

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
 Data File : BG041631.D
 Acq On : 11 Jul 2019 23:20
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071119

Quant Time: Jul 12 05:59:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 05:39:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	89603	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	393947	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	249256	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	590918	20.00	ng	0.00
76) Chrysene-d12	21.66	240	550854	20.00	ng	0.00
87) Perylene-d12	24.87	264	641106	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	430712	80.66	ng	0.00
7) Phenol-d6	7.20	99	575030	79.49	ng	0.00
23) Nitrobenzene-d5	9.21	82	517403	80.04	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	224067	78.61	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1286273	81.13	ng	0.00
79) Terphenyl-d14	20.02	244	1762472	78.20	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	97522	40.252	ng	# 82
3) Pyridine	3.90	79	268229	42.715	ng	# 86
4) n-Nitrosodimethylamine	3.81	42	125528	39.255	ng	# 76
6) Aniline	7.37	93	392237	39.567	ng	99
8) 2-Chlorophenol	7.62	128	235506	39.423	ng	97
9) Benzaldehyde	7.19	77	162317	40.331	ng	98
10) Phenol	7.23	94	299370	39.858	ng	82
11) bis(2-Chloroethyl)ether	7.47	93	243174	39.630	ng	96
12) 1,3-Dichlorobenzene	7.94	146	291180	39.921	ng	# 88
13) 1,4-Dichlorobenzene	8.09	146	292926	40.253	ng	95
14) 1,2-Dichlorobenzene	8.41	146	273383	39.504	ng	95
15) Benzyl Alcohol	8.28	79	234799	40.047	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	524601	39.800	ng	88
17) 2-Methylphenol	8.48	107	210368	39.316	ng	# 91
18) Hexachloroethane	9.15	117	107818	39.853	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	207648	39.084	ng	94
20) 3+4-Methylphenols	8.81	107	293410	39.832	ng	89
22) Acetophenone	8.87	105	376921	38.666	ng	# 95
24) Nitrobenzene	9.25	77	265010	39.256	ng	# 87
25) Isophorone	9.78	82	553873	39.348	ng	# 93
26) 2-Nitrophenol	9.97	139	121168	40.770	ng	# 77
27) 2,4-Dimethylphenol	10.02	122	215017	38.397	ng	86
28) bis(2-Chloroethoxy)methane	10.26	93	338363	38.738	ng	98
29) 2,4-Dichlorophenol	10.50	162	251058	38.751	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	291345	38.589	ng	97
31) Naphthalene	10.91	128	751927	39.086	ng	99
32) Benzoic acid	10.15	122	164409	39.959	ng	# 81
33) 4-Chloroaniline	11.01	127	359882	38.923	ng	# 90
34) Hexachlorobutadiene	11.21	225	190856	39.062	ng	96
35) Caprolactam	11.77	113	93683	37.930	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	263039	39.066	ng	# 81
37) 2-Methylnaphthalene	12.52	142	576322	39.211	ng	# 92
38) 1-Methylnaphthalene	12.73	142	544776	39.049	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	333396	39.476	ng	99

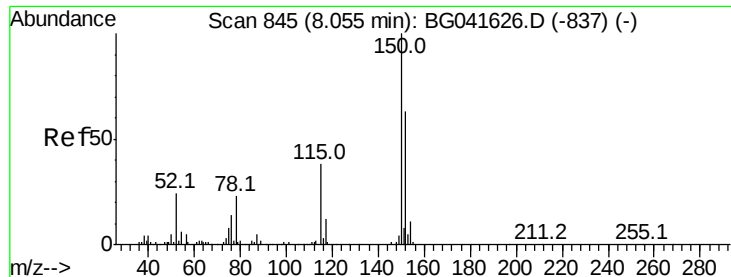
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
 Data File : BG041631.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	199357	38.524	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	220296	39.730	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	224203	39.594	ng	97
46) 1,1'-Biphenyl	13.51	154	733977	39.850	ng	97
47) 2-Chloronaphthalene	13.56	162	604577	39.413	ng	97
48) 2-Nitroaniline	13.74	65	178130	41.957	ng #	78
49) Acenaphthylene	14.40	152	927528	39.704	ng	98
50) Dimethylphthalate	14.13	163	777768	39.824	ng	100
51) 2,6-Dinitrotoluene	14.24	165	161597	41.478	ng #	78
52) Acenaphthene	14.74	154	588273	39.281	ng	93
53) 3-Nitroaniline	14.57	138	177932	40.738	ng #	91
54) 2,4-Dinitrophenol	14.77	184	72232	41.068	ng #	85
55) Dibenzofuran	15.07	168	892079	39.765	ng	95
56) 4-Nitrophenol	14.85	139	142353	40.964	ng #	68
57) 2,4-Dinitrotoluene	15.02	165	215065	41.968	ng #	84
58) Fluorene	15.72	166	723567	39.778	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	216796	40.662	ng	97
60) Diethylphthalate	15.49	149	785707	39.791	ng	97
61) 4-Chlorophenyl-phenylether	15.71	204	412429	39.569	ng	99
62) 4-Nitroaniline	15.72	138	187919	40.544	ng #	68
63) Azobenzene	16.01	77	684709	39.389	ng	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	102503	42.940	ng	98
66) n-Nitrosodiphenylamine	15.92	169	663033	39.156	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	270867	39.121	ng	97
68) Hexachlorobenzene	16.72	284	277243	39.552	ng #	94
69) Atrazine	16.86	200	208710	41.019	ng	97
70) Pentachlorophenol	17.06	266	173115	39.779	ng	99
71) Phenanthrene	17.46	178	1154363	37.383	ng	97
72) Anthracene	17.54	178	1170746	36.251	ng	97
73) Carbazole	17.80	167	1081100	36.314	ng	97
74) Di-n-butylphthalate	18.38	149	1321773	36.190	ng	97
75) Fluoranthene	19.45	202	1406909	37.842	ng	91
77) Benzidine	19.62	184	594101	35.970	ng	96
78) Pyrene	19.81	202	1414978	39.923	ng	93
80) Butylbenzylphthalate	20.71	149	616421	39.208	ng	96
81) Benzo(a)anthracene	21.65	228	1400798	36.753	ng	95
82) 3,3'-Dichlorobenzidine	21.56	252	571862	38.615	ng #	98
83) Chrysene	21.71	228	1343207	39.591	ng	94
84) Bis(2-ethylhexyl)phthalate	21.58	149	866303	37.810	ng	96
85) Di-n-octyl phthalate	22.80	149	1518113	38.177	ng #	94
86) Indeno(1,2,3-cd)pyrene	28.53	276	1727131	39.369	ng #	94
88) Benzo(b)fluoranthene	23.85	252	1532099	40.253	ng #	93
89) Benzo(k)fluoranthene	23.93	252	1433428	39.517	ng #	94
90) Benzo(a)pyrene	24.72	252	1442380	39.543	ng #	94
91) Dibenzo(a,h)anthracene	28.60	278	1387981	39.185	ng #	92
92) Benzo(g,h,i)perylene	29.67	276	1384209	39.176	ng #	90

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

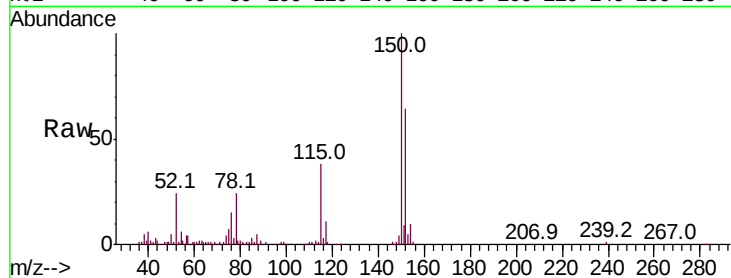


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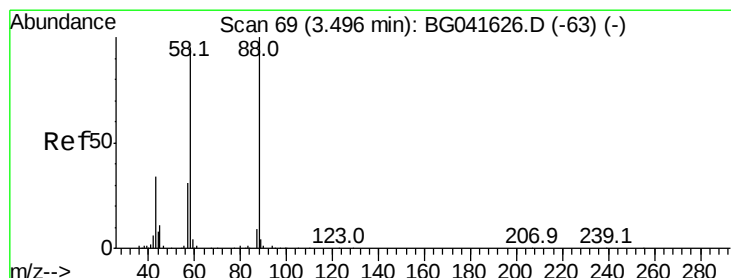
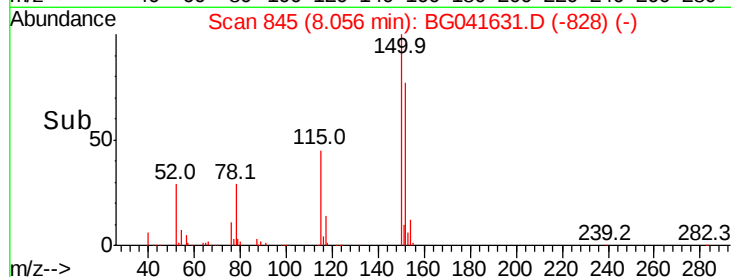
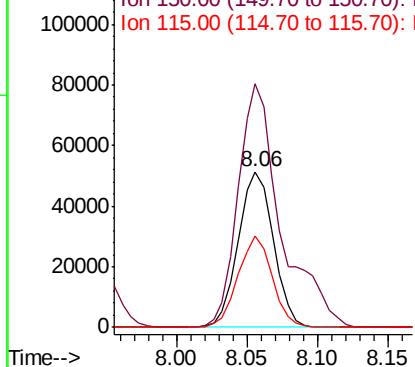
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Instrument :
BNA_G
ClientSampleId :
ICVBG071119

Tot Ion:152 Resp: 89603
Ion Ratio Lower Upper
152 100
150 156.4 120.6 181.0
115 58.9 47.9 71.9



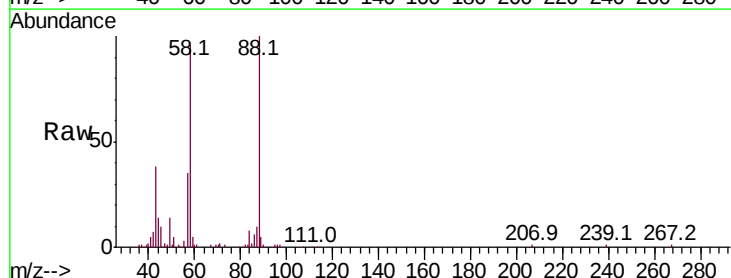
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



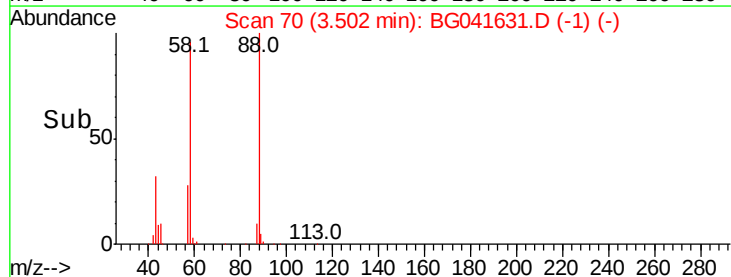
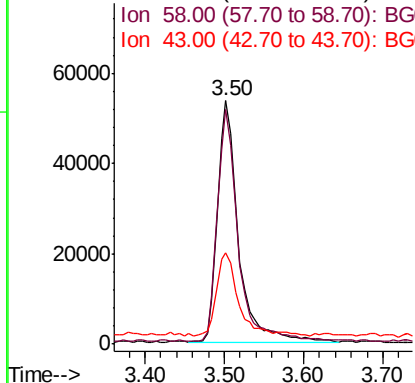
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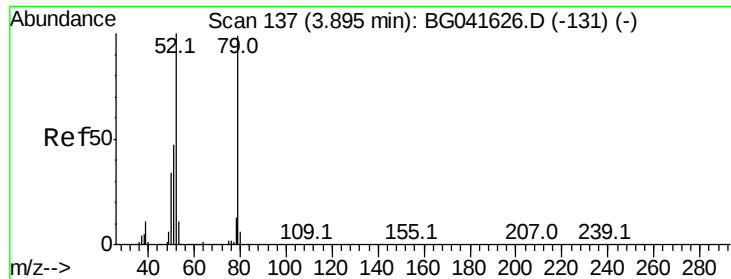
1,4-Dioxane
Concen: 40.252 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.01 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion: 88 Resp: 97522
Ion Ratio Lower Upper
88 100
58 94.7 59.7 89.5#
43 36.1 31.9 47.9



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





#3

Pvridine

Concen: 42.715 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

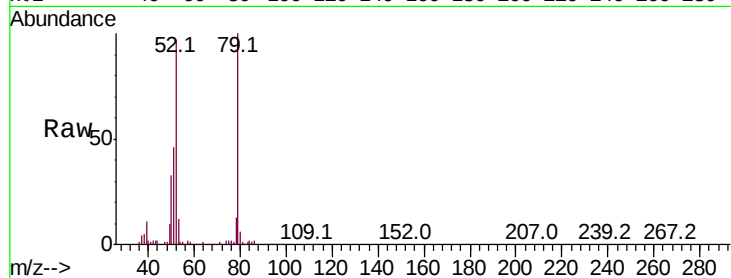
Tot Ion: 79 Resp: 268229

Ion Ratio Lower Upper

79 100

52 96.8 63.6 95.4#

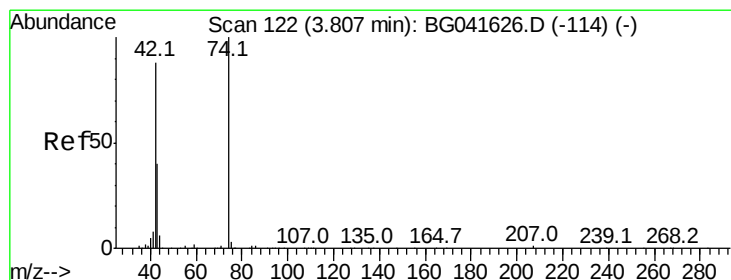
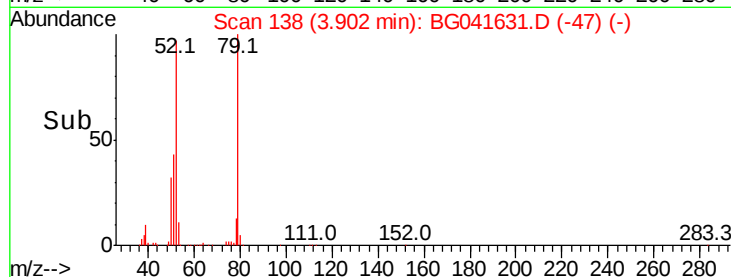
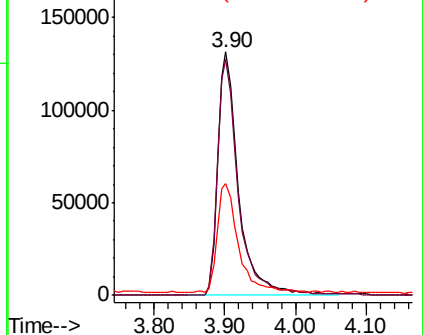
51 46.1 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.255 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

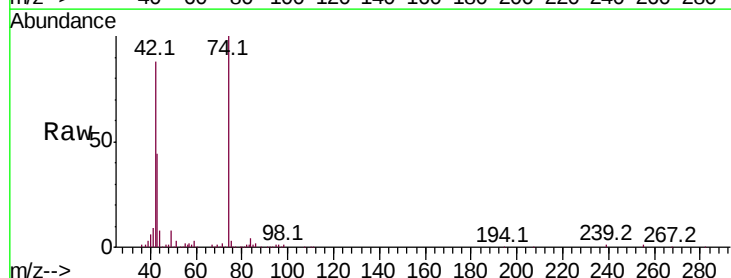
Tgt Ion: 42 Resp: 125528

Ion Ratio Lower Upper

42 100

74 114.0 71.6 107.4#

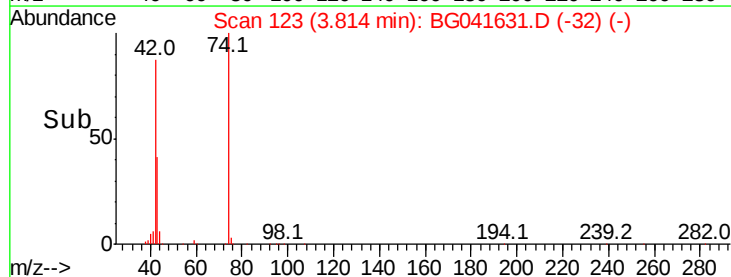
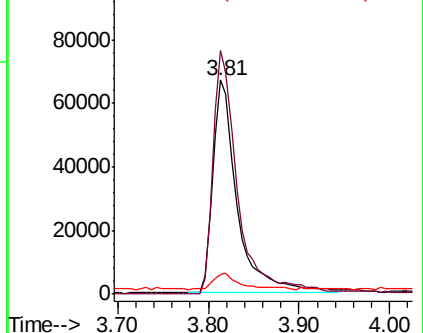
44 9.2 9.0 13.4

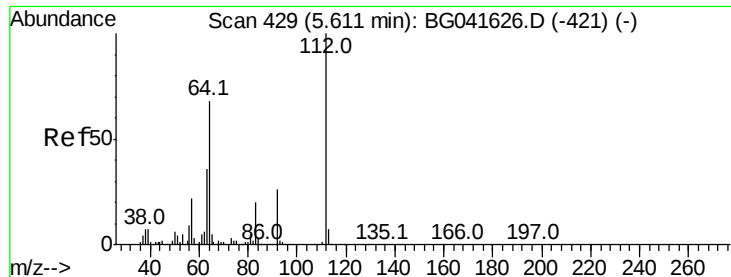


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.664 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

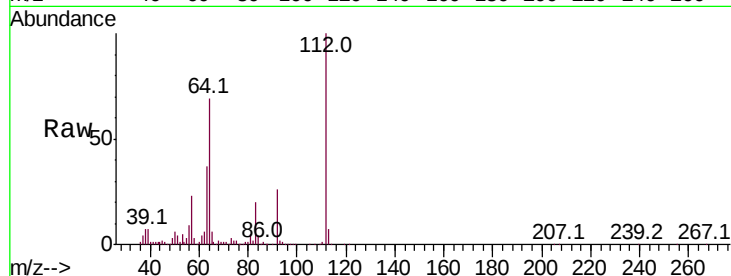
Tot Ion:112 Resp: 430712

Ion Ratio Lower Upper

112 100

64 69.4 55.9 83.9

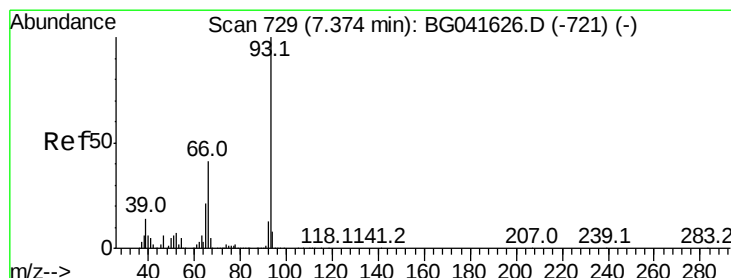
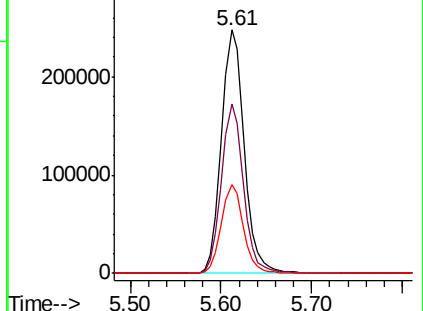
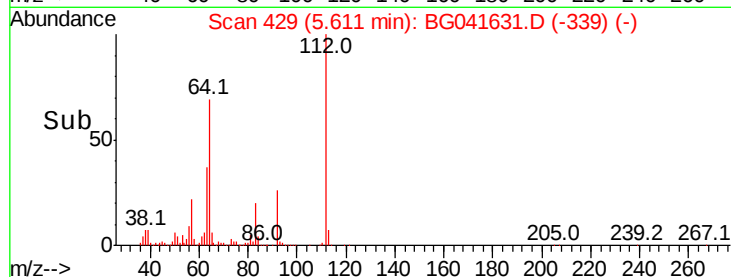
63 36.6 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.567 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

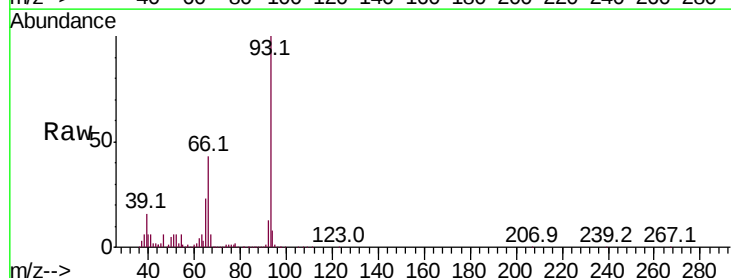
Tgt Ion: 93 Resp: 392237

Ion Ratio Lower Upper

93 100

66 43.0 34.2 51.2

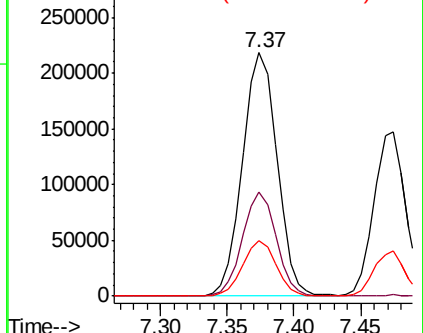
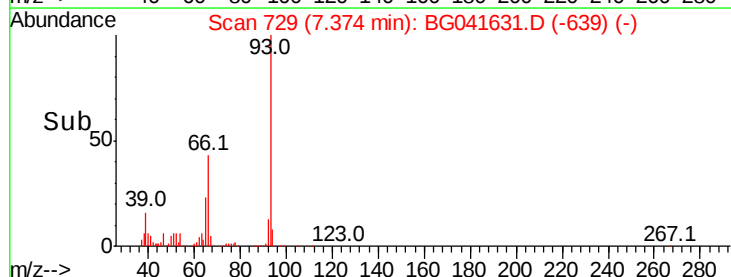
65 22.7 17.7 26.5

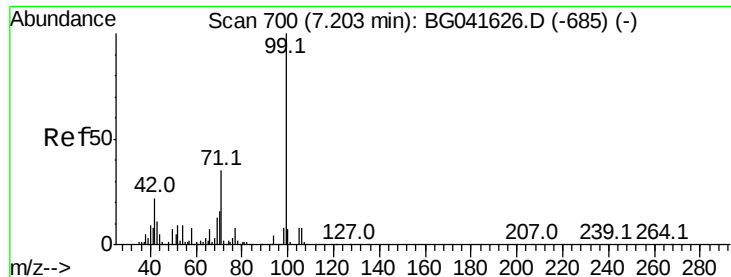


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.491 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

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ClientSampleId :

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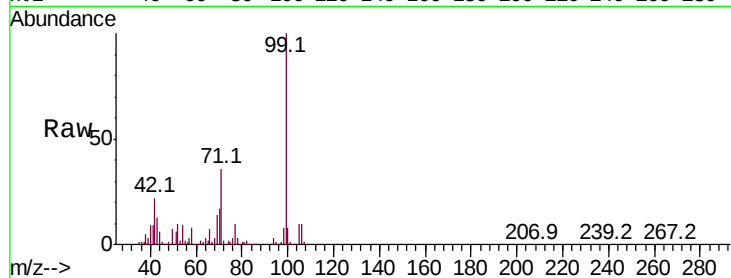
Tot Ion: 99 Resp: 575030

Ion Ratio Lower Upper

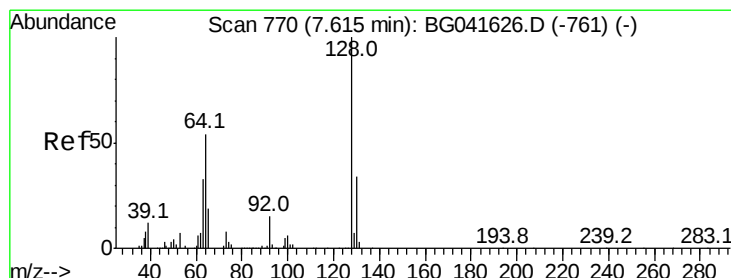
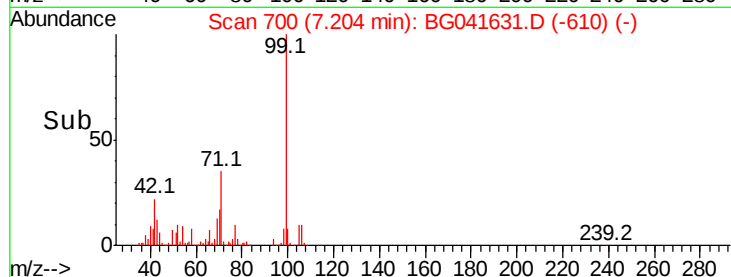
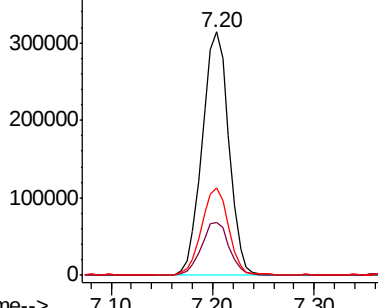
99 100

42 21.8 19.9 29.9

71 35.8 36.4 54.6#



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



#8

2-Chlorophenol

Concen: 39.423 ng

RT: 7.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

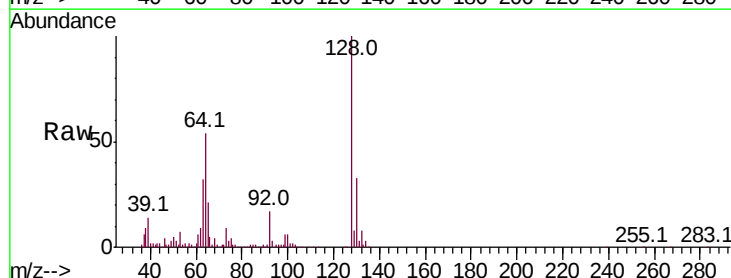
Tgt Ion: 128 Resp: 235506

Ion Ratio Lower Upper

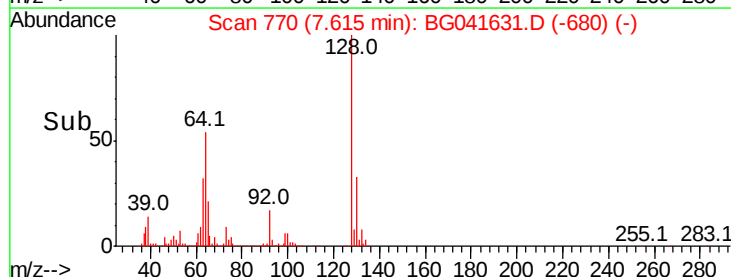
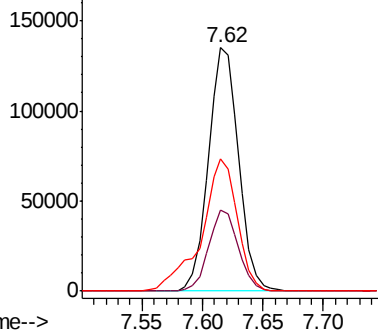
128 100

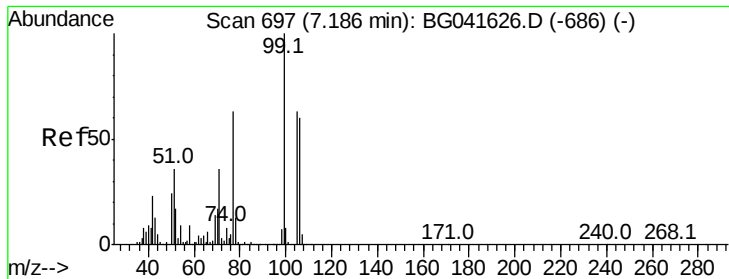
130 33.3 11.1 51.1

64 54.3 36.6 76.6



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





#9

Benzaldehyde

Concen: 40.331 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

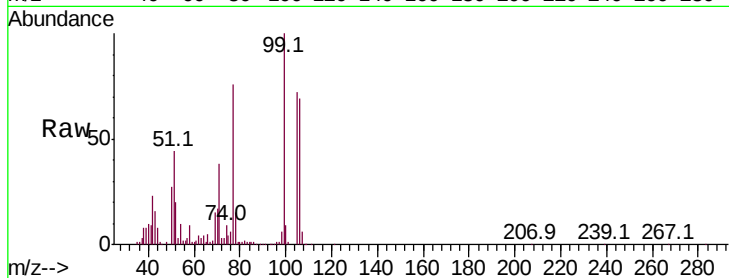
Tot Ion: 77 Resp: 162317

Ion Ratio Lower Upper

77 100

105 94.6 78.7 118.7

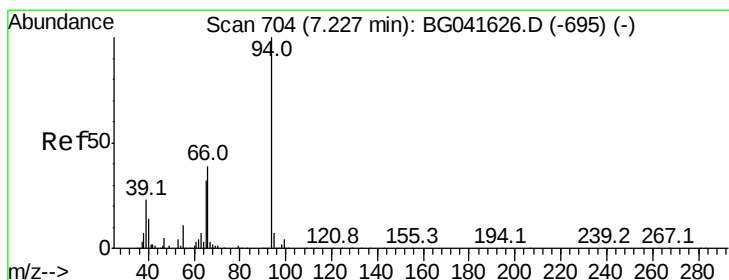
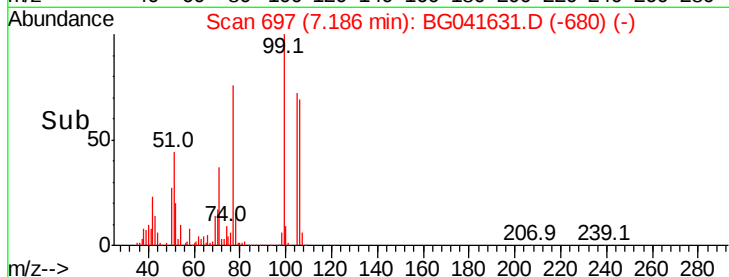
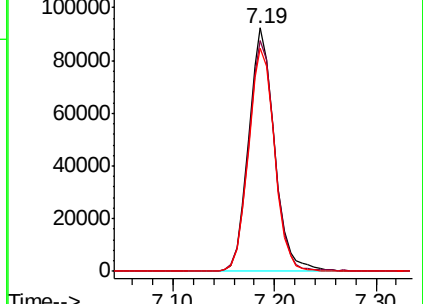
106 91.4 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.858 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

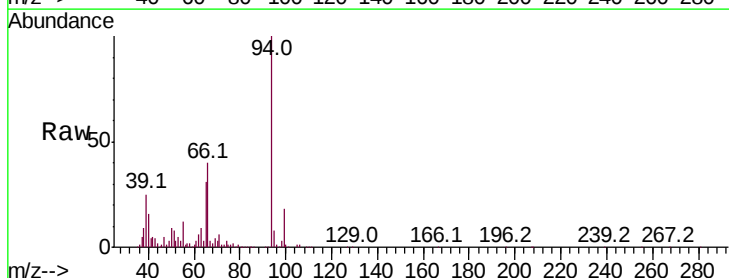
Tgt Ion: 94 Resp: 299370

Ion Ratio Lower Upper

94 100

65 31.0 18.7 58.7

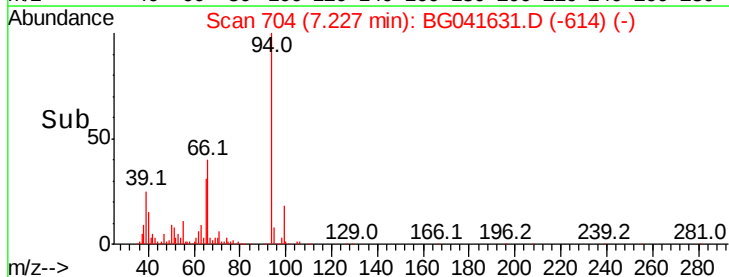
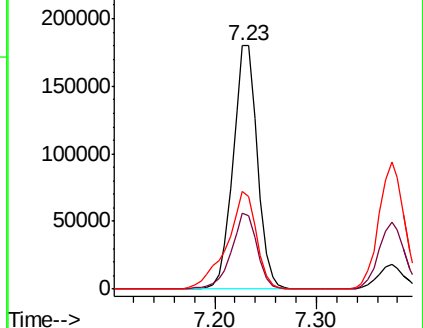
66 40.3 35.5 75.5

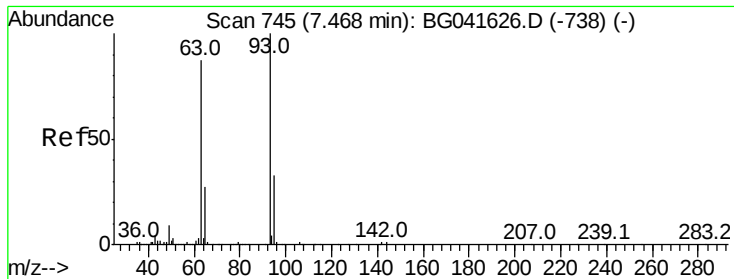


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.630 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

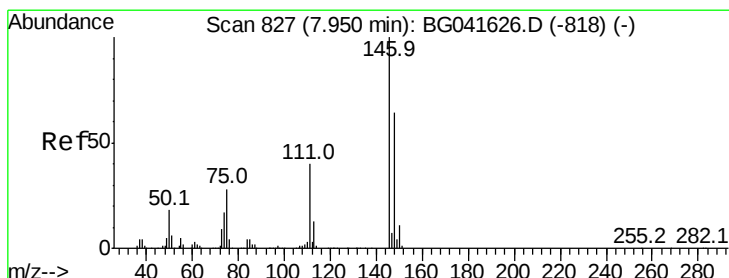
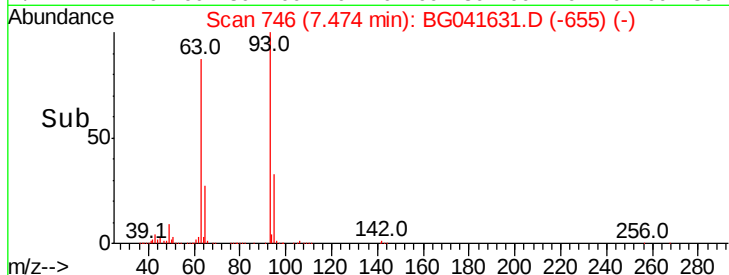
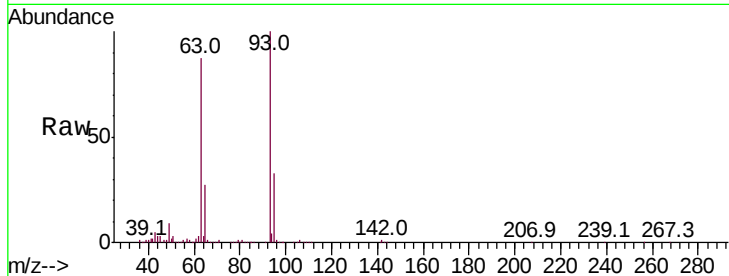
Tot Ion: 93 Resp: 243174

Ion Ratio Lower Upper

93 100

63 87.0 63.6 103.6

95 32.7 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 39.921 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

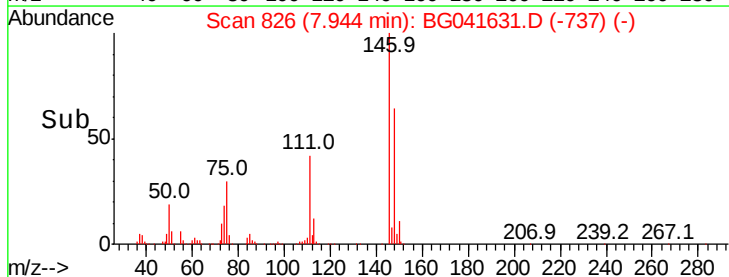
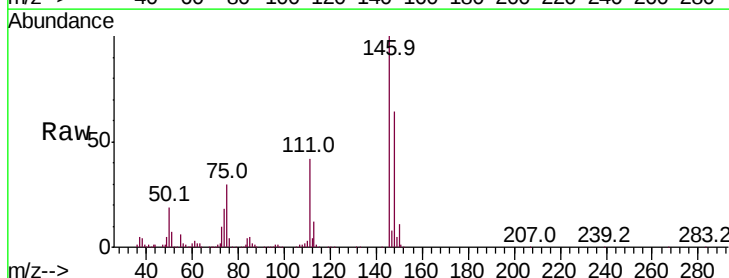
Tgt Ion: 146 Resp: 291180

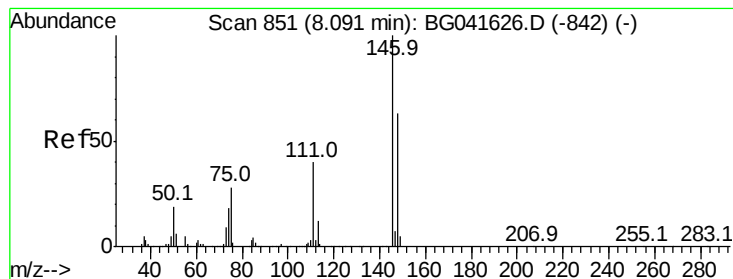
Ion Ratio Lower Upper

146 100

148 64.4 46.5 69.7

75 29.6 32.2 48.4#





#13

1,4-Dichlorobenzene

Concen: 40.253 ng

RT: 8.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

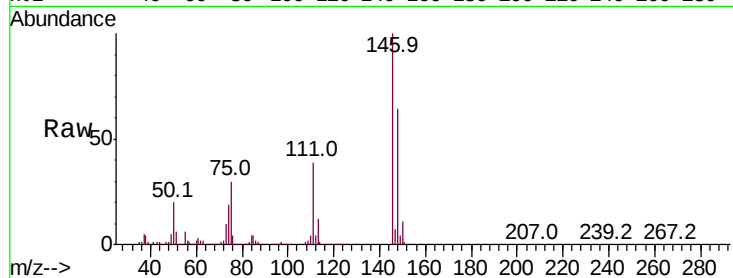
Tot Ion:146 Resp: 292926

Ion Ratio Lower Upper

146 100

148 63.7 47.3 70.9

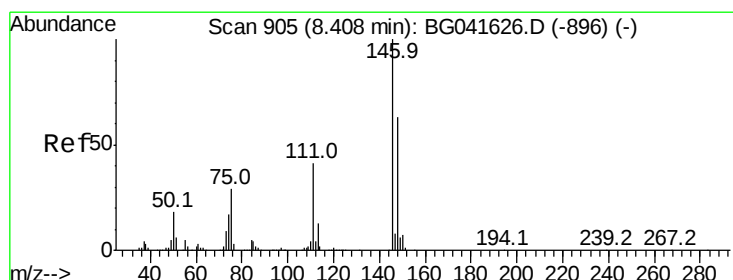
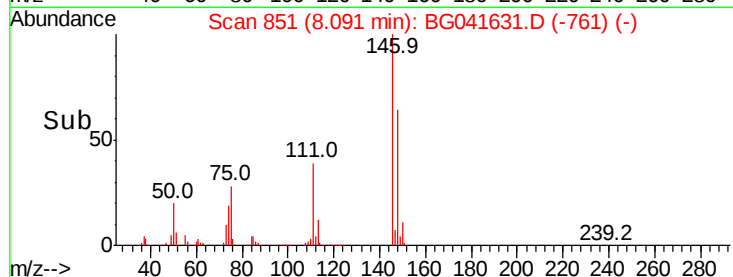
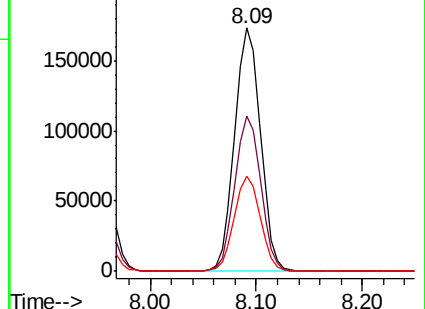
111 39.2 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.504 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

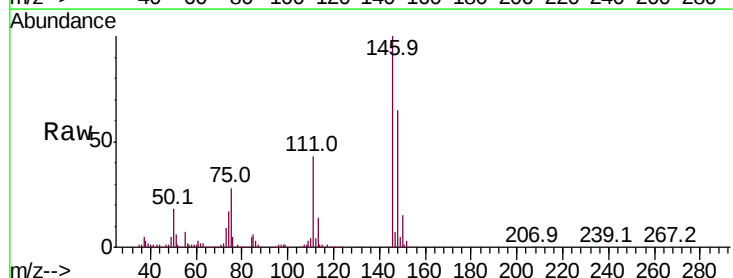
Tgt Ion:146 Resp: 273383

Ion Ratio Lower Upper

146 100

148 64.9 54.9 82.3

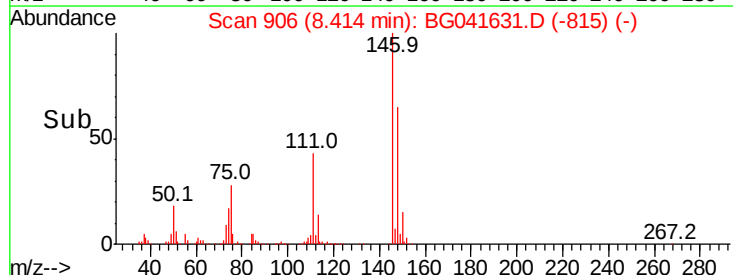
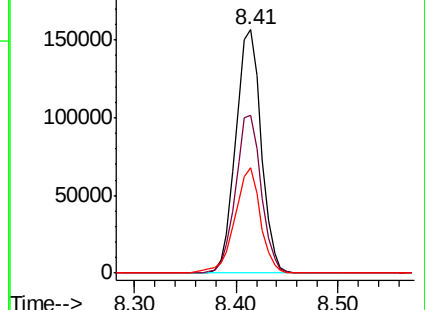
111 43.0 37.0 55.6

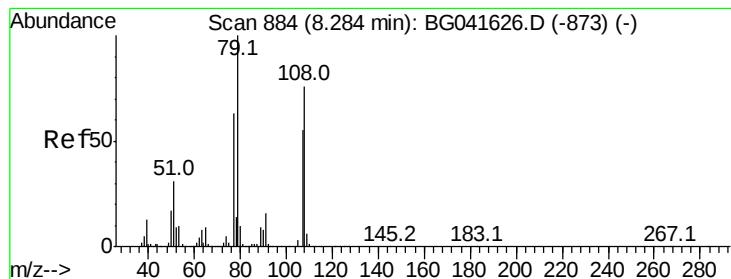


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.047 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

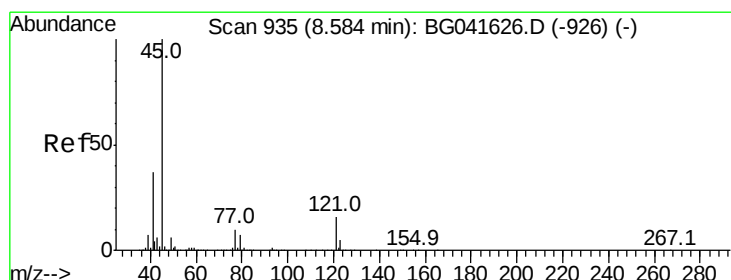
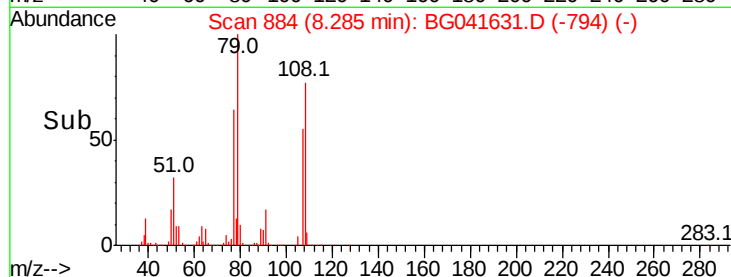
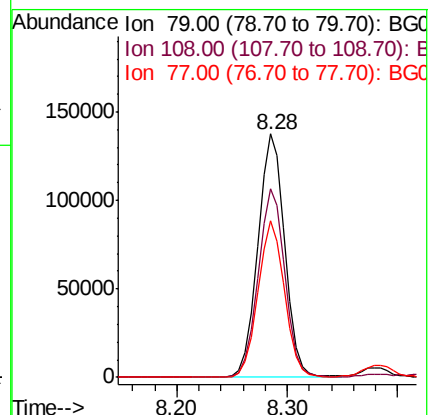
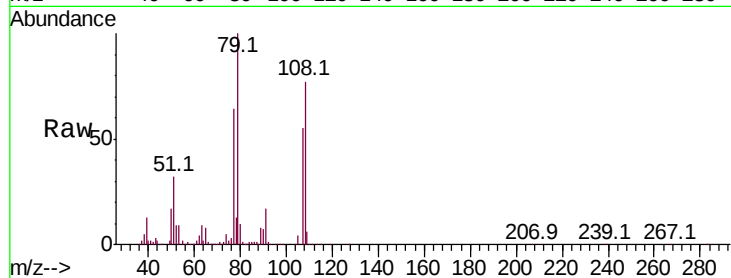
Tot Ion: 79 Resp: 234799

Ion Ratio Lower Upper

79 100

108 77.2 52.7 79.1

77 64.1 55.2 82.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.800 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

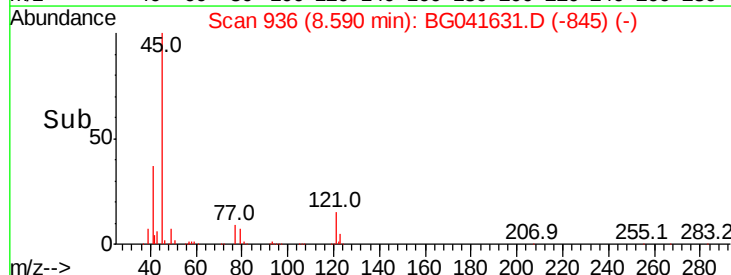
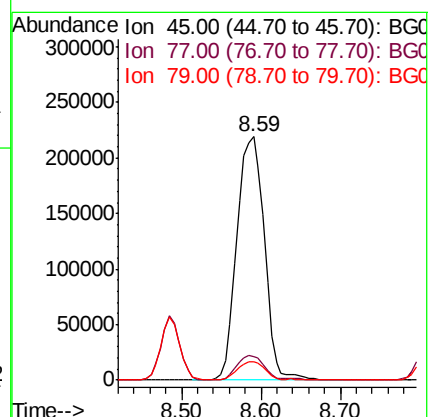
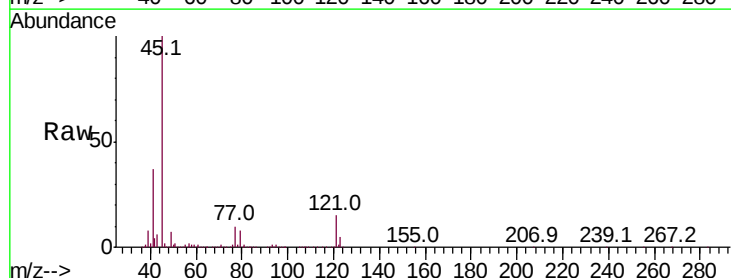
Tgt Ion: 45 Resp: 524601

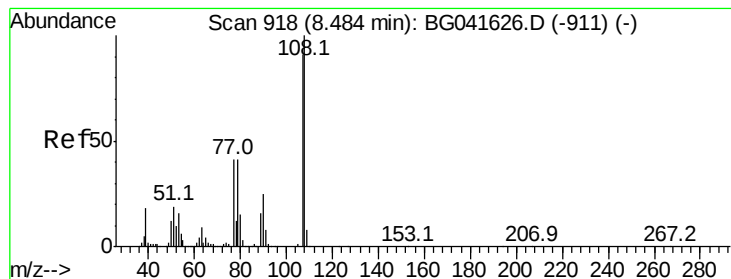
Ion Ratio Lower Upper

45 100

77 9.9 0.0 35.2

79 7.5 0.0 31.6

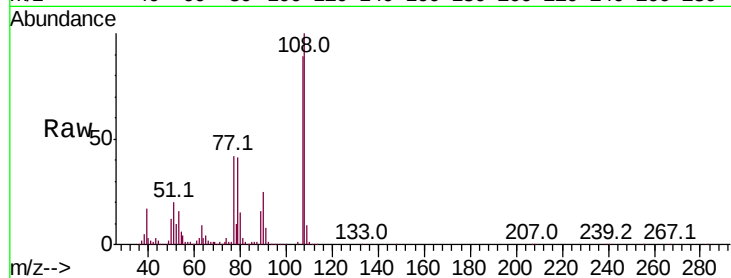




#17
2-Methylphenol
Concen: 39.316 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Instrument :
BNA_G
ClientSampleId :
ICVBG071119

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.7	137.5
77	47.8	47.8	71.8#
79	46.1	46.8	70.2#



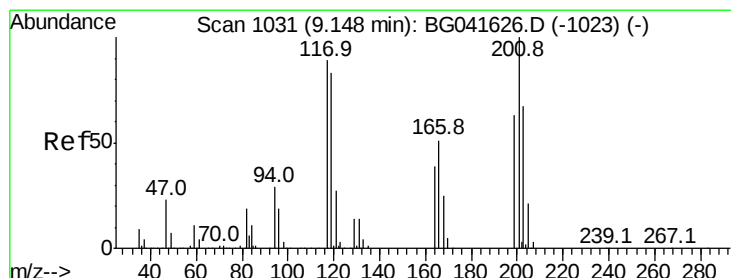
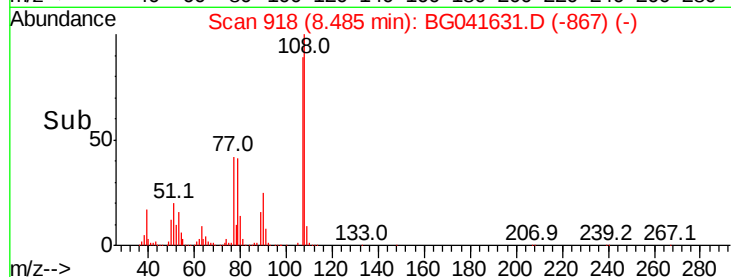
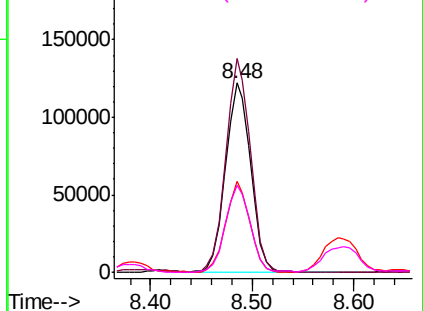
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

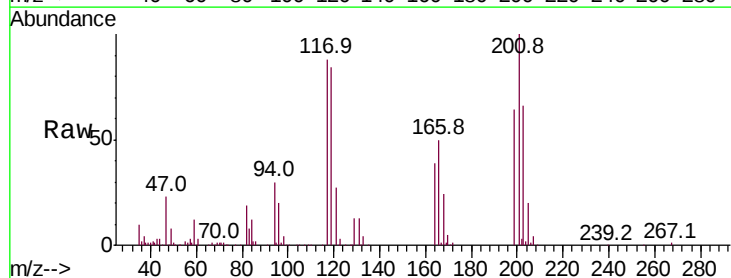
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.853 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.8	115.2
201	113.5	106.3	159.5

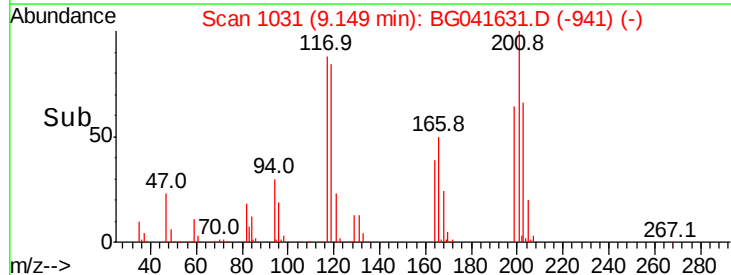
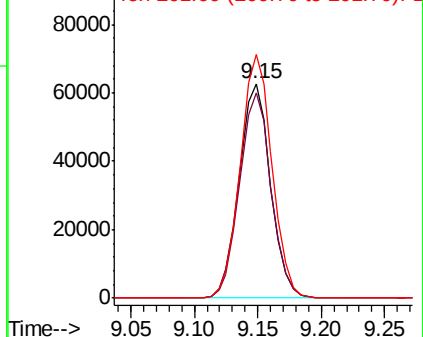


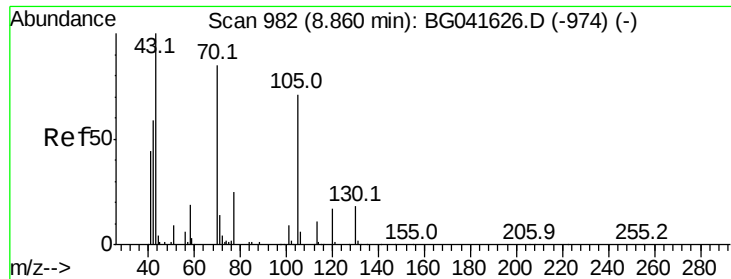
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

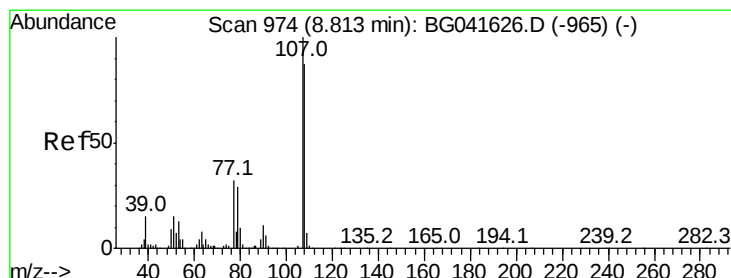
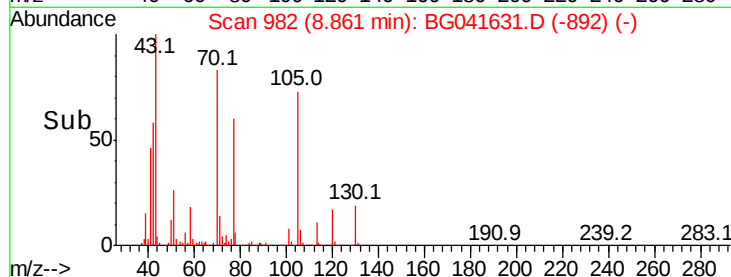
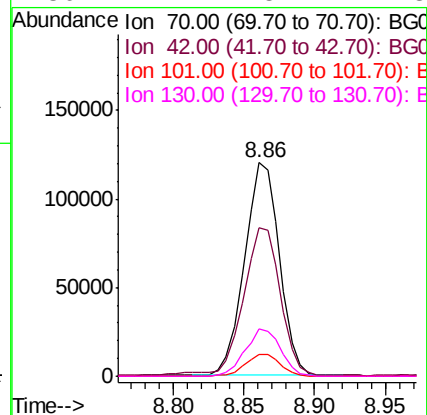
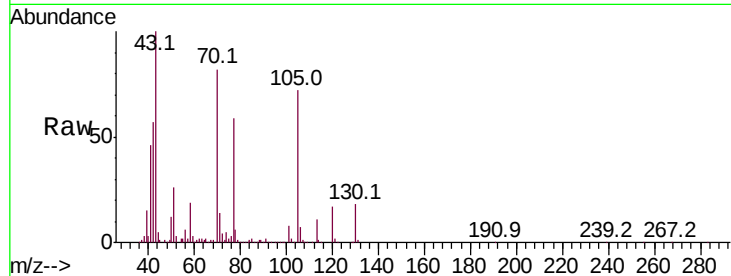




#19
n-Nitroso-di-n-propylamine
Concen: 39.084 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

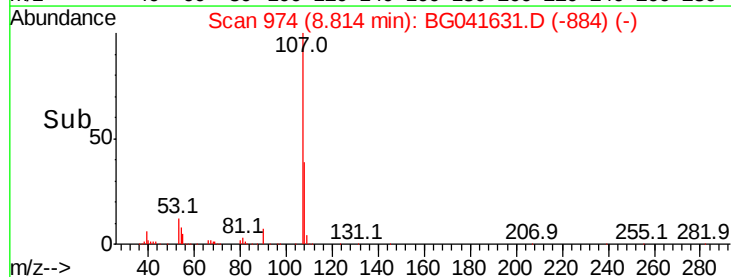
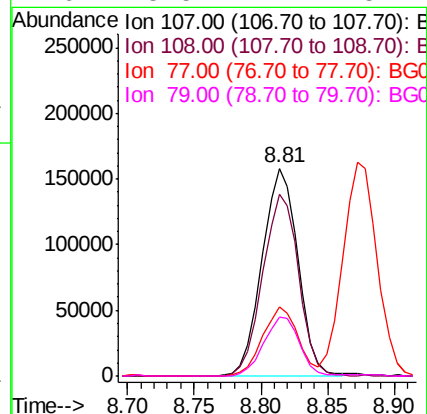
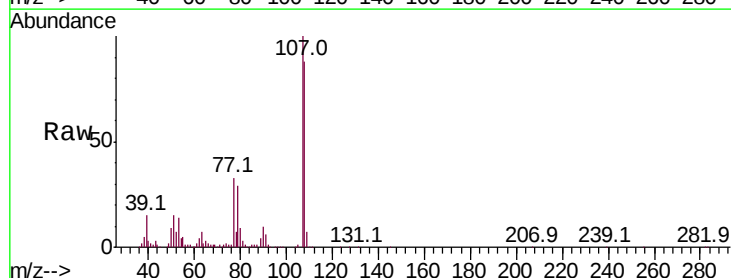
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

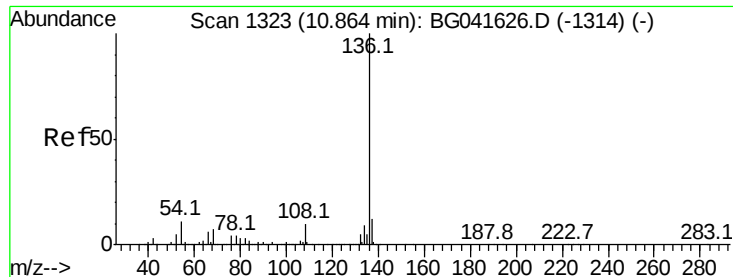
Tot Ion:	70	Resp:	207648
Ion	Ratio	Lower	Upper
70	100		
42	69.8	51.4	77.2
101	9.9	8.2	12.2
130	22.4	15.2	22.8



#20
3+4-Methylphenols
Concen: 39.832 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion:	107	Resp:	293410
Ion	Ratio	Lower	Upper
107	100		
108	87.7	60.4	100.4
77	33.1	21.2	61.2
79	28.5	17.7	57.7

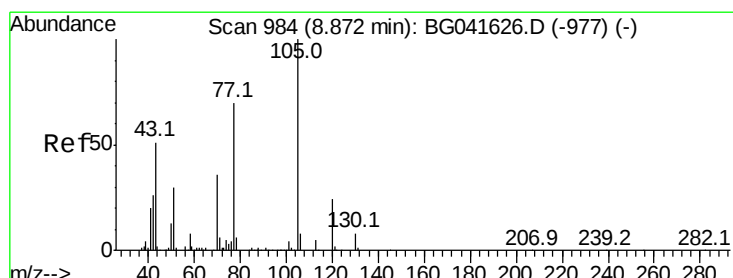
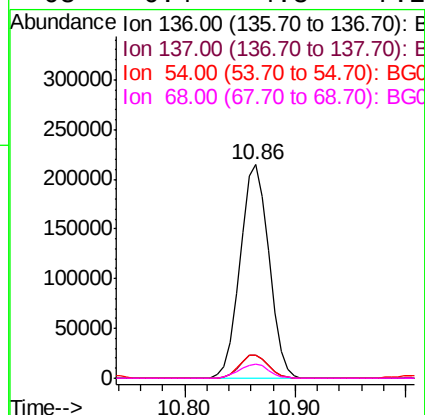
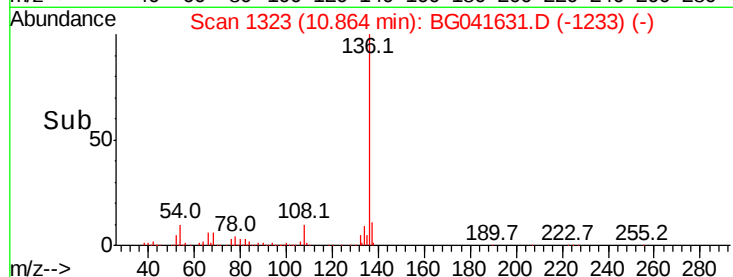
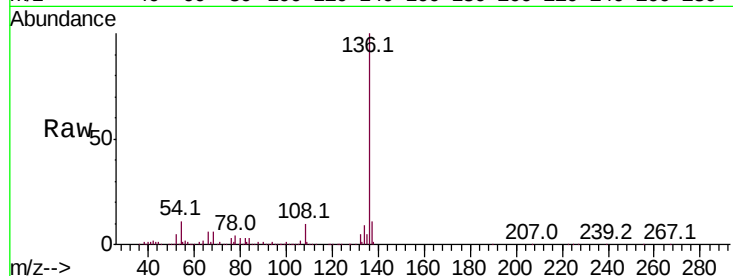




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

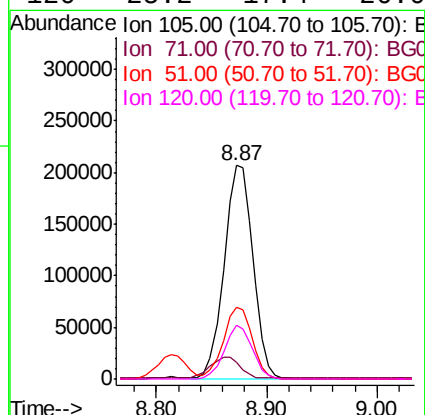
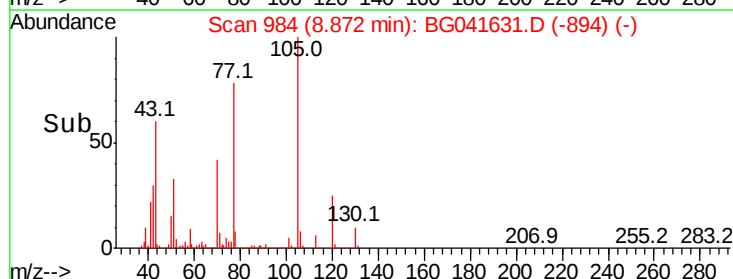
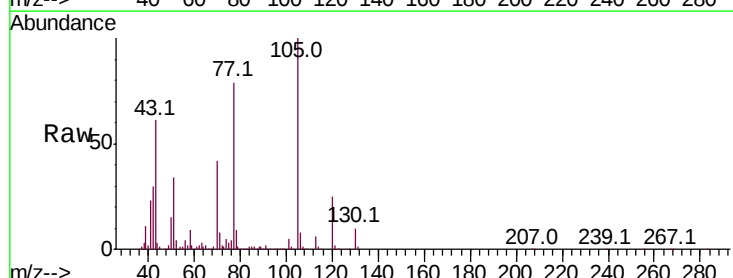
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

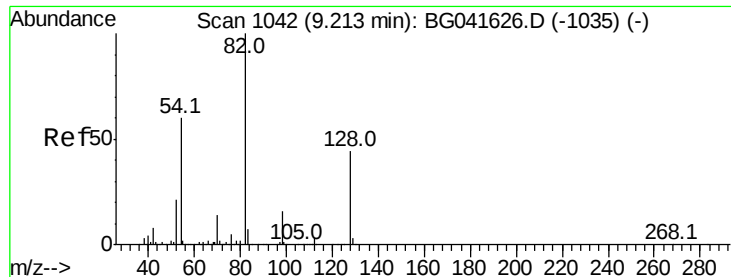
Tot Ion:136	Resp:	393947
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	10.5	6.4 9.6#
68	6.4	4.8 7.2



#22
Acetophenone
Concen: 38.666 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion:105	Resp:	376921
Ion Ratio	Lower	Upper
105	100	
71	7.5	0.4 0.6#
51	33.7	28.2 42.4
120	25.2	17.4 26.0

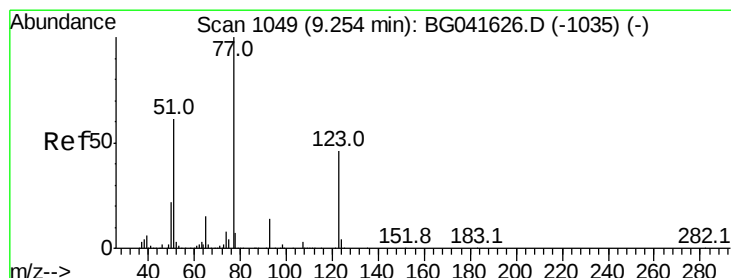
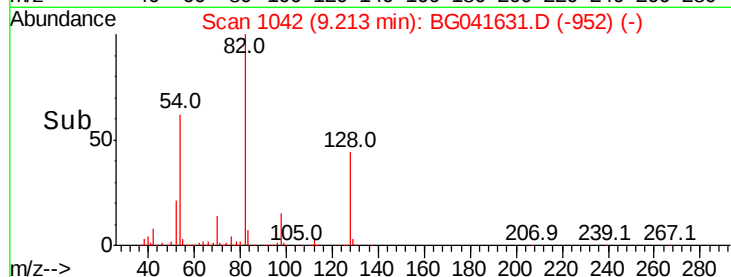
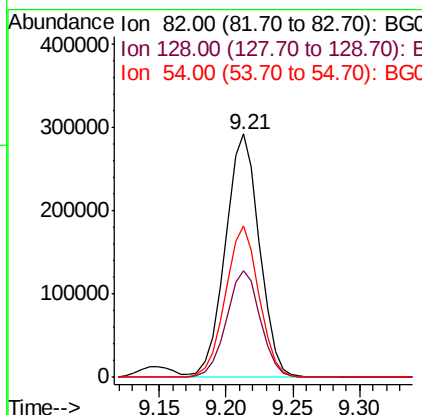
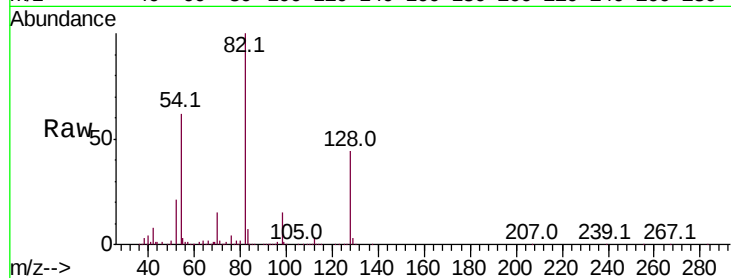




#23
Nitrobenzene-d5
Concen: 80.043 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

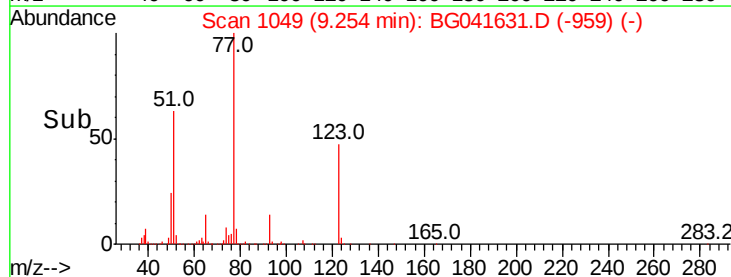
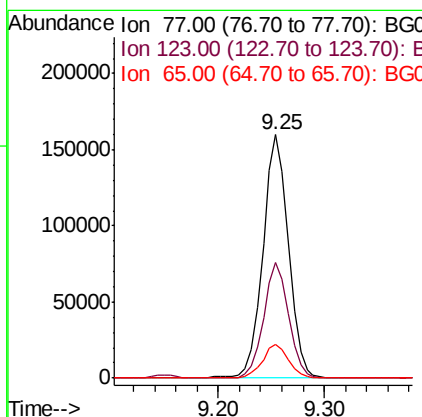
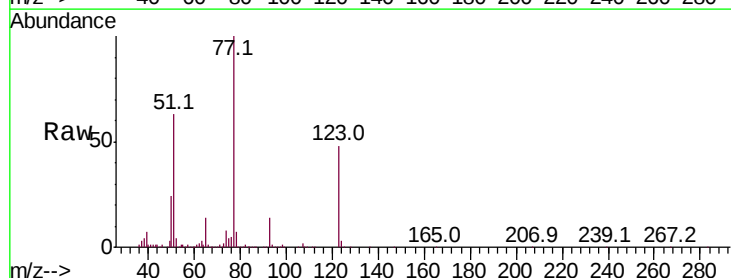
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

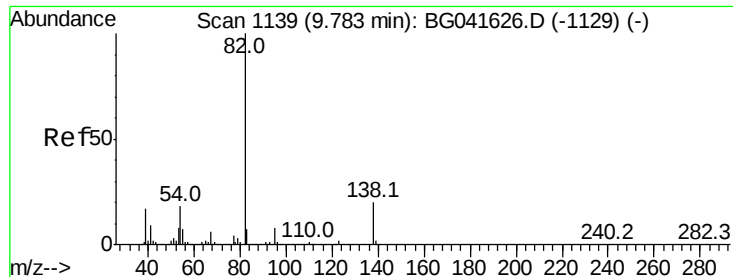
Tot Ion	82	Resp	517403
Ion Ratio	Lower	Upper	
82	100		
128	43.6	29.2	43.8
54	62.0	43.4	65.0



#24
Nitrobenzene
Concen: 39.256 ng
RT: 9.25 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion	77	Resp	265010
Ion Ratio	Lower	Upper	
77	100		
123	47.5	30.4	45.6#
65	13.7	13.3	19.9





#25

Isophorone

Concen: 39.348 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

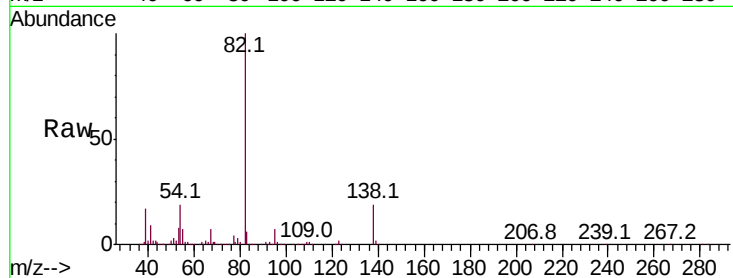
Tot Ion: 82 Resp: 553873

Ion Ratio Lower Upper

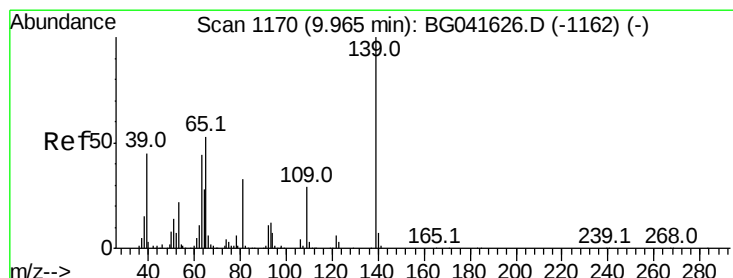
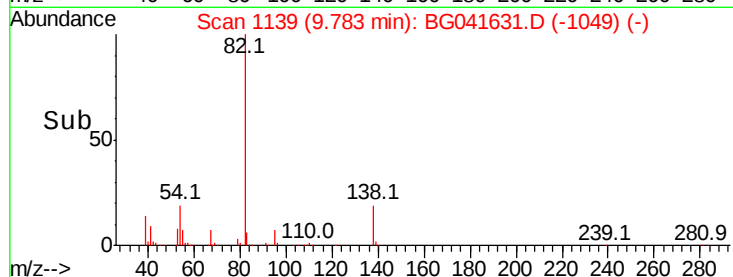
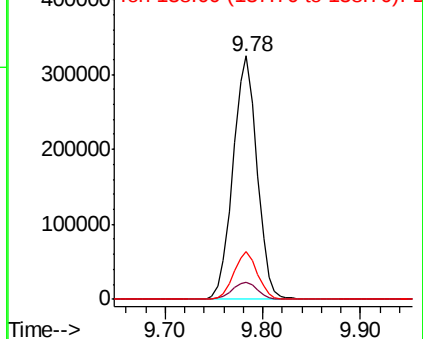
82 100

95 7.2 6.6 10.0

138 19.4 12.3 18.5#



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



#26

2-Nitrophenol

Concen: 40.770 ng

RT: 9.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

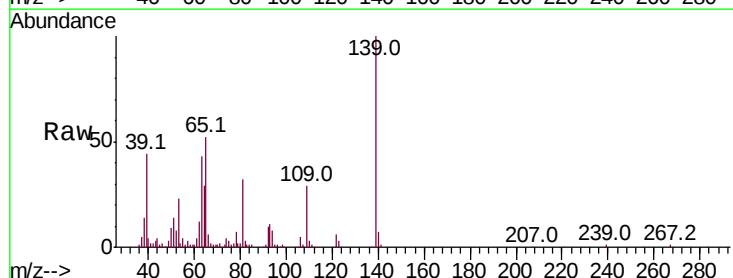
Tgt Ion: 139 Resp: 121168

Ion Ratio Lower Upper

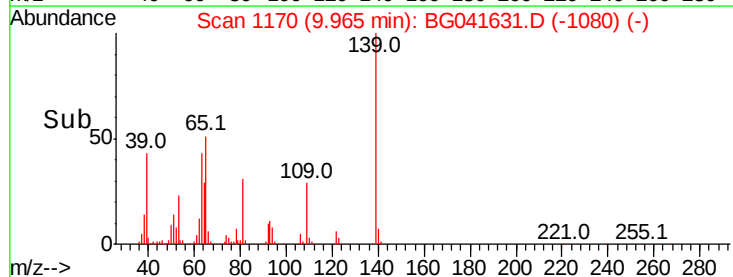
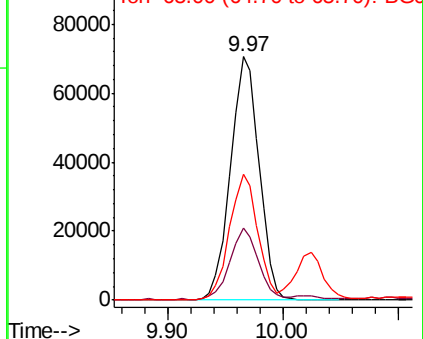
139 100

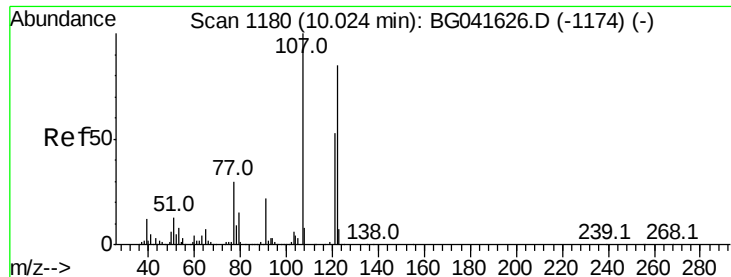
109 29.4 38.4 57.6#

65 51.6 53.6 80.4#



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

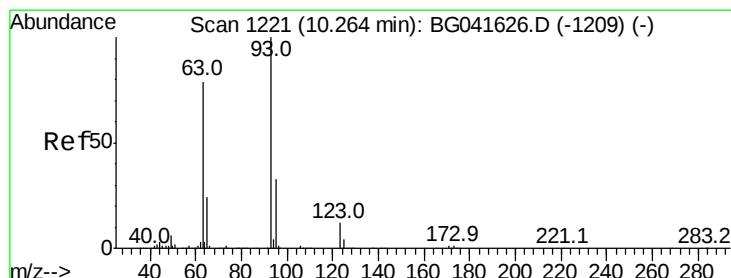
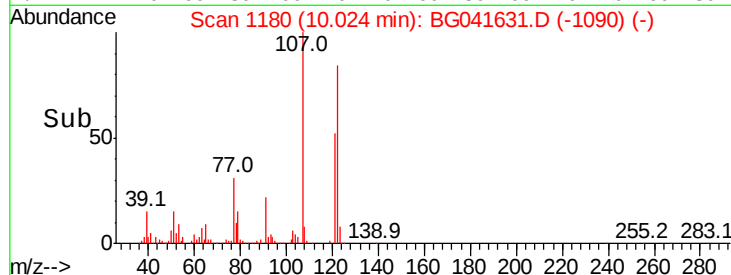
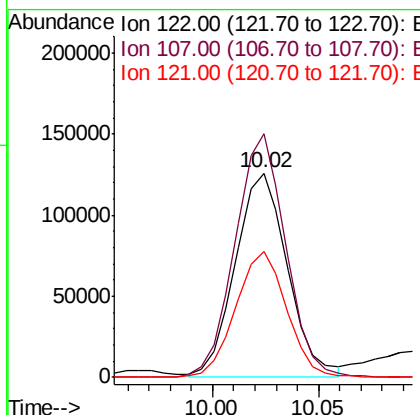
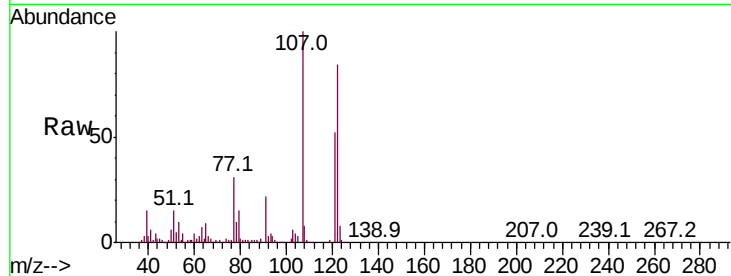




#27
 2,4-Dimethylphenol
 Concen: 38.397 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

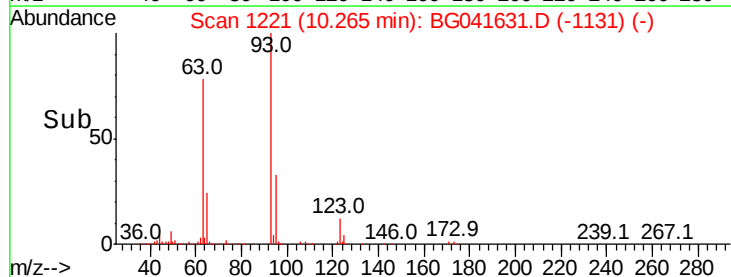
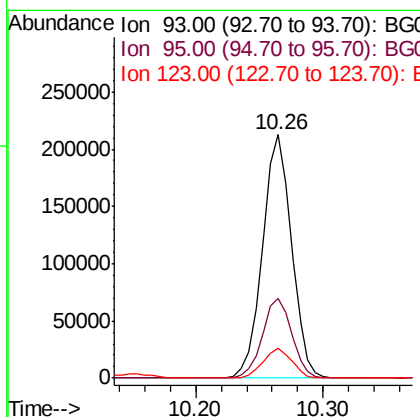
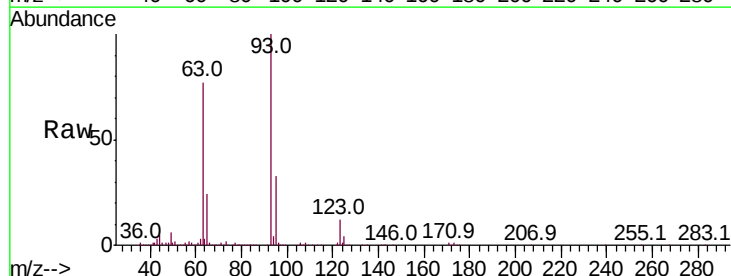
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071119

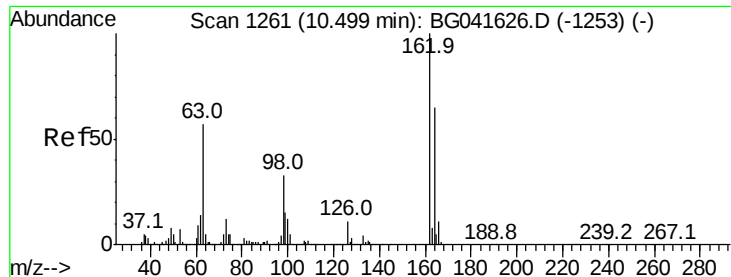
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.0	115.1	172.7
121	61.7	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.738 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.3	40.9
123	12.3	9.6	14.4

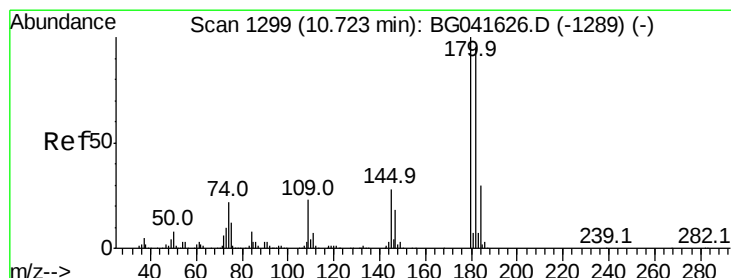
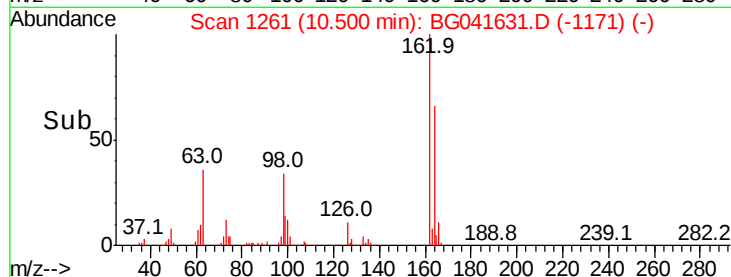
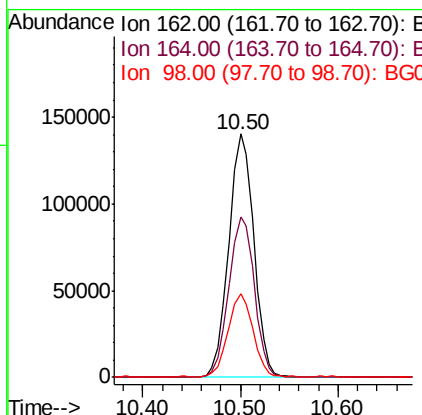
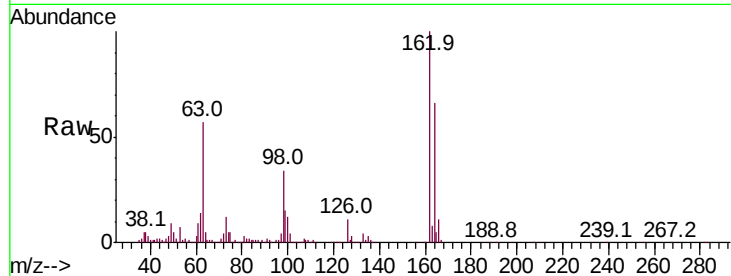




#29
 2,4-Dichlorophenol
 Concen: 38.751 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

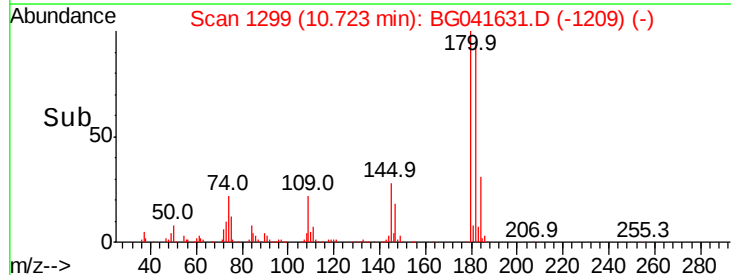
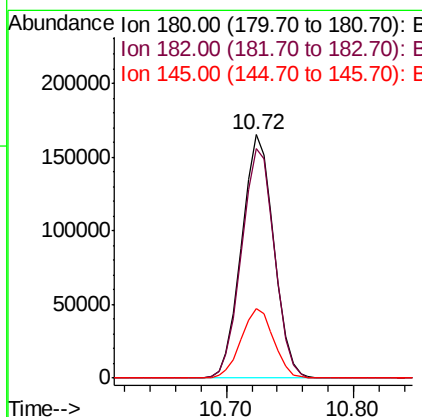
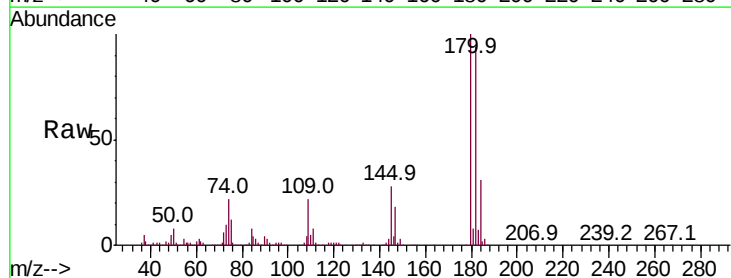
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071119

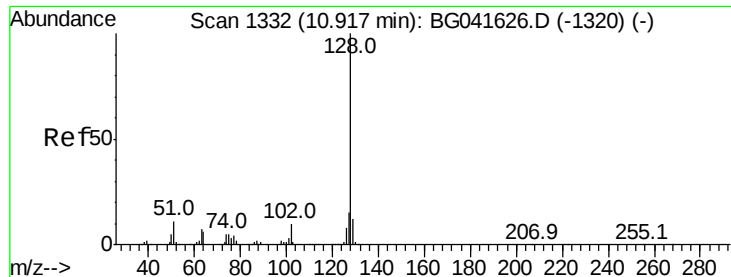
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	46.0	86.0
98	34.3	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 38.589 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.6	117.8
145	28.4	21.7	32.5

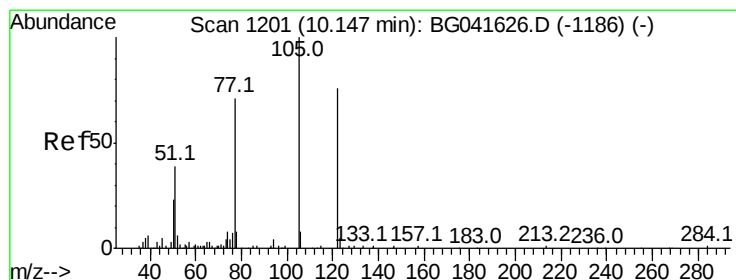
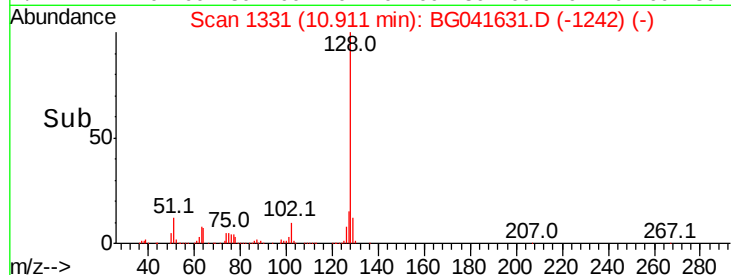
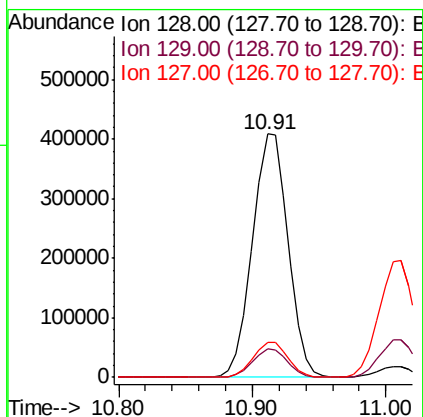
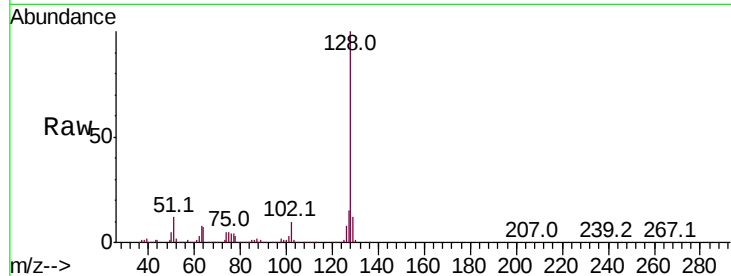




#31
Naphthalene
Concen: 39.086 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

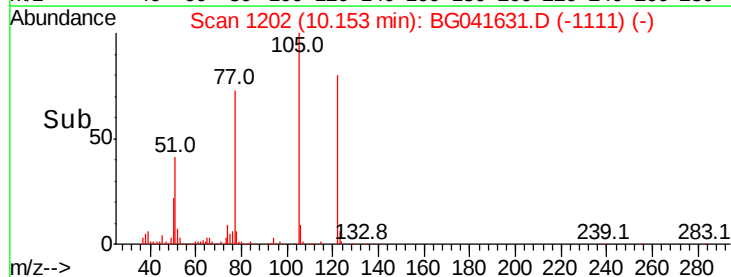
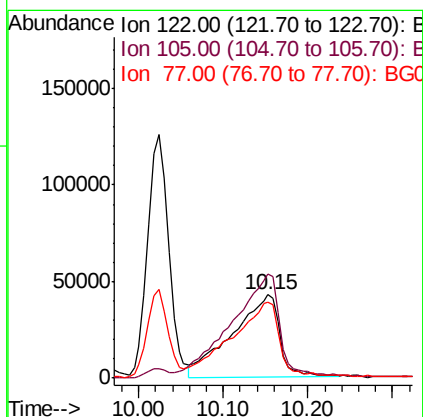
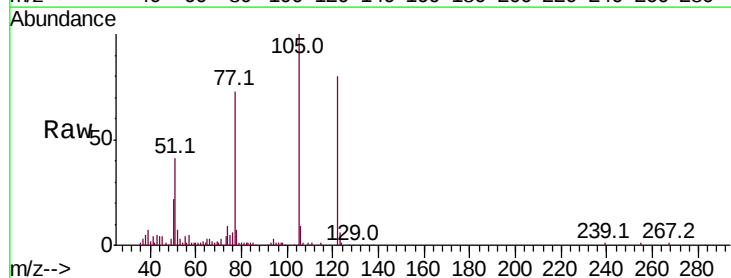
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

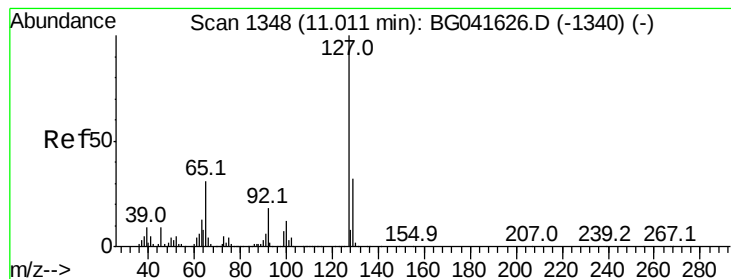
Tot Ion:128 Resp: 751927
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 14.6 11.2 16.8



#32
Benzoic acid
Concen: 39.959 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion:122 Resp: 164409
Ion Ratio Lower Upper
122 100
105 124.9 124.2 164.2
77 91.5 97.2 137.2#





#33

4-Chloroaniline

Concen: 38.923 ng

RT: 11.01 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

Tot Ion:127 Resp: 359882

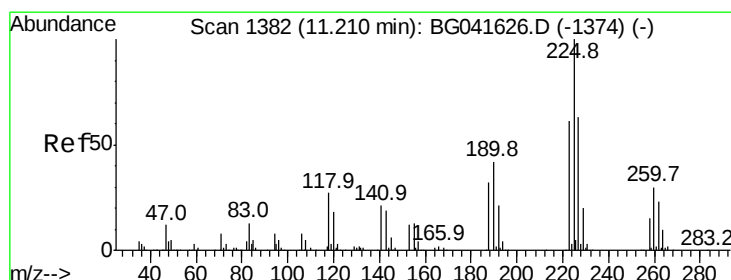
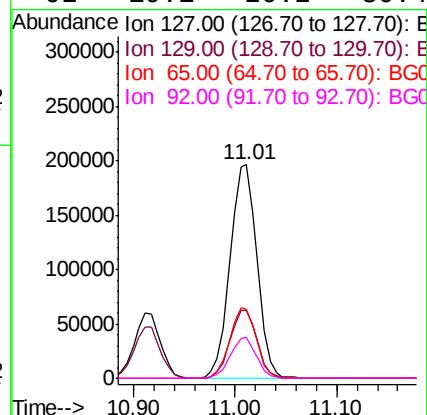
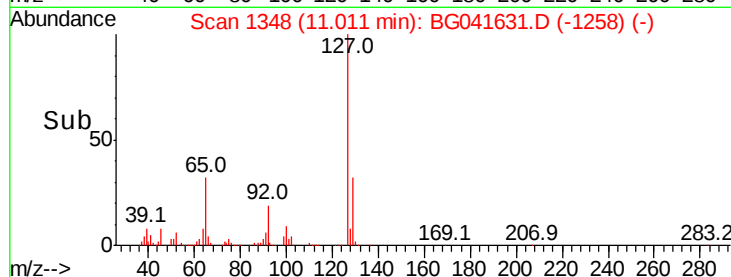
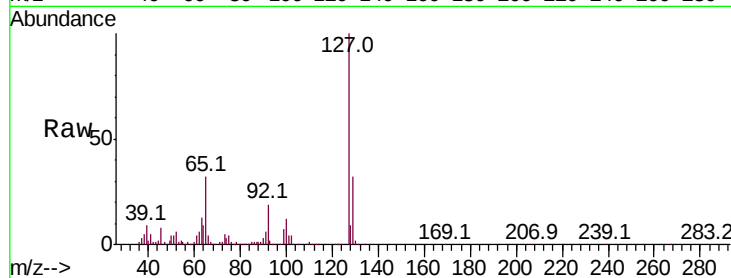
Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.8

65 32.3 33.8 50.8#

92 19.1 20.2 30.4#



#34

Hexachlorobutadiene

Concen: 39.062 ng

RT: 11.21 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

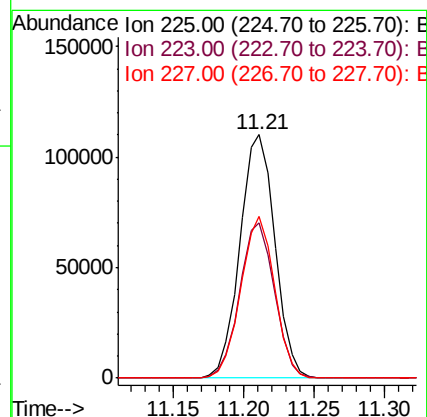
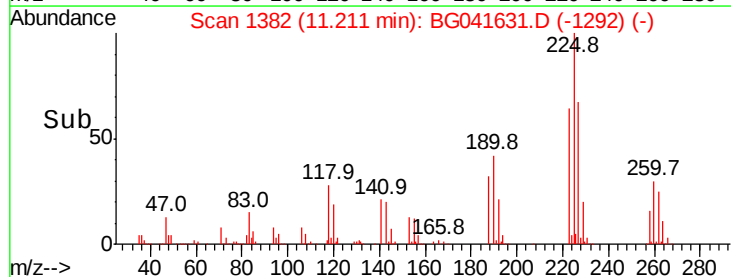
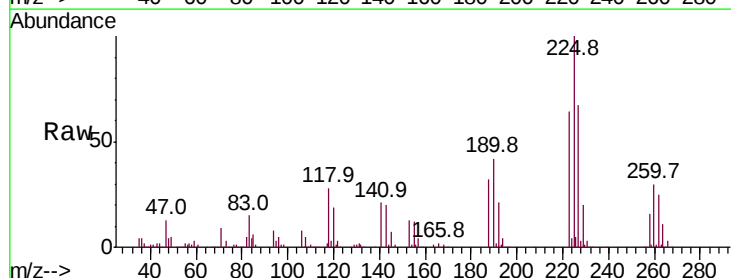
Tgt Ion:225 Resp: 190856

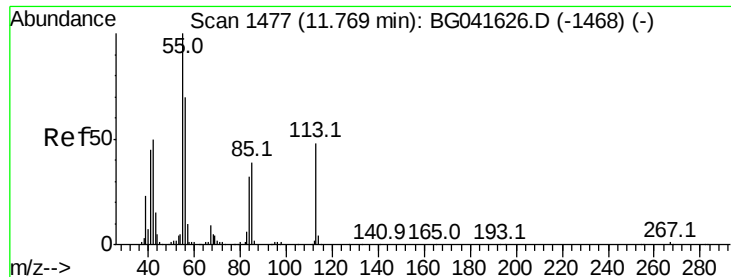
Ion Ratio Lower Upper

225 100

223 63.9 52.5 78.7

227 66.6 50.2 75.2

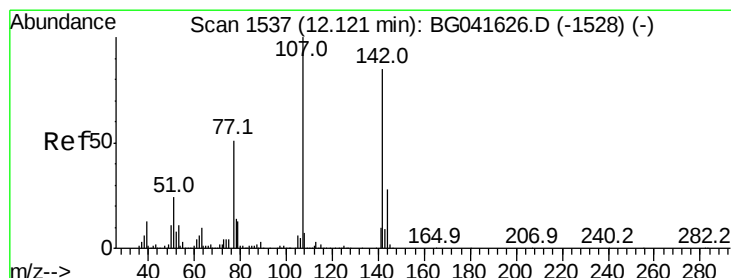
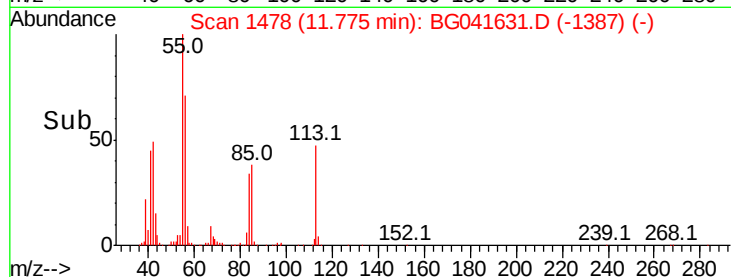
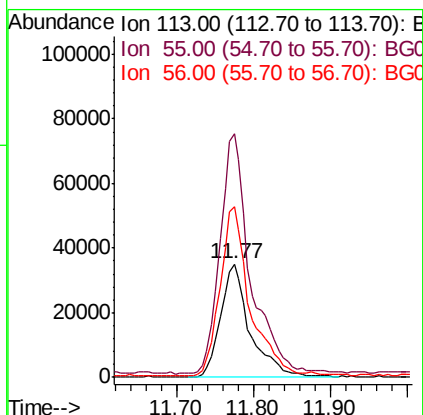
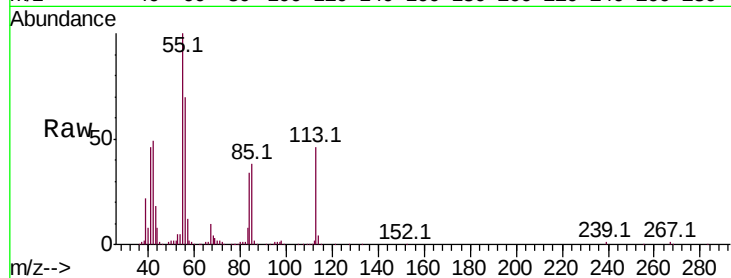




#35
 Caprolactam
 Concen: 37.930 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.01 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

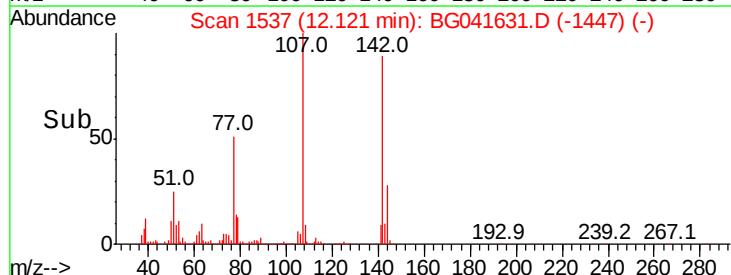
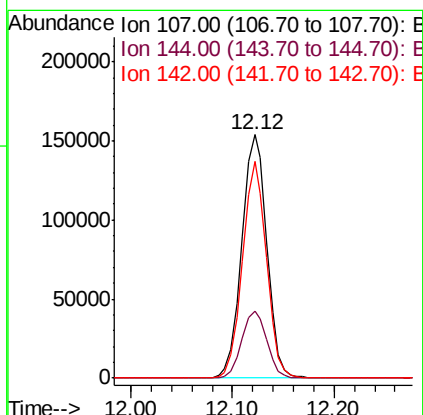
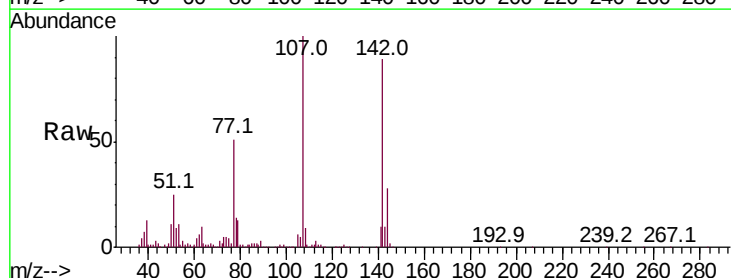
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071119

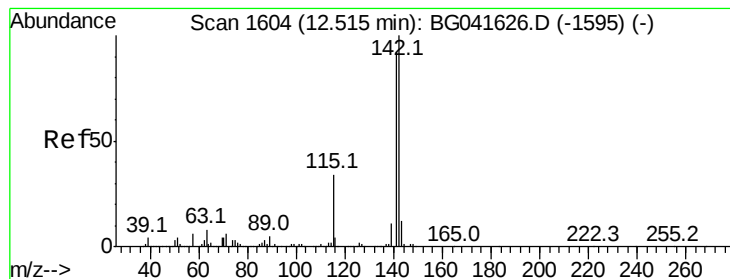
Tot Ion:113 Resp: 93683
 Ion Ratio Lower Upper
 113 100
 55 215.4 182.6 222.6
 56 151.4 137.5 177.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.066 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

Tgt Ion:107 Resp: 263039
 Ion Ratio Lower Upper
 107 100
 144 27.7 18.5 27.7
 142 88.9 56.3 84.5#





#37

2-Methylnaphthalene

Concen: 39.211 ng

RT: 12.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

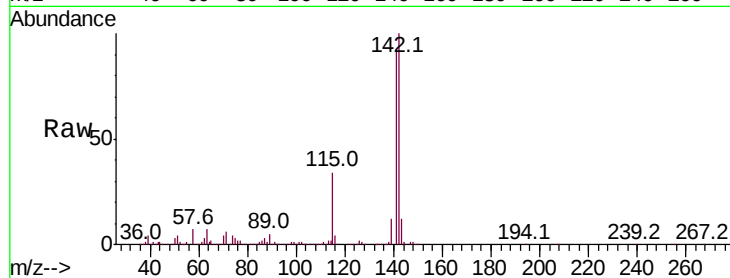
Tot Ion:142 Resp: 576322

Ion Ratio Lower Upper

142 100

141 91.8 71.5 107.3

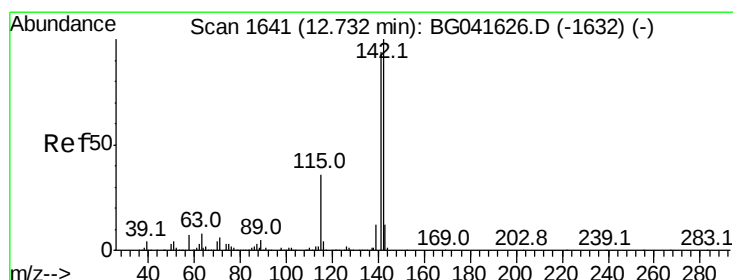
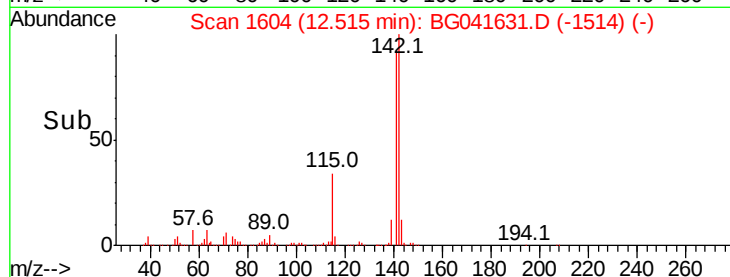
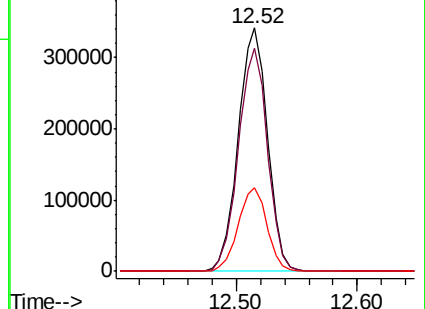
115 34.4 37.0 55.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.049 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

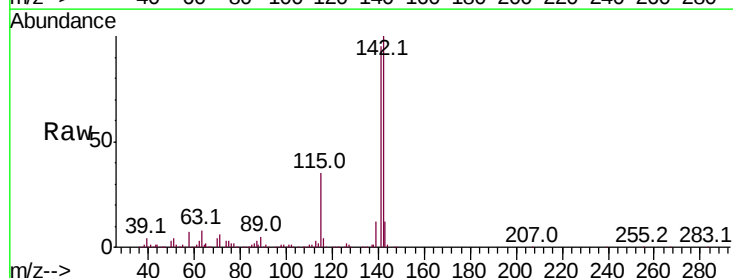
Tgt Ion:142 Resp: 544776

Ion Ratio Lower Upper

142 100

141 95.0 75.0 112.6

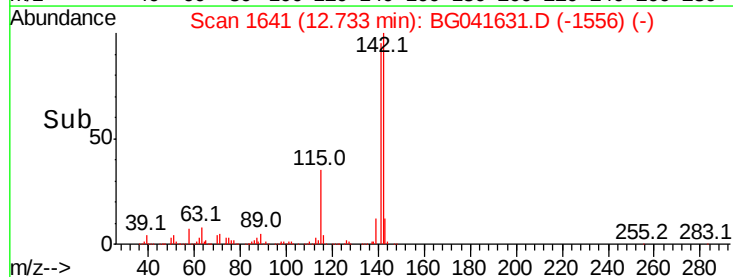
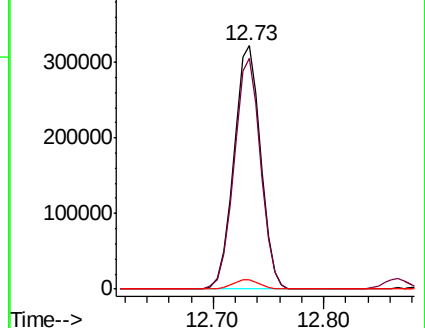
116 3.8 4.2 6.2#

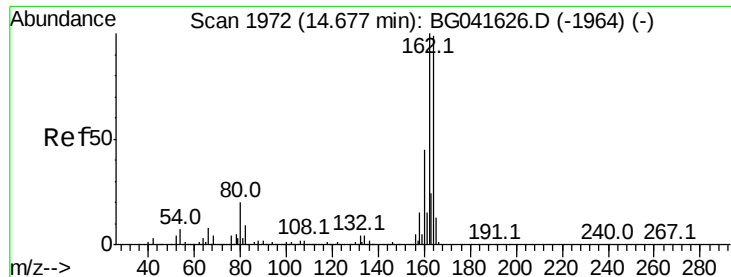


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

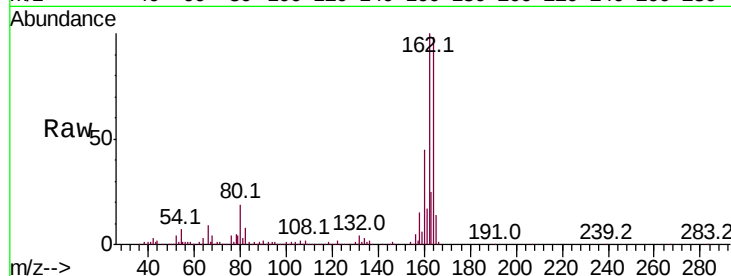
Tot Ion:164 Resp: 249256

Ion Ratio Lower Upper

164 100

162 101.8 82.8 124.2

160 45.6 35.8 53.8

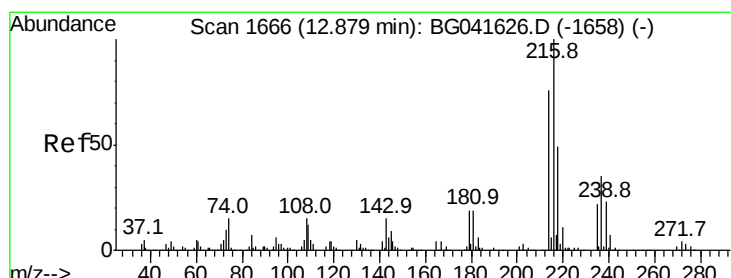
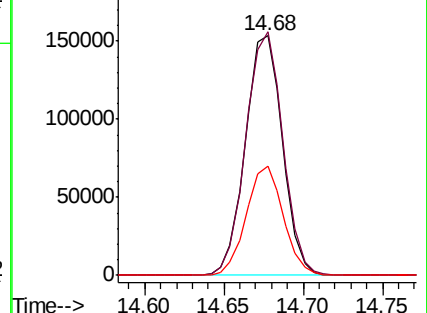
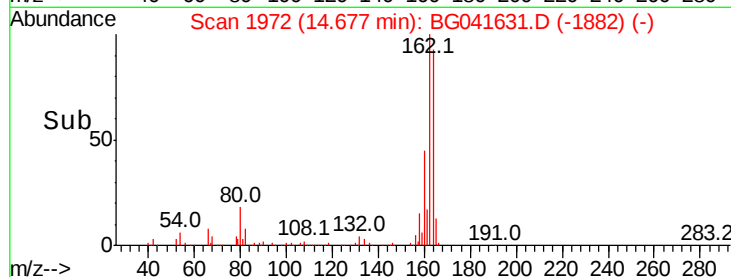


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.476 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Tgt Ion:216 Resp: 333396

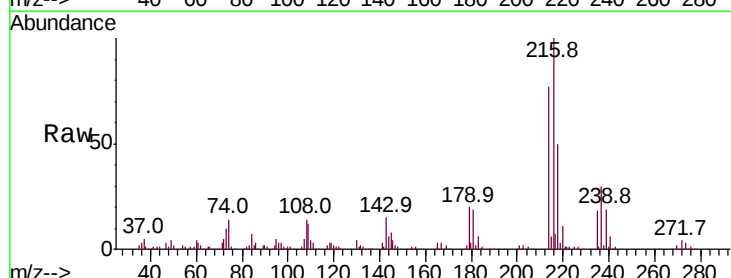
Ion Ratio Lower Upper

216 100

214 77.5 62.8 94.2

179 19.3 15.2 22.8

108 15.7 12.4 18.6



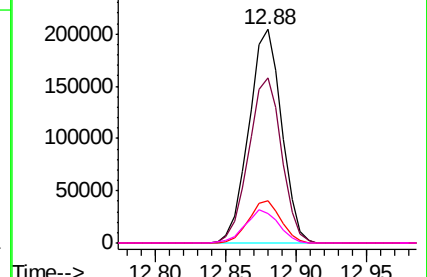
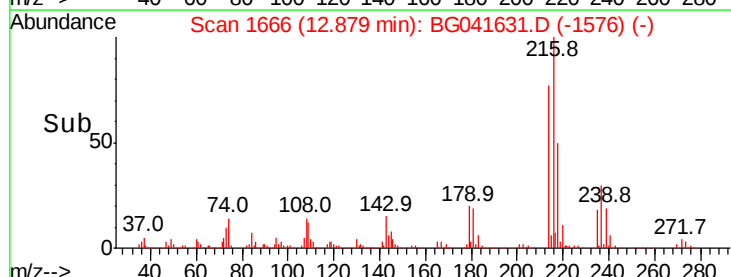
Abundance

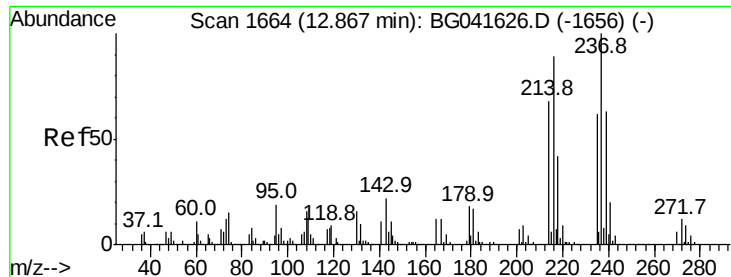
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.524 ng

RT: 12.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

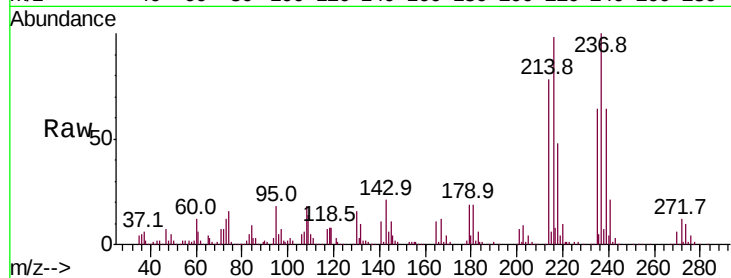
Tot Ion:237 Resp: 199357

Ion Ratio Lower Upper

237 100

235 63.8 42.9 82.9

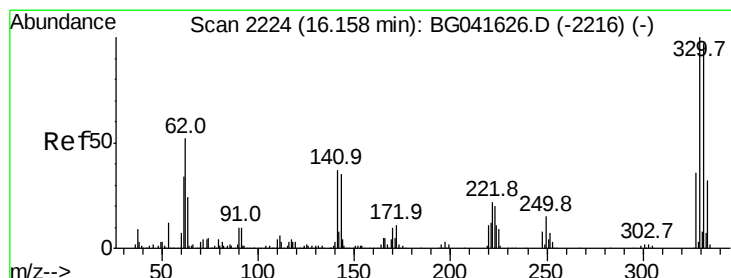
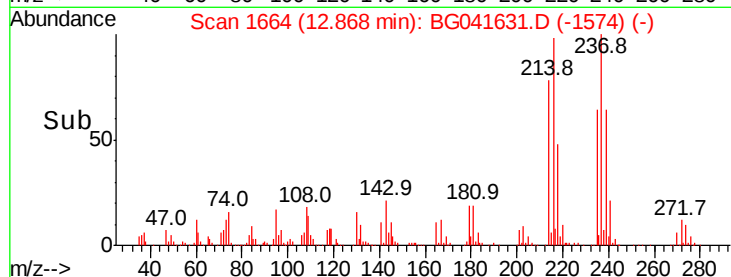
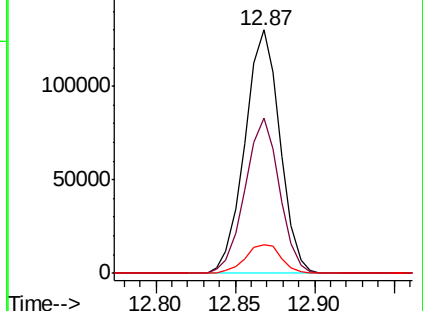
272 11.6 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.612 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

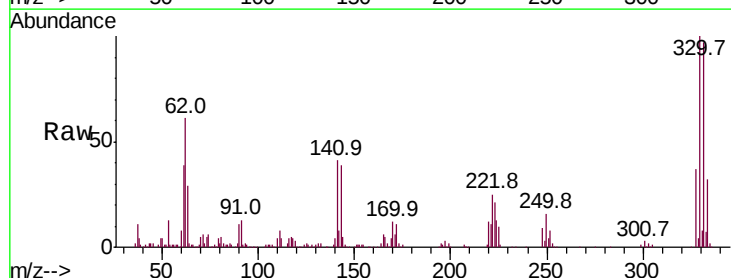
Tgt Ion:330 Resp: 224067

Ion Ratio Lower Upper

330 100

332 97.0 75.5 113.3

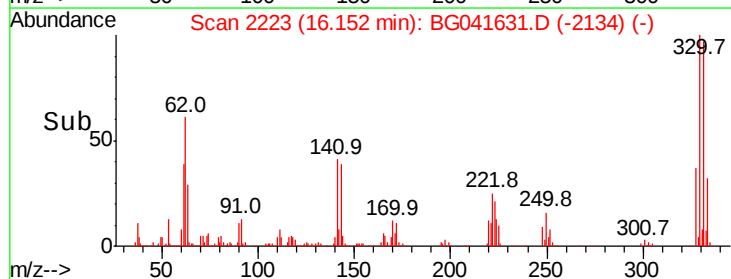
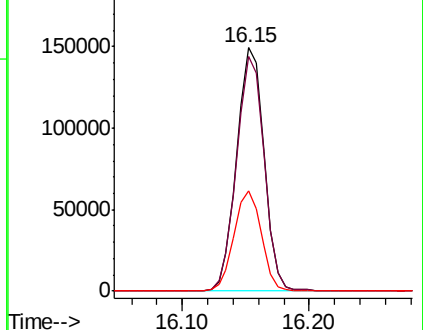
141 41.0 29.0 43.4

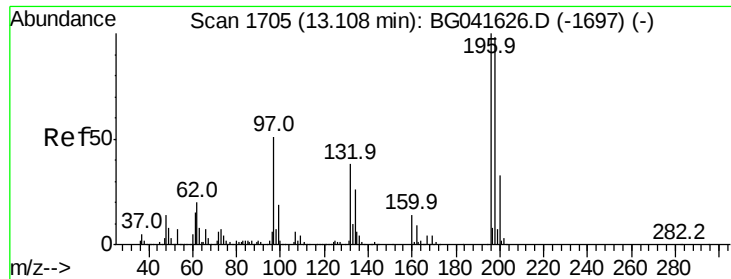


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

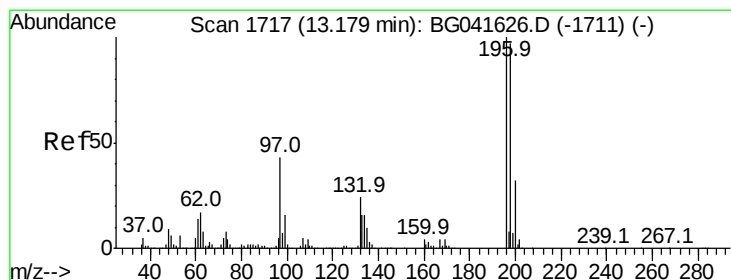
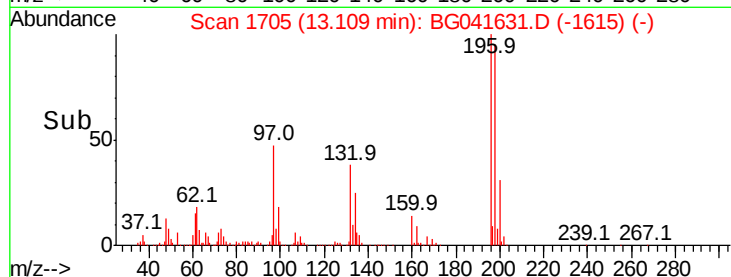
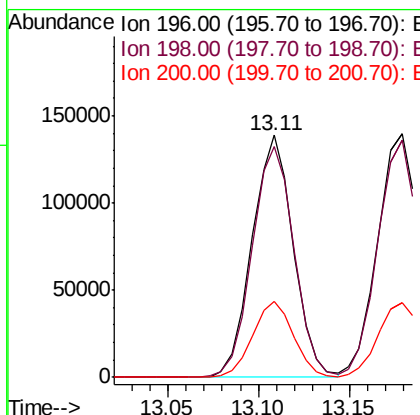
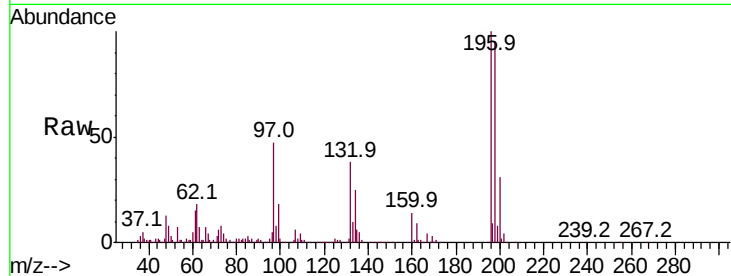




#43
 2,4,6-Trichlorophenol
 Concen: 39.730 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

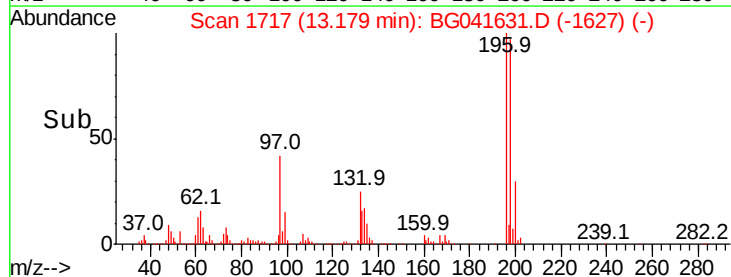
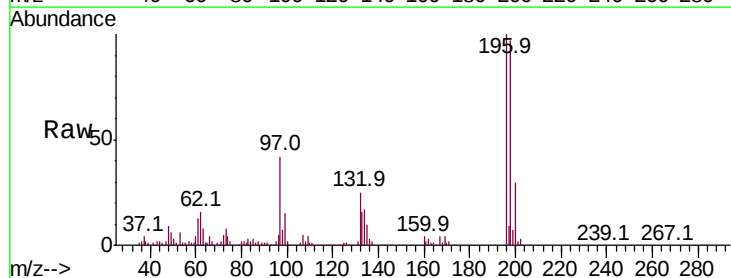
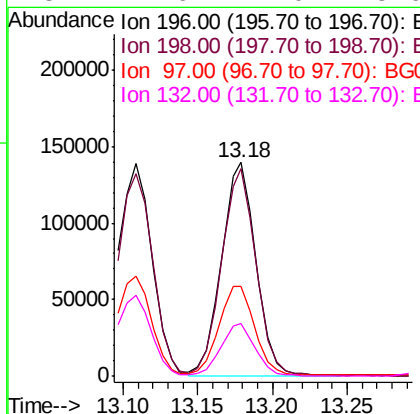
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071119

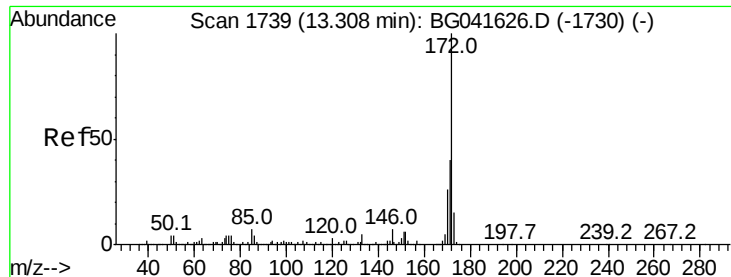
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.9	112.3
200	31.3	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.594 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.1	114.1
97	42.1	35.9	53.9
132	24.6	17.0	25.6



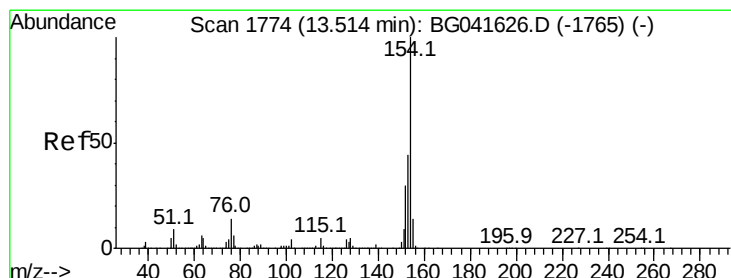
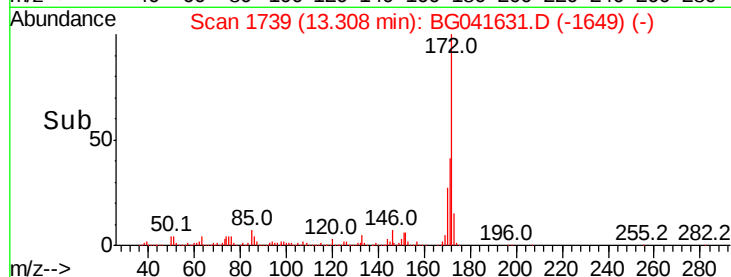
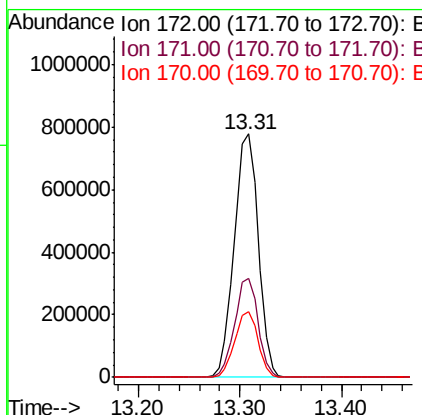
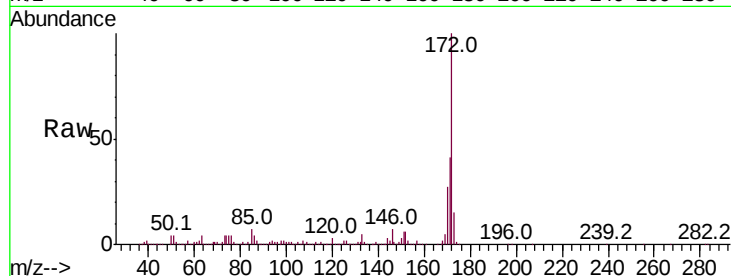


#45
 2-Fluorobiphenyl
 Concen: 81.130 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071119

Tot Ion:172 Resp: 1286273

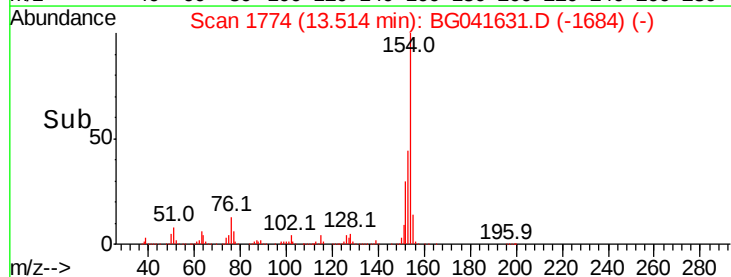
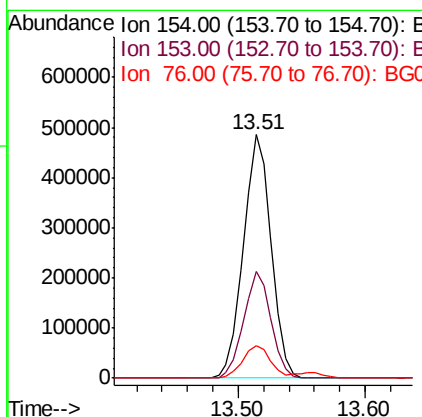
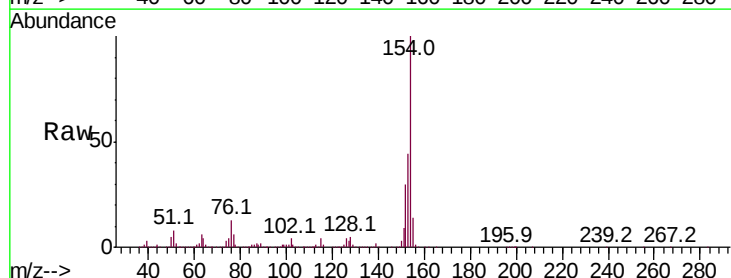
Ion	Ratio	Lower	Upper
172	100		
171	40.8	30.0	45.0
170	27.0	19.8	29.6

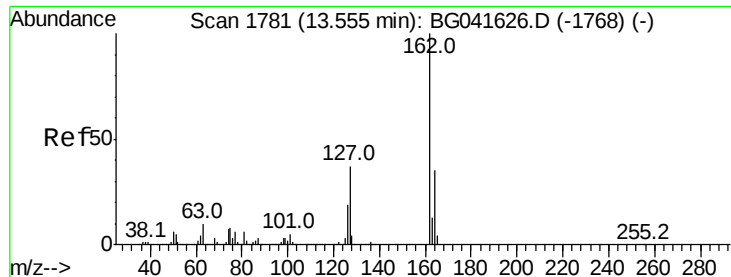


#46
 1,1'-Biphenyl
 Concen: 39.850 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

Tgt Ion:154 Resp: 733977

Ion	Ratio	Lower	Upper
154	100		
153	43.6	22.3	62.3
76	13.3	0.0	30.8

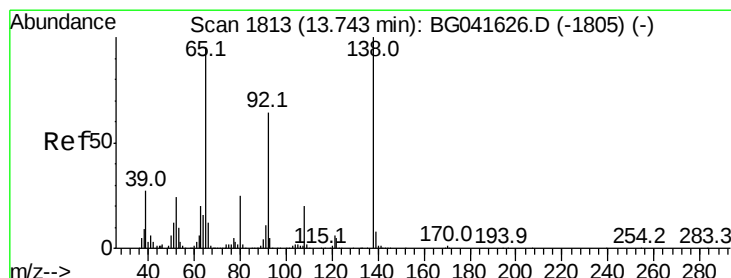
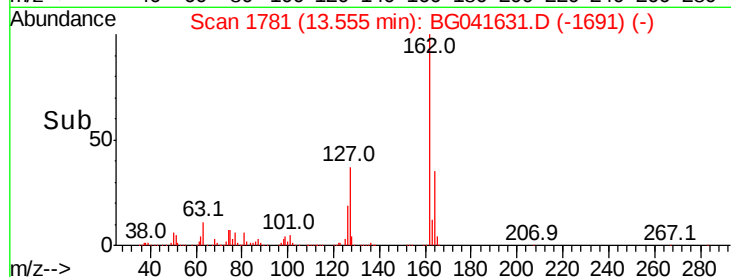
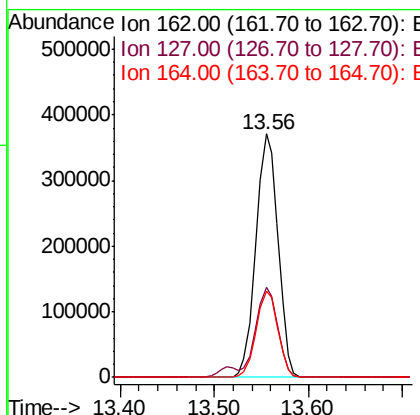
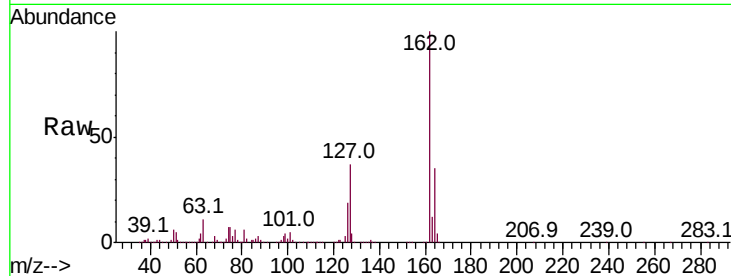




#47
2-Chloronaphthalene
Concen: 39.413 ng
RT: 13.56 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

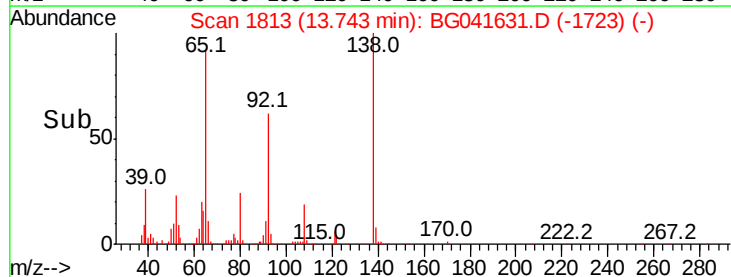
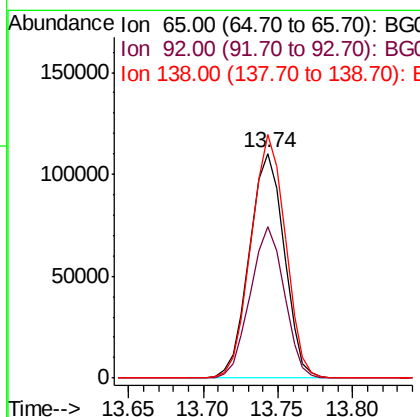
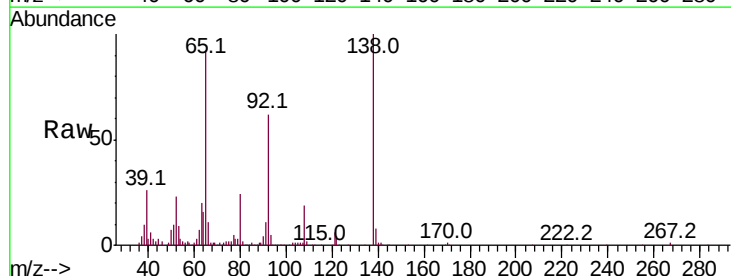
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

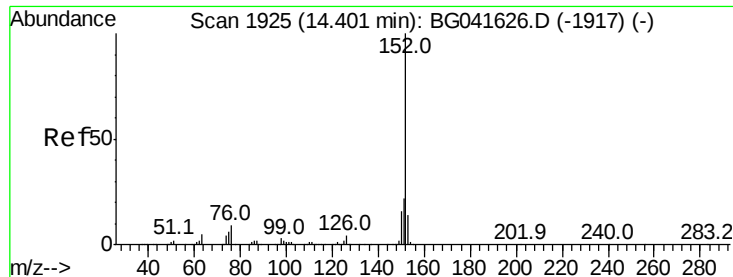
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.4
164	35.2	26.1	39.1



#48
2-Nitroaniline
Concen: 41.957 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	47.4	71.2
138	108.4	64.7	97.1#





#49

Acenaphthylene

Concen: 39.704 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

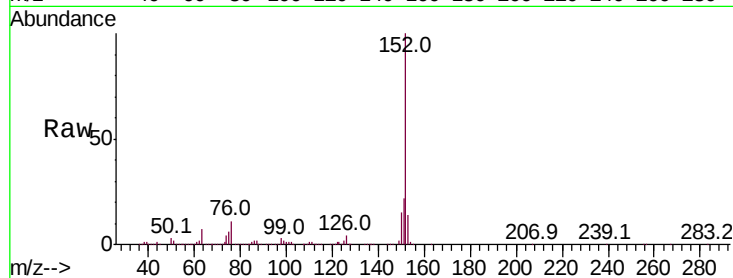
Tot Ion:152 Resp: 927528

Ion Ratio Lower Upper

152 100

151 22.4 16.8 25.2

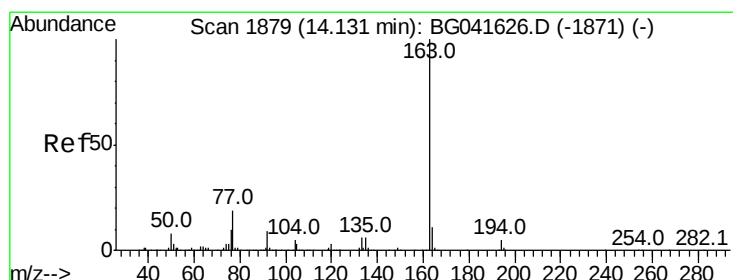
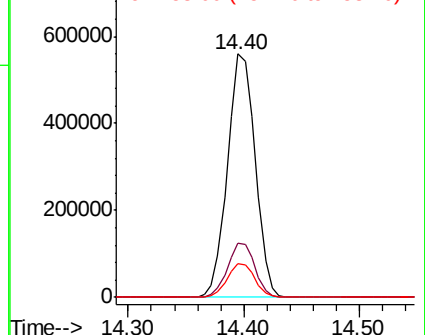
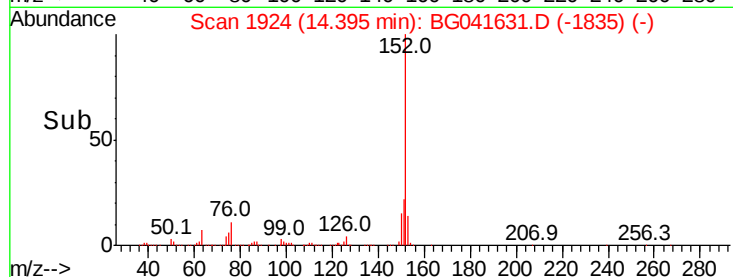
153 14.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.824 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

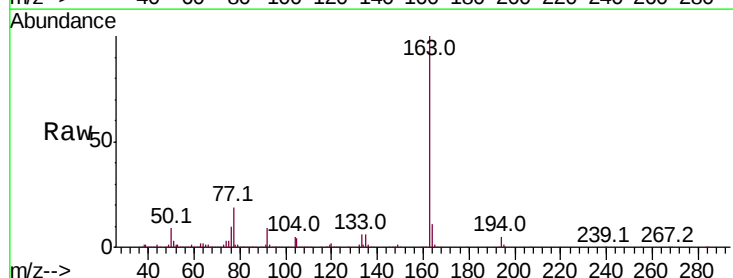
Tgt Ion:163 Resp: 777768

Ion Ratio Lower Upper

163 100

194 4.9 3.9 5.9

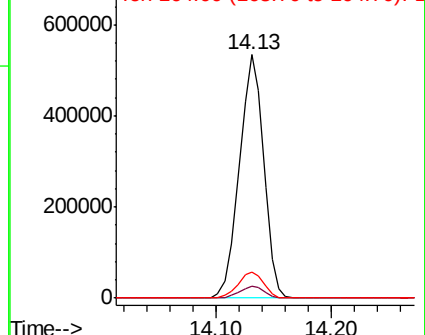
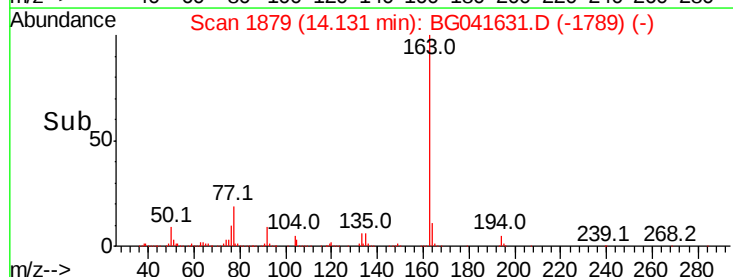
164 10.6 8.3 12.5

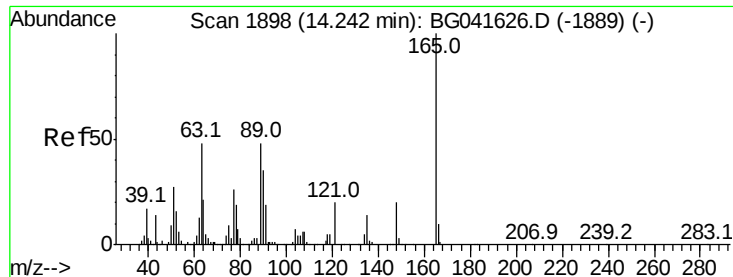


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.478 ng

RT: 14.24 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

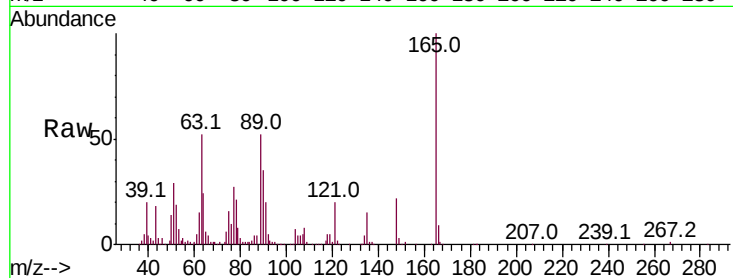
Tot Ion:165 Resp: 161597

Ion Ratio Lower Upper

165 100

63 52.0 55.4 83.0#

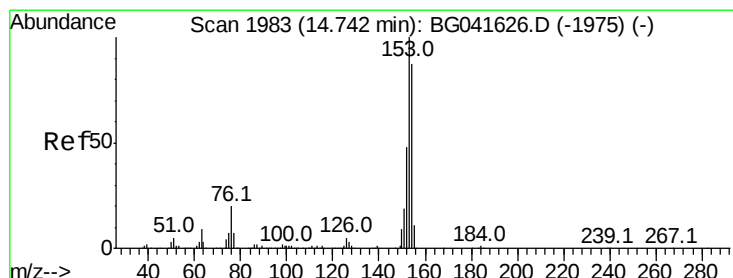
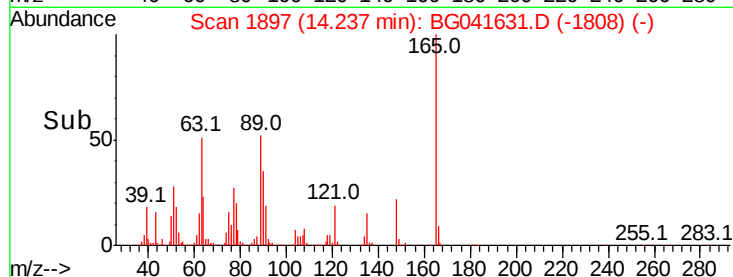
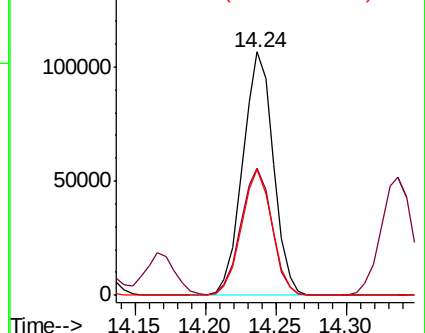
89 51.7 56.5 84.7#



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



#52

Acenaphthene

Concen: 39.281 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

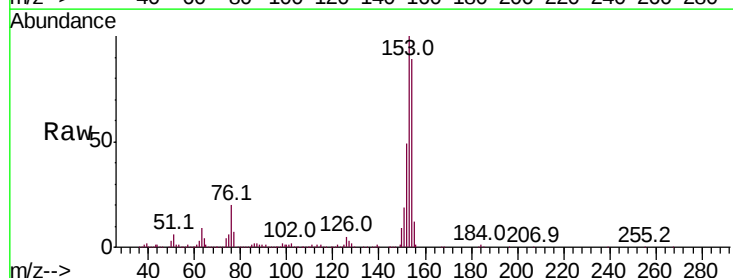
Tgt Ion:154 Resp: 588273

Ion Ratio Lower Upper

154 100

153 111.8 96.6 145.0

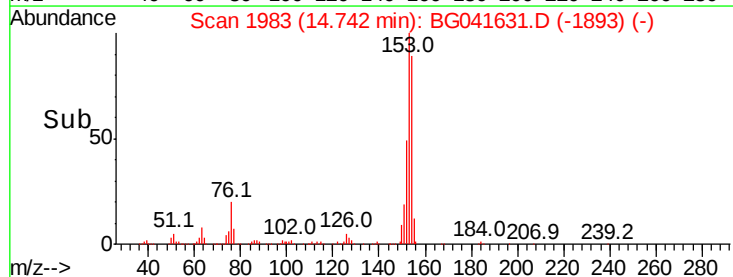
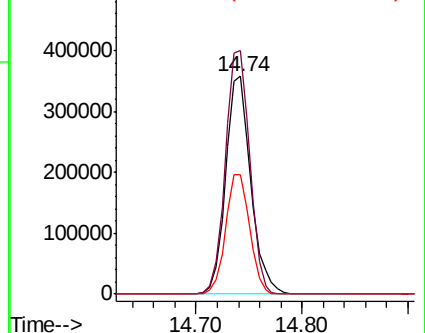
152 54.6 45.5 68.3

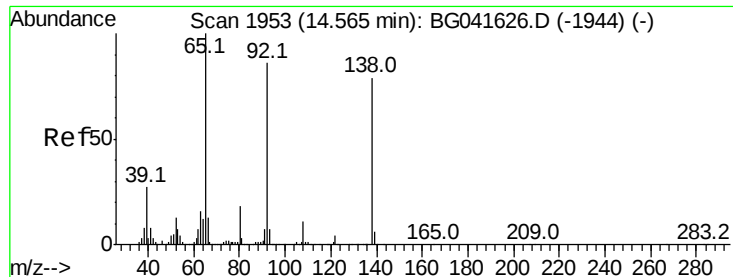


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

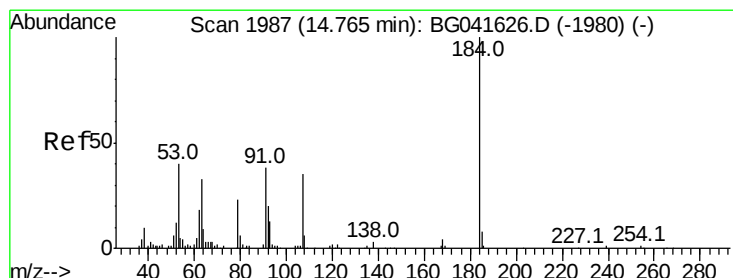
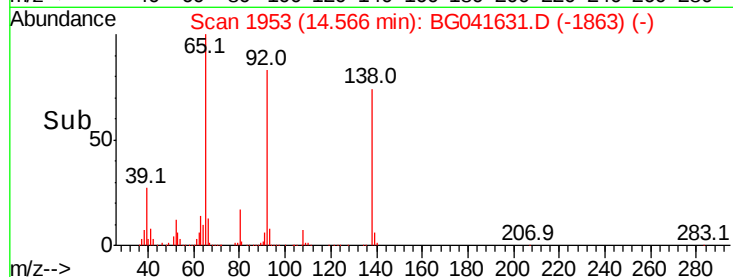
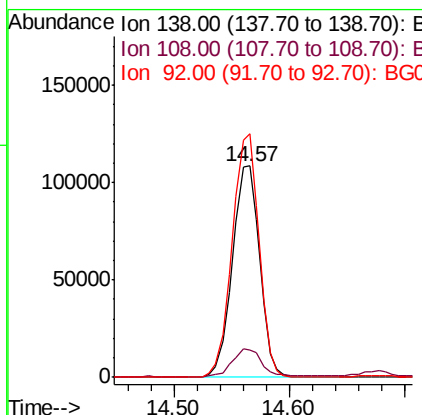
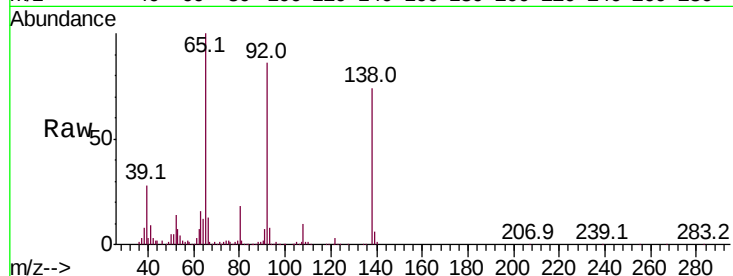




#53
3-Nitroaniline
Concen: 40.738 ng
RT: 14.57 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

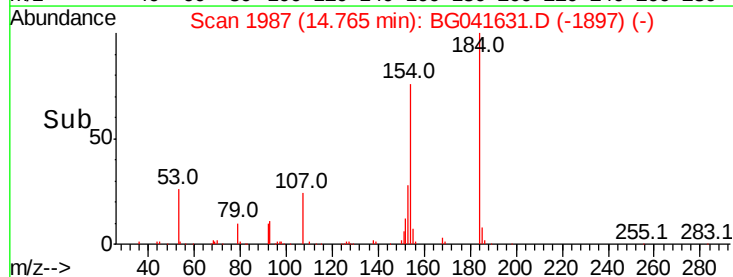
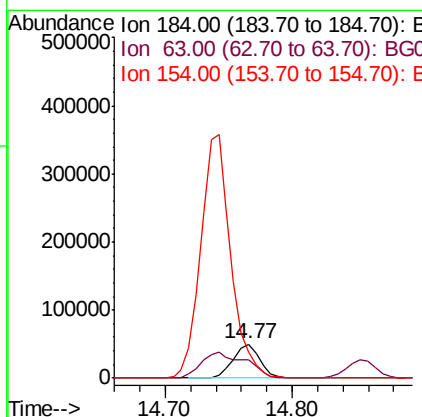
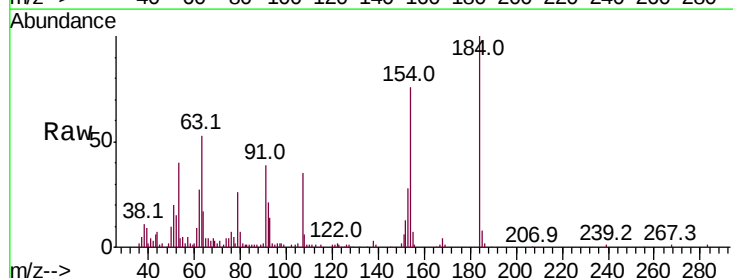
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

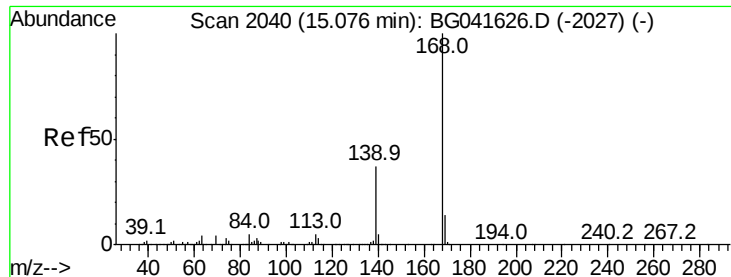
Tot Ion:138 Resp: 177932
Ion Ratio Lower Upper
138 100
108 12.8 8.3 12.5#
92 115.1 100.2 150.4



#54
2,4-Dinitrophenol
Concen: 41.068 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion:184 Resp: 72232
Ion Ratio Lower Upper
184 100
63 53.0 60.0 90.0#
154 75.6 58.3 87.5





#55

Dibenzofuran

Concen: 39.765 ng

RT: 15.07 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

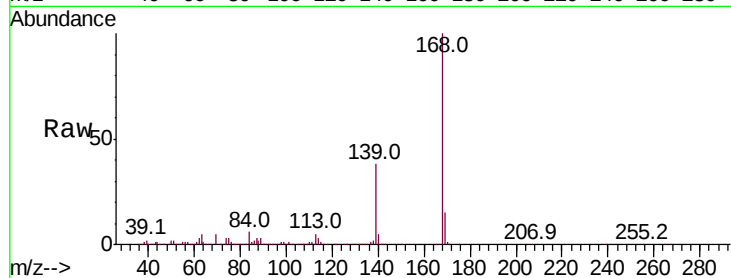
Tot Ion:168 Resp: 892079

Ion Ratio Lower Upper

168 100

139 38.1 33.6 50.4

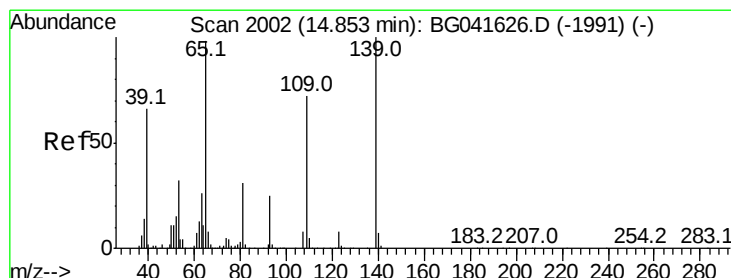
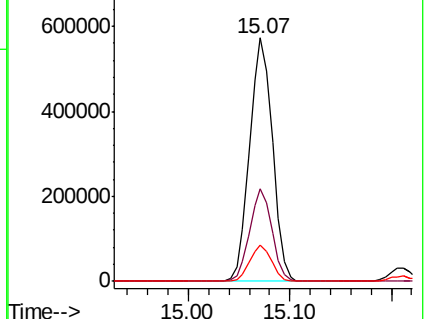
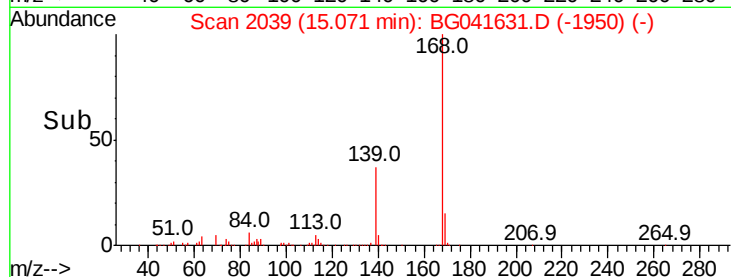
169 14.8 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.964 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

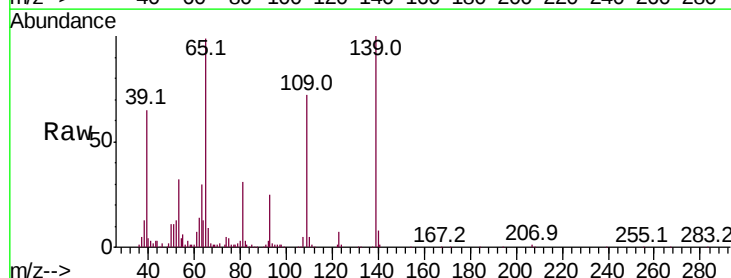
Tgt Ion:139 Resp: 142353

Ion Ratio Lower Upper

139 100

109 71.9 93.2 133.2#

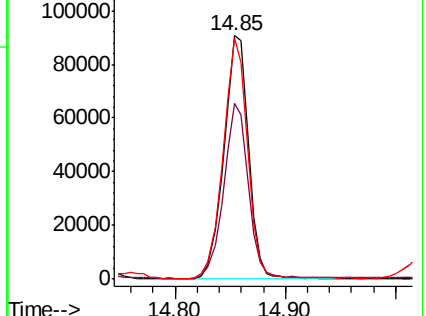
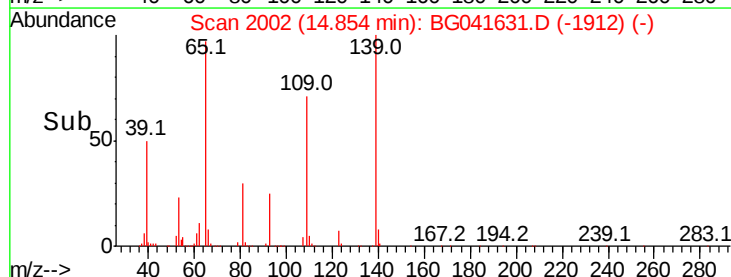
65 98.8 110.2 150.2#

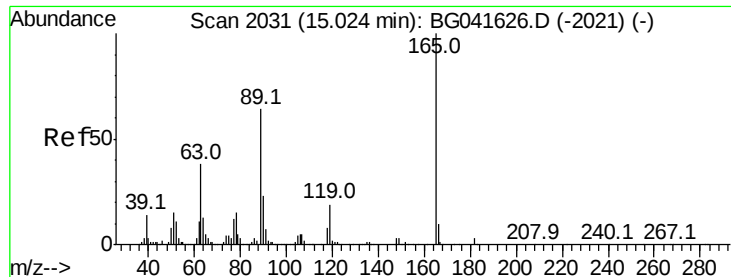


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

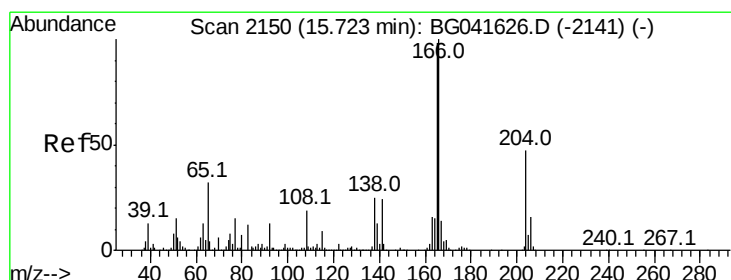
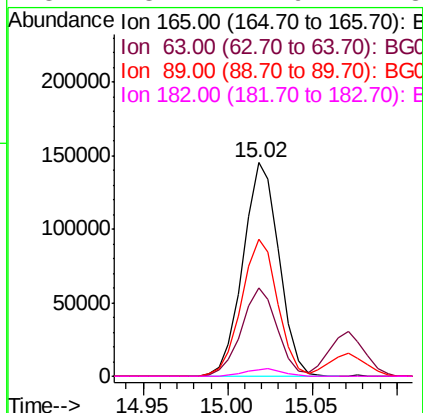
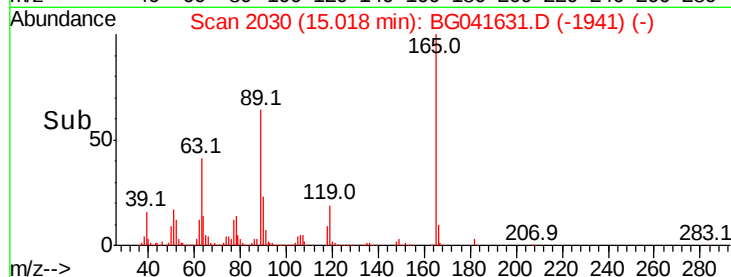
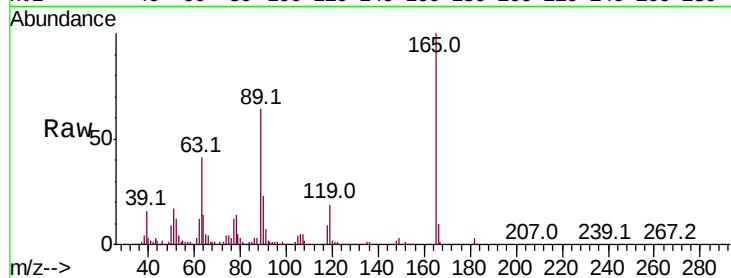




#57
2,4-Dinitrotoluene
Concen: 41.968 ng
RT: 15.02 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

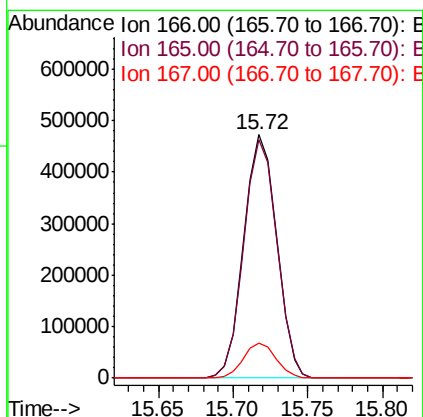
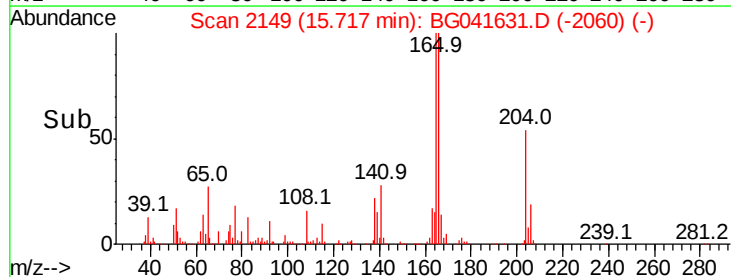
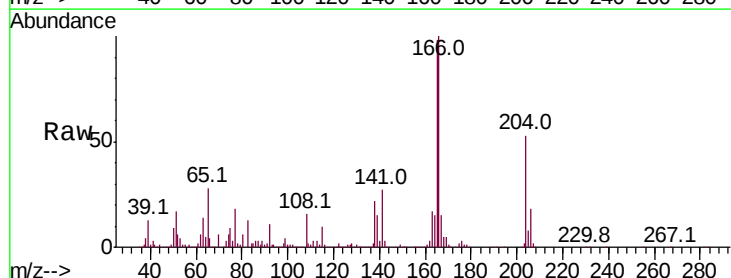
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

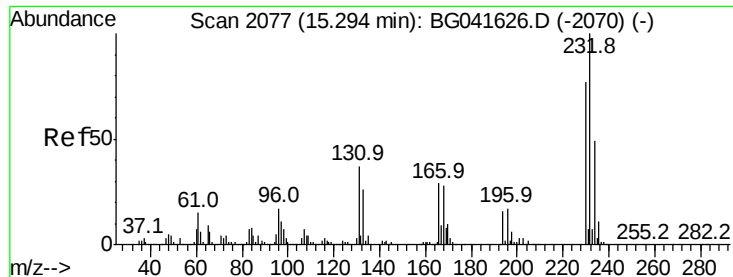
Tot Ion:	165	Resp:	215065
Ion Ratio	Lower	Upper	
165	100		
63	41.4	40.0	60.0
89	64.3	64.6	96.8#
182	3.1	2.9	4.3



#58
Fluorene
Concen: 39.778 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion:	166	Resp:	723567
Ion Ratio	Lower	Upper	
166	100		
165	97.9	78.8	118.2
167	14.6	11.3	16.9

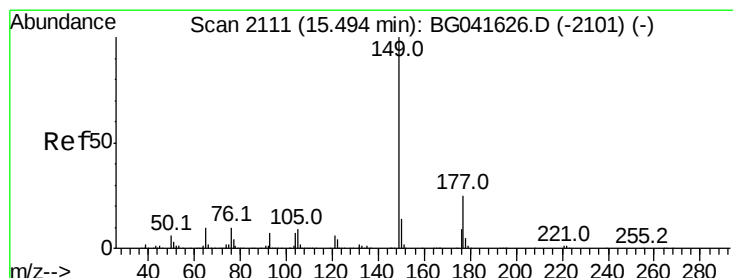
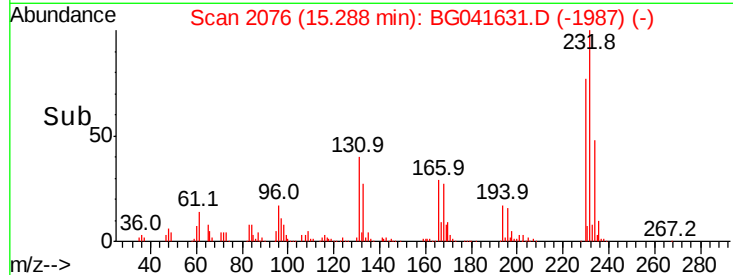
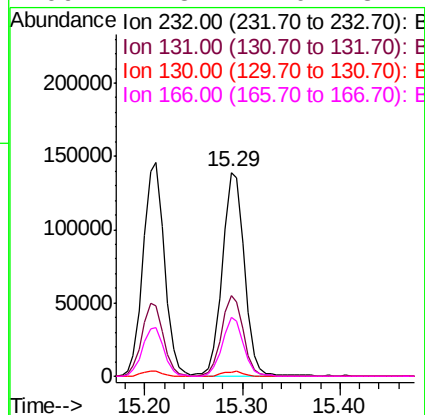
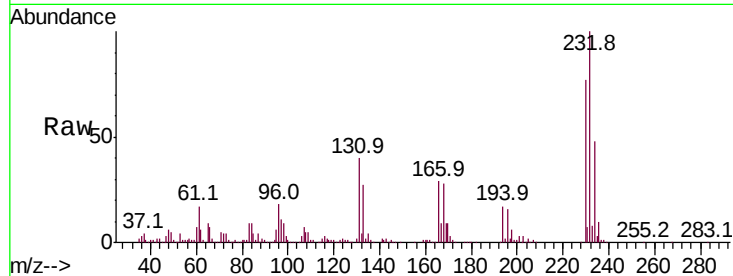




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.662 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

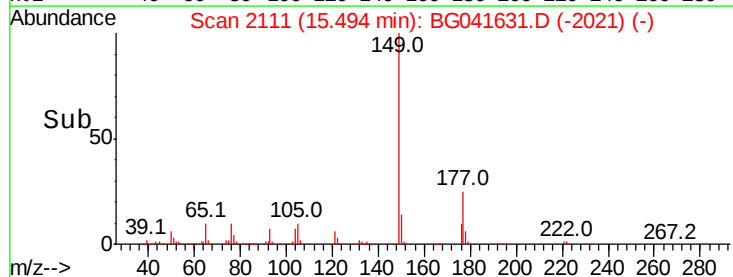
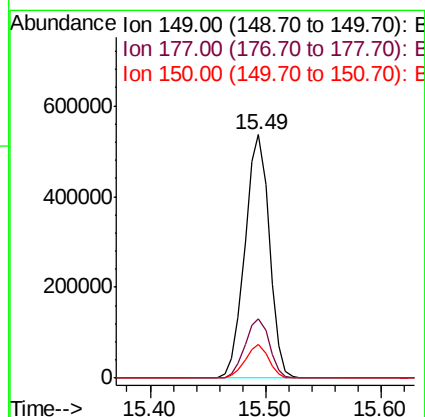
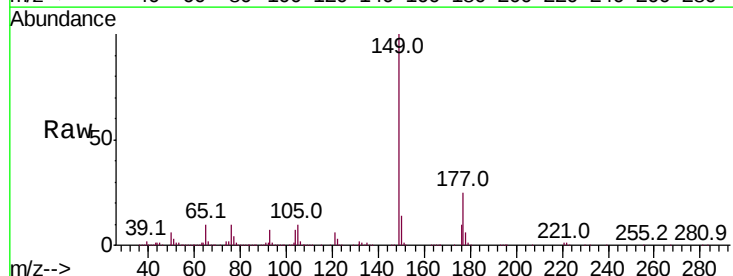
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

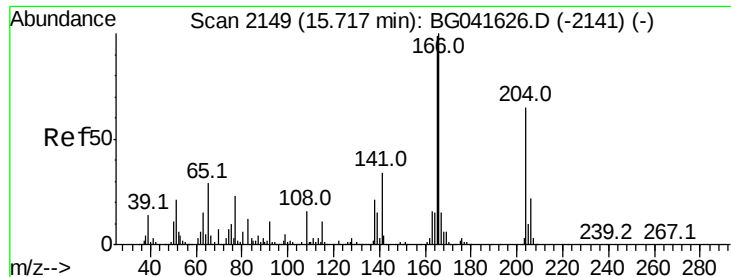
Tot Ion:	232	Resp:	216796
Ion	Ratio	Lower	Upper
232	100		
131	38.3	29.0	43.6
130	2.2	1.6	2.4
166	27.8	21.0	31.4



#60
Diethylphthalate
Concen: 39.791 ng
RT: 15.49 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion:	149	Resp:	785707
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.4	27.6
150	13.8	9.9	14.9

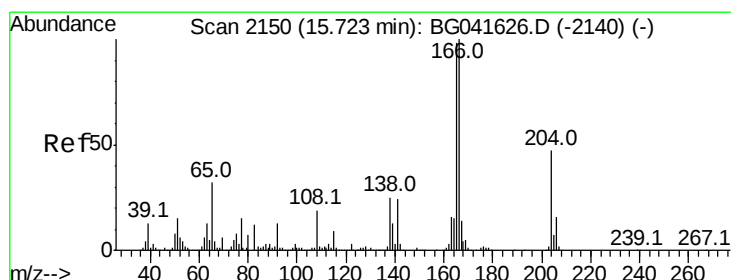
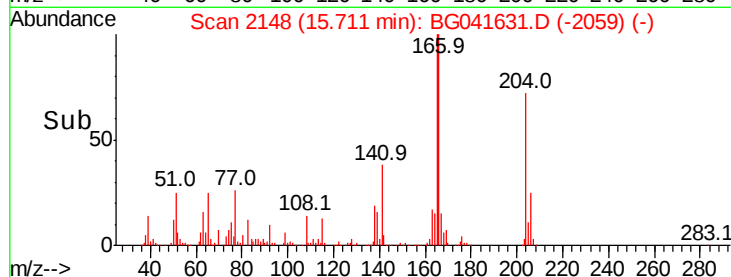
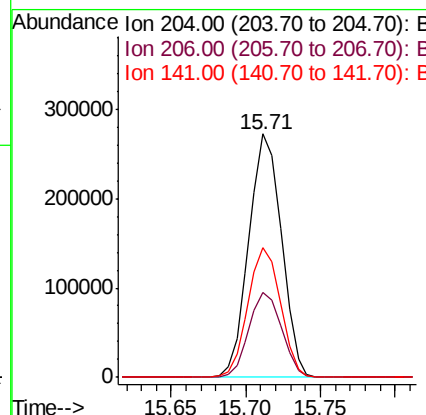
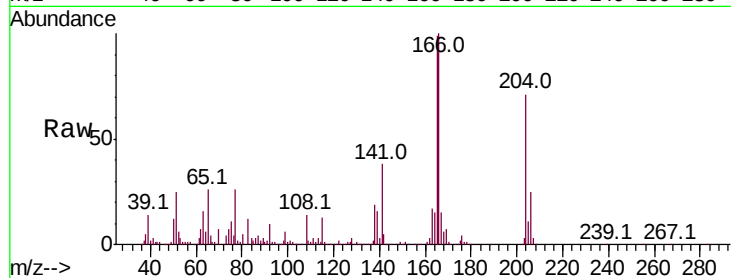




#61
4-Chlorophenyl-phenylether
Concen: 39.569 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

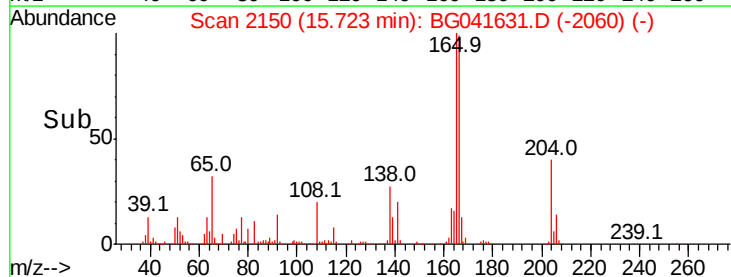
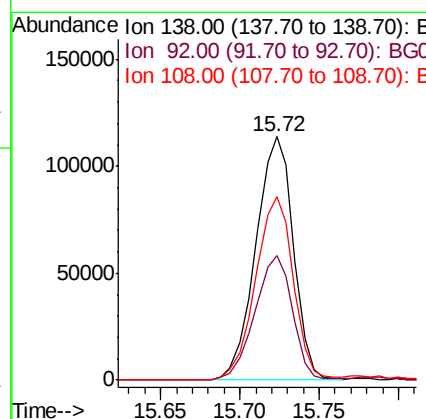
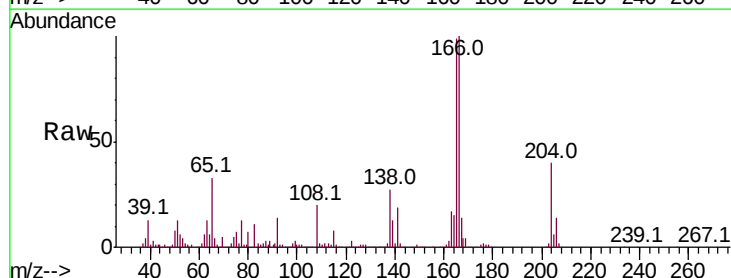
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

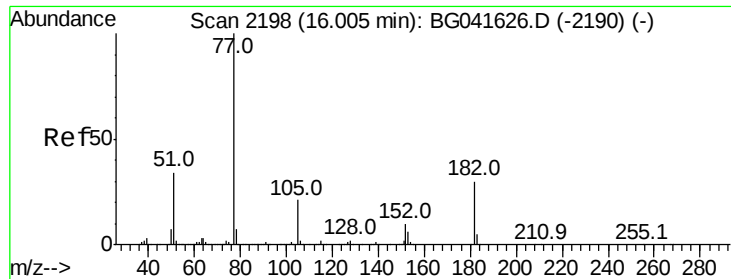
Tot Ion:204 Resp: 412429
Ion Ratio Lower Upper
204 100
206 34.9 27.9 41.9
141 53.1 41.4 62.0



#62
4-Nitroaniline
Concen: 40.544 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion:138 Resp: 187919
Ion Ratio Lower Upper
138 100
92 51.3 38.8 78.8
108 75.5 103.4 143.4#

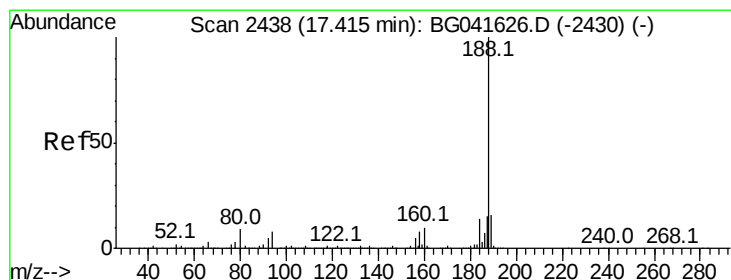
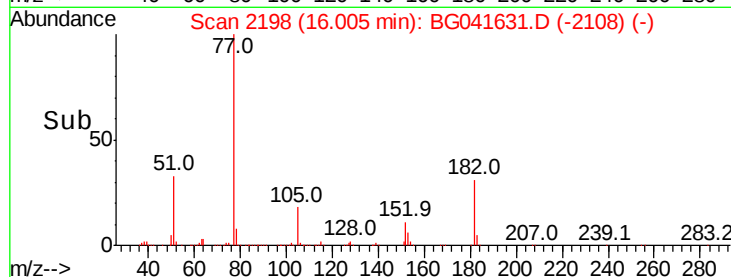
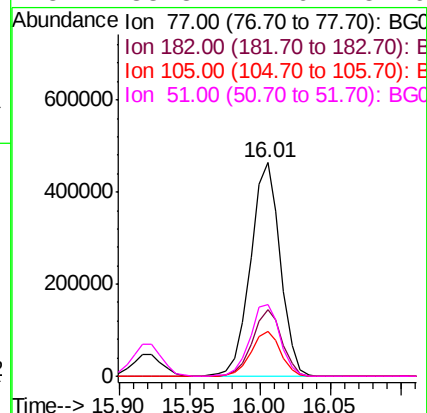
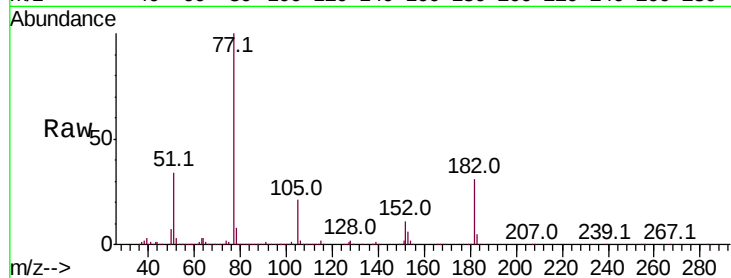




#63
Azobenzene
Concen: 39.389 ng
RT: 16.01 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

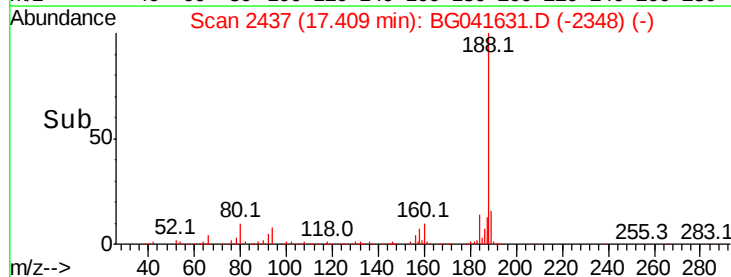
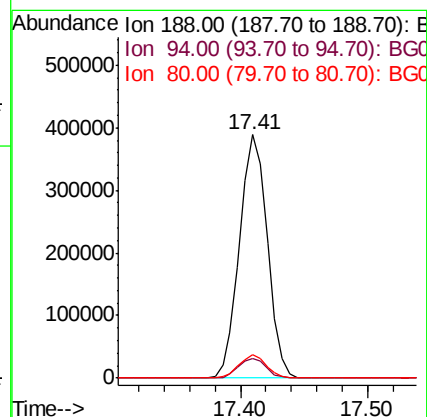
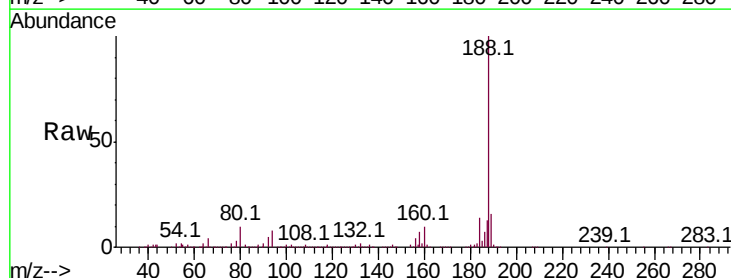
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

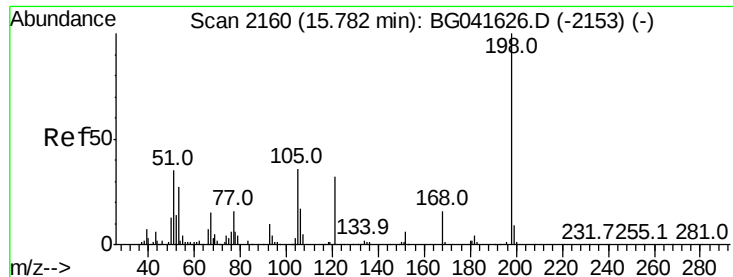
Tot Ion: 77 Resp: 684709
Ion Ratio Lower Upper
77 100
182 31.0 7.5 47.5
105 20.7 0.0 37.7
51 33.8 14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion: 188 Resp: 590918
Ion Ratio Lower Upper
188 100
94 8.3 3.6 5.4#
80 9.7 4.8 7.2#

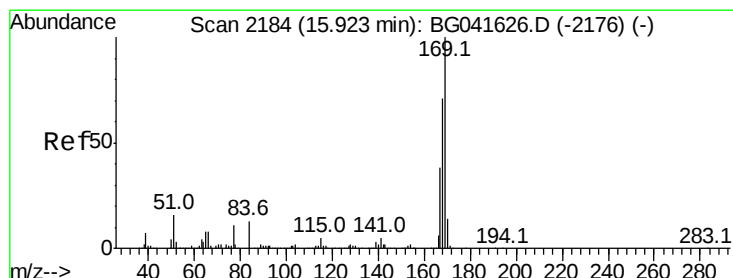
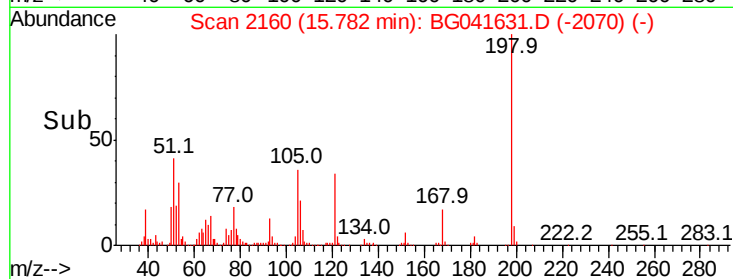
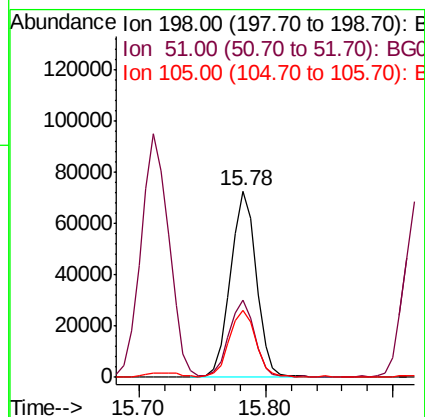
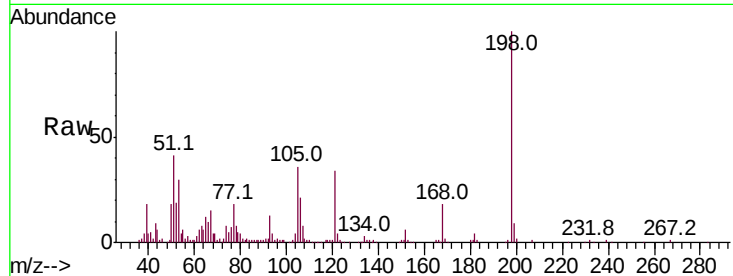




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.940 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

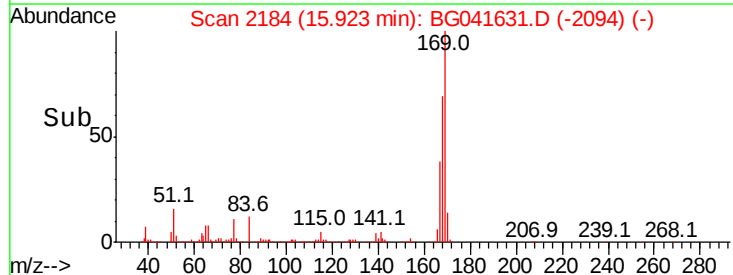
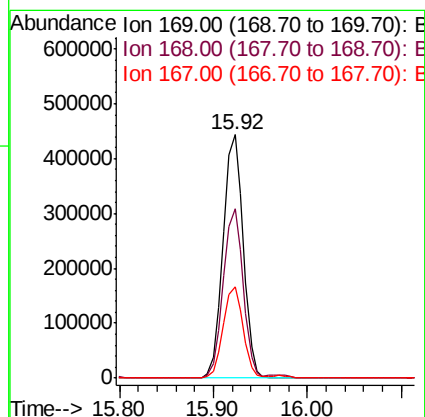
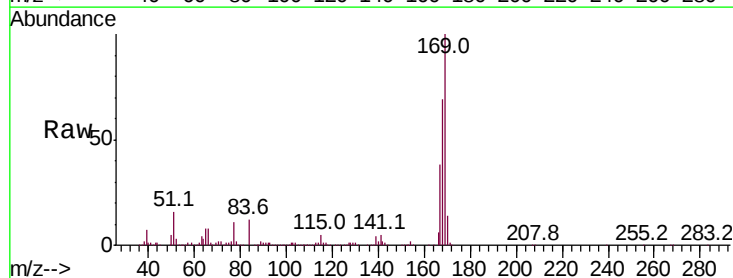
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071119

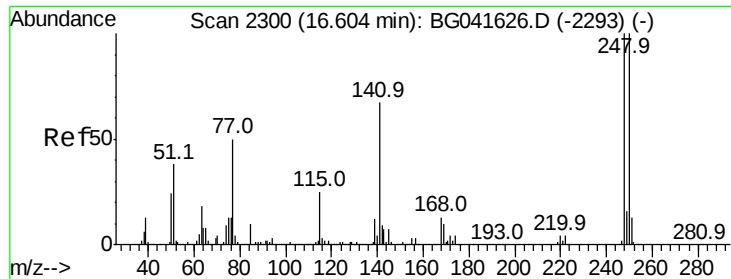
Tot Ion:198 Resp: 102503
 Ion Ratio Lower Upper
 198 100
 51 41.3 23.4 63.4
 105 36.2 15.8 55.8



#66
 n-Nitrosodiphenylamine
 Concen: 39.156 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

Tgt Ion:169 Resp: 663033
 Ion Ratio Lower Upper
 169 100
 168 69.4 55.2 82.8
 167 37.6 30.4 45.6

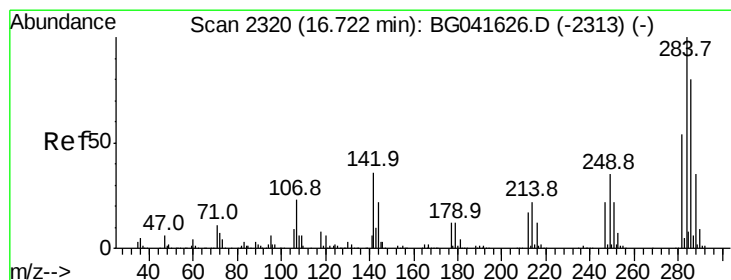
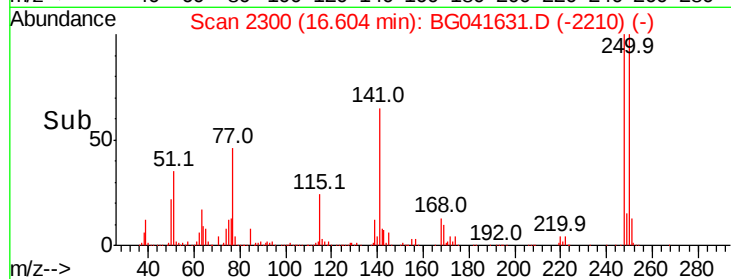
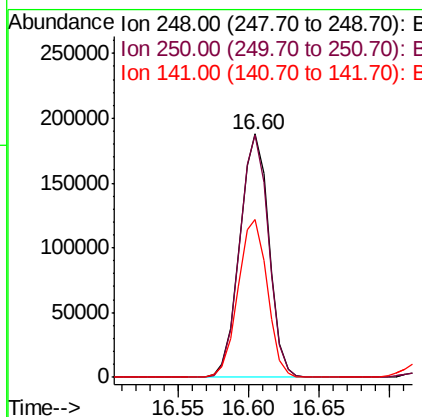
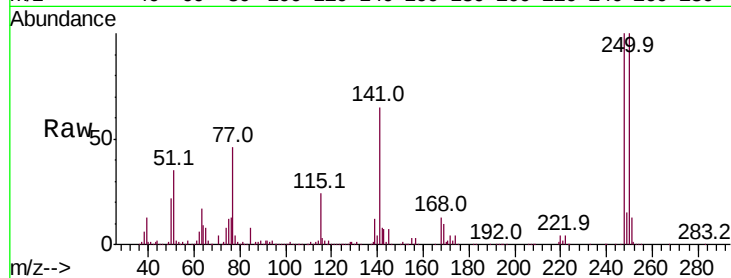




#67
 4-Bromophenyl-phenylether
 Concen: 39.121 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

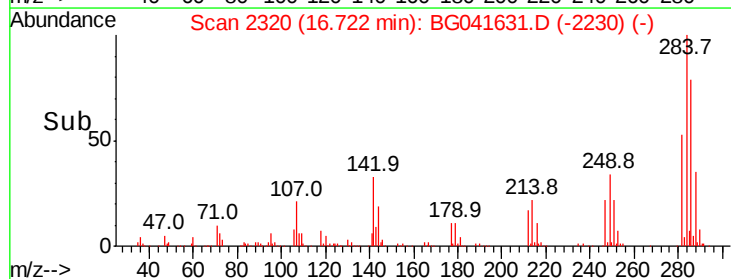
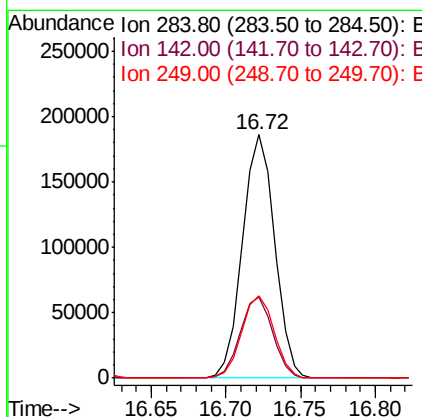
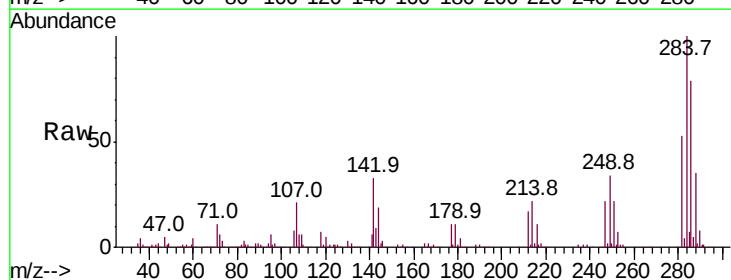
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071119

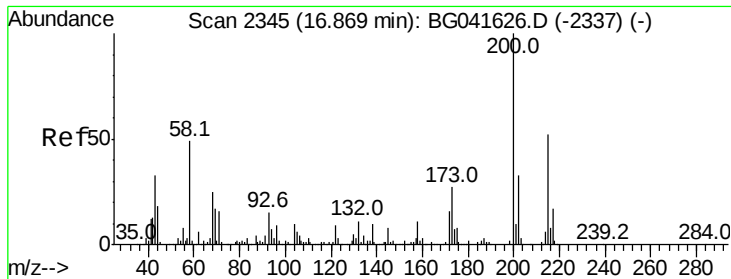
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	79.8	119.8
141	64.8	55.8	83.6



#68
 Hexachlorobenzene
 Concen: 39.552 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	21.8	32.8#
249	33.9	27.8	41.6





#69

Atrazine

Concen: 41.019 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

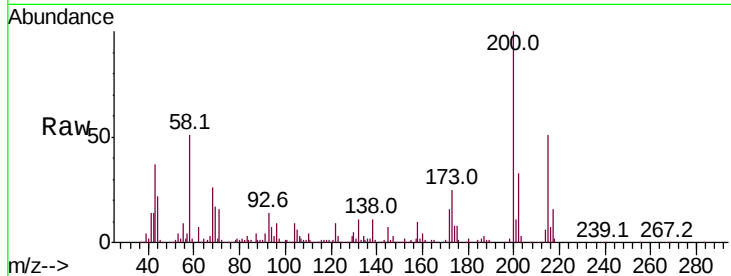
Tot Ion:200 Resp: 208710

Ion Ratio Lower Upper

200 100

173 25.2 4.0 44.0

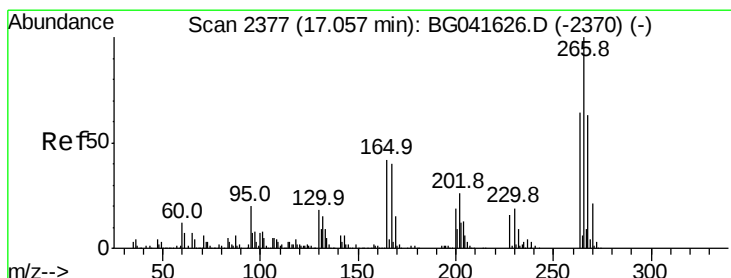
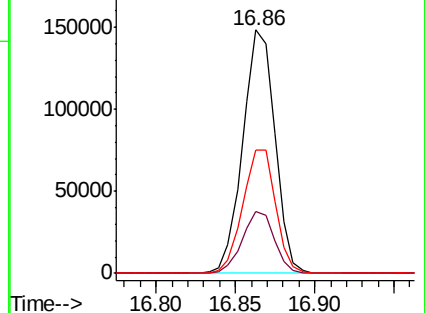
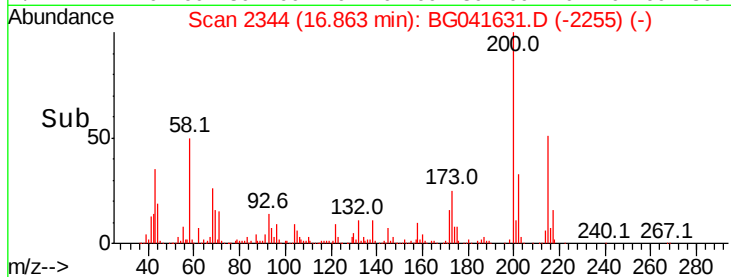
215 50.6 33.4 73.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.779 ng

RT: 17.06 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

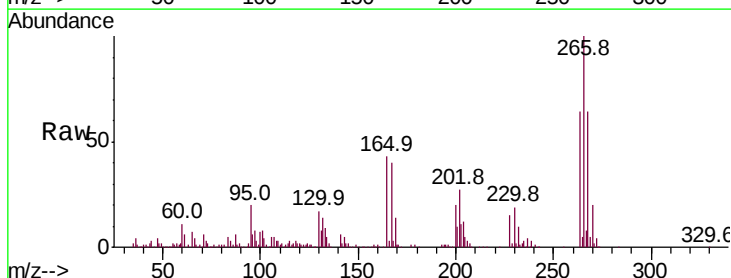
Tgt Ion:266 Resp: 173115

Ion Ratio Lower Upper

266 100

268 63.7 52.0 78.0

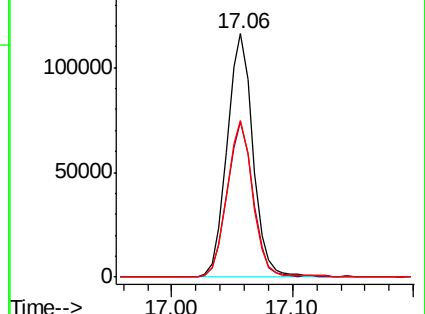
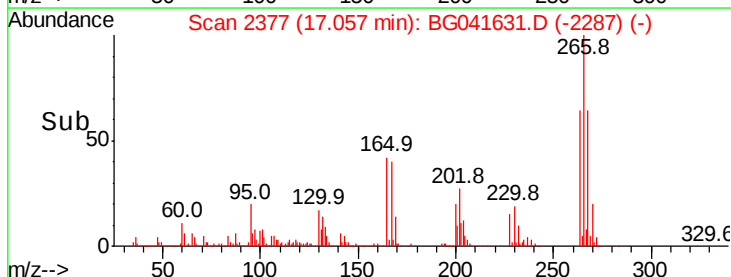
264 64.1 51.2 76.8

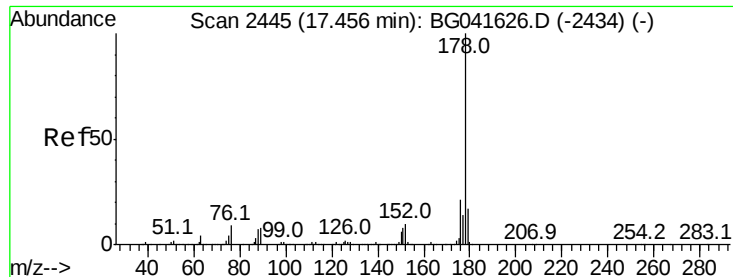


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

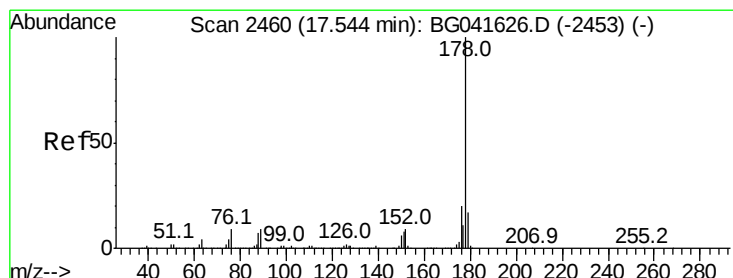
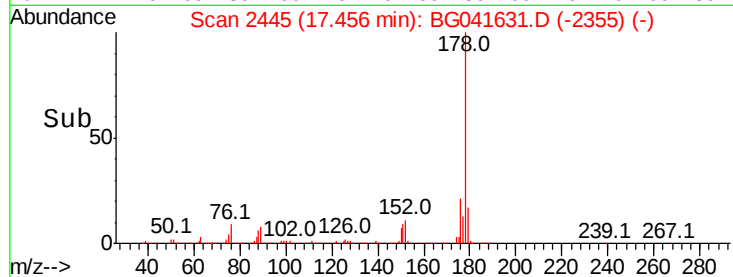
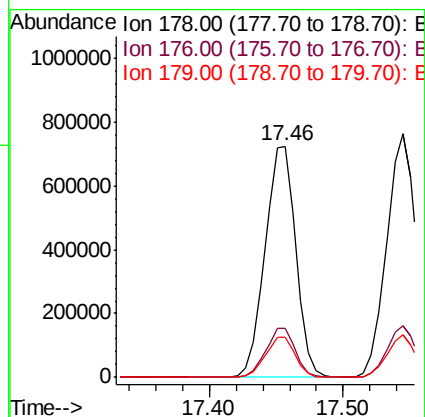
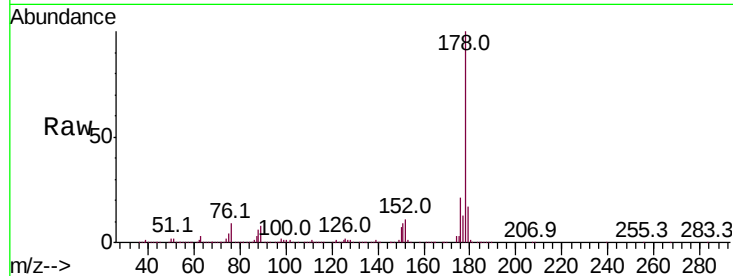




#71
Phenanthrene
Concen: 37.383 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

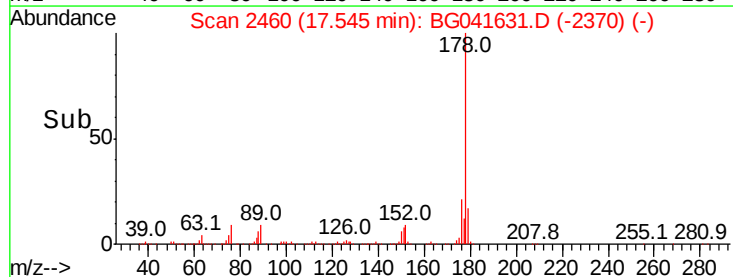
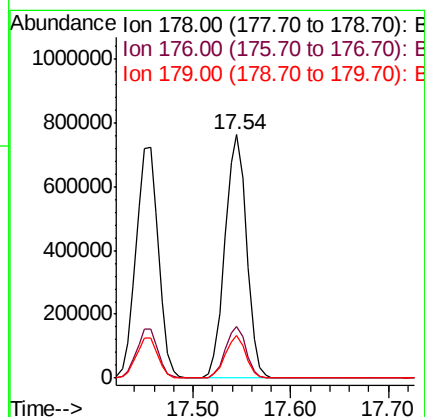
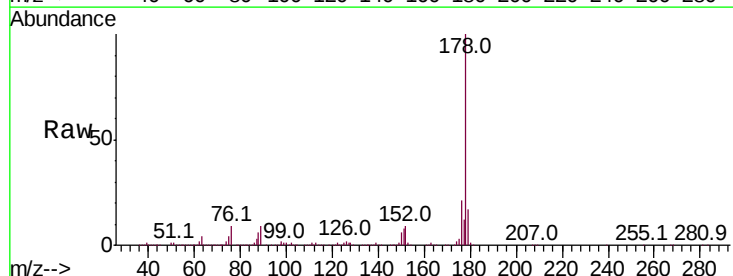
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

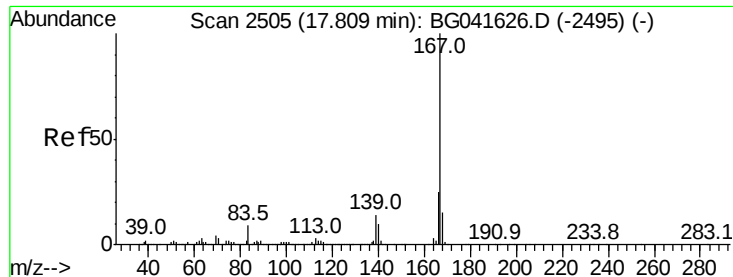
Tot Ion:178 Resp: 1154363
Ion Ratio Lower Upper
178 100
176 21.2 16.1 24.1
179 17.2 12.9 19.3



#72
Anthracene
Concen: 36.251 ng
RT: 17.54 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion:178 Resp: 1170746
Ion Ratio Lower Upper
178 100
176 21.0 15.4 23.2
179 17.5 13.0 19.4





#73

Carbazole

Concen: 36.314 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

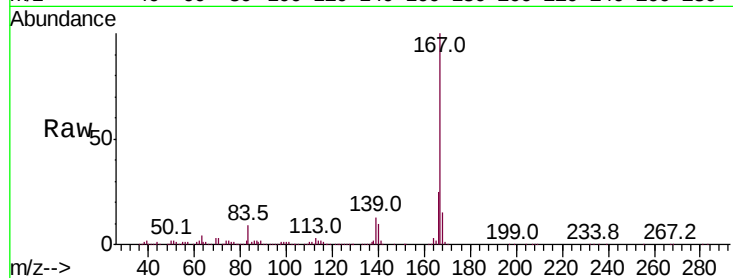
Tot Ion:167 Resp: 1081100

Ion Ratio Lower Upper

167 100

166 24.7 17.9 26.9

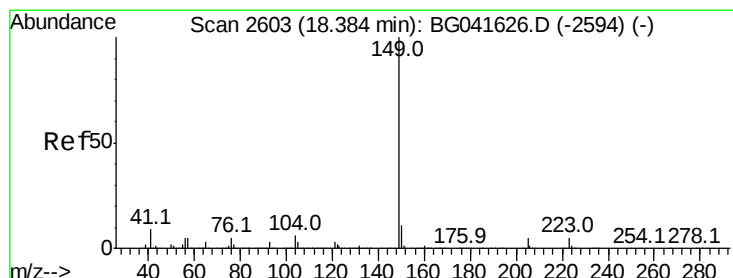
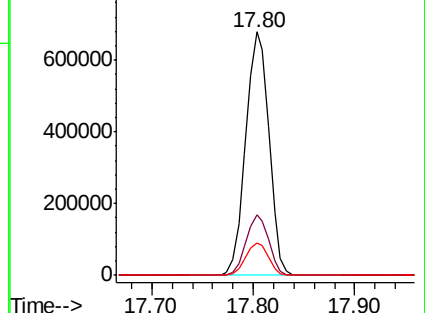
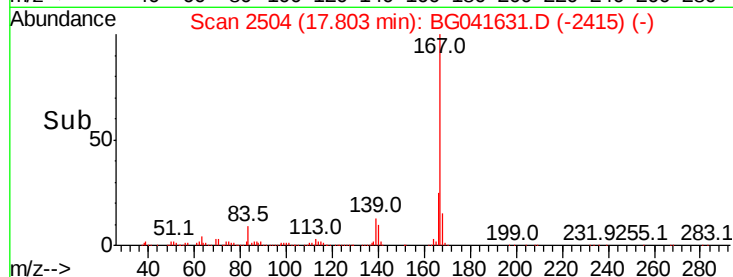
139 13.5 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.190 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

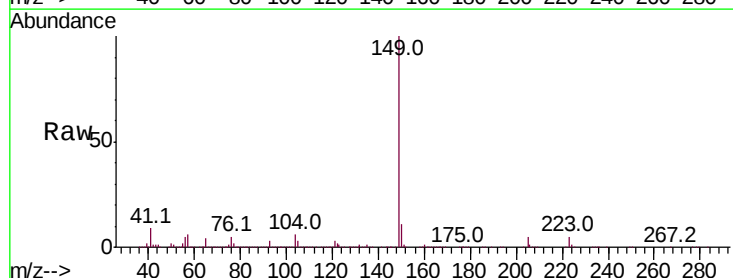
Tgt Ion:149 Resp: 1321773

Ion Ratio Lower Upper

149 100

150 11.1 8.1 12.1

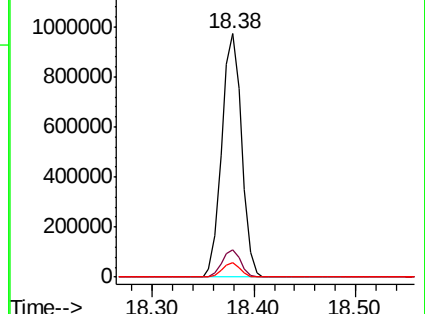
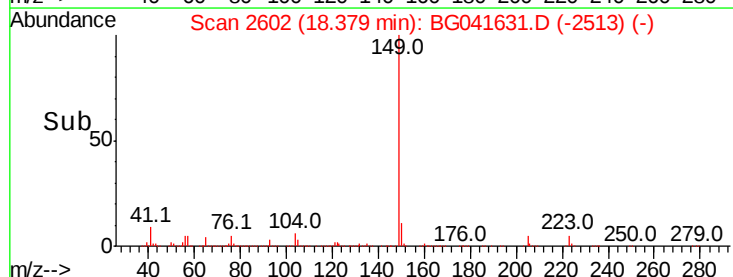
104 5.9 5.4 8.0

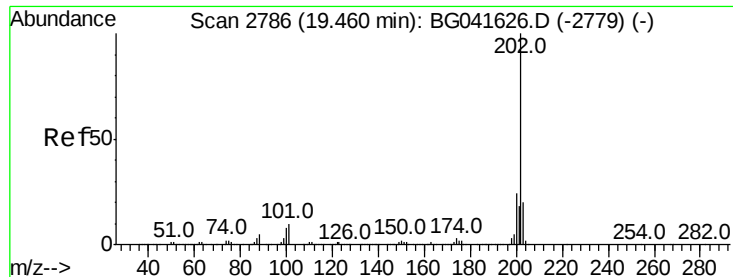


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.842 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

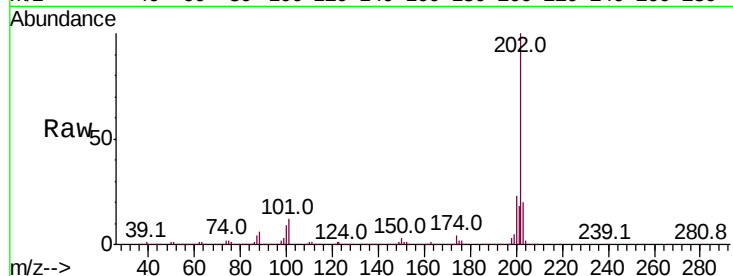
Tot Ion:202 Resp: 1406909

Ion Ratio Lower Upper

202 100

101 11.6 0.0 26.0

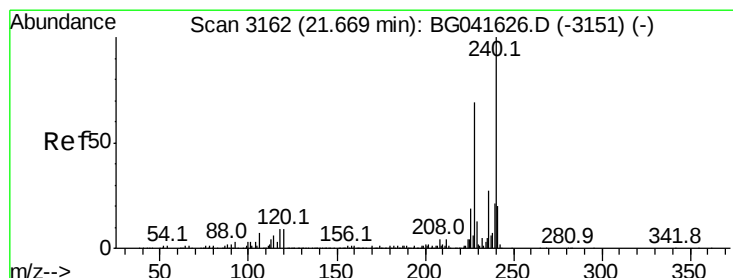
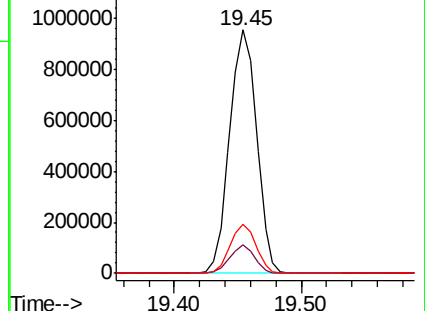
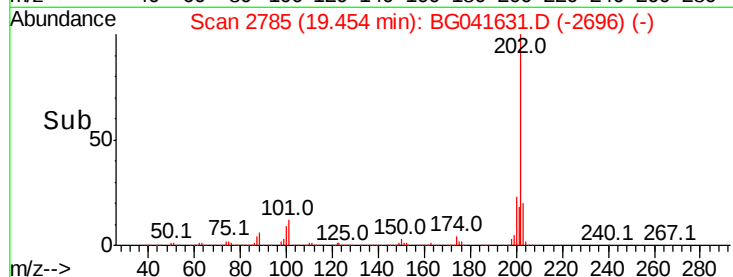
203 20.3 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

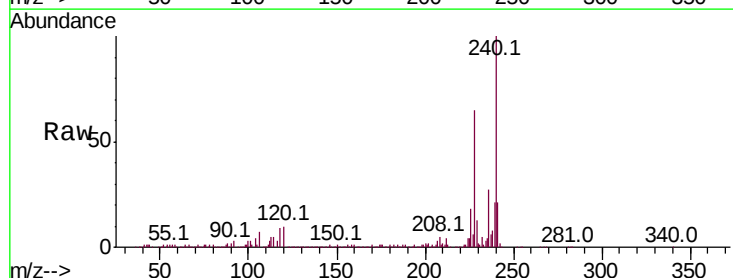
Tgt Ion:240 Resp: 550854

Ion Ratio Lower Upper

240 100

120 9.7 3.7 5.5#

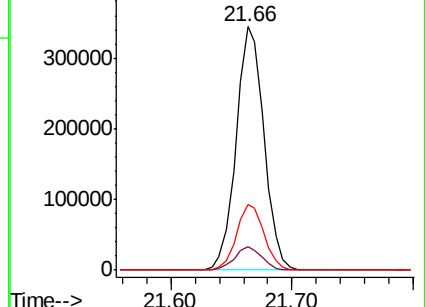
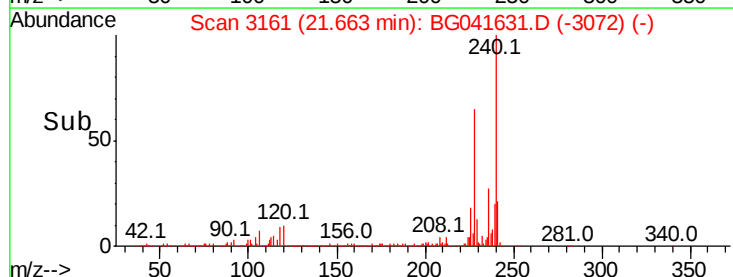
236 26.9 21.1 31.7

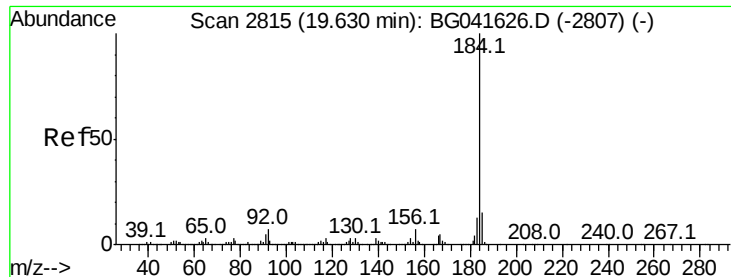


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.970 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

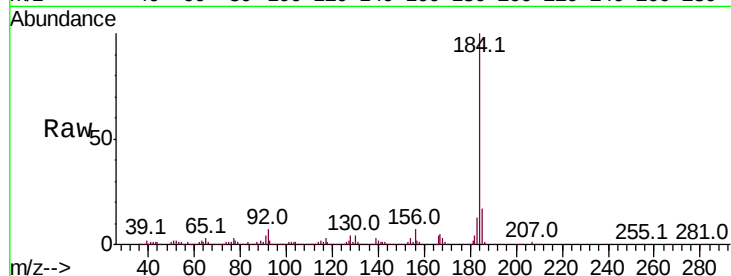
Tot Ion:184 Resp: 594101

Ion Ratio Lower Upper

184 100

185 17.0 12.2 18.2

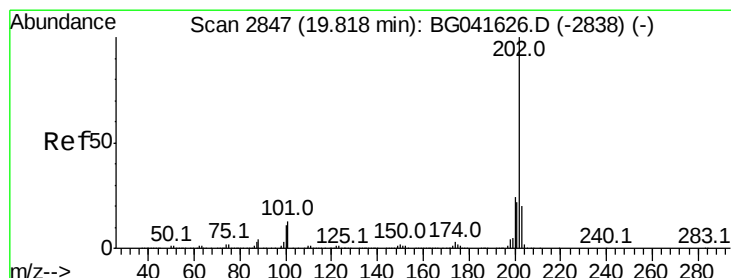
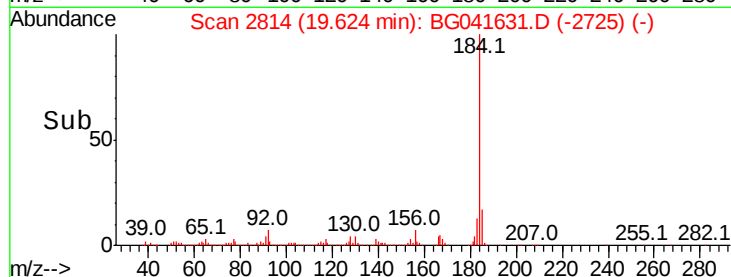
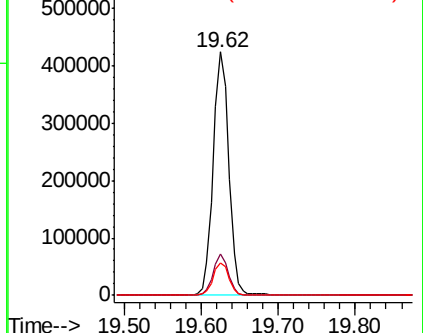
183 13.3 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.923 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

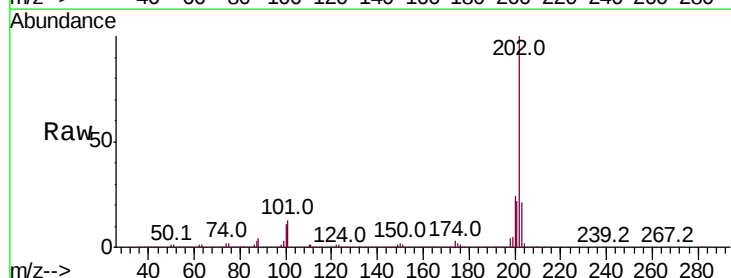
Tgt Ion:202 Resp: 1414978

Ion Ratio Lower Upper

202 100

200 24.2 16.8 25.2

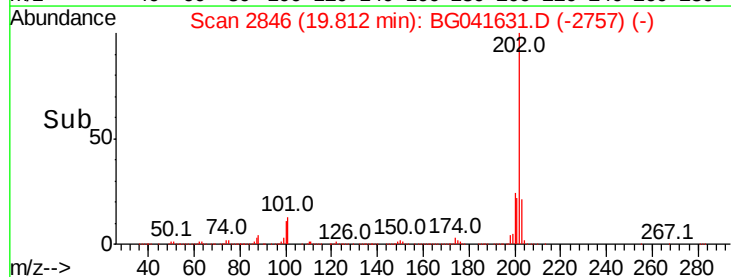
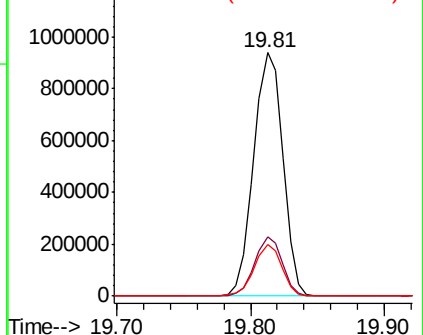
203 21.0 14.6 21.8

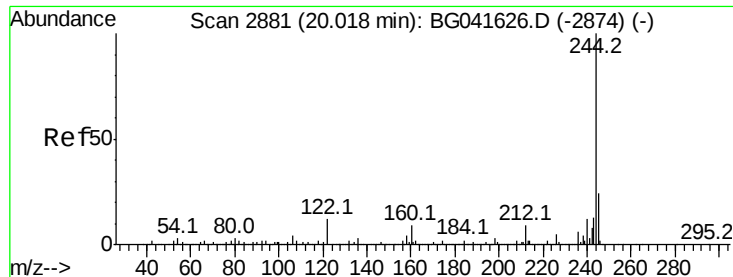


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.198 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

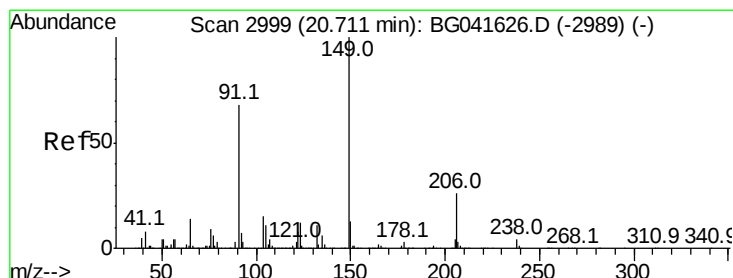
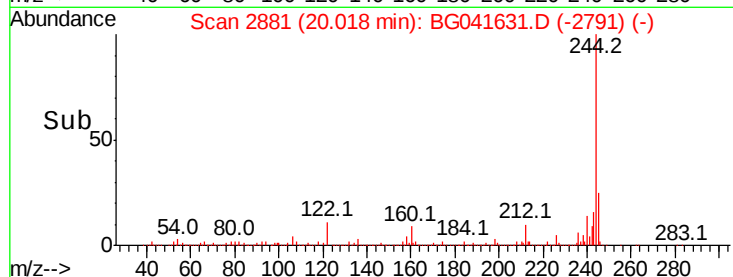
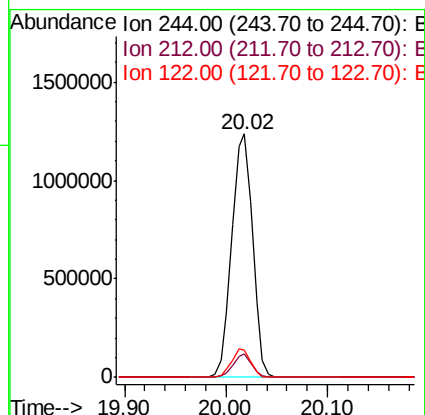
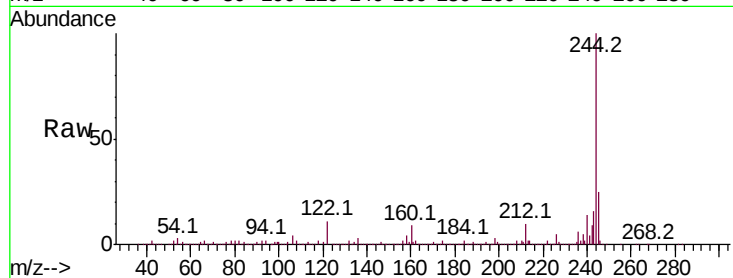
Tot Ion:244 Resp: 1762472

Ion Ratio Lower Upper

244 100

212 9.5 6.6 10.0

122 11.1 5.0 7.4#



#80

Butylbenzylphthalate

Concen: 39.208 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

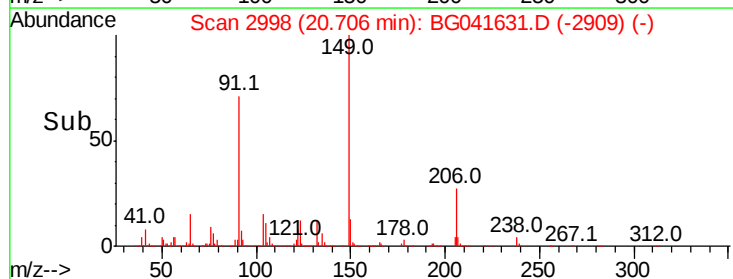
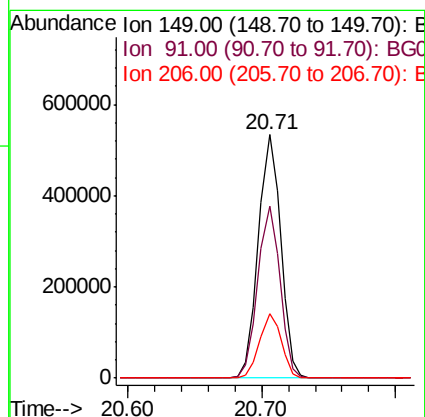
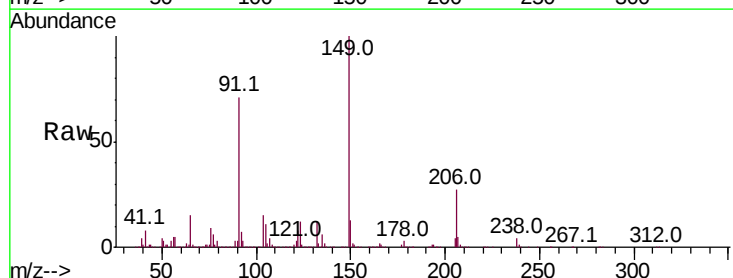
Tgt Ion:149 Resp: 616421

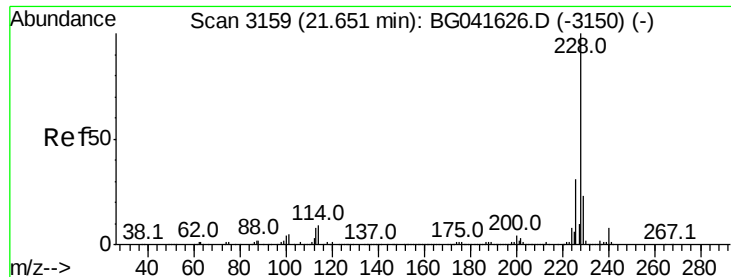
Ion Ratio Lower Upper

149 100

91 70.8 53.2 79.8

206 26.6 20.3 30.5





#81

Benzo(a)anthracene

Concen: 36.753 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

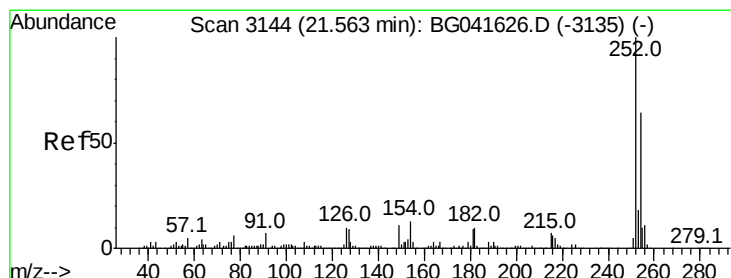
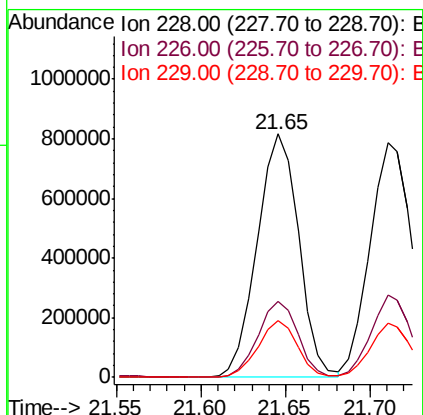
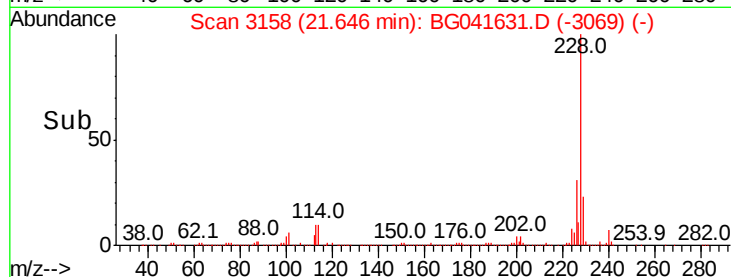
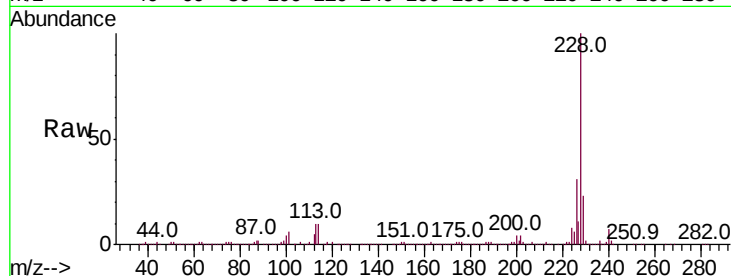
BNA_G

ClientSampleId :

ICVBG071119

Tot Ion:228 Resp: 1400798

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.2	34.8
229	23.4	16.8	25.2



#82

3,3'-Dichlorobenzidine

Concen: 38.615 ng

RT: 21.56 min Scan# 3143

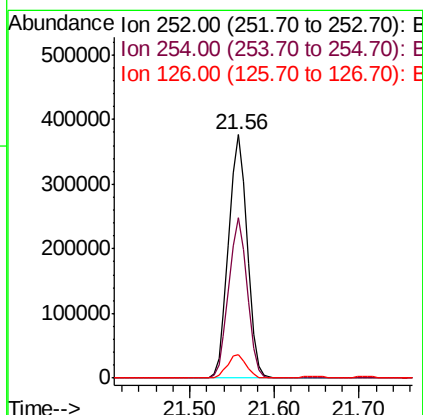
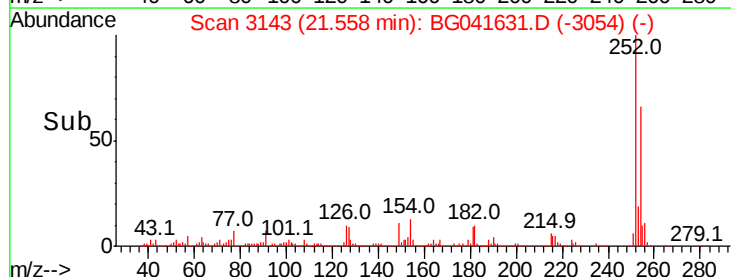
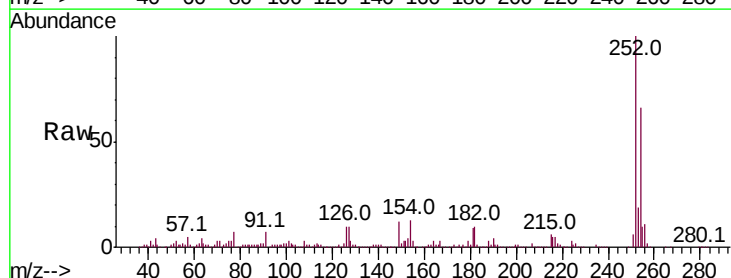
Delta R.T. -0.01 min

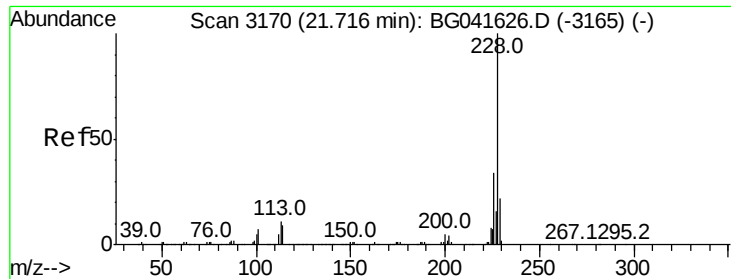
Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Tgt Ion:252 Resp: 571862

Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.4	77.0
126	9.7	6.0	9.0





#83

Chrysene

Concen: 39.591 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

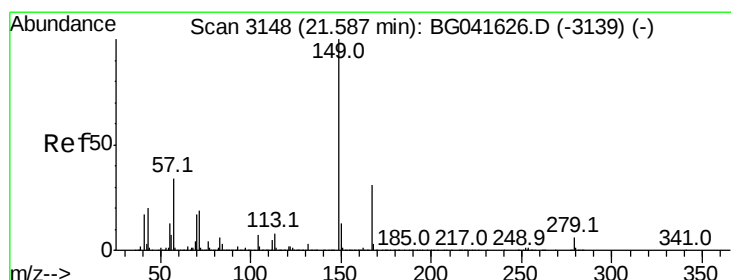
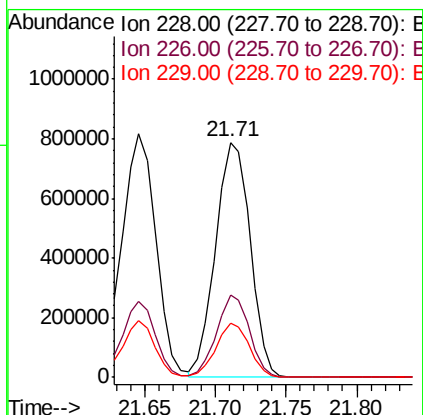
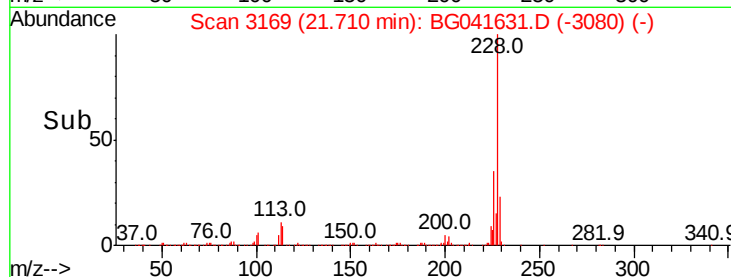
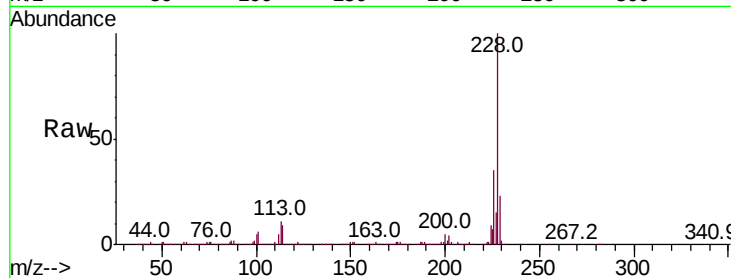
BNA_G

ClientSampleId :

ICVBG071119

Tot Ion:228 Resp: 1343207

Ion	Ratio	Lower	Upper
228	100		
226	34.8	25.4	38.0
229	22.8	16.2	24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.810 ng

RT: 21.58 min Scan# 3147

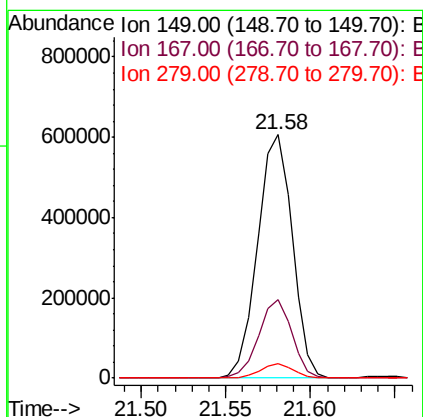
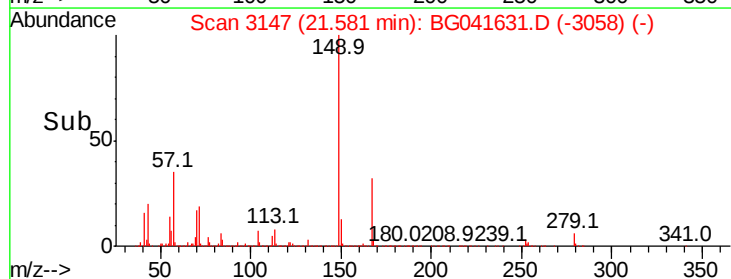
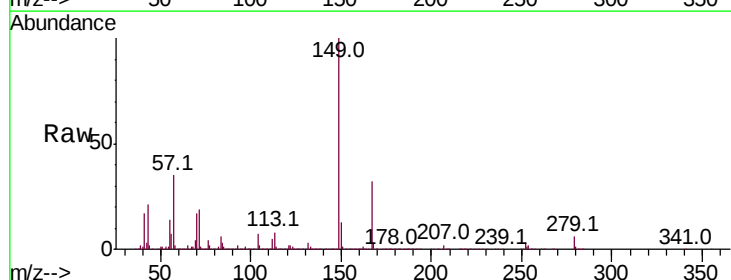
Delta R.T. -0.00 min

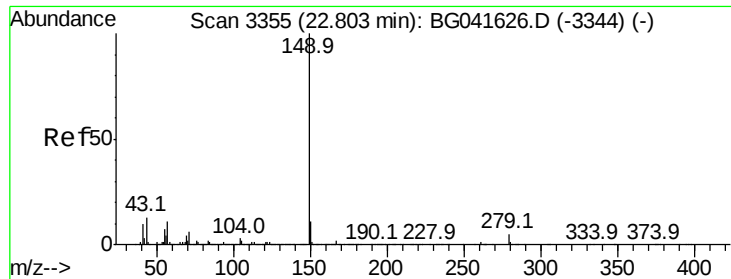
Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Tgt Ion:149 Resp: 866303

Ion	Ratio	Lower	Upper
149	100		
167	32.0	23.8	35.8
279	5.9	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 38.177 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

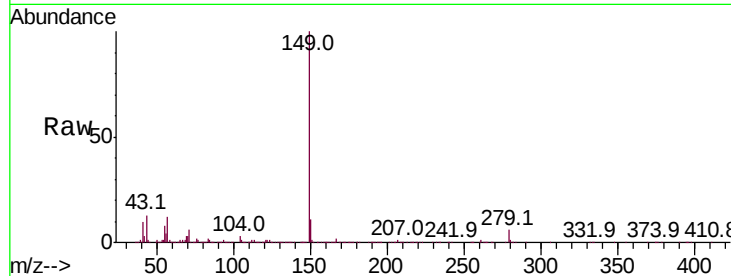
Tot Ion:149 Resp: 1518113

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

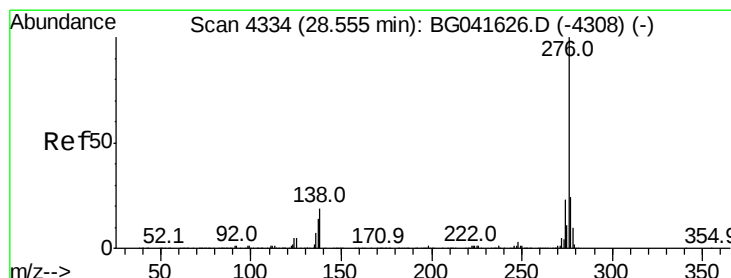
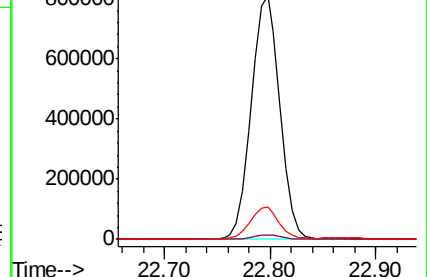
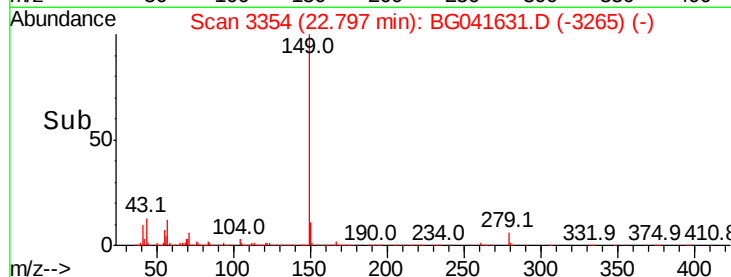
43 12.7 8.2 12.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.369 ng

RT: 28.53 min Scan# 4330

Delta R.T. -0.02 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

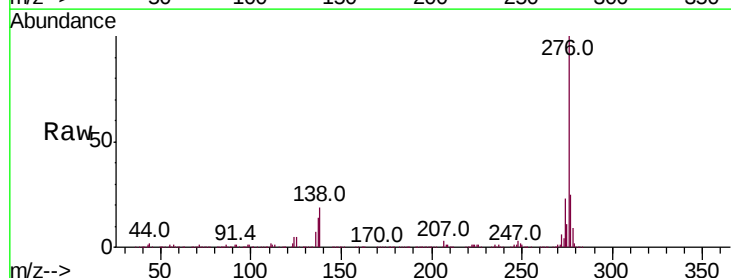
Tgt Ion:276 Resp: 1727131

Ion Ratio Lower Upper

276 100

138 16.5 7.7 11.5#

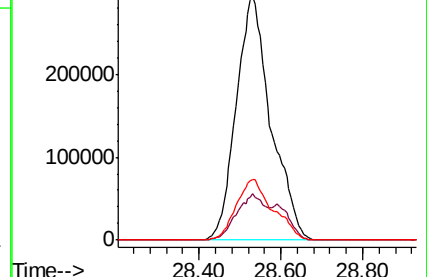
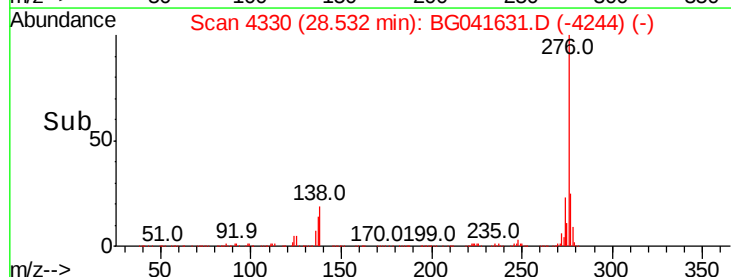
277 26.3 20.6 31.0

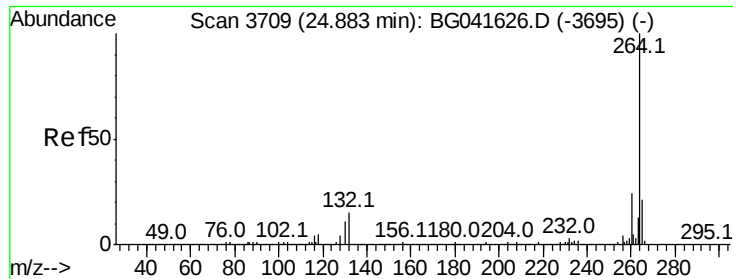


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.87 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

Instrument :

BNA_G

ClientSampleId :

ICVBG071119

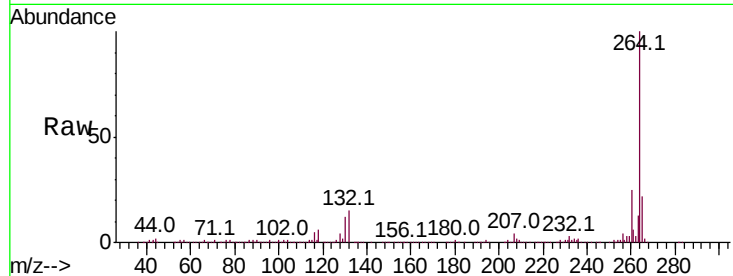
Tot Ion:264 Resp: 641106

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.2

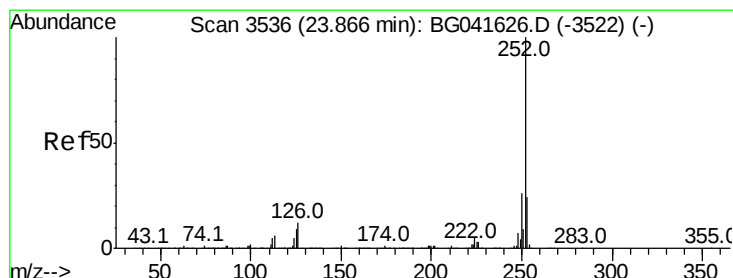
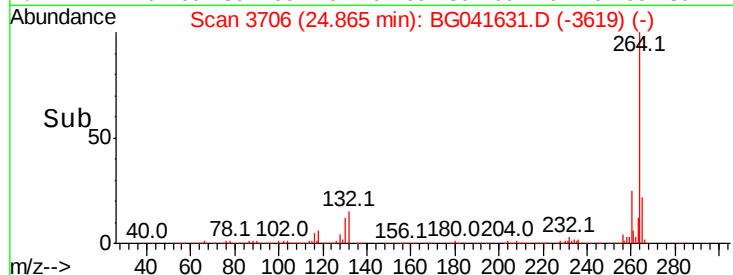
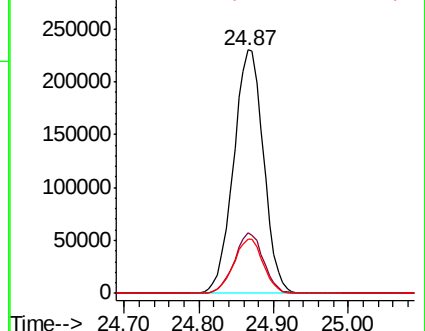
265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.253 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG041631.D

Acq: 11 Jul 2019 23:20

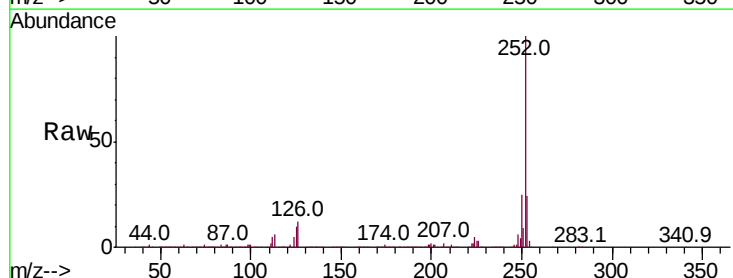
Tgt Ion:252 Resp: 1532099

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

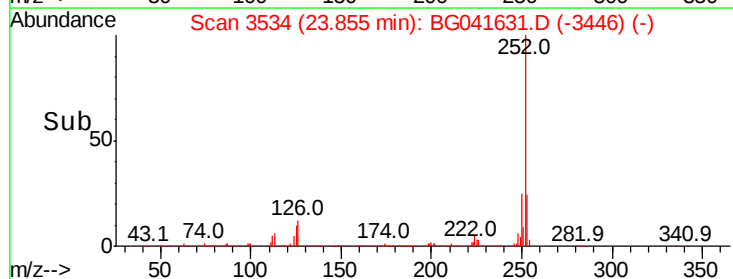
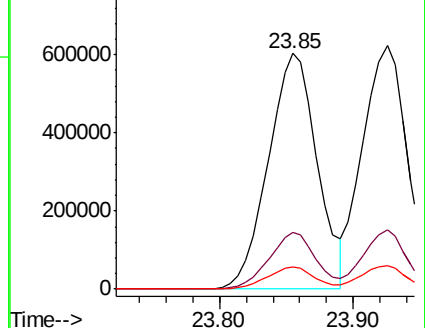
125 9.6 3.9 5.9#

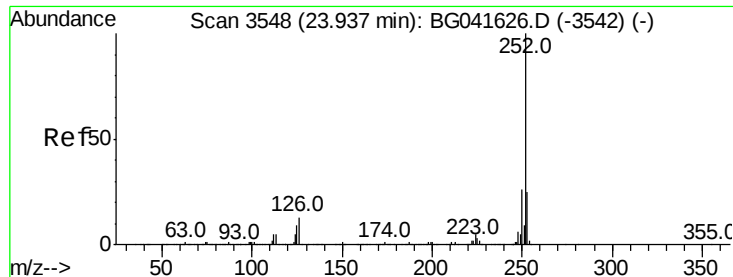


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

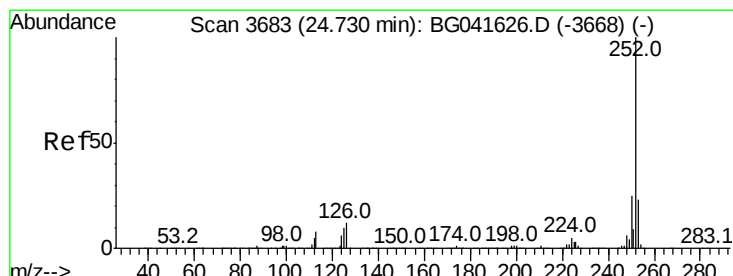
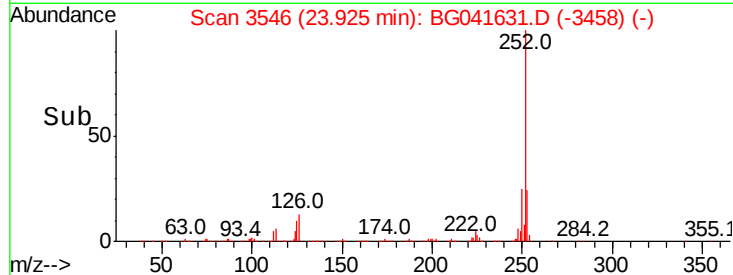
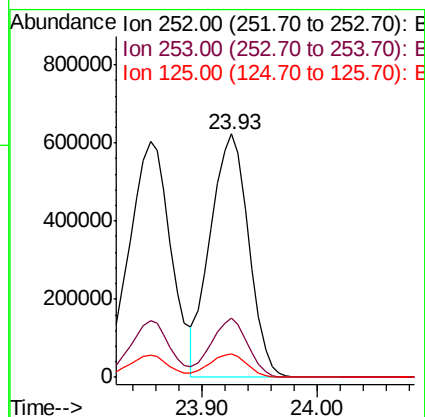
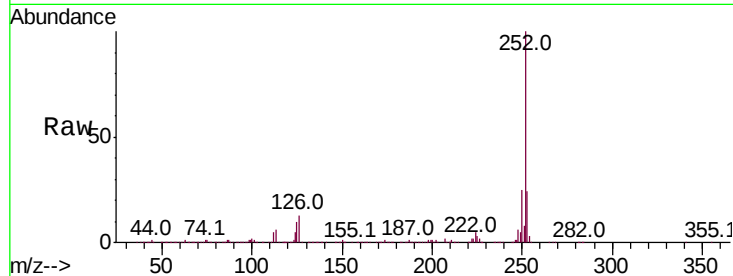




#89
Benzo(k)fluoranthene
Concen: 39.517 ng
RT: 23.93 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

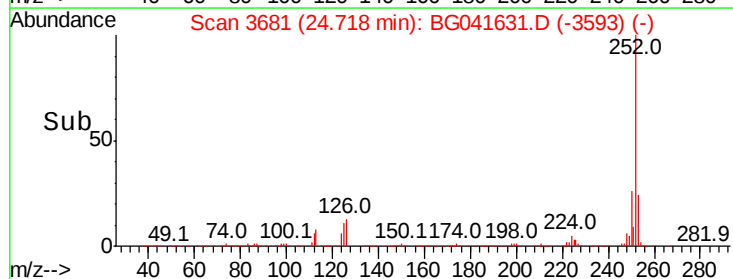
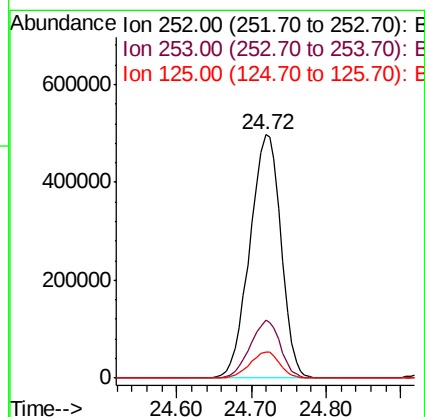
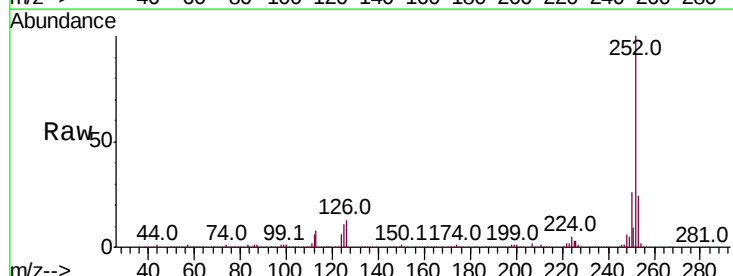
Instrument :
BNA_G
ClientSampleId :
ICVBG071119

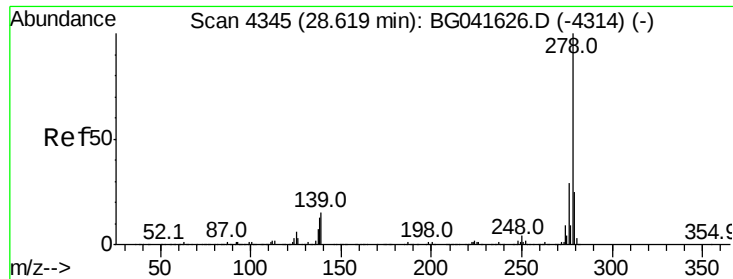
Tot Ion:252 Resp: 1433428
Ion Ratio Lower Upper
252 100
253 24.4 18.0 27.0
125 9.8 4.3 6.5#



#90
Benzo(a)pyrene
Concen: 39.543 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG041631.D
Acq: 11 Jul 2019 23:20

Tgt Ion:252 Resp: 1442380
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 10.7 4.2 6.4#

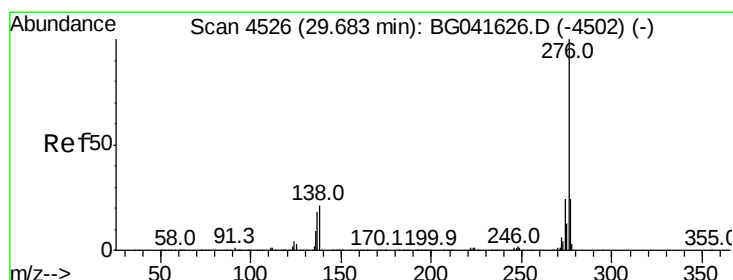
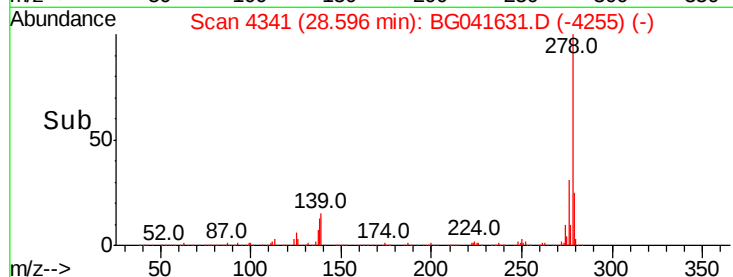
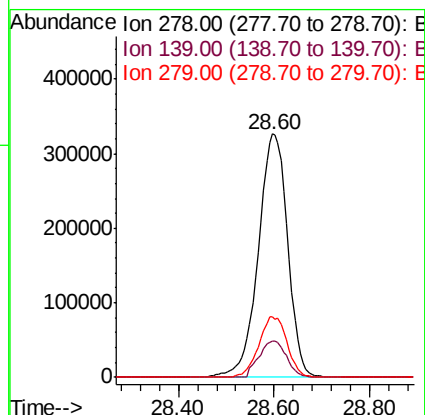
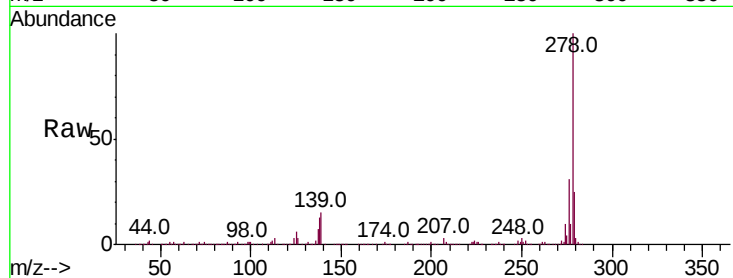




#91
 Dibenzo(a,h)anthracene
 Concen: 39.185 ng
 RT: 28.60 min Scan# 4341
 Delta R.T. -0.02 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071119

Tot Ion:278 Resp: 1387981
 Ion Ratio Lower Upper
 278 100
 139 14.9 6.6 10.0#
 279 25.0 18.5 27.7



#92
 Benzo(g,h,i)perylene
 Concen: 39.176 ng
 RT: 29.67 min Scan# 4524
 Delta R.T. -0.01 min
 Lab File: BG041631.D
 Acq: 11 Jul 2019 23:20

Tgt Ion:276 Resp: 1384209
 Ion Ratio Lower Upper
 276 100
 277 24.6 17.9 26.9
 138 19.3 9.4 14.0#

