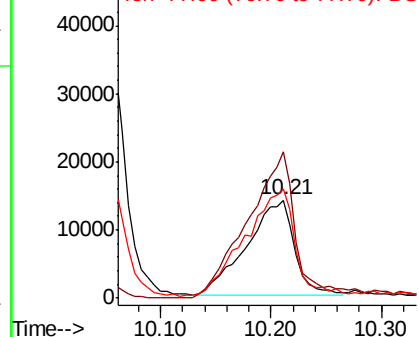


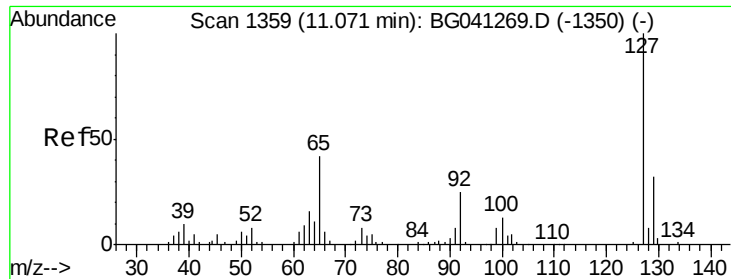
#32
Benzoic acid
Concen: 46.092 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

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

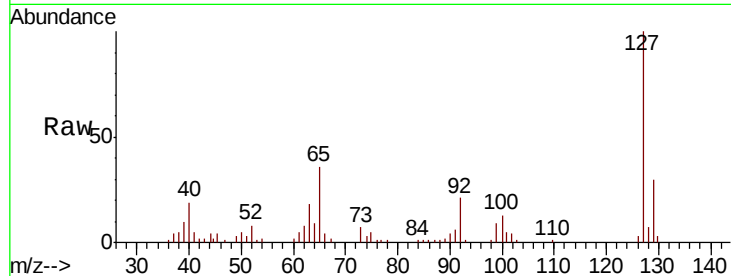




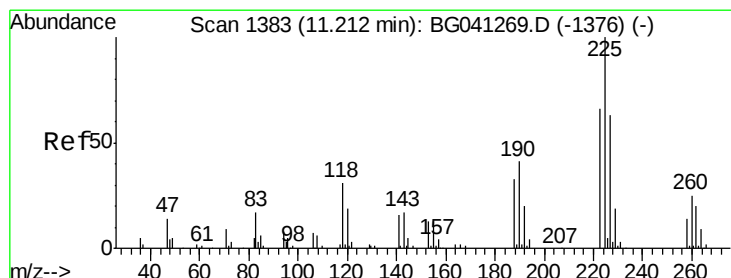
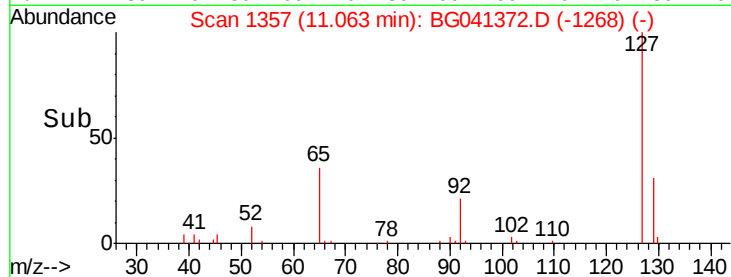
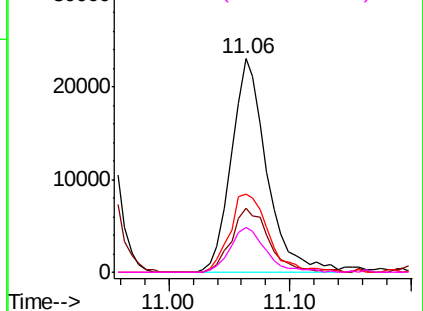
#33
4-Chloroaniline
Concen: 21.128 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :

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

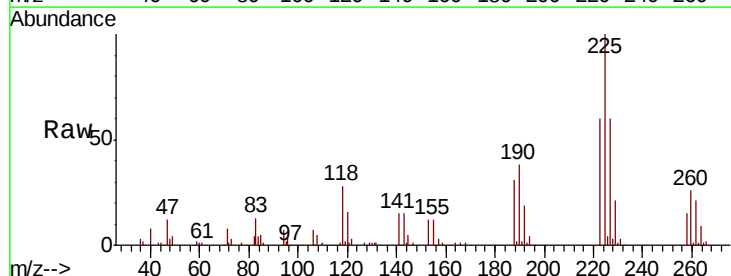


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

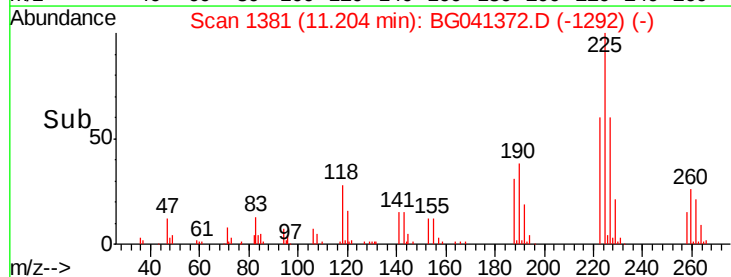
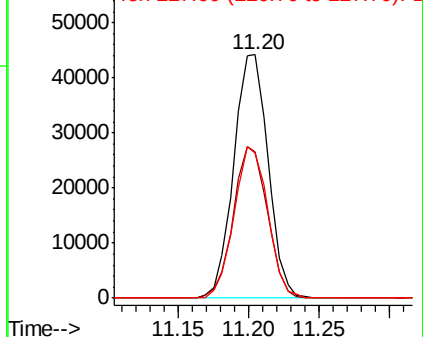


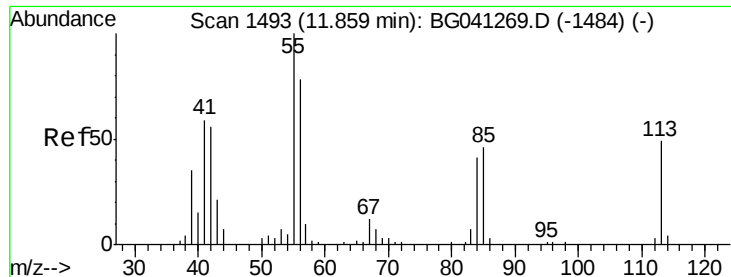
#34
Hexachlorobutadiene
Concen: 42.420 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

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



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: 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

ClientSampled :

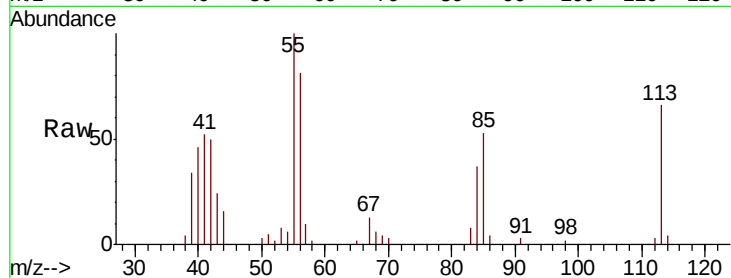
Tot Ion:113 Resp: 11697

Ion Ratio Lower Upper

113 100

55 152.4 182.6 222.6#

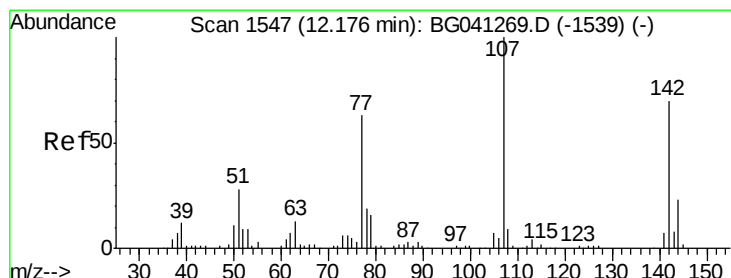
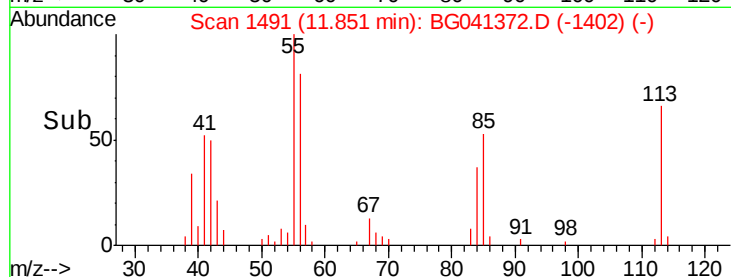
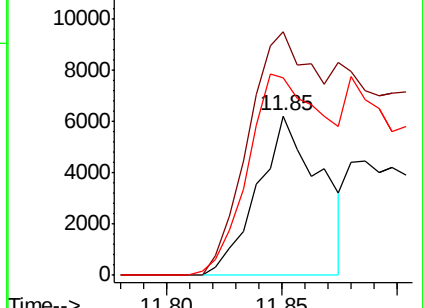
56 123.4 137.5 177.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#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

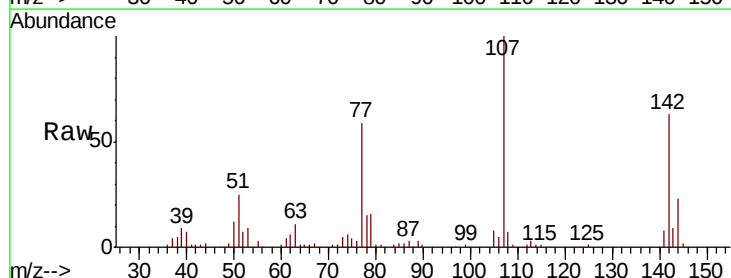
Tgt Ion:107 Resp: 94352

Ion Ratio Lower Upper

107 100

144 22.8 18.5 27.7

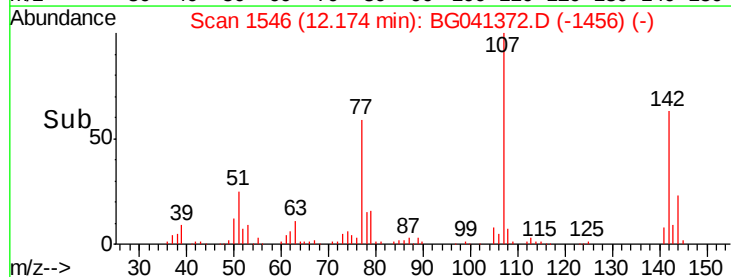
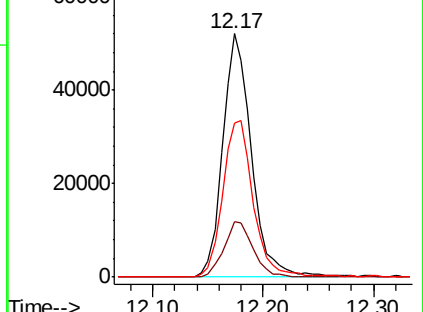
142 63.4 56.3 84.5

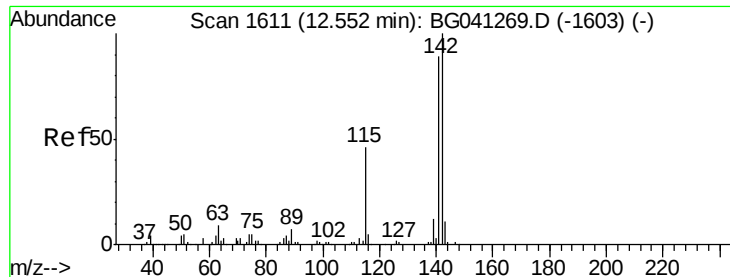


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

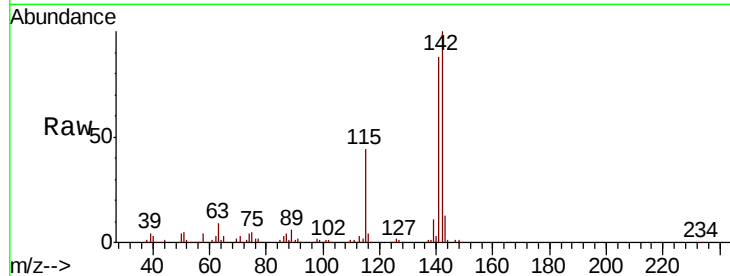




#37
2-Methylnaphthalene
Concen: 46.323 ng
RT: 12.54 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampled :

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

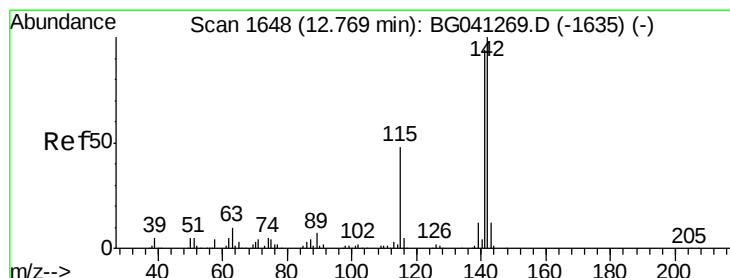
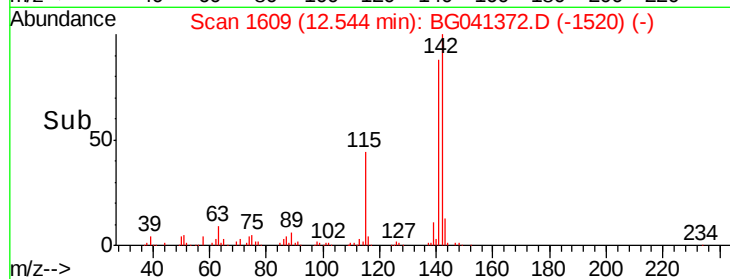
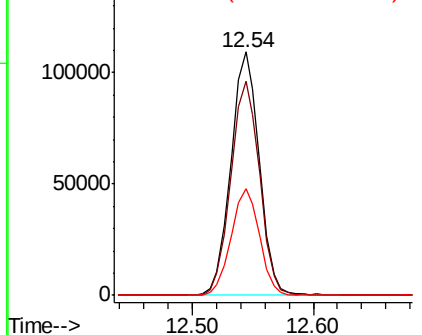


Abundance

Ion 142.00 (141.70 to 142.70): E

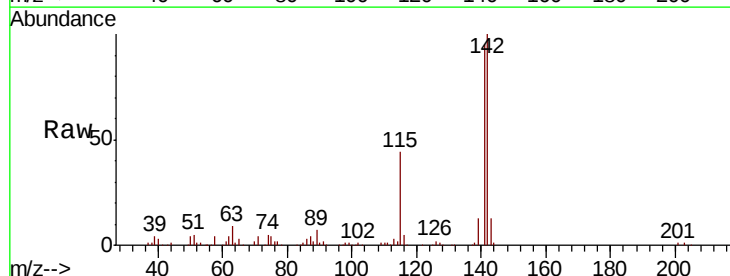
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 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

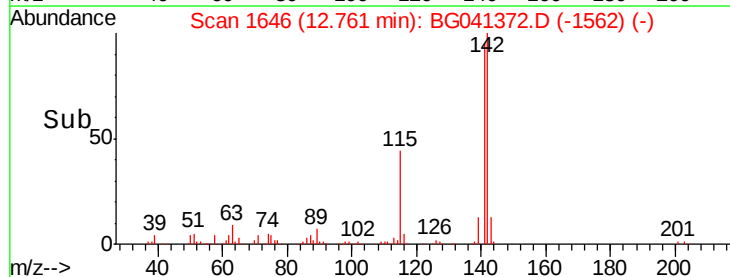
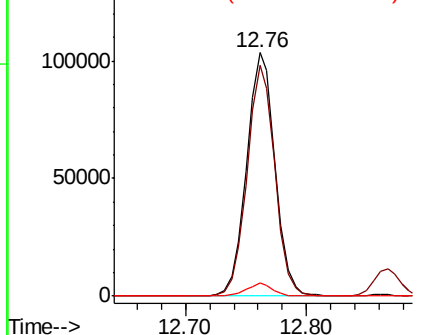


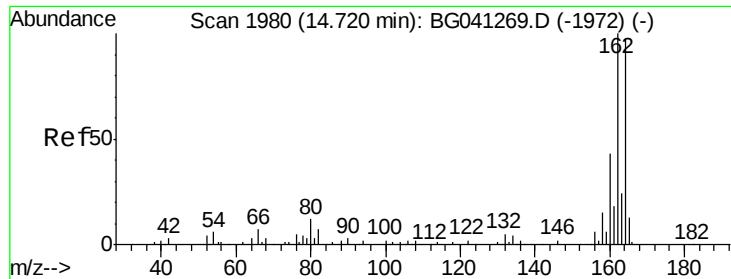
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

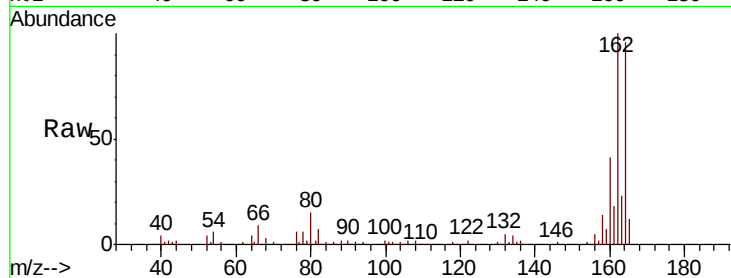




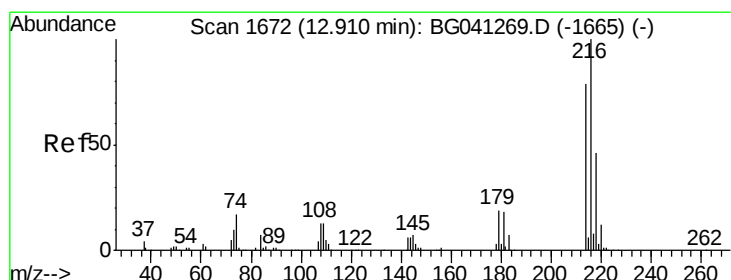
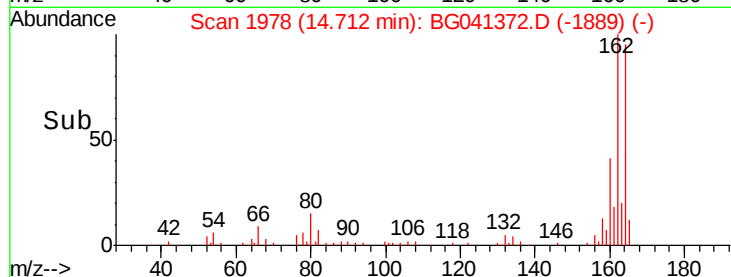
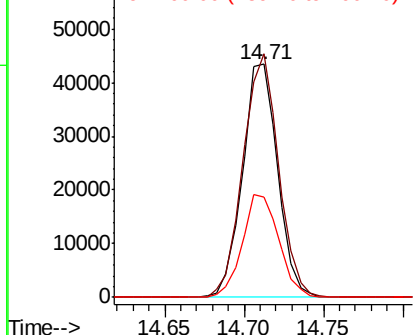
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :

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

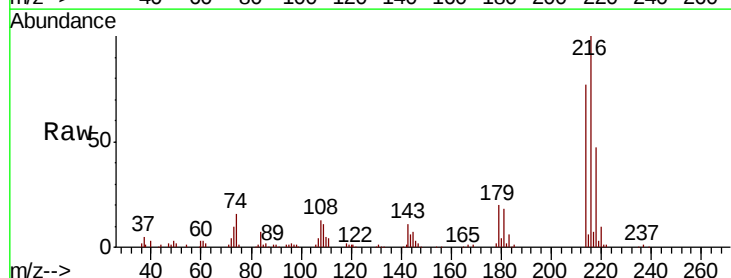


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

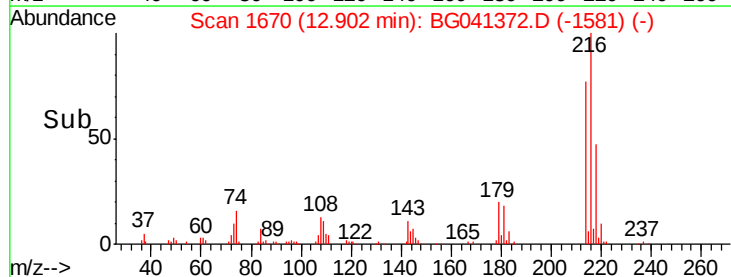
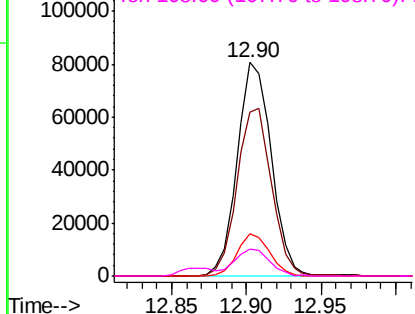


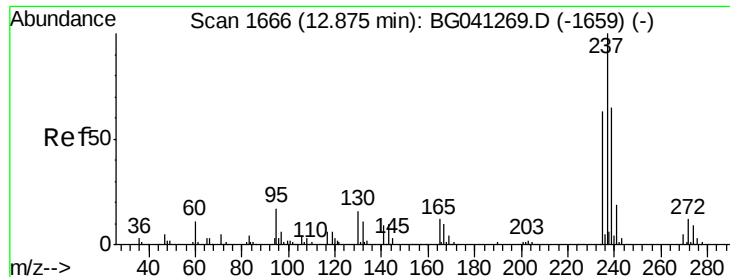
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.470 ng
RT: 12.90 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

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



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: 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 :

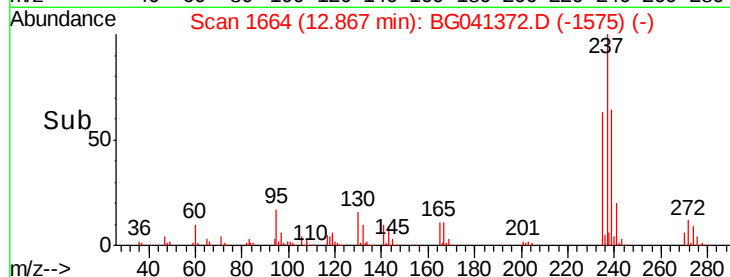
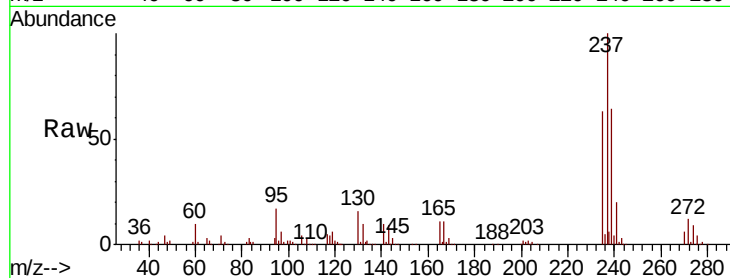
Tot Ion:237 Resp: 185404

Ion Ratio Lower Upper

237 100

235 62.9 42.9 82.9

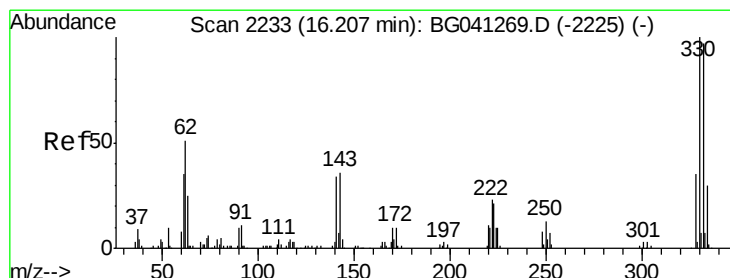
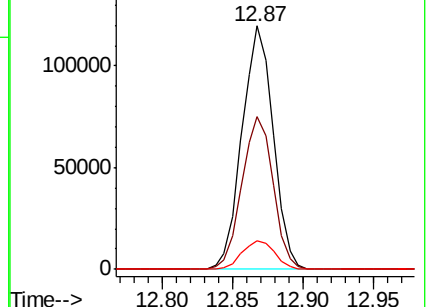
272 11.5 0.0 32.0



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

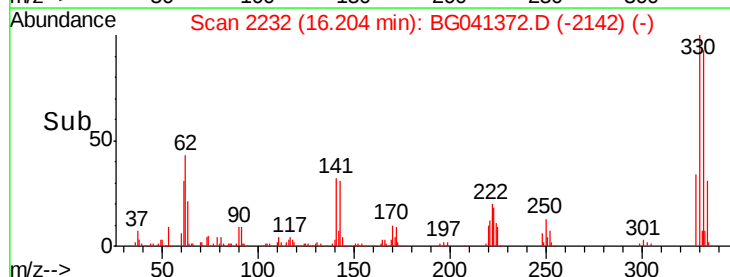
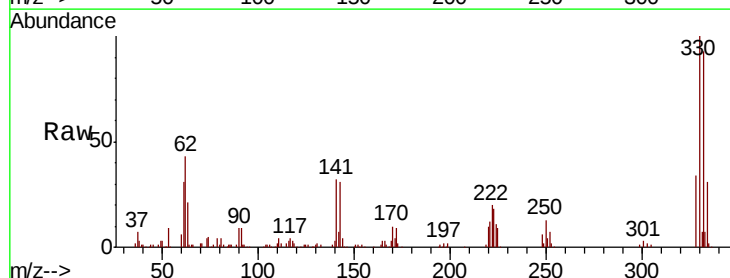
Tgt Ion:330 Resp: 134664

Ion Ratio Lower Upper

330 100

332 94.6 75.5 113.3

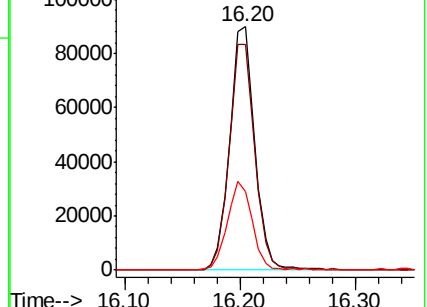
141 36.0 29.0 43.4

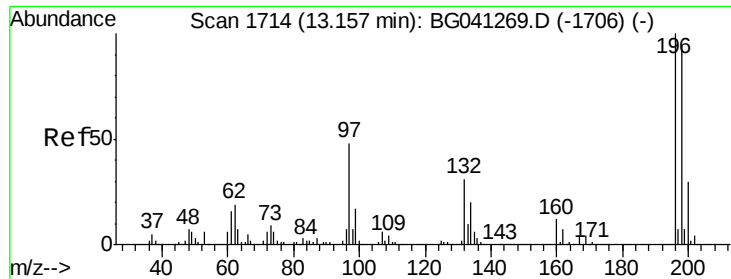


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

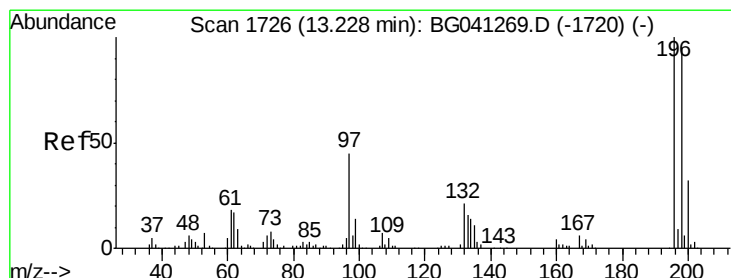
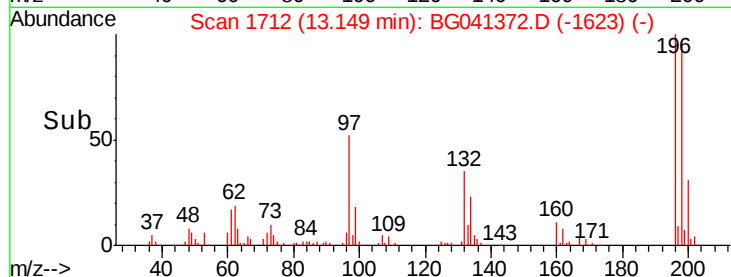
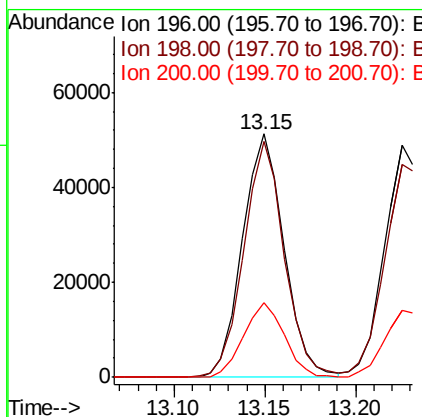
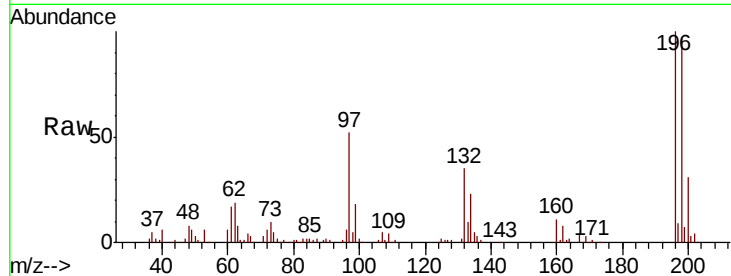




#43
 2,4,6-Trichlorophenol
 Concen: 47.837 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

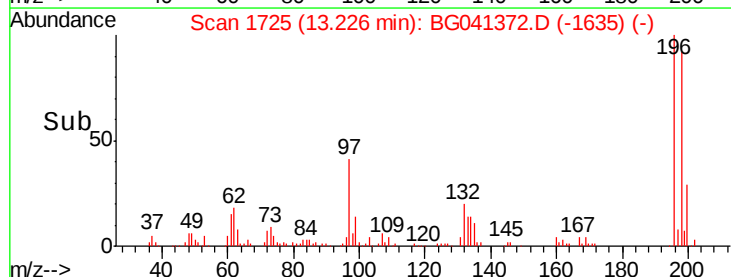
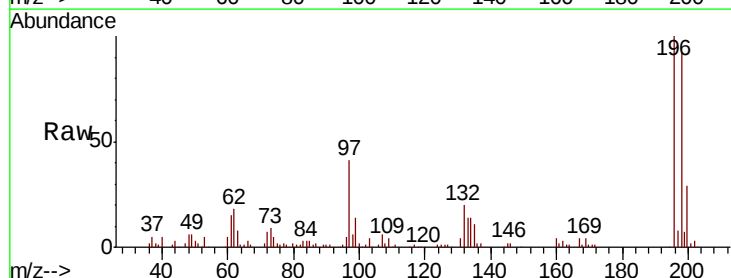
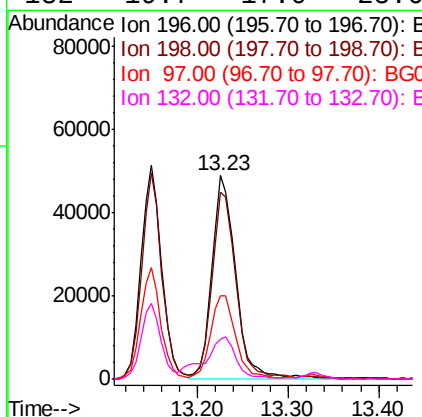
Instrument :
 BNA_G
 ClientSampleId :

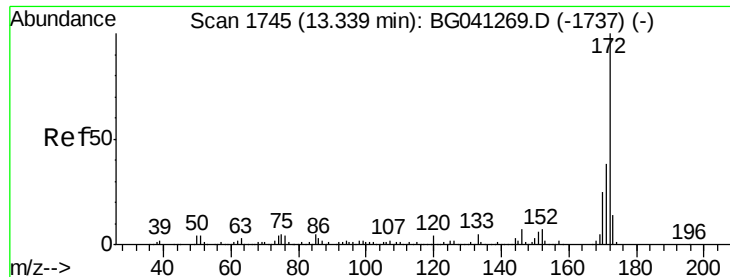
Tot Ion:196 Resp: 81540
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.9 112.3
 200 30.9 24.2 36.2



#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

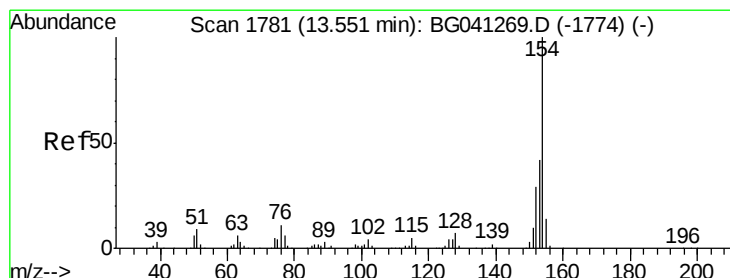
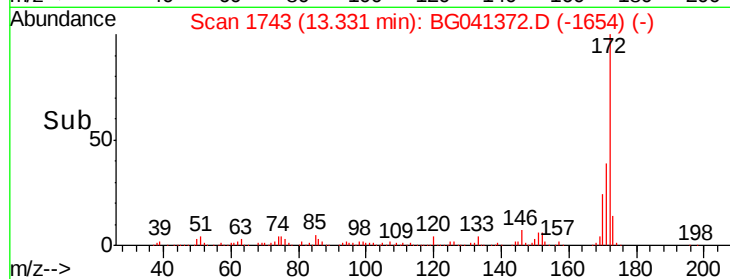
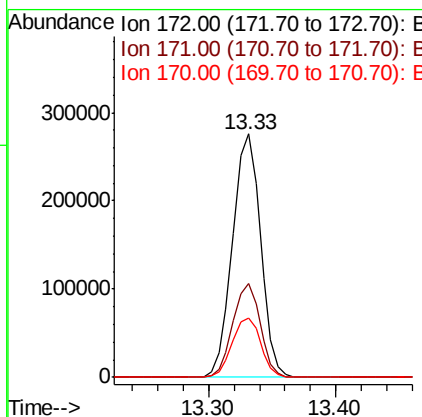
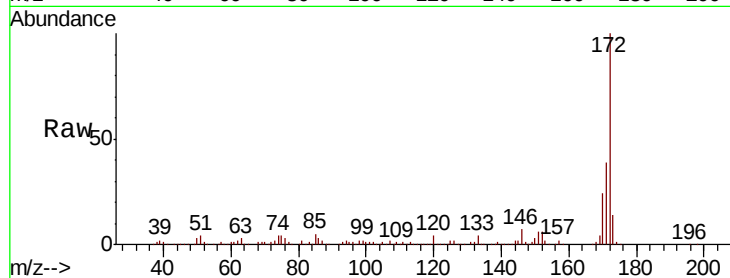




#45
 2-Fluorobiphenyl
 Concen: 85.852 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

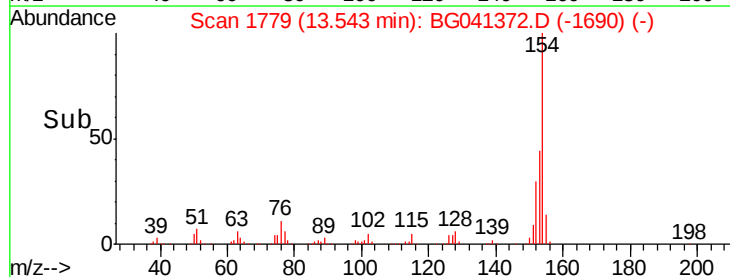
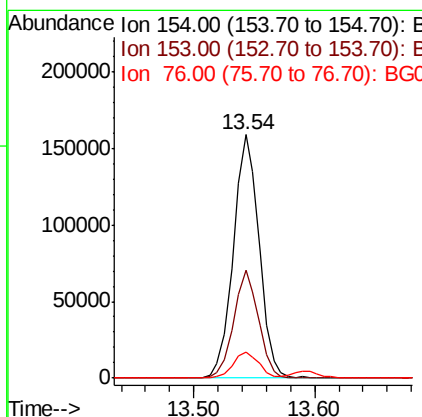
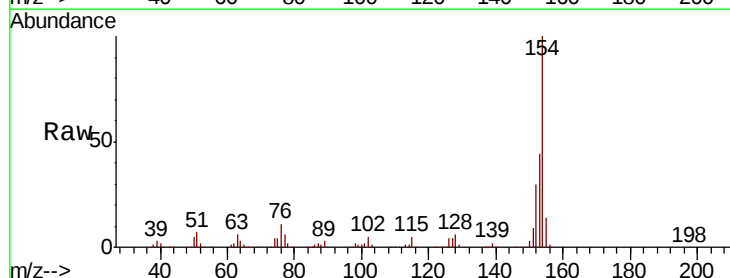
Instrument :
 BNA_G
 ClientSampleId :

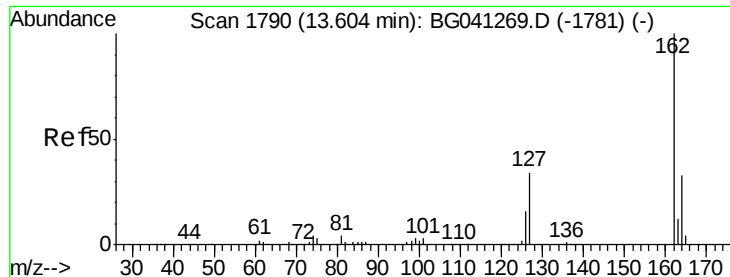
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	24.4	19.8	29.6



#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

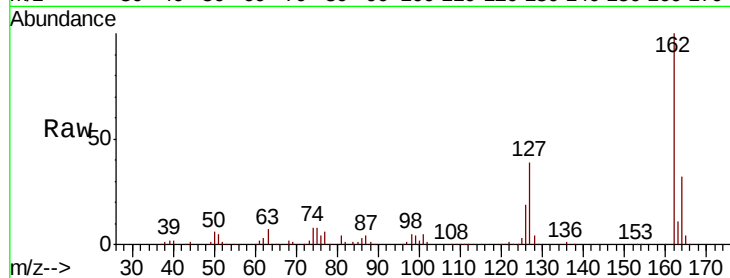




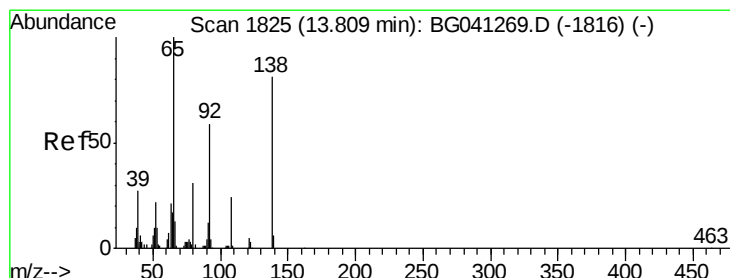
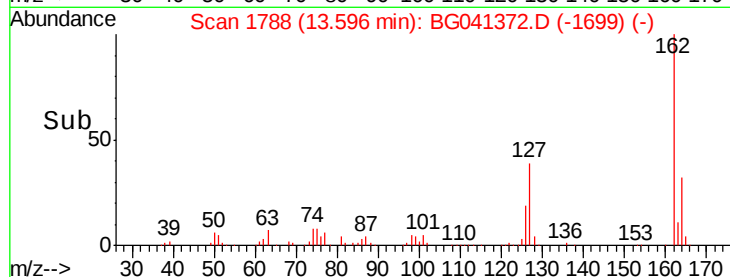
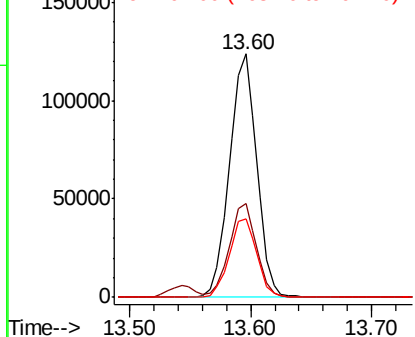
#47
 2-Chloronaphthalene
 Concen: 44.696 ng
 RT: 13.60 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Instrument :
 BNA_G
 ClientSampleId :

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

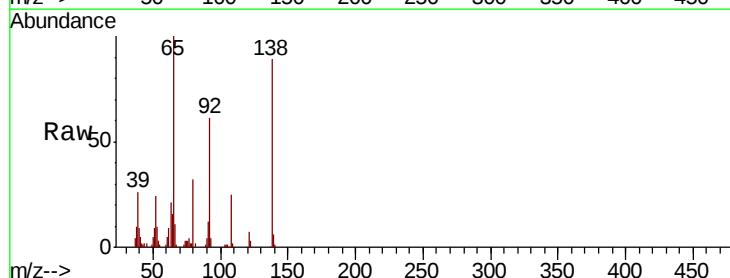


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

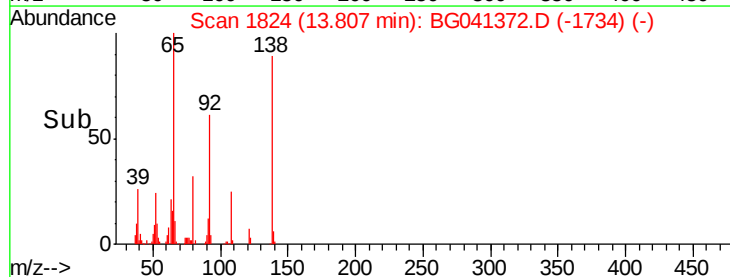
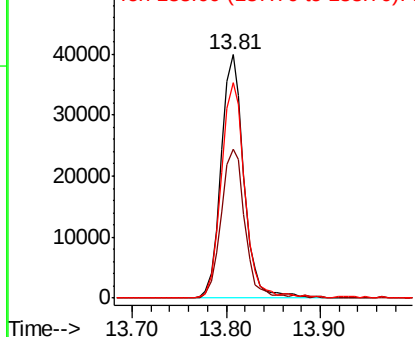


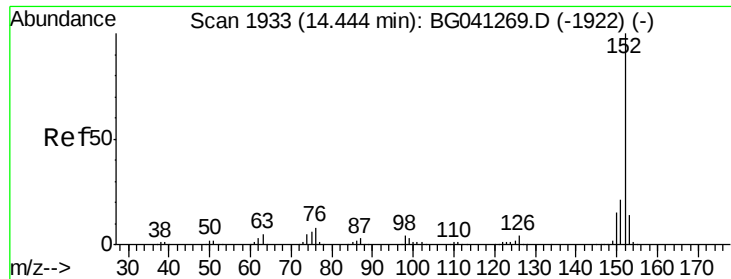
#48
 2-Nitroaniline
 Concen: 42.604 ng
 RT: 13.81 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

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

ClientSampled :

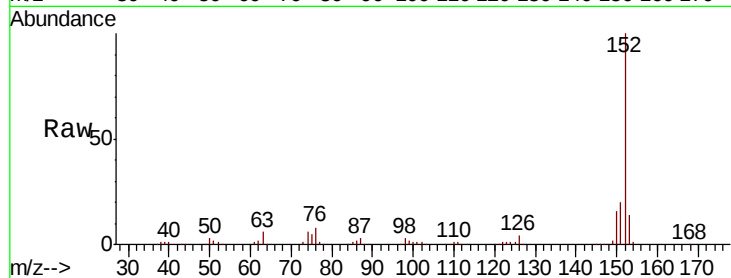
Tot Ion:152 Resp: 304632

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

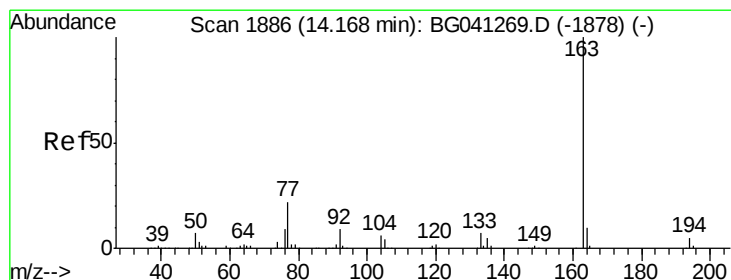
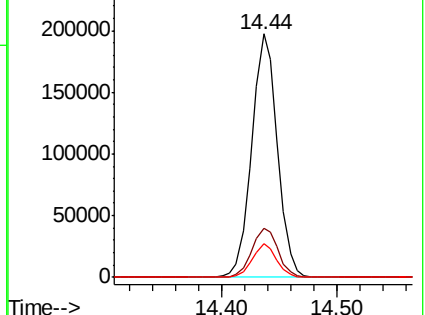
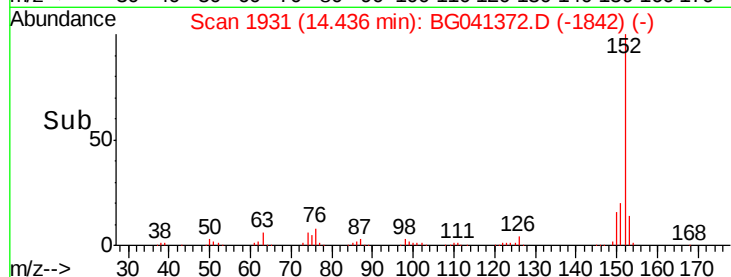
153 13.9 10.8 16.2



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

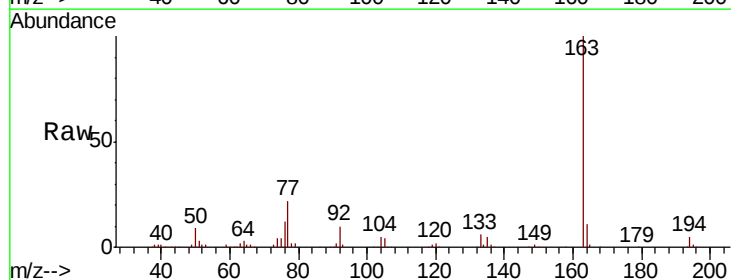
Tgt Ion:163 Resp: 259210

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

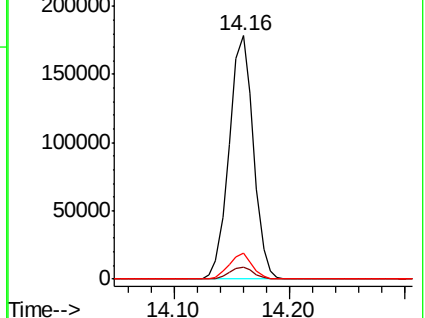
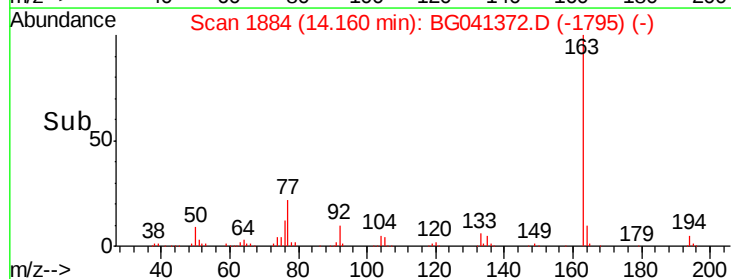
164 10.5 8.3 12.5

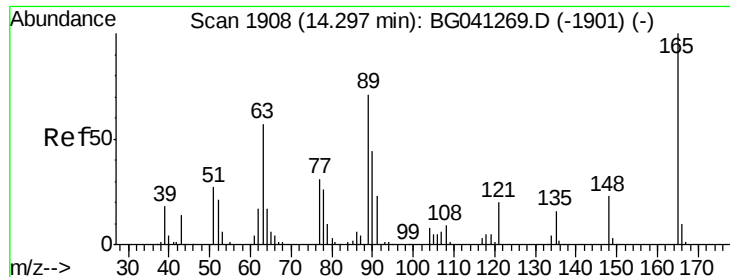


Abundance Ion 163.00 (162.70 to 163.70): E

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 :

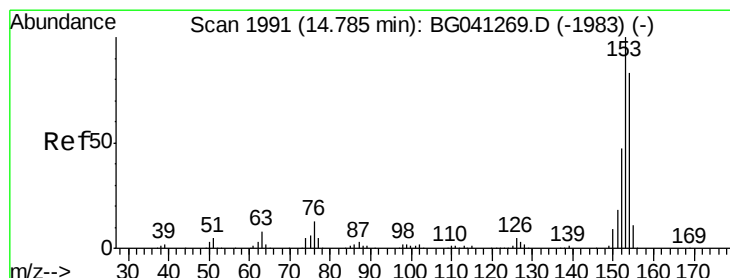
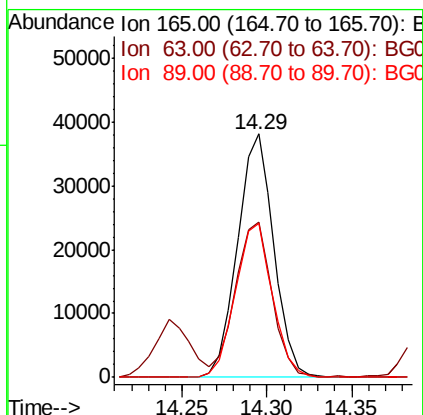
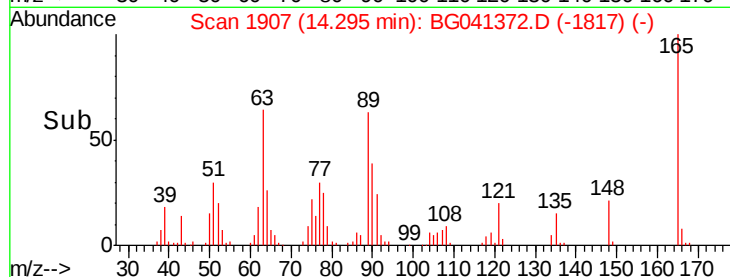
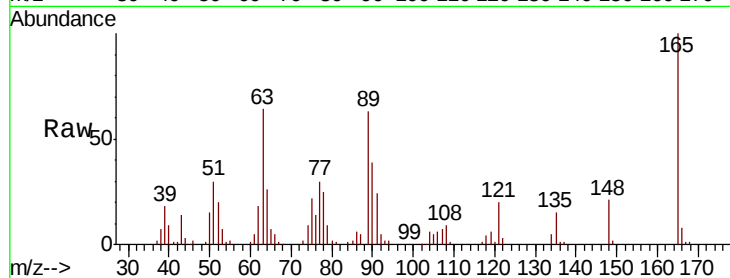
Tot Ion:165 Resp: 56723

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

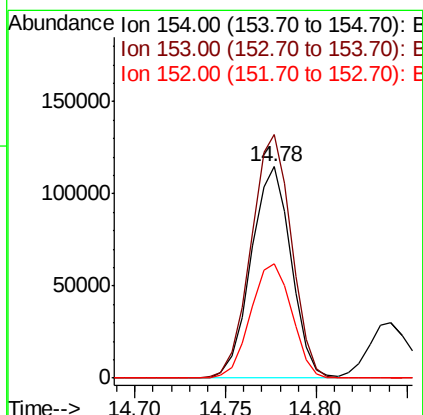
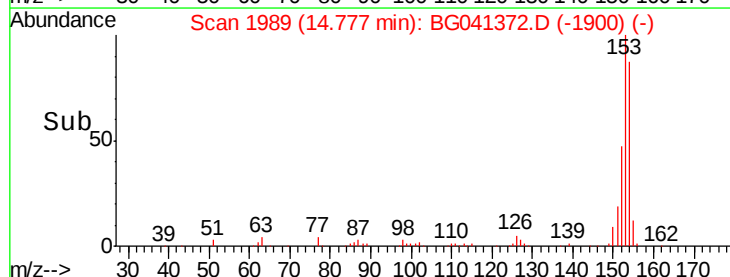
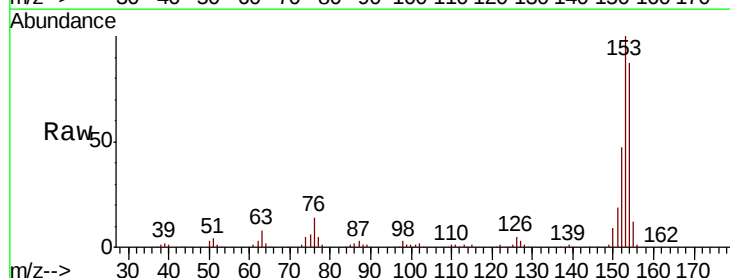
Tgt Ion:154 Resp: 175736

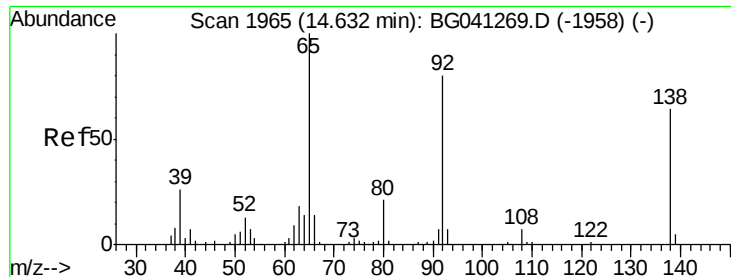
Ion Ratio Lower Upper

154 100

153 115.1 96.6 145.0

152 54.3 45.5 68.3

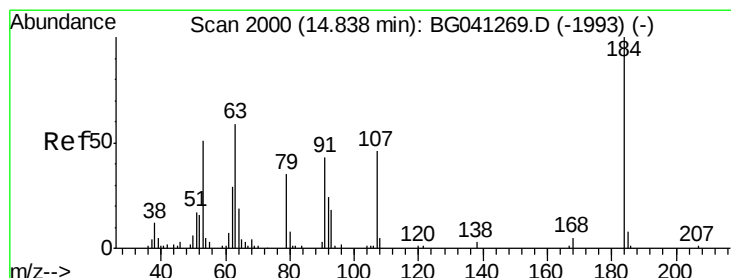
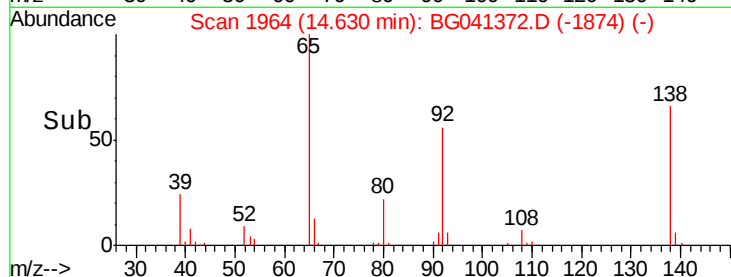
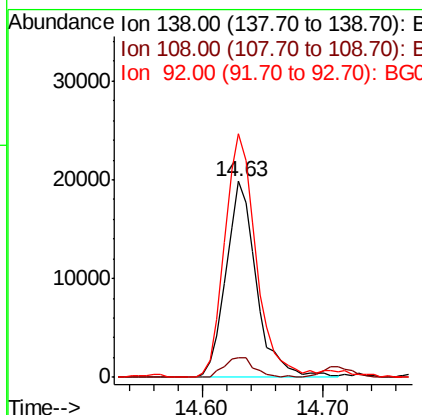
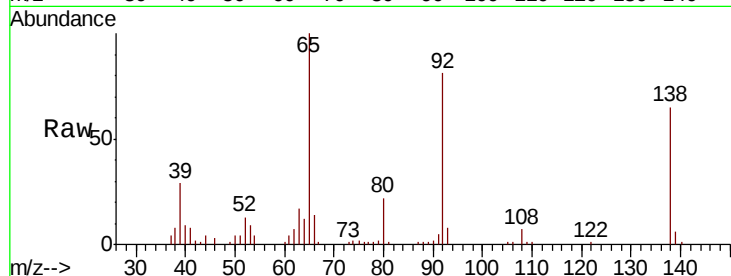




#53
3-Nitroaniline
Concen: 28.076 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

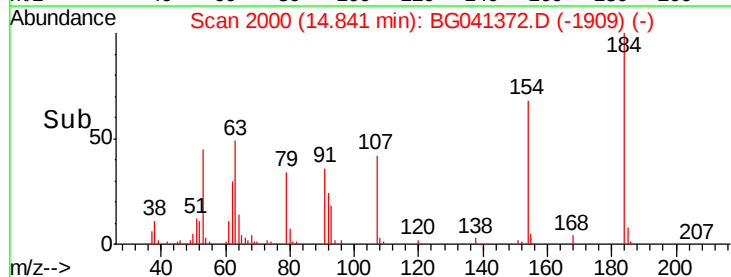
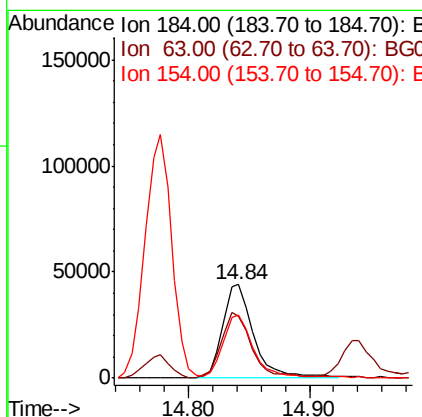
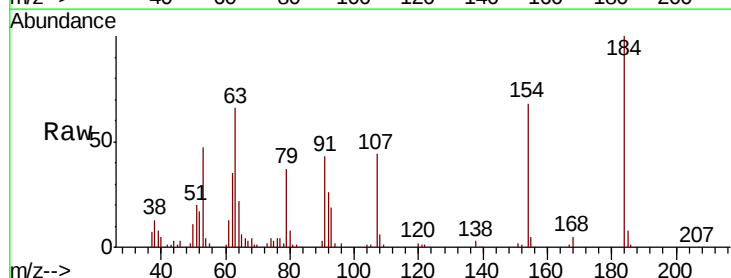
Instrument :
BNA_G
ClientSampleId :

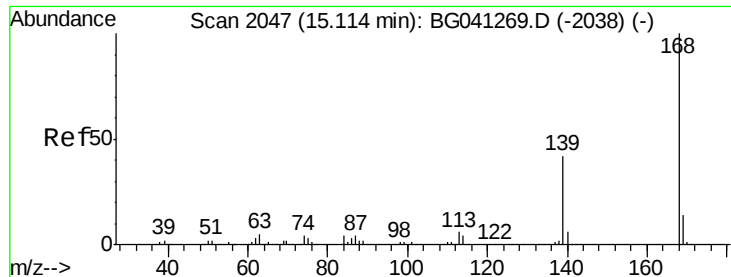
Tot Ion:138 Resp: 34629
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 124.3 100.2 150.4



#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

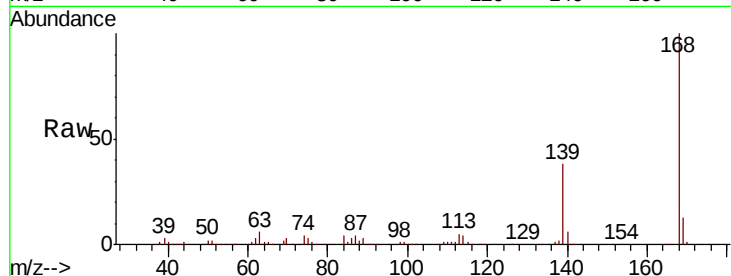




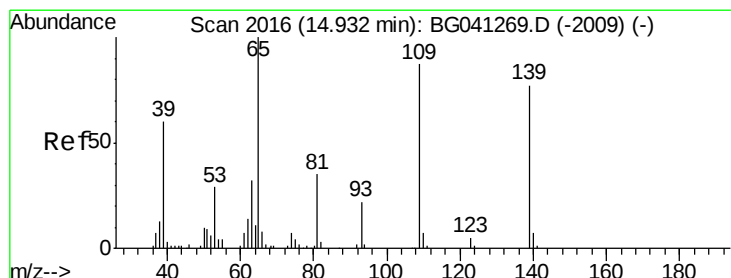
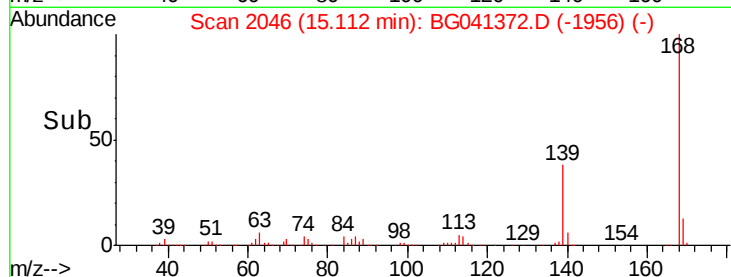
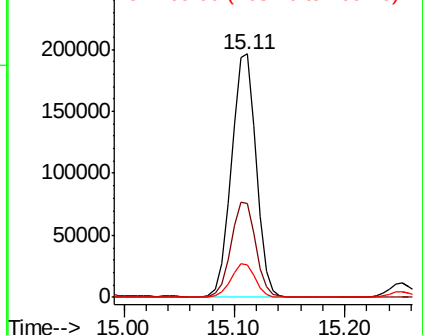
#55
Dibenzofuran
Concen: 45.902 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :

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

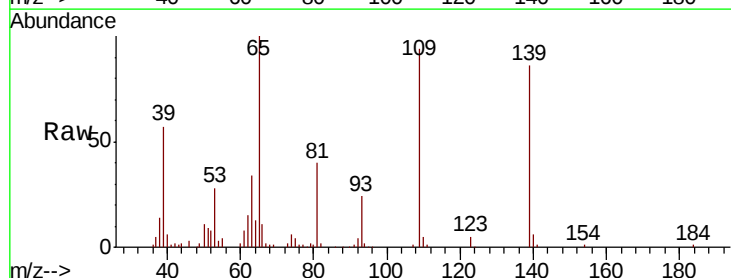


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

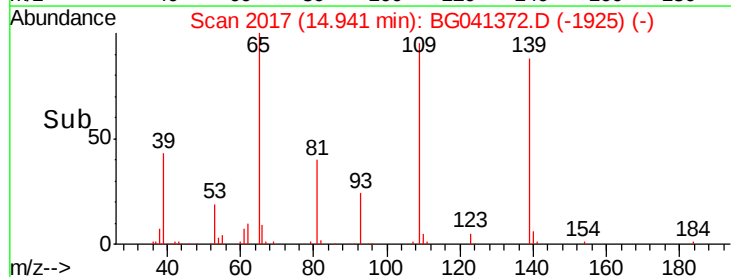
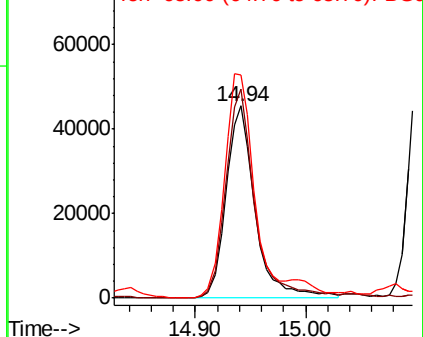


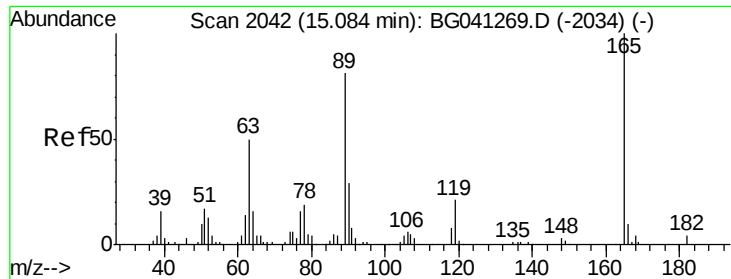
#56
4-Nitrophenol
Concen: 89.428 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

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



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

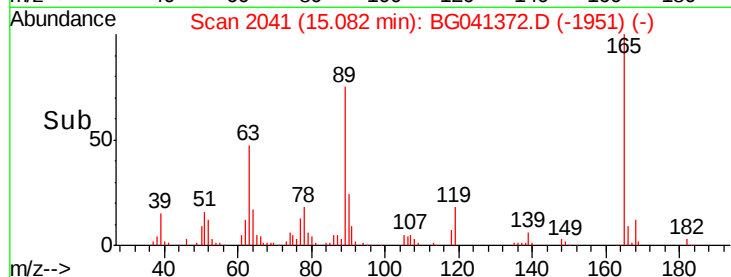
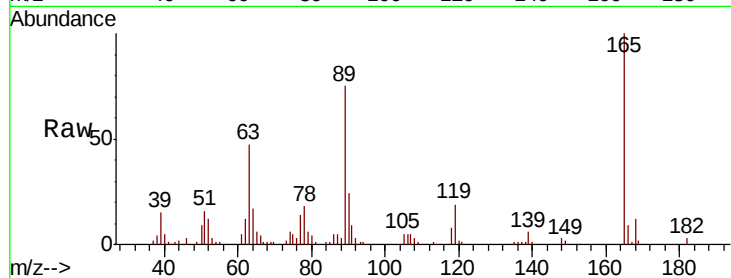




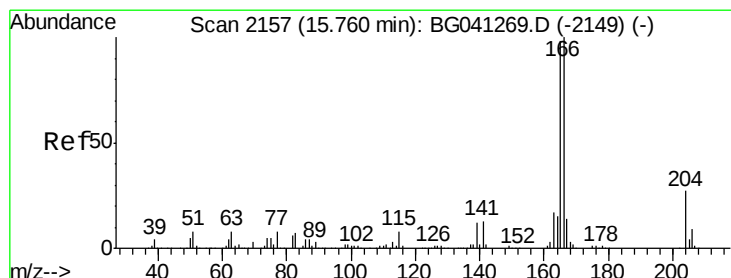
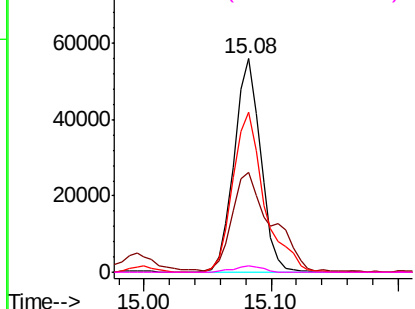
#57
2,4-Dinitrotoluene
Concen: 44.221 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tot 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

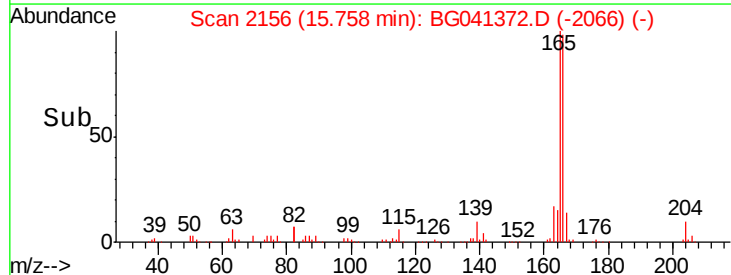
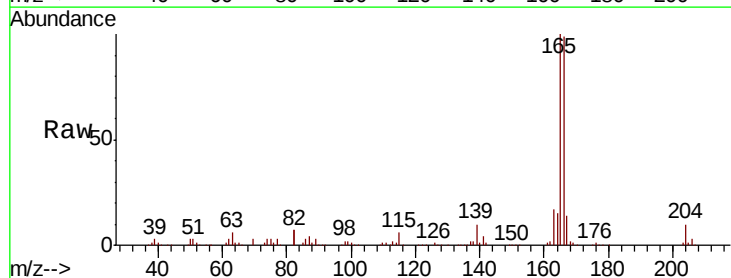


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

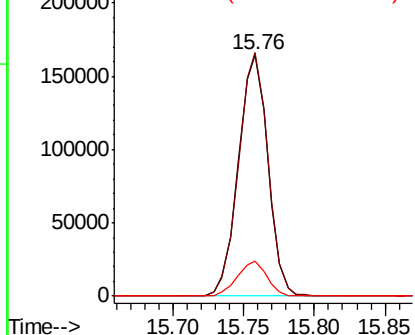


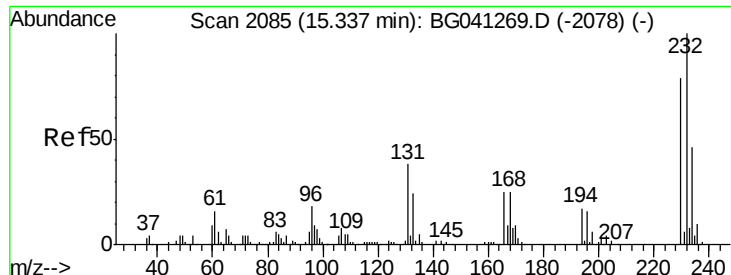
#58
Fluorene
Concen: 45.483 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

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



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

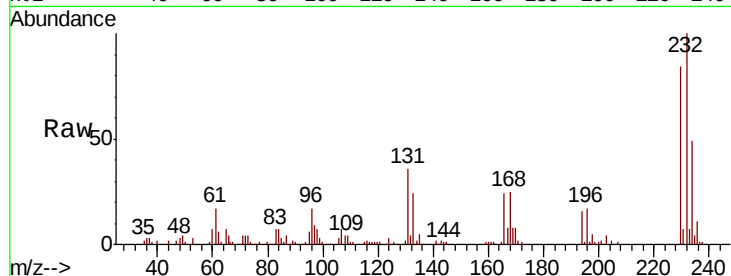




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.537 ng
RT: 15.33 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :

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



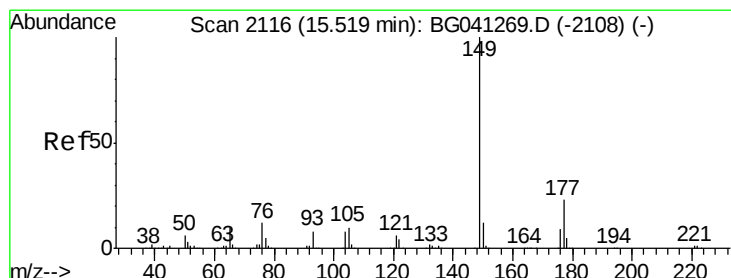
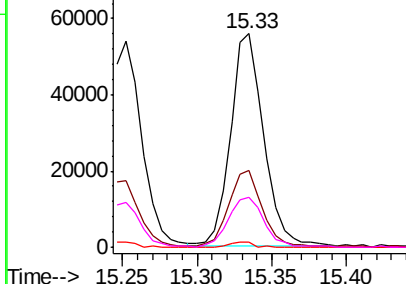
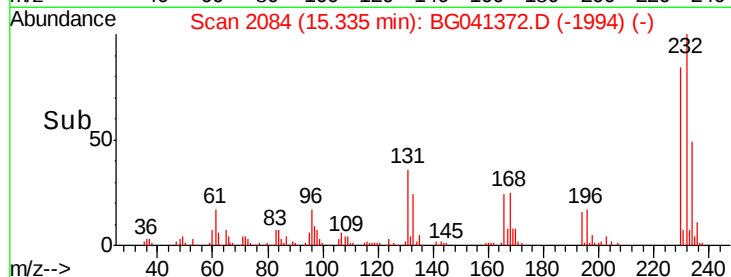
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

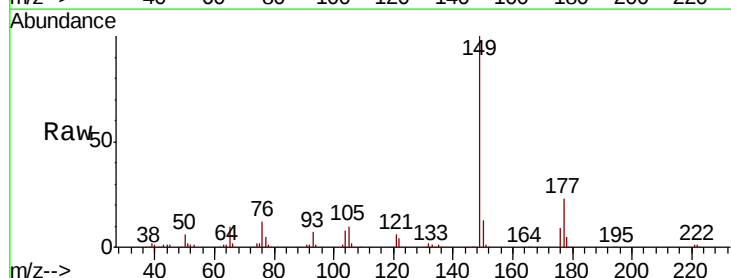
Ion 130.00 (129.70 to 130.70): E

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

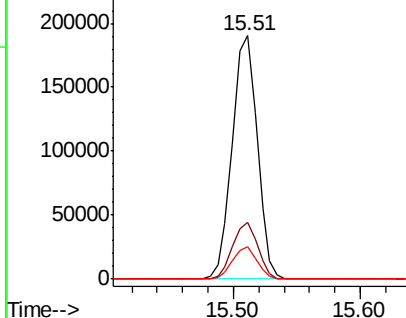
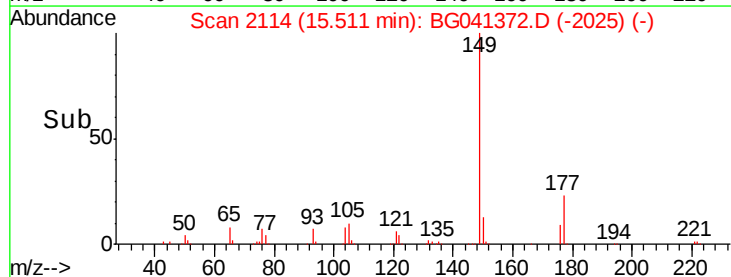


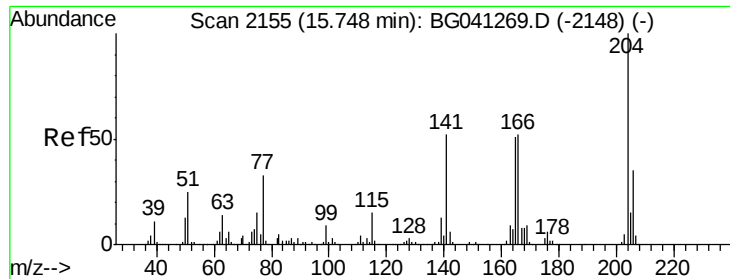
Abundance

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

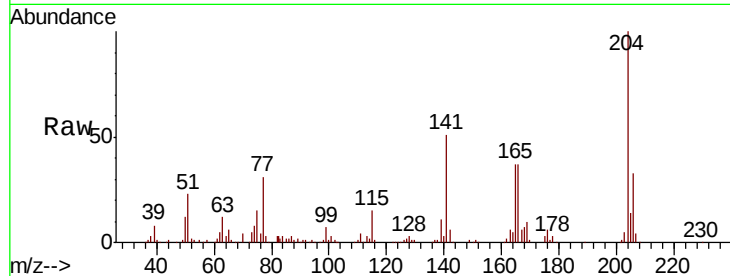




#61
4-Chlorophenyl-phenylether
Concen: 43.938 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampled :

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

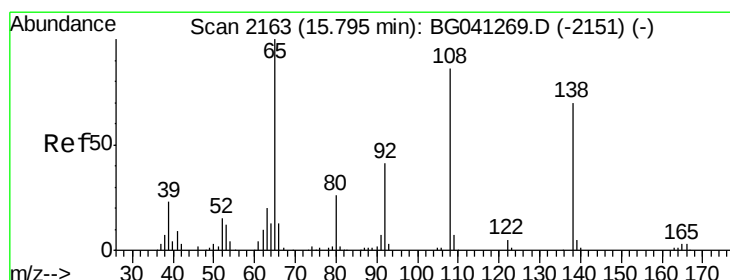
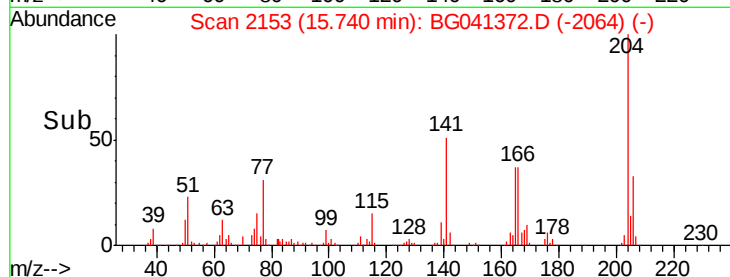
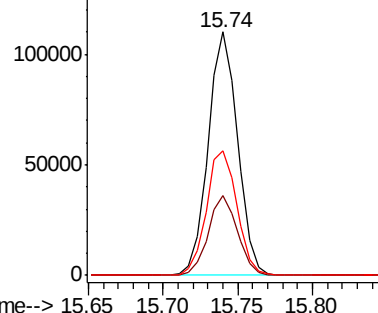


Abundance

Ion 204.00 (203.70 to 204.70): E

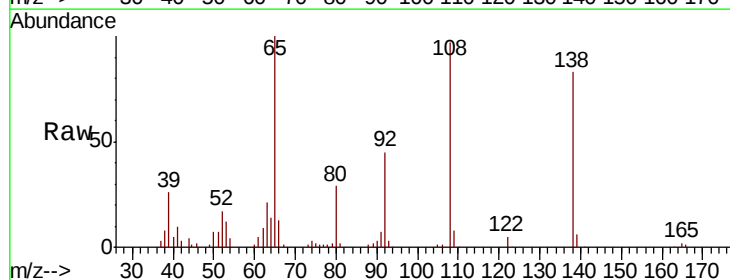
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 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

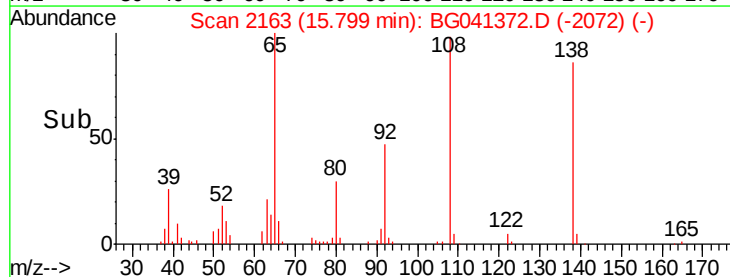
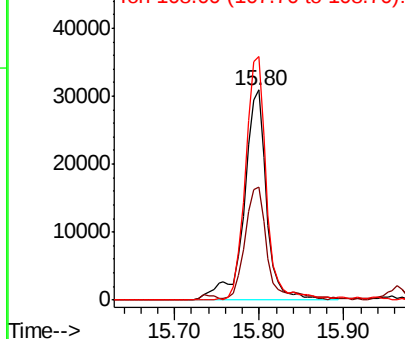


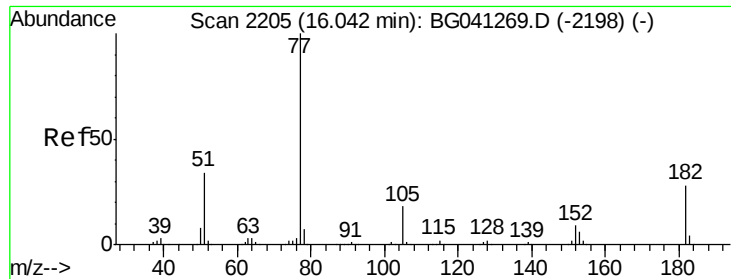
Abundance

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: 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

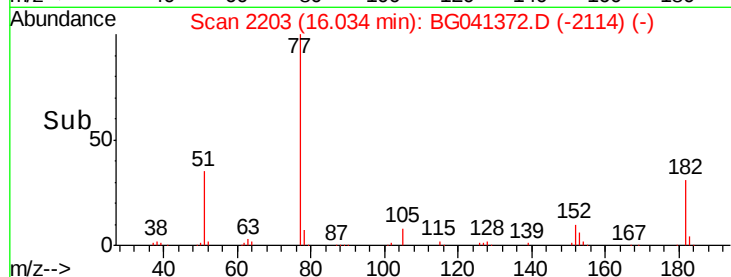
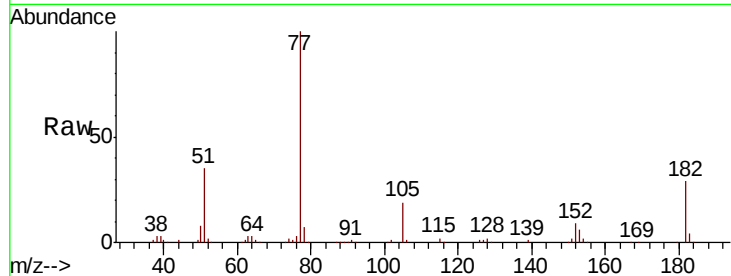
Instrument :

BNA_G

ClientSampled :

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

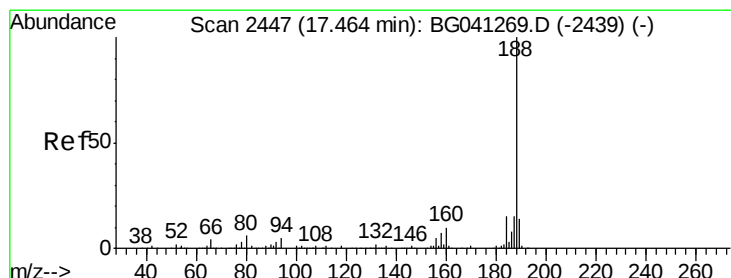


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.46 min Scan# 2445

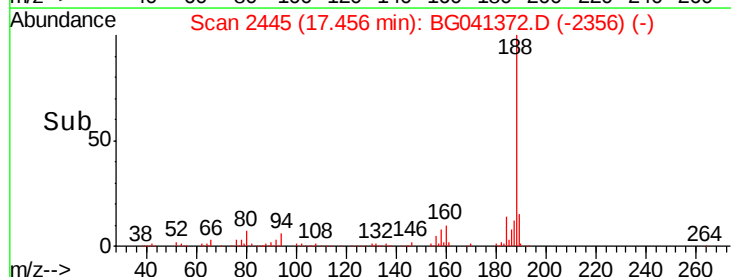
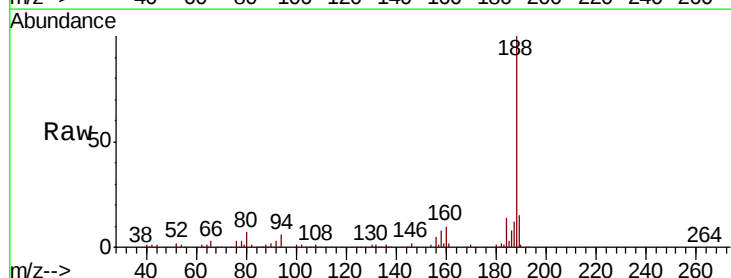
Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion: 188 Resp: 173477

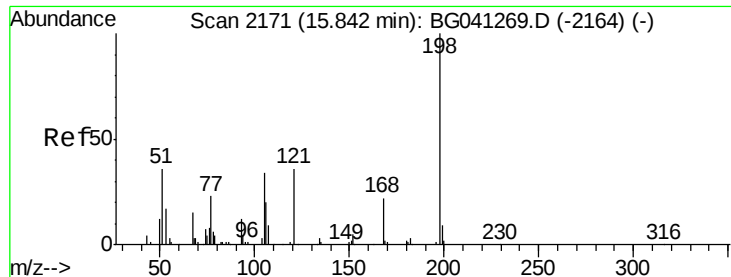
Ion	Ratio	Lower	Upper
188	100		
94	5.8	3.6	5.4#
80	7.2	4.8	7.2



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: 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 :

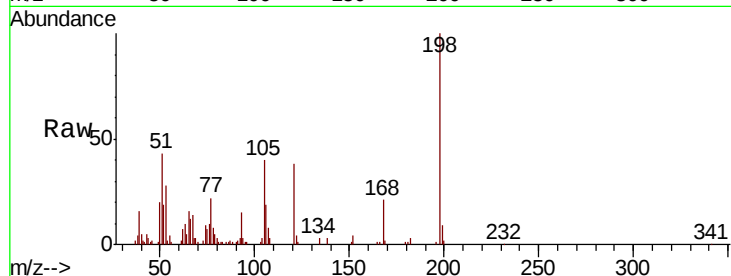
Tot Ion:198 Resp: 51737

Ion	Ratio	Lower	Upper
198	100		
51	43.1	23.4	63.4
105	39.9	15.8	55.8

198 100

51 43.1 23.4 63.4

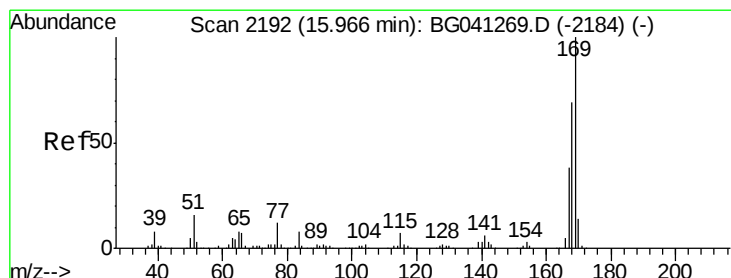
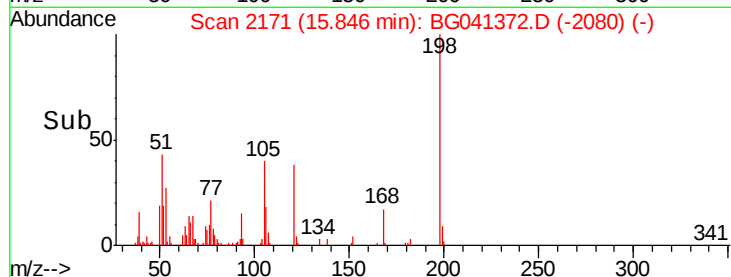
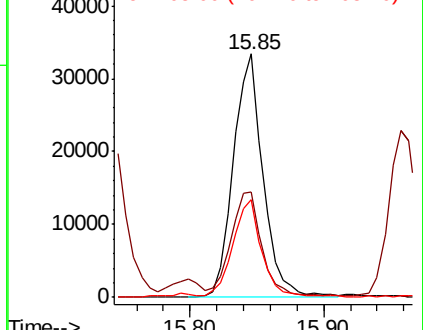
105 39.9 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041372.D (-2080) (-)

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

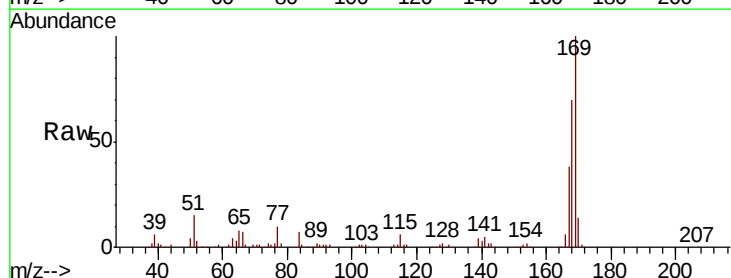
Tgt Ion:169 Resp: 218402

Ion	Ratio	Lower	Upper
169	100		
168	69.8	55.2	82.8
167	37.8	30.4	45.6

169 100

168 69.8 55.2 82.8

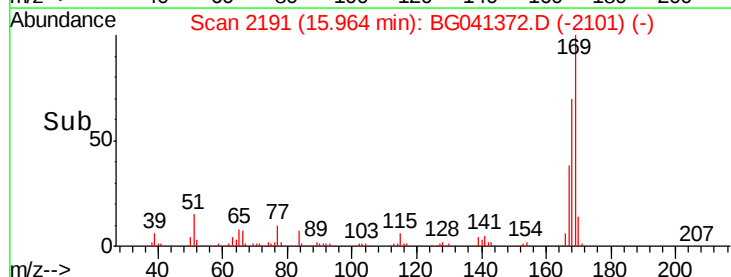
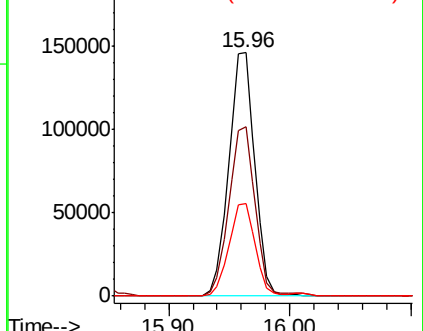
167 37.8 30.4 45.6

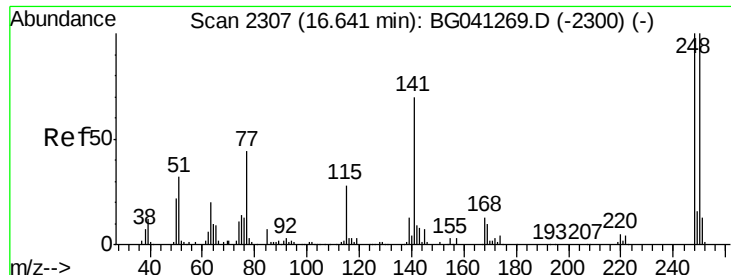


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

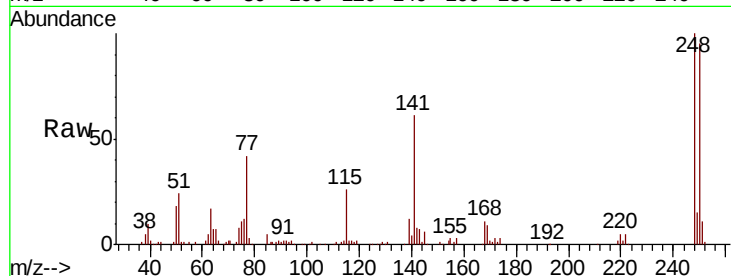




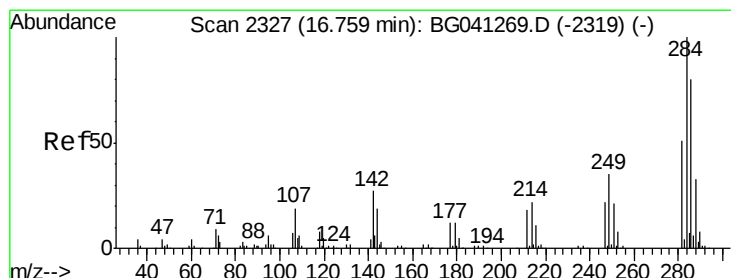
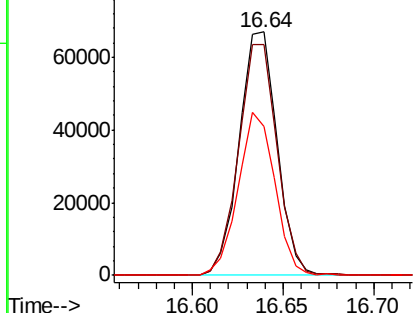
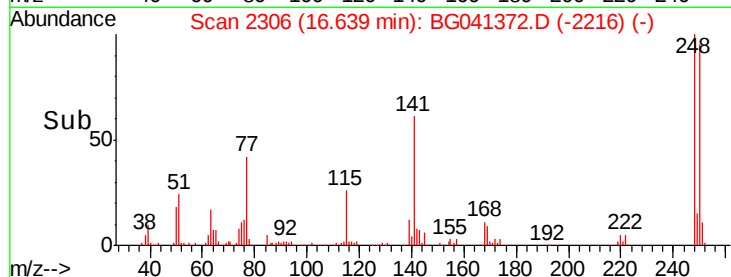
#67
 4-Bromophenyl-phenylether
 Concen: 43.340 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Instrument :
 BNA_G
 ClientSampled :

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

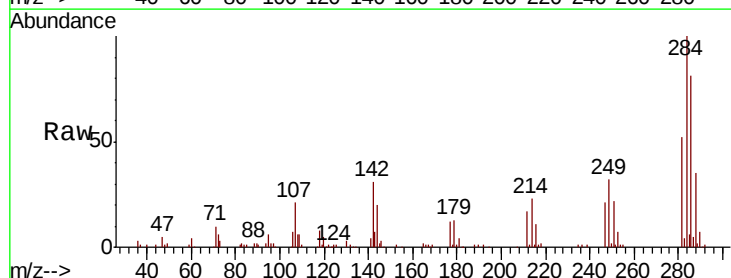


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

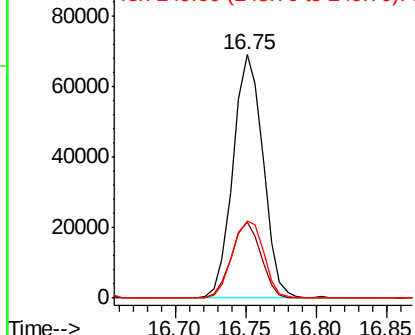
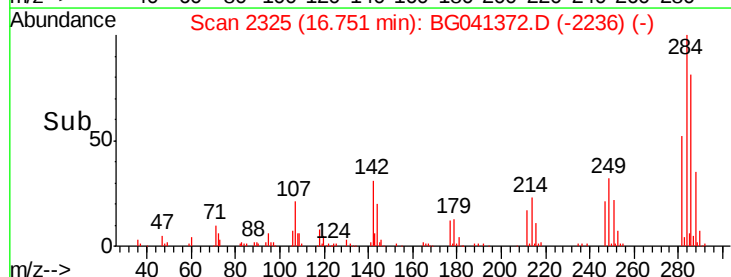


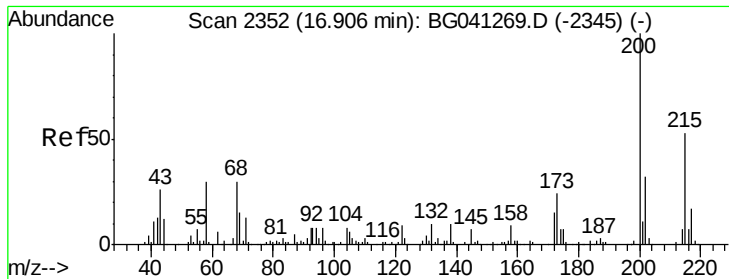
#68
 Hexachlorobenzene
 Concen: 42.686 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

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

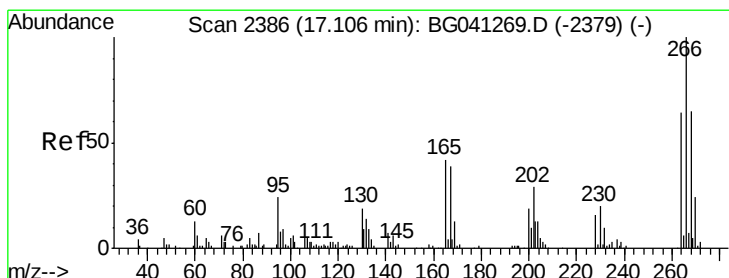
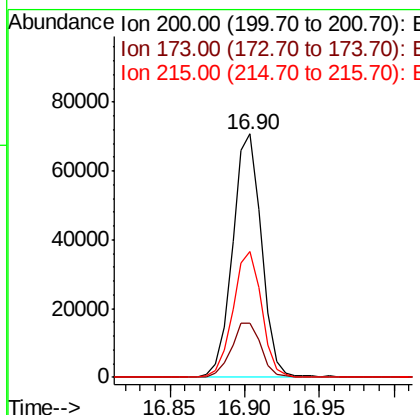
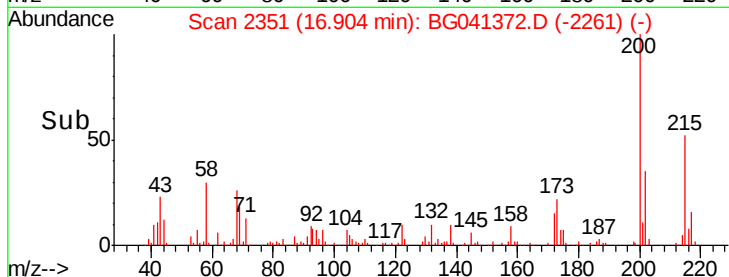
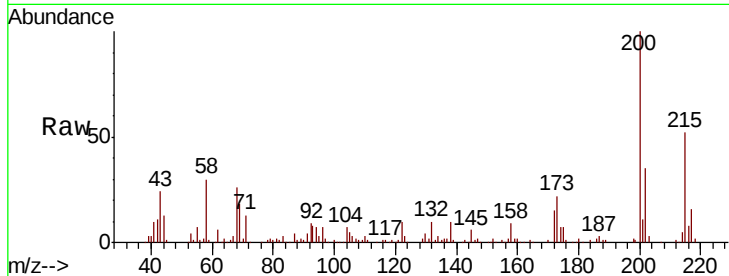




#69
 Atrazine
 Concen: Below Cal
 RT: 16.90 min Scan# 2351
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

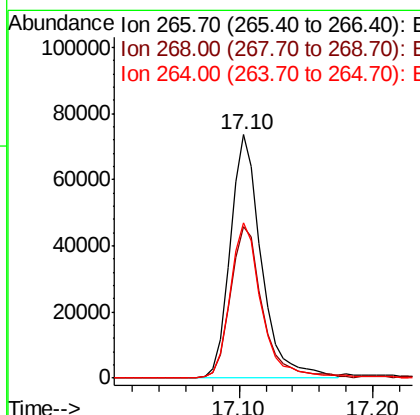
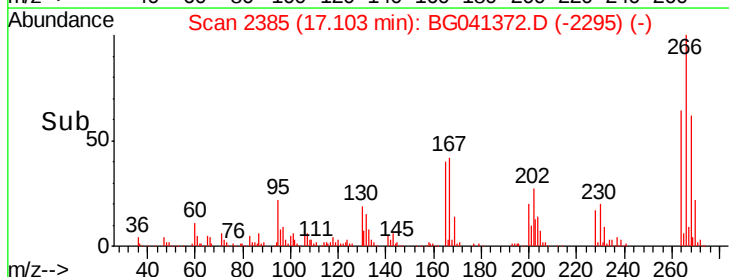
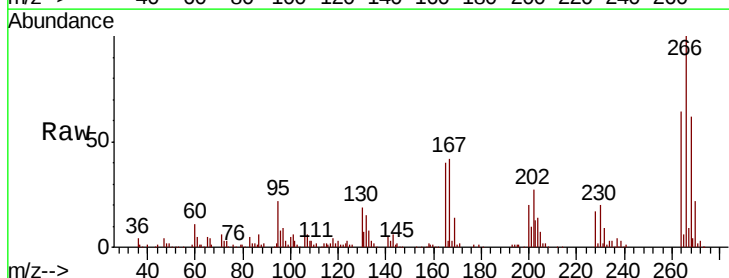
Instrument :
 BNA_G
 ClientSampleId :

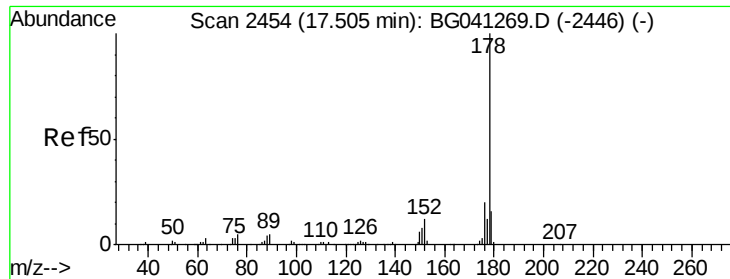
Tot Ion:200 Resp: 95509
 Ion Ratio Lower Upper
 200 100
 173 22.2 4.0 44.0
 215 51.8 33.4 73.4



#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

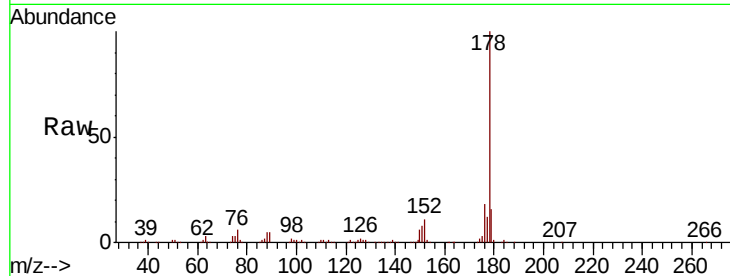




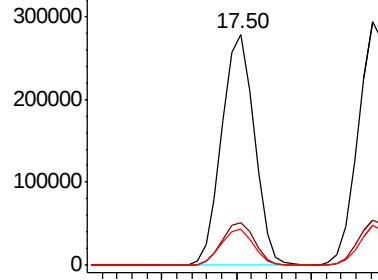
#71
Phenanthrene
Concen: 45.583 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :

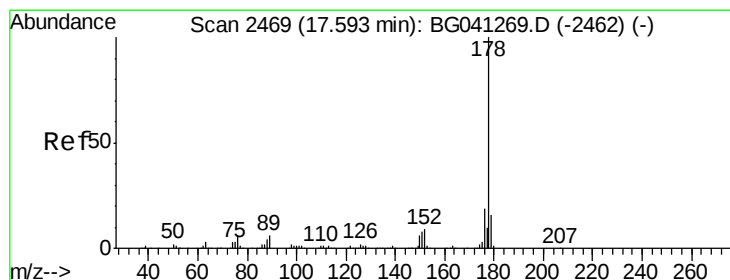
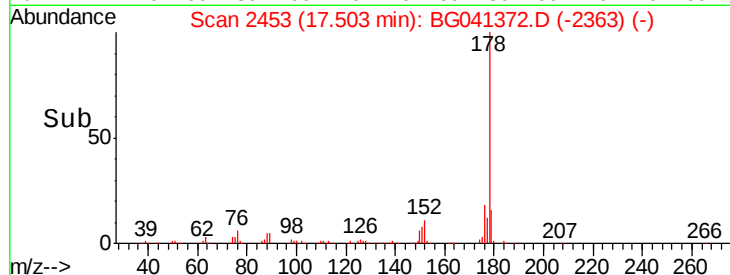
Tot Ion:178 Resp: 421739
Ion Ratio Lower Upper
178 100
176 18.5 16.1 24.1
179 15.6 12.9 19.3



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

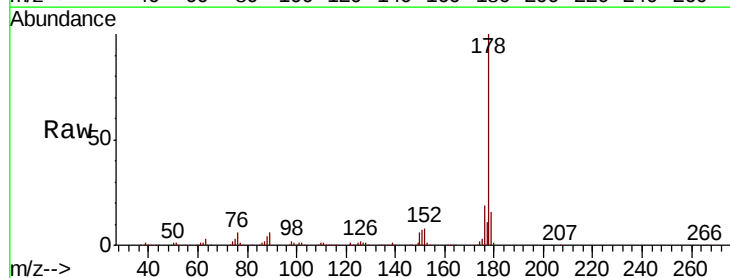


Time-->

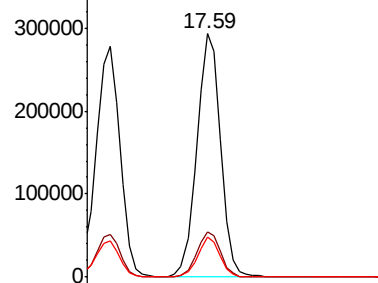


#72
Anthracene
Concen: 48.184 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

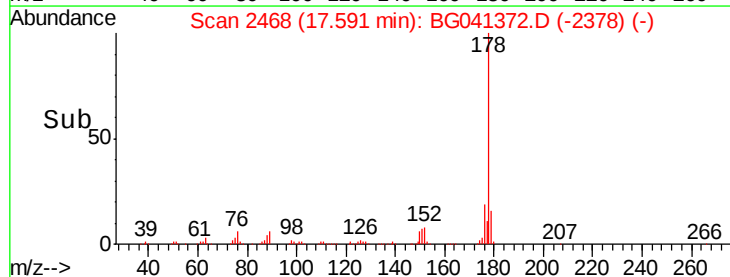
Tgt Ion:178 Resp: 439502
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 16.4 13.0 19.4

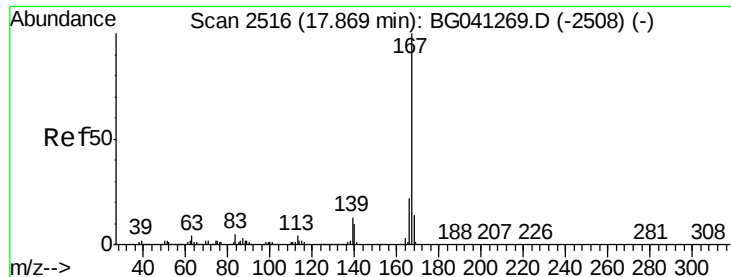


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

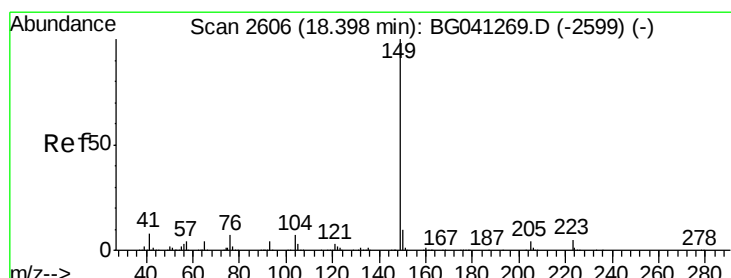
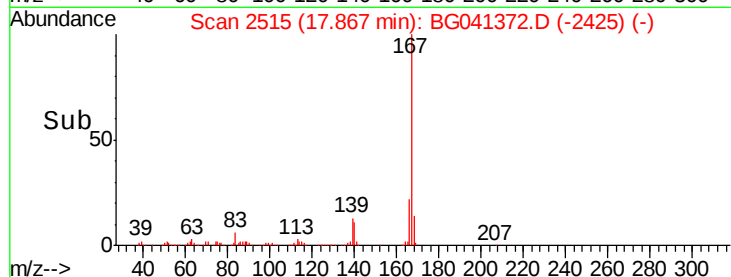
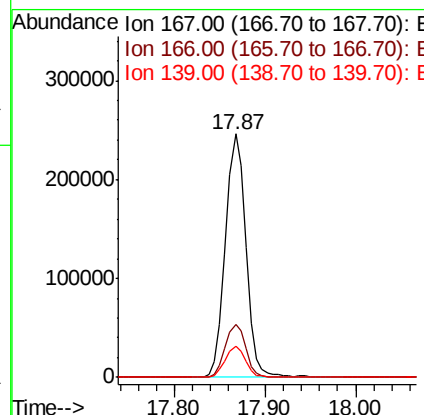
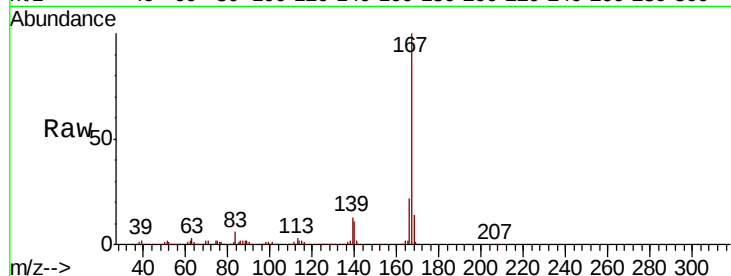




#73
 Carbazole
 Concen: 48.515 ng
 RT: 17.87 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

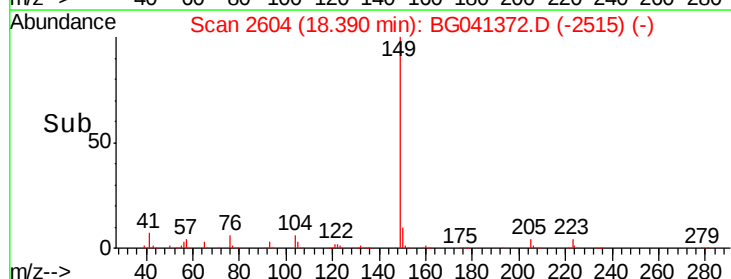
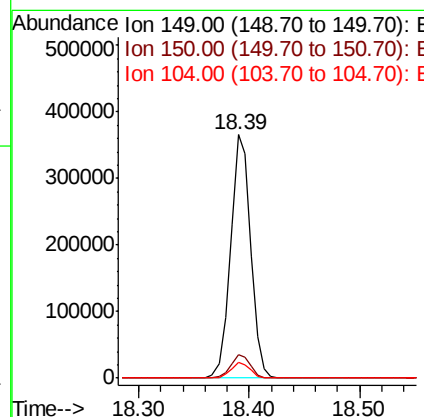
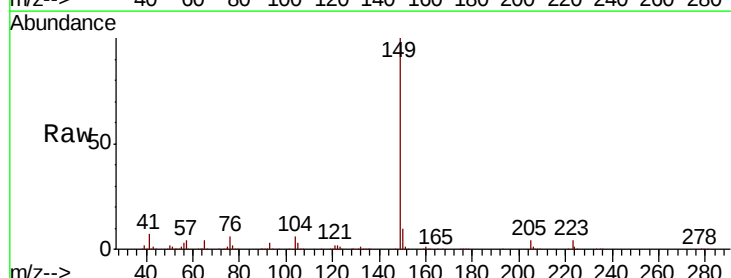
Instrument :
 BNA_G
 ClientSampleId :

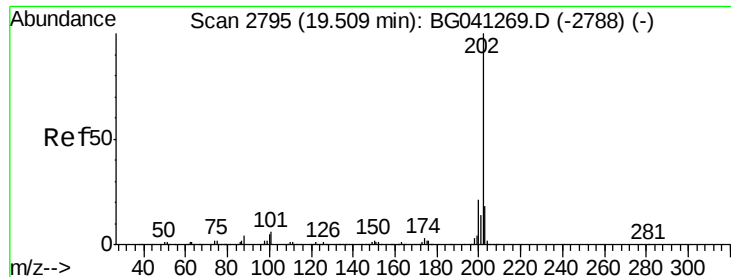
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	12.6	10.7	16.1



#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

ClientSampled :

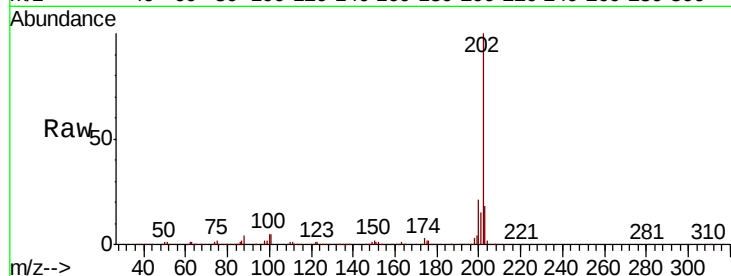
Tot Ion:202 Resp: 584238

Ion Ratio Lower Upper

202 100

101 5.4 0.0 26.0

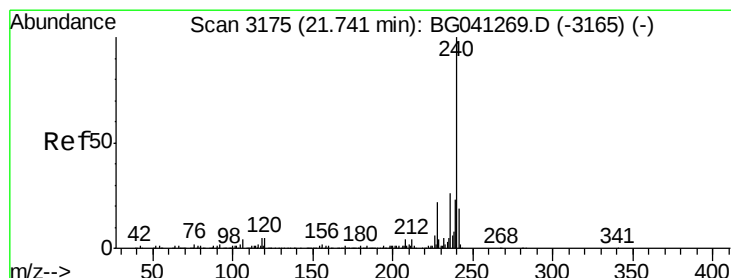
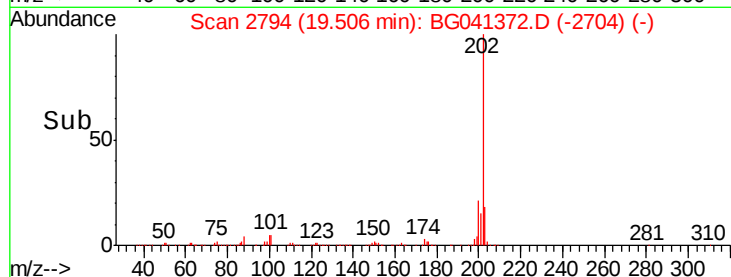
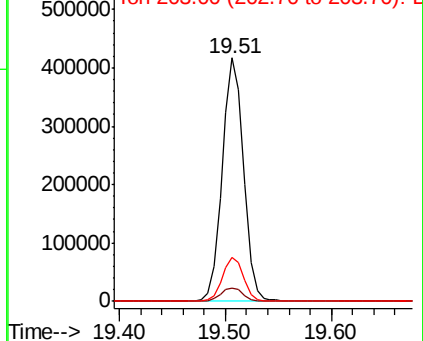
203 18.0 0.0 37.7



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

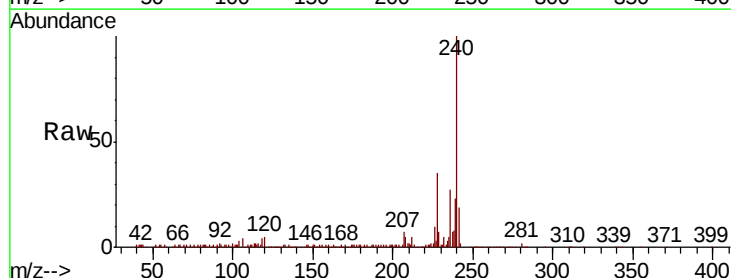
Tgt Ion:240 Resp: 185059

Ion Ratio Lower Upper

240 100

120 4.8 3.7 5.5

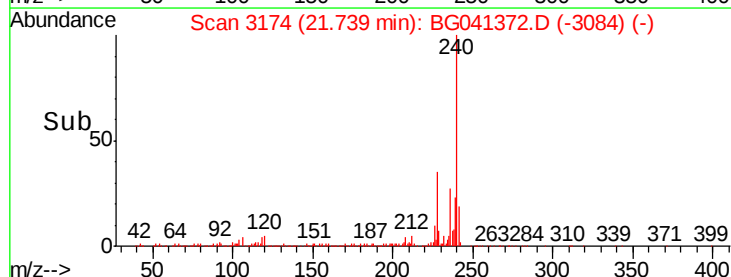
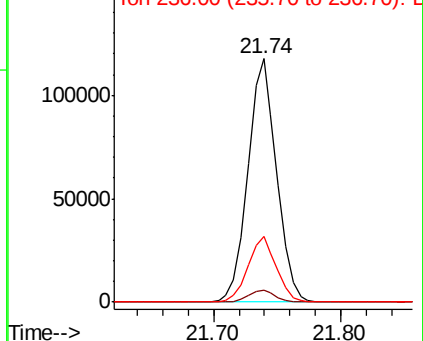
236 27.0 21.1 31.7

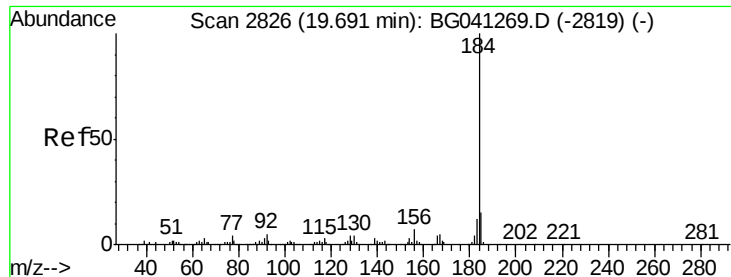


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

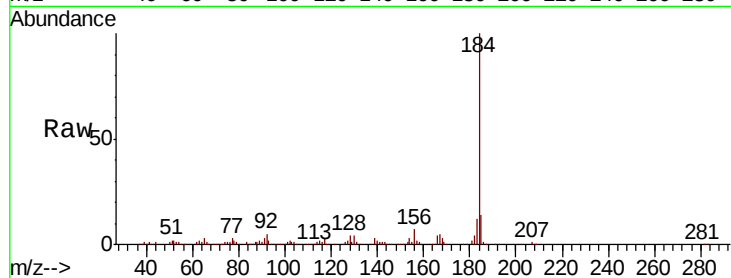
Tot Ion:184 Resp: 282736

Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.2

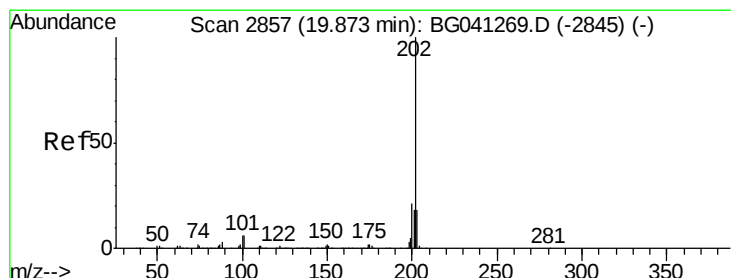
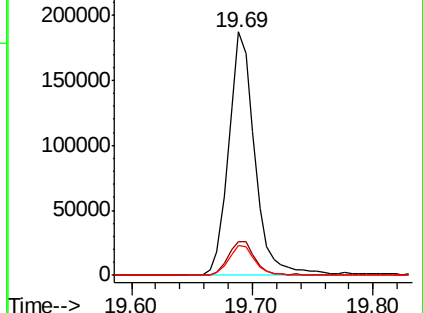
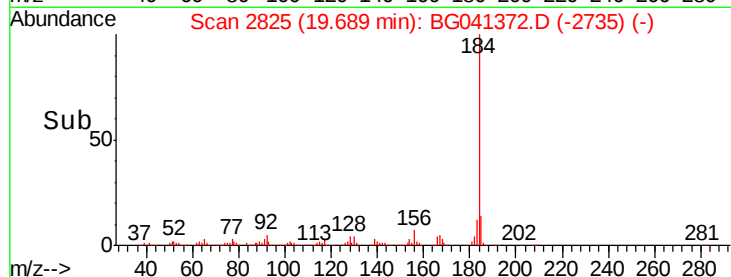
183 12.2 9.6 14.4



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

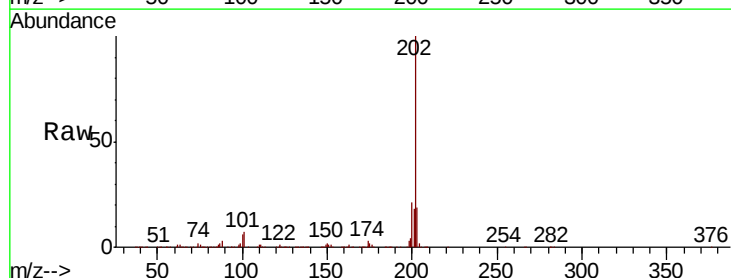
Tgt Ion:202 Resp: 589619

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

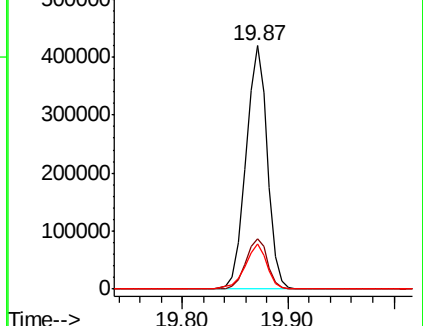
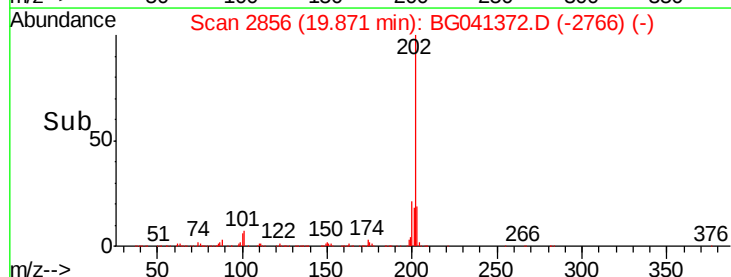
203 18.7 14.6 21.8

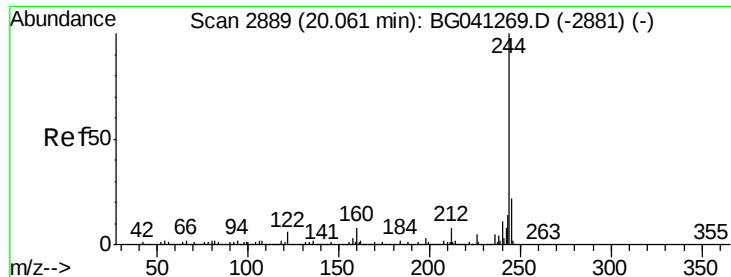


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

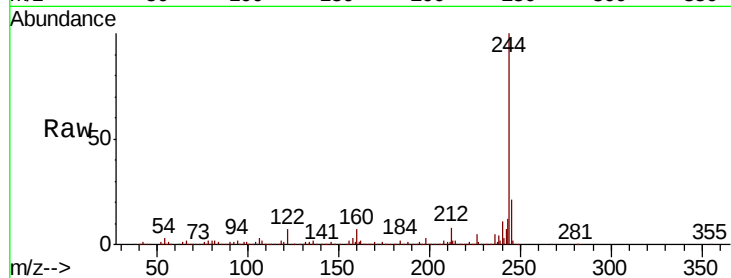
Tot Ion:244 Resp: 831624

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

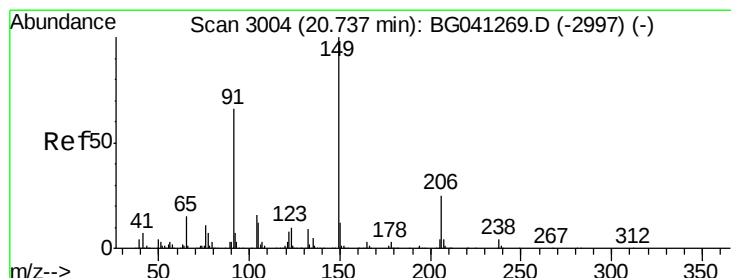
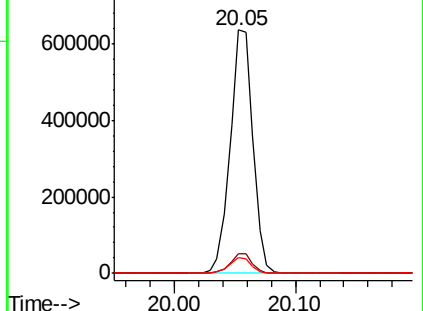
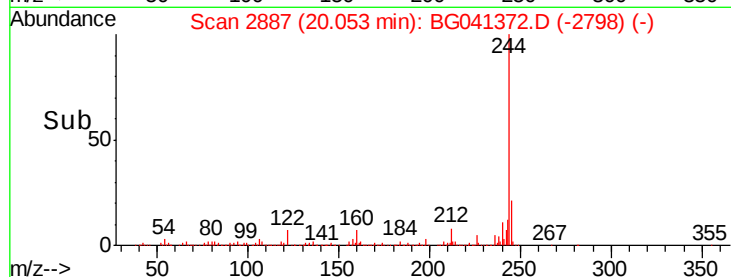
122 6.5 5.0 7.4



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

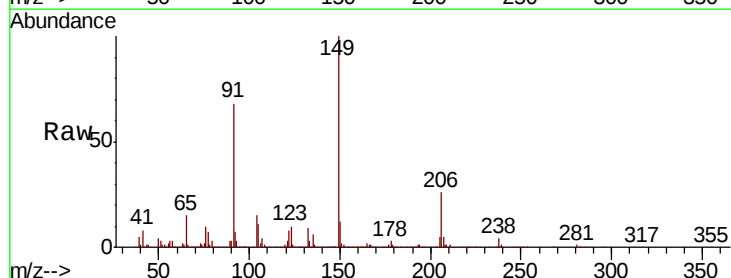
Tgt Ion:149 Resp: 220436

Ion Ratio Lower Upper

149 100

91 68.1 53.2 79.8

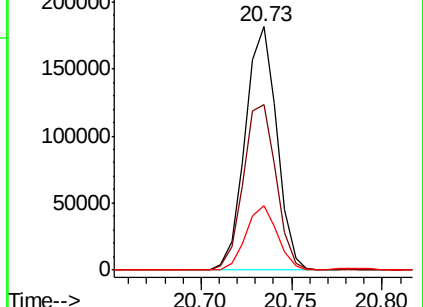
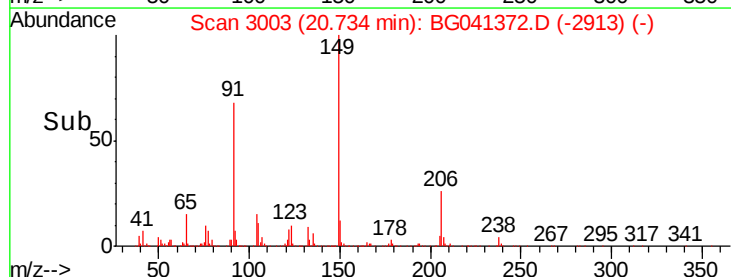
206 26.5 20.3 30.5

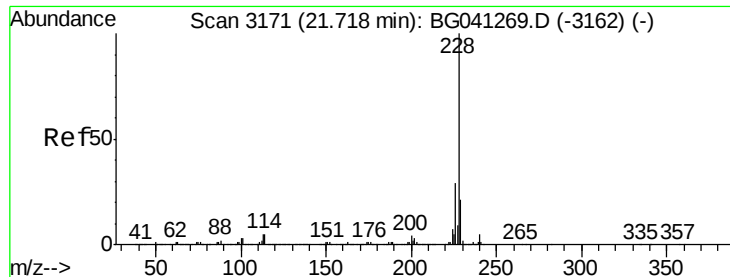


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

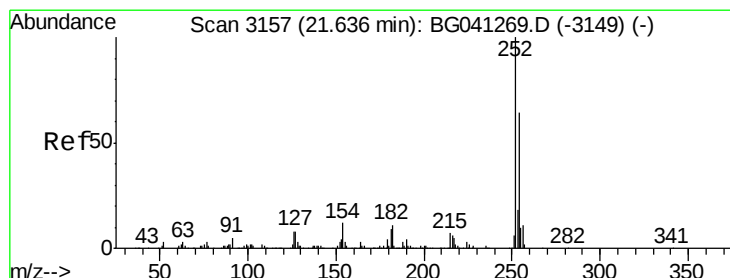
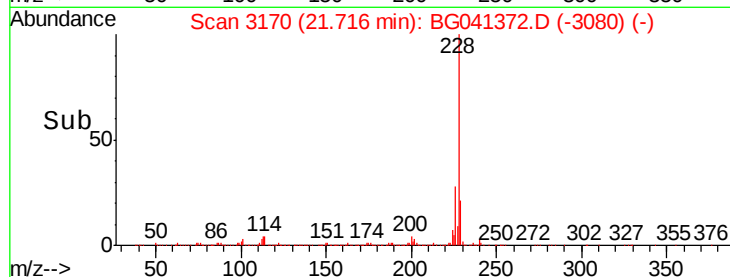
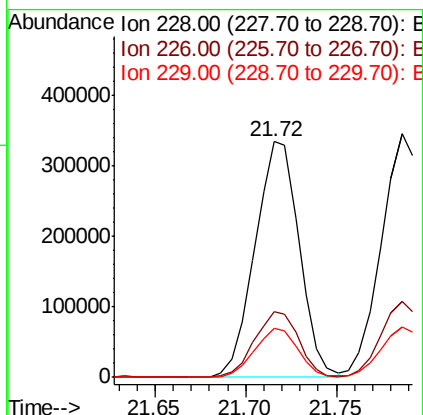
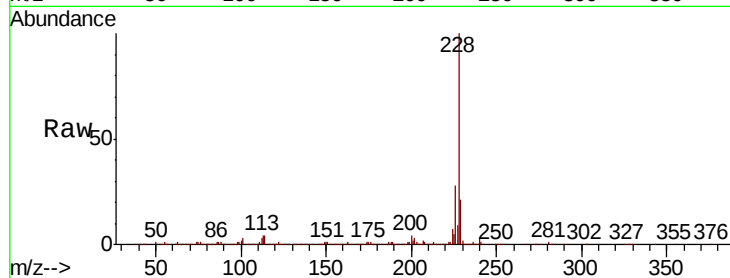




#81
Benzo(a)anthracene
Concen: 45.145 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

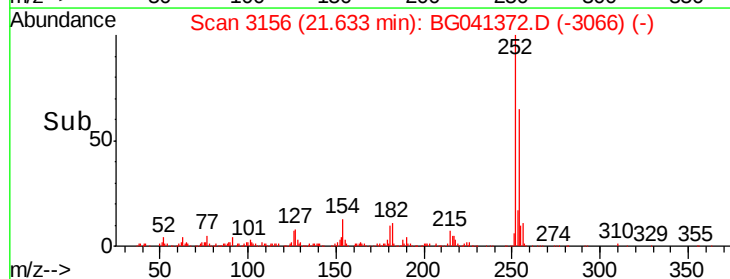
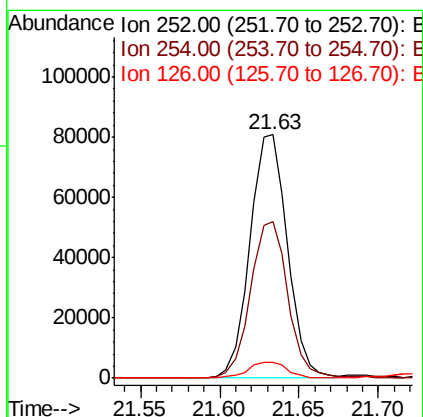
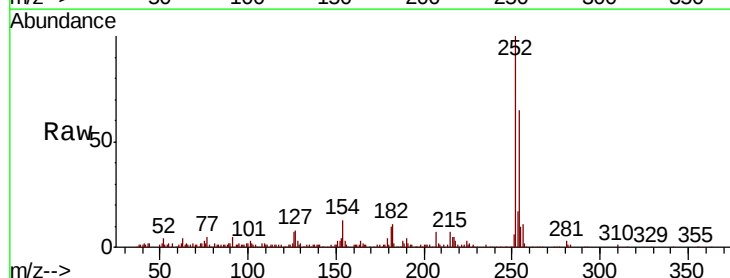
Instrument :
BNA_G
ClientSampleId :

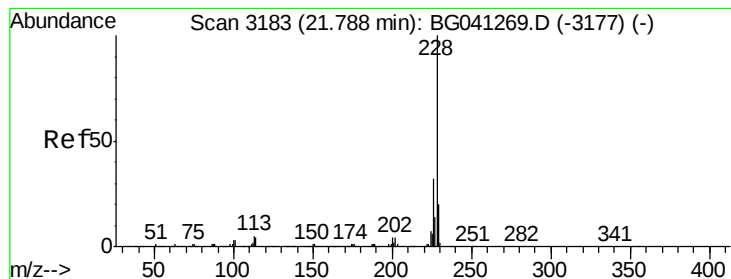
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.2	34.8
229	20.9	16.8	25.2



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





#83

Chrvsene

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 :

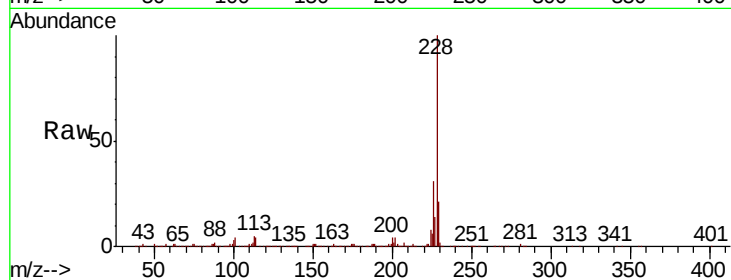
Tot Ion:228 Resp: 553502

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

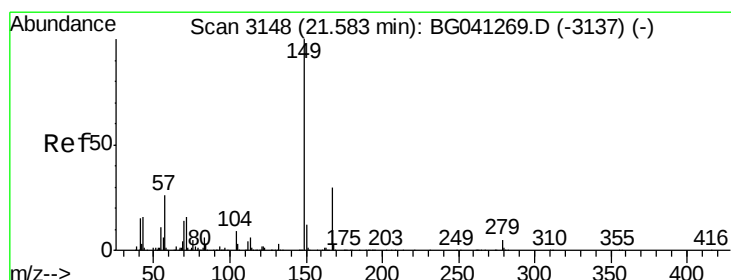
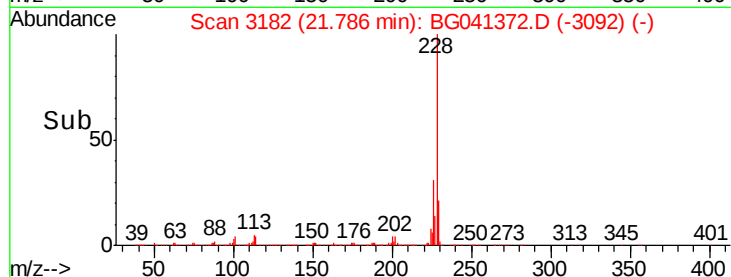
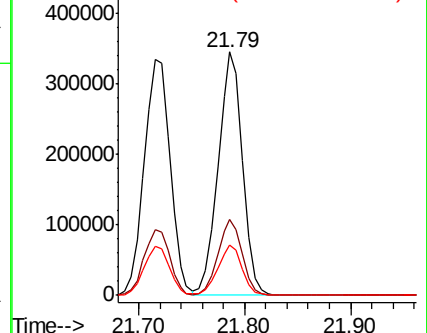
229 20.8 16.2 24.2



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

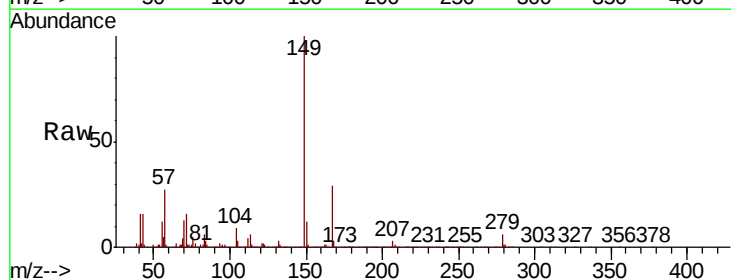
Tgt Ion:149 Resp: 294548

Ion Ratio Lower Upper

149 100

167 29.2 23.8 35.8

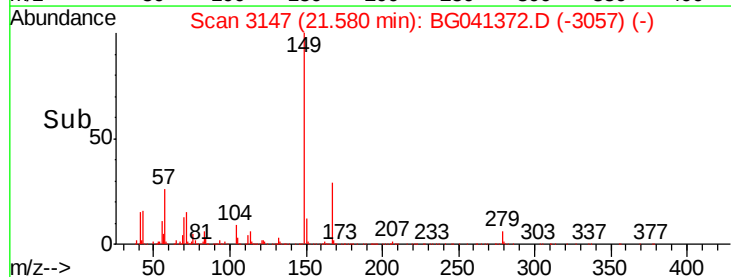
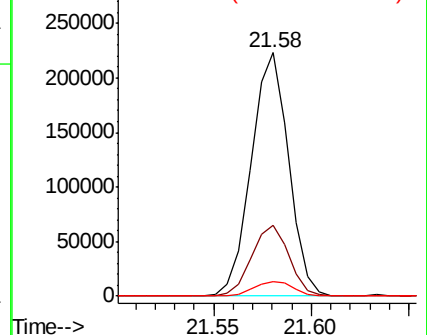
279 6.2 4.4 6.6

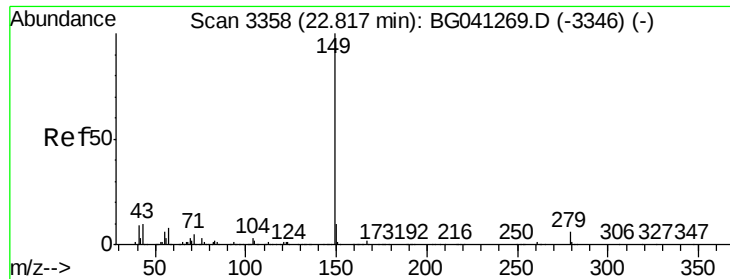


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.953 ng

RT: 22.81 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

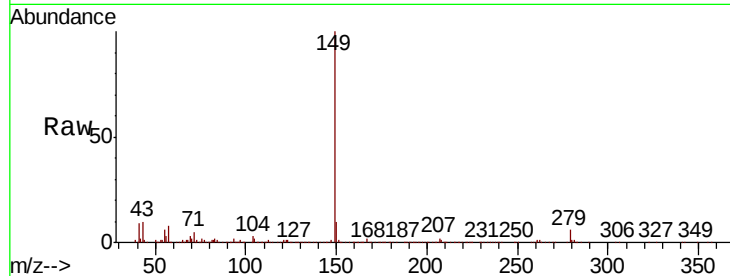
Tot Ion:149 Resp: 511053

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

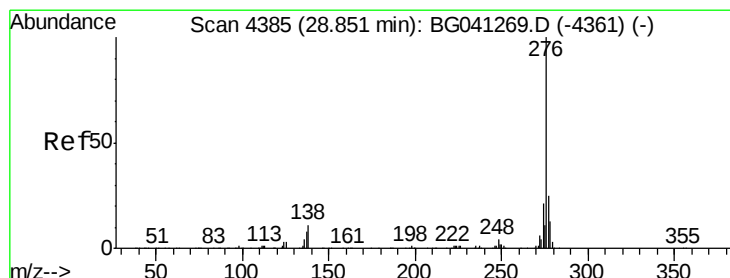
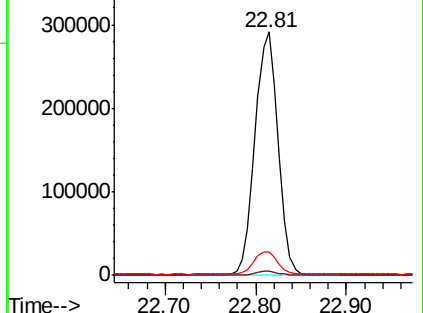
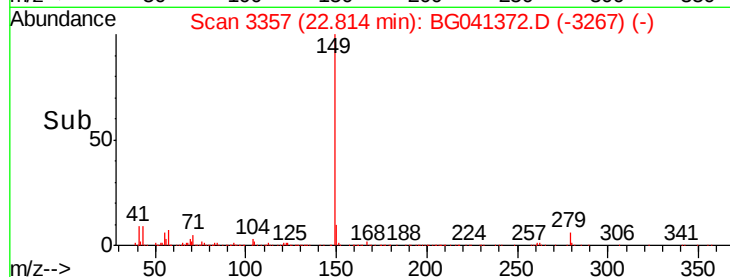
43 9.5 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.876 ng

RT: 28.88 min Scan# 4389

Delta R.T. 0.03 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

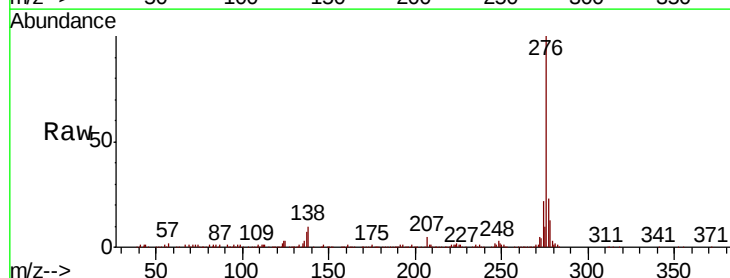
Tgt Ion:276 Resp: 670159

Ion Ratio Lower Upper

276 100

138 6.1 7.7 11.5#

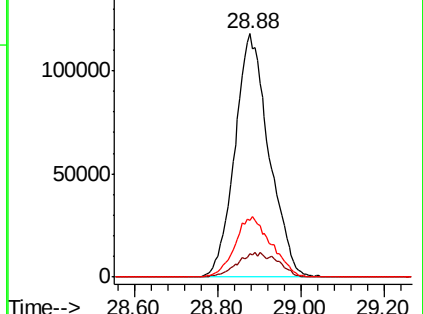
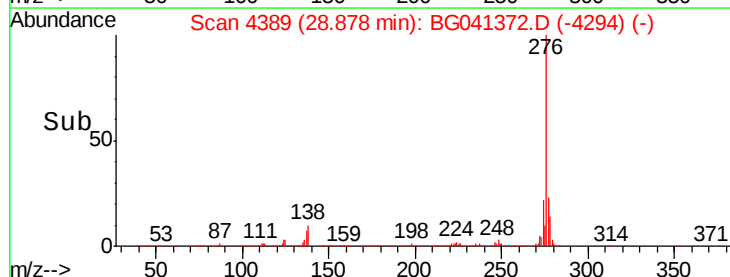
277 26.4 20.6 31.0

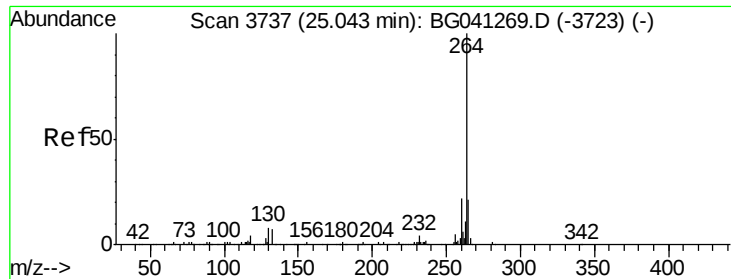


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

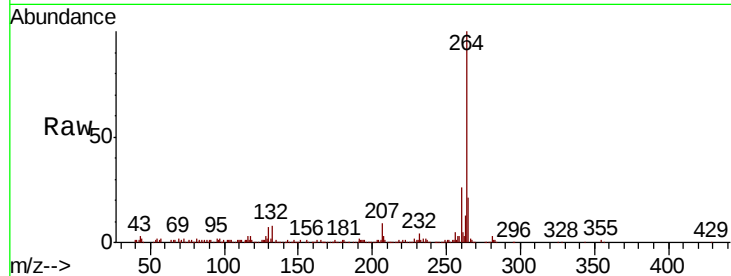
Tot Ion:264 Resp: 200027

Ion Ratio Lower Upper

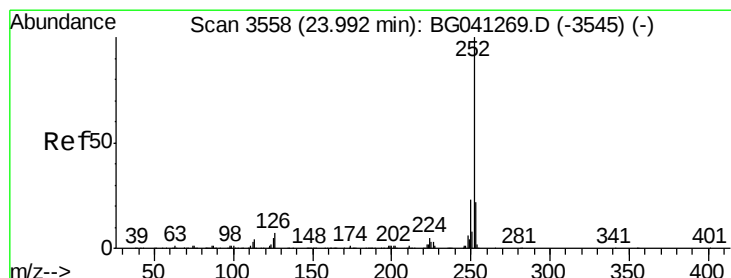
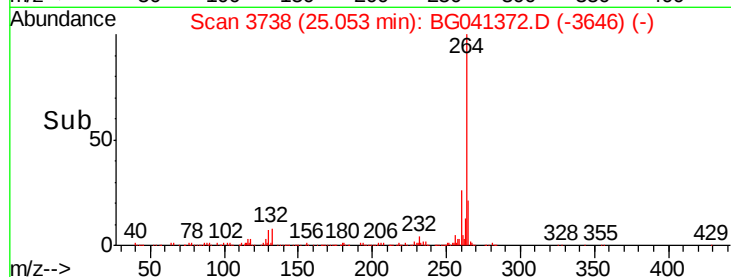
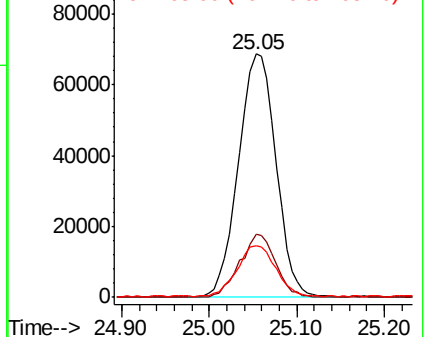
264 100

260 26.0 17.4 26.2

265 21.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.461 ng

RT: 24.00 min Scan# 3558

Delta R.T. 0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

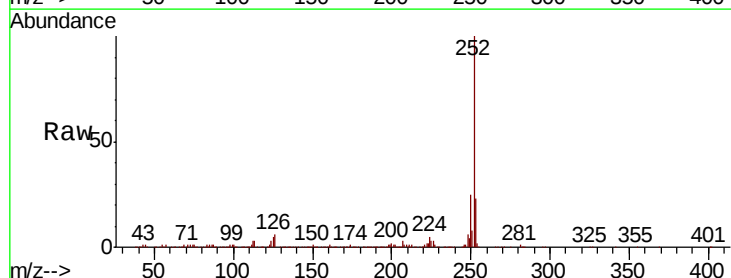
Tgt Ion:252 Resp: 575947

Ion Ratio Lower Upper

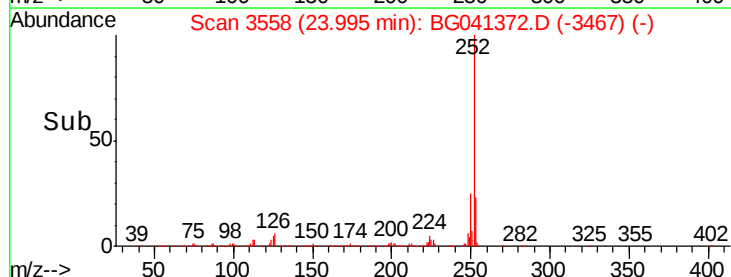
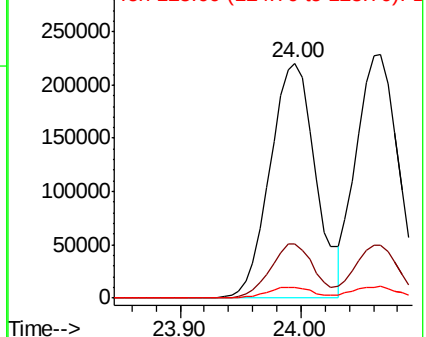
252 100

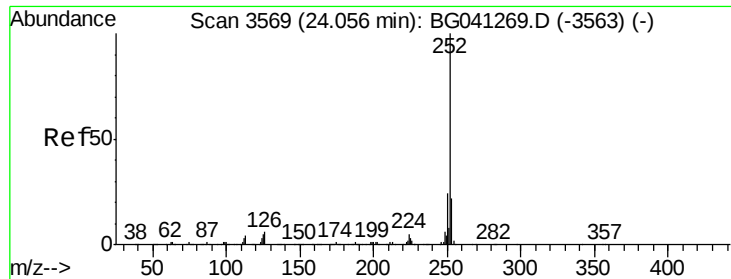
253 22.9 17.4 26.0

125 4.8 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

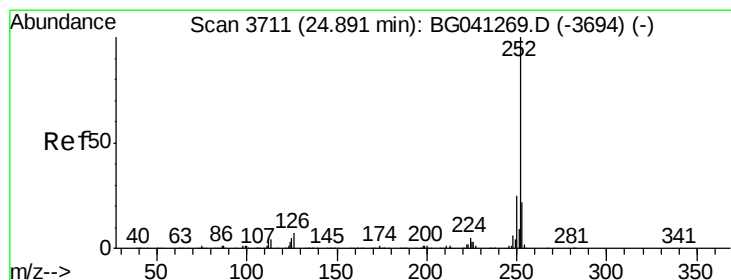
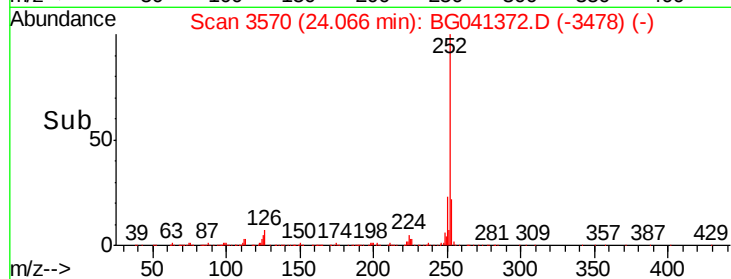
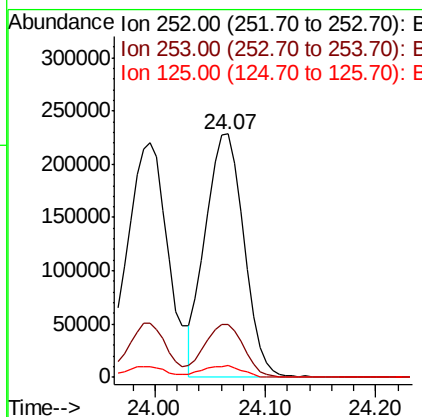
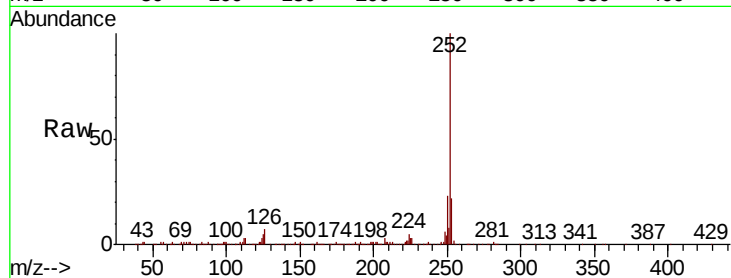




#89
Benzo(k)fluoranthene
Concen: 44.820 ng
RT: 24.07 min Scan# 3570
Delta R.T. 0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

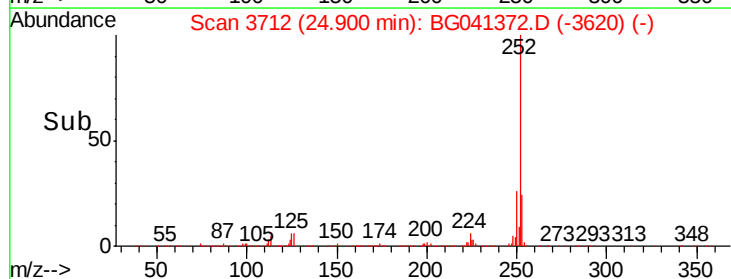
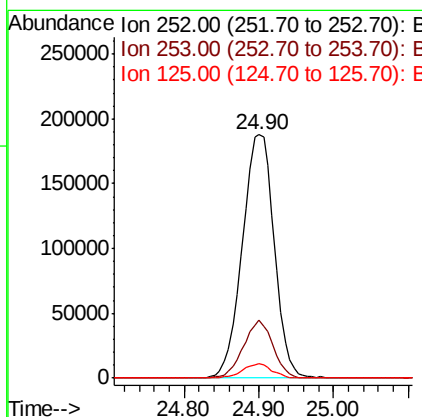
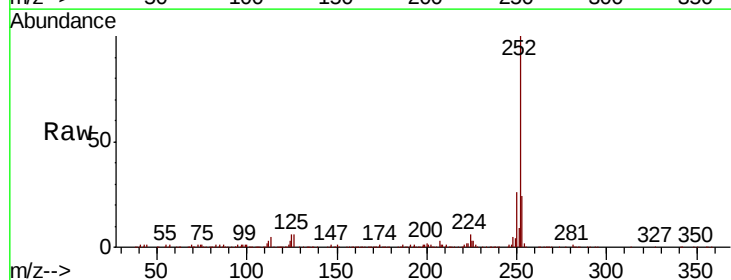
Instrument :
BNA_G
ClientSampleId :

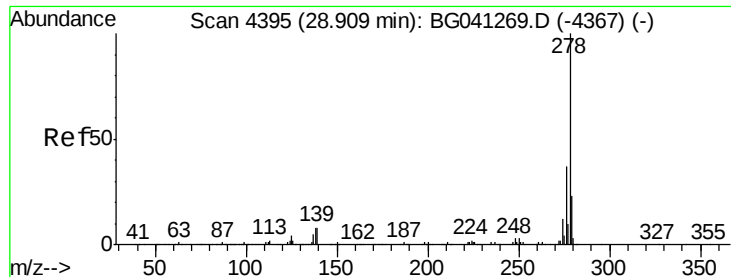
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	4.8	4.3	6.5



#90
Benzo(a)pyrene
Concen: 47.605 ng
RT: 24.90 min Scan# 3712
Delta R.T. 0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	5.9	4.2	6.4

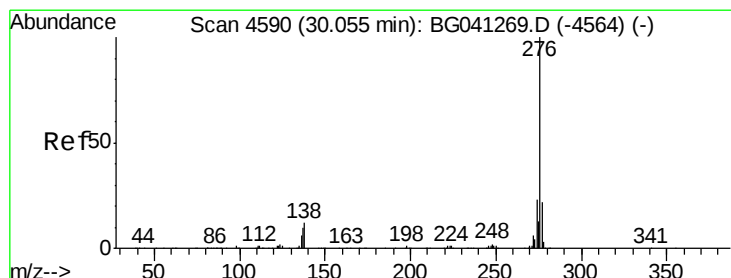
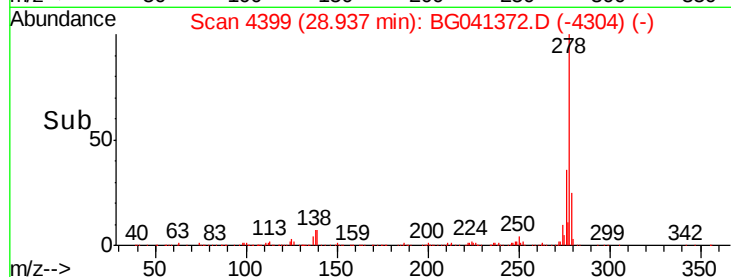
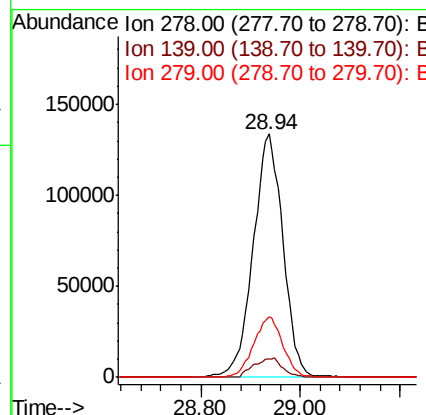
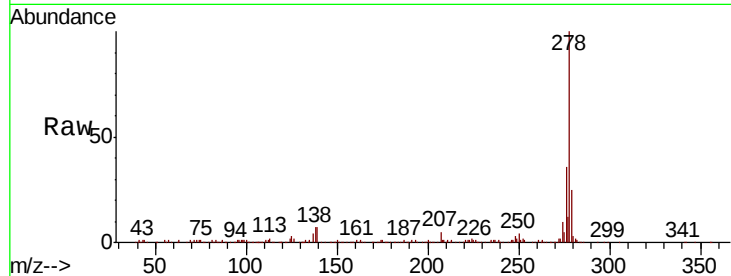




#91
Dibenzo(a,h)anthracene
Concen: 47.189 ng
RT: 28.94 min Scan# 4399
Delta R.T. 0.03 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.3	6.6	10.0
279	25.1	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 48.163 ng
RT: 30.09 min Scan# 4595
Delta R.T. 0.03 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	10.5	9.4	14.0

