

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041609.D
 Acq On : 5 Jul 2019 13:27
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 05 18:09:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 17:58:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	24879	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	90536	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	64671	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	177627	20.00	ng	0.00
76) Chrysene-d12	21.68	240	206839	20.00	ng	0.00
87) Perylene-d12	24.96	264	235350	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	112583	80.68	ng	0.00
7) Phenol-d6	7.18	99	156768	79.80	ng	0.00
23) Nitrobenzene-d5	9.20	82	169418	78.05	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	91474	82.84	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	399209	79.21	ng	0.00
79) Terphenyl-d14	20.01	244	759589	78.04	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	24538	38.846	ng	100
3) Pyridine	3.82	79	63109	39.376	ng	100
4) n-Nitrosodimethylamine	3.74	42	36965	41.447	ng	100
6) Aniline	7.34	93	96810	38.232	ng	100
8) 2-Chlorophenol	7.58	128	63333	40.468	ng	100
9) Benzaldehyde	7.16	77	43006	36.251	ng	100
10) Phenol	7.21	94	77956	39.375	ng	100
11) bis(2-Chloroethyl)ether	7.44	93	59210	37.711	ng	100
12) 1,3-Dichlorobenzene	7.91	146	81053	40.036	ng	100
13) 1,4-Dichlorobenzene	8.05	146	83331	40.831	ng	100
14) 1,2-Dichlorobenzene	8.37	146	78727	40.289	ng	100
15) Benzyl Alcohol	8.26	79	58085	37.129	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.55	45	73699	33.426	ng	100
17) 2-Methylphenol	8.47	107	55652	38.615	ng	100
18) Hexachloroethane	9.09	117	31181	38.721	ng	100
19) n-Nitroso-di-n-propylamine	8.83	70	50829	34.689	ng	100
20) 3+4-Methylphenols	8.80	107	74003	38.526	ng	100
22) Acetophenone	8.85	105	107783	39.689	ng	100
24) Nitrobenzene	9.24	77	84208	38.647	ng	100
25) Isophorone	9.76	82	148387	38.074	ng	100
26) 2-Nitrophenol	9.96	139	36840	40.485	ng	100
27) 2,4-Dimethylphenol	10.00	122	49770	39.298	ng	100
28) bis(2-Chloroethoxy)methane	10.24	93	77163	37.442	ng	100
29) 2,4-Dichlorophenol	10.50	162	69983	40.911	ng	100
30) 1,2,4-Trichlorobenzene	10.70	180	88711	40.461	ng	100
31) Naphthalene	10.89	128	196201	39.186	ng	100
32) Benzoic acid	10.14	122	12588	24.076	ng	100
33) 4-Chloroaniline	11.01	127	85398	40.518	ng	100
34) Hexachlorobutadiene	11.15	225	72341	41.566	ng	100
35) Caprolactam	11.81	113	21908	41.016	ng	100
36) 4-Chloro-3-methylphenol	12.13	107	71881	38.782	ng	100
37) 2-Methylnaphthalene	12.49	142	143326	38.747	ng	100
38) 1-Methylnaphthalene	12.71	142	136412	38.655	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	114353	40.156	ng	100

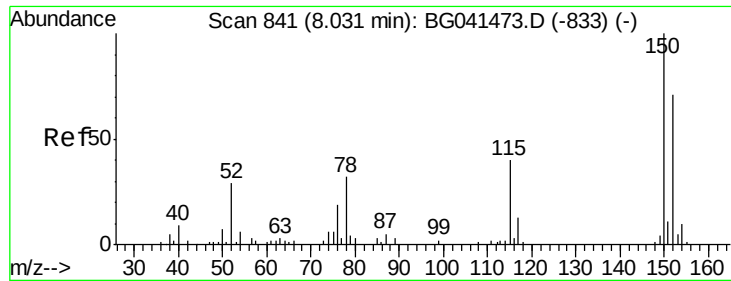
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041609.D
 Acq On : 5 Jul 2019 13:27
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 17:58:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	54473	37.296	ng	100
43) 2,4,6-Trichlorophenol	13.11	196	66590	39.413	ng	100
44) 2,4,5-Trichlorophenol	13.19	196	67581	40.150	ng	100
46) 1,1'-Biphenyl	13.49	154	197842	38.754	ng	100
47) 2-Chloronaphthalene	13.55	162	170146	38.821	ng	100
48) 2-Nitroaniline	13.76	65	55558	37.394	ng	100
49) Acenaphthylene	14.39	152	250421	38.226	ng	100
50) Dimethylphthalate	14.12	163	228456	38.819	ng	100
51) 2,6-Dinitrotoluene	14.25	165	47783	38.259	ng	100
52) Acenaphthene	14.73	154	148977	38.349	ng	100
53) 3-Nitroaniline	14.59	138	45868	38.470	ng	100
54) 2,4-Dinitrophenol	14.81	184	23184	33.177	ng	100
55) Dibenzofuran	15.06	168	262788	38.857	ng	100
56) 4-Nitrophenol	14.90	139	30401	39.510	ng	100
57) 2,4-Dinitrotoluene	15.04	165	69921	38.591	ng	100
58) Fluorene	15.71	166	209334	38.907	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	77496m	43.673	ng	
60) Diethylphthalate	15.47	149	231350	38.404	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	135955	39.176	ng	100
62) 4-Nitroaniline	15.75	138	47188	40.609	ng	100
63) Azobenzene	15.99	77	187847	36.985	ng	100
65) 4,6-Dinitro-2-methylphenol	15.80	198	41177	37.430	ng	100
66) n-Nitrosodiphenylamine	15.92	169	186093	38.066	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	92176	37.974	ng	100
68) Hexachlorobenzene	16.71	284	103097	39.421	ng	100
69) Atrazine	16.86	200	74563	36.033	ng	100
70) Pentachlorophenol	17.07	266	41345	34.889	ng	100
71) Phenanthrene	17.46	178	381964	39.030	ng	100
72) Anthracene	17.55	178	376359	38.435	ng	100
73) Carbazole	17.82	167	334032	40.128	ng	100
74) Di-n-butylphthalate	18.35	149	412008	39.380	ng	100
75) Fluoranthene	19.46	202	529419	40.575	ng	100
77) Benzidine	19.65	184	186632	40.667	ng	100
78) Pyrene	19.83	202	534555	37.857	ng	100
80) Butylbenzylphthalate	20.69	149	197782	37.505	ng	100
81) Benzo(a)anthracene	21.67	228	562301	39.103	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	205727	41.315	ng	100
83) Chrysene	21.74	228	543104	39.018	ng	100
84) Bis(2-ethylhexyl)phthalate	21.53	149	283966	37.983	ng	100
85) Di-n-octyl phthalate	22.75	149	491899	38.881	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	686182	40.711	ng	100
88) Benzo(b)fluoranthene	23.92	252	571348	38.061	ng	100
89) Benzo(k)fluoranthene	23.98	252	562175	38.145	ng	100
90) Benzo(a)pyrene	24.81	252	546965	38.365	ng	100
91) Dibenzo(a,h)anthracene	28.79	278	558071	39.072	ng	100
92) Benzo(g,h,i)perylene	29.91	276	552267	38.889	ng	100

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

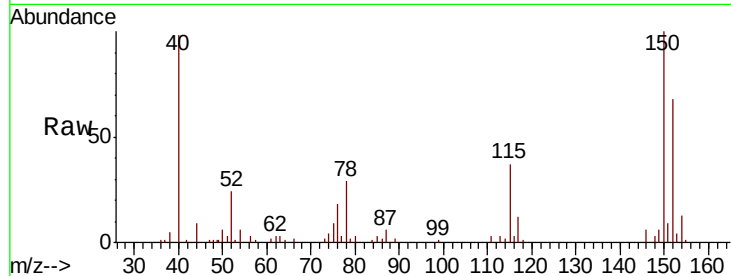


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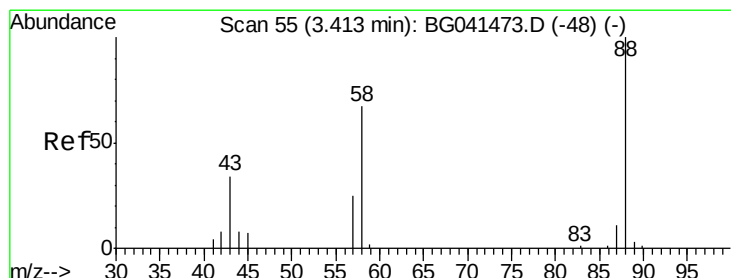
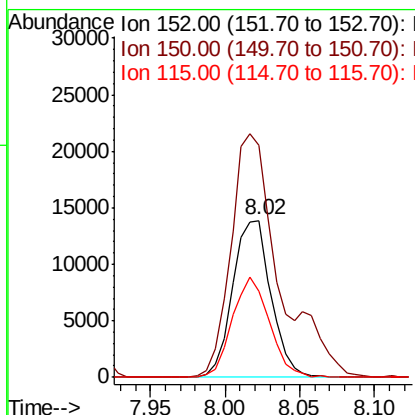
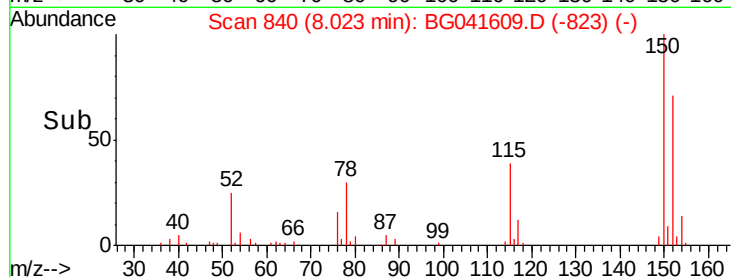
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 24879
Ion Ratio Lower Upper
152 100
150 147.9 118.3 177.5
115 55.0 44.0 66.0



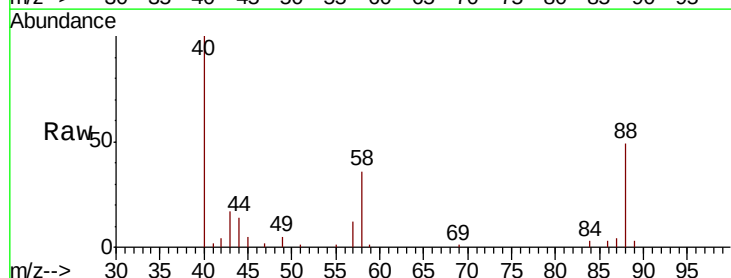
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



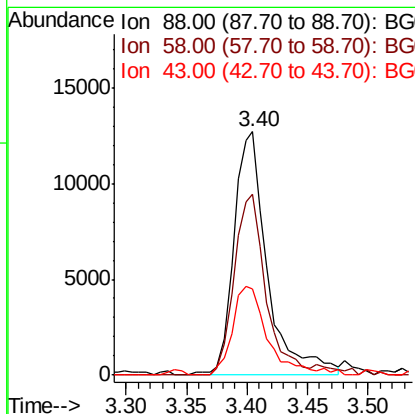
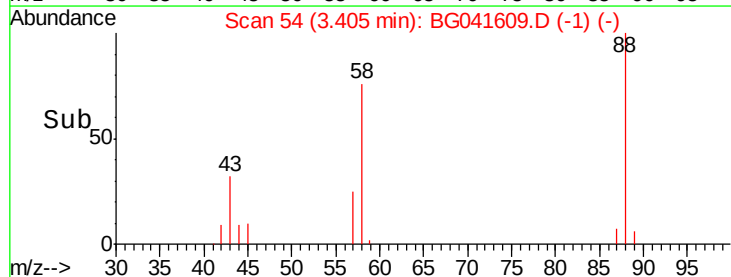
#2

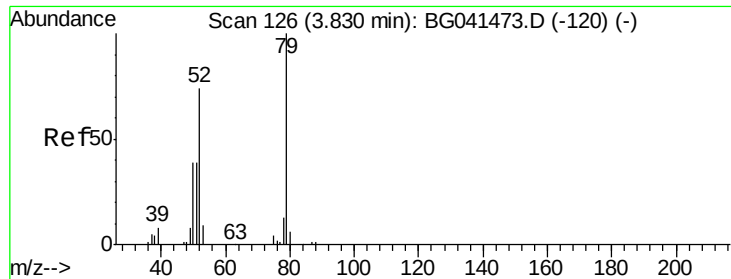
1,4-Dioxane
Concen: 38.846 ng
RT: 3.40 min Scan# 54
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion: 88 Resp: 24538
Ion Ratio Lower Upper
88 100
58 69.9 55.9 83.9
43 37.6 30.1 45.1



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: 39.376 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

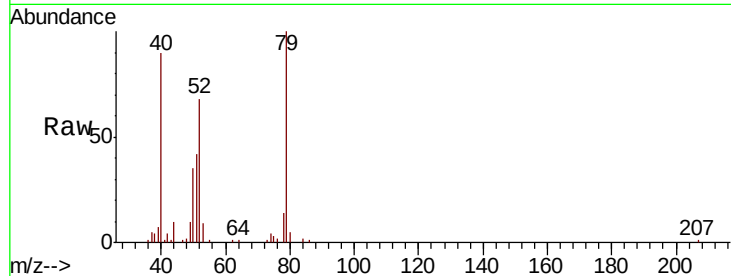
Tot Ion: 79 Resp: 63109

Ion Ratio Lower Upper

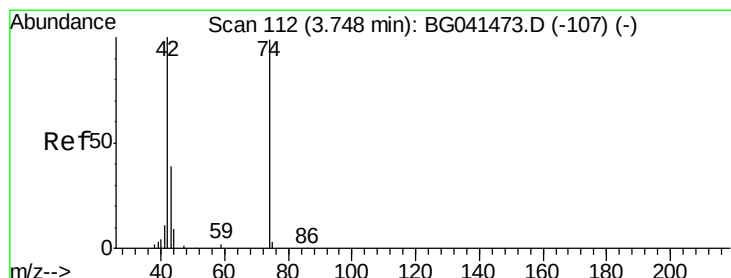
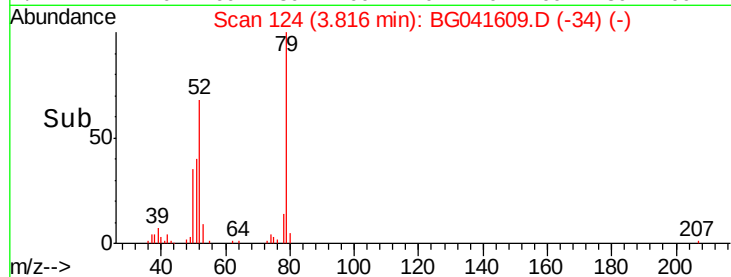
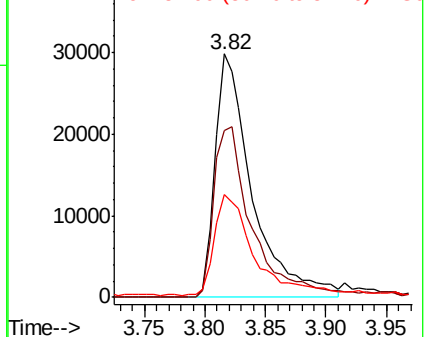
79 100

52 68.4 54.7 82.1

51 42.0 33.6 50.4



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



#4

n-Nitrosodimethylamine

Concen: 41.447 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

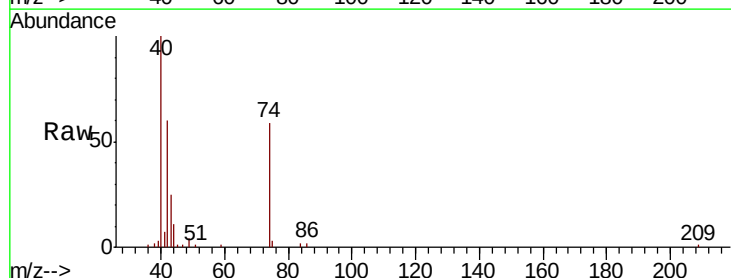
Tgt Ion: 42 Resp: 36965

Ion Ratio Lower Upper

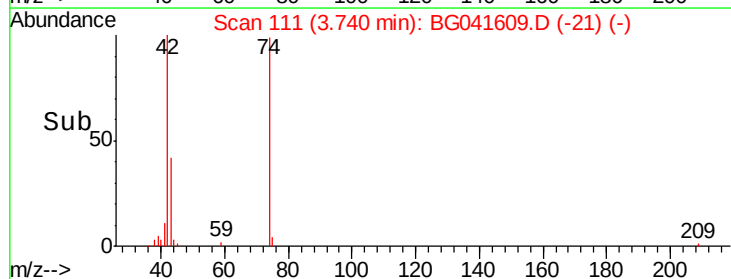
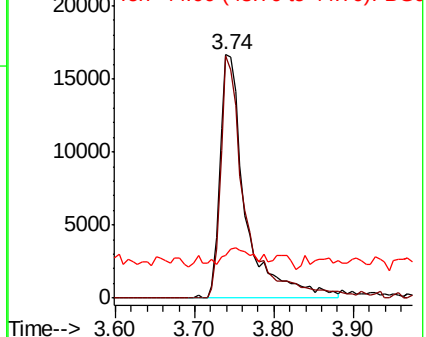
42 100

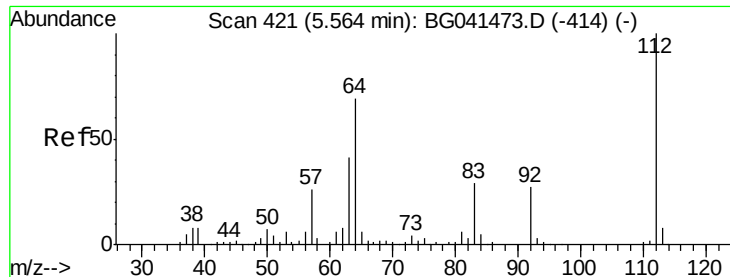
74 99.4 79.5 119.3

44 17.7 14.2 21.2



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.678 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

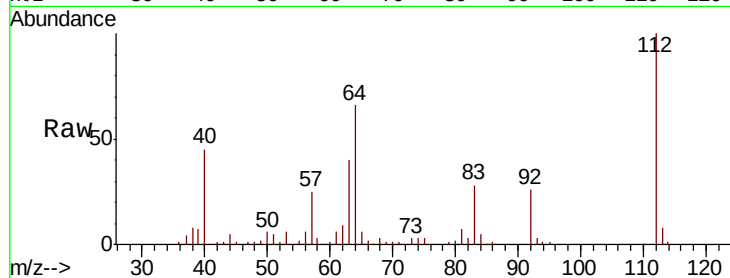
Tot Ion:112 Resp: 112583

Ion Ratio Lower Upper

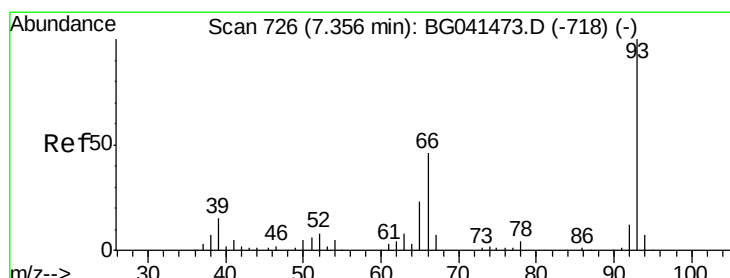
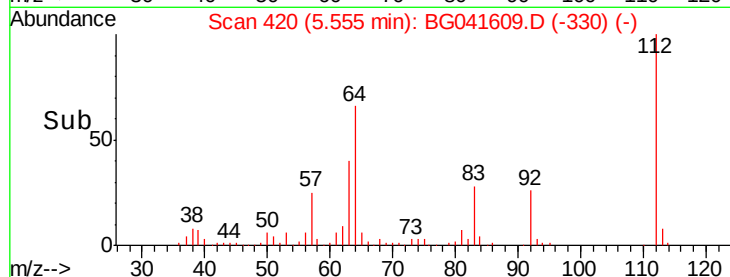
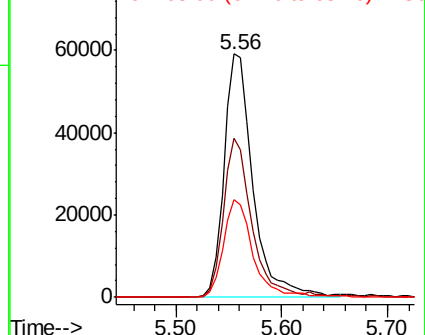
112 100

64 65.5 52.4 78.6

63 40.2 32.2 48.2



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.232 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

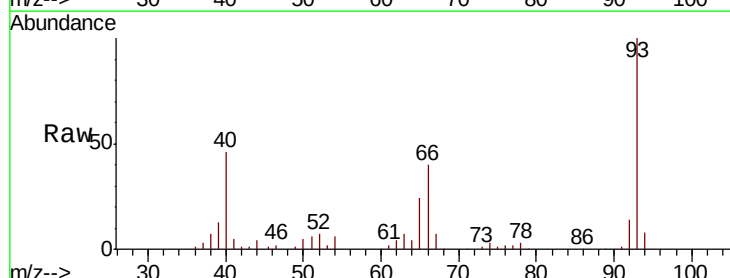
Tgt Ion: 93 Resp: 96810

Ion Ratio Lower Upper

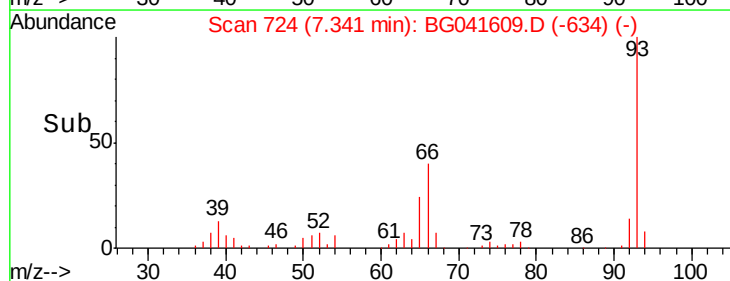
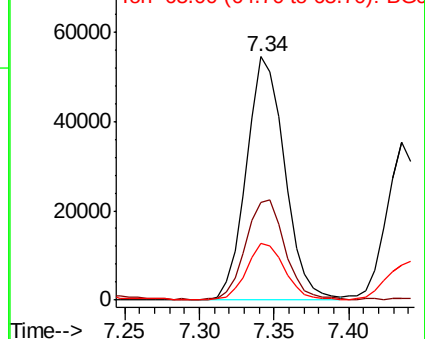
93 100

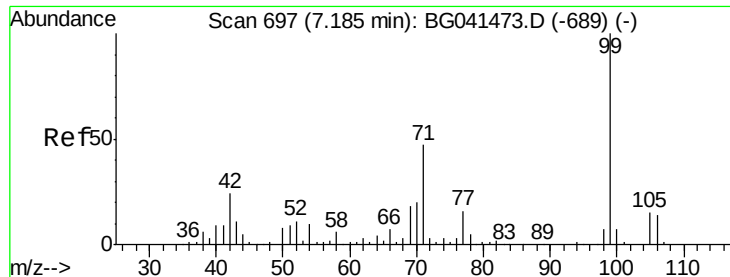
66 40.3 32.2 48.4

65 23.5 18.8 28.2



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: 79.803 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

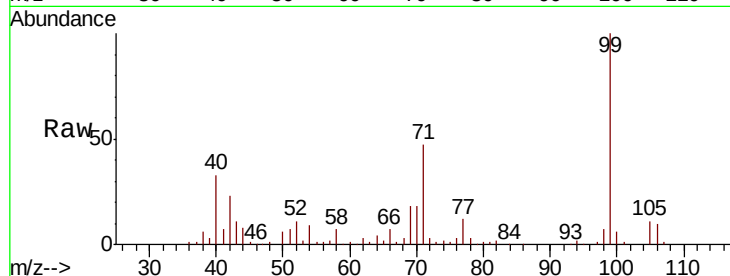
Tot Ion: 99 Resp: 156768

Ion Ratio Lower Upper

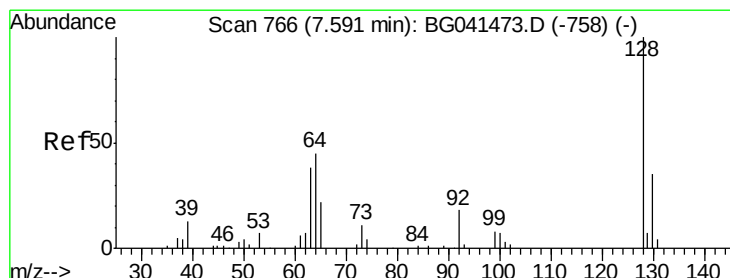
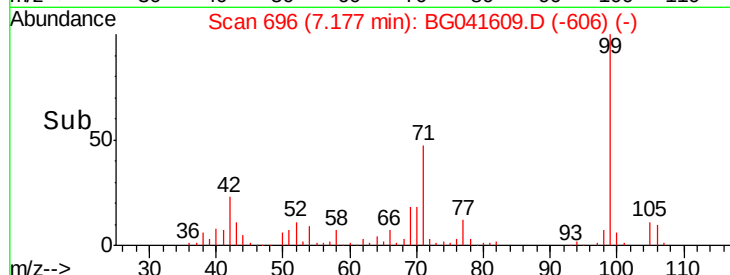
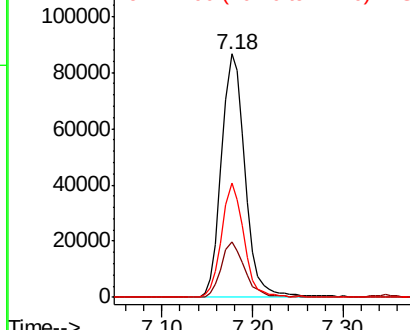
99 100

42 22.8 18.2 27.4

71 46.8 37.4 56.2



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



#8

2-Chlorophenol

Concen: 40.468 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

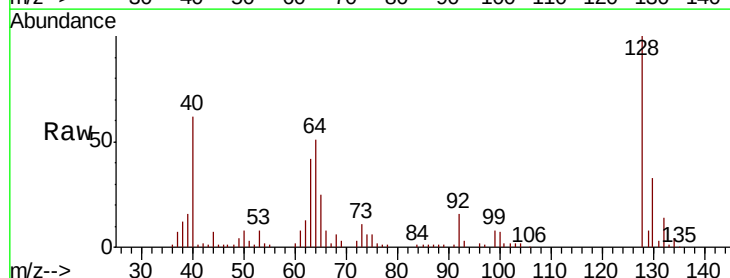
Tgt Ion: 128 Resp: 63333

Ion Ratio Lower Upper

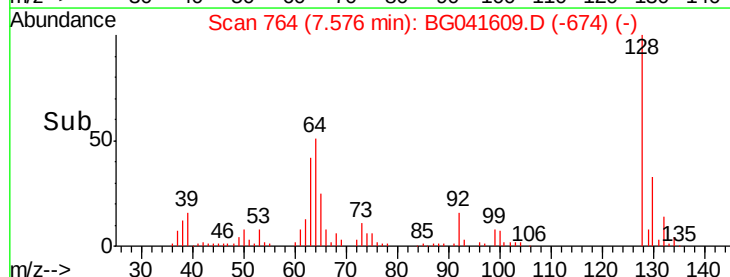
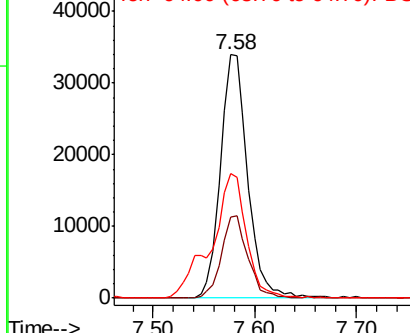
128 100

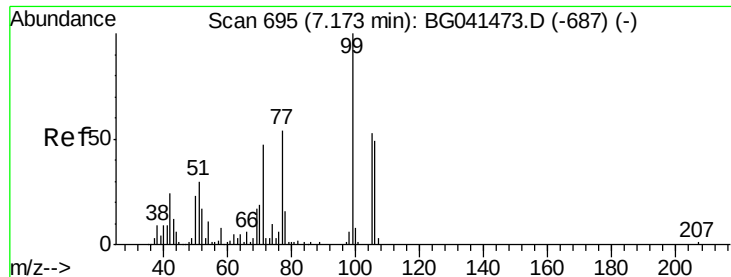
130 33.3 13.3 53.3

64 51.0 31.0 71.0



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





#9

Benzaldehyde

Concen: 36.251 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

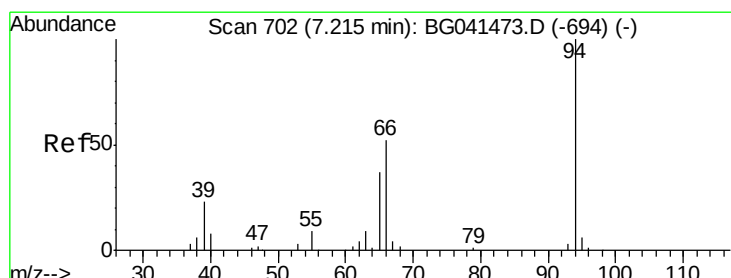
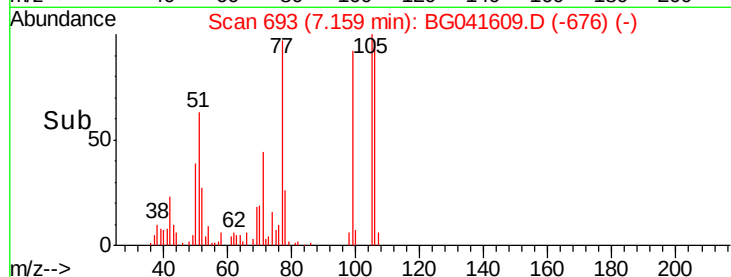
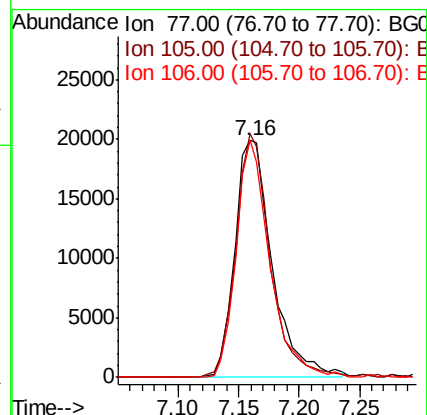
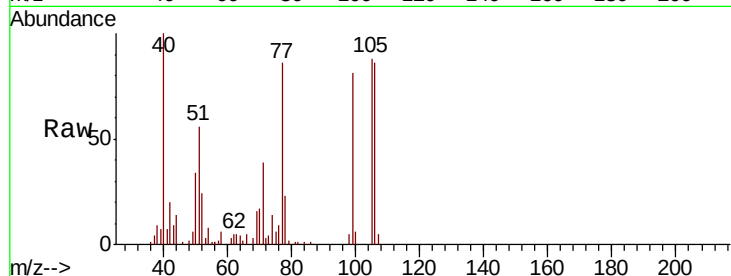
Tot Ion: 77 Resp: 43006

Ion Ratio Lower Upper

77 100

105 102.9 82.9 122.9

106 100.3 80.3 120.3



#10

Phenol

Concen: 39.375 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

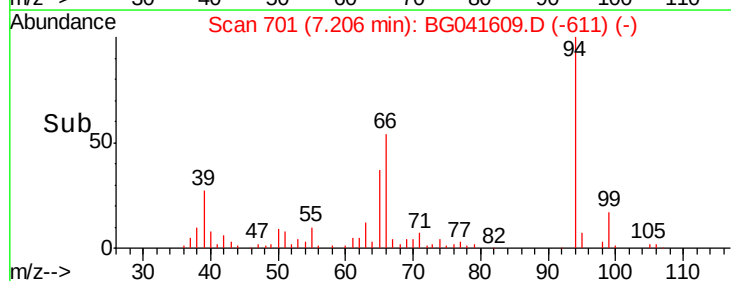
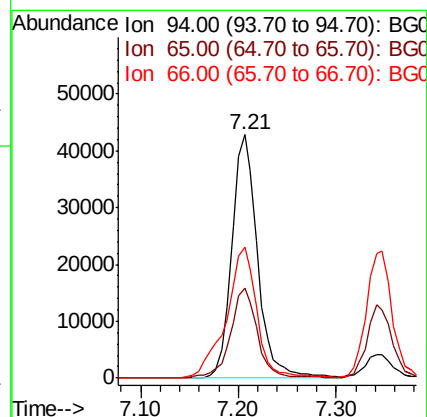
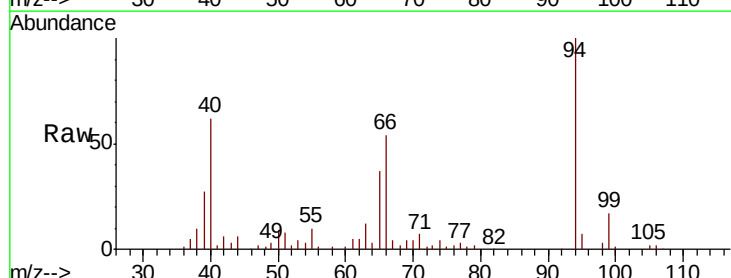
Tgt Ion: 94 Resp: 77956

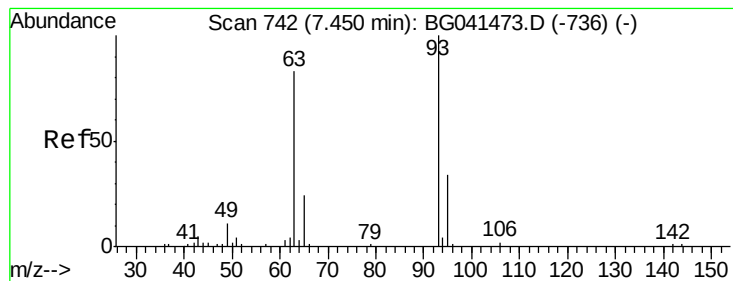
Ion Ratio Lower Upper

94 100

65 36.8 16.8 56.8

66 54.0 34.0 74.0





#11

bis(2-Chloroethyl)ether

Concen: 37.711 ng

RT: 7.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

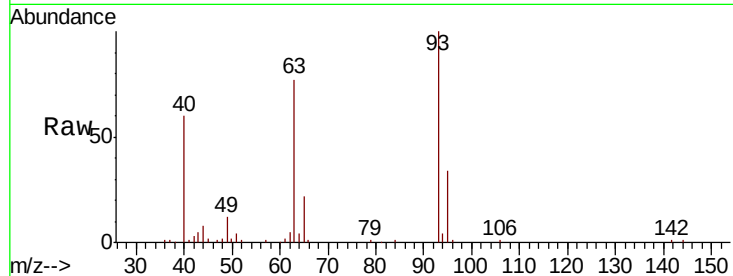
Tot Ion: 93 Resp: 59210

Ion Ratio Lower Upper

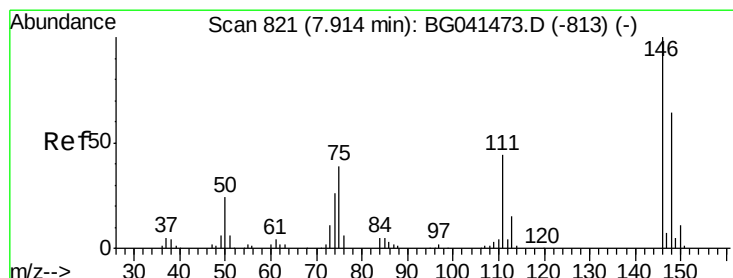
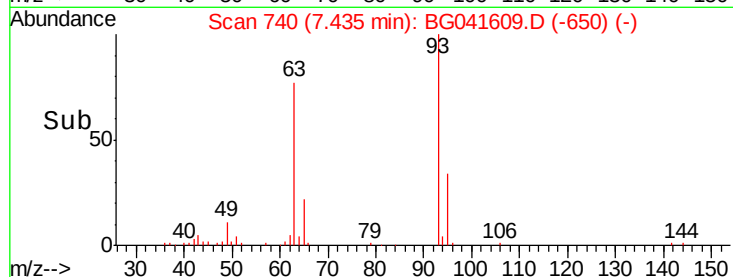
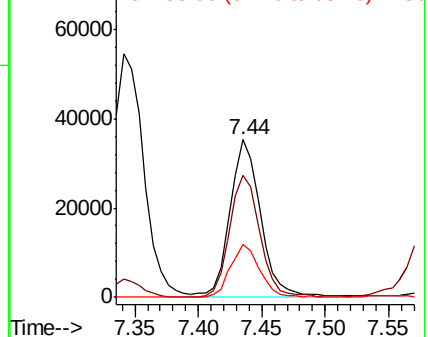
93 100

63 77.4 57.4 97.4

95 33.8 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.036 ng

RT: 7.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

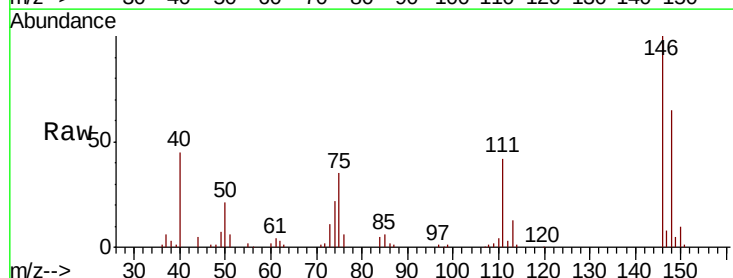
Tgt Ion: 146 Resp: 81053

Ion Ratio Lower Upper

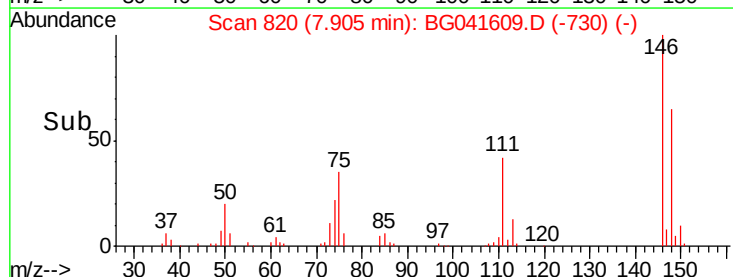
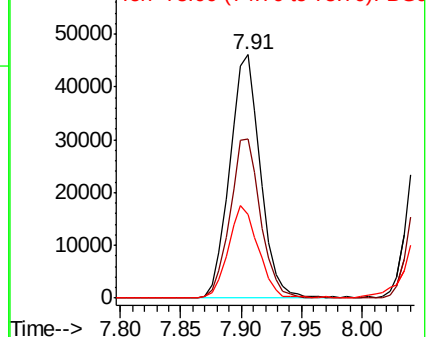
146 100

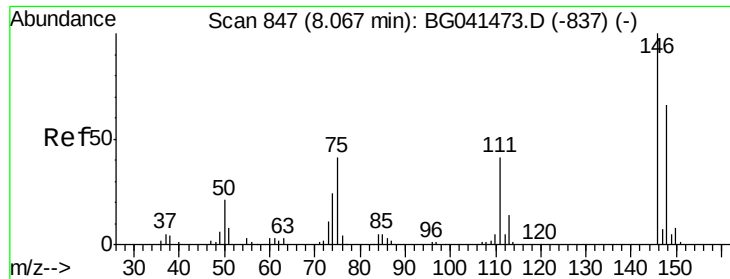
148 65.4 52.3 78.5

75 34.5 27.6 41.4



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

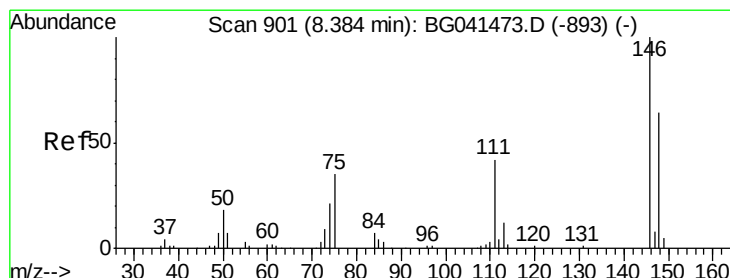
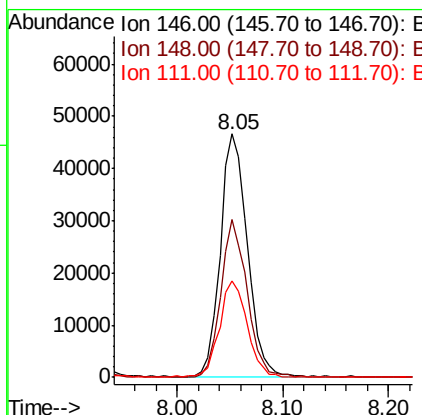
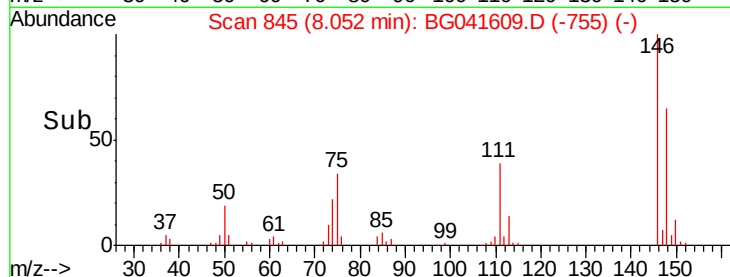
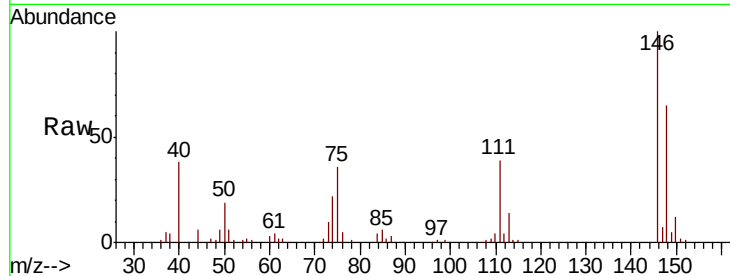




#13
 1,4-Dichlorobenzene
 Concen: 40.831 ng
 RT: 8.05 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

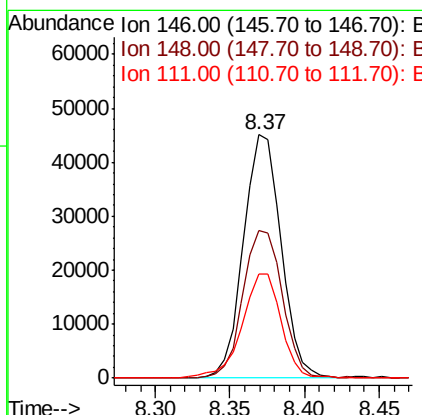
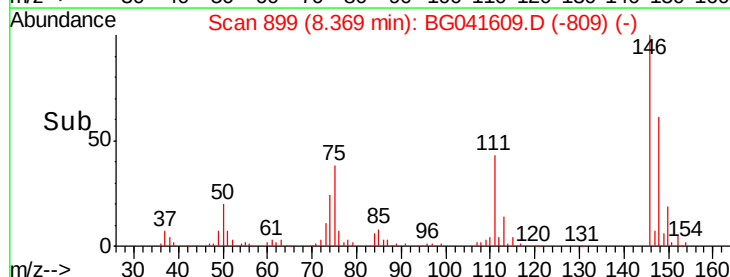
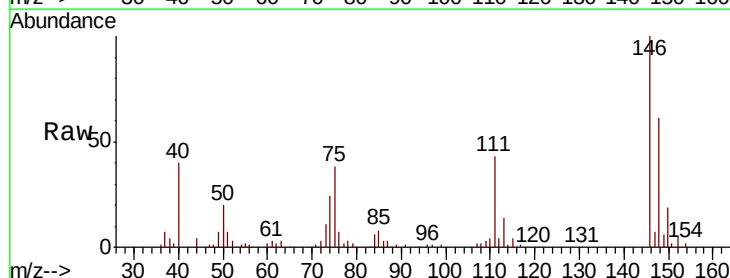
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

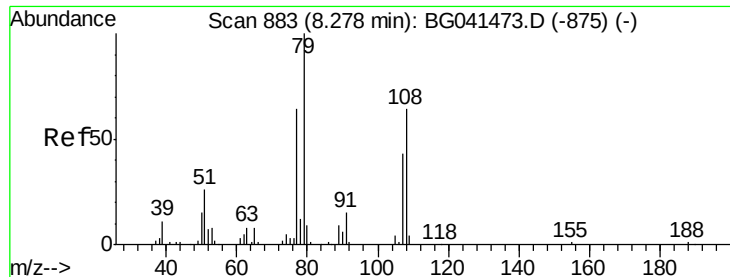
Tot Ion:146 Resp: 83331
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 111 39.5 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 40.289 ng
 RT: 8.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion:146 Resp: 78727
 Ion Ratio Lower Upper
 146 100
 148 60.7 48.6 72.8
 111 42.6 34.1 51.1





#15

Benzyl Alcohol

Concen: 37.129 ng

RT: 8.26 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

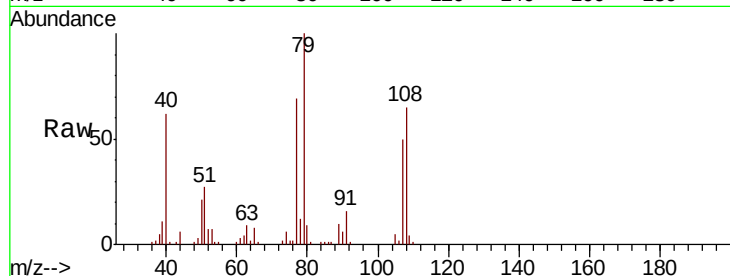
Tot Ion: 79 Resp: 58085

Ion Ratio Lower Upper

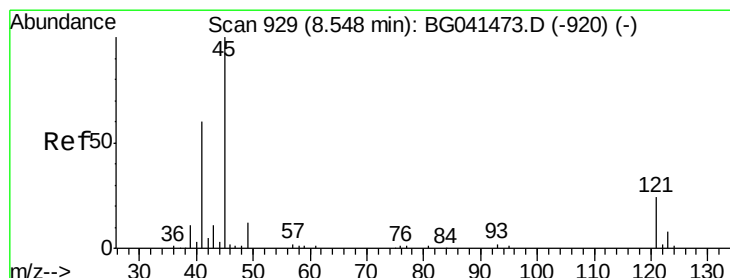
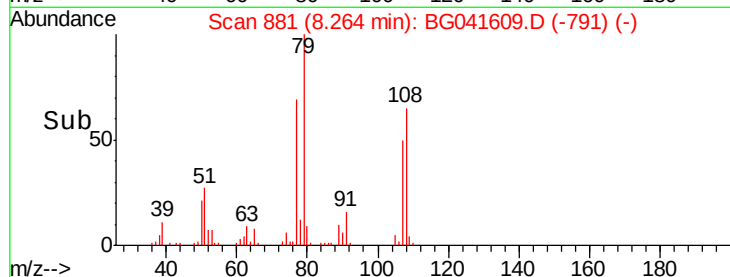
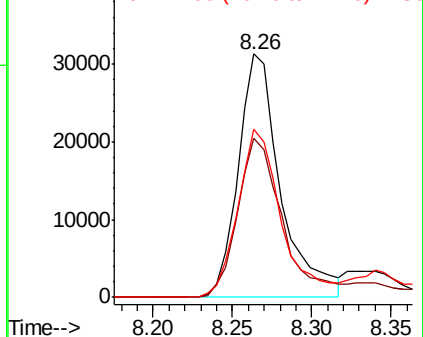
79 100

108 65.2 52.2 78.2

77 69.3 55.4 83.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.426 ng

RT: 8.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

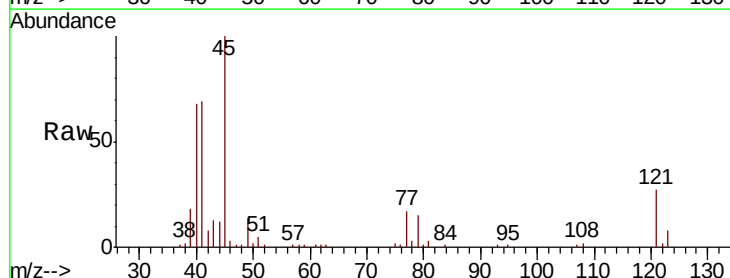
Tgt Ion: 45 Resp: 73699

Ion Ratio Lower Upper

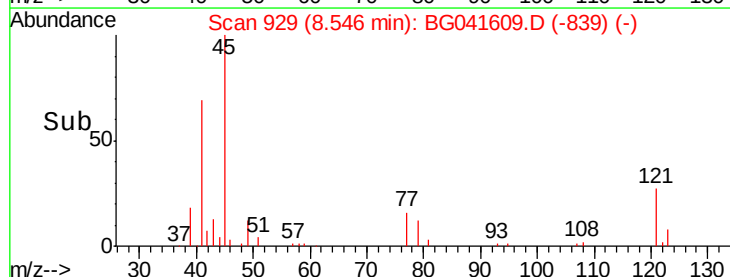
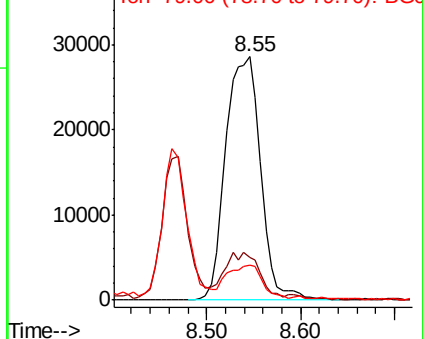
45 100

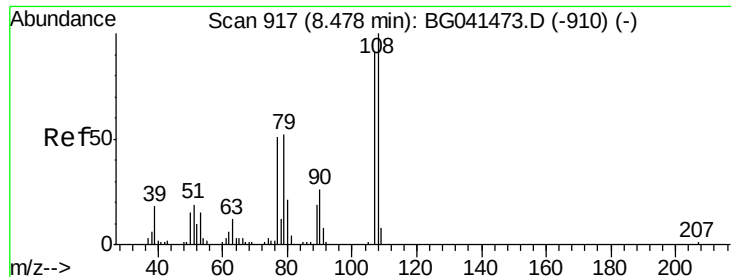
77 17.4 0.0 37.4

79 14.5 0.0 34.5



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

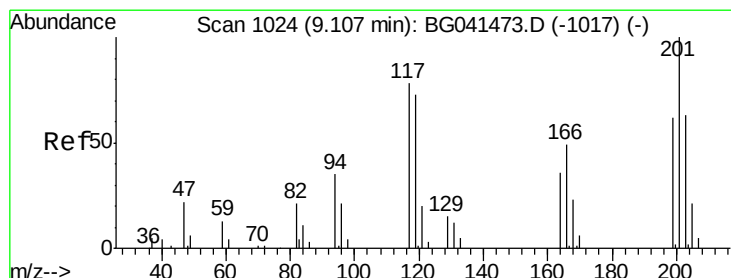
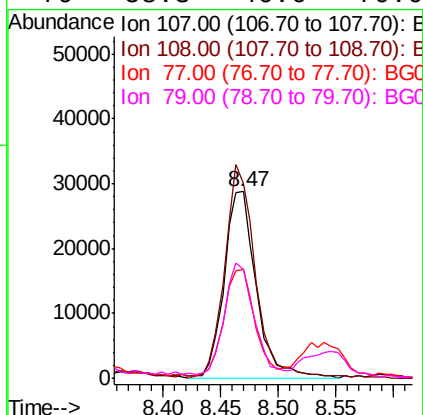
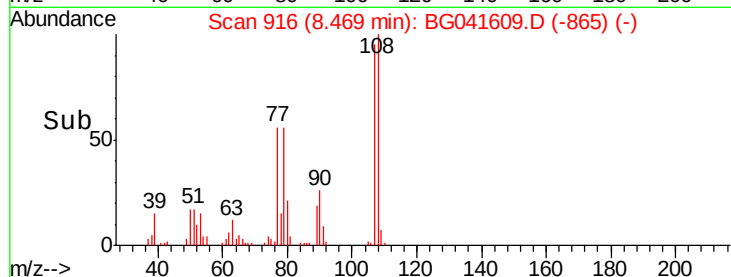
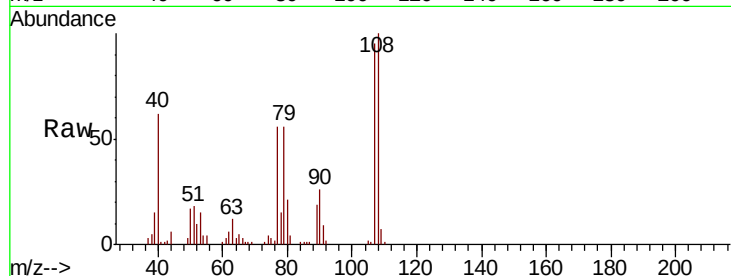




#17
2-Methylphenol
Concen: 38.615 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

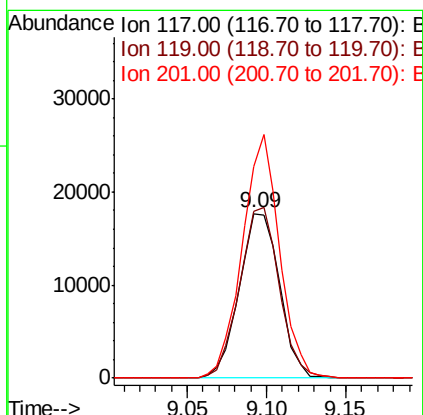
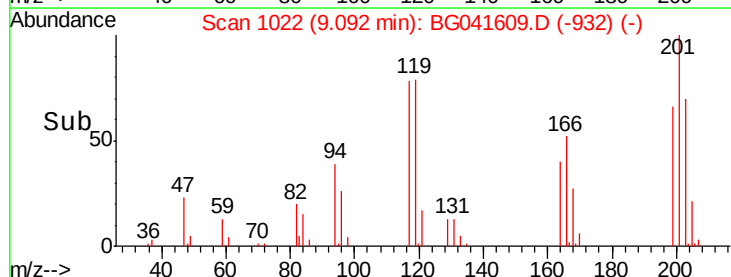
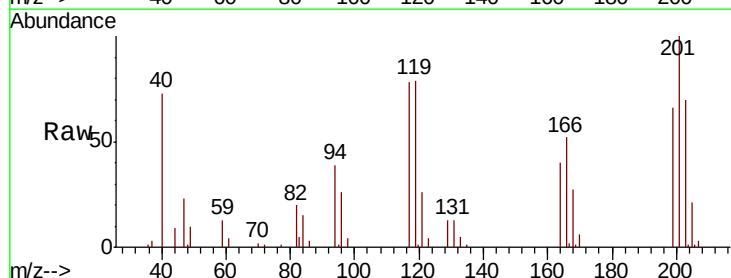
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

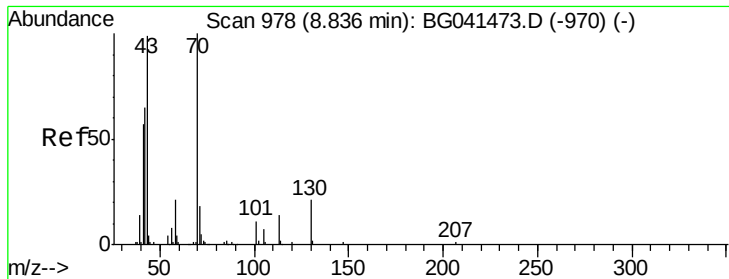
Tot Ion:	107	Resp:	55652
Ion	Ratio	Lower	Upper
107	100		
108	104.7	83.8	125.6
77	58.6	46.9	70.3
79	58.3	46.6	70.0



#18
Hexachloroethane
Concen: 38.721 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:	117	Resp:	31181
Ion	Ratio	Lower	Upper
117	100		
119	101.6	81.3	121.9
201	128.6	102.9	154.3

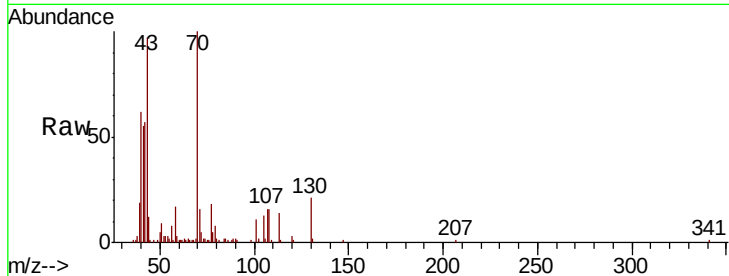




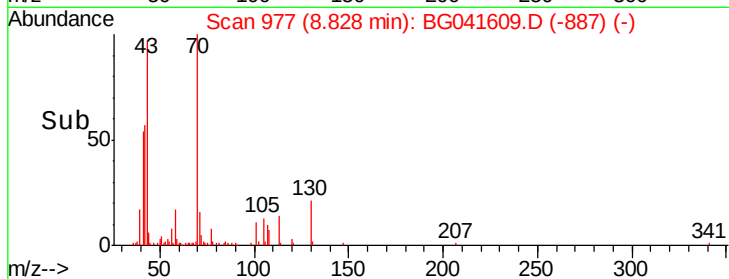
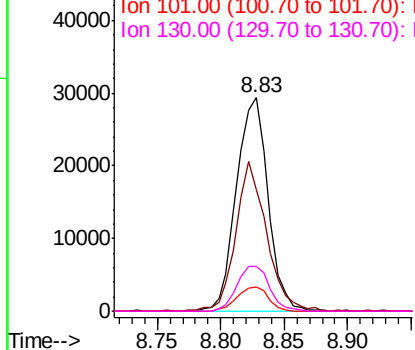
#19
n-Nitroso-di-n-propylamine
Concen: 34.689 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	50829
Ion	Ratio	Lower	Upper
70	100		
42	56.9	45.5	68.3
101	11.2	9.0	13.4
130	21.0	16.8	25.2

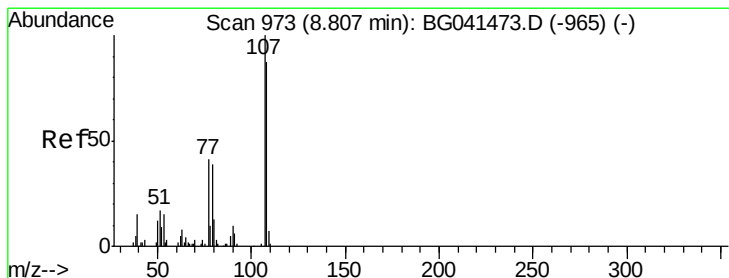


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

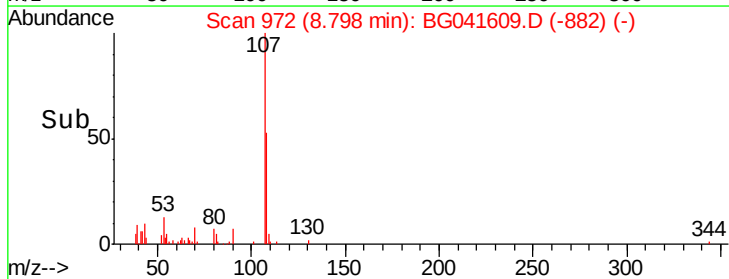
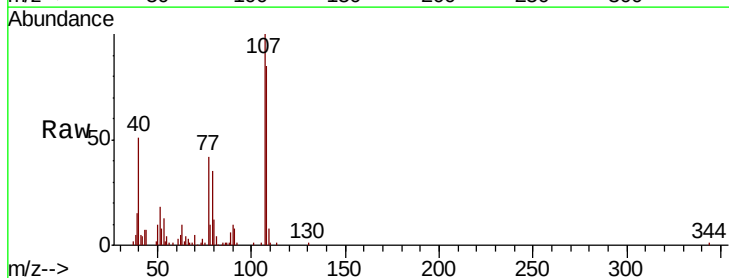
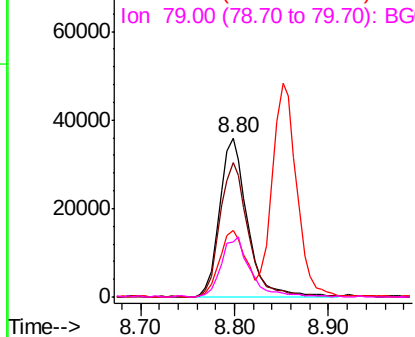


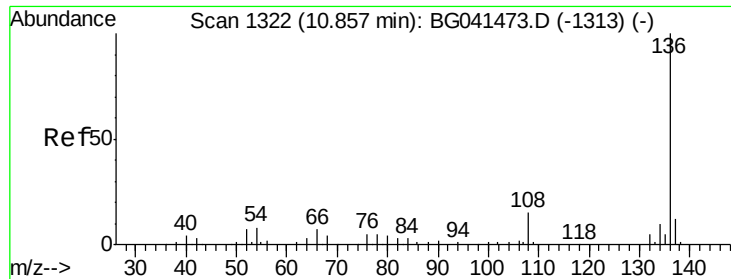
#20
3+4-Methylphenols
Concen: 38.526 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:	107	Resp:	74003
Ion	Ratio	Lower	Upper
107	100		
108	84.6	64.6	104.6
77	41.6	21.6	61.6
79	34.9	14.9	54.9



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

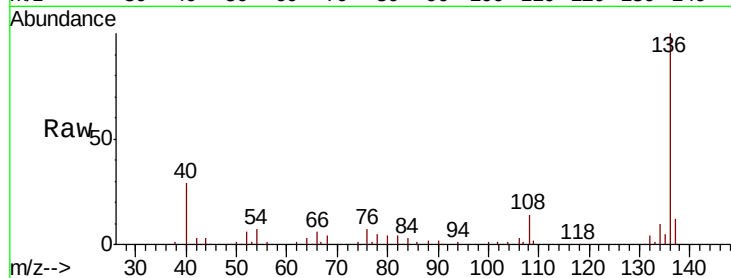




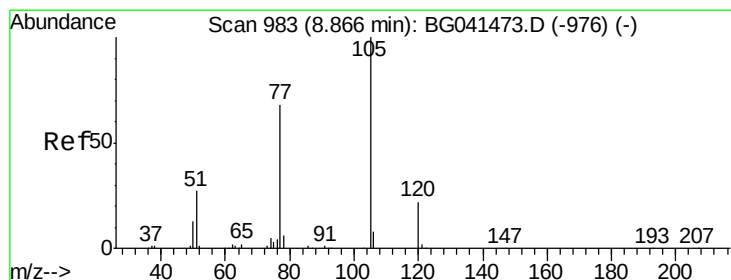
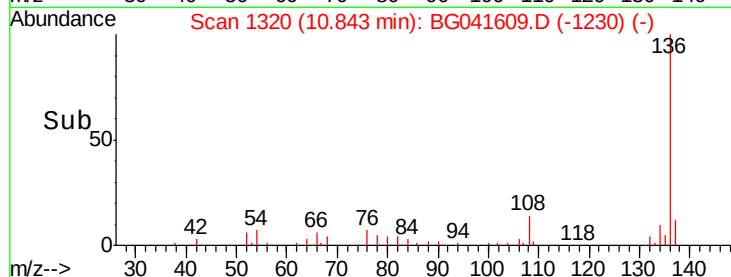
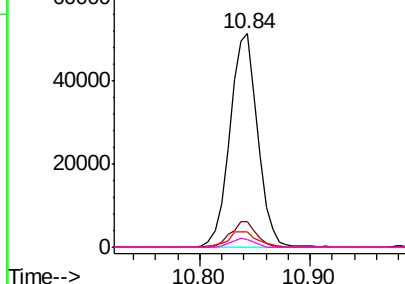
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	90536
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.4 14.2
54	7.5	6.0 9.0
68	3.6	2.9 4.3

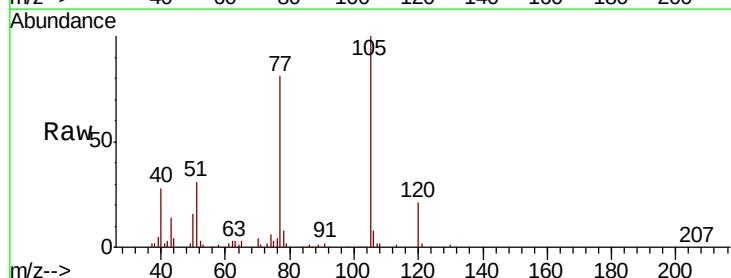


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

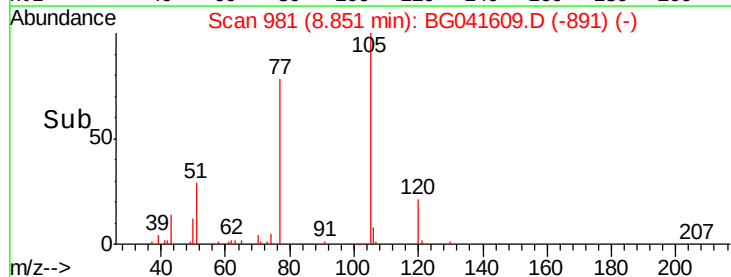
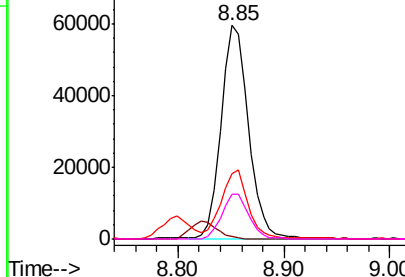


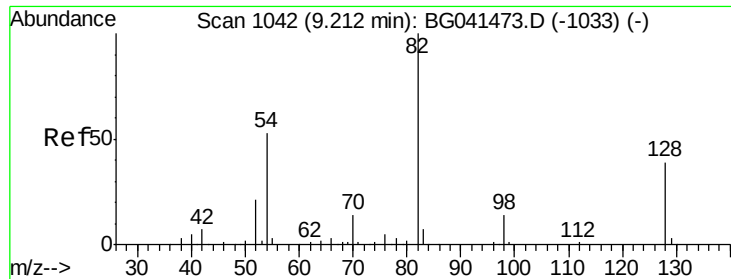
#22
Acetophenone
Concen: 39.689 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:105	Resp:	107783
Ion Ratio	Lower	Upper
105	100	
71	1.1	0.9 1.3
51	30.6	24.5 36.7
120	21.3	17.0 25.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

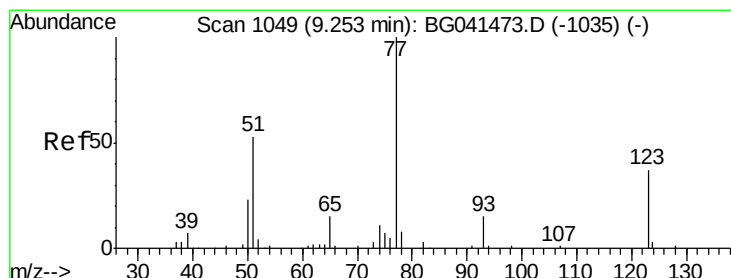
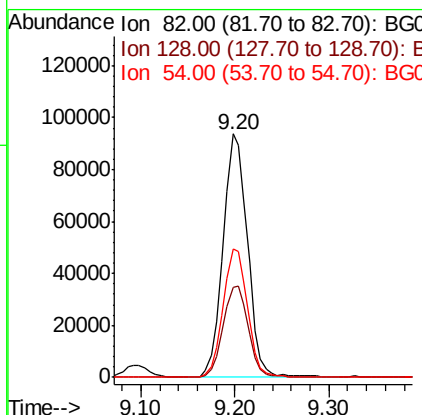
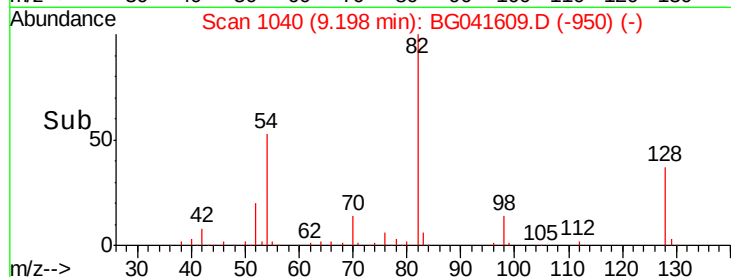
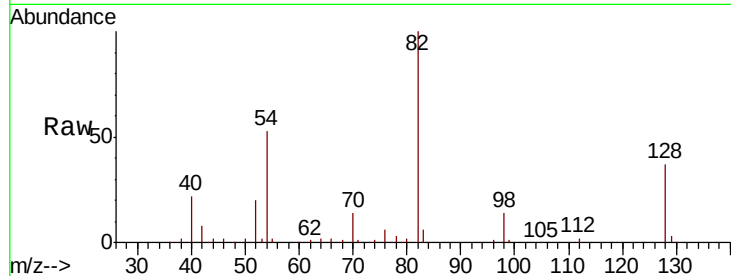




#23
 Nitrobenzene-d5
 Concen: 78.045 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

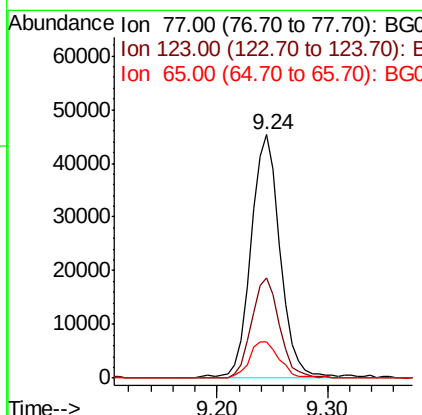
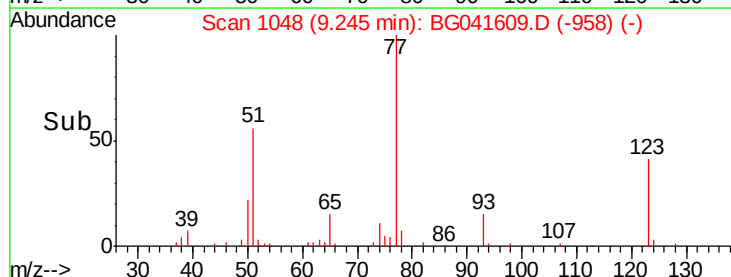
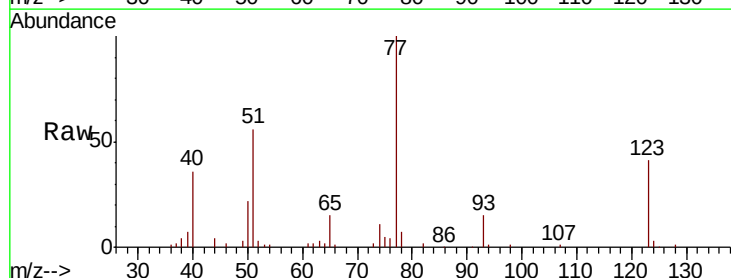
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

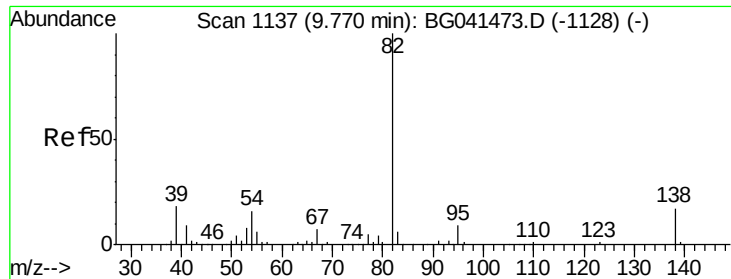
Tot Ion: 82 Resp: 169418
 Ion Ratio Lower Upper
 82 100
 128 36.9 29.5 44.3
 54 52.7 42.2 63.2



#24
 Nitrobenzene
 Concen: 38.647 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion: 77 Resp: 84208
 Ion Ratio Lower Upper
 77 100
 123 41.1 32.9 49.3
 65 15.1 12.1 18.1

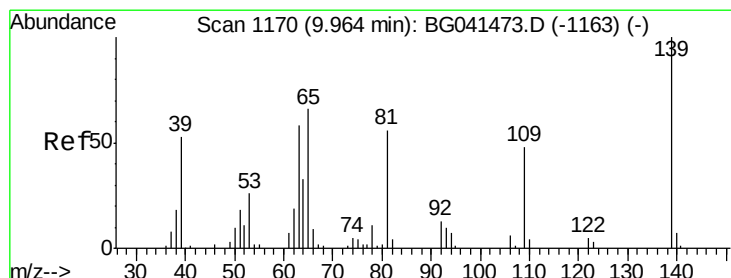
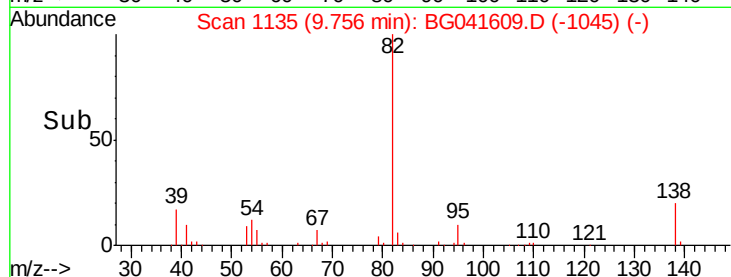
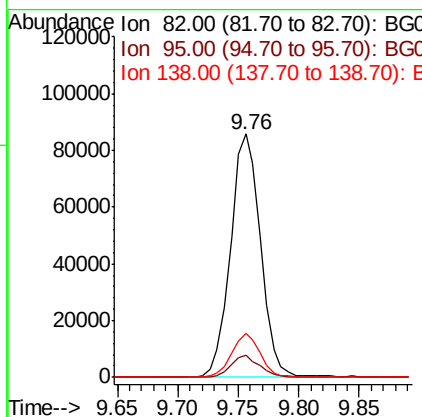
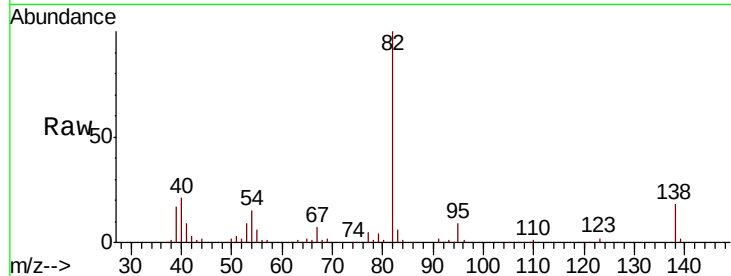




#25
Isophorone
Concen: 38.074 ng
RT: 9.76 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

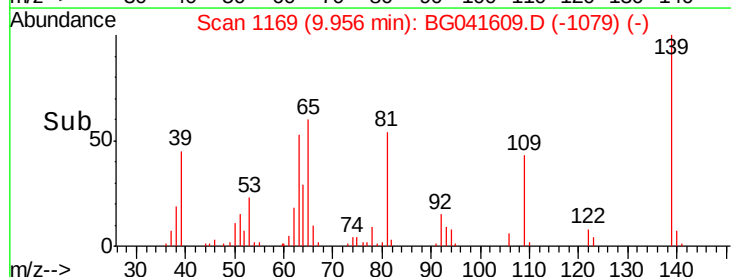
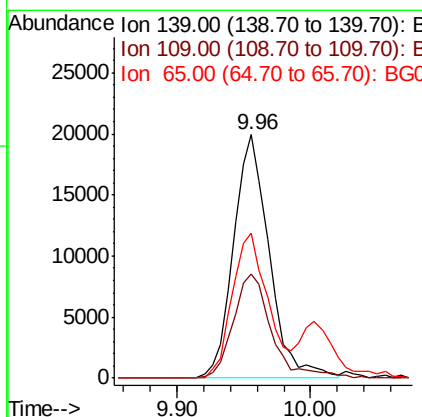
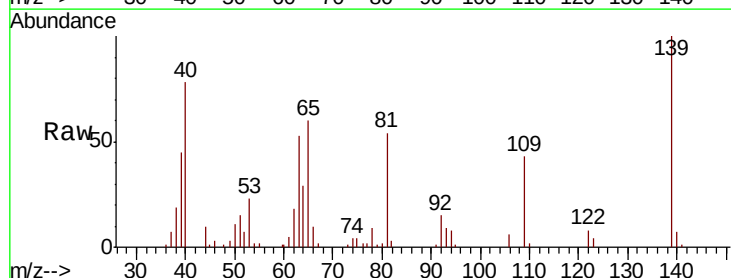
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

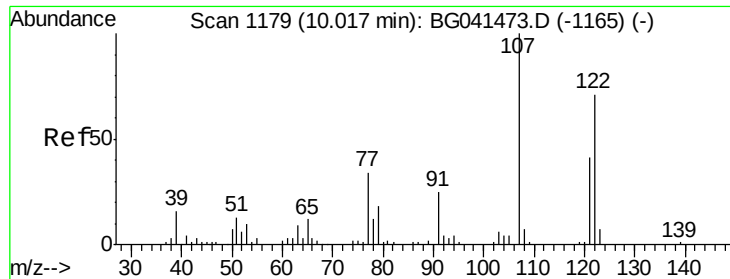
Tot Ion: 82 Resp: 148387
Ion Ratio Lower Upper
82 100
95 9.4 7.5 11.3
138 18.3 14.6 22.0



#26
2-Nitrophenol
Concen: 40.485 ng
RT: 9.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion: 139 Resp: 36840
Ion Ratio Lower Upper
139 100
109 42.6 34.1 51.1
65 59.6 47.7 71.5

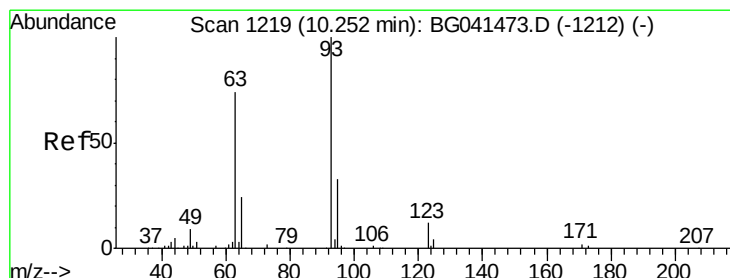
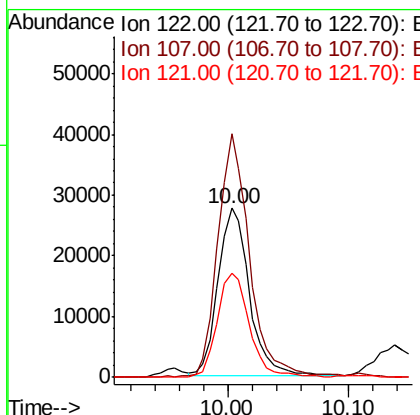
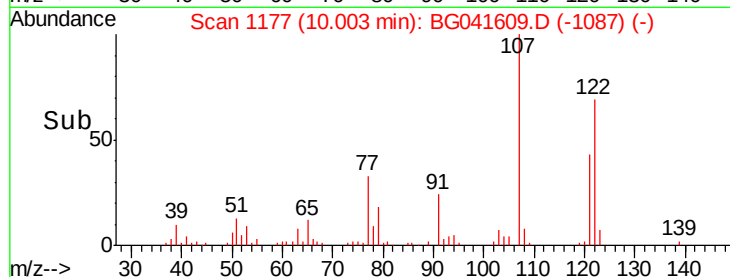
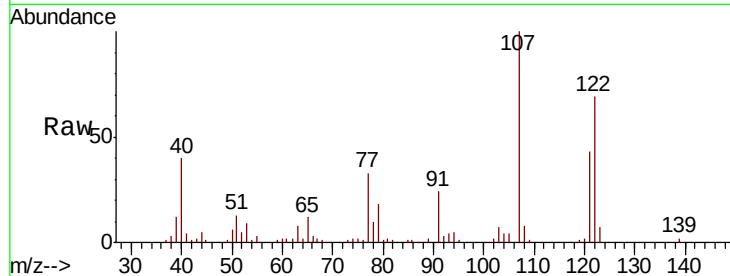




#27
 2,4-Dimethylphenol
 Concen: 39.298 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

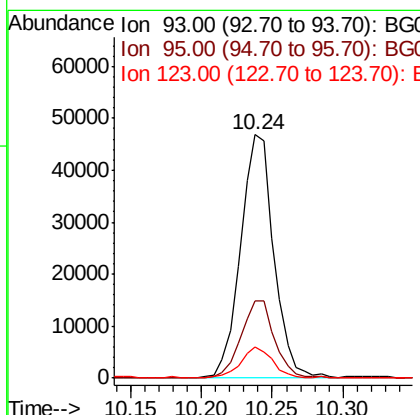
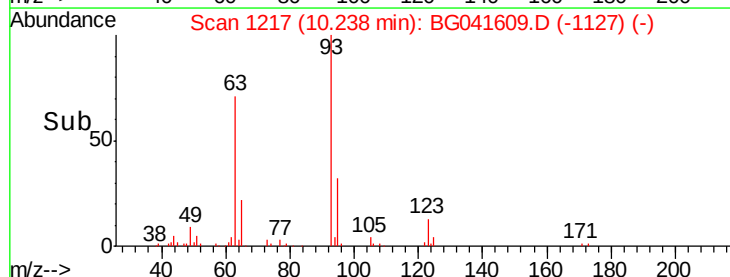
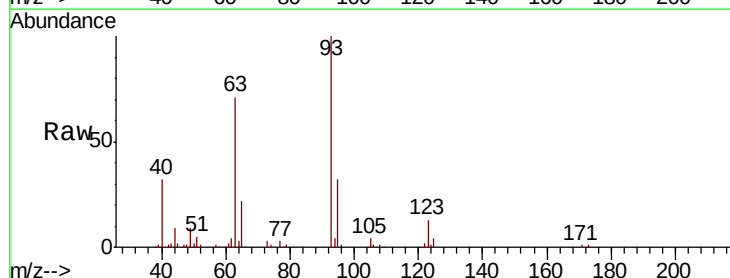
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

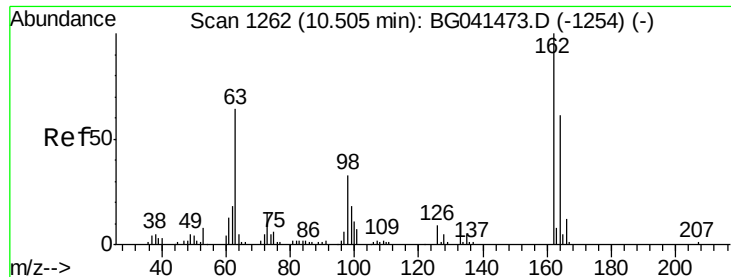
Tot Ion:122 Resp: 49770
 Ion Ratio Lower Upper
 122 100
 107 144.3 115.4 173.2
 121 61.7 49.4 74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.442 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion: 93 Resp: 77163
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.5 38.3
 123 12.7 10.2 15.2

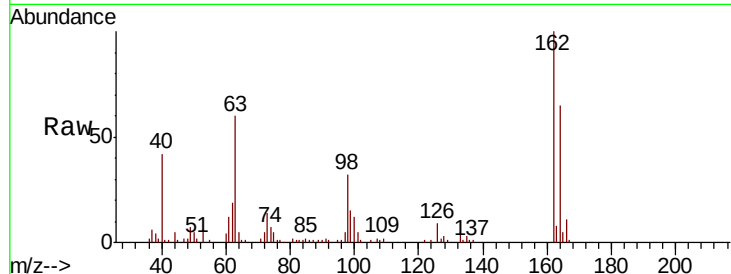




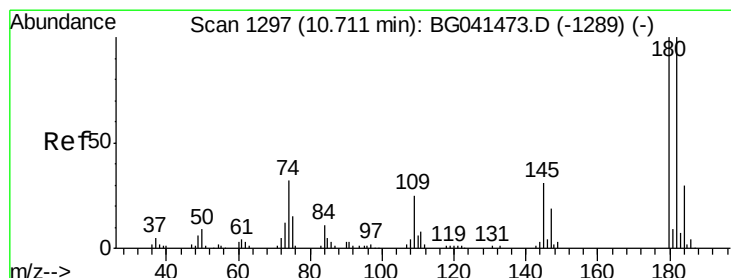
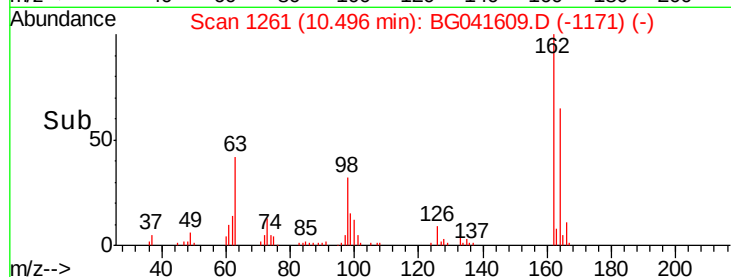
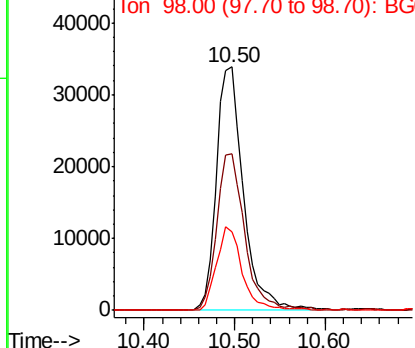
#29
 2,4-Dichlorophenol
 Concen: 40.911 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 69983
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.6 84.6
 98 32.4 12.4 52.4

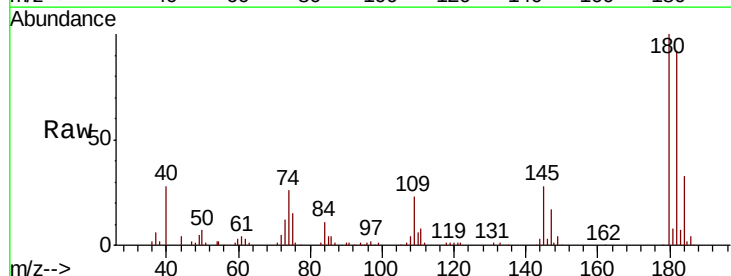


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

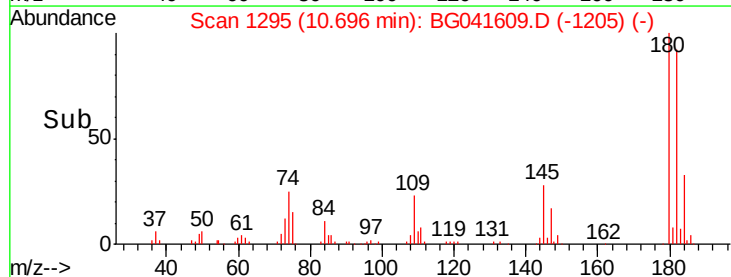
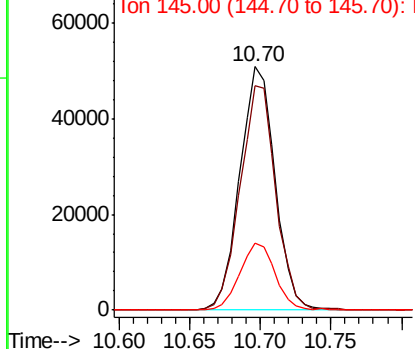


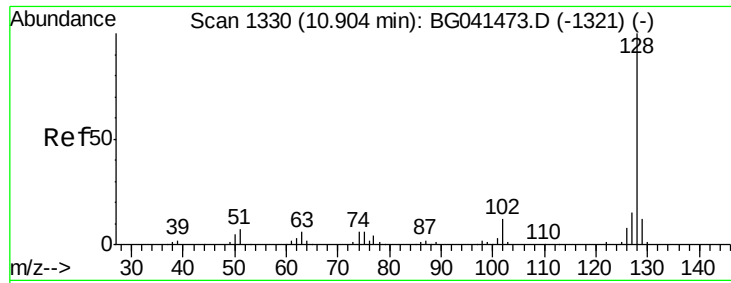
#30
 1,2,4-Trichlorobenzene
 Concen: 40.461 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion:180 Resp: 88711
 Ion Ratio Lower Upper
 180 100
 182 92.2 73.8 110.6
 145 27.7 22.2 33.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

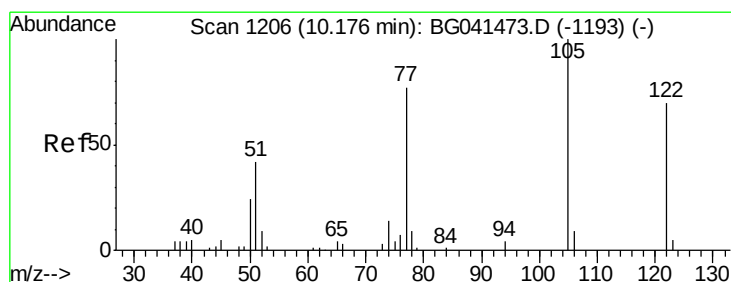
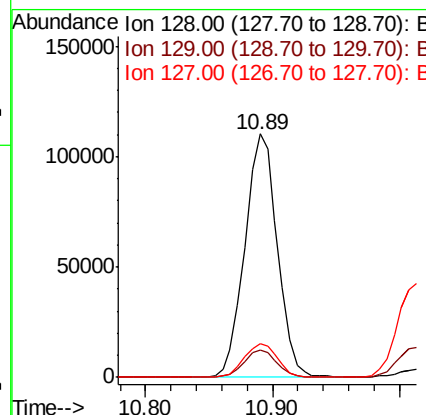
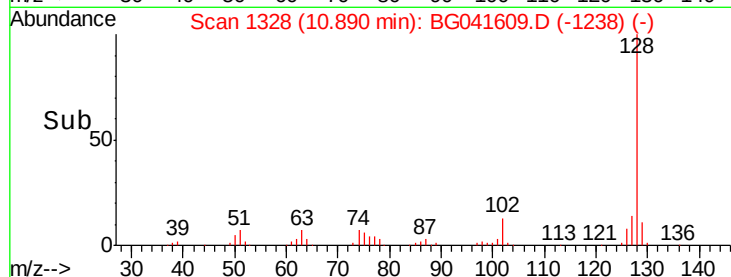
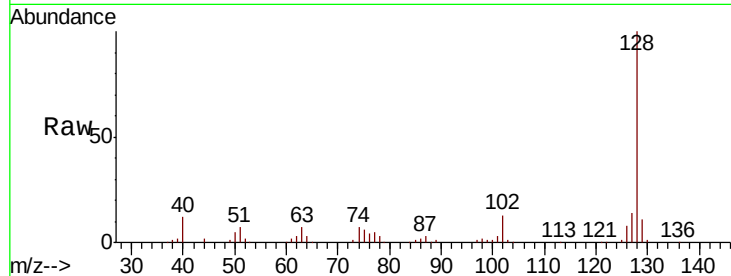




#31
Naphthalene
Concen: 39.186 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

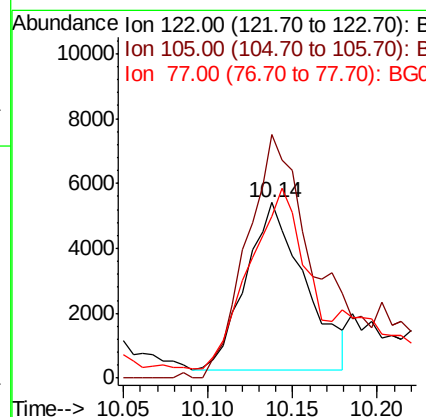
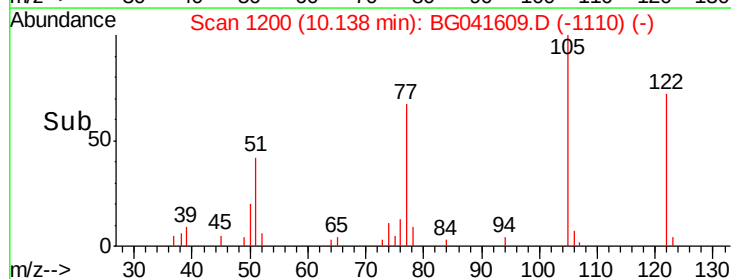
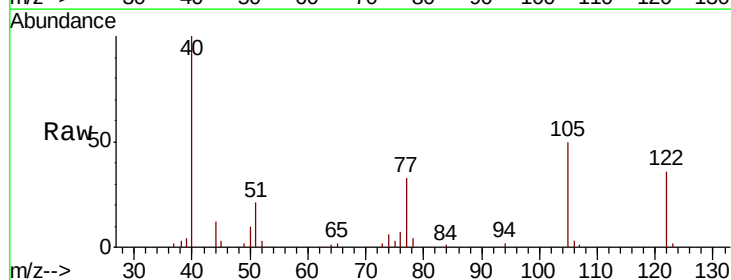
Instrument :
BNA_G
ClientSampled :
SSTDCCC040

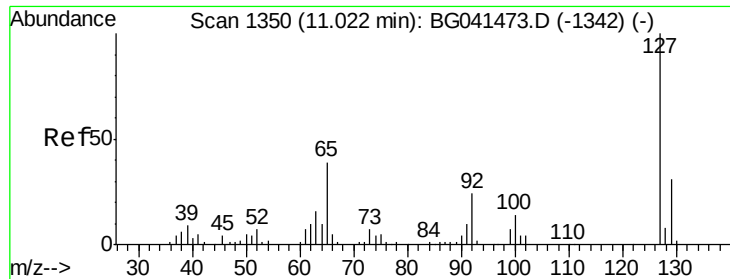
Tot Ion:128 Resp: 196201
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 24.076 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:122 Resp: 12588
Ion Ratio Lower Upper
122 100
105 138.7 118.7 158.7
77 92.2 72.2 112.2

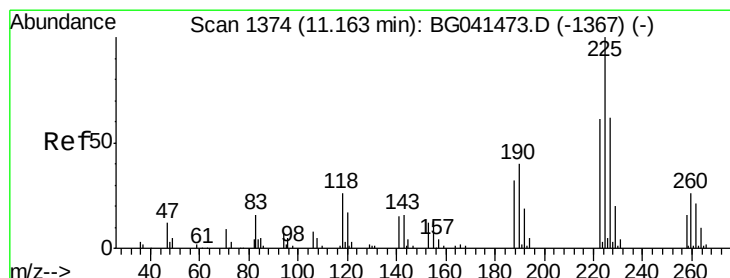
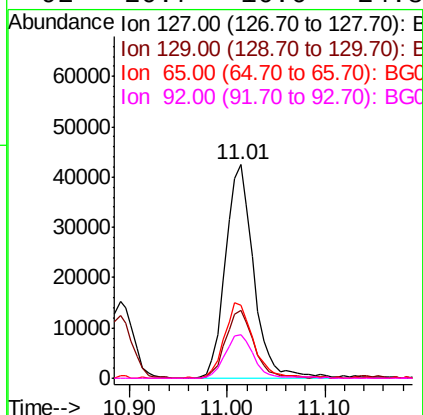
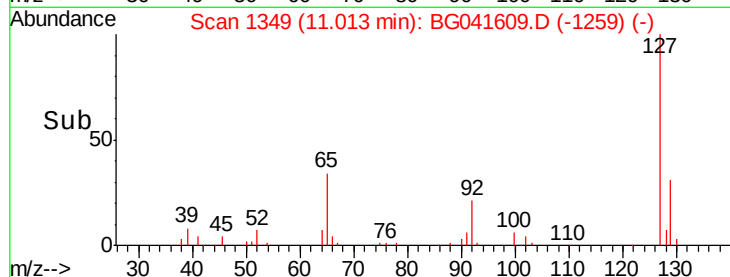
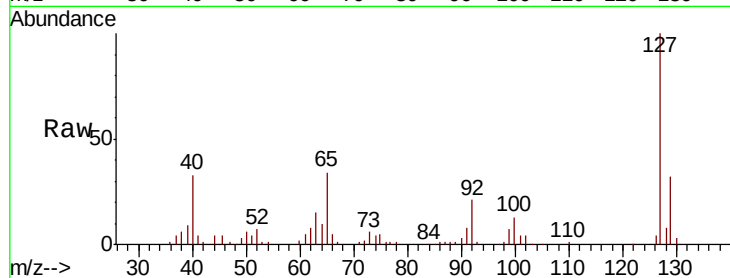




#33
4-Chloroaniline
Concen: 40.518 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

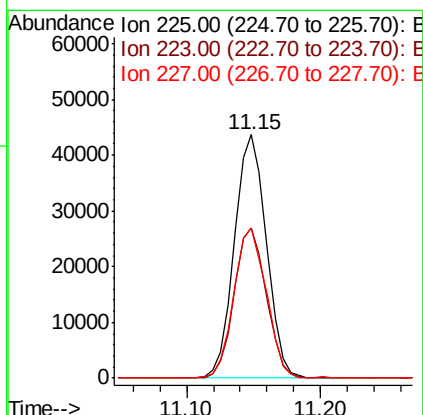
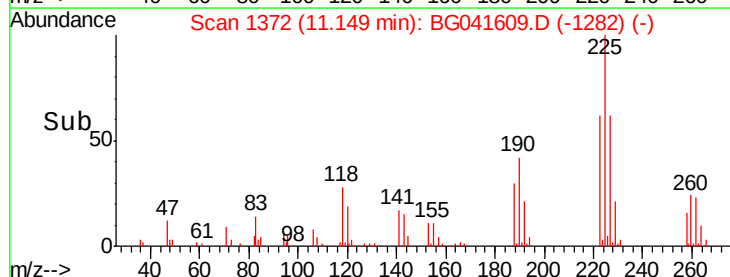
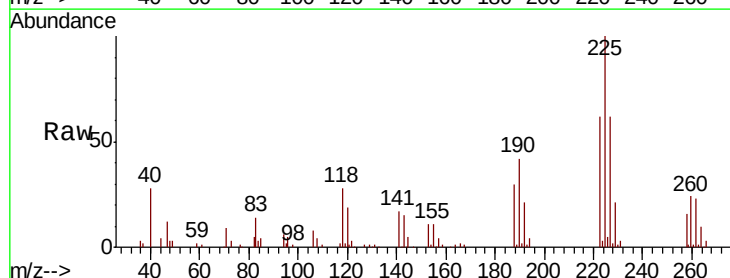
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

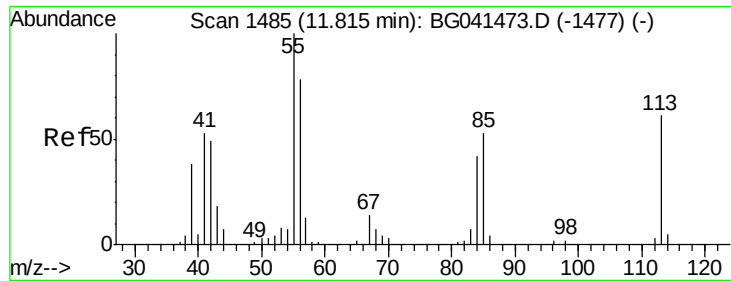
Tot Ion:127	Resp:	85398
Ion	Ratio	Lower Upper
127	100	
129	31.7	25.4 38.0
65	33.9	27.1 40.7
92	20.7	16.6 24.8



#34
Hexachlorobutadiene
Concen: 41.566 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:225	Resp:	72341
Ion	Ratio	Lower Upper
225	100	
223	61.8	49.4 74.2
227	61.6	49.3 73.9

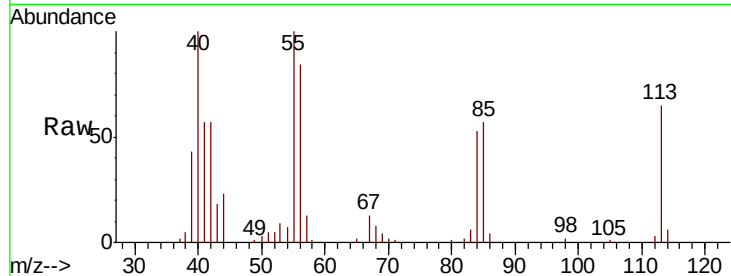




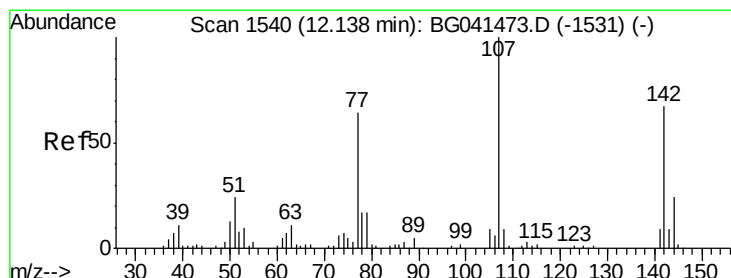
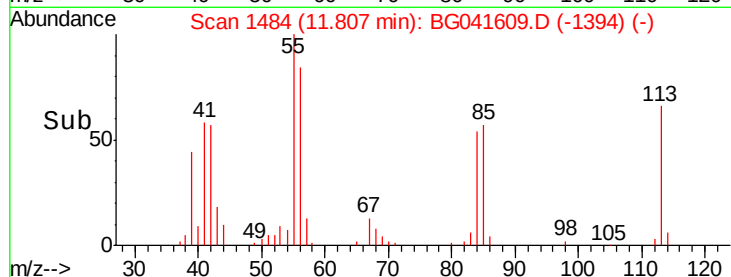
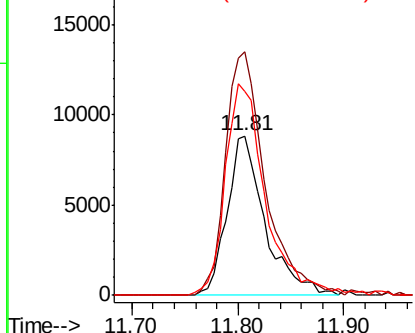
#35
 Caprolactam
 Concen: 41.016 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 21908
 Ion Ratio Lower Upper
 113 100
 55 152.6 132.6 172.6
 56 127.8 107.8 147.8

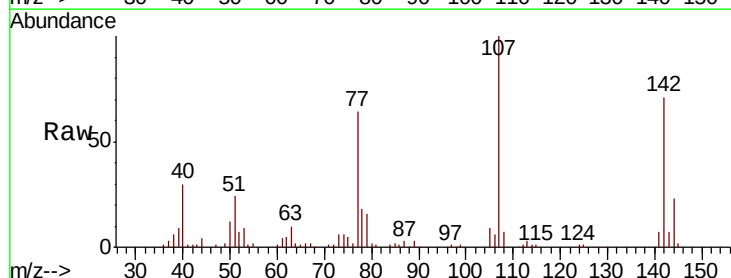


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

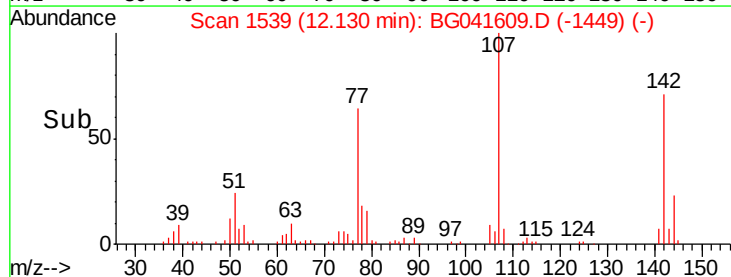
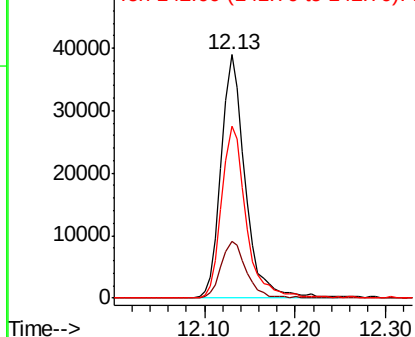


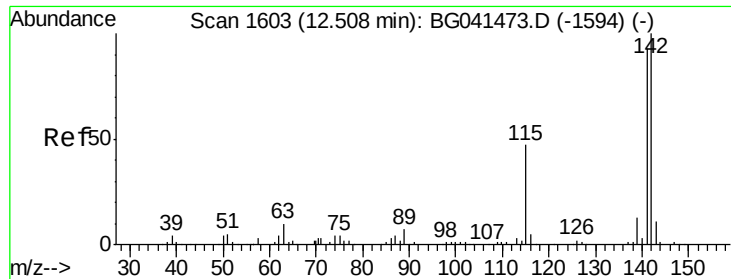
#36
 4-Chloro-3-methylphenol
 Concen: 38.782 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion:107 Resp: 71881
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.6 27.8
 142 70.6 56.5 84.7



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

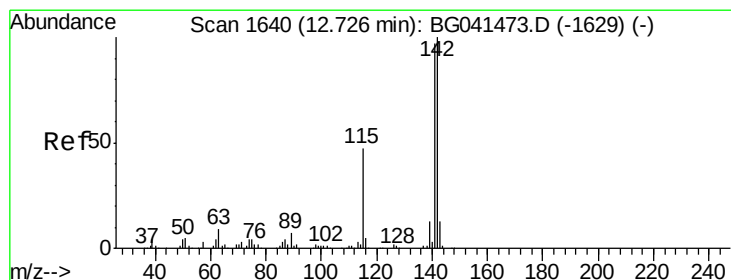
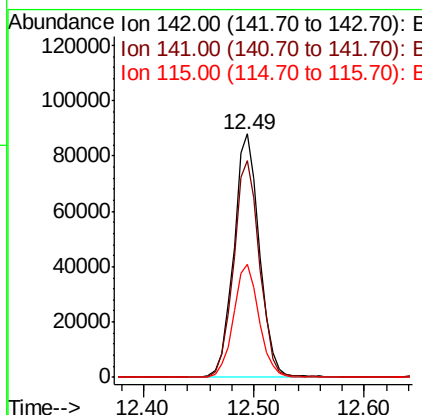
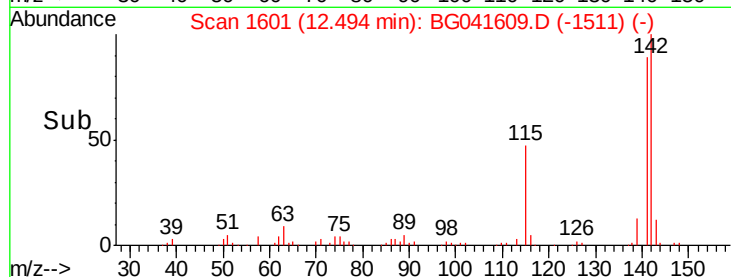
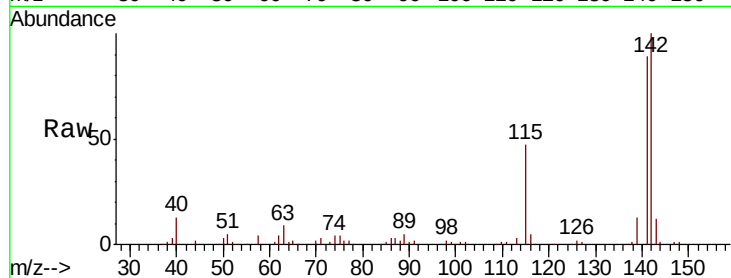




#37
 2-Methylnaphthalene
 Concen: 38.747 ng
 RT: 12.49 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

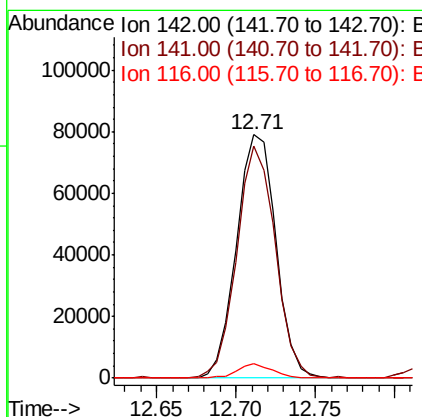
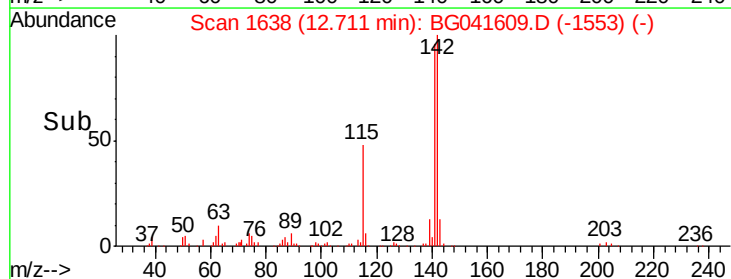
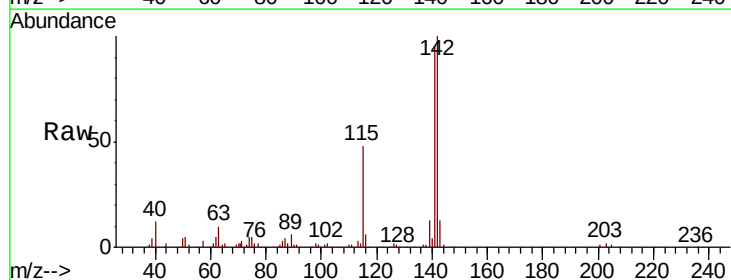
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

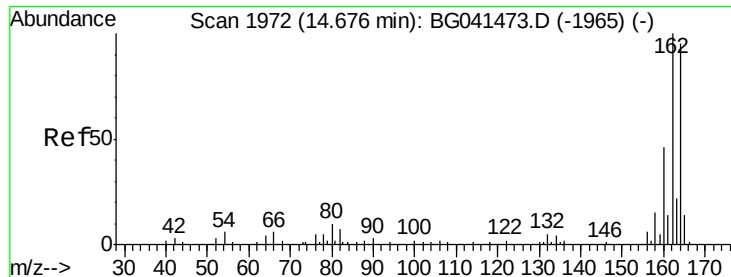
Tot Ion:142 Resp: 143326
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.1 106.7
 115 46.5 37.2 55.8



#38
 1-Methylnaphthalene
 Concen: 38.655 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion:142 Resp: 136412
 Ion Ratio Lower Upper
 142 100
 141 95.4 76.3 114.5
 116 5.8 4.6 7.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

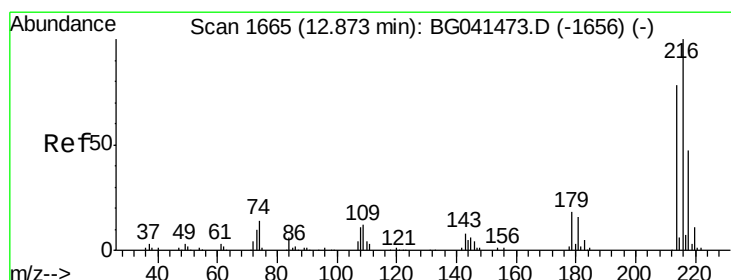
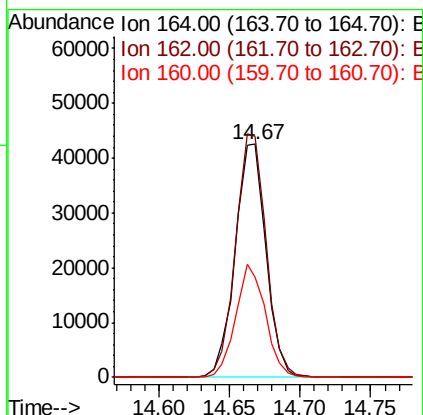
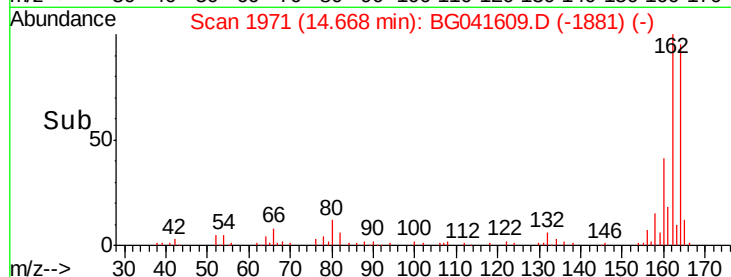
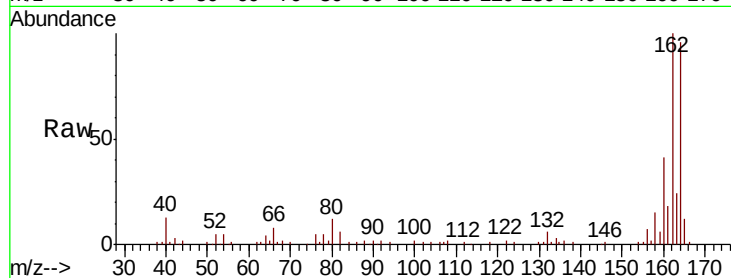
Tot Ion:164 Resp: 64671

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 42.8 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.156 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Tgt Ion:216 Resp: 114353

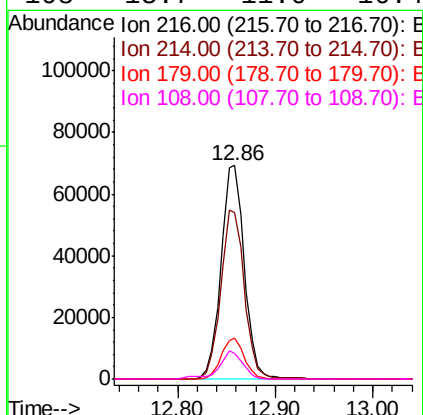
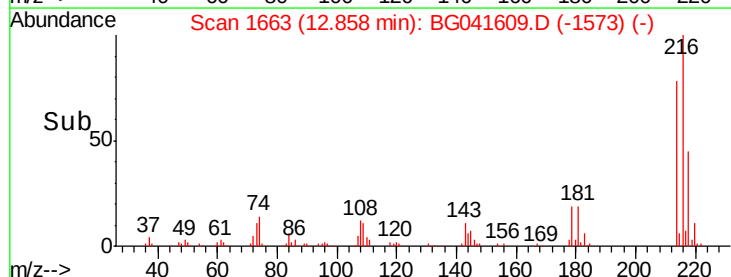
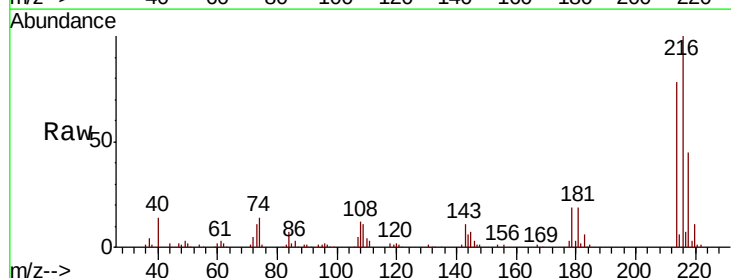
Ion Ratio Lower Upper

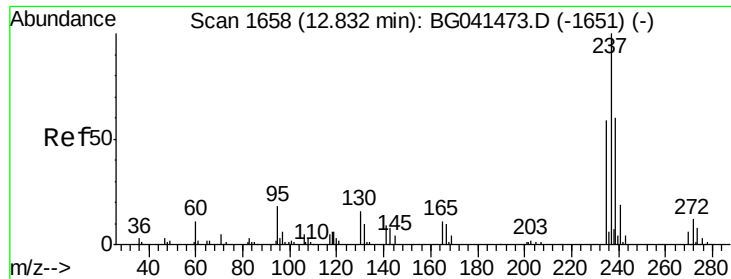
216 100

214 79.7 63.8 95.6

179 18.8 15.0 22.6

108 13.7 11.0 16.4





#41

Hexachlorocyclopentadiene

Concen: 37.296 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

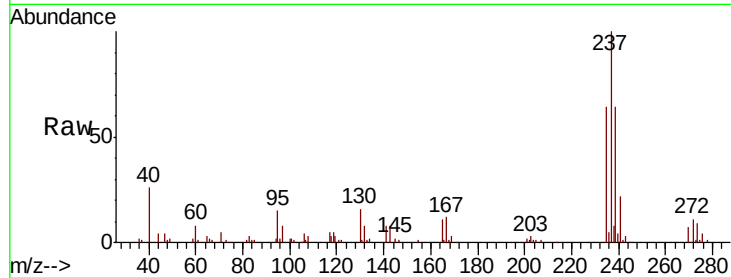
Tot Ion:237 Resp: 54473

Ion Ratio Lower Upper

237 100

235 63.7 43.7 83.7

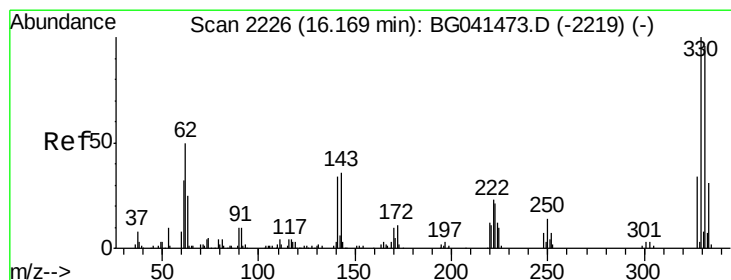
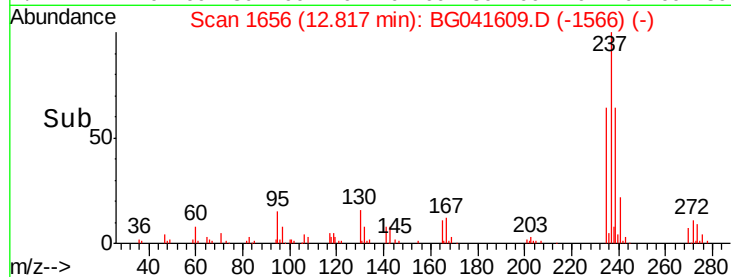
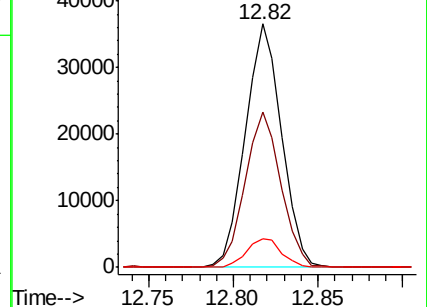
272 11.5 0.0 31.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.841 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

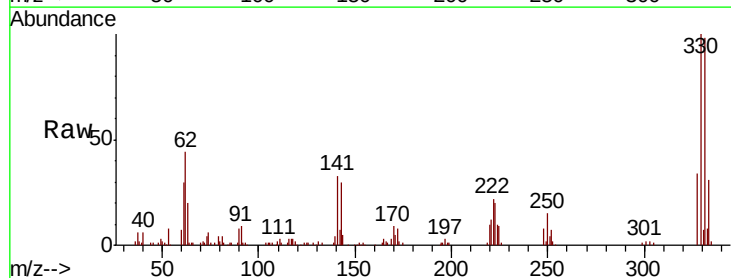
Tgt Ion:330 Resp: 91474

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

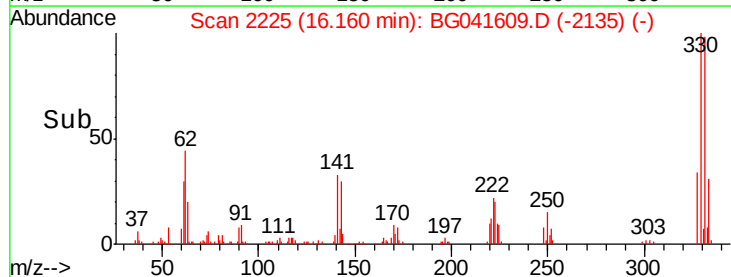
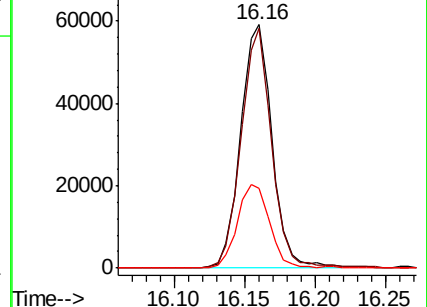
141 35.5 28.4 42.6

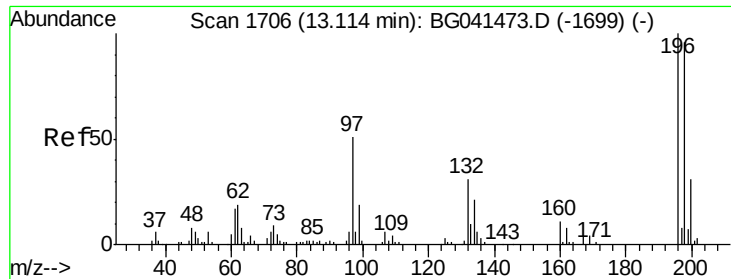


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

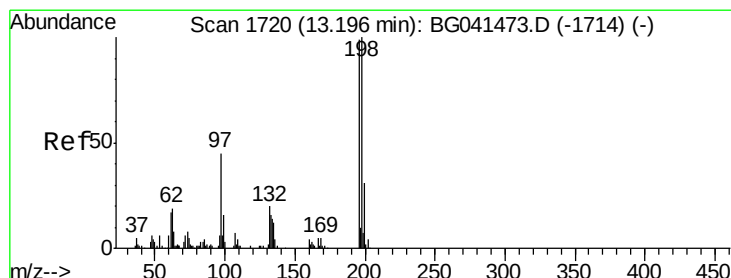
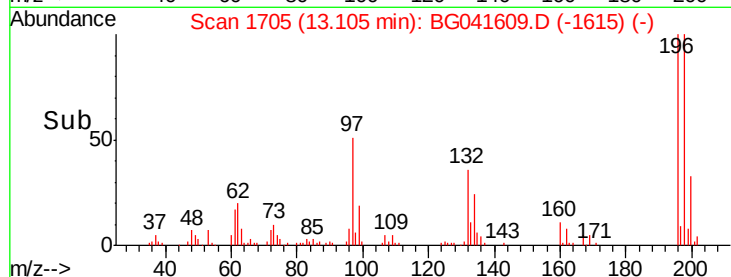
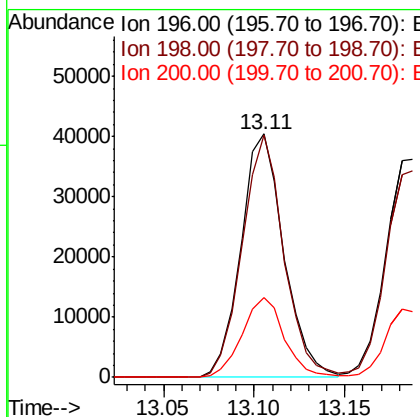
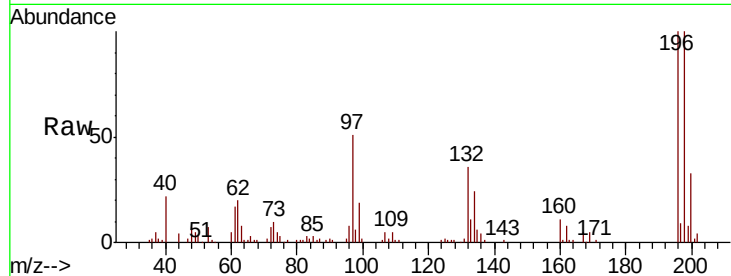




#43
 2,4,6-Trichlorophenol
 Concen: 39.413 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

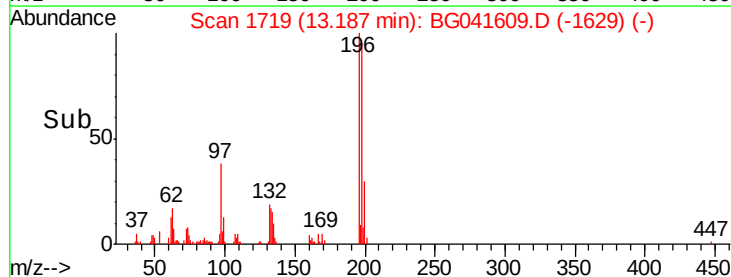
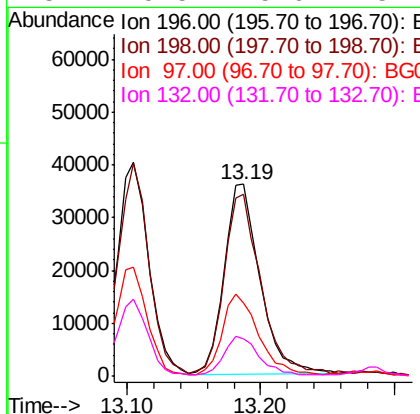
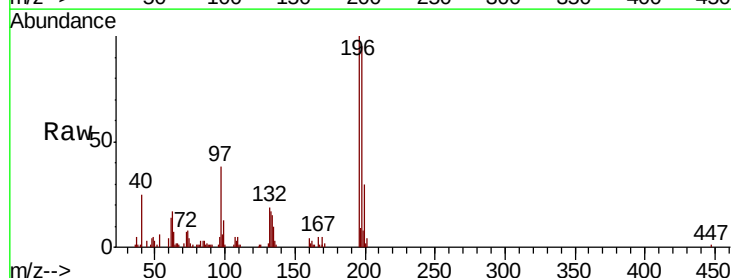
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

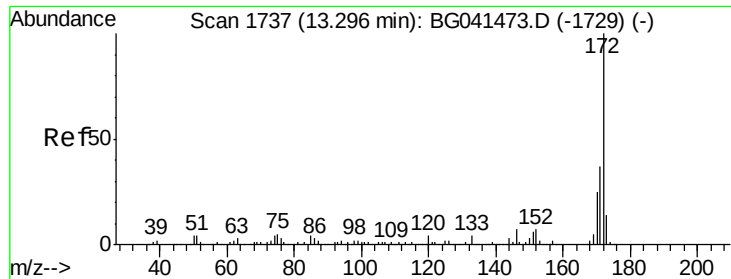
Tot Ion:196 Resp: 66590
 Ion Ratio Lower Upper
 196 100
 198 99.8 79.8 119.8
 200 32.8 26.2 39.4



#44
 2,4,5-Trichlorophenol
 Concen: 40.150 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion:196 Resp: 67581
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.6 113.4
 97 37.9 30.3 45.5
 132 19.5 15.6 23.4

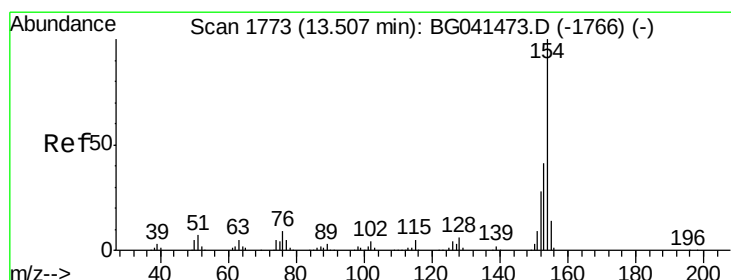
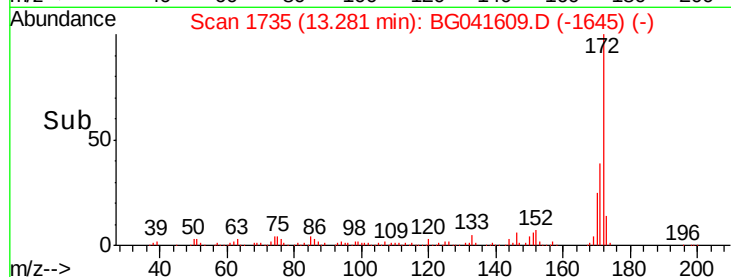
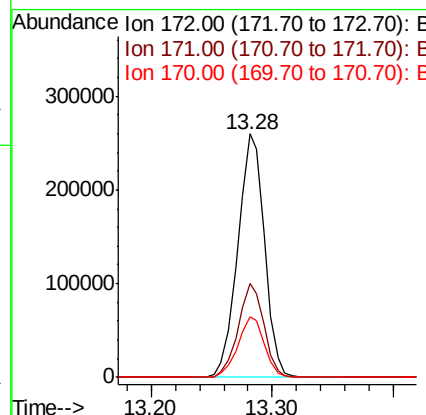
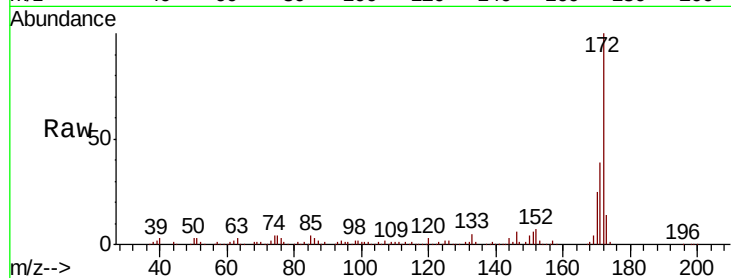




#45
2-Fluorobiphenyl
Concen: 79.215 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

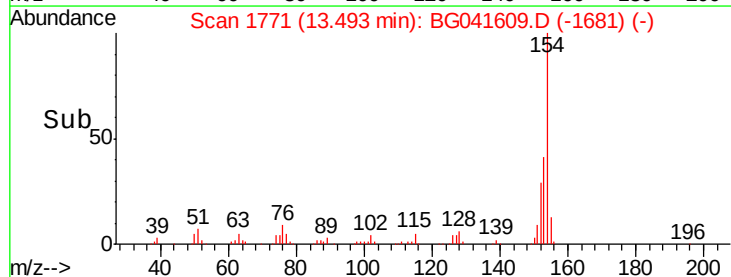
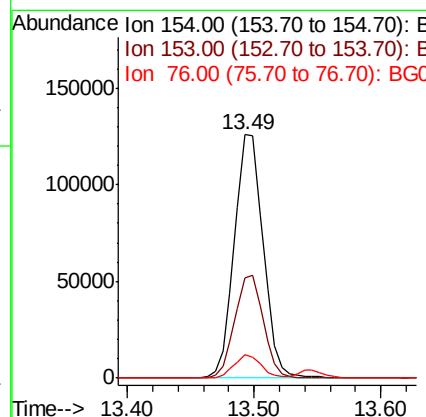
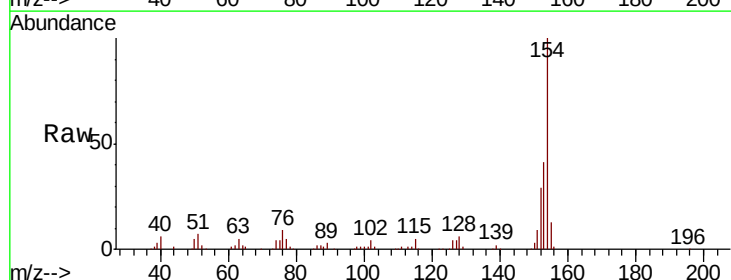
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

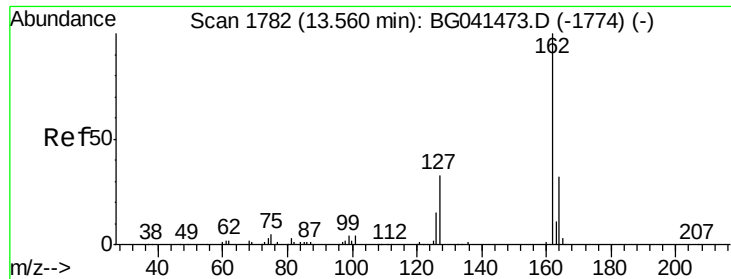
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.9	46.3
170	25.0	20.0	30.0



#46
1,1'-Biphenyl
Concen: 38.754 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	9.5	0.0	29.5

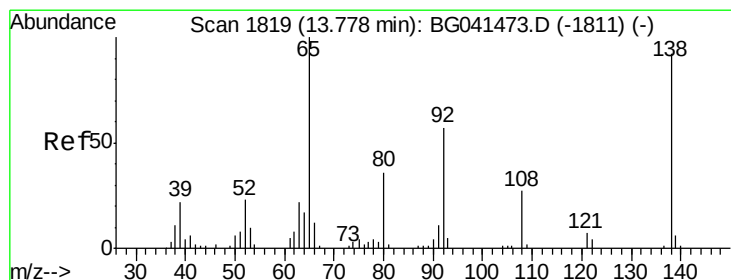
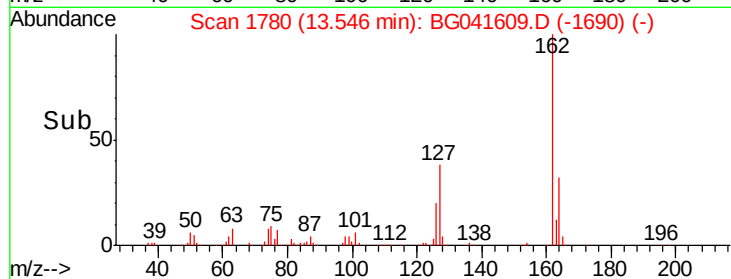
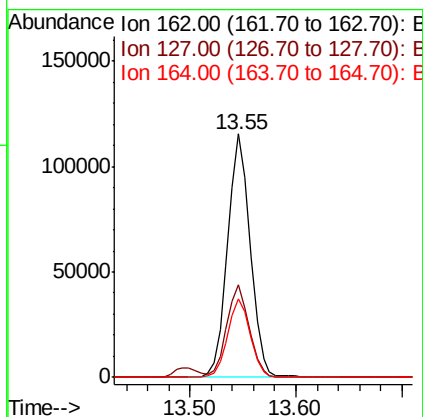
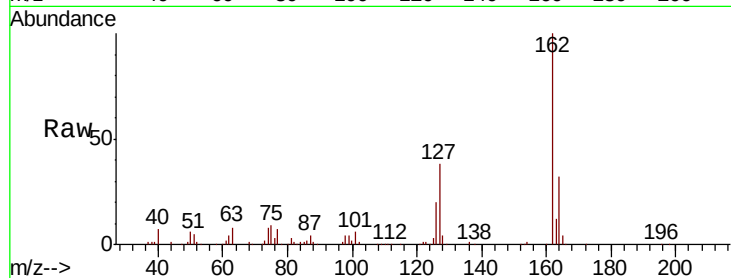




#47
 2-Chloronaphthalene
 Concen: 38.821 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

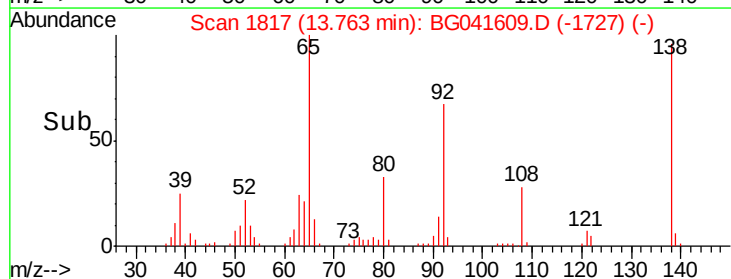
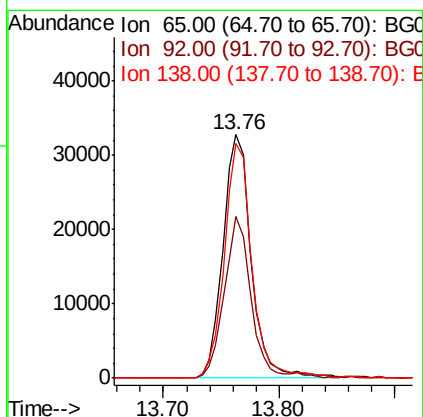
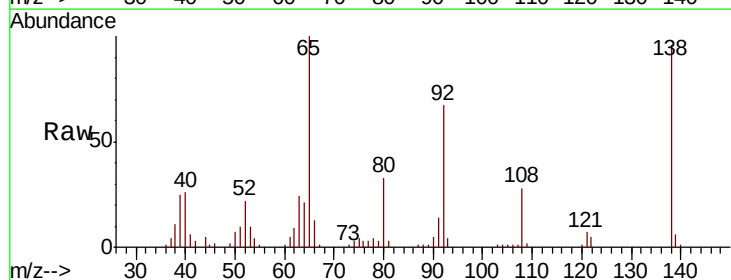
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

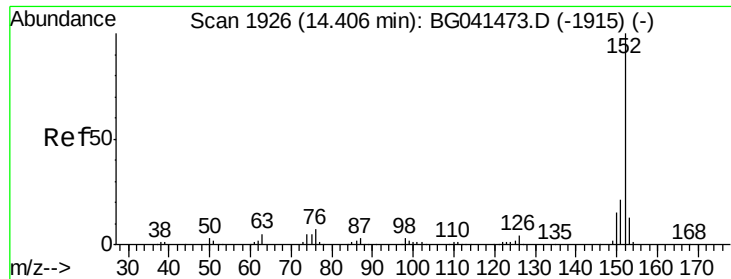
Tot Ion:162 Resp: 170146
 Ion Ratio Lower Upper
 162 100
 127 37.9 30.3 45.5
 164 32.4 25.9 38.9



#48
 2-Nitroaniline
 Concen: 37.394 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion: 65 Resp: 55558
 Ion Ratio Lower Upper
 65 100
 92 66.6 53.3 79.9
 138 96.2 77.0 115.4





#49

Acenaphthylene

Concen: 38.226 ng

RT: 14.39 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

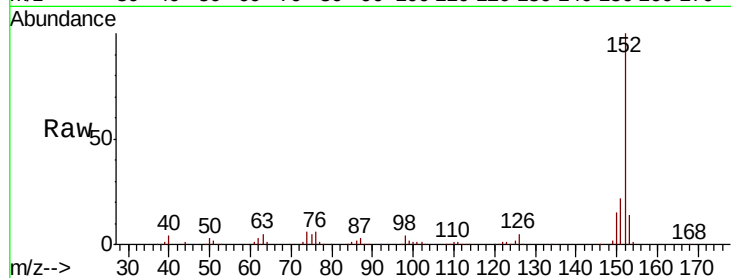
Tot Ion:152 Resp: 250421

Ion Ratio Lower Upper

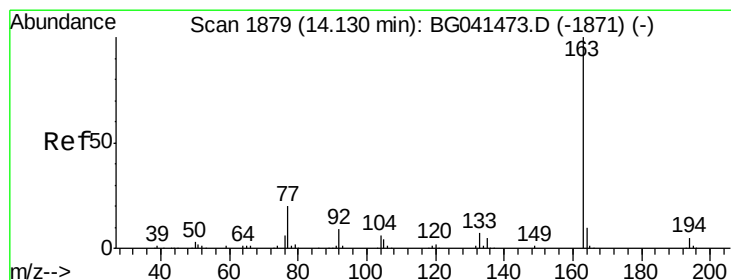
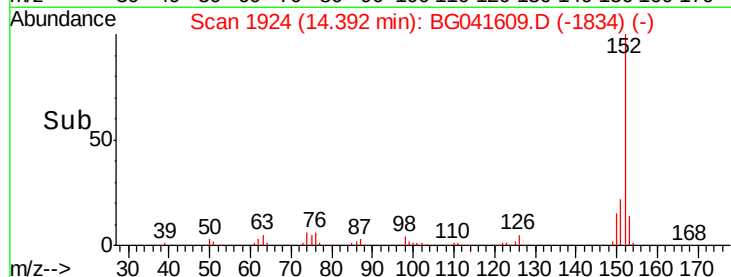
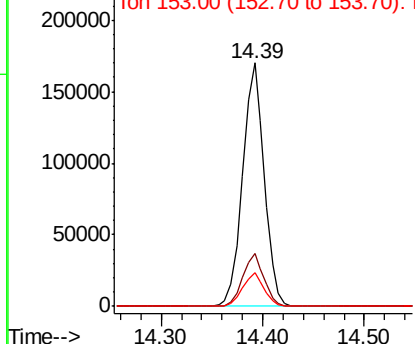
152 100

151 21.6 17.3 25.9

153 14.0 11.2 16.8



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



#50

Dimethylphthalate

Concen: 38.819 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

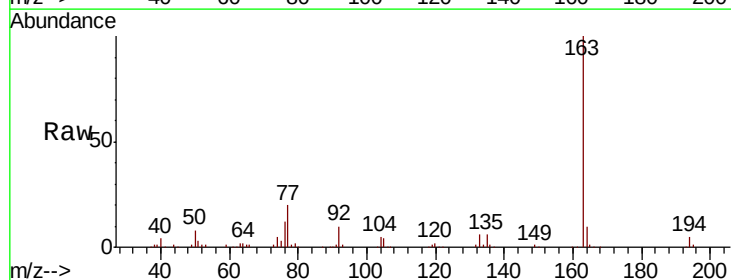
Tgt Ion:163 Resp: 228456

Ion Ratio Lower Upper

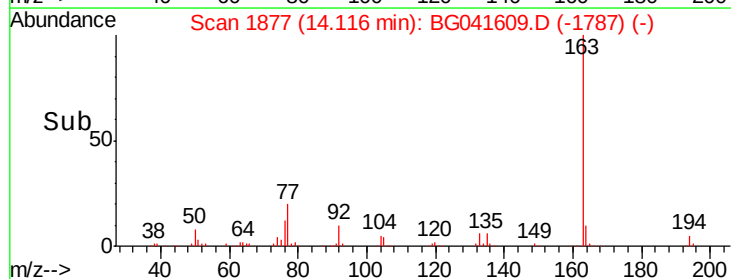
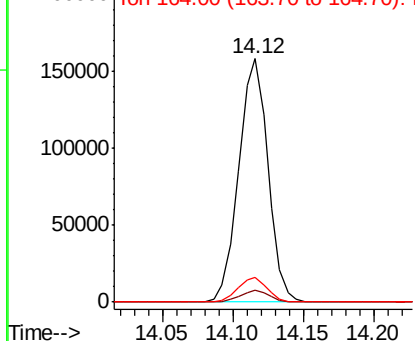
163 100

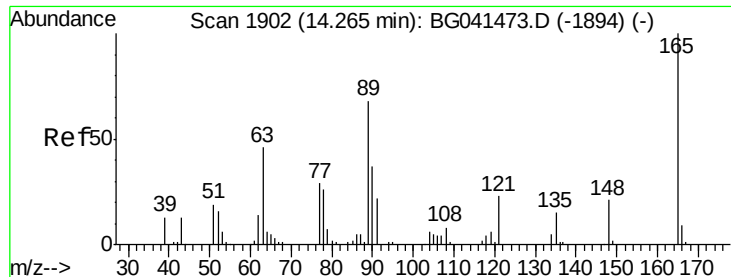
194 4.9 3.9 5.9

164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

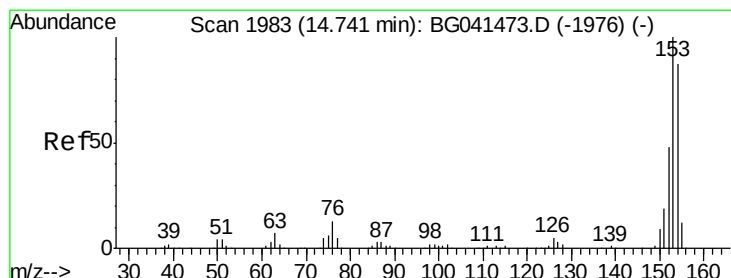
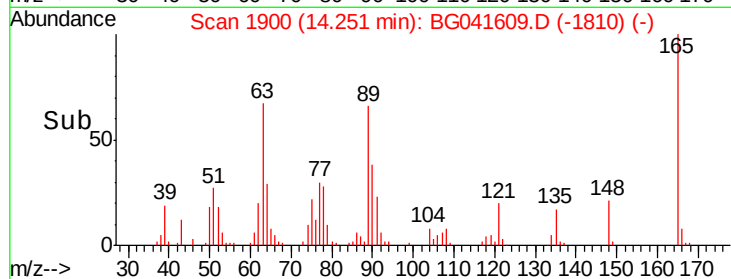
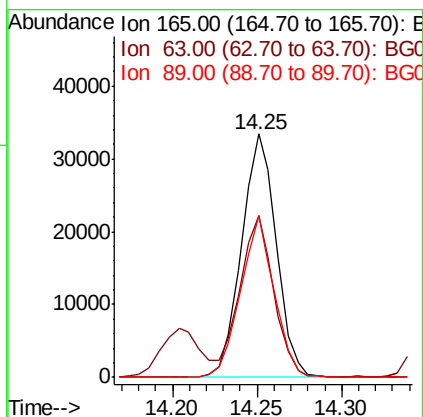
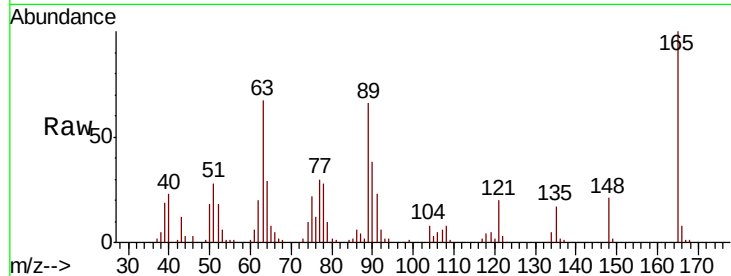




#51
 2,6-Dinitrotoluene
 Concen: 38.259 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

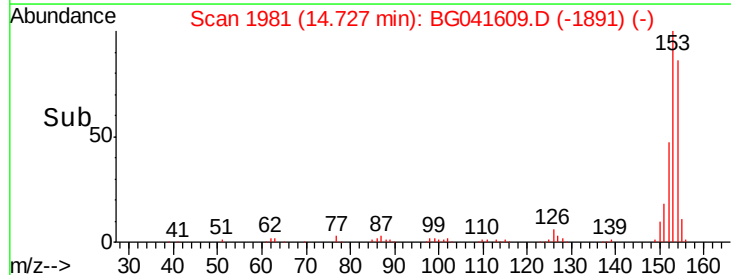
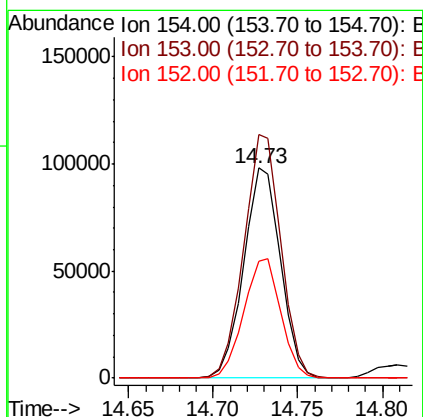
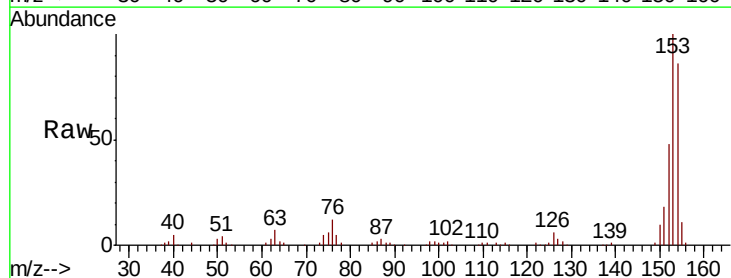
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

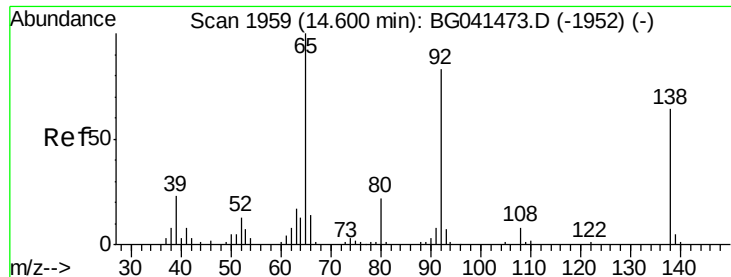
Tot Ion:165 Resp: 47783
 Ion Ratio Lower Upper
 165 100
 63 66.7 53.4 80.0
 89 66.5 53.2 79.8



#52
 Acenaphthene
 Concen: 38.349 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion:154 Resp: 148977
 Ion Ratio Lower Upper
 154 100
 153 116.0 92.8 139.2
 152 55.8 44.6 67.0

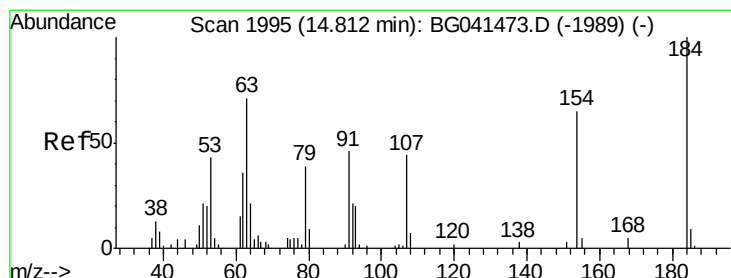
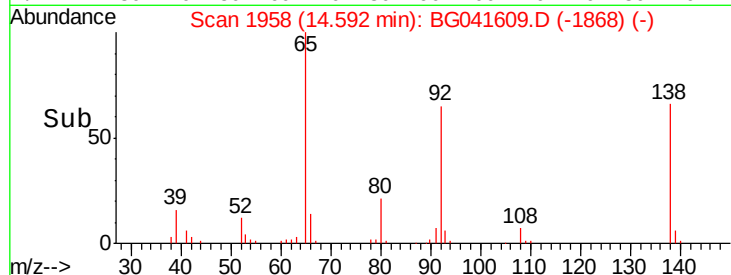
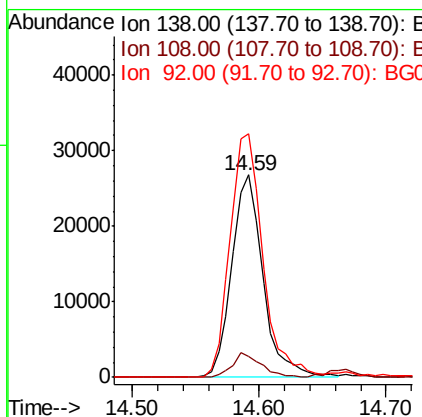
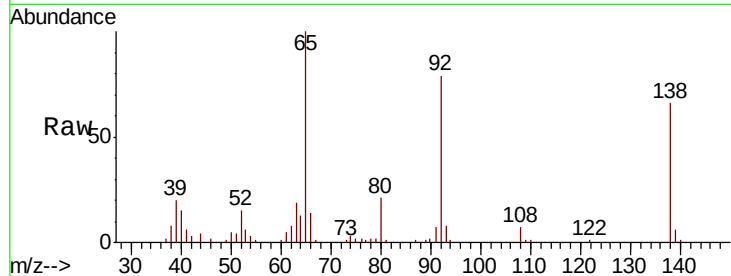




#53
 3-Nitroaniline
 Concen: 38.470 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

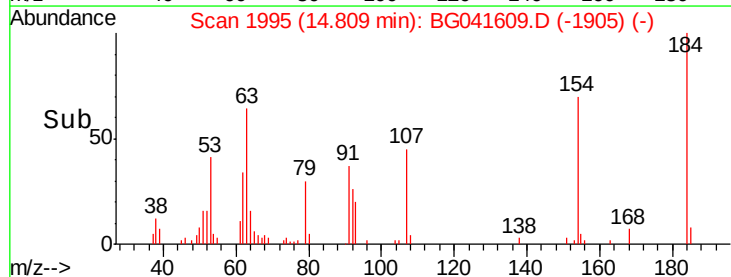
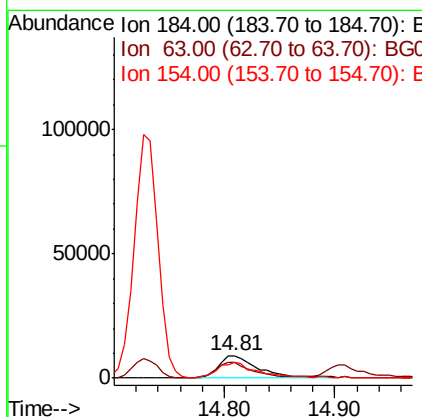
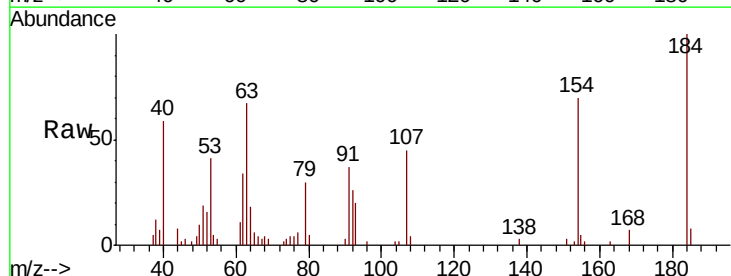
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

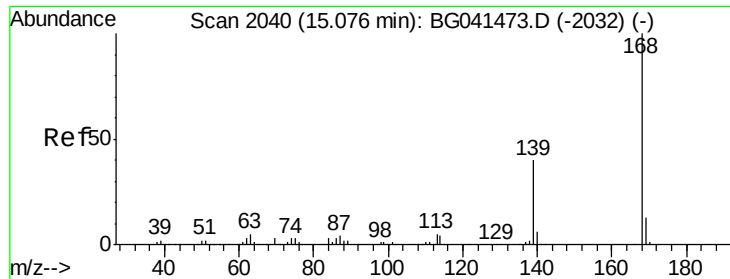
Tot Ion:138 Resp: 45868
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.0 12.0
 92 120.2 96.2 144.2



#54
 2,4-Dinitrophenol
 Concen: 33.177 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion:184 Resp: 23184
 Ion Ratio Lower Upper
 184 100
 63 66.7 53.4 80.0
 154 70.5 56.4 84.6

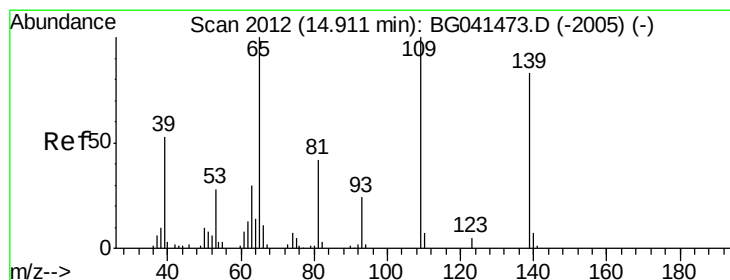
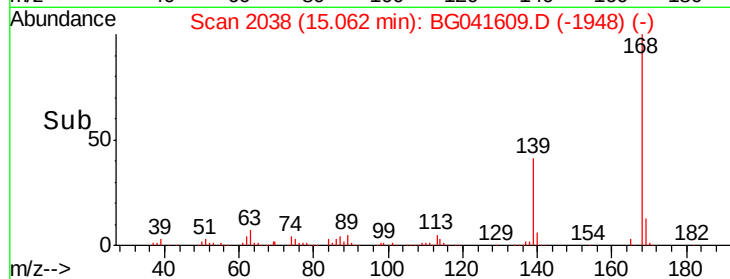
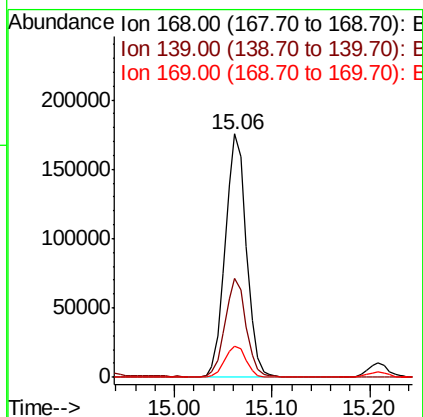
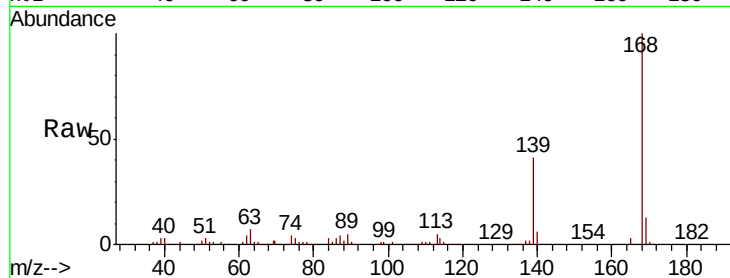




#55
Dibenzofuran
Concen: 38.857 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

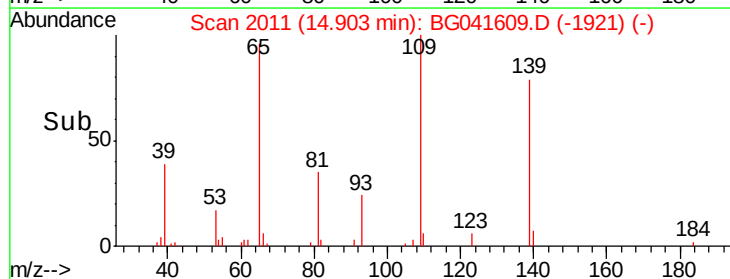
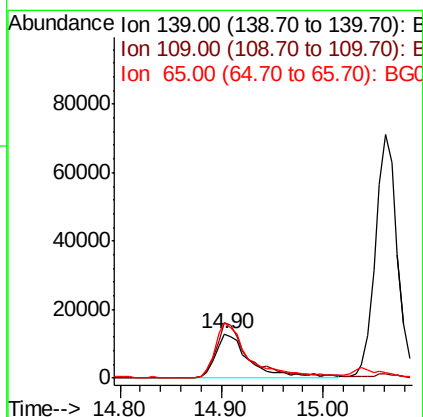
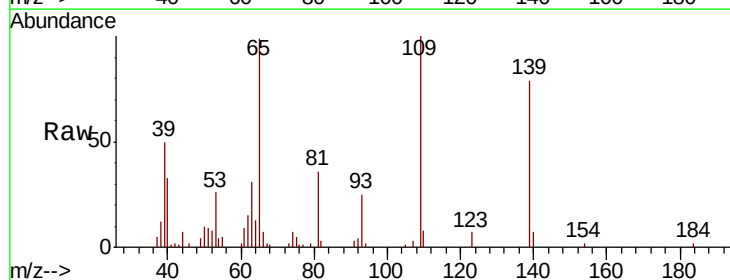
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

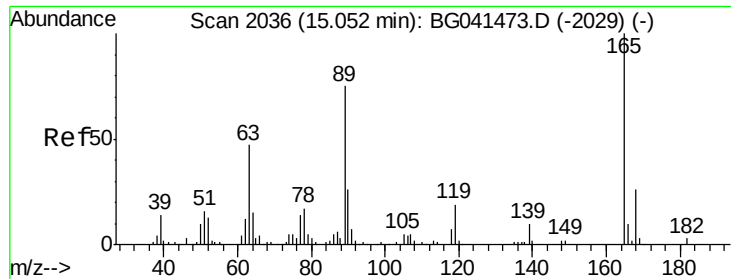
Tot Ion:168 Resp: 262788
Ion Ratio Lower Upper
168 100
139 40.5 32.4 48.6
169 13.0 10.4 15.6



#56
4-Nitrophenol
Concen: 39.510 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:139 Resp: 30401
Ion Ratio Lower Upper
139 100
109 126.2 106.2 146.2
65 124.6 104.6 144.6

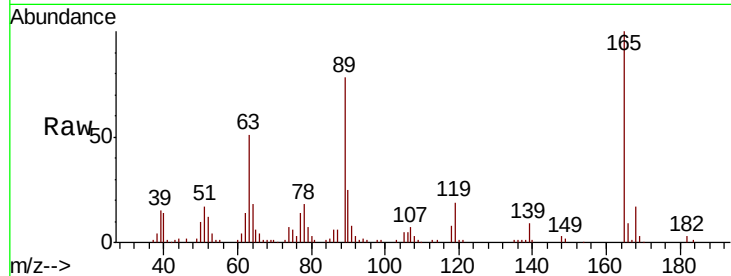




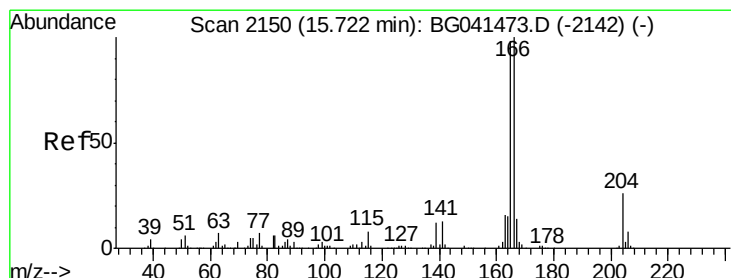
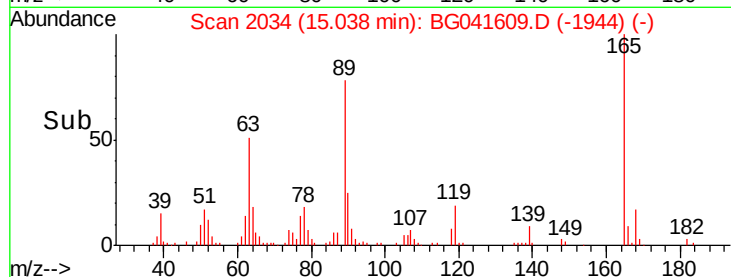
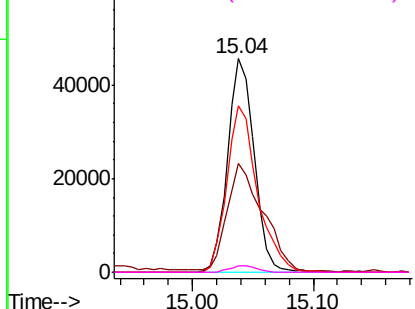
#57
2,4-Dinitrotoluene
Concen: 38.591 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 69921
Ion Ratio Lower Upper
165 100
63 50.7 40.6 60.8
89 77.7 62.2 93.2
182 3.0 2.4 3.6

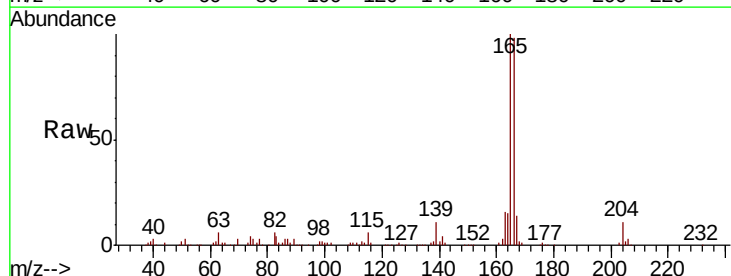


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

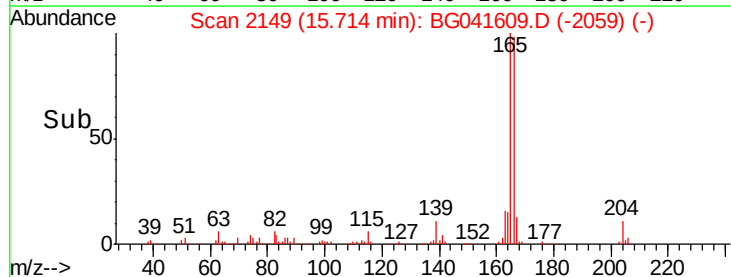
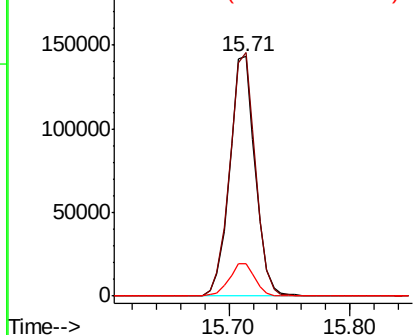


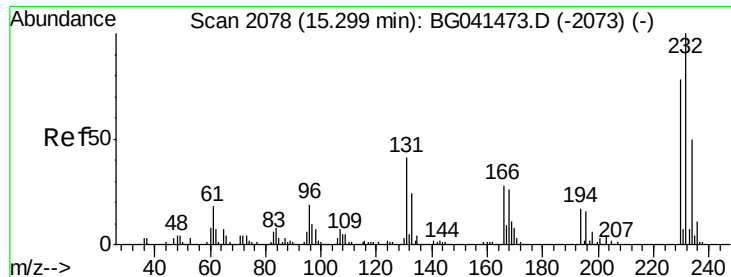
#58
Fluorene
Concen: 38.907 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:166 Resp: 209334
Ion Ratio Lower Upper
166 100
165 101.8 81.4 122.2
167 13.8 11.0 16.6



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

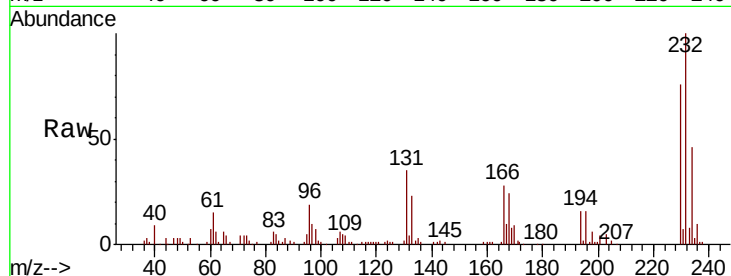




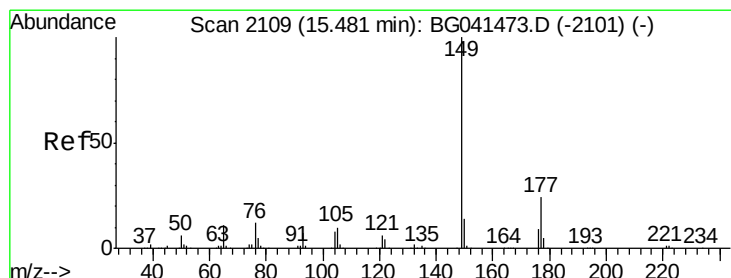
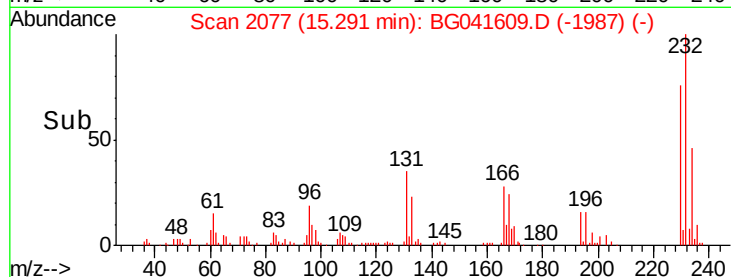
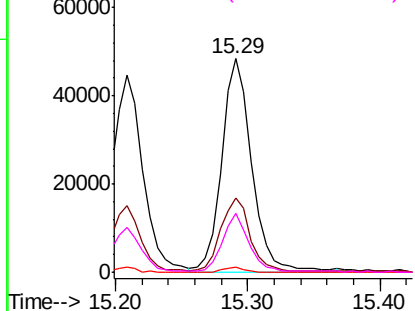
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.673 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 77496
 Ion Ratio Lower Upper
 232 100
 131 30.1 24.2 36.2
 130 1.9 1.5 2.3
 166 19.9 16.0 24.0

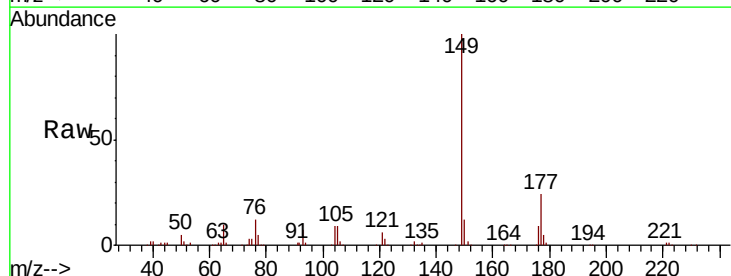


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

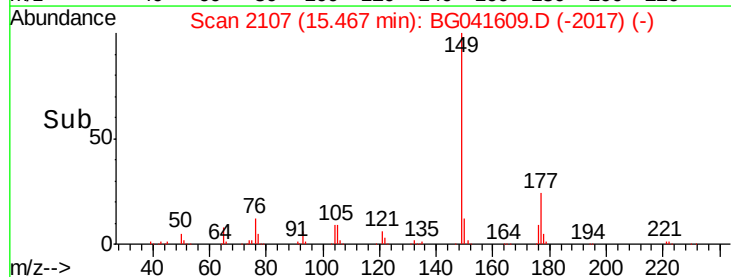
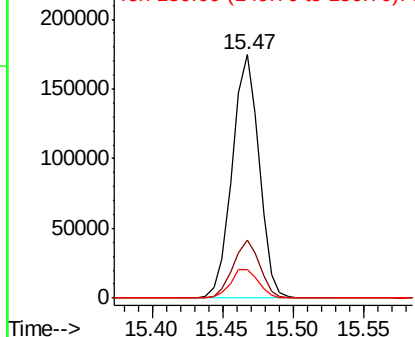


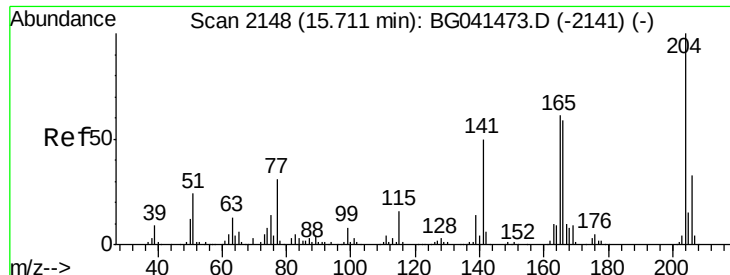
#60
 Diethylphthalate
 Concen: 38.404 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion:149 Resp: 231350
 Ion Ratio Lower Upper
 149 100
 177 23.8 19.0 28.6
 150 11.8 9.4 14.2



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

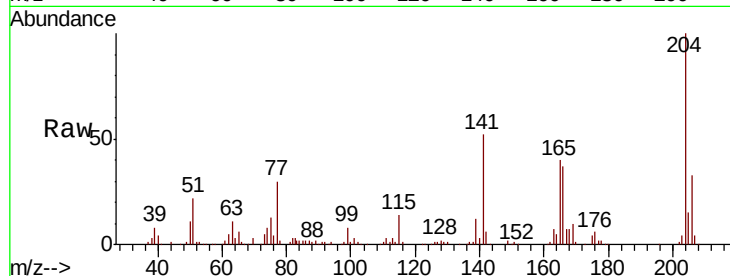




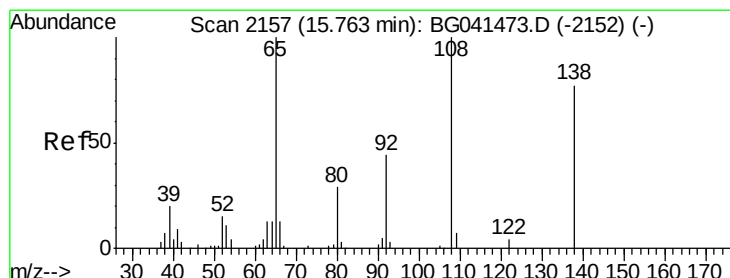
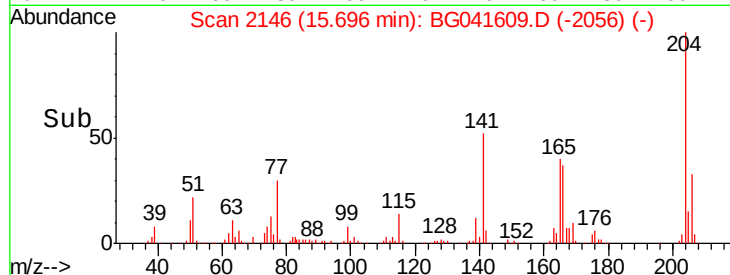
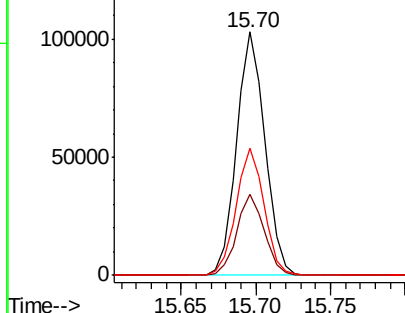
#61
 4-Chlorophenyl-phenylether
 Concen: 39.176 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:204 Resp: 135955
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.6 39.8
 141 52.2 41.8 62.6

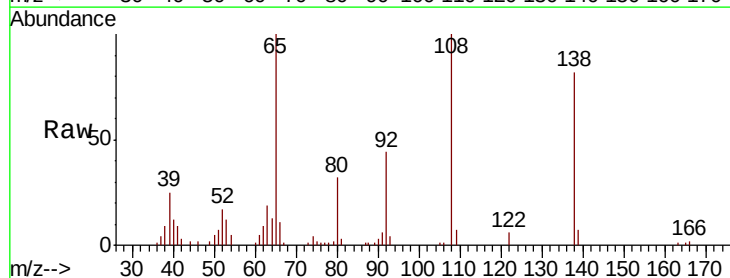


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

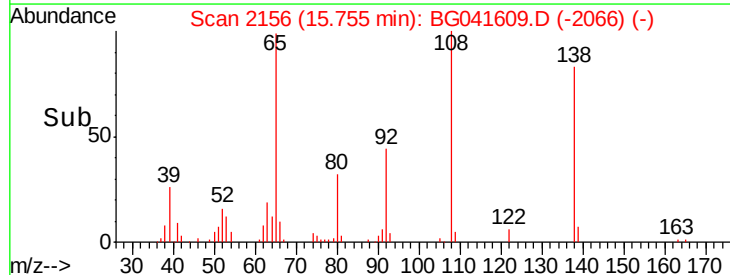
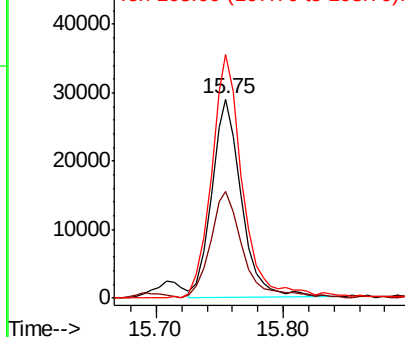


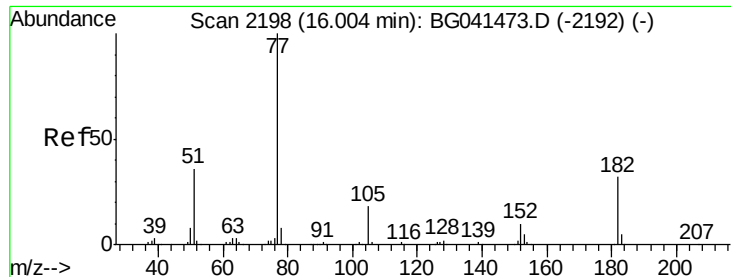
#62
 4-Nitroaniline
 Concen: 40.609 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion:138 Resp: 47188
 Ion Ratio Lower Upper
 138 100
 92 53.3 33.3 73.3
 108 122.2 102.2 142.2



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: 36.985 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 187847

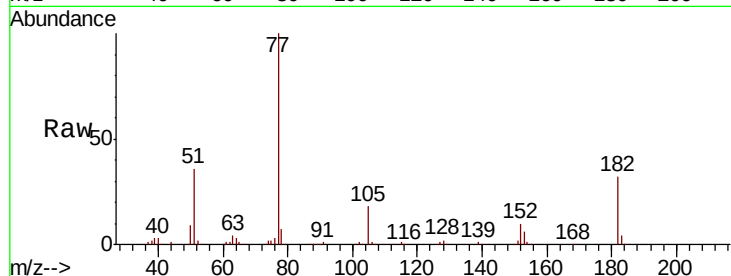
Ion Ratio Lower Upper

77 100

182 31.6 11.6 51.6

105 17.6 0.0 37.6

51 36.1 16.1 56.1

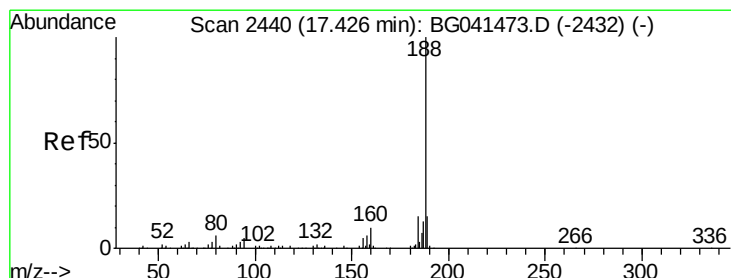
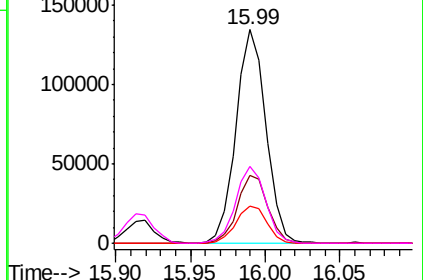
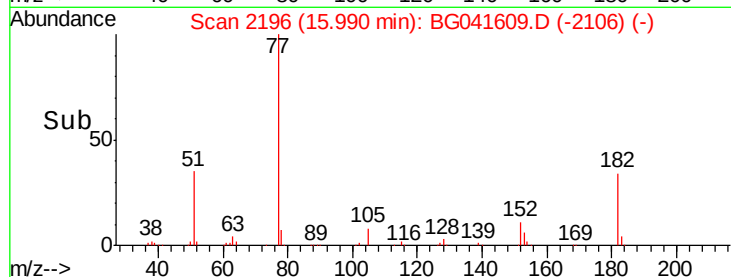


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

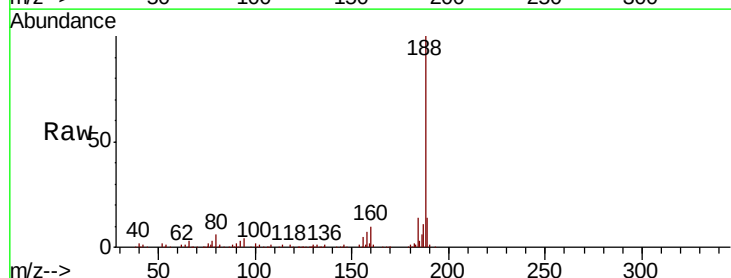
Tgt Ion: 188 Resp: 177627

Ion Ratio Lower Upper

188 100

94 4.1 3.3 4.9

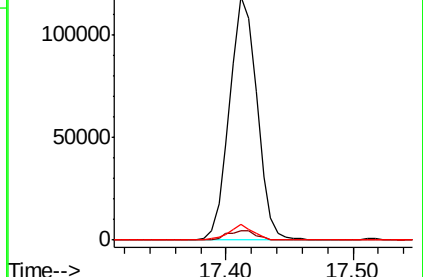
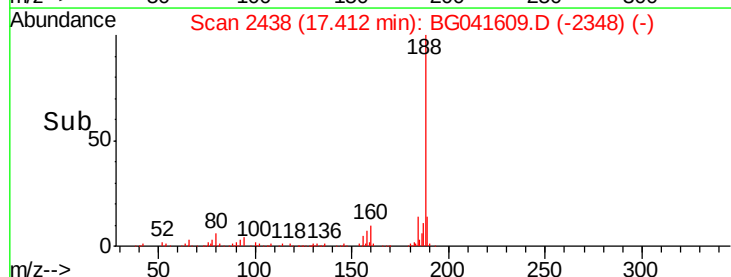
80 6.2 5.0 7.4

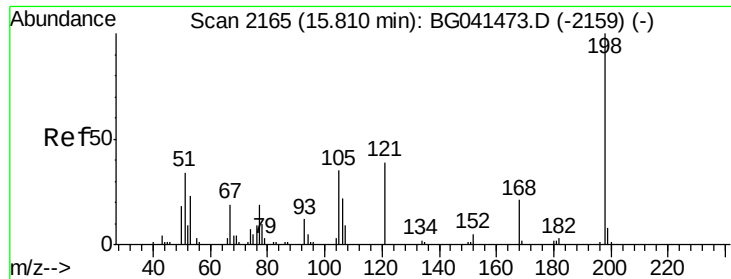


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

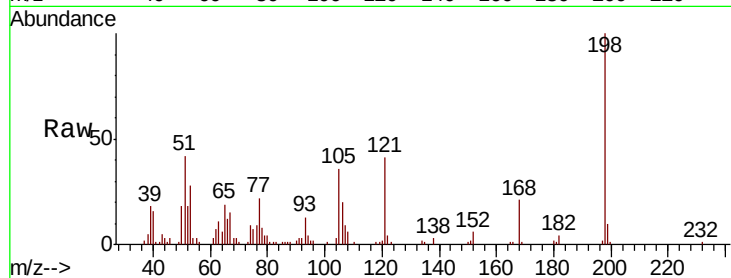




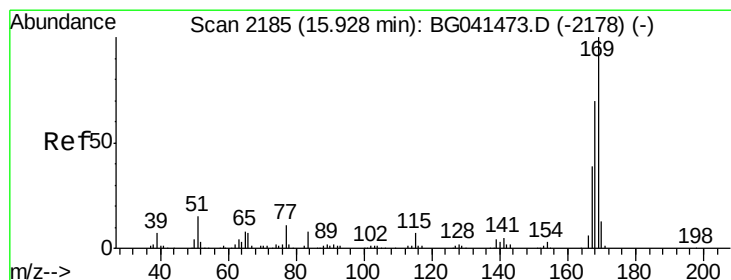
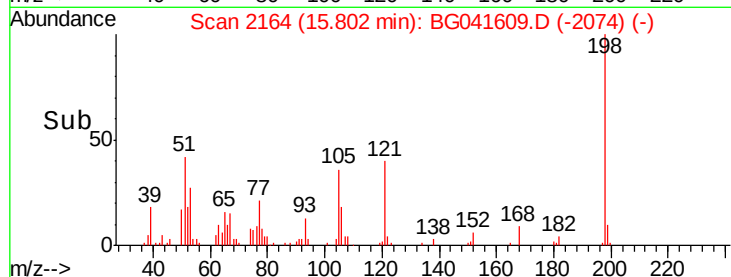
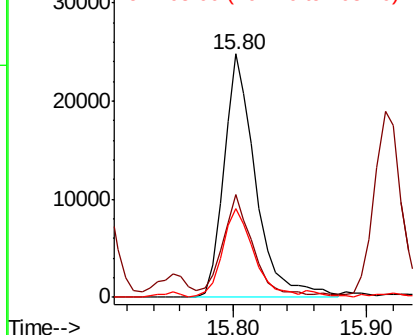
#65
4,6-Dinitro-2-methylphenol
Concen: 37.430 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 41177
Ion Ratio Lower Upper
198 100
51 42.2 22.2 62.2
105 36.2 16.2 56.2

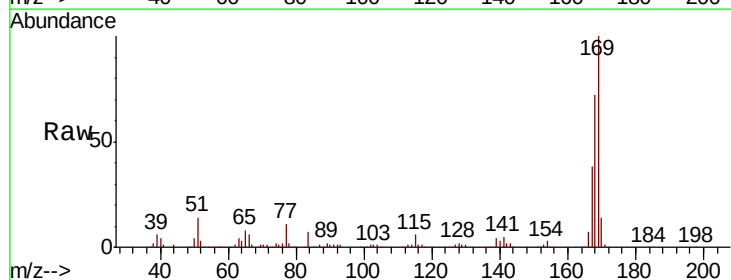


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

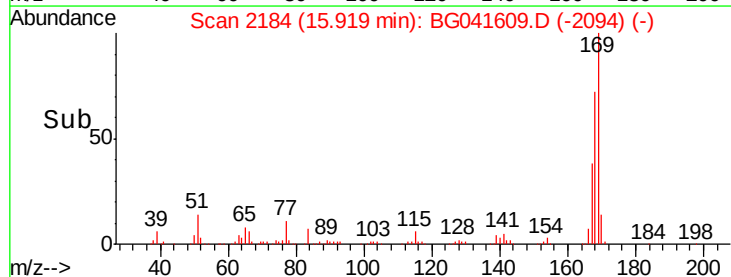
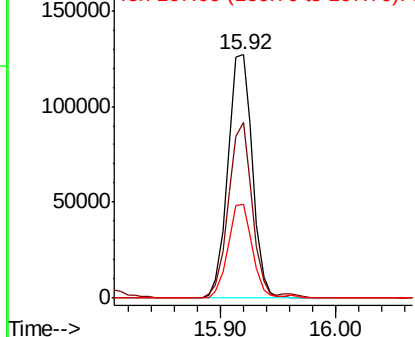


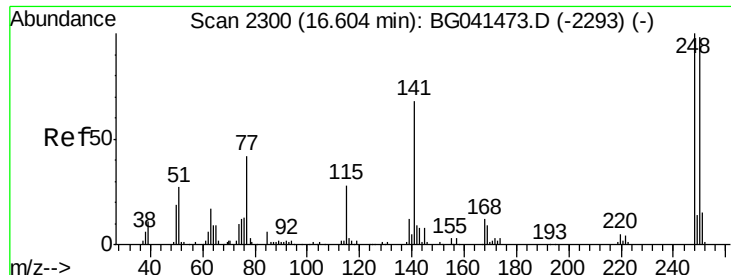
#66
n-Nitrosodiphenylamine
Concen: 38.066 ng
RT: 15.92 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:169 Resp: 186093
Ion Ratio Lower Upper
169 100
168 72.1 57.7 86.5
167 38.3 30.6 46.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

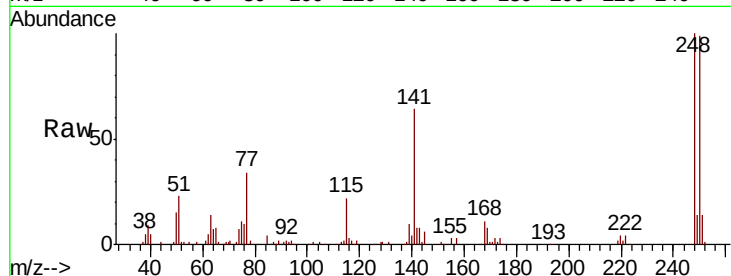




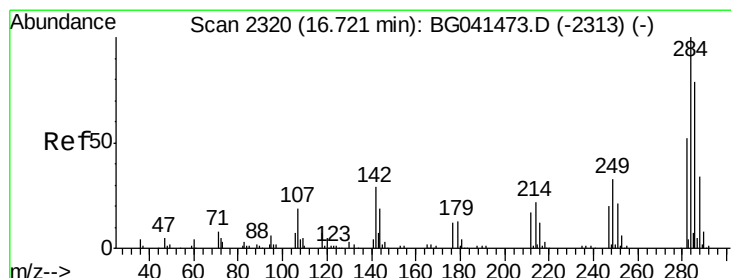
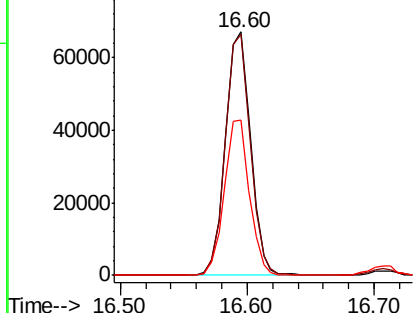
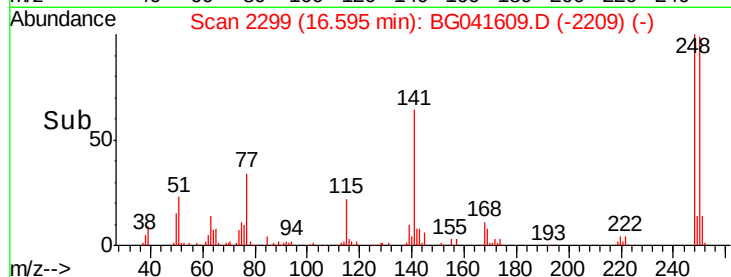
#67
4-Bromophenyl-phenylether
Concen: 37.974 ng
RT: 16.60 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 92176
Ion Ratio Lower Upper
248 100
250 99.1 79.3 118.9
141 63.8 51.0 76.6

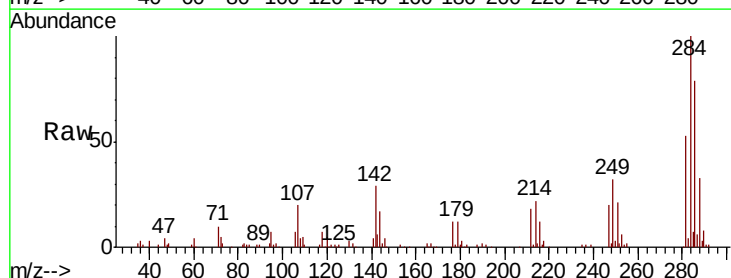


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

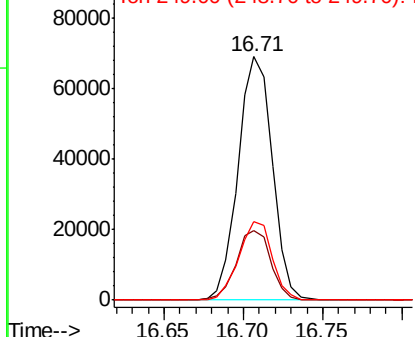
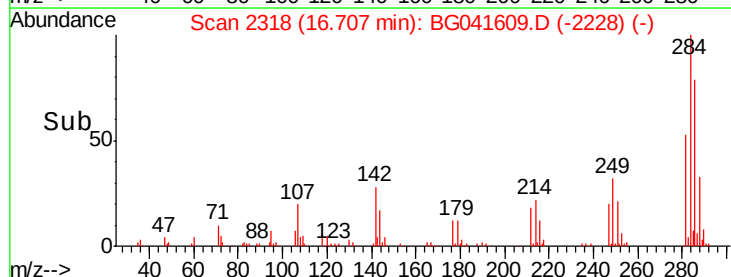


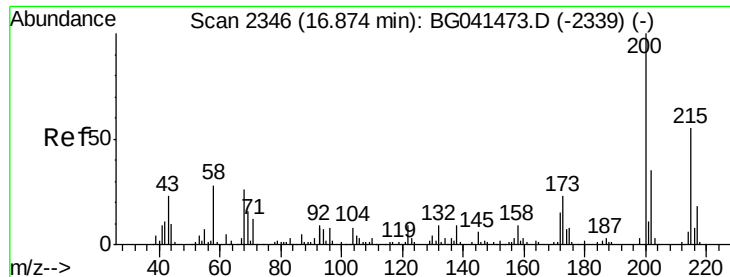
#68
Hexachlorobenzene
Concen: 39.421 ng
RT: 16.71 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:284 Resp: 103097
Ion Ratio Lower Upper
284 100
142 28.6 22.9 34.3
249 32.5 26.0 39.0



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: 36.033 ng

RT: 16.86 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

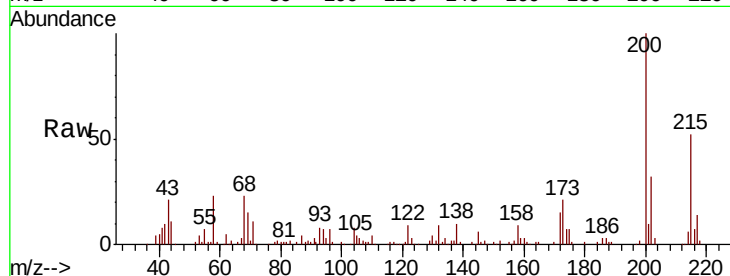
Tot Ion:200 Resp: 74563

Ion Ratio Lower Upper

200 100

173 20.8 0.8 40.8

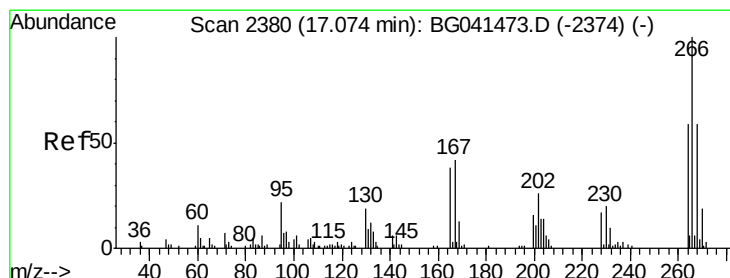
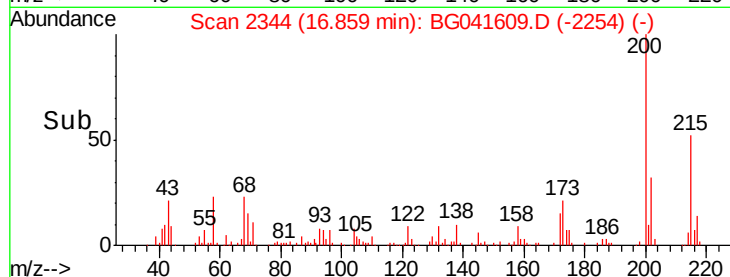
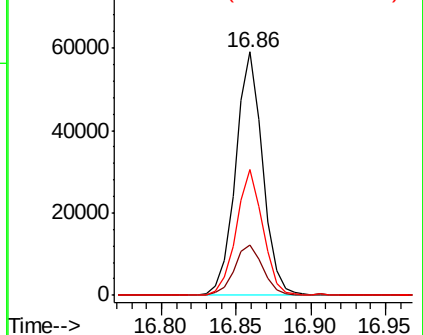
215 51.9 31.9 71.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 34.889 ng

RT: 17.07 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

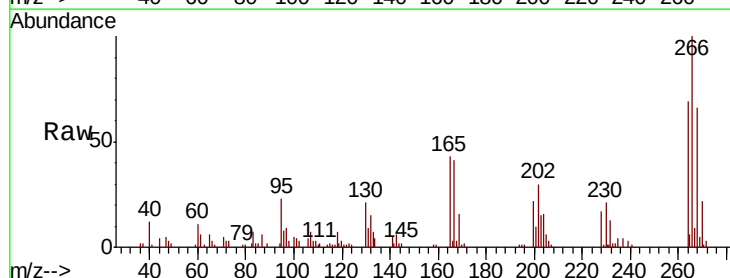
Tgt Ion:266 Resp: 41345

Ion Ratio Lower Upper

266 100

268 71.1 56.9 85.3

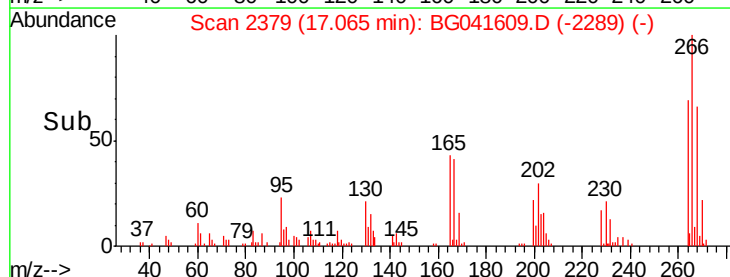
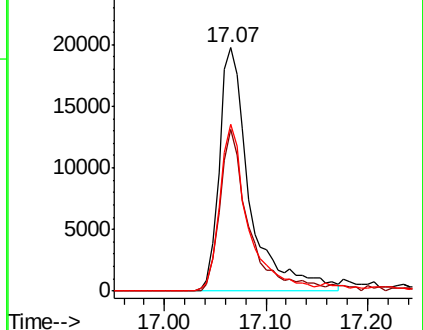
264 68.5 54.8 82.2

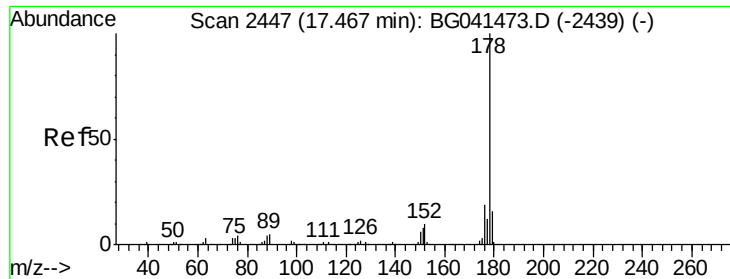


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

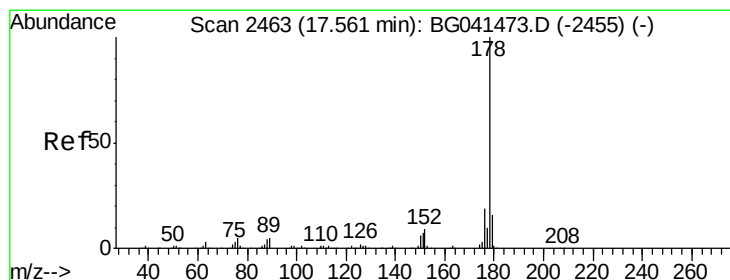
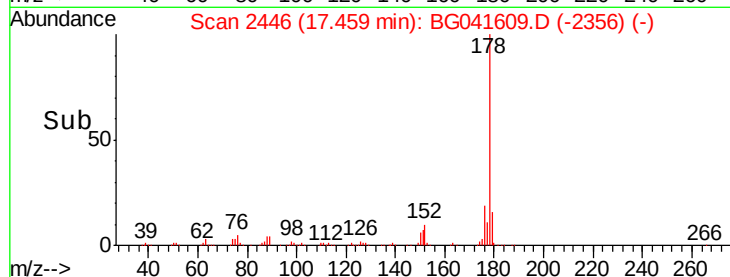
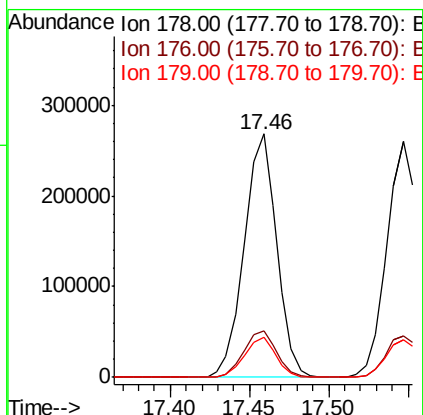
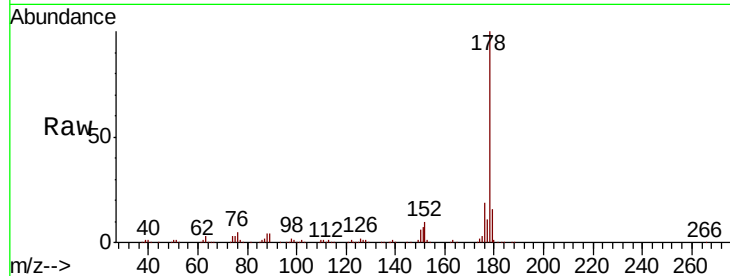




#71
Phenanthrene
Concen: 39.030 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

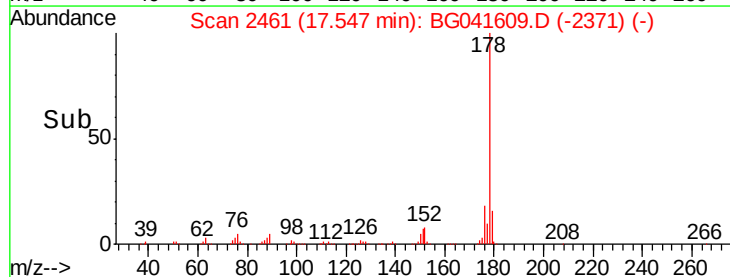
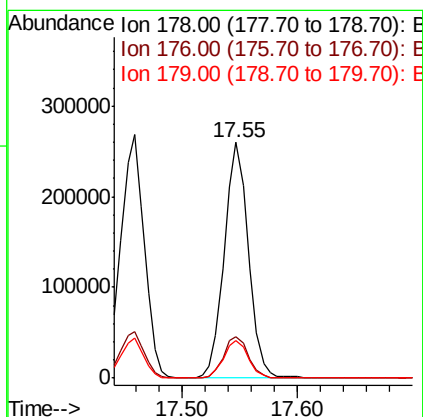
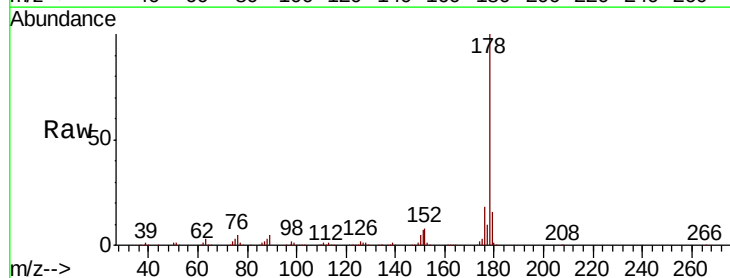
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

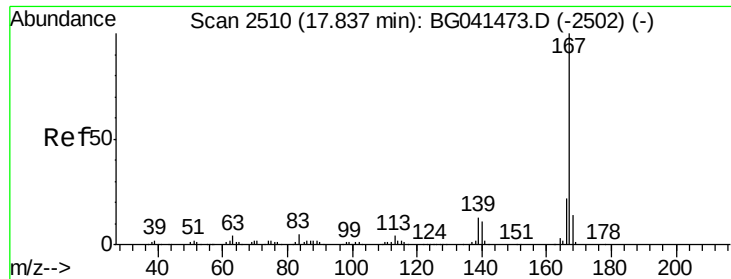
Tot Ion:178 Resp: 381964
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 16.3 13.0 19.6



#72
Anthracene
Concen: 38.435 ng
RT: 17.55 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:178 Resp: 376359
Ion Ratio Lower Upper
178 100
176 17.7 14.2 21.2
179 15.9 12.7 19.1

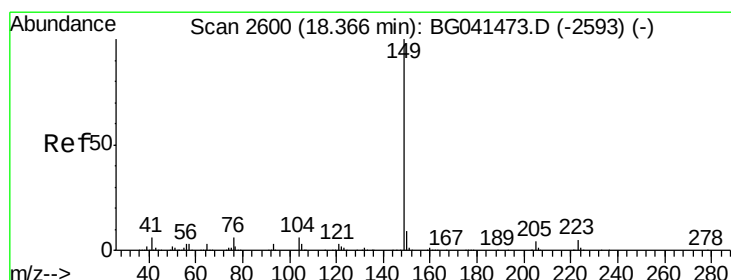
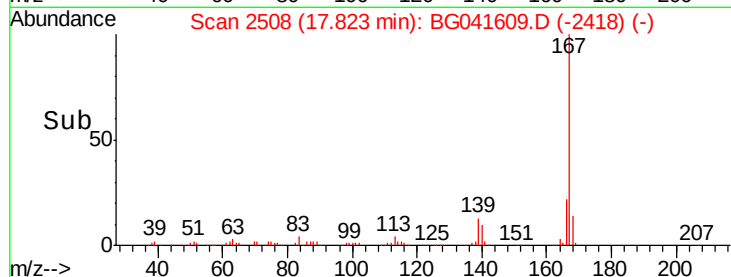
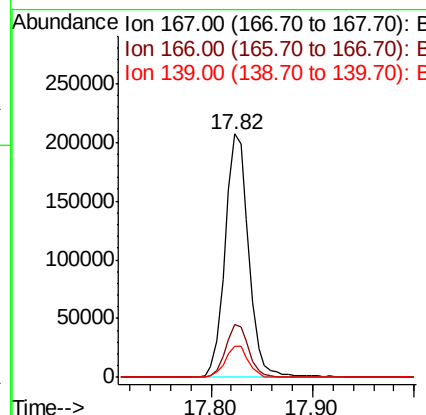
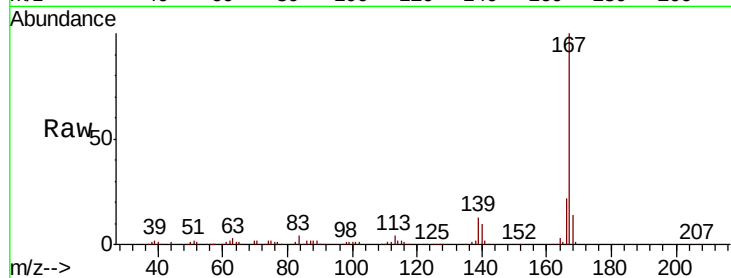




#73
 Carbazole
 Concen: 40.128 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

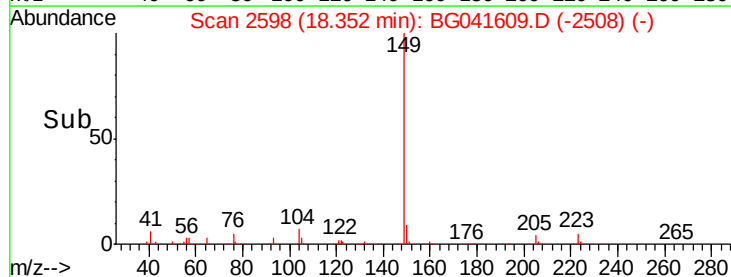
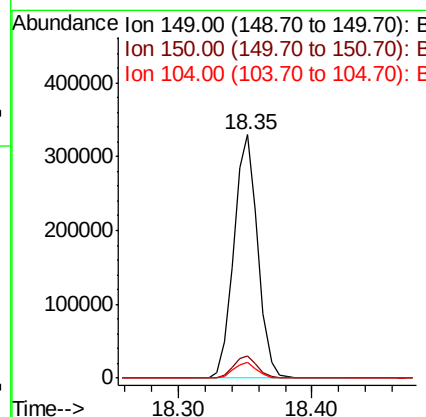
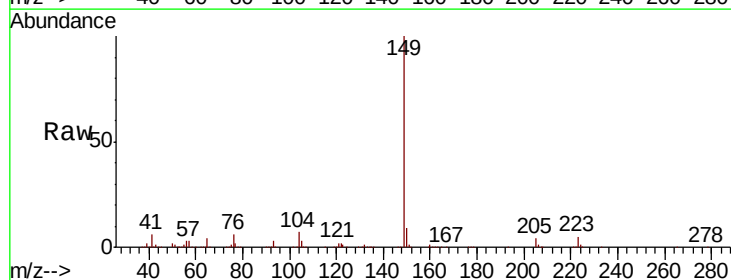
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

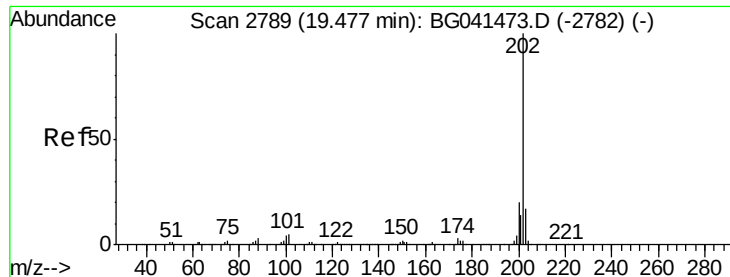
Tot Ion:167 Resp: 334032
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.9 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 39.380 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion:149 Resp: 412008
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.1 10.7
 104 6.7 5.4 8.0





#75

Fluoranthene

Concen: 40.575 ng

RT: 19.46 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

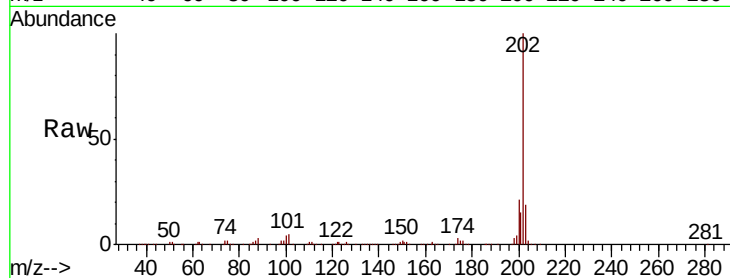
Tot Ion:202 Resp: 529419

Ion Ratio Lower Upper

202 100

101 4.6 0.0 24.6

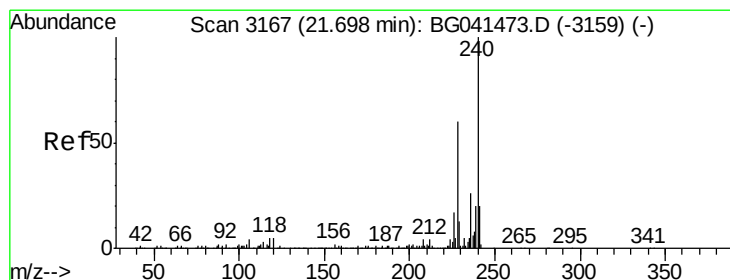
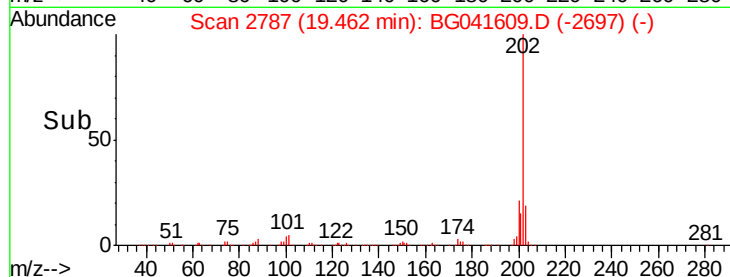
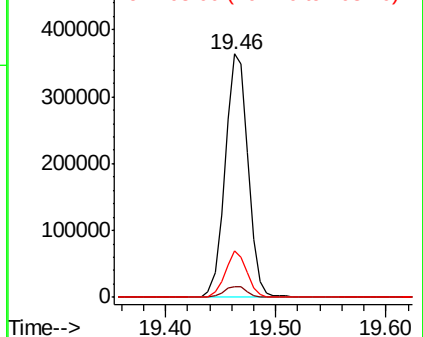
203 19.2 0.0 39.2



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: 21.68 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

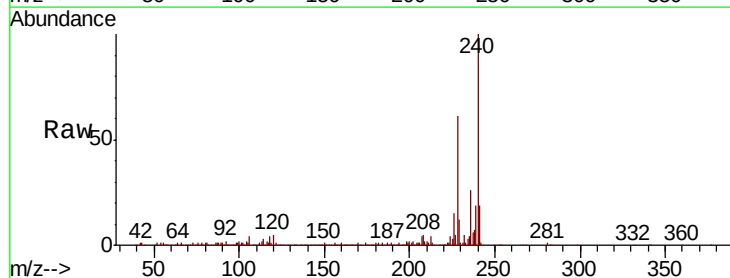
Tgt Ion:240 Resp: 206839

Ion Ratio Lower Upper

240 100

120 4.9 3.9 5.9

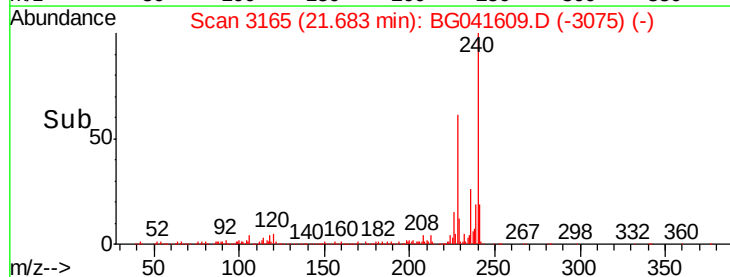
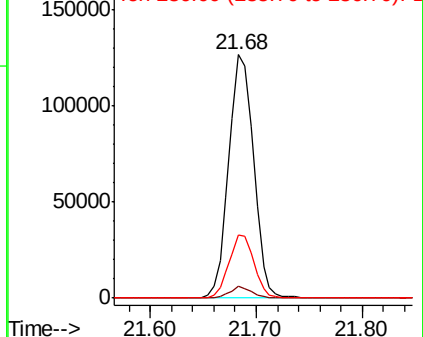
236 25.7 20.6 30.8

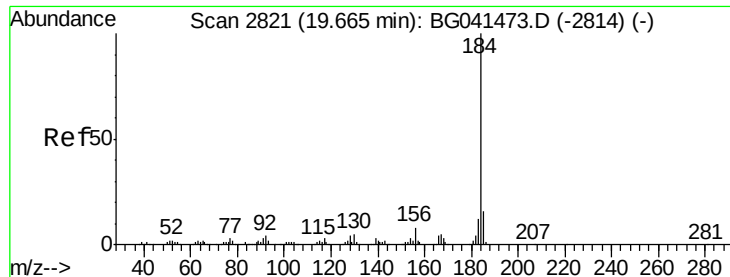


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.667 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

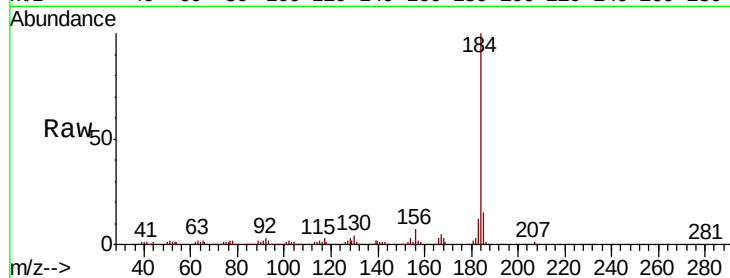
Tot Ion:184 Resp: 186632

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

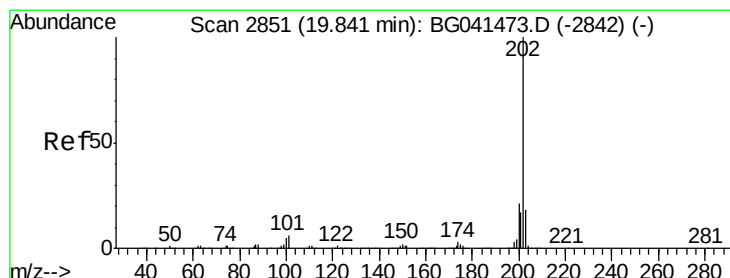
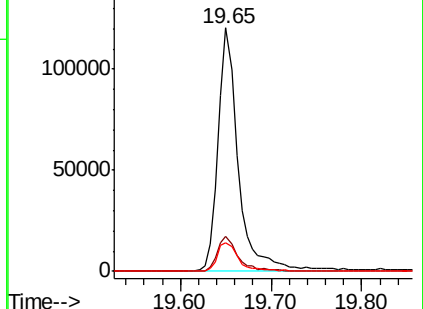
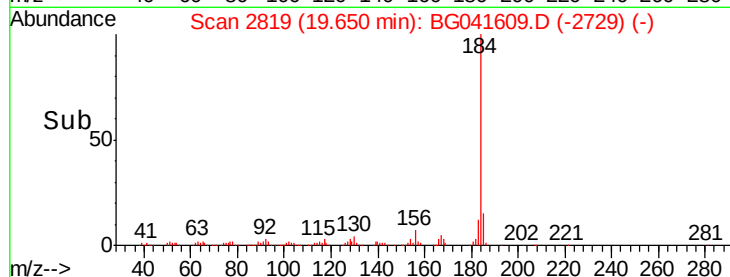
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.857 ng

RT: 19.83 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

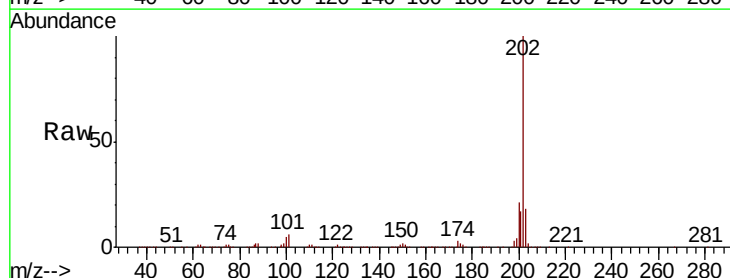
Tgt Ion:202 Resp: 534555

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

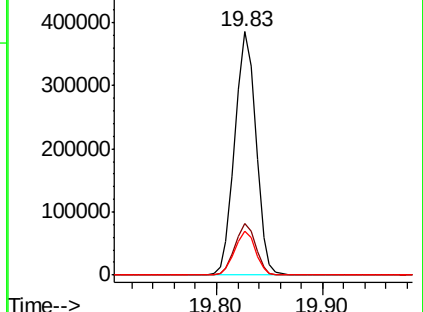
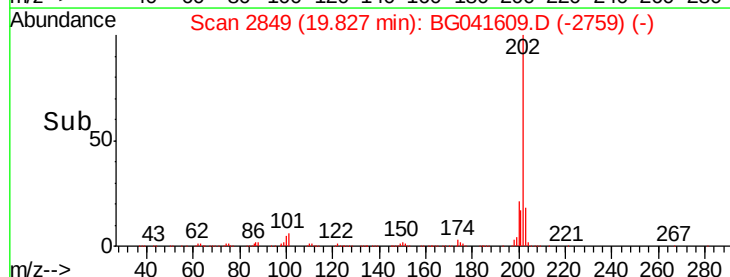
203 18.2 14.6 21.8

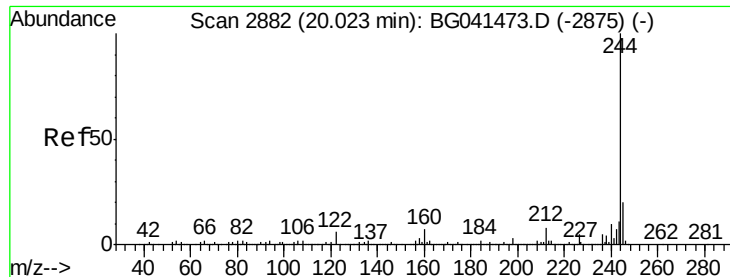


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.041 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

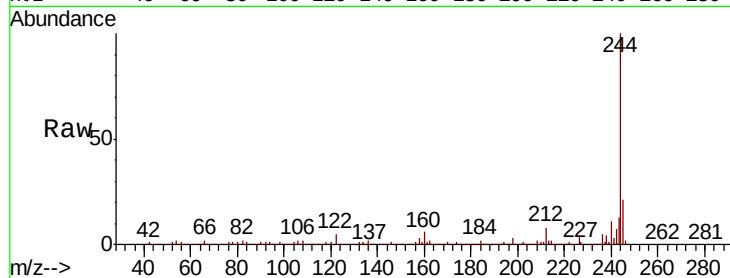
Tot Ion:244 Resp: 759589

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

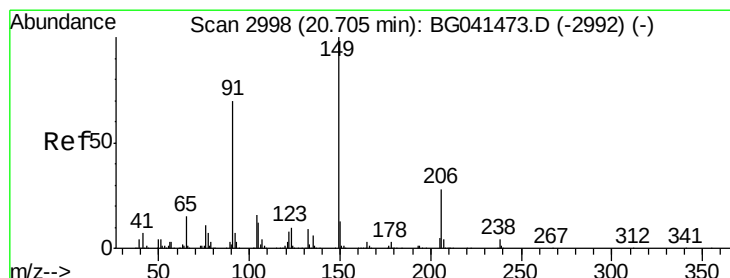
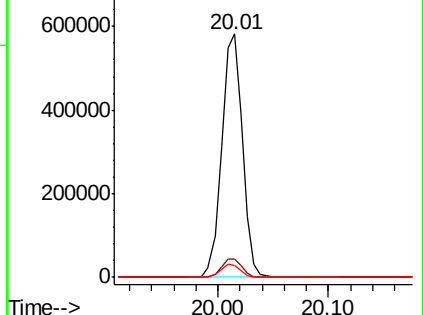
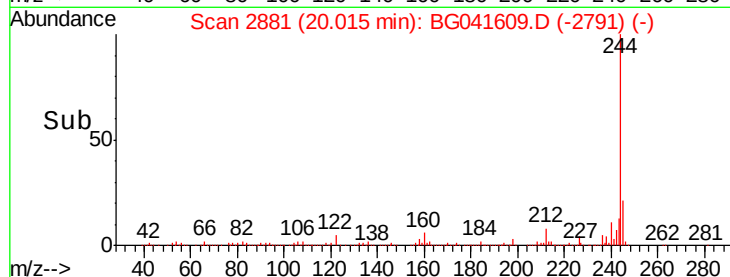
122 5.0 4.0 6.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.505 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

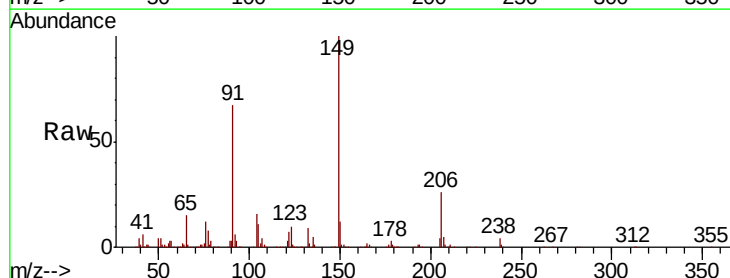
Tgt Ion:149 Resp: 197782

Ion Ratio Lower Upper

149 100

91 67.5 54.0 81.0

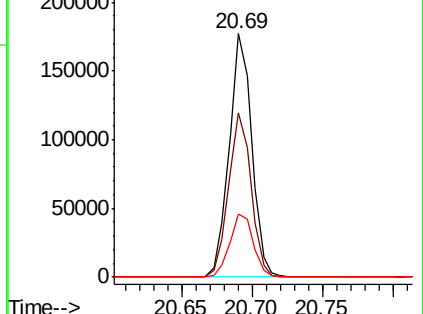
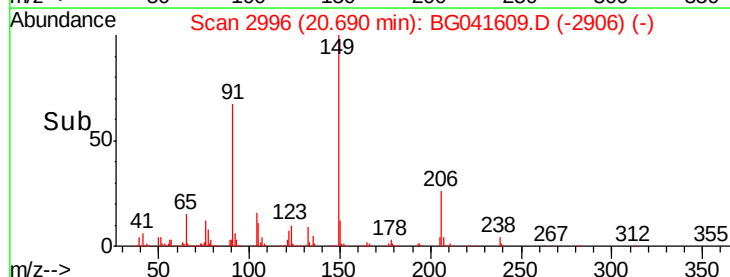
206 25.7 20.6 30.8

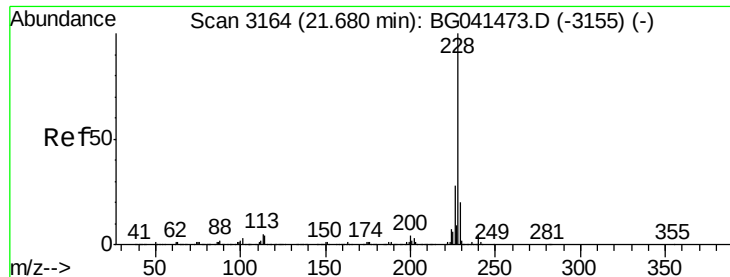


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

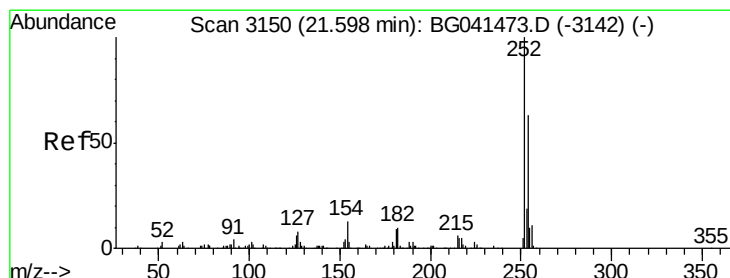
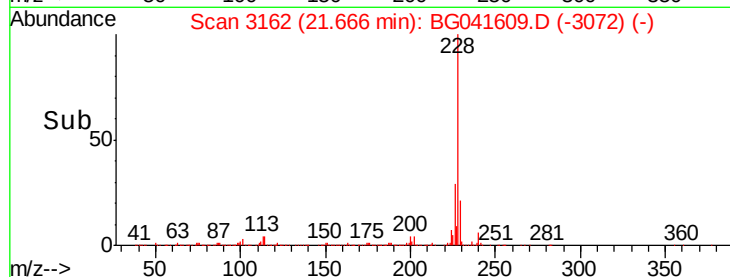
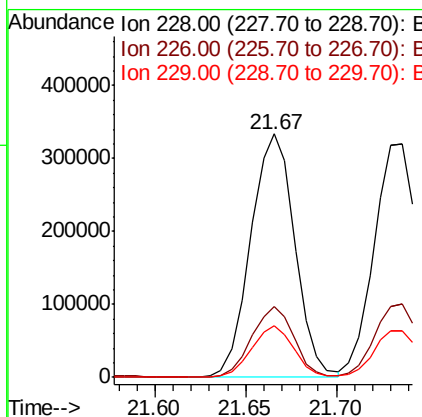
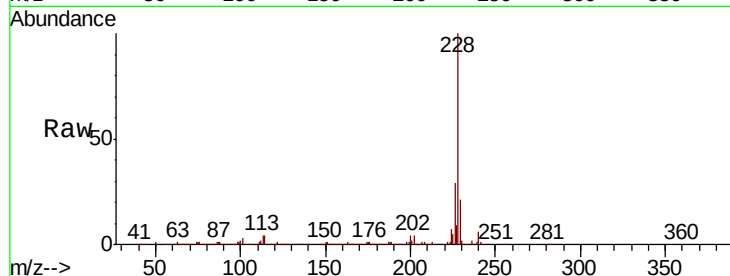




#81
 Benzo(a)anthracene
 Concen: 39.103 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

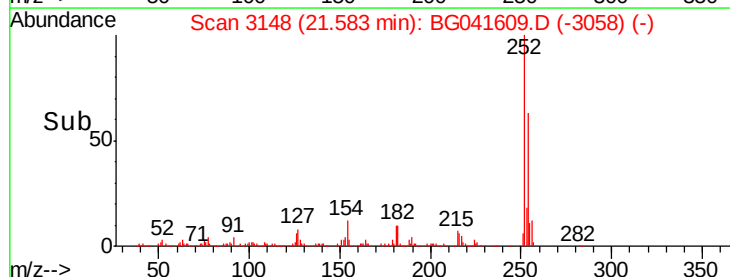
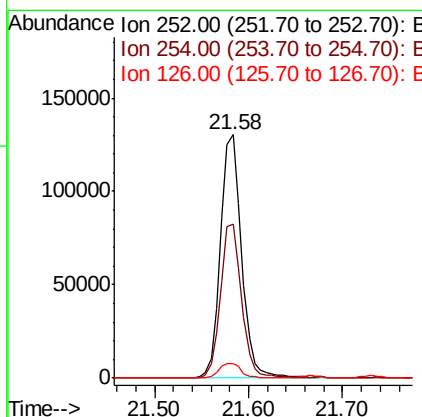
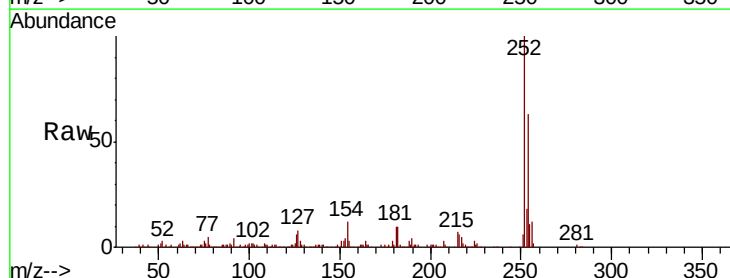
Instrument :
 BNA_G
 ClientSampleId :
 SSTDC040

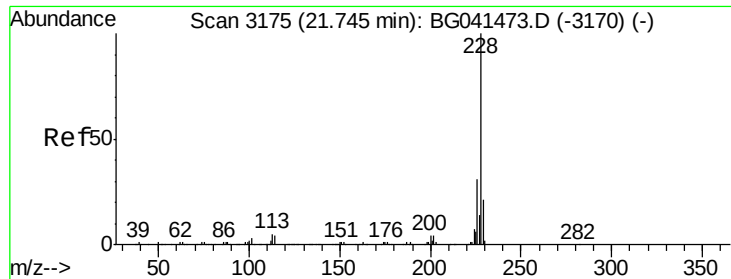
Tot Ion:228 Resp: 562301
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.4 35.2
 229 21.2 17.0 25.4



#82
 3,3'-Dichlorobenzidine
 Concen: 41.315 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG041609.D
 Acq: 5 Jul 2019 13:27

Tgt Ion:252 Resp: 205727
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.6 76.0
 126 5.9 4.7 7.1





#83

Chrysene

Concen: 39.018 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

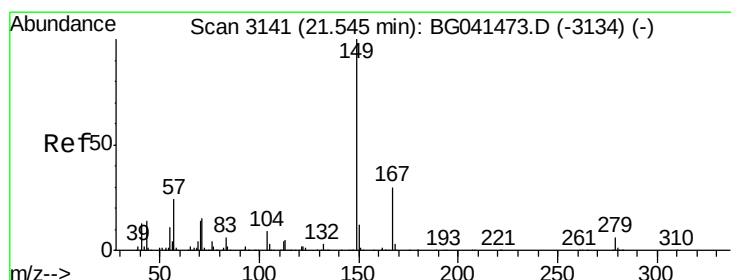
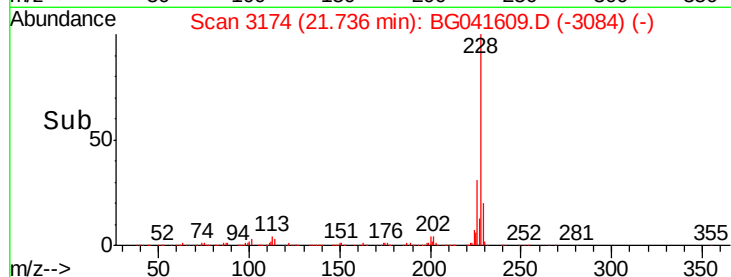
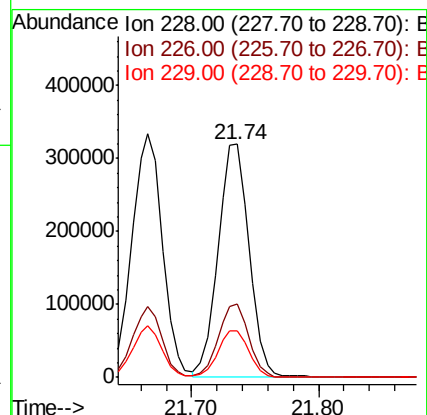
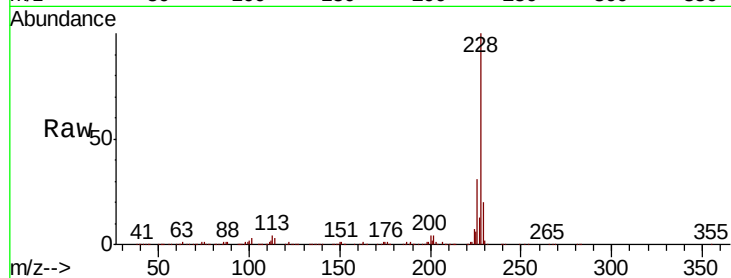
Tot Ion:228 Resp: 543104

Ion Ratio Lower Upper

228 100

226 31.4 25.1 37.7

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.983 ng

RT: 21.53 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BG041609.D

Acq: 5 Jul 2019 13:27

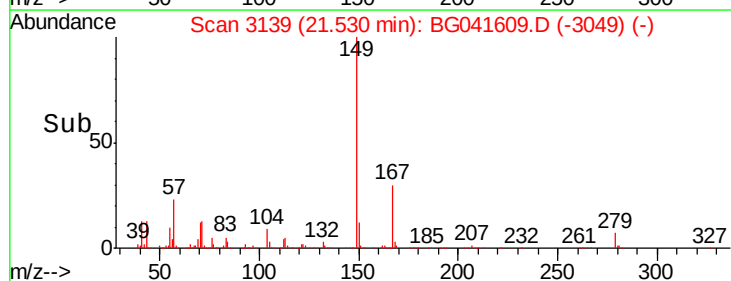
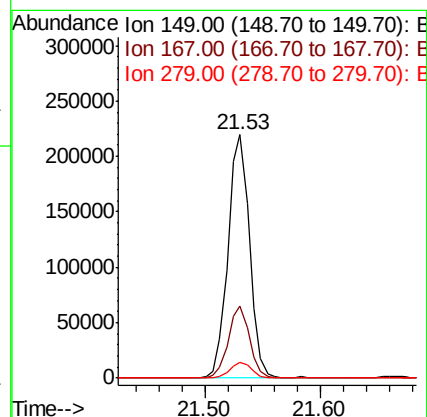
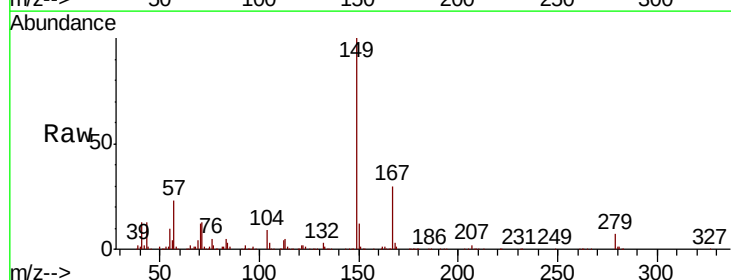
Tgt Ion:149 Resp: 283966

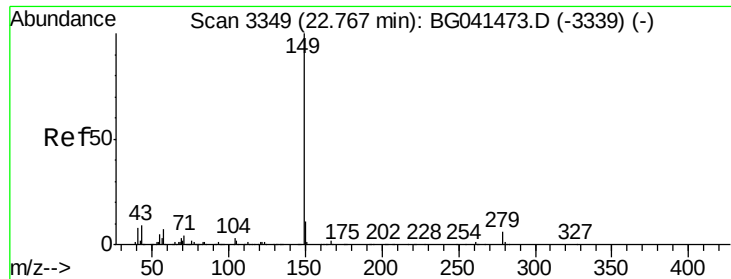
Ion Ratio Lower Upper

149 100

167 29.9 23.9 35.9

279 6.5 5.2 7.8

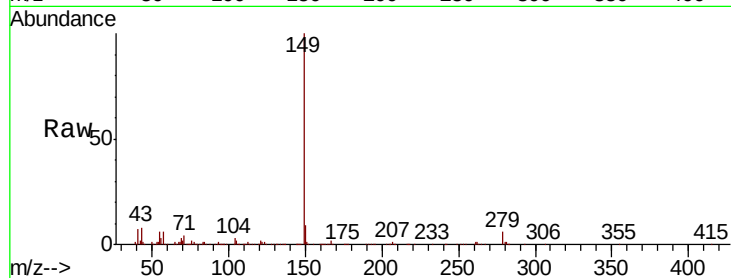




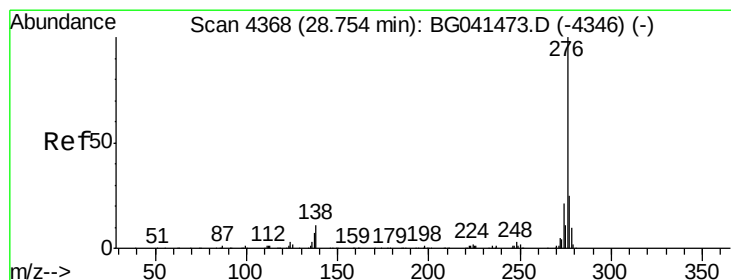
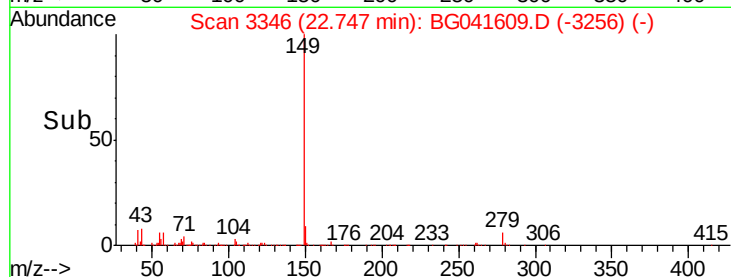
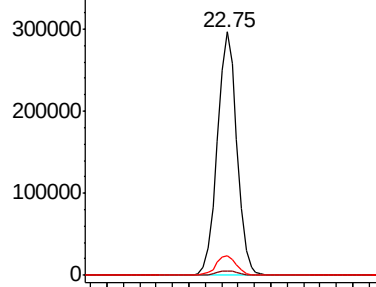
#85
Di-n-octyl phthalate
Concen: 38.881 ng
RT: 22.75 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	8.2	6.6	9.8

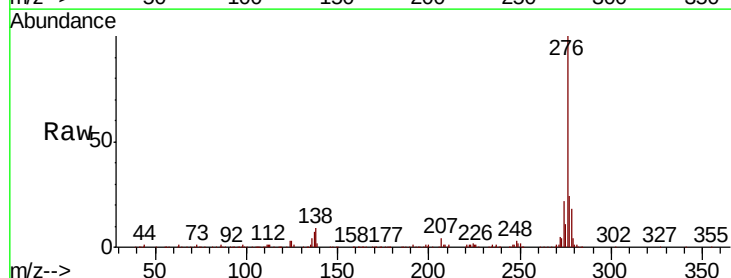


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

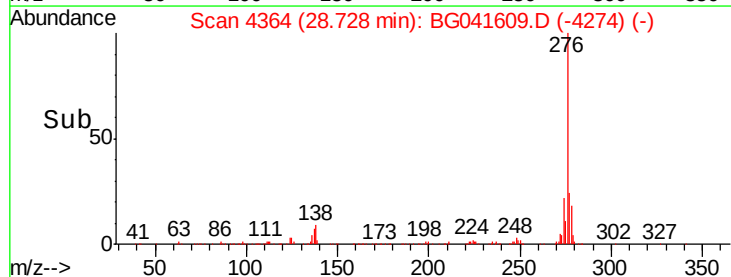
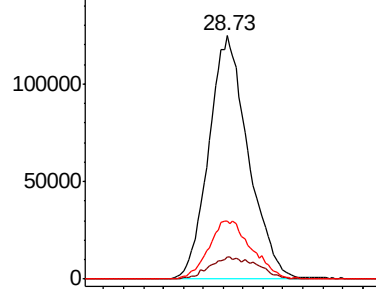


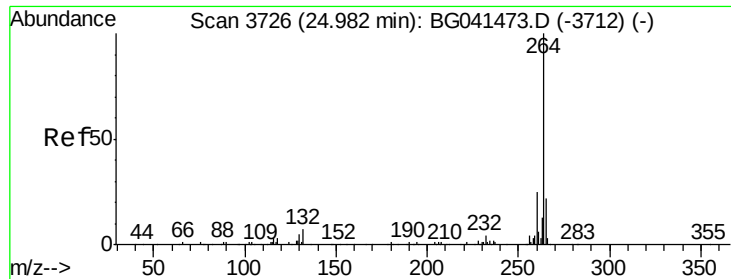
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.711 ng
RT: 28.73 min Scan# 4364
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.0	8.8	13.2
277	25.8	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



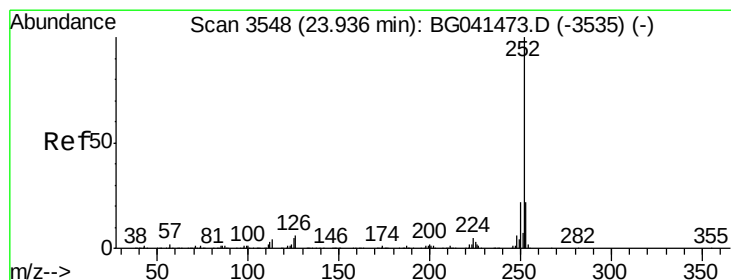
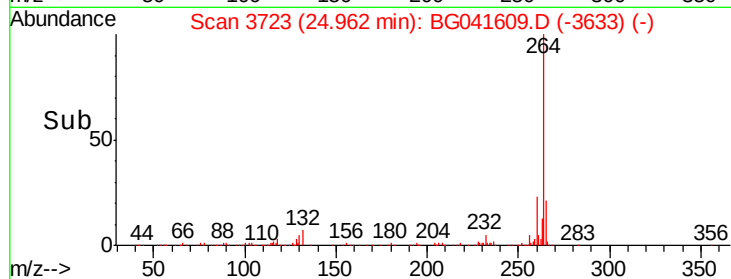
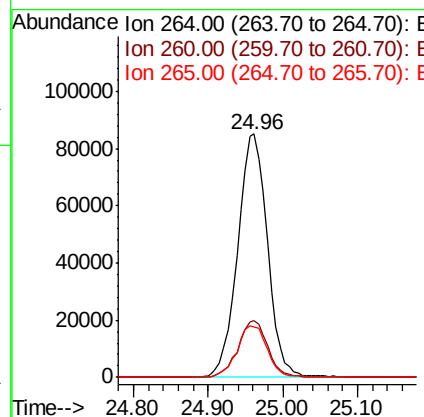
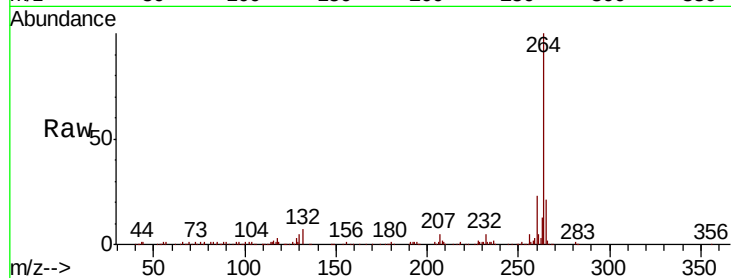


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 235350

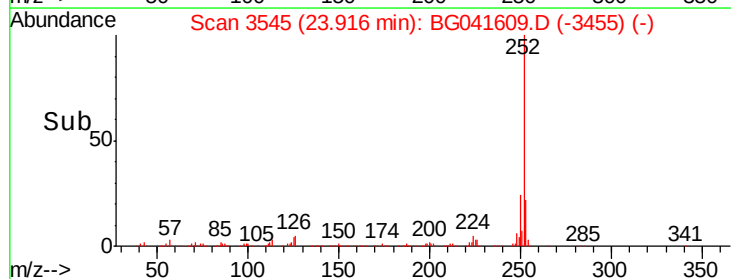
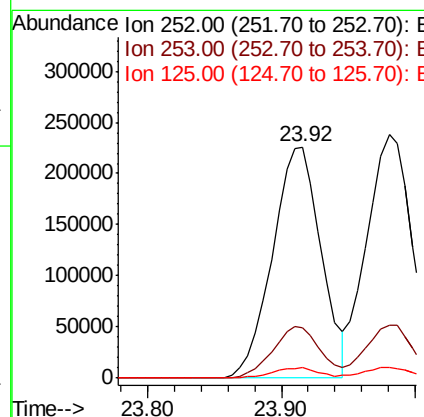
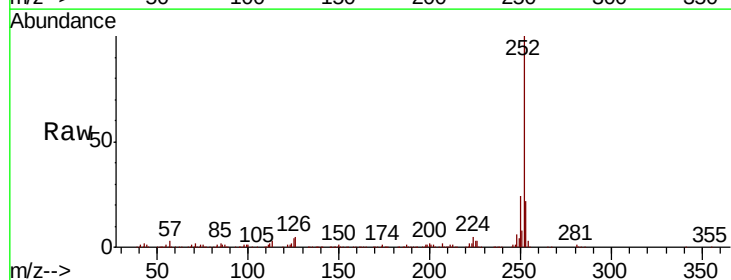
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.9	16.7	25.1

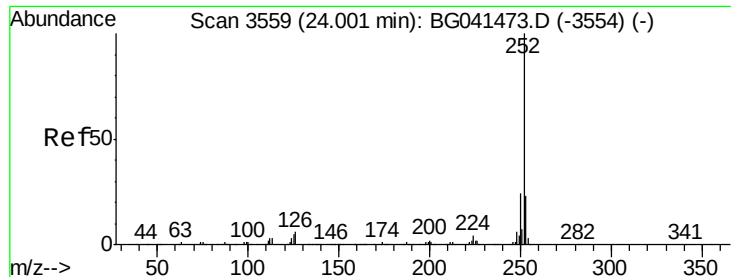


#88
Benzo(b)fluoranthene
Concen: 38.061 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:252 Resp: 571348

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	4.4	3.5	5.3

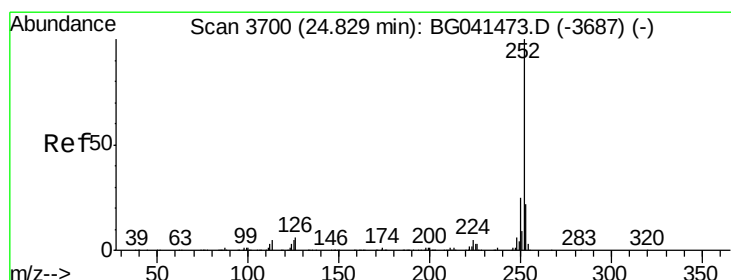
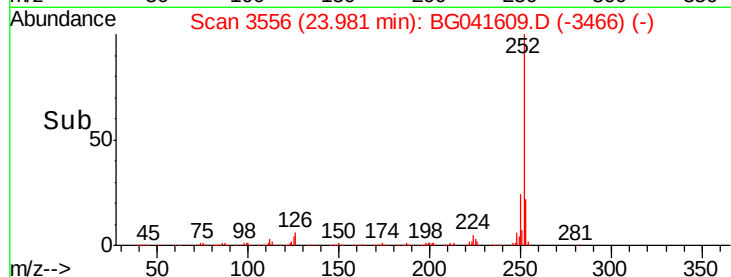
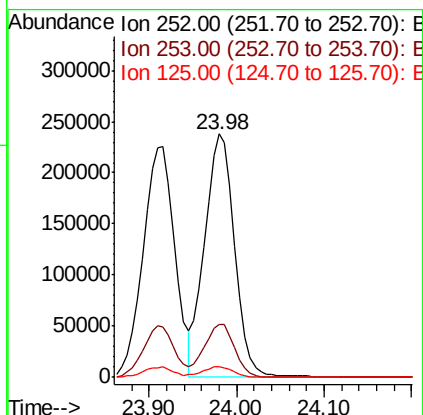
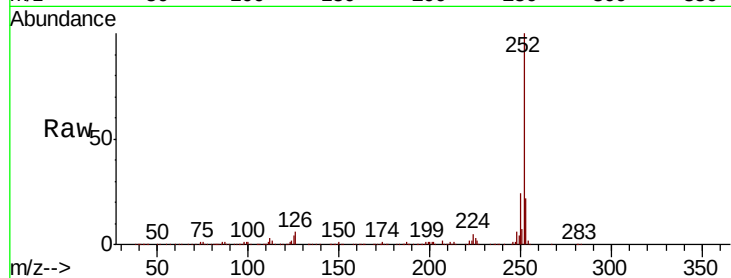




#89
Benzo(k)fluoranthene
Concen: 38.145 ng
RT: 23.98 min Scan# 3556
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

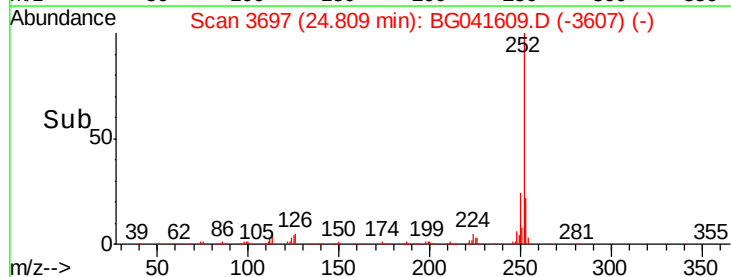
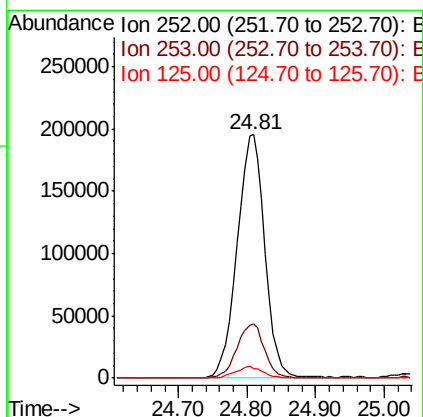
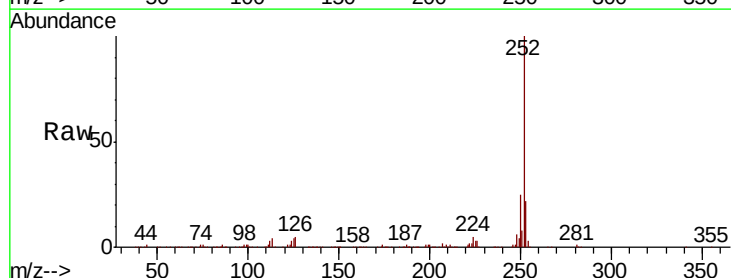
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

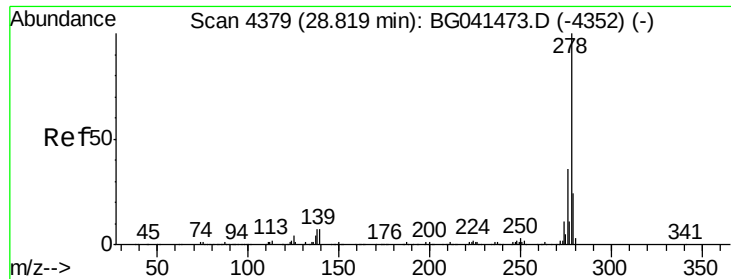
Tot Ion:252 Resp: 562175
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 4.4 3.5 5.3



#90
Benzo(a)pyrene
Concen: 38.365 ng
RT: 24.81 min Scan# 3697
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:252 Resp: 546965
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 4.1 3.3 4.9



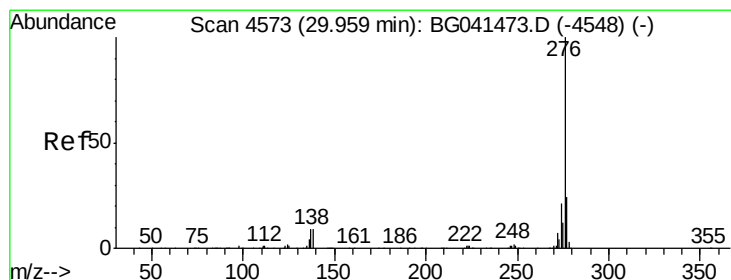
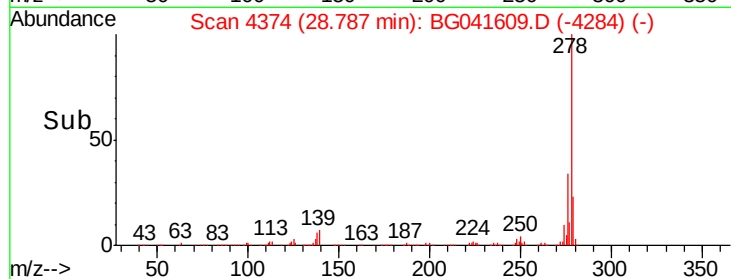
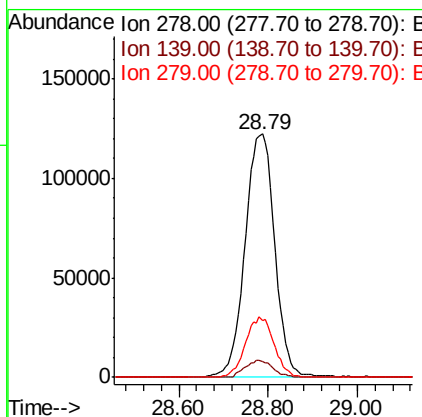
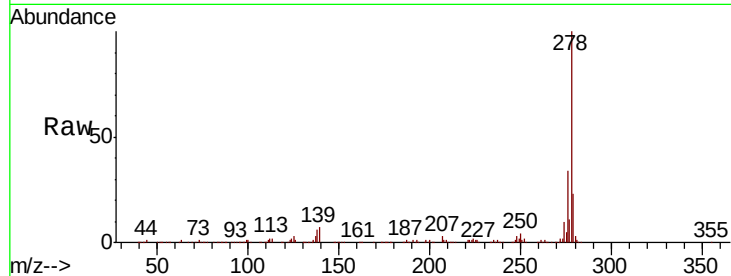


#91
Dibenzo(a,h)anthracene
Concen: 39.072 ng
RT: 28.79 min Scan# 4374
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 558071

Ion	Ratio	Lower	Upper
278	100		
139	6.7	5.4	8.0
279	23.3	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 38.889 ng
RT: 29.91 min Scan# 4565
Delta R.T. 0.00 min
Lab File: BG041609.D
Acq: 5 Jul 2019 13:27

Tgt Ion:276 Resp: 552267

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	8.0	6.4	9.6

