

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081919\
 Data File : BG042327.D
 Acq On : 19 Aug 2019 14:42
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

Quant Time: Aug 19 15:55:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	55569	20.00	ng	0.02
21) Naphthalene-d8	10.84	136	235122	20.00	ng	0.01
39) Acenaphthene-d10	14.67	164	174418	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	386577	20.00	ng	0.00
76) Chrysene-d12	21.70	240	385192	20.00	ng	0.00
87) Perylene-d12	24.94	264	466542	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	237328	86.53	ng	0.01
7) Phenol-d6	7.18	99	321358	86.27	ng	0.02
23) Nitrobenzene-d5	9.19	82	278560	83.33	ng	0.01
42) 2,4,6-Tribromophenol	16.16	330	198077	83.38	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	863837	83.81	ng	0.00
79) Terphenyl-d14	20.03	244	1447938	82.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	47998	40.581	ng	97
3) Pyridine	3.84	79	126375	41.712	ng	97
4) n-Nitrosodimethylamine	3.75	42	44076	42.256	ng	95
6) Aniline	7.34	93	199862	40.656	ng	100
8) 2-Chlorophenol	7.58	128	141731	42.508	ng	98
9) Benzaldehyde	7.15	77	82843	39.539	ng	99
10) Phenol	7.21	94	162858	43.005	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	126742	42.372	ng	99
12) 1,3-Dichlorobenzene	7.91	146	175371	41.327	ng	98
13) 1,4-Dichlorobenzene	8.06	146	174699	40.874	ng	99
14) 1,2-Dichlorobenzene	8.38	146	167656	41.104	ng	100
15) Benzyl Alcohol	8.26	79	110571	43.162	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	166711	40.417	ng	98
17) 2-Methylphenol	8.47	107	117219	41.862	ng	99
18) Hexachloroethane	9.11	117	59353	40.406	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	102485	42.776	ng	99
20) 3+4-Methylphenols	8.80	107	164031	42.343	ng	99
22) Acetophenone	8.85	105	210042	42.043	ng	# 98
24) Nitrobenzene	9.23	77	143902	42.246	ng	97
25) Isophorone	9.76	82	281400	42.096	ng	99
26) 2-Nitrophenol	9.94	139	91586	43.251	ng	99
27) 2,4-Dimethylphenol	10.01	122	122533	41.711	ng	99
28) bis(2-Chloroethoxy)methane	10.24	93	183327	42.576	ng	99
29) 2,4-Dichlorophenol	10.49	162	165877	42.467	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	194591	40.756	ng	99
31) Naphthalene	10.89	128	458999	42.126	ng	99
32) Benzoic acid	10.16	122	79581	39.007	ng	96
33) 4-Chloroaniline	11.00	127	205315	41.322	ng	99
34) Hexachlorobutadiene	11.18	225	131323	41.043	ng	96
35) Caprolactam	11.77	113	52091	41.843	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	156071	42.748	ng	97
37) 2-Methylnaphthalene	12.50	142	368117	42.146	ng	99
38) 1-Methylnaphthalene	12.72	142	353994	42.548	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	230365	40.976	ng	100

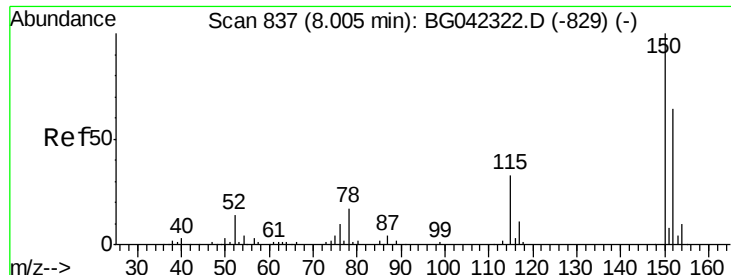
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	111394	37.963	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	150858	40.092	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	159452	41.143	ng	99
46) 1,1'-Biphenyl	13.51	154	472608	41.532	ng	100
47) 2-Chloronaphthalene	13.55	162	400523	41.286	ng	100
48) 2-Nitroaniline	13.75	65	94465	41.201	ng	97
49) Acenaphthylene	14.39	152	620702	42.561	ng	99
50) Dimethylphthalate	14.12	163	515668	41.607	ng	100
51) 2,6-Dinitrotoluene	14.24	165	121425	41.861	ng	98
52) Acenaphthene	14.74	154	369453	41.528	ng	98
53) 3-Nitroaniline	14.57	138	115656	40.551	ng	100
54) 2,4-Dinitrophenol	14.79	184	68693	40.169	ng	97
55) Dibenzofuran	15.07	168	612471	42.265	ng	99
56) 4-Nitrophenol	14.89	139	90424	43.946	ng	98
57) 2,4-Dinitrotoluene	15.03	165	170992	42.163	ng	97
58) Fluorene	15.72	166	497460	42.199	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	153458	40.770	ng	91
60) Diethylphthalate	15.49	149	498279	41.556	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	293895	41.516	ng	99
62) 4-Nitroaniline	15.74	138	124832	41.418	ng	98
63) Azobenzene	16.01	77	347400	41.575	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	103781	43.999	ng	97
66) n-Nitrosodiphenylamine	15.93	169	455893	42.145	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	202094	41.080	ng	100
68) Hexachlorobenzene	16.74	284	217825	41.335	ng	98
69) Atrazine	16.87	200	153224	41.325	ng	98
70) Pentachlorophenol	17.08	266	118060	42.087	ng	98
71) Phenanthrene	17.47	178	817238	42.447	ng	99
72) Anthracene	17.56	178	818592	42.631	ng	99
73) Carbazole	17.82	167	726024	42.564	ng	100
74) Di-n-butylphthalate	18.38	149	847946	42.617	ng	100
75) Fluoranthene	19.47	202	1006870	43.368	ng	100
77) Benzidine	19.65	184	436668	42.756	ng	98
78) Pyrene	19.84	202	1005889	42.440	ng	100
80) Butylbenzylphthalate	20.72	149	391815	41.711	ng	97
81) Benzo(a)anthracene	21.68	228	997079	42.151	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	389820	41.403	ng	97
83) Chrysene	21.75	228	971826	42.947	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	549588	41.961	ng	99
85) Di-n-octyl phthalate	22.81	149	939481	42.052	ng	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1256314	41.581	ng	100
88) Benzo(b)fluoranthene	23.92	252	1085053	42.313	ng	98
89) Benzo(k)fluoranthene	23.99	252	1027395	40.986	ng	99
90) Benzo(a)pyrene	24.79	252	1027549	41.818	ng	99
91) Dibenzo(a,h)anthracene	28.73	278	1016211	41.455	ng	98
92) Benzo(g,h,i)perylene	29.82	276	1014720	41.540	ng	99

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

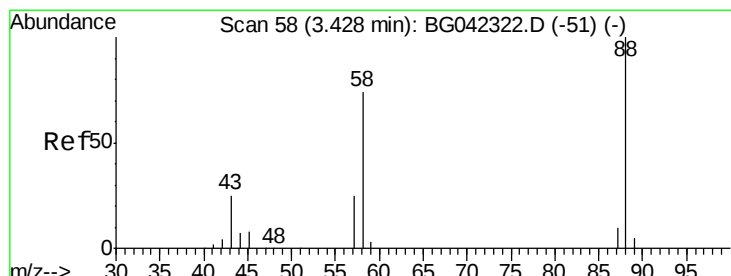
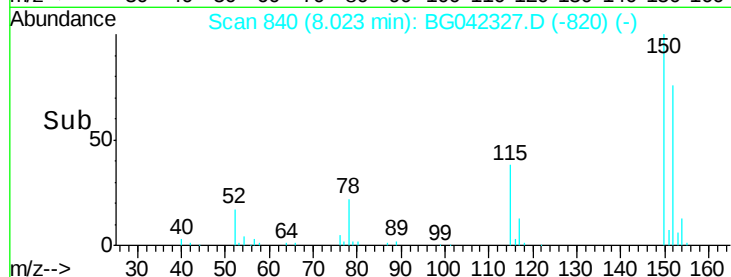
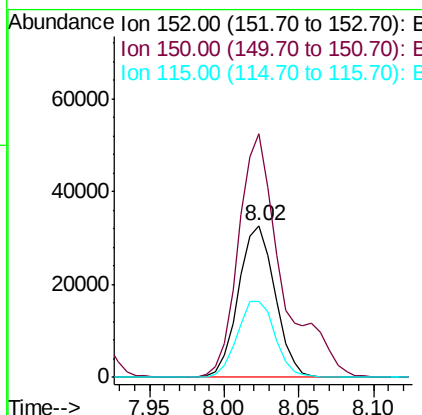
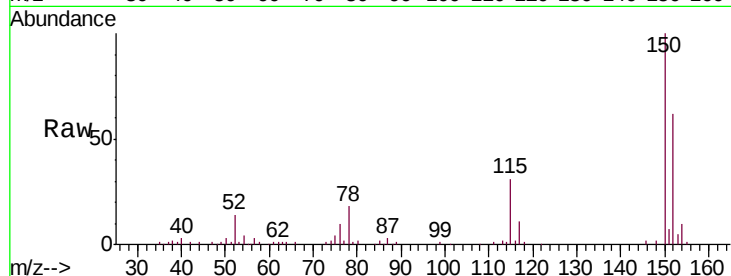


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. 0.02 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

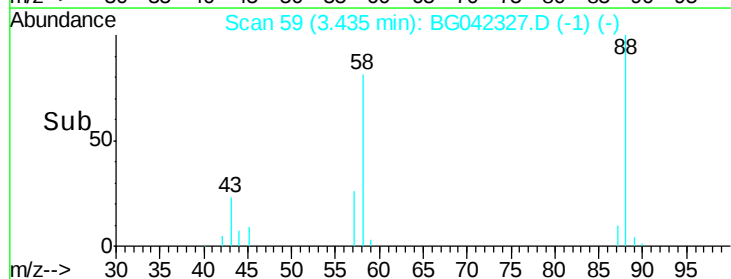
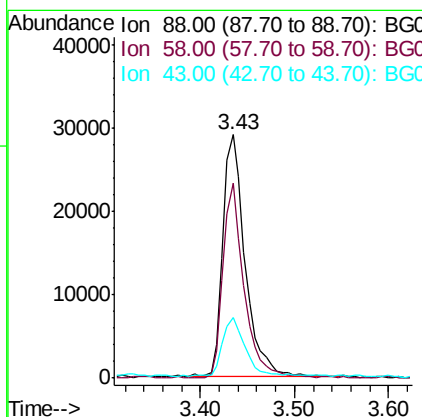
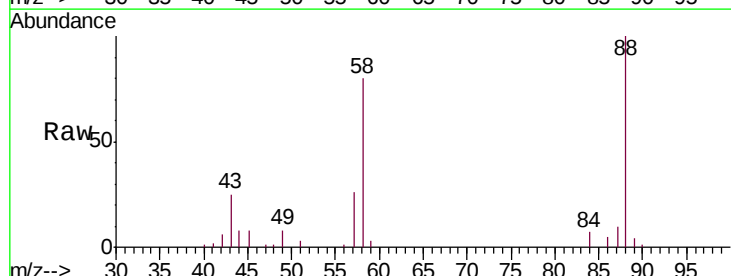
Tgt Ion:152 Resp: 55569
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.3 186.5
 115 50.3 40.5 60.7

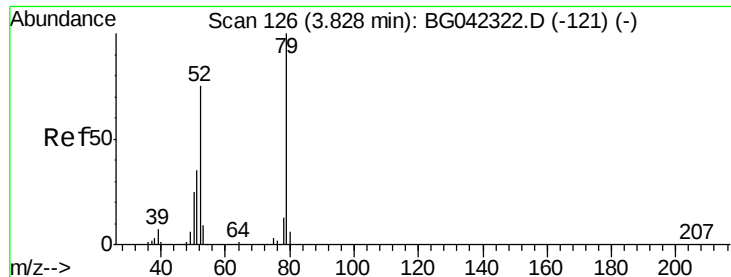


#2

1,4-Dioxane
 Concen: 40.581 ng
 RT: 3.43 min Scan# 59
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion: 88 Resp: 47998
 Ion Ratio Lower Upper
 88 100
 58 76.1 58.6 88.0
 43 24.1 19.4 29.0





#3

Pyridine

Concen: 41.712 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

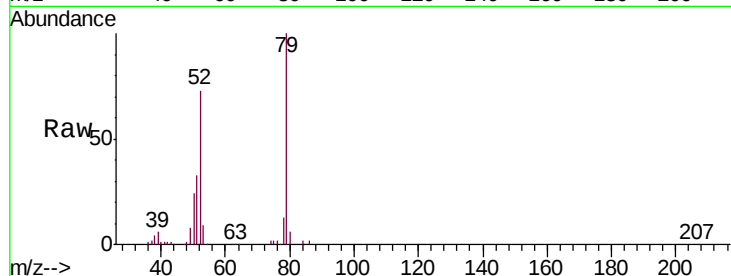
Tgt Ion: 79 Resp: 126375

Ion Ratio Lower Upper

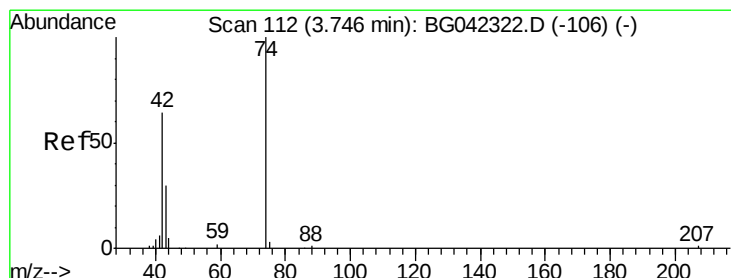
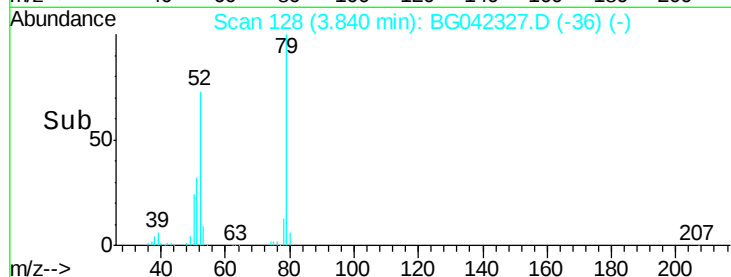
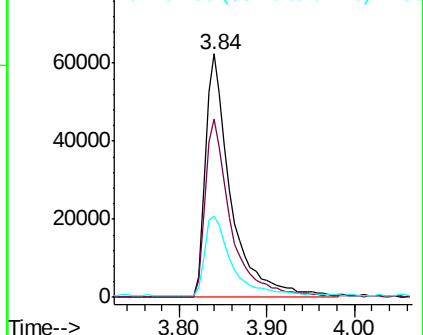
79 100

52 73.2 60.0 90.0

51 33.4 28.6 42.8



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



#4

n-Nitrosodimethylamine

Concen: 42.256 ng

RT: 3.75 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

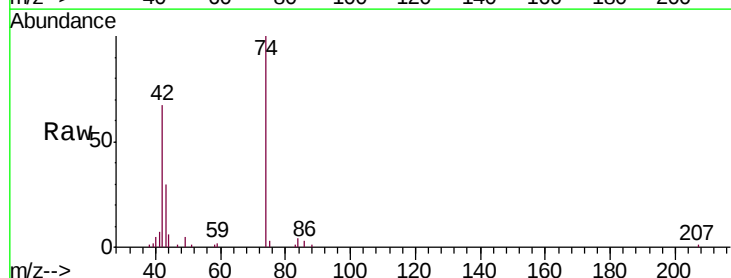
Tgt Ion: 42 Resp: 44076

Ion Ratio Lower Upper

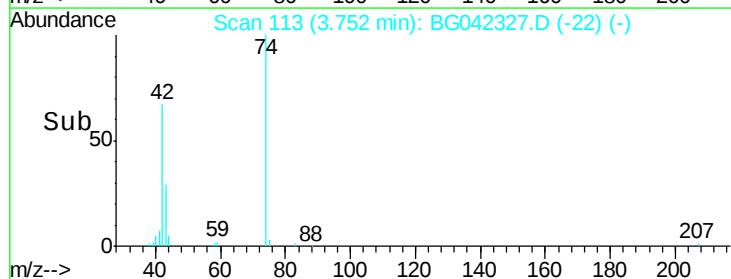
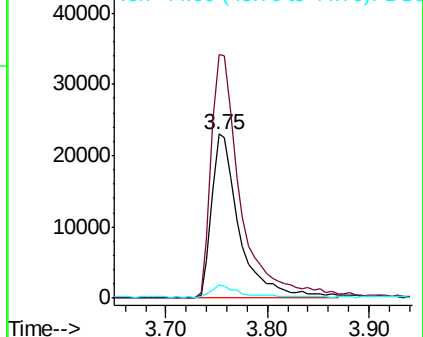
42 100

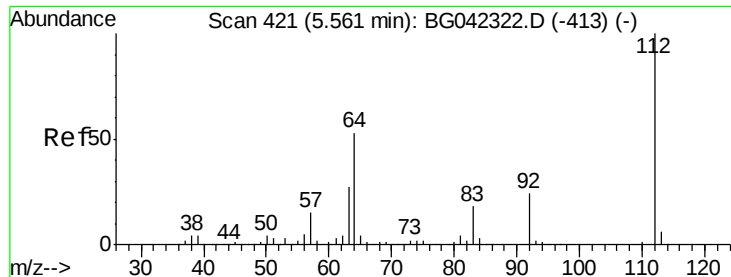
74 148.5 124.2 186.2

44 8.2 6.5 9.7



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





#5

2-Fluorophenol

Concen: 86.532 ng

RT: 5.57 min Scan# 423

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

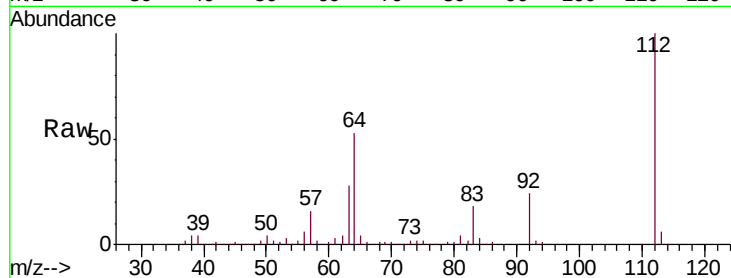
Tgt Ion: 112 Resp: 237328

Ion Ratio Lower Upper

112 100

64 53.5 42.5 63.7

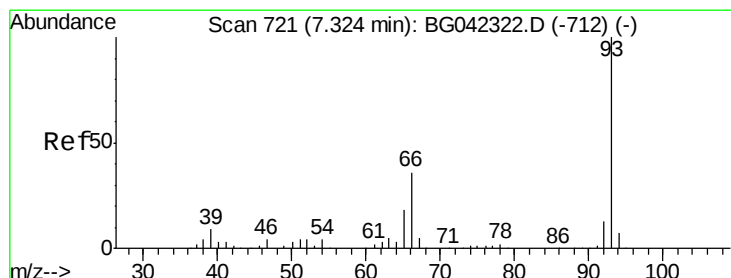
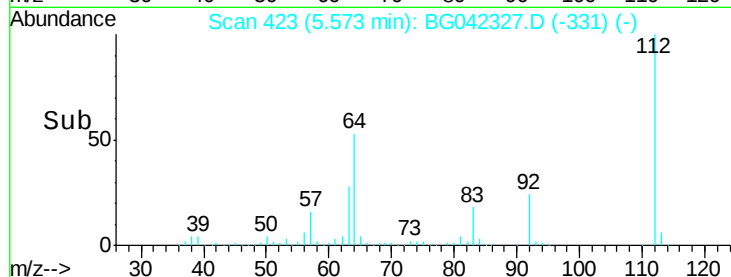
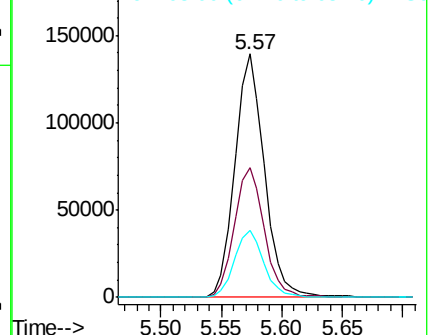
63 27.5 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.656 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.02 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

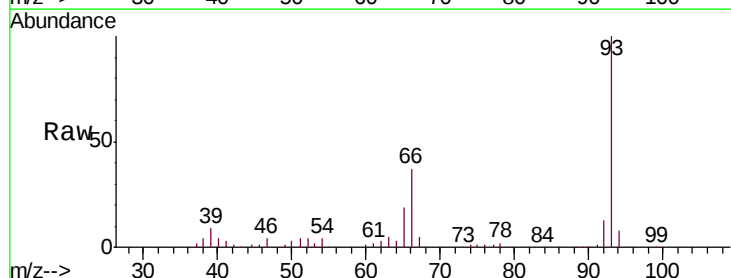
Tgt Ion: 93 Resp: 199862

Ion Ratio Lower Upper

93 100

66 36.6 29.1 43.7

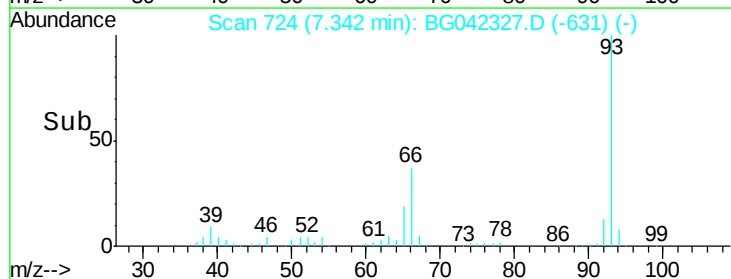
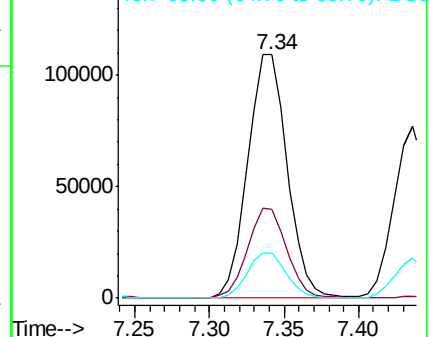
65 18.6 14.7 22.1

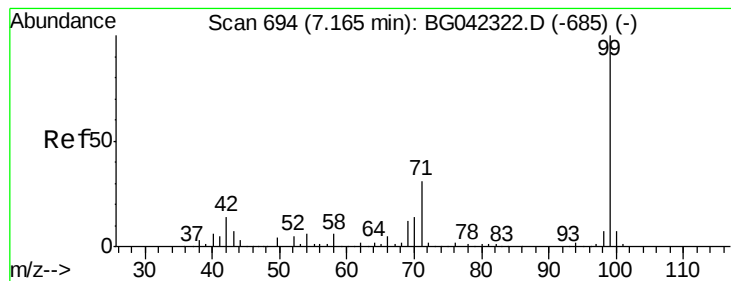


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.274 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.02 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

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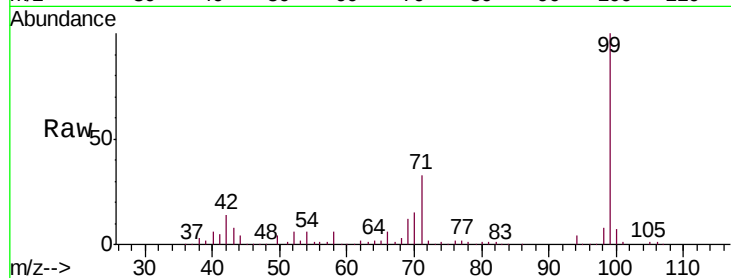
Tgt Ion: 99 Resp: 321358

Ion Ratio Lower Upper

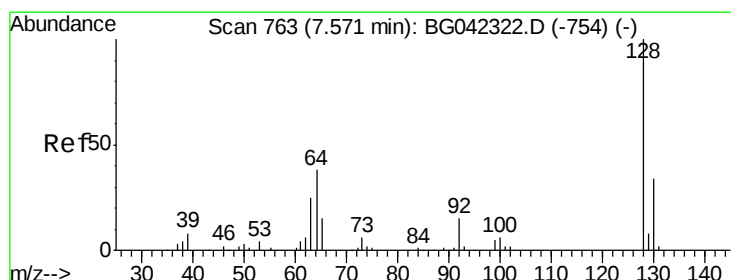
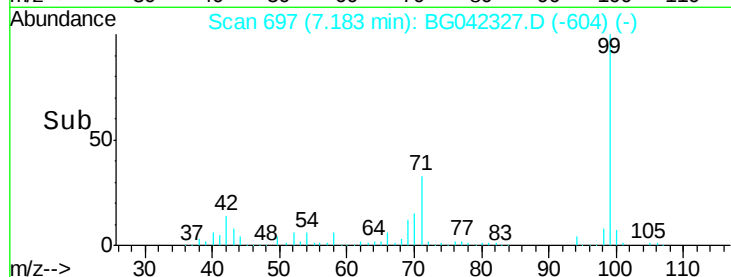
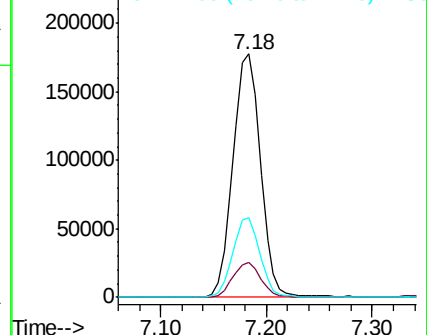
99 100

42 14.2 11.4 17.0

71 33.0 25.1 37.7



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



#8

2-Chlorophenol

Concen: 42.508 ng

RT: 7.58 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

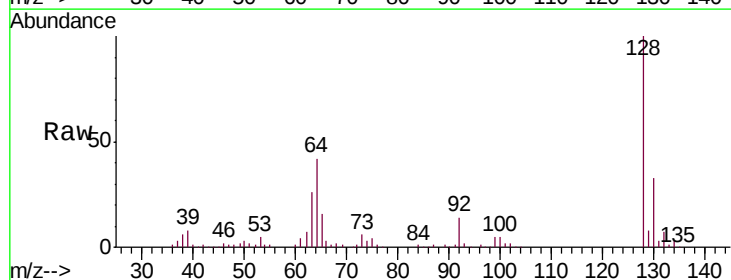
Tgt Ion: 128 Resp: 141731

Ion Ratio Lower Upper

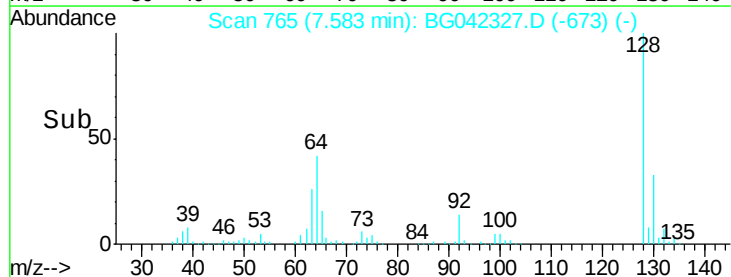
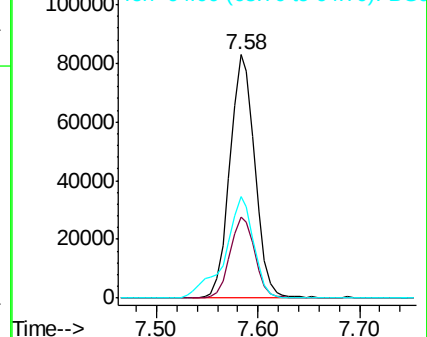
128 100

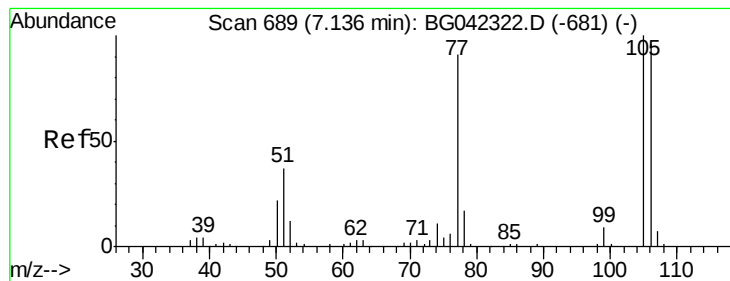
130 33.4 13.5 53.5

64 41.9 19.8 59.8



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: 39.539 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

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ClientSampleId :

ICVBG081919

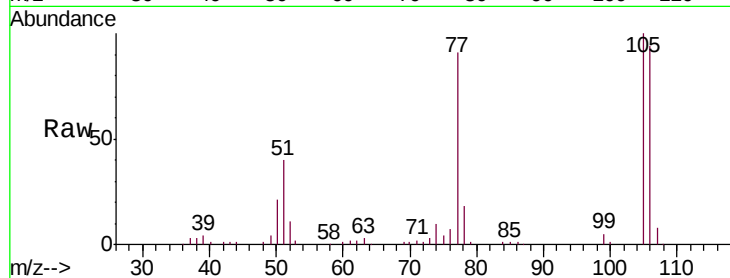
Tgt Ion: 77 Resp: 82843

Ion Ratio Lower Upper

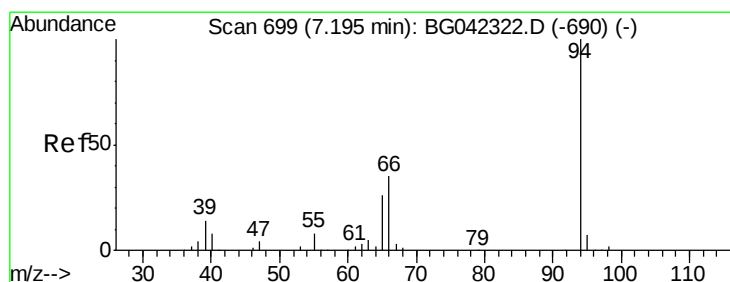
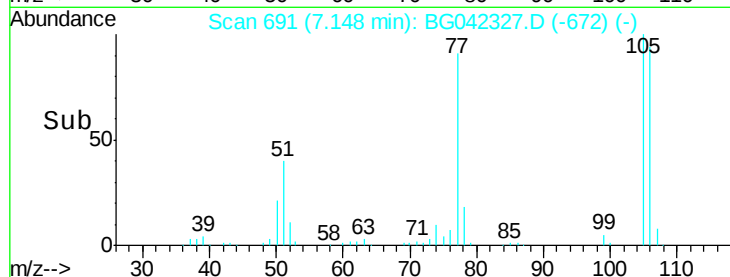
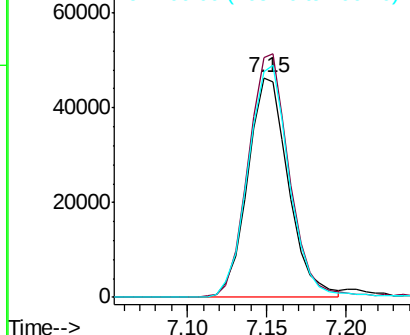
77 100

105 109.4 89.8 129.8

106 103.1 85.1 125.1



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: 43.005 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

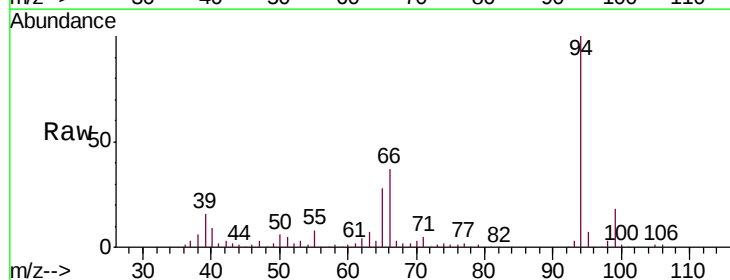
Tgt Ion: 94 Resp: 162858

Ion Ratio Lower Upper

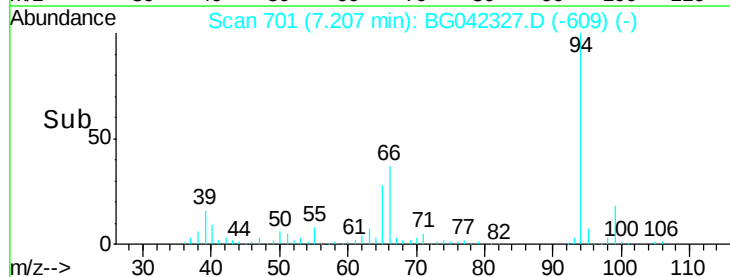
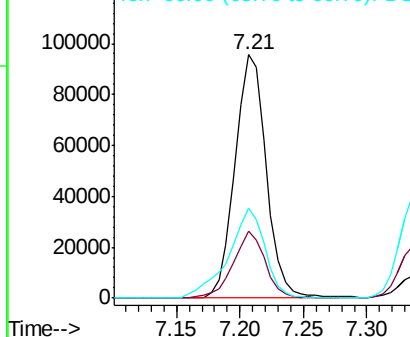
94 100

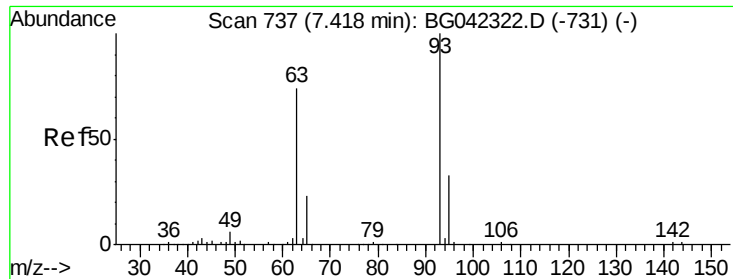
65 27.5 6.1 46.1

66 37.0 15.7 55.7



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

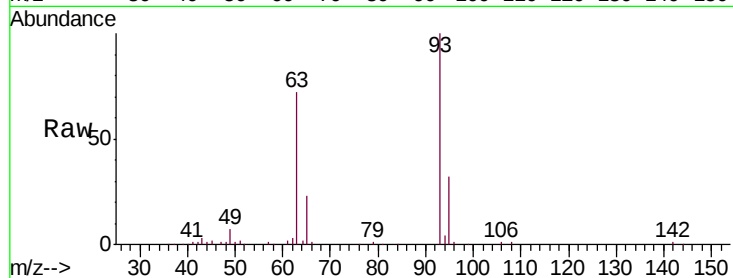




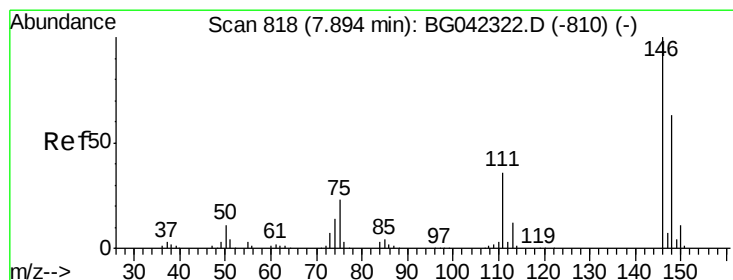
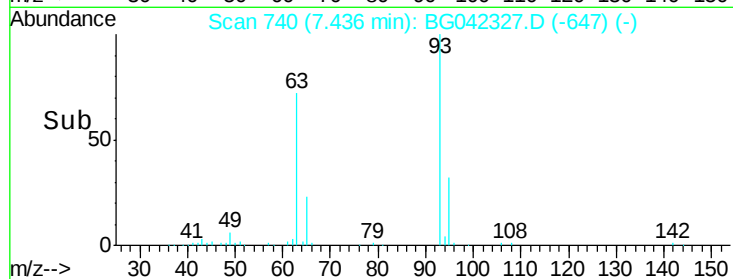
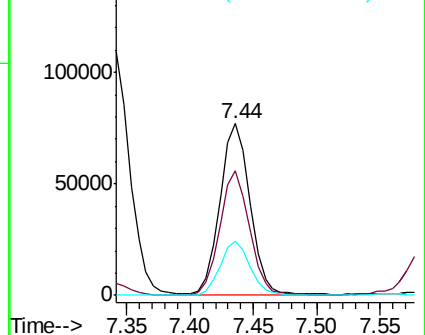
#11
 bis(2-Chloroethyl)ether
 Concen: 42.372 ng
 RT: 7.44 min Scan# 740
 Delta R.T. 0.02 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

Tgt Ion: 93 Resp: 126742
 Ion Ratio Lower Upper
 93 100
 63 72.2 53.0 93.0
 95 31.6 13.0 53.0

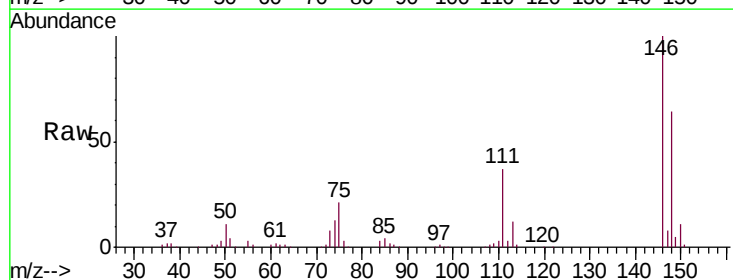


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

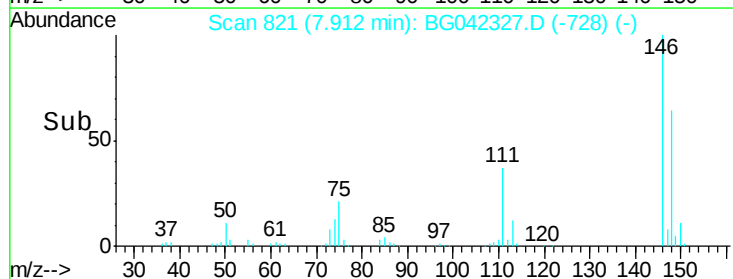
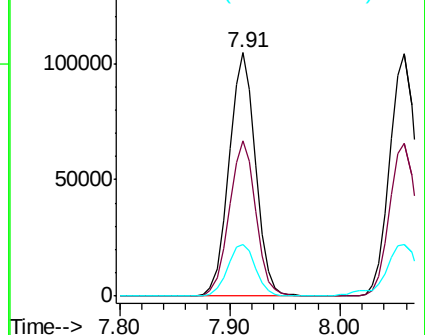


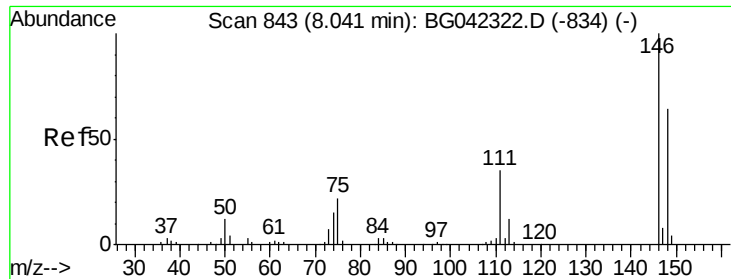
#12
 1,3-Dichlorobenzene
 Concen: 41.327 ng
 RT: 7.91 min Scan# 821
 Delta R.T. 0.02 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion: 146 Resp: 175371
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.2 75.2
 75 21.4 18.2 27.4



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

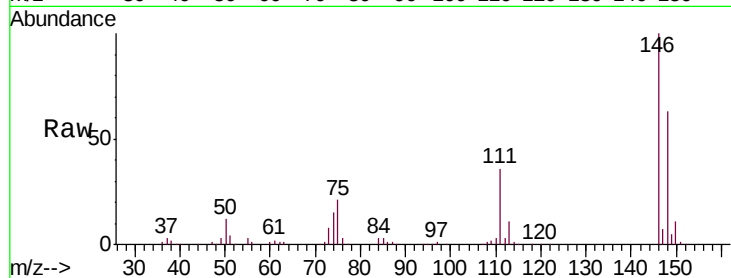




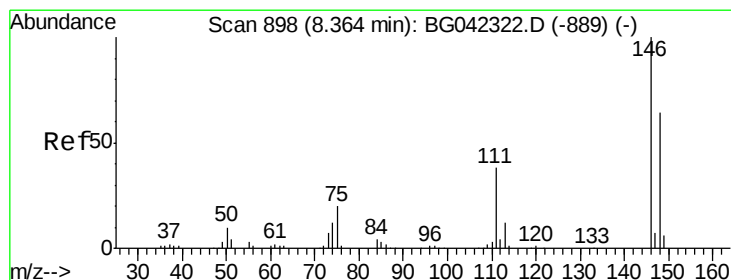
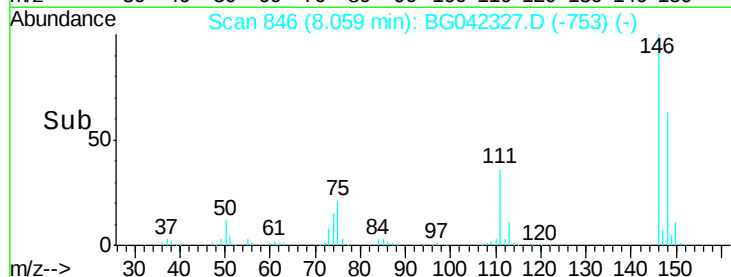
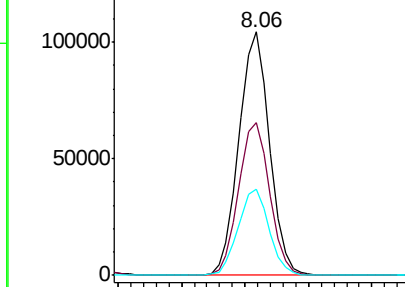
#13
 1,4-Dichlorobenzene
 Concen: 40.874 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.02 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

Tgt Ion:146 Resp: 174699
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.9 76.3
 111 35.5 28.3 42.5

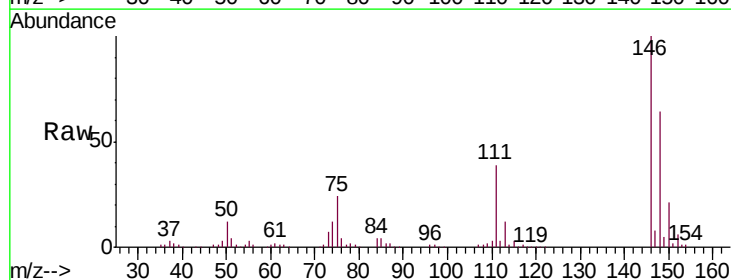


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

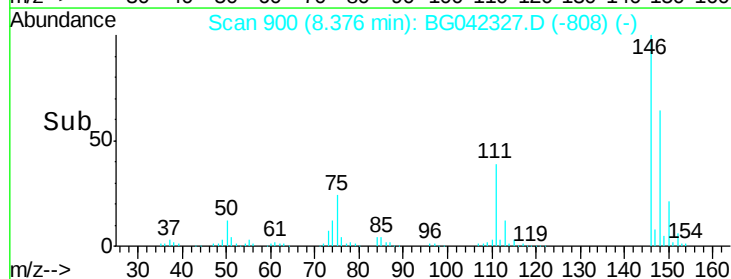
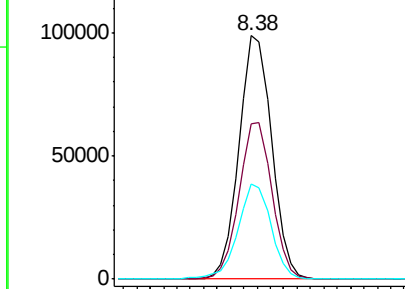


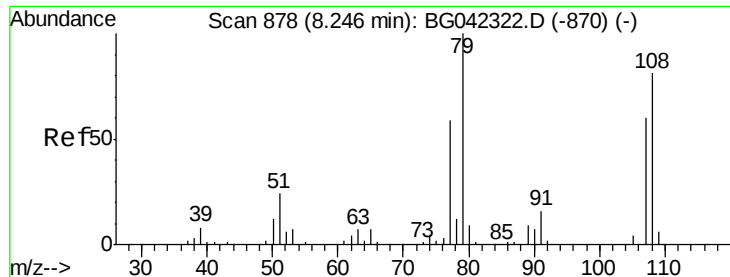
#14
 1,2-Dichlorobenzene
 Concen: 41.104 ng
 RT: 8.38 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion:146 Resp: 167656
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.4
 111 38.9 30.6 46.0



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





#15

Benzyl Alcohol

Concen: 43.162 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

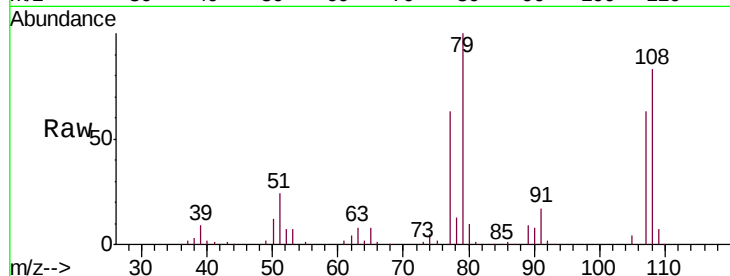
Tgt Ion: 79 Resp: 110571

Ion Ratio Lower Upper

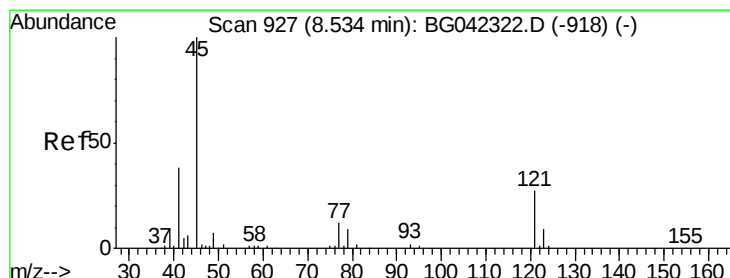
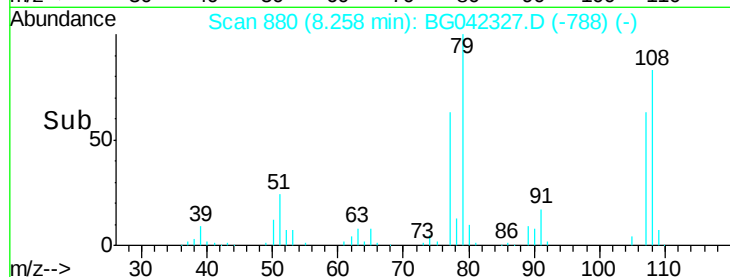
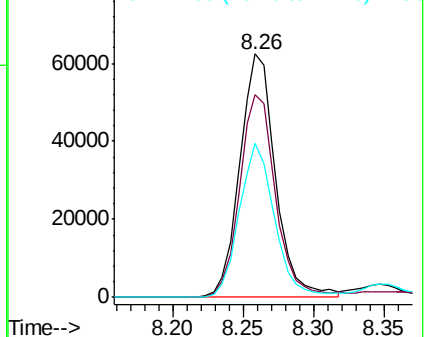
79 100

108 83.4 64.8 97.2

77 63.3 47.6 71.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.417 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.02 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

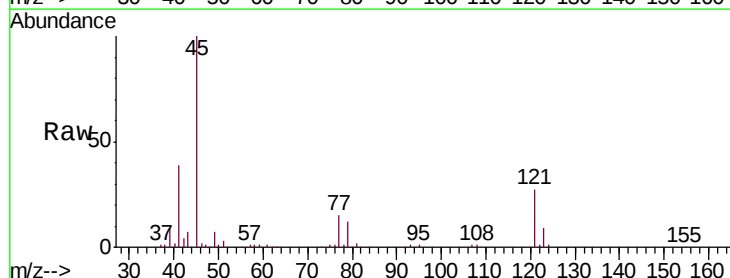
Tgt Ion: 45 Resp: 166711

Ion Ratio Lower Upper

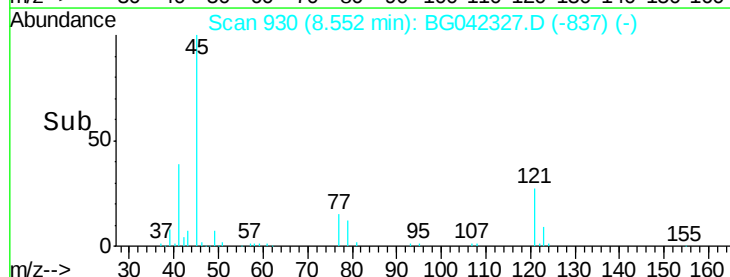
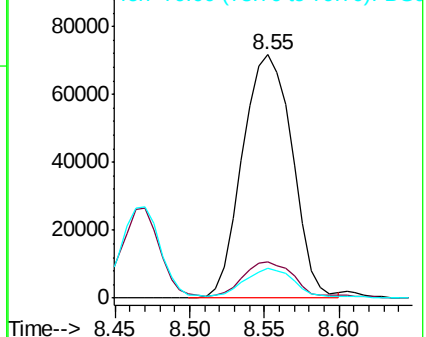
45 100

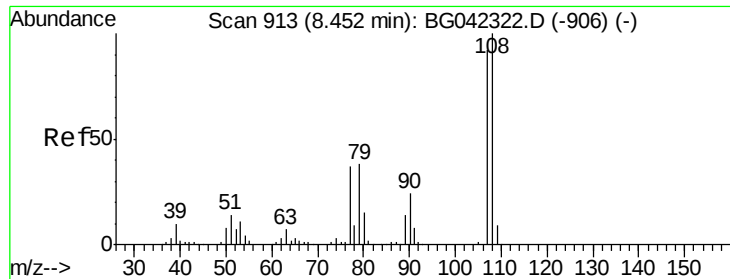
77 15.0 0.0 34.6

79 12.3 0.0 31.4



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

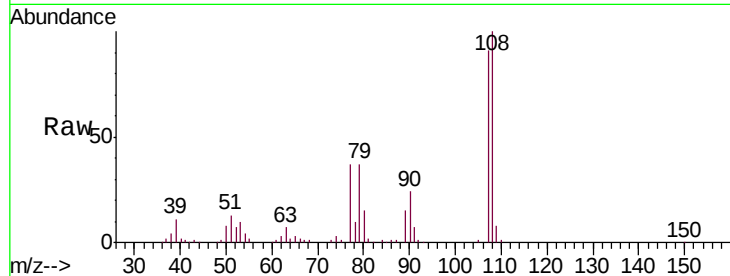




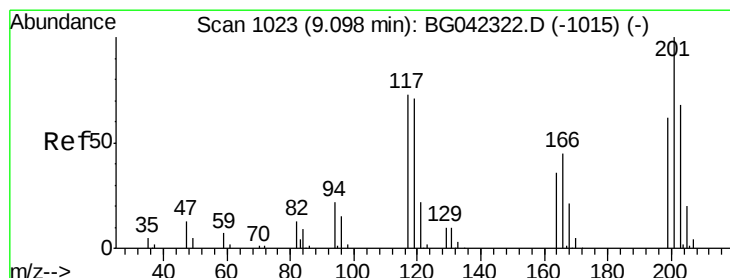
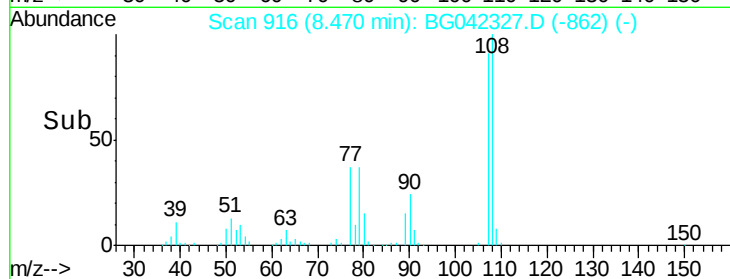
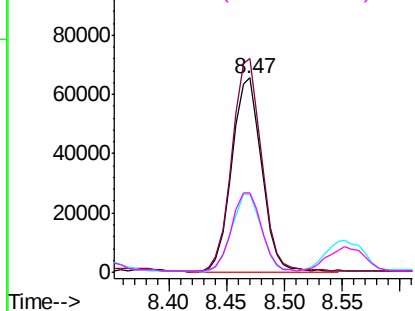
#17
2-Methylphenol
Concen: 41.862 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.02 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Instrument :
BNA_G
ClientSampleId :
ICVBG081919

Tgt Ion:107 Resp: 117219
Ion Ratio Lower Upper
107 100
108 109.9 87.0 130.6
77 40.4 32.3 48.5
79 41.1 33.5 50.3

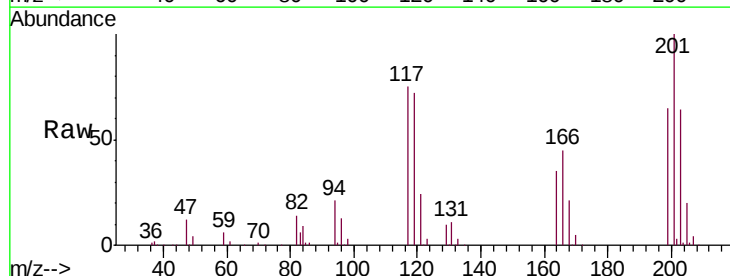


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

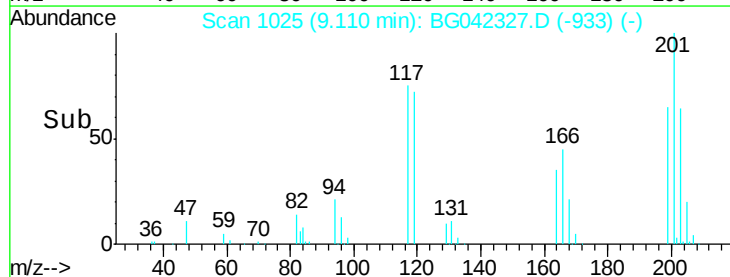
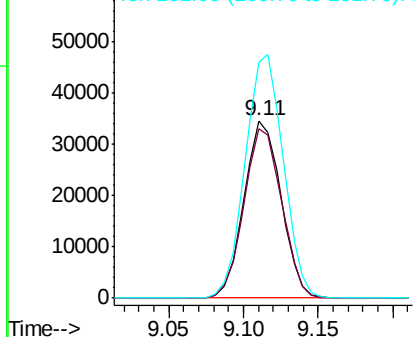


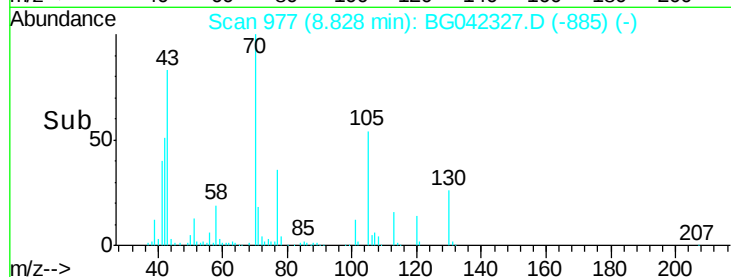
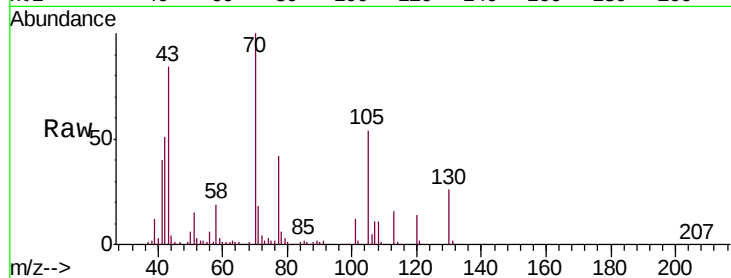
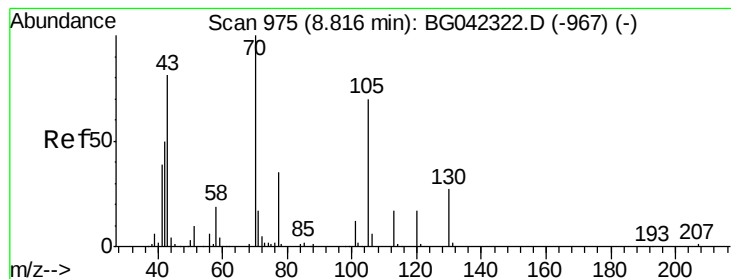
#18
Hexachloroethane
Concen: 40.406 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Tgt Ion:117 Resp: 59353
Ion Ratio Lower Upper
117 100
119 95.6 77.6 116.4
201 132.8 109.4 164.2



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: 42.776 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

Tgt Ion: 70 Resp: 102485

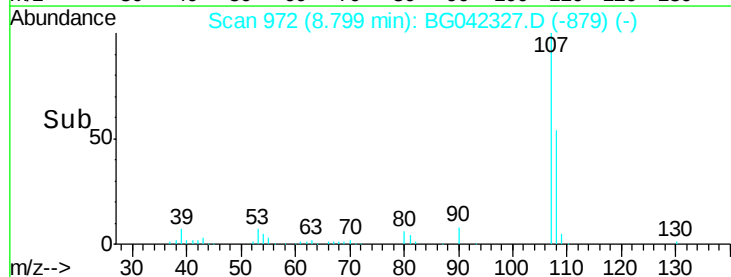
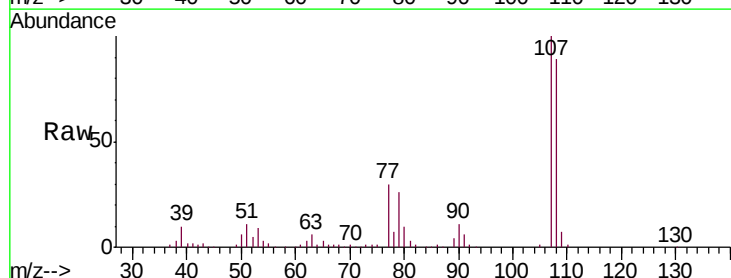
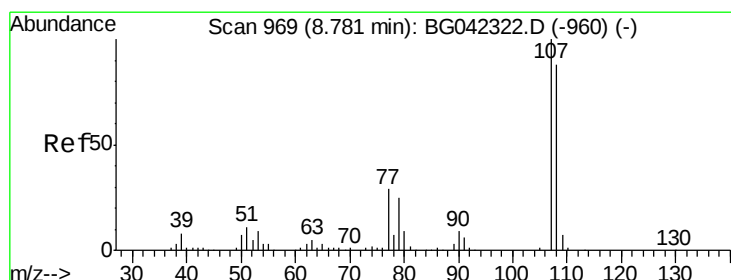
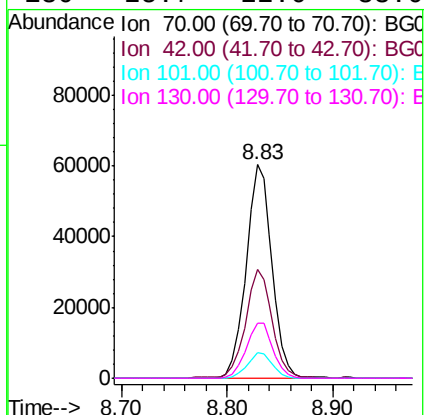
Ion Ratio Lower Upper

70 100

42 51.0 40.5 60.7

101 11.8 9.3 13.9

130 25.7 22.0 33.0



#20

3+4-Methylphenols

Concen: 42.343 ng

RT: 8.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Tgt Ion: 107 Resp: 164031

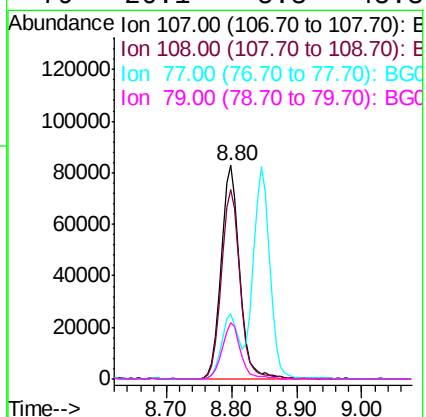
Ion Ratio Lower Upper

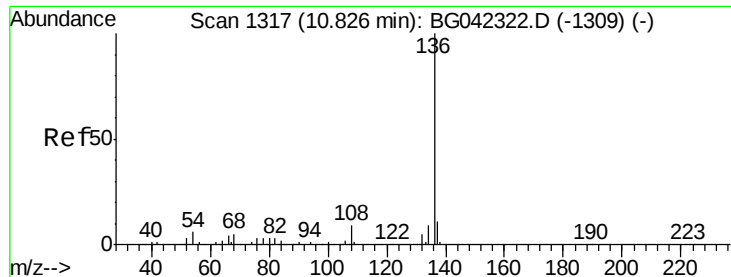
107 100

108 88.6 67.8 107.8

77 30.4 9.1 49.1

79 26.1 5.3 45.3

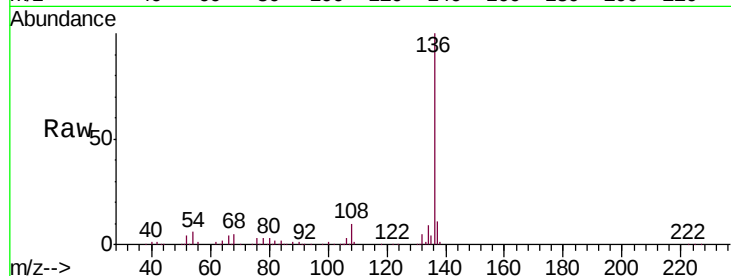




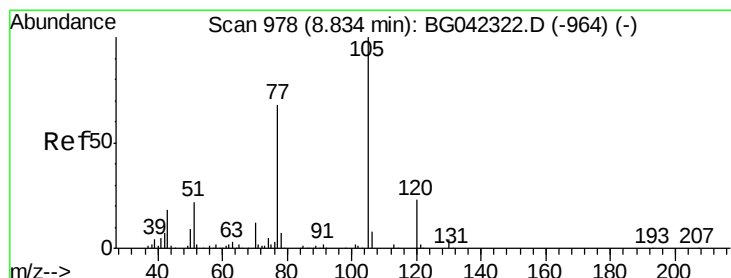
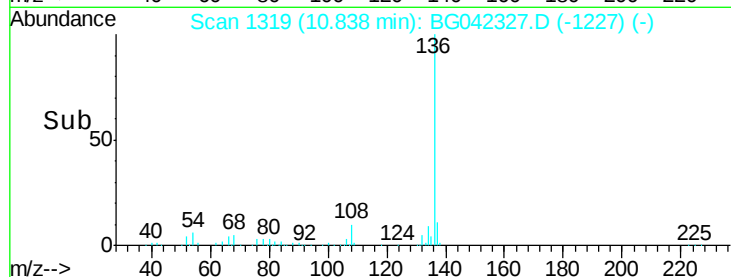
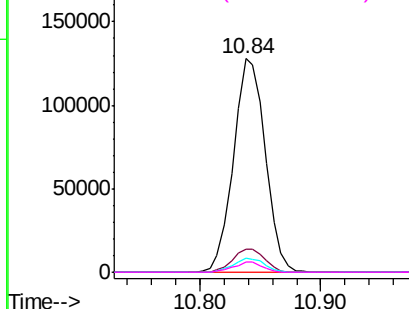
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Instrument :
BNA_G
ClientSampleId :
ICVBG081919

Tgt Ion:	136	Resp:	235122
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.5	5.0	7.4
68	4.6	3.8	5.8

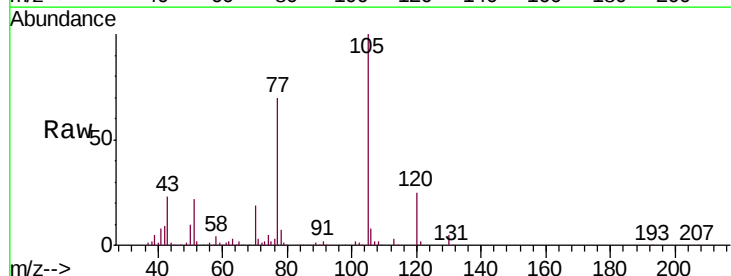


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

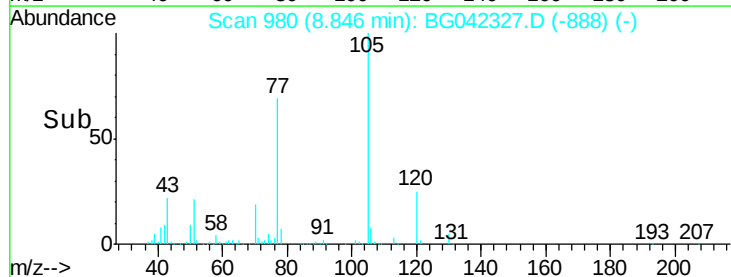
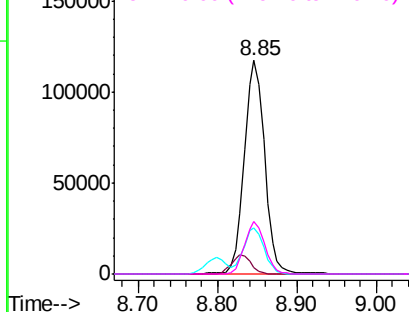


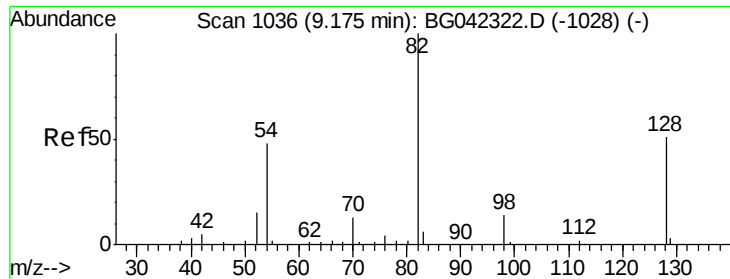
#22
Acetophenone
Concen: 42.043 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Tgt Ion:	105	Resp:	210042
Ion	Ratio	Lower	Upper
105	100		
71	3.1	1.8	2.8#
51	21.8	17.5	26.3
120	24.8	18.4	27.6



Abundance Ion 105.00 (104.70 to 105.70): E
150000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

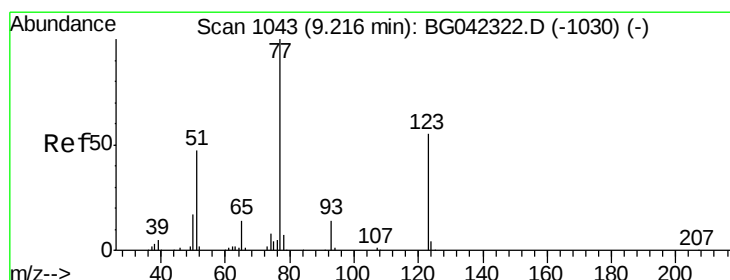
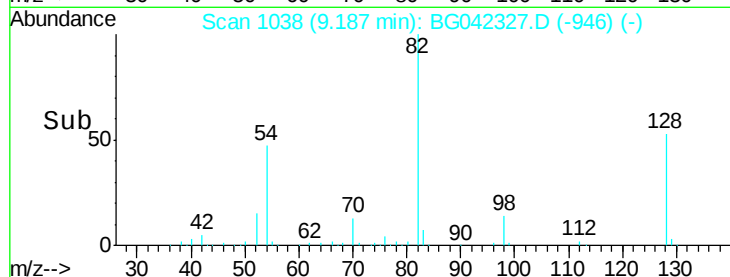
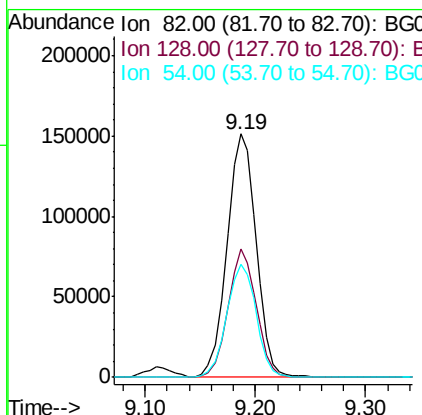
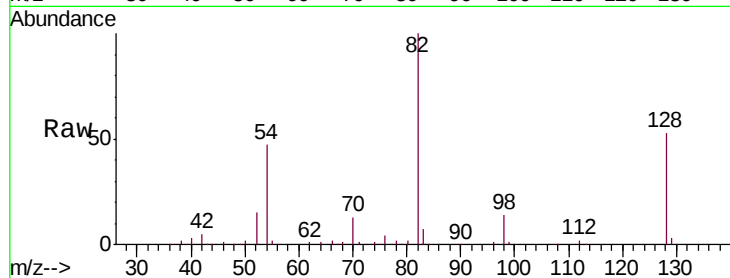




#23
 Nitrobenzene-d5
 Concen: 83.327 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

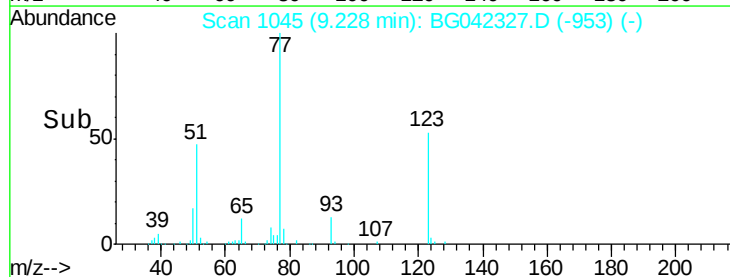
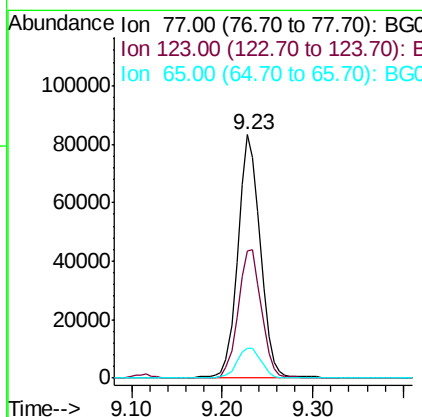
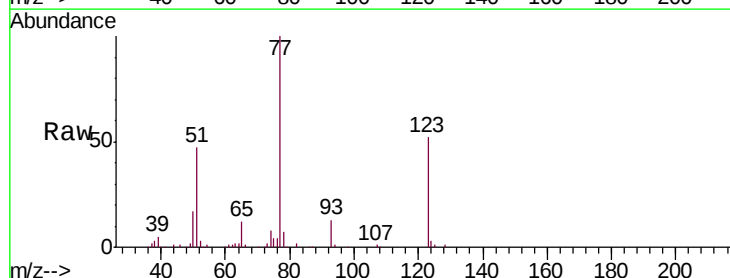
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

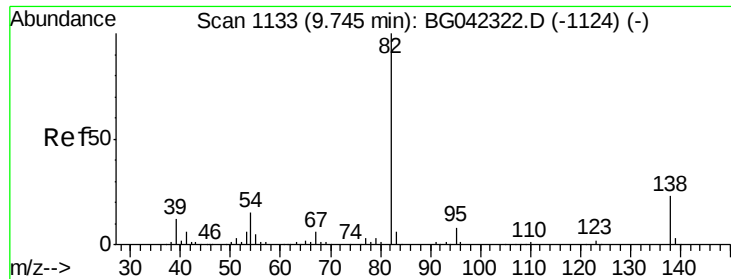
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.6	41.0	61.4
54	46.6	38.0	57.0



#24
 Nitrobenzene
 Concen: 42.246 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.4	43.7	65.5
65	12.2	10.9	16.3





#25

Isophorone

Concen: 42.096 ng

RT: 9.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

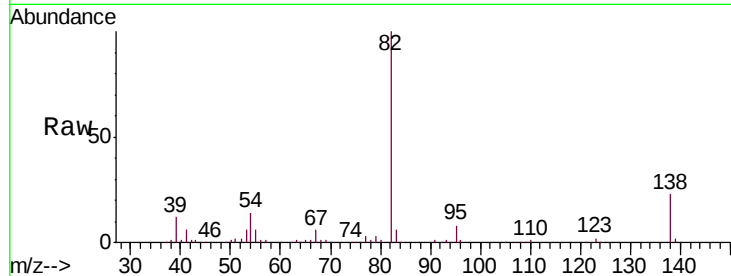
Tgt Ion: 82 Resp: 281400

Ion Ratio Lower Upper

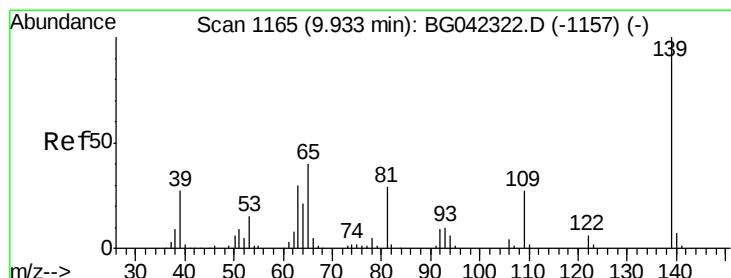
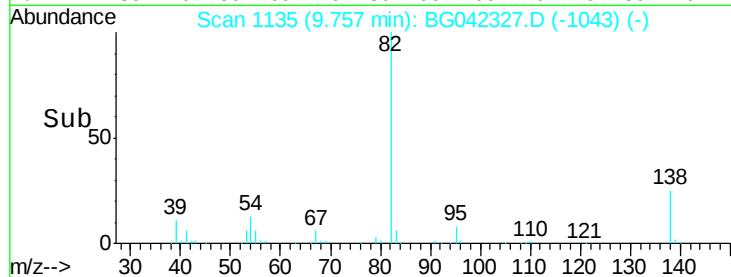
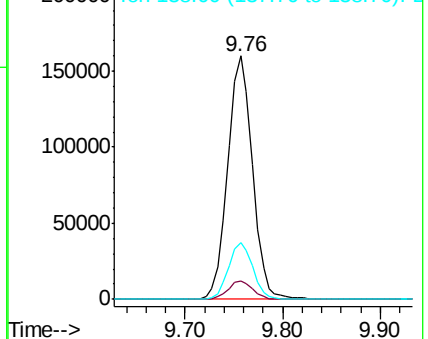
82 100

95 7.5 6.1 9.1

138 23.2 18.2 27.2



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: 43.251 ng

RT: 9.94 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

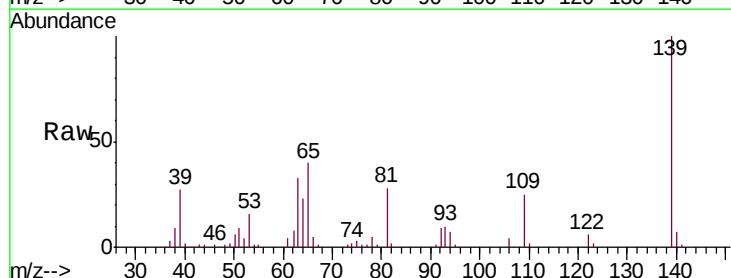
Tgt Ion: 139 Resp: 91586

Ion Ratio Lower Upper

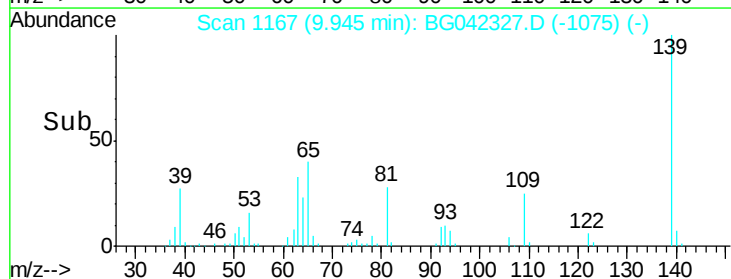
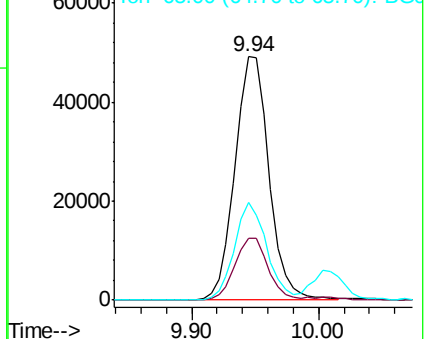
139 100

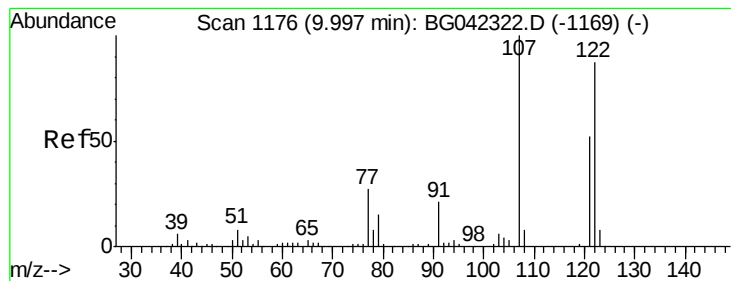
109 25.4 21.4 32.2

65 39.9 31.8 47.6



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: 41.711 ng

RT: 10.01 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

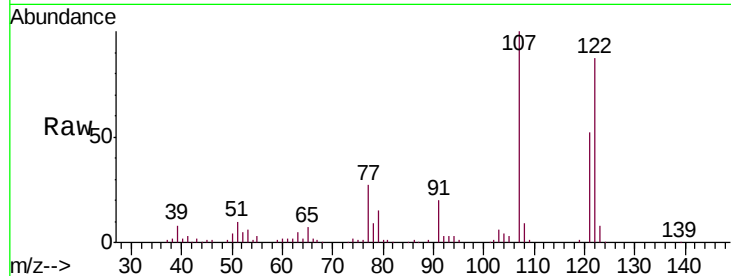
Tgt Ion:122 Resp: 122533

Ion Ratio Lower Upper

122 100

107 115.4 91.0 136.4

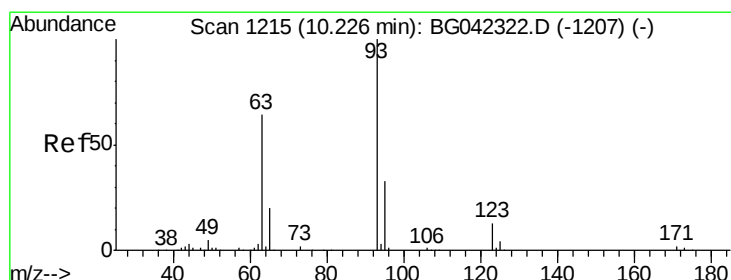
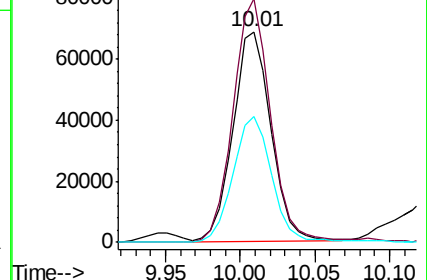
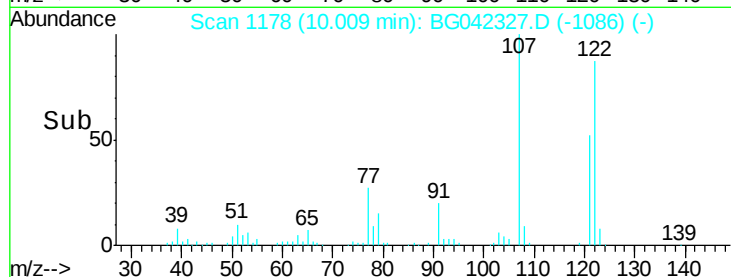
121 59.5 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.576 ng

RT: 10.24 min Scan# 1217

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

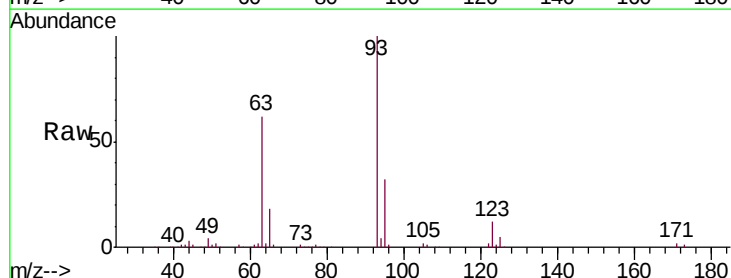
Tgt Ion: 93 Resp: 183327

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

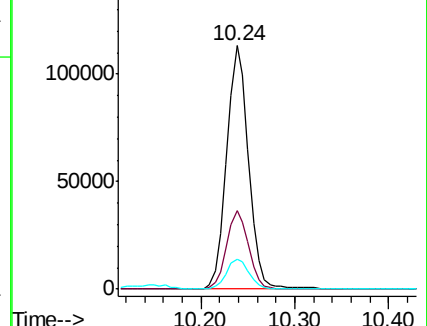
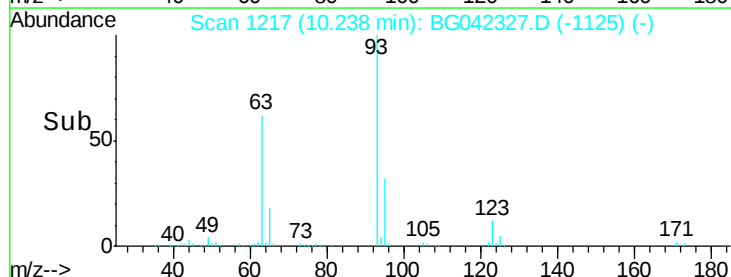
123 12.3 10.3 15.5

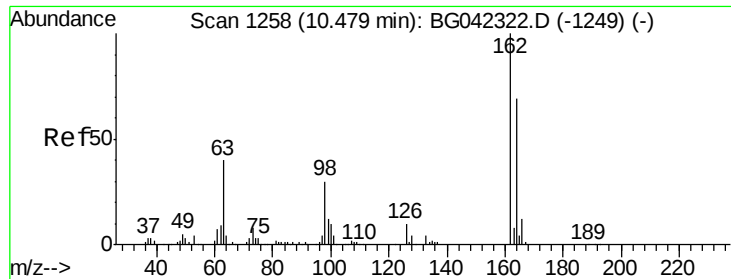


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

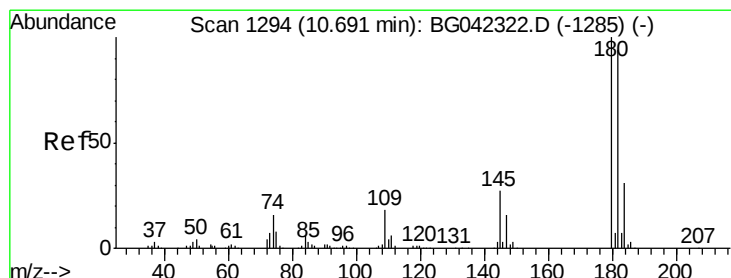
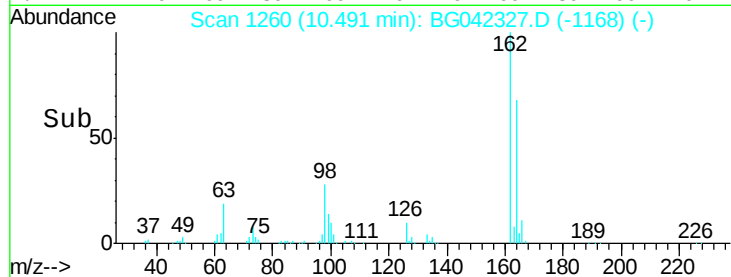
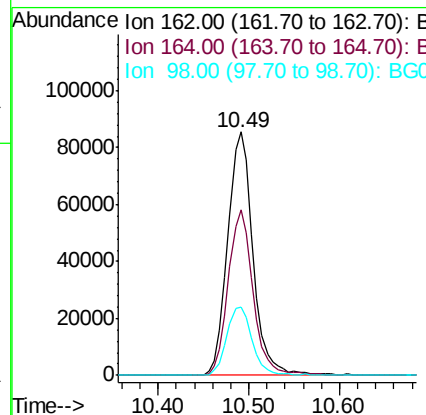
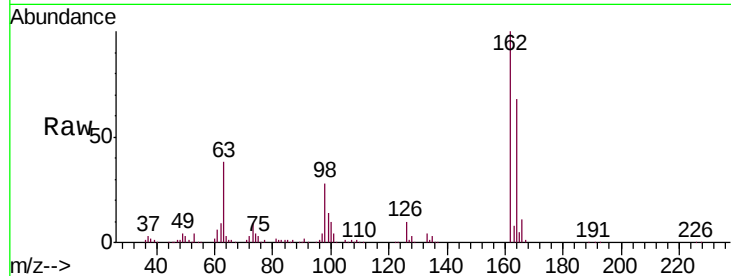




#29
2,4-Dichlorophenol
Concen: 42.467 ng
RT: 10.49 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

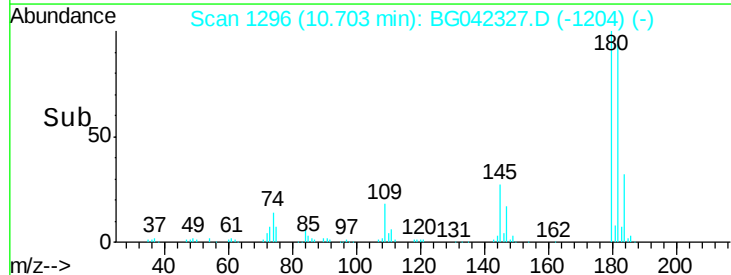
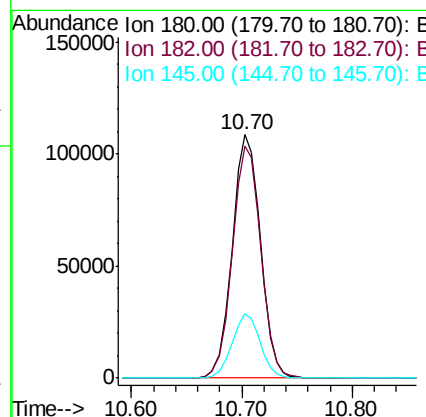
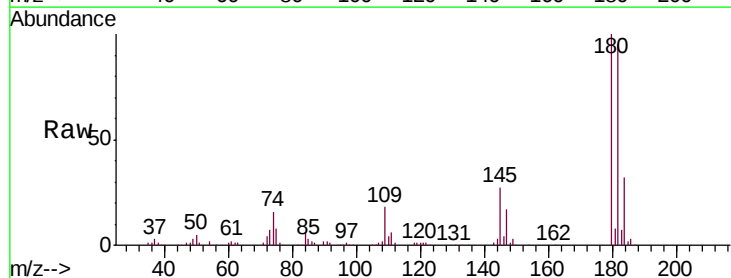
Instrument :
BNA_G
ClientSampleId :
ICVBG081919

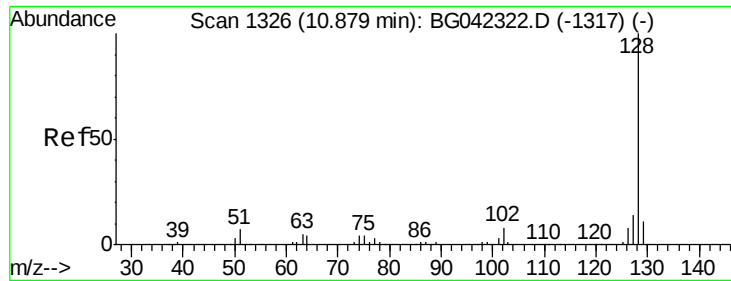
Tgt Ion:162 Resp: 165877
Ion Ratio Lower Upper
162 100
164 67.7 48.6 88.6
98 27.8 9.6 49.6



#30
1,2,4-Trichlorobenzene
Concen: 40.756 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Tgt Ion:180 Resp: 194591
Ion Ratio Lower Upper
180 100
182 95.1 75.1 112.7
145 26.6 21.2 31.8

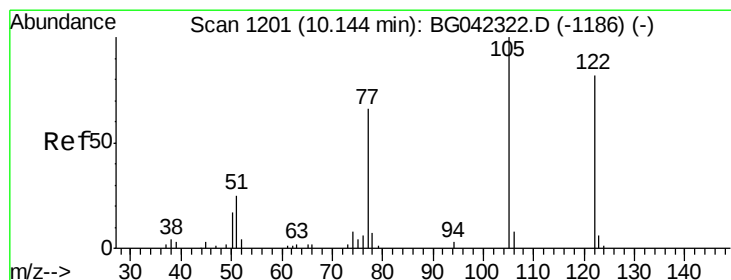
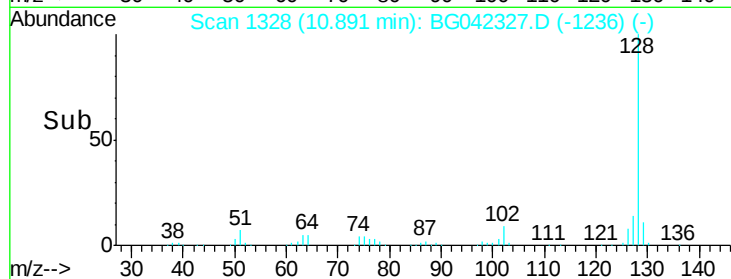
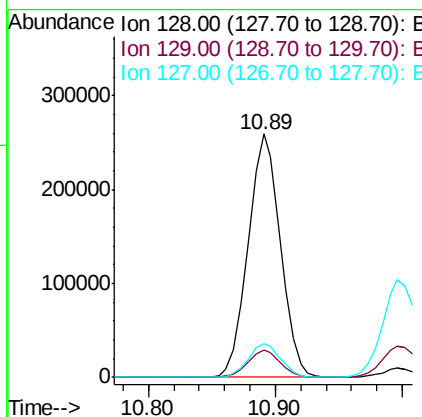
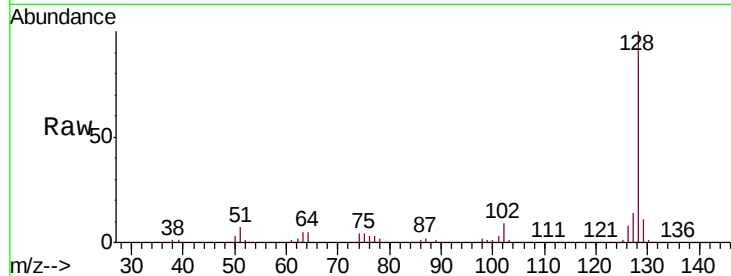




#31
Naphthalene
Concen: 42.126 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

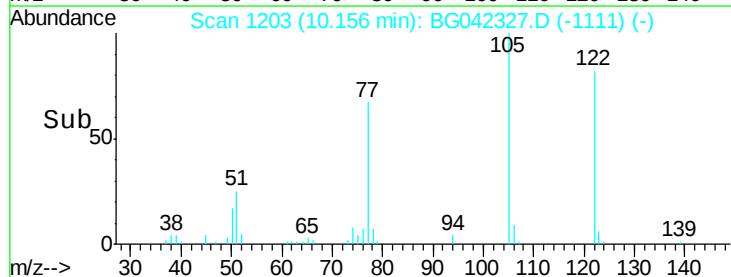
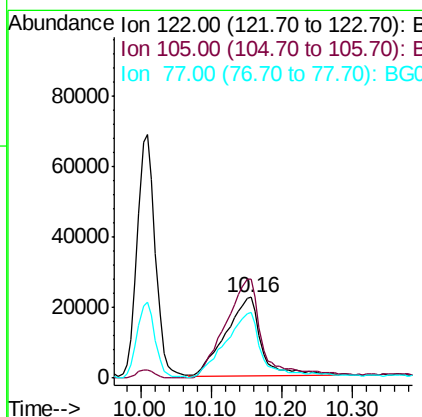
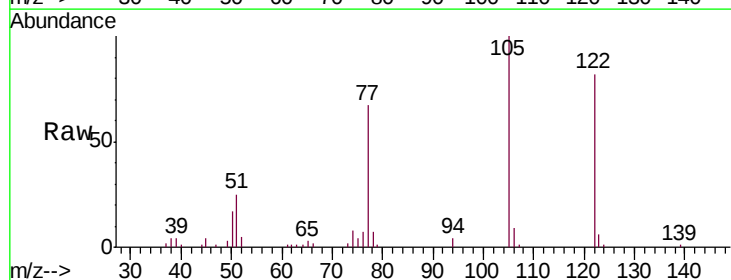
Instrument :
BNA_G
ClientSampleId :
ICVBG081919

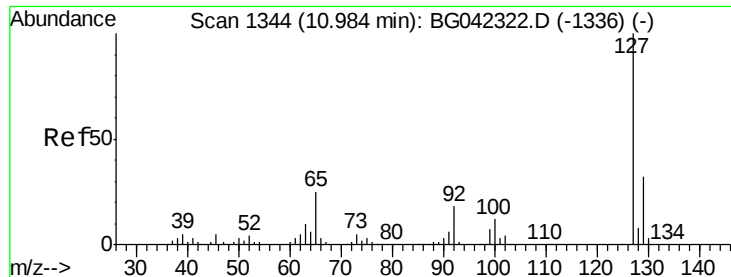
Tgt Ion:128 Resp: 458999
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 39.007 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Tgt Ion:122 Resp: 79581
Ion Ratio Lower Upper
122 100
105 122.7 97.7 137.7
77 81.6 58.4 98.4

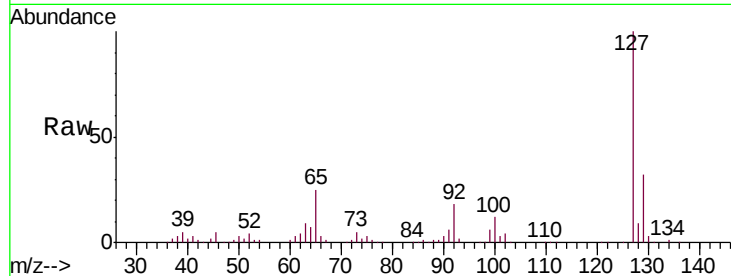




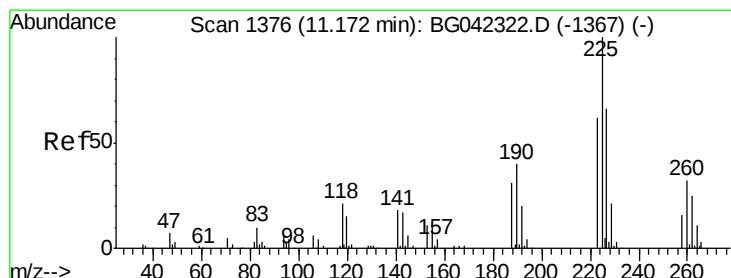
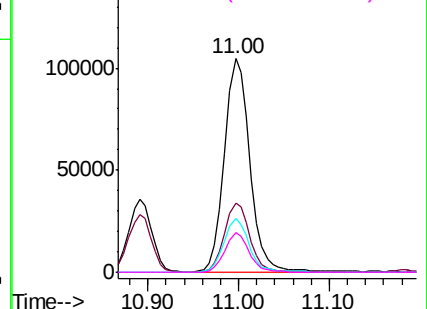
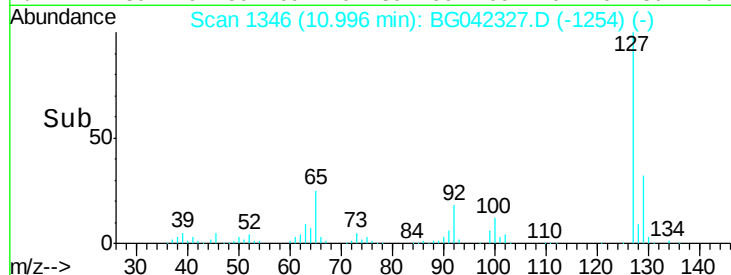
#33
4-Chloroaniline
Concen: 41.322 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Instrument :
BNA_G
ClientSampleId :
ICVBG081919

Tgt Ion:	127	Resp:	205315
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	25.4	19.8	29.8
92	18.4	14.4	21.6

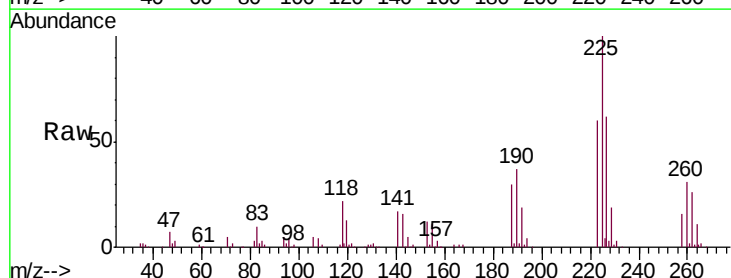


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

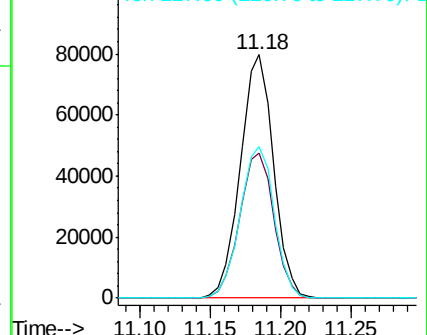
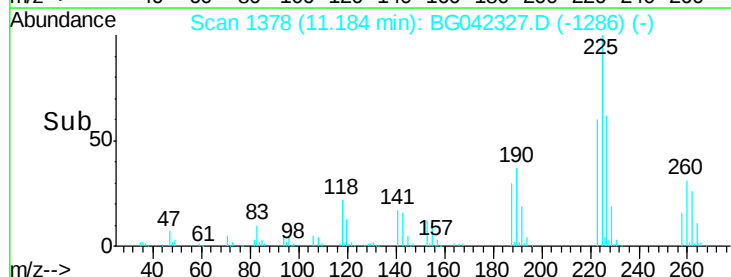


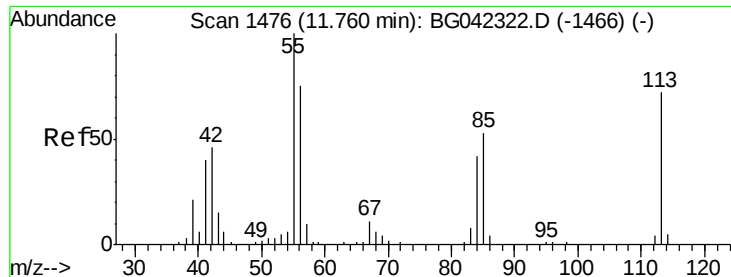
#34
Hexachlorobutadiene
Concen: 41.043 ng
RT: 11.18 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Tgt Ion:	225	Resp:	131323
Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.8	74.8
227	62.2	52.9	79.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.843 ng

RT: 11.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

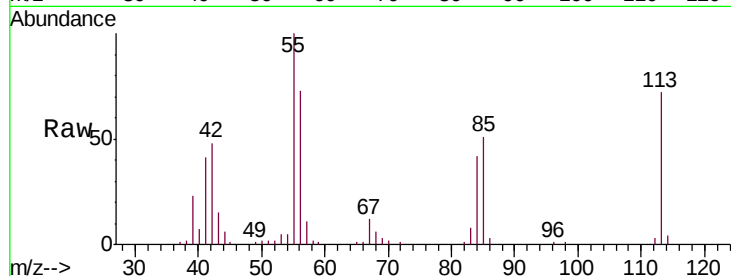
Tgt Ion:113 Resp: 52091

Ion Ratio Lower Upper

113 100

55 138.6 119.4 159.4

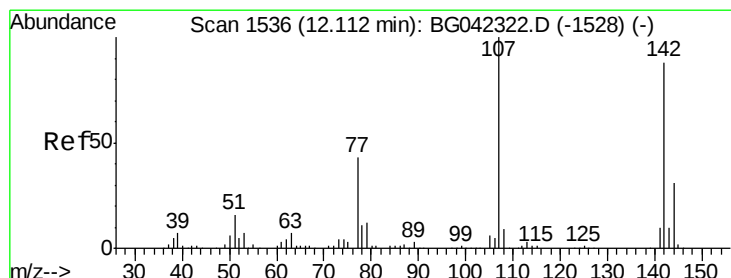
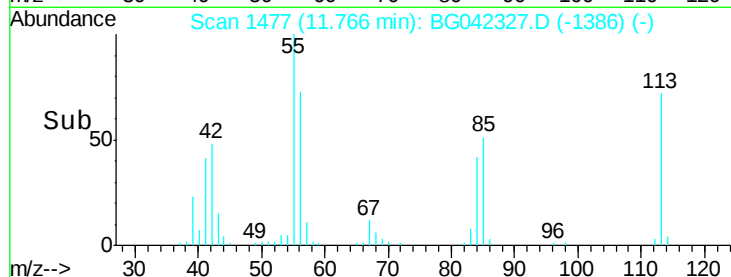
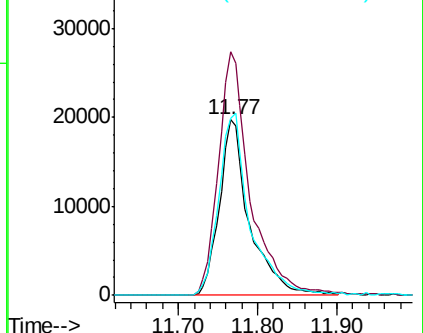
56 100.6 83.9 123.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.748 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

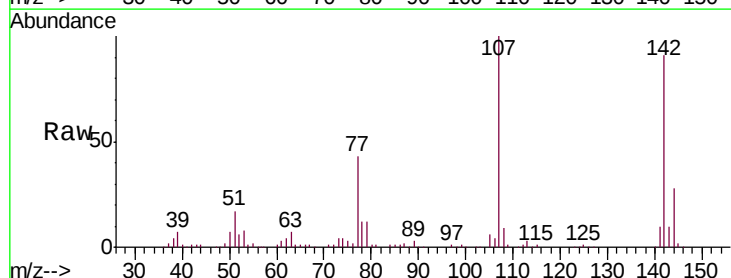
Tgt Ion:107 Resp: 156071

Ion Ratio Lower Upper

107 100

144 28.1 24.9 37.3

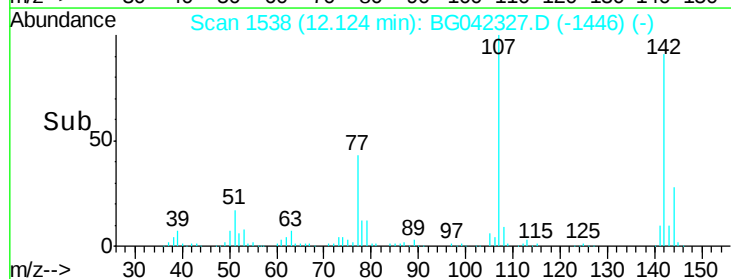
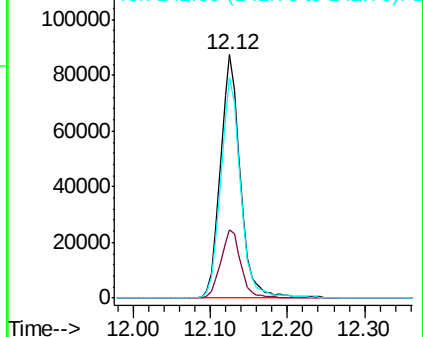
142 90.5 70.3 105.5

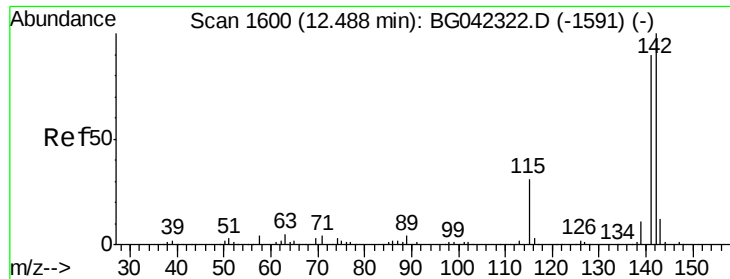


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

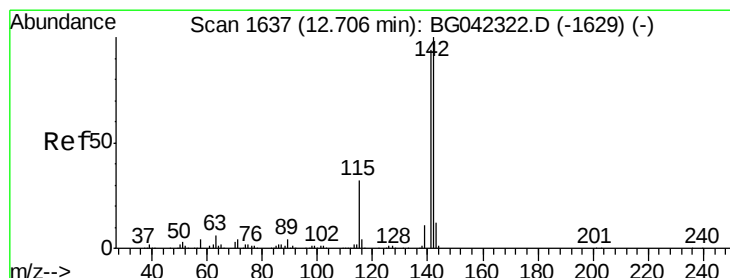
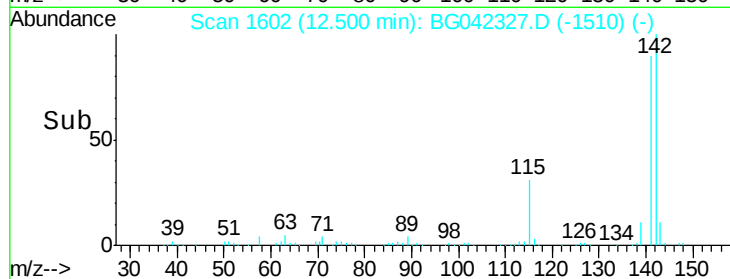
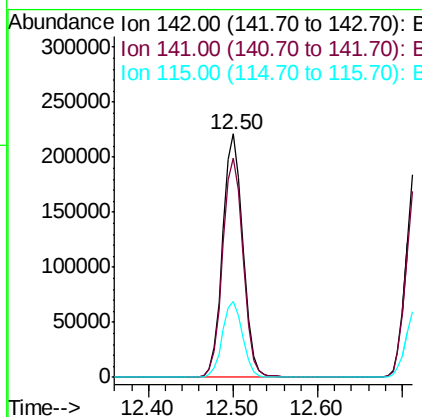
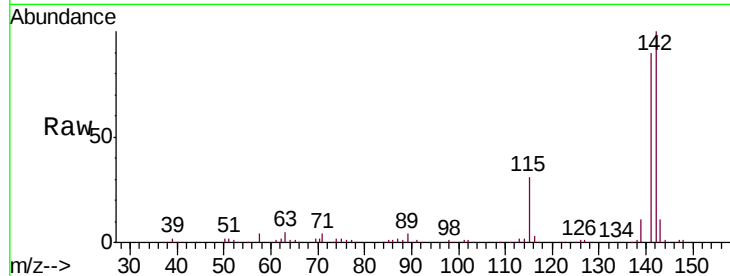




#37
2-Methylnaphthalene
Concen: 42.146 ng
RT: 12.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

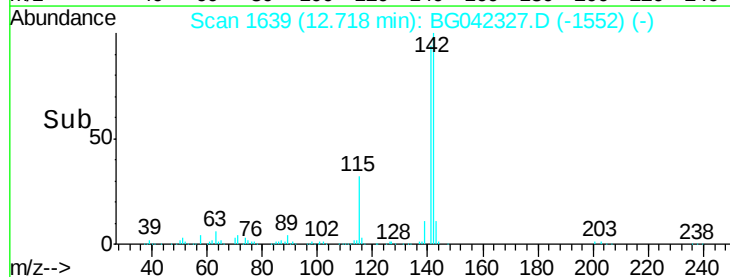
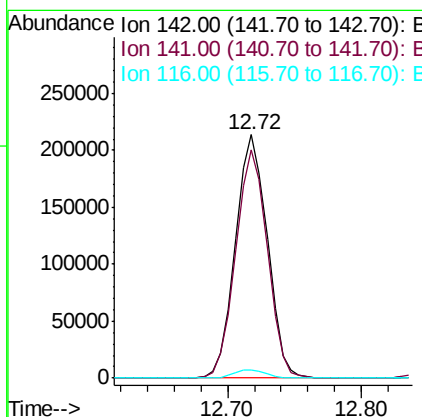
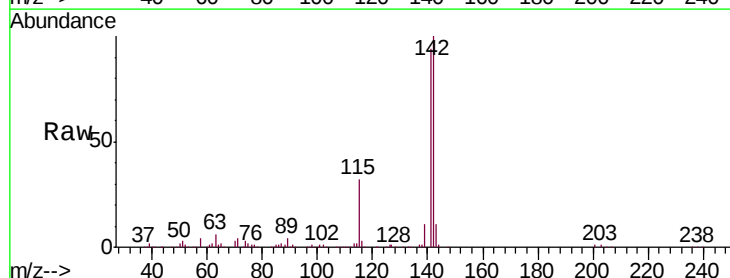
Instrument :
BNA_G
ClientSampleId :
ICVBG081919

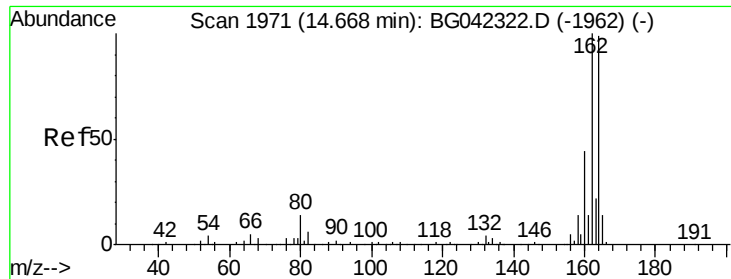
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.1	108.1
115	31.3	24.4	36.6



#38
1-Methylnaphthalene
Concen: 42.548 ng
RT: 12.72 min Scan# 1639
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.1	112.7
116	3.4	3.0	4.6

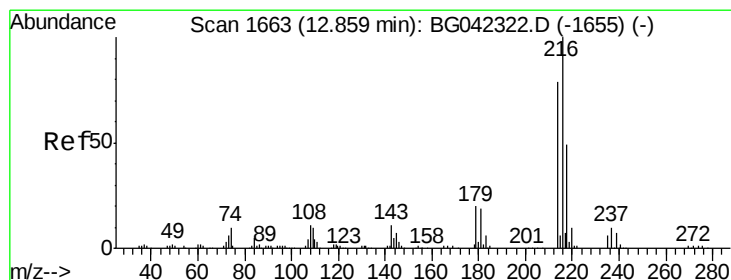
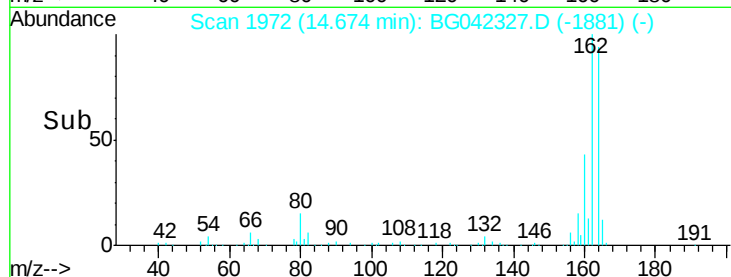
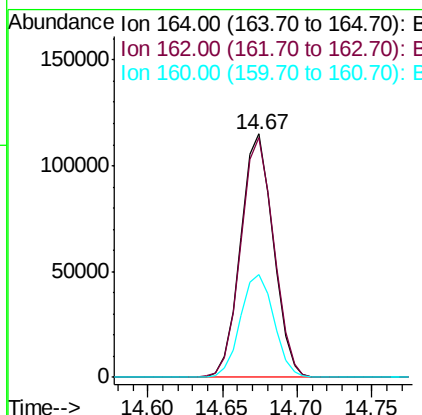
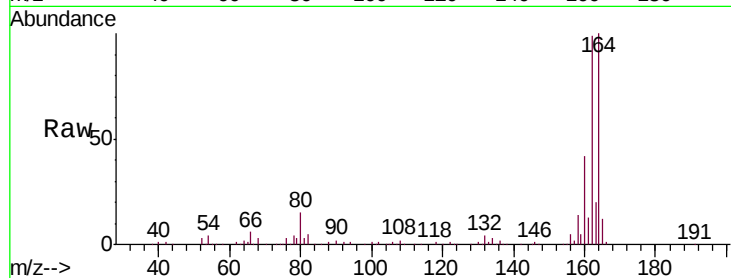




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

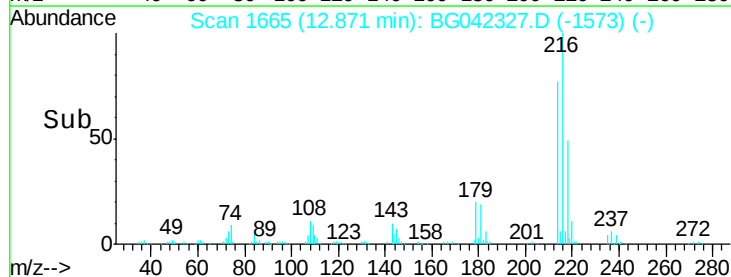
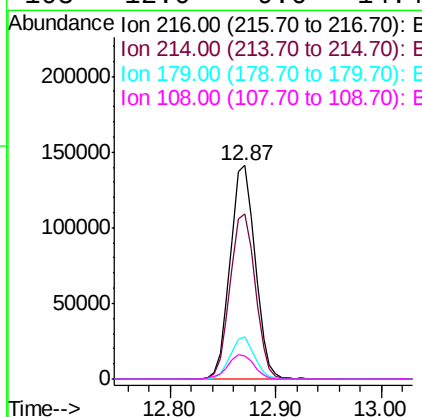
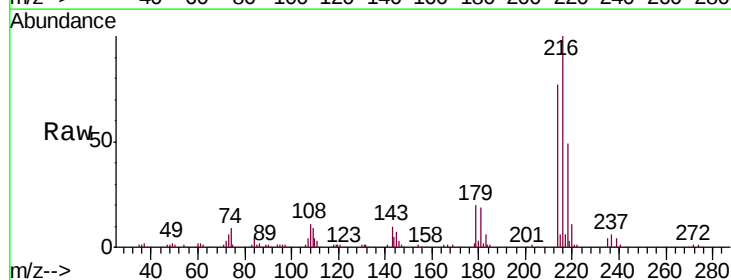
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

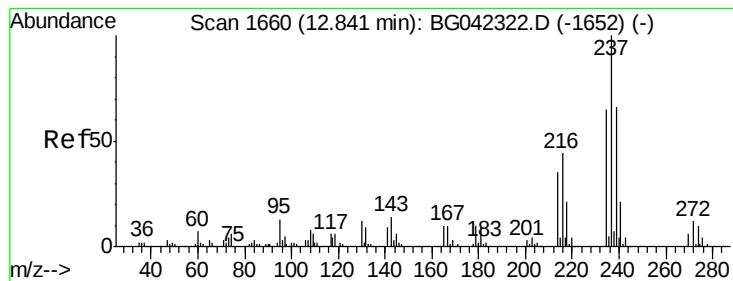
Tgt Ion:164 Resp: 174418
 Ion Ratio Lower Upper
 164 100
 162 98.7 80.6 120.8
 160 42.4 35.7 53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.976 ng
 RT: 12.87 min Scan# 1665
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion:216 Resp: 230365
 Ion Ratio Lower Upper
 216 100
 214 78.0 62.2 93.4
 179 19.0 15.3 22.9
 108 12.0 9.6 14.4





#41

Hexachlorocyclopentadiene

Concen: 37.963 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

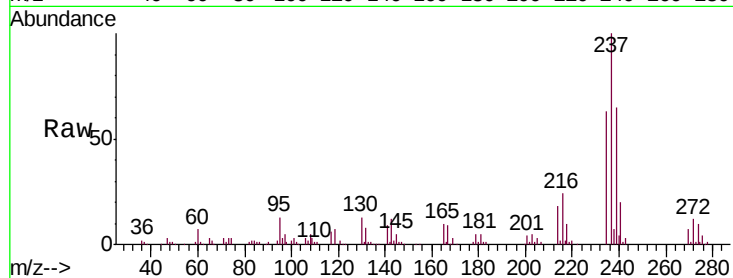
Tgt Ion:237 Resp: 111394

Ion Ratio Lower Upper

237 100

235 63.0 45.1 85.1

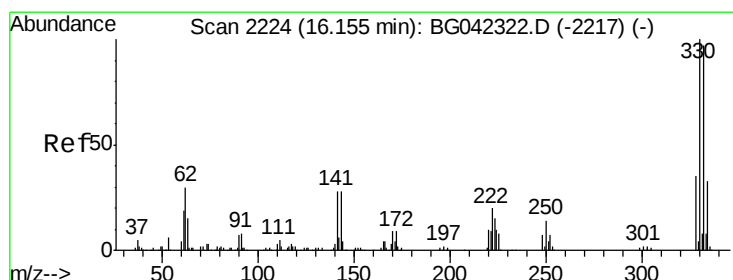
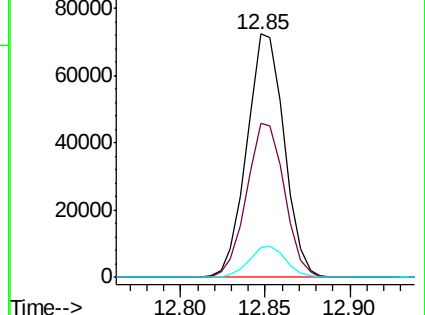
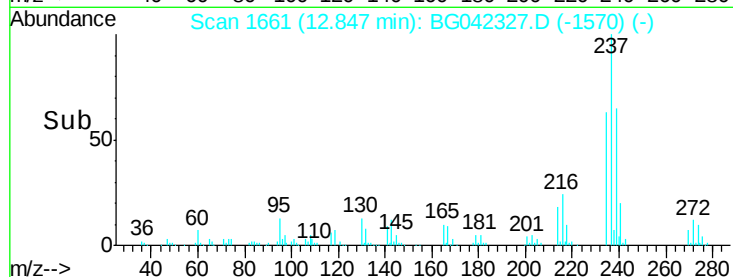
272 12.2 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.382 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

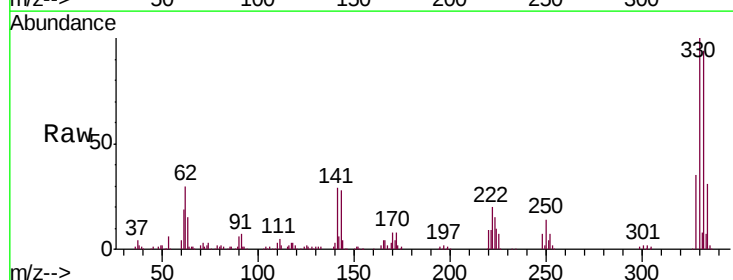
Tgt Ion:330 Resp: 198077

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

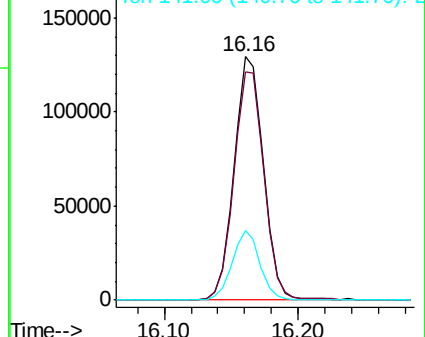
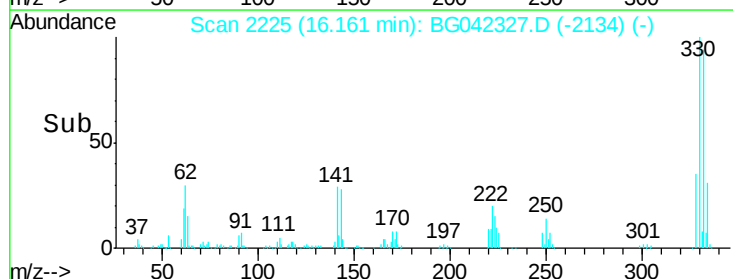
141 27.2 21.8 32.6

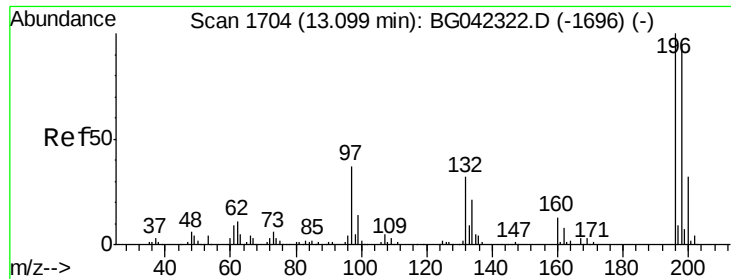


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

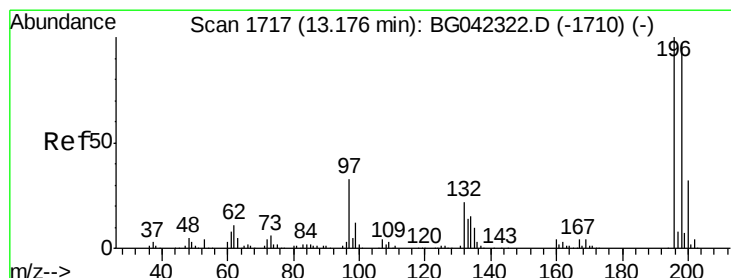
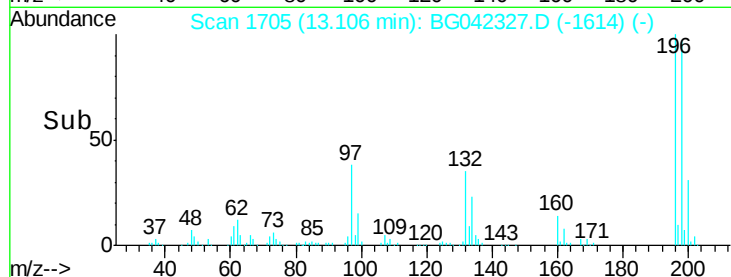
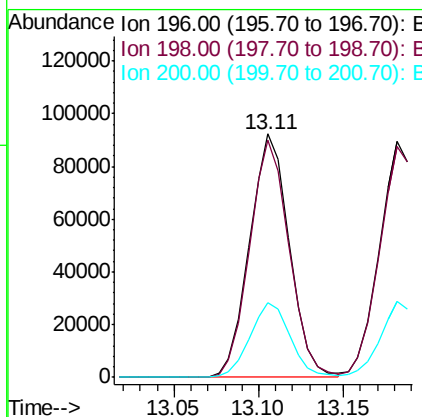
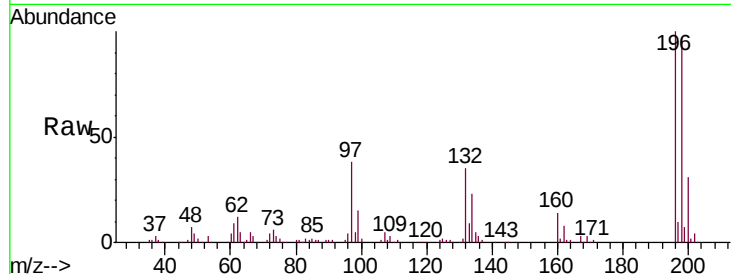




#43
 2,4,6-Trichlorophenol
 Concen: 40.092 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

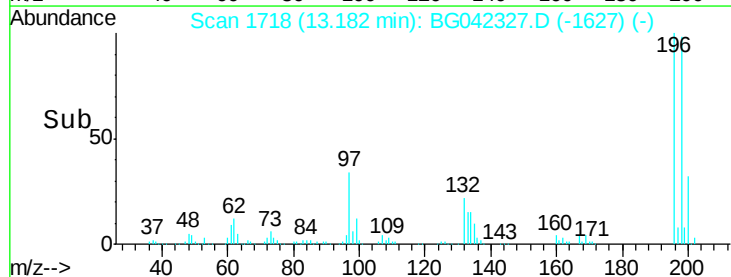
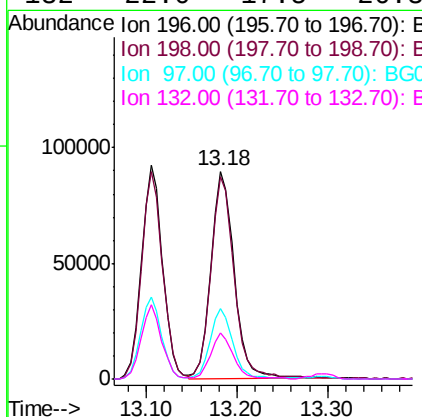
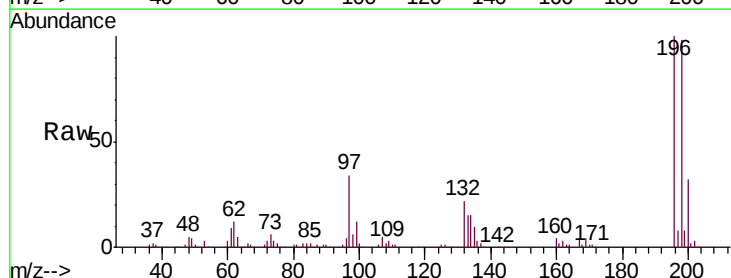
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

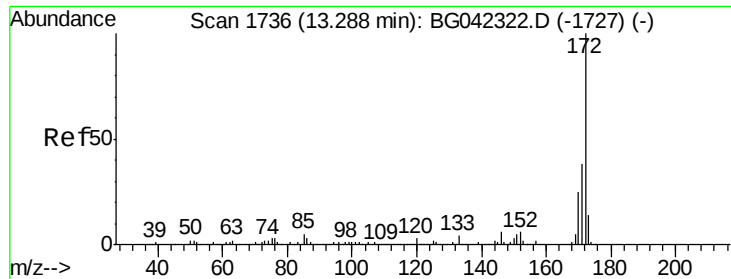
Tgt Ion:196 Resp: 150858
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.9 113.9
 200 30.9 25.5 38.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.143 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion:196 Resp: 159452
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.4 116.2
 97 34.0 26.5 39.7
 132 22.0 17.5 26.3

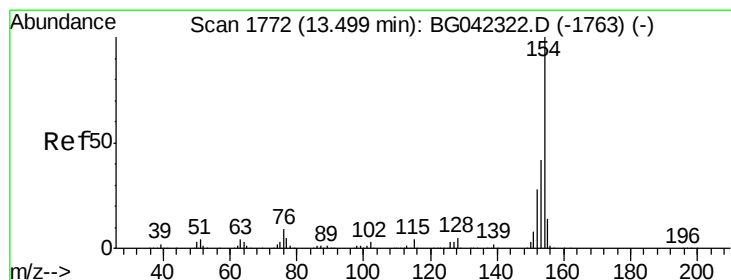
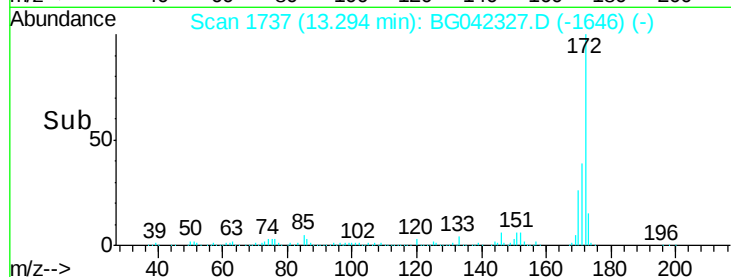
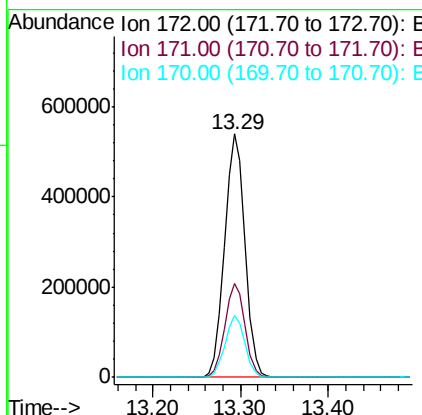
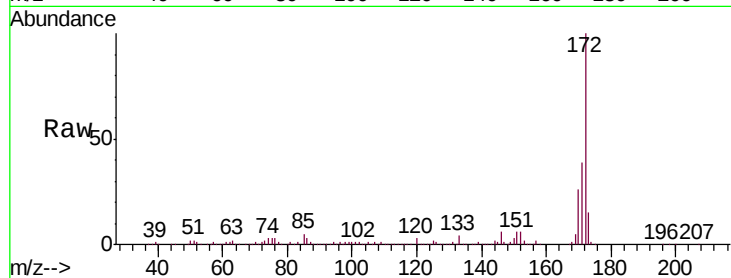




#45
 2-Fluorobiphenyl
 Concen: 83.807 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

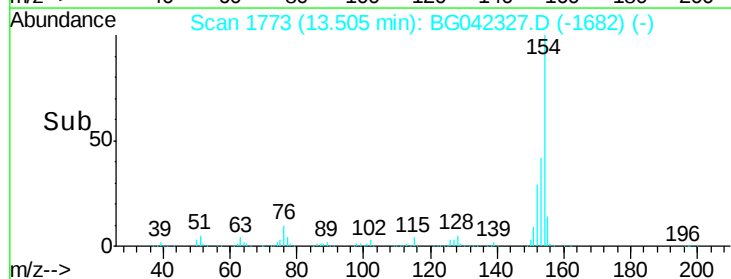
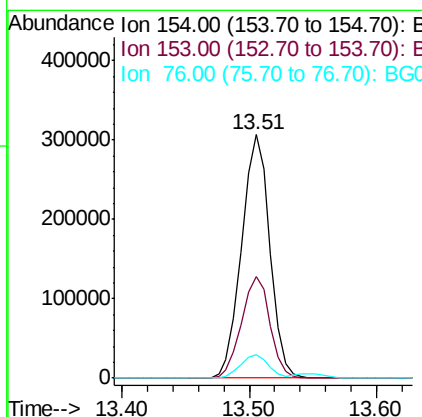
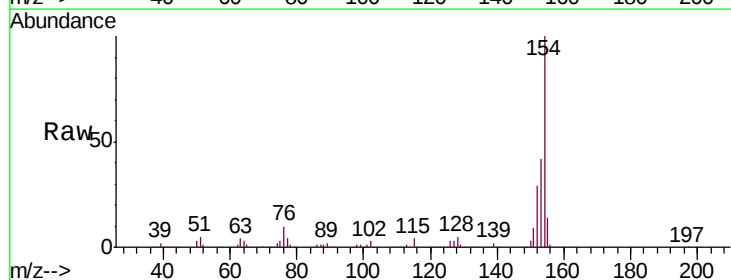
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

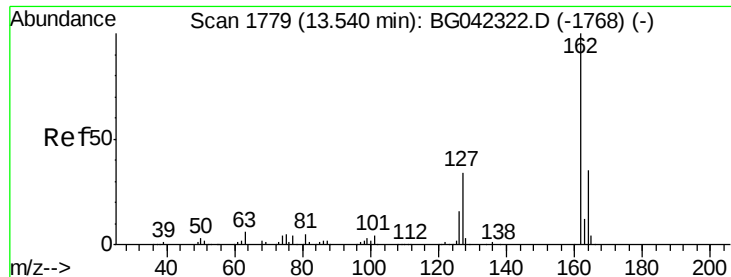
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.3	45.5
170	25.5	20.0	30.0



#46
 1,1'-Biphenyl
 Concen: 41.532 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.9	61.9
76	9.5	0.0	29.3

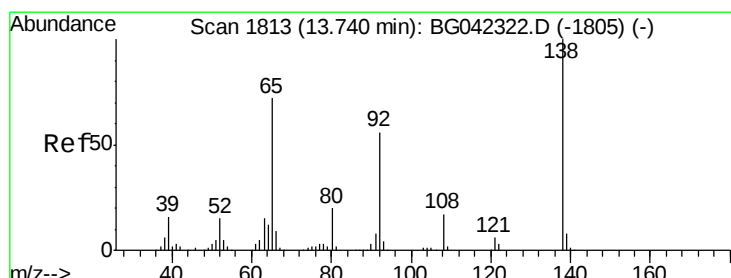
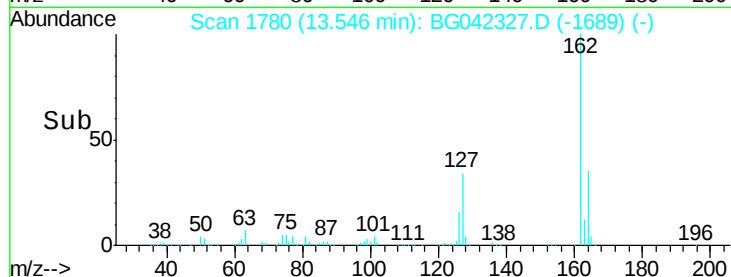
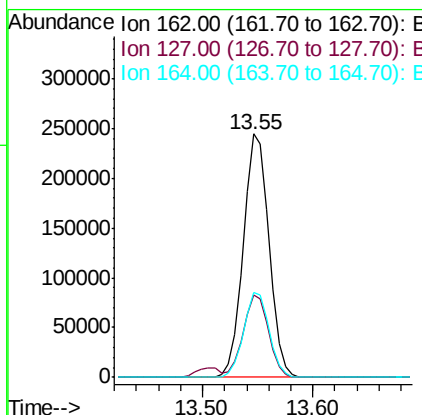
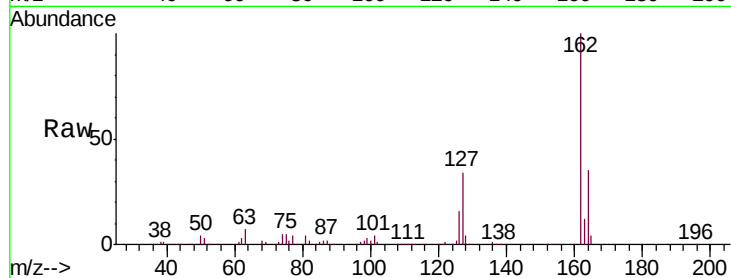




#47
2-Chloronaphthalene
Concen: 41.286 ng
RT: 13.55 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

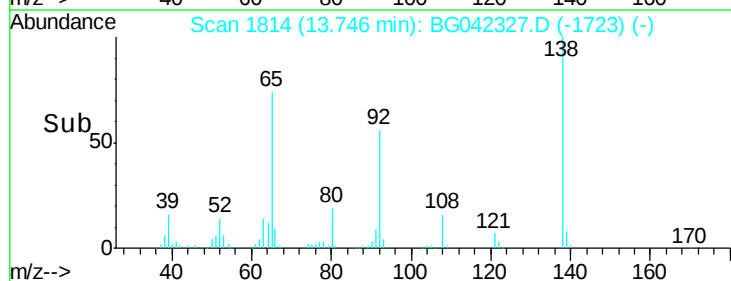
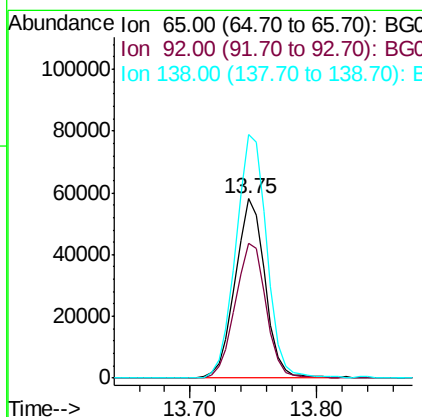
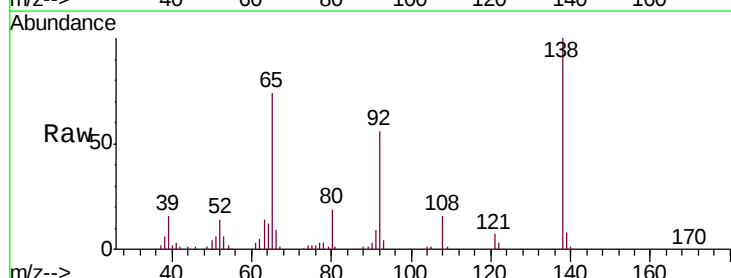
Instrument :
BNA_G
ClientSampleId :
ICVBG081919

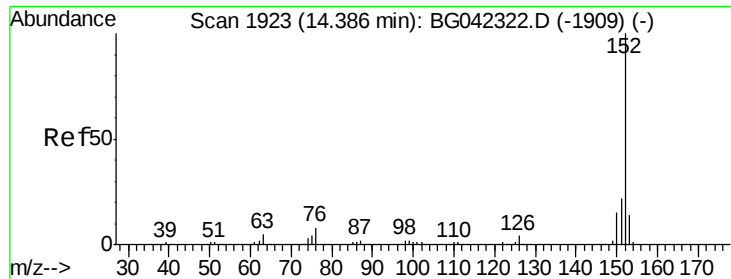
Tgt Ion: 162 Resp: 400523
Ion Ratio Lower Upper
162 100
127 33.7 27.2 40.8
164 34.7 27.8 41.8



#48
2-Nitroaniline
Concen: 41.201 ng
RT: 13.75 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Tgt Ion: 65 Resp: 94465
Ion Ratio Lower Upper
65 100
92 75.6 62.6 94.0
138 136.0 111.5 167.3





#49

Acenaphthylene

Concen: 42.561 ng

RT: 14.39 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

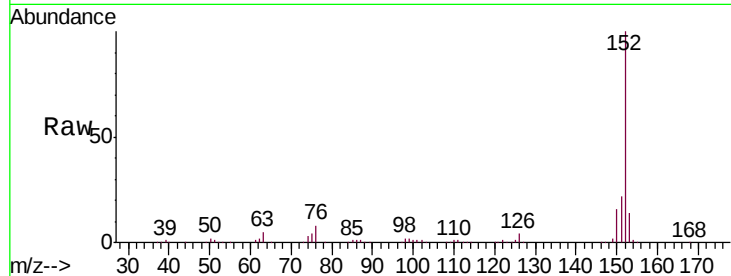
Tgt Ion:152 Resp: 620702

Ion Ratio Lower Upper

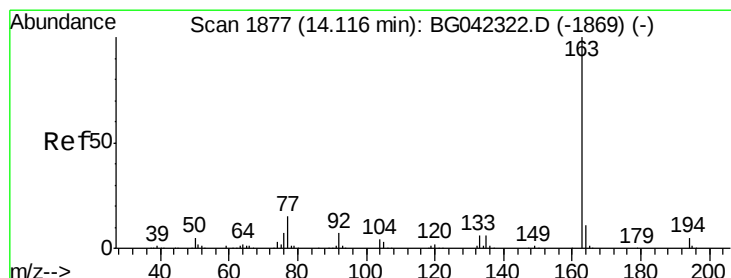
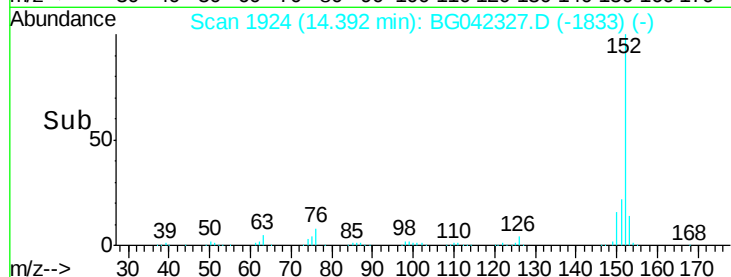
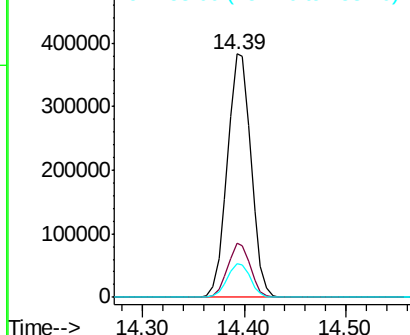
152 100

151 22.0 17.3 25.9

153 14.1 11.5 17.3



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: 41.607 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

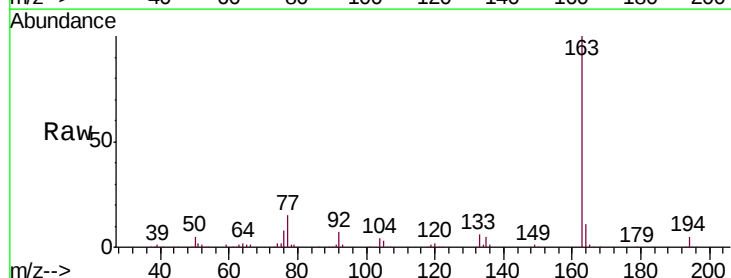
Tgt Ion:163 Resp: 515668

Ion Ratio Lower Upper

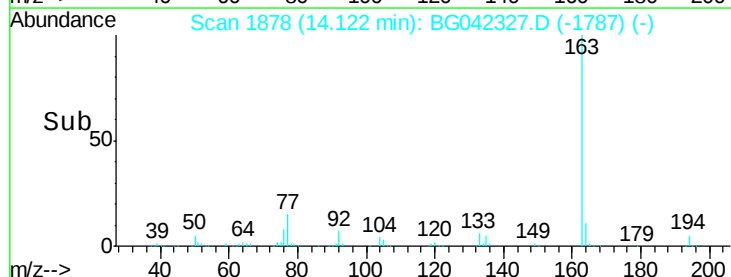
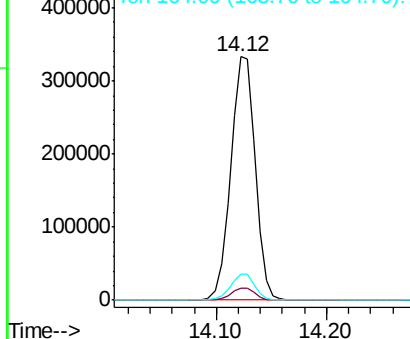
163 100

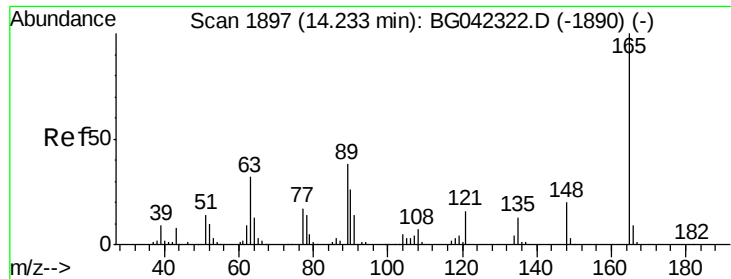
194 5.2 4.2 6.2

164 10.9 8.8 13.2



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

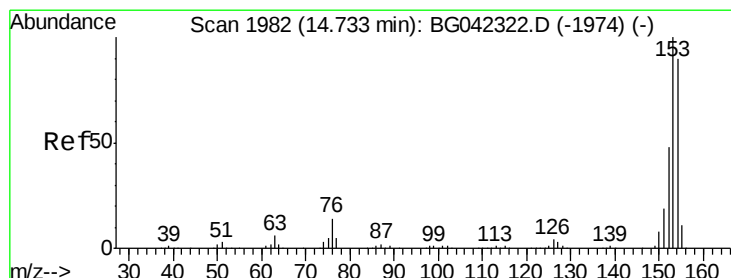
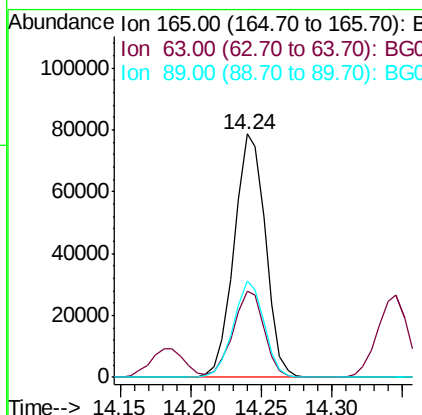
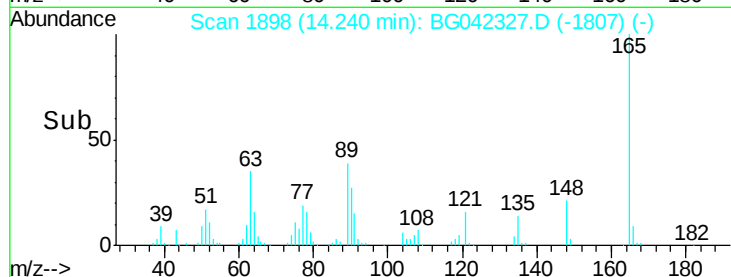
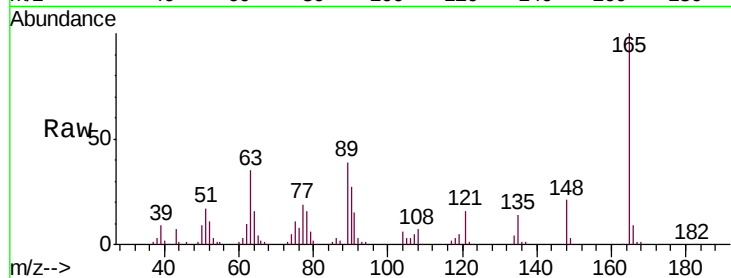




#51
 2,6-Dinitrotoluene
 Concen: 41.861 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

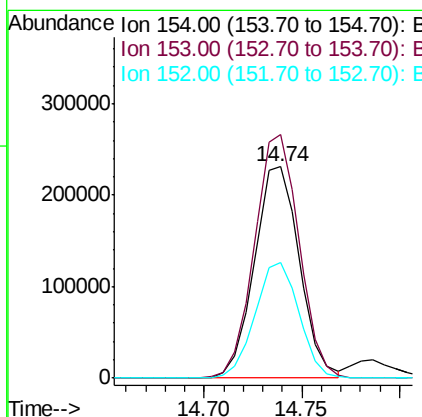
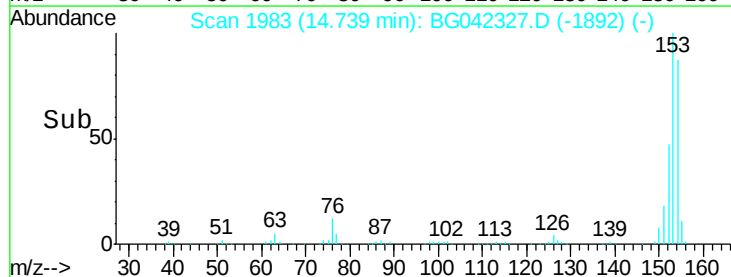
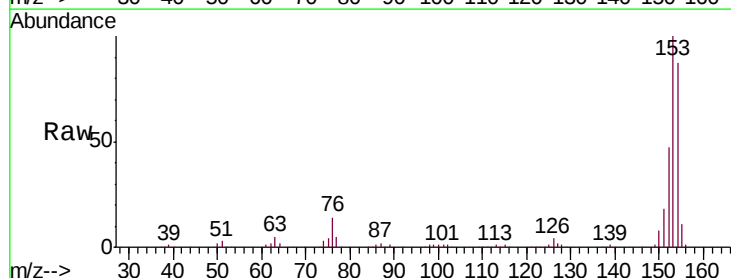
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

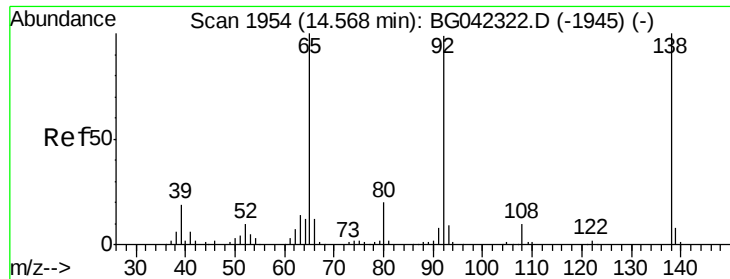
Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.2	28.2	42.2
89	39.4	30.0	45.0



#52
 Acenaphthene
 Concen: 41.528 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.4	134.0
152	54.5	43.1	64.7





#53

3-Nitroaniline

Concen: 40.551 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

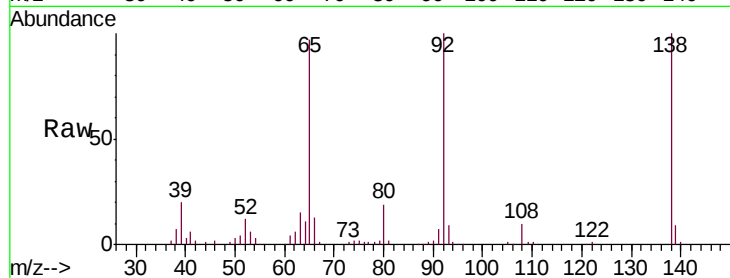
Tgt Ion:138 Resp: 115656

Ion Ratio Lower Upper

138 100

108 10.0 7.9 11.9

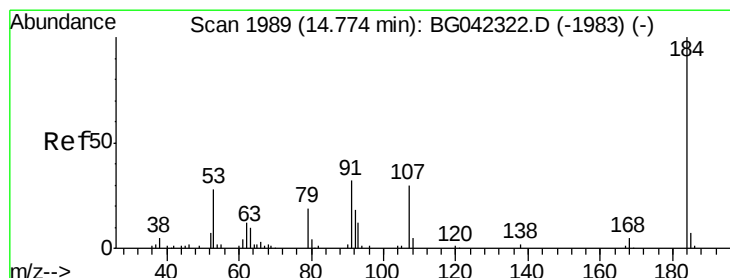
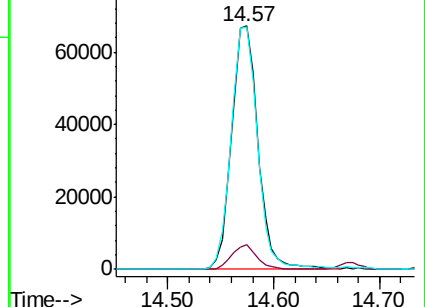
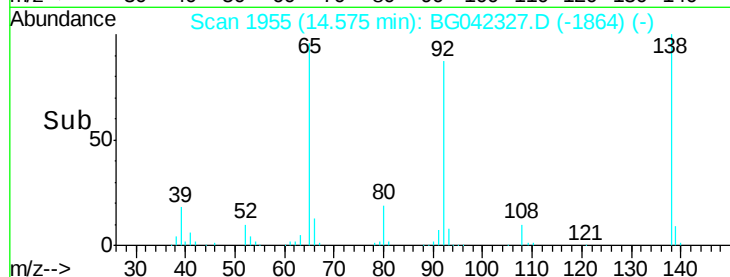
92 99.6 79.8 119.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 40.169 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

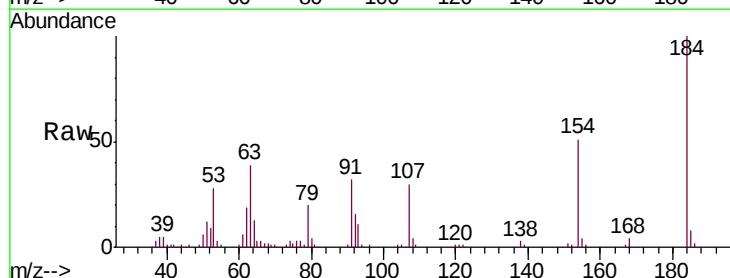
Tgt Ion:184 Resp: 68693

Ion Ratio Lower Upper

184 100

63 39.5 30.2 45.4

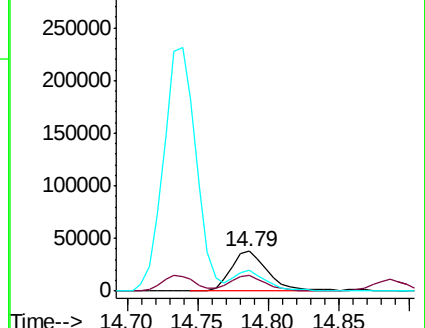
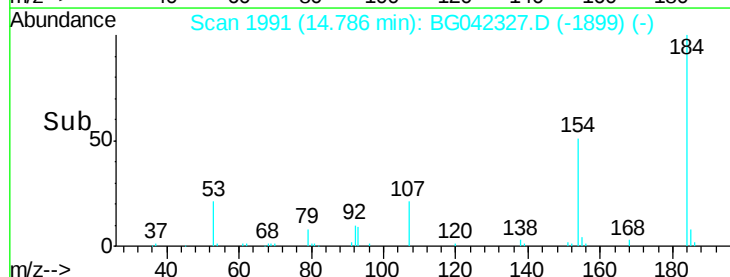
154 51.2 39.7 59.5

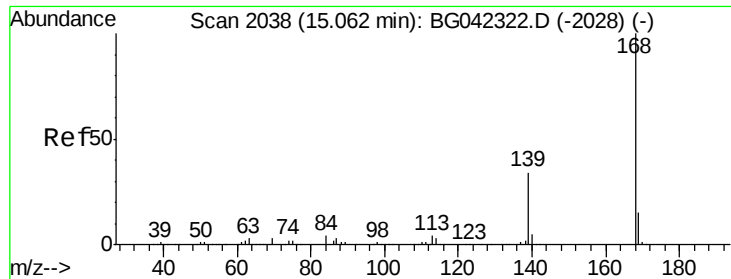


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 42.265 ng

RT: 15.07 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

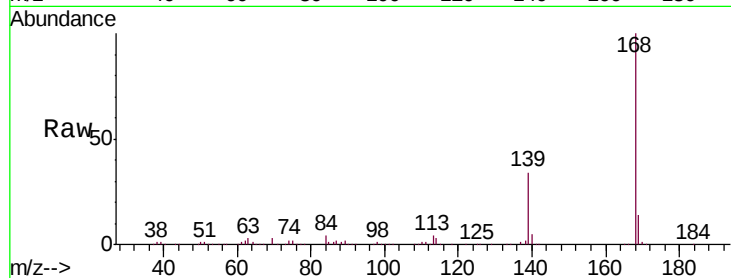
Tgt Ion:168 Resp: 612471

Ion Ratio Lower Upper

168 100

139 33.8 27.6 41.4

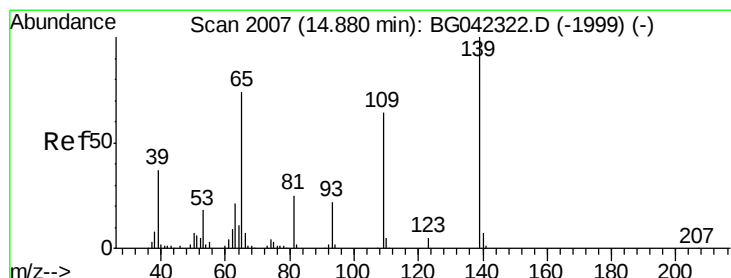
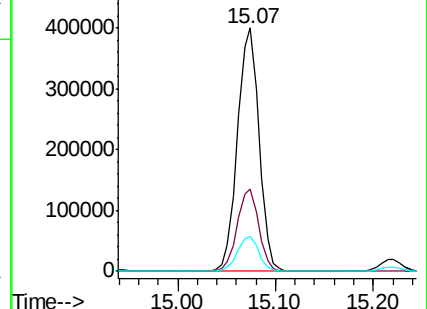
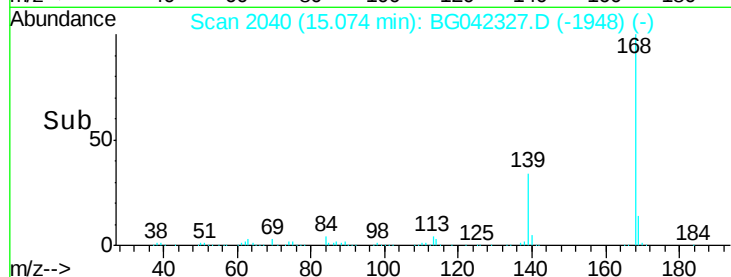
169 14.5 11.7 17.5



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: 43.946 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

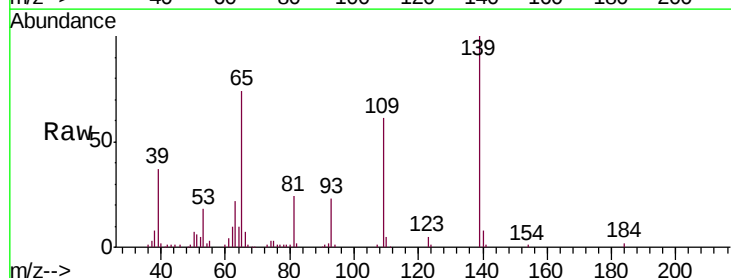
Tgt Ion:139 Resp: 90424

Ion Ratio Lower Upper

139 100

109 61.2 44.0 84.0

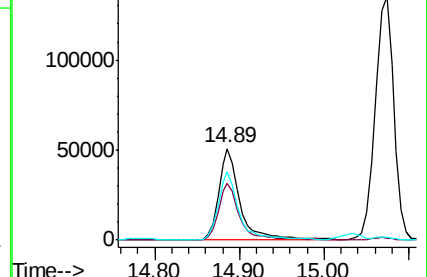
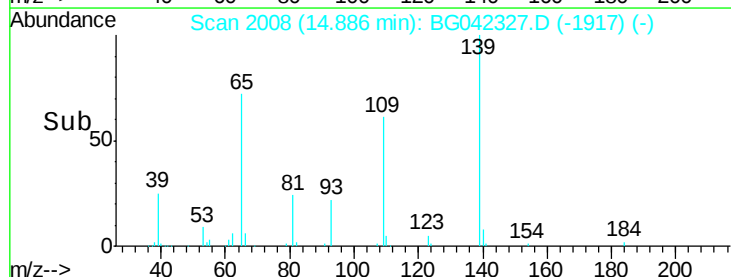
65 74.1 54.5 94.5

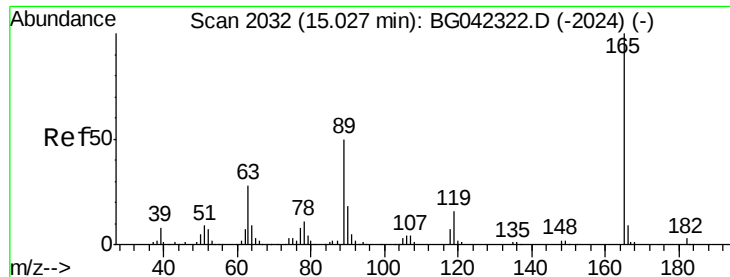


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

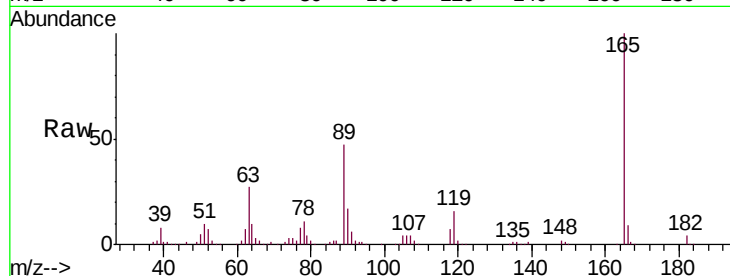




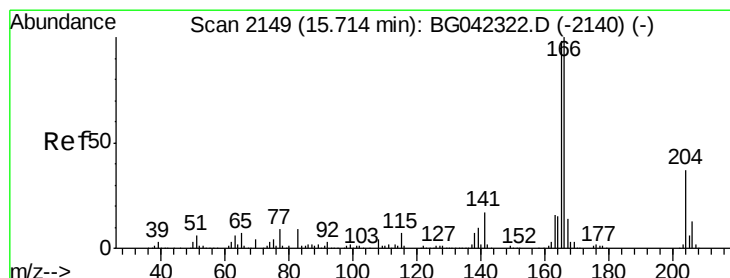
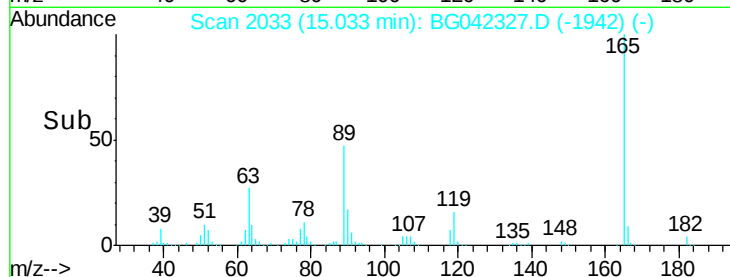
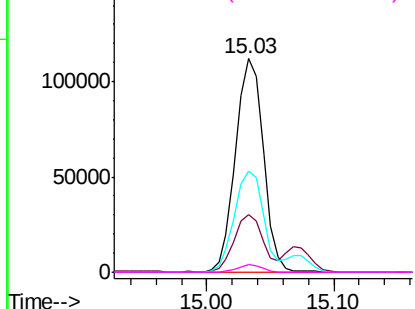
#57
2,4-Dinitrotoluene
Concen: 42.163 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Instrument :
BNA_G
ClientSampleId :
ICVBG081919

Tgt Ion:	165	Resp:	170992
Ion	Ratio	Lower	Upper
165	100		
63	27.3	22.4	33.6
89	47.5	40.2	60.2
182	3.6	2.6	3.8

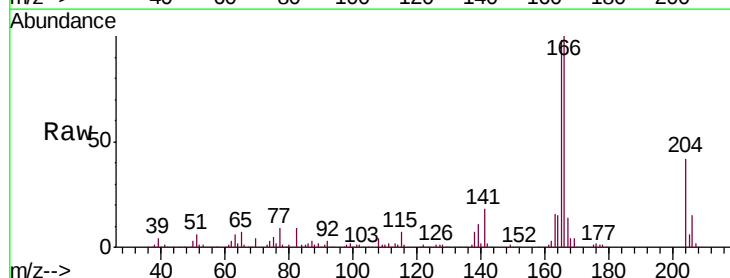


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

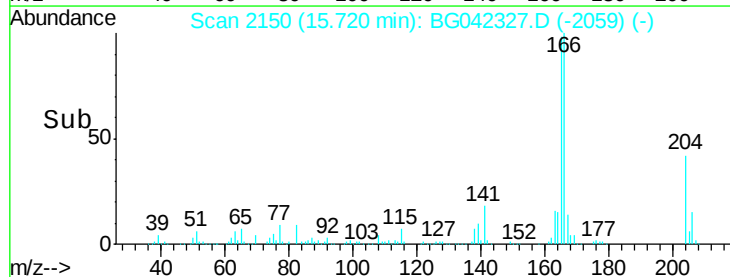
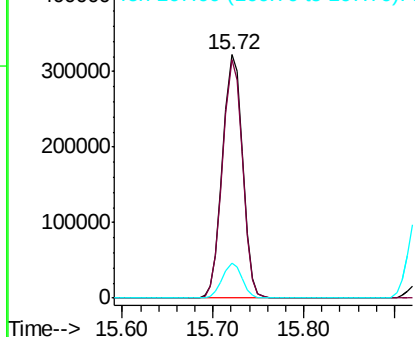


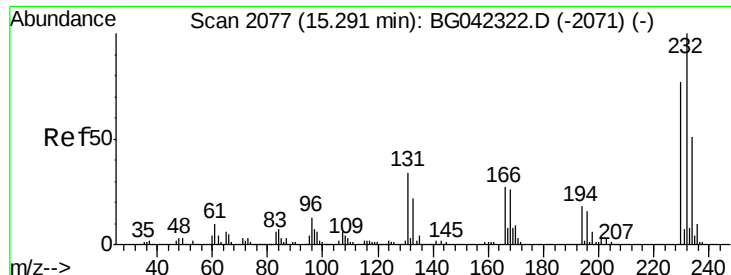
#58
Fluorene
Concen: 42.199 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BG042327.D
Acq: 19 Aug 2019 14:42

Tgt Ion:	166	Resp:	497460
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.7	118.1
167	14.3	11.1	16.7



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

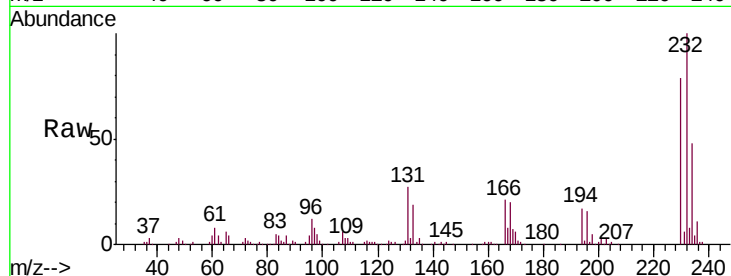




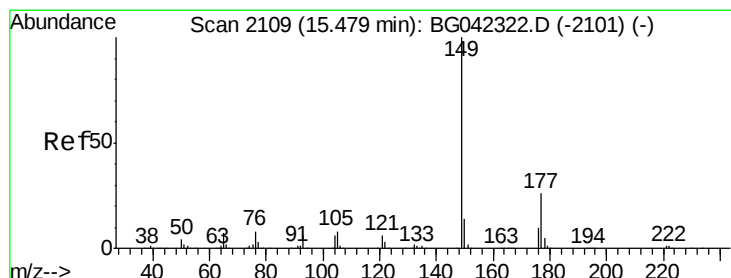
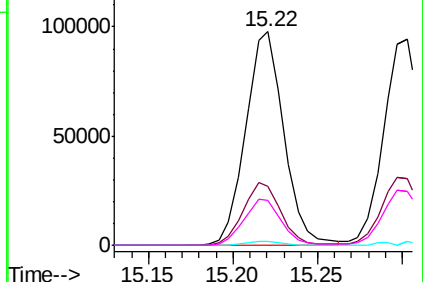
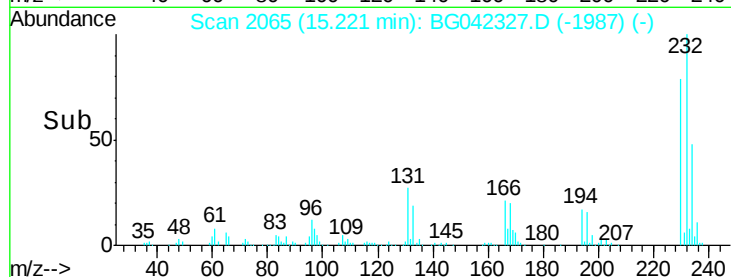
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.770 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.07 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

Tgt Ion:	232	Resp:	153458
Ion	Ratio	Lower	Upper
232	100		
131	29.0	27.0	40.6
130	1.6	1.4	2.0
166	21.5	21.3	31.9

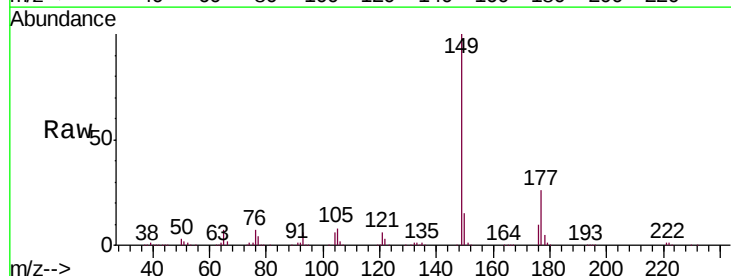


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

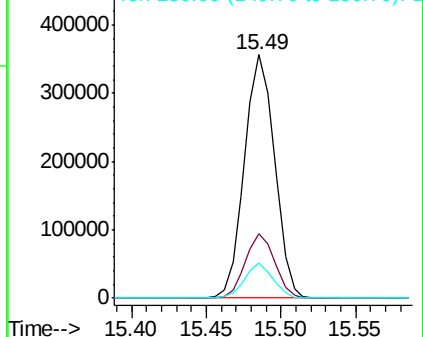
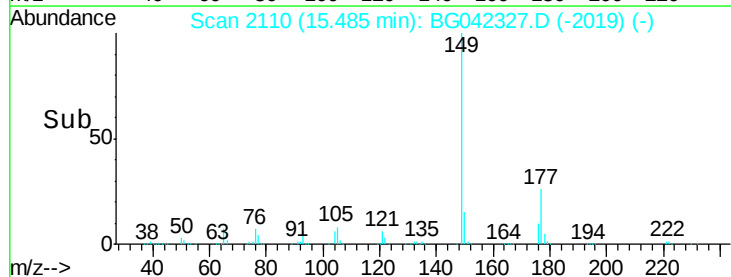


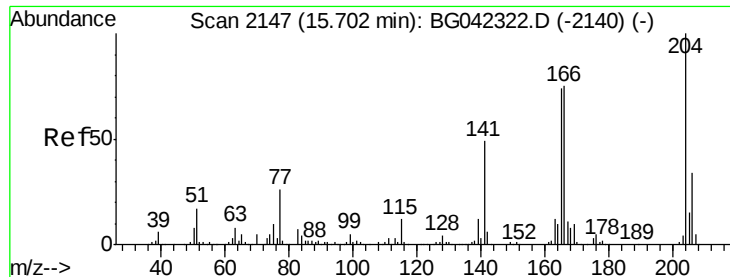
#60
 Diethylphthalate
 Concen: 41.556 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion:	149	Resp:	498279
Ion	Ratio	Lower	Upper
149	100		
177	26.3	20.7	31.1
150	14.6	11.0	16.4



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

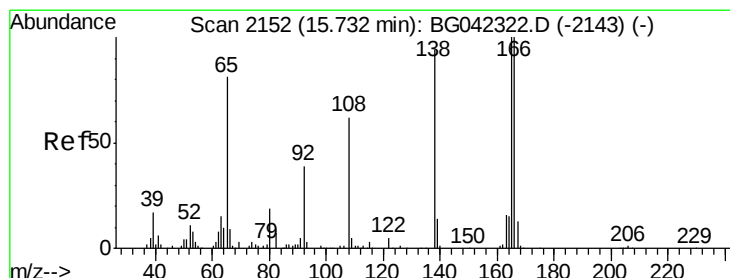
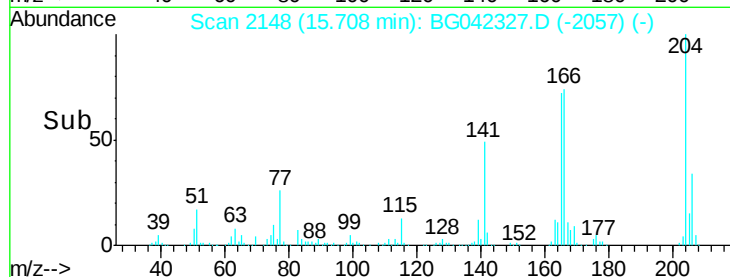
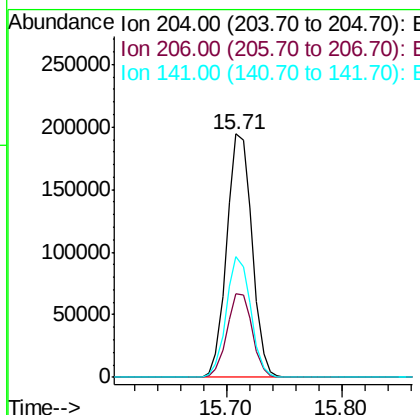
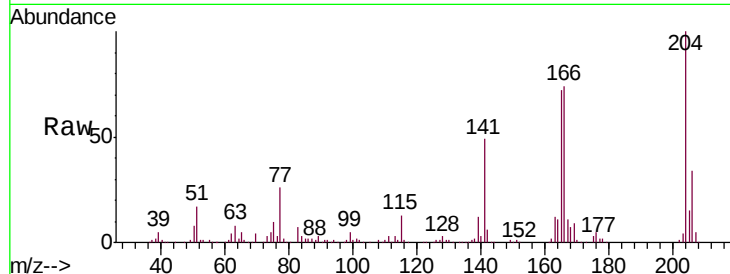




#61
 4-Chlorophenyl-phenylether
 Concen: 41.516 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

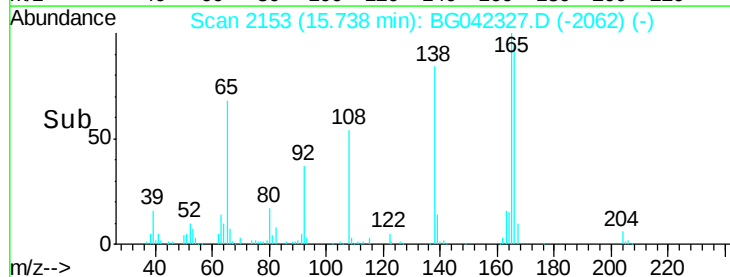
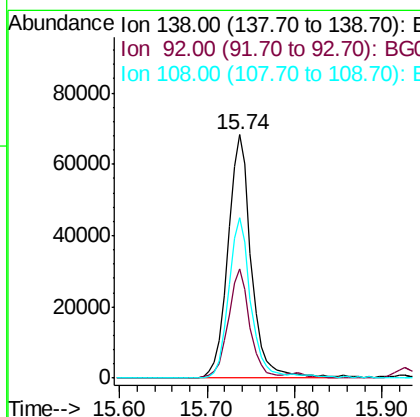
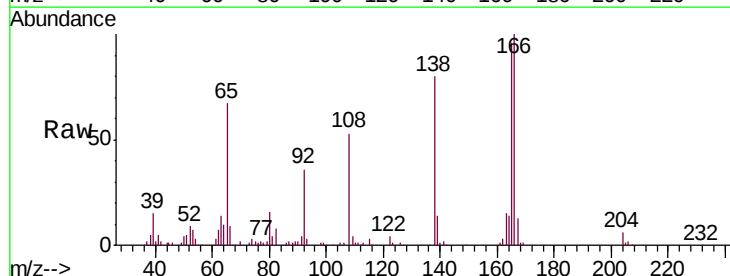
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

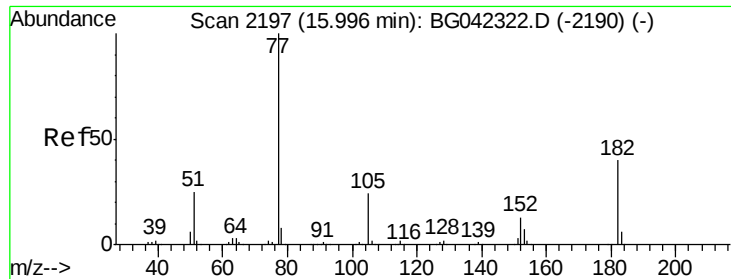
Tgt Ion: 204 Resp: 293895
 Ion Ratio Lower Upper
 204 100
 206 34.2 27.5 41.3
 141 49.4 38.8 58.2



#62
 4-Nitroaniline
 Concen: 41.418 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion: 138 Resp: 124832
 Ion Ratio Lower Upper
 138 100
 92 44.7 21.5 61.5
 108 66.0 45.7 85.7





#63

Azobenzene

Concen: 41.575 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

Tgt Ion: 77 Resp: 347400

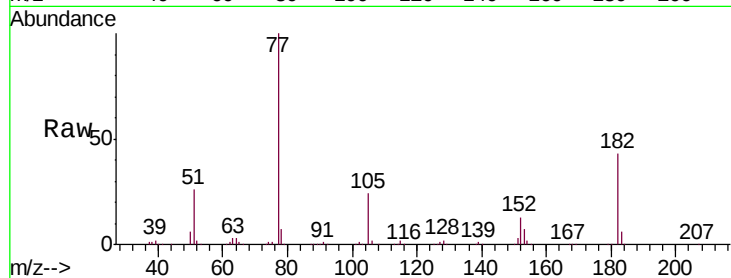
Ion Ratio Lower Upper

77 100

182 43.0 19.7 59.7

105 23.6 3.5 43.5

51 25.5 5.4 45.4

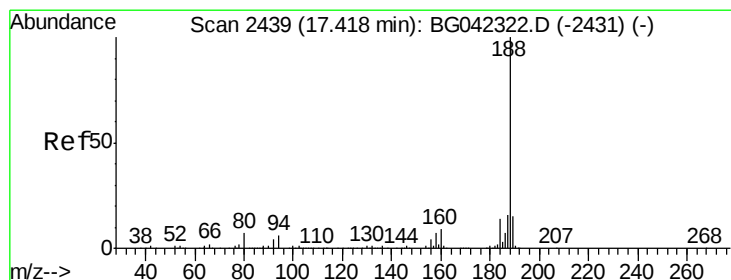
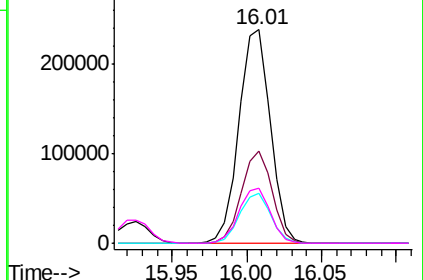
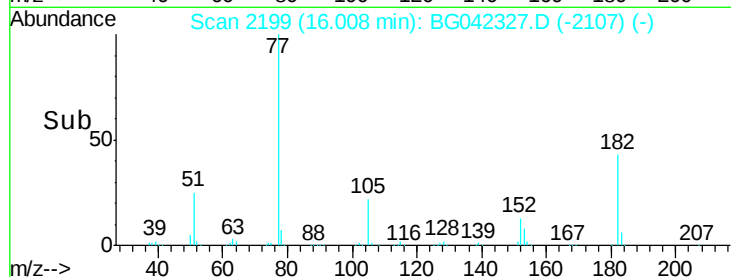


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

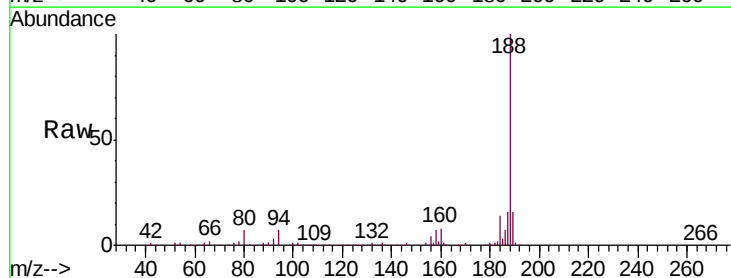
Tgt Ion: 188 Resp: 386577

Ion Ratio Lower Upper

188 100

94 6.6 4.9 7.3

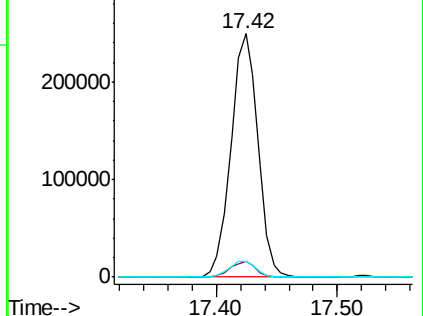
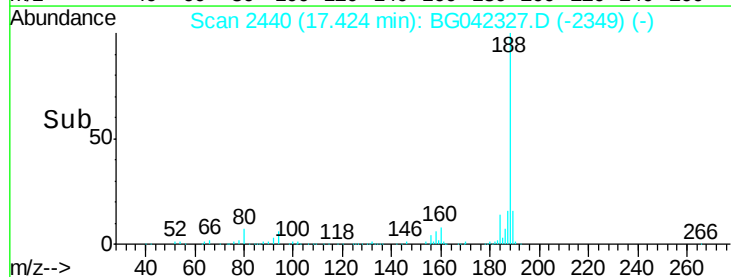
80 6.6 5.4 8.0

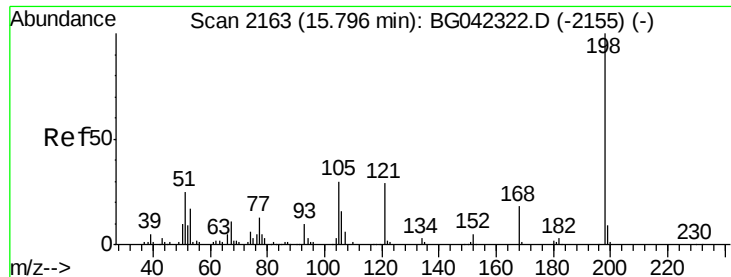


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.999 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

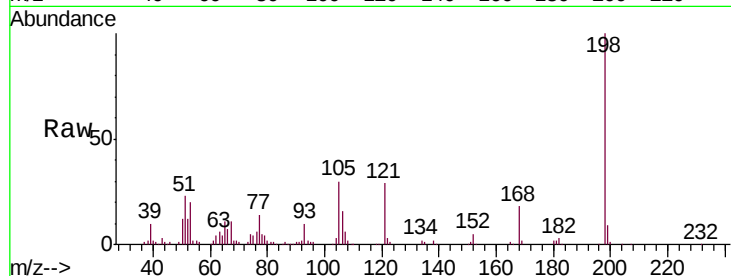
Tgt Ion:198 Resp: 103781

Ion Ratio Lower Upper

198 100

51 23.3 6.4 46.4

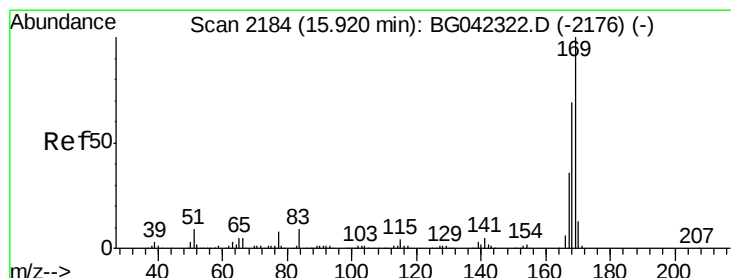
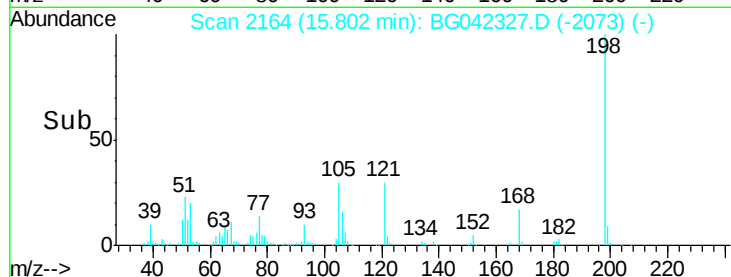
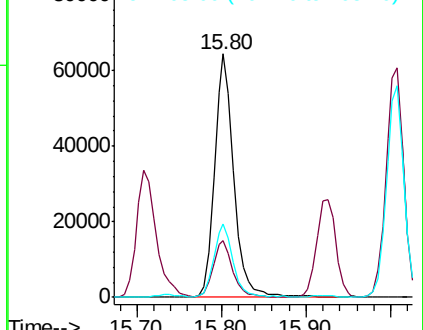
105 30.4 10.0 50.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.145 ng

RT: 15.93 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

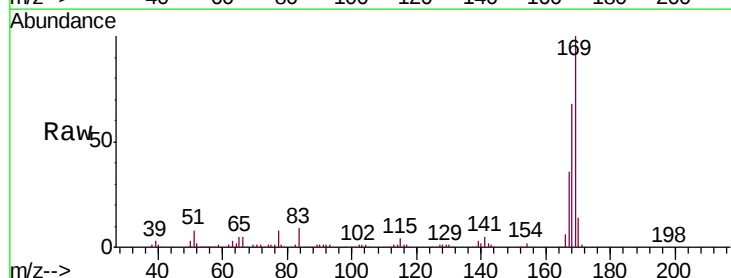
Tgt Ion:169 Resp: 455893

Ion Ratio Lower Upper

169 100

168 68.4 55.5 83.3

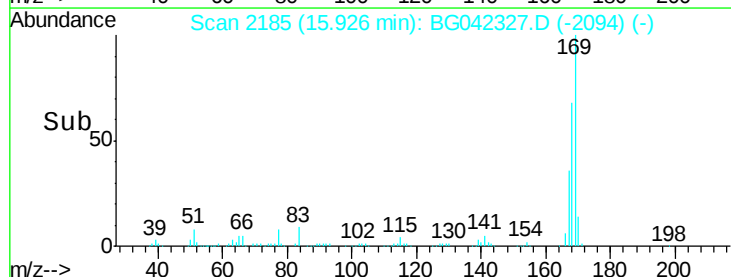
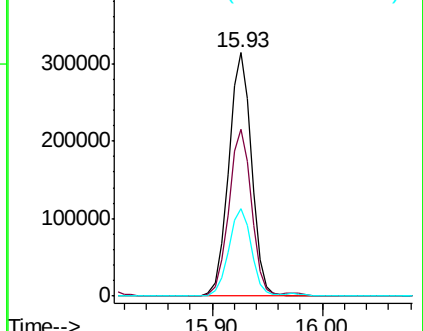
167 35.7 28.9 43.3

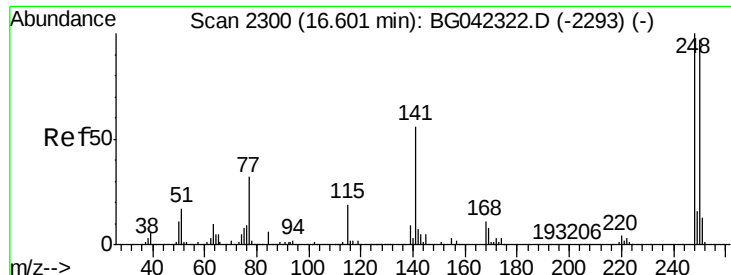


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

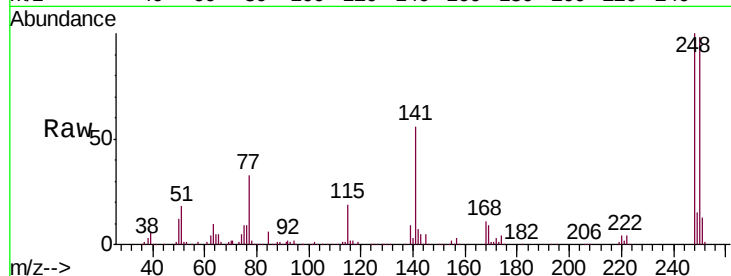




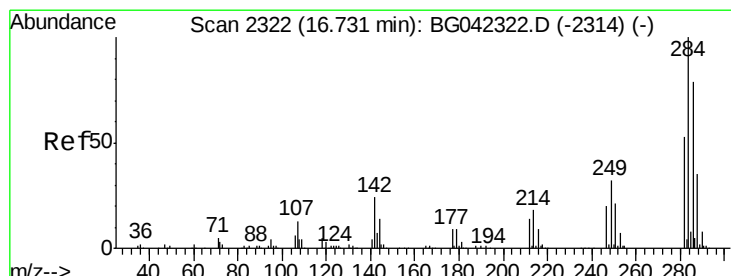
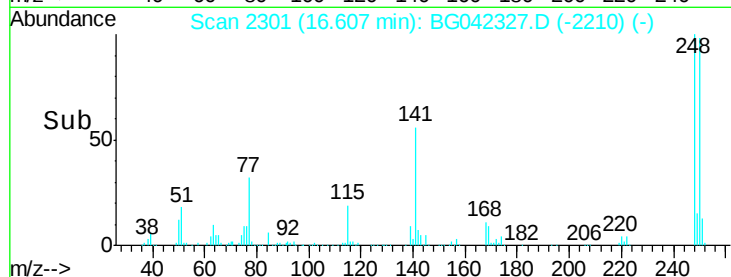
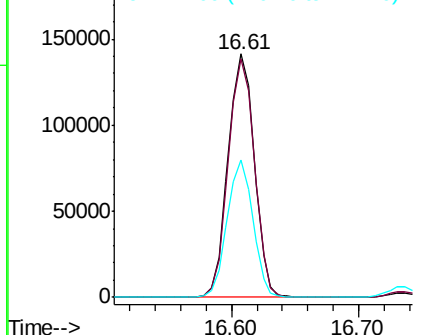
#67
 4-Bromophenyl-phenylether
 Concen: 41.080 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

Tgt Ion: 248 Resp: 202094
 Ion Ratio Lower Upper
 248 100
 250 98.1 78.0 117.0
 141 56.3 44.9 67.3

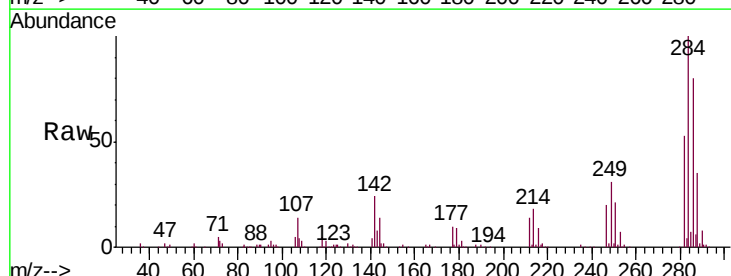


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

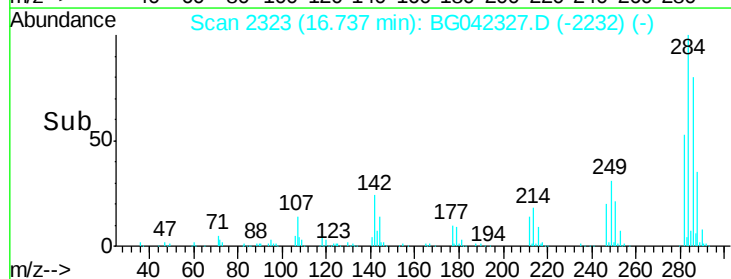
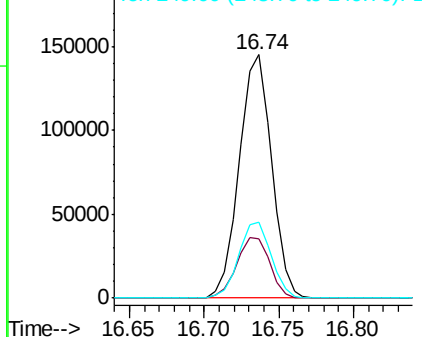


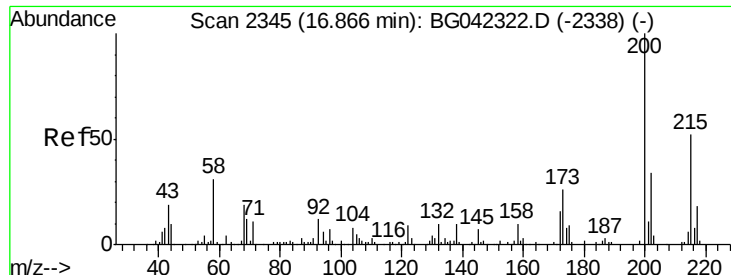
#68
 Hexachlorobenzene
 Concen: 41.335 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion: 284 Resp: 217825
 Ion Ratio Lower Upper
 284 100
 142 24.3 19.0 28.4
 249 31.0 25.9 38.9



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





#69

Atrazine

Concen: 41.325 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

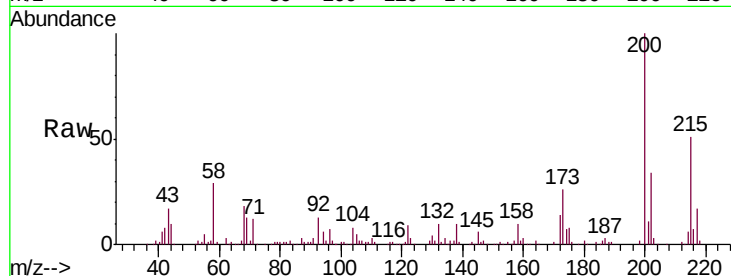
Tgt Ion:200 Resp: 153224

Ion Ratio Lower Upper

200 100

173 25.6 6.0 46.0

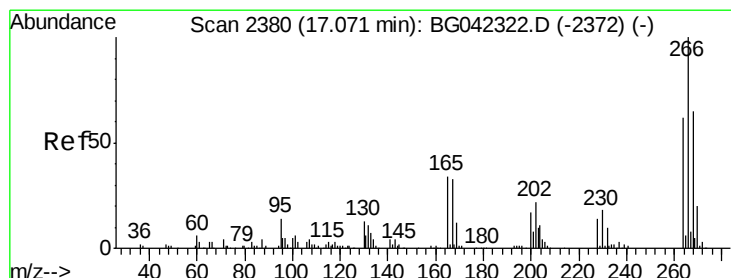
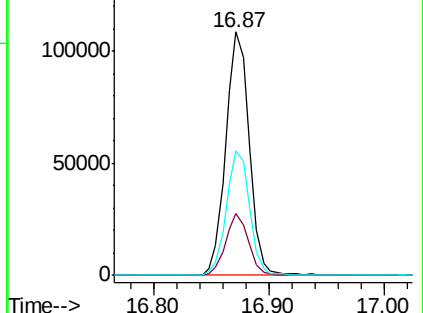
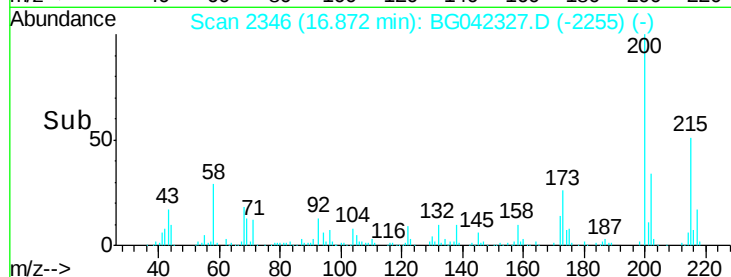
215 50.9 32.4 72.4



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: 42.087 ng

RT: 17.08 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

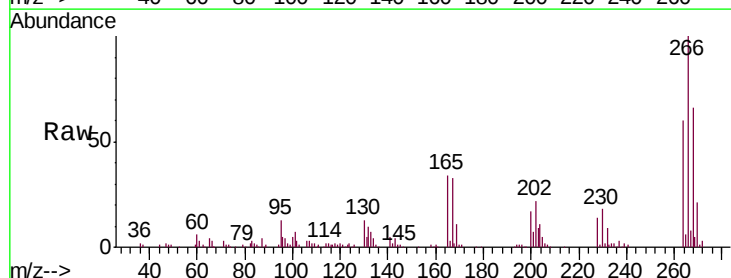
Tgt Ion:266 Resp: 118060

Ion Ratio Lower Upper

266 100

268 65.6 51.6 77.4

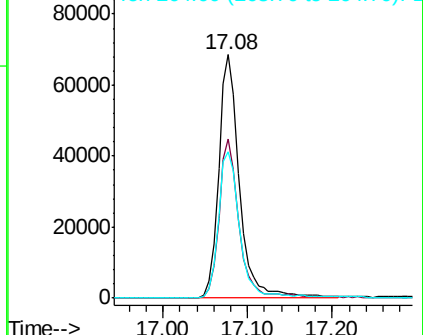
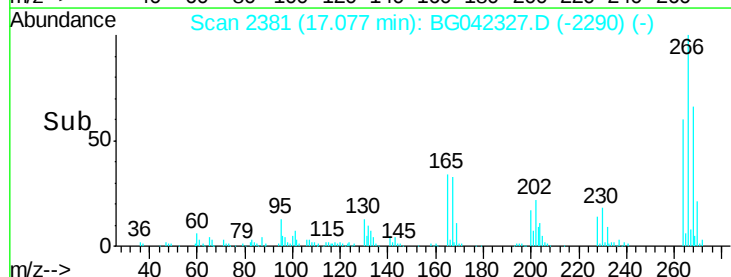
264 60.0 49.5 74.3

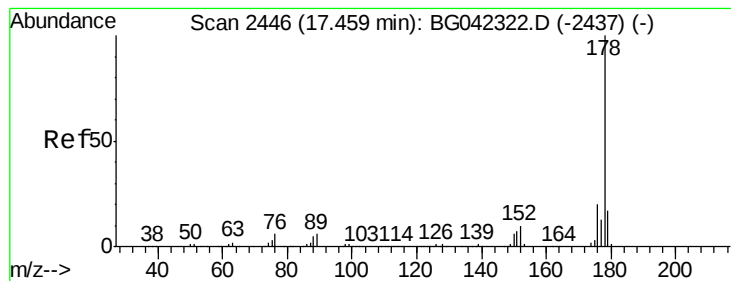


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.447 ng

RT: 17.47 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

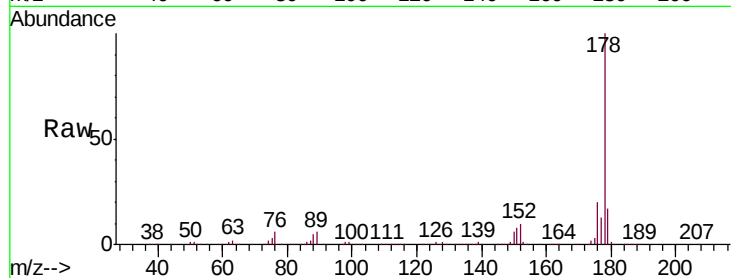
Tgt Ion:178 Resp: 817238

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

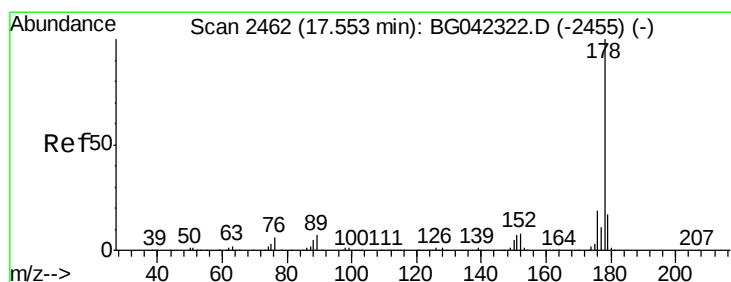
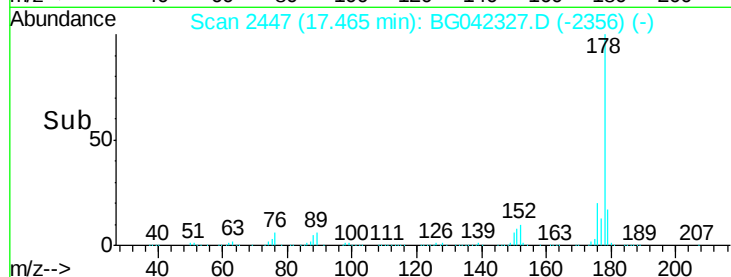
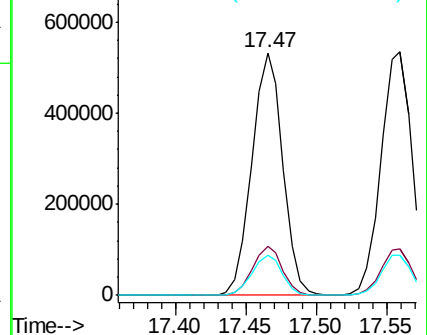
179 16.6 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.631 ng

RT: 17.56 min Scan# 2463

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

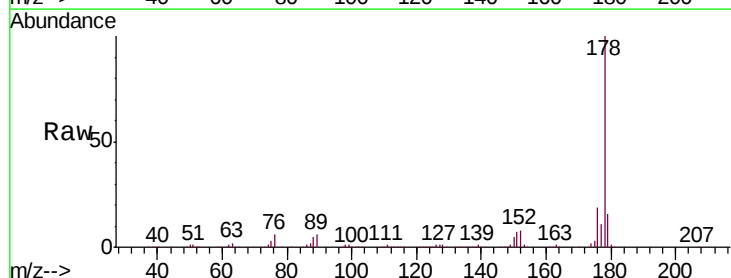
Tgt Ion:178 Resp: 818592

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

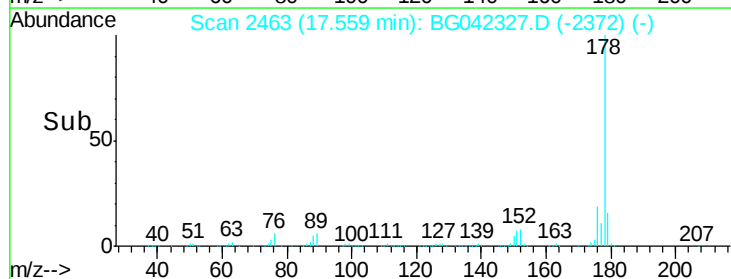
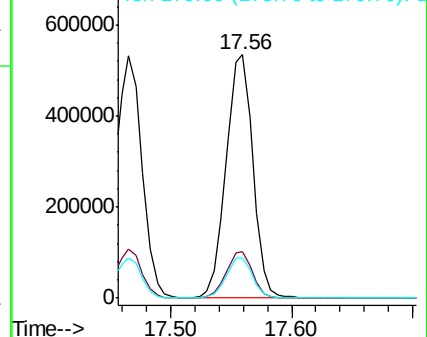
179 16.4 13.6 20.4

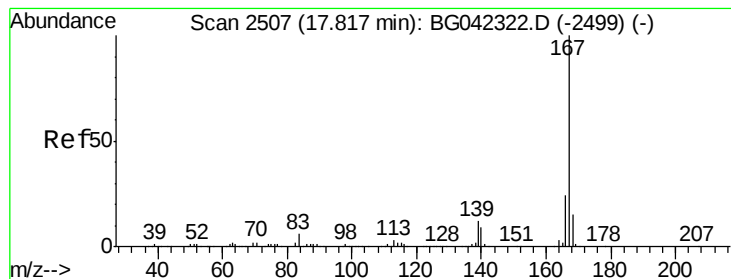


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.564 ng

RT: 17.82 min Scan# 2508

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

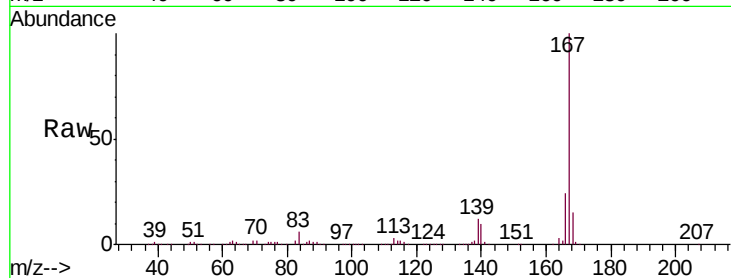
Tgt Ion:167 Resp: 726024

Ion Ratio Lower Upper

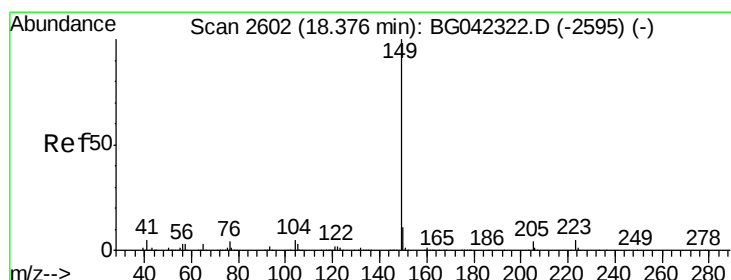
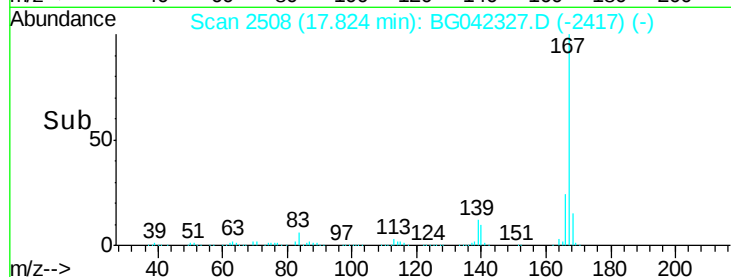
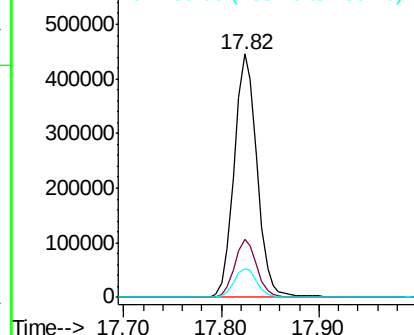
167 100

166 23.7 19.0 28.6

139 11.9 9.7 14.5



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: 42.617 ng

RT: 18.38 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

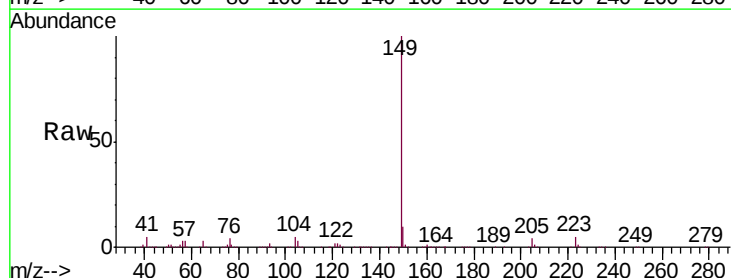
Tgt Ion:149 Resp: 847946

Ion Ratio Lower Upper

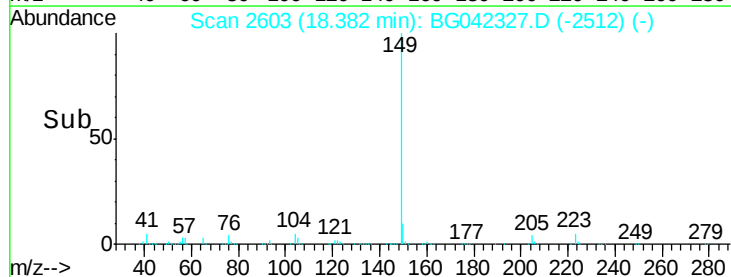
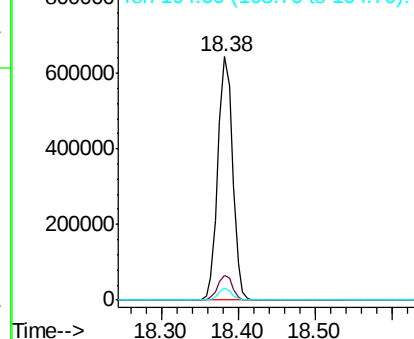
149 100

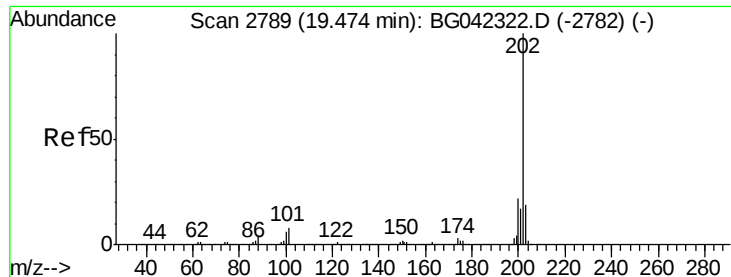
150 10.4 8.4 12.6

104 4.8 3.7 5.5



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: 43.368 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

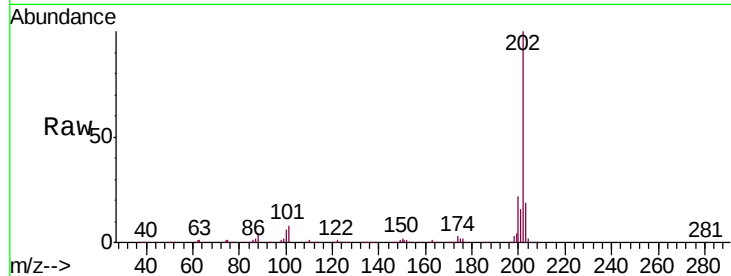
Tgt Ion:202 Resp: 1006870

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.0

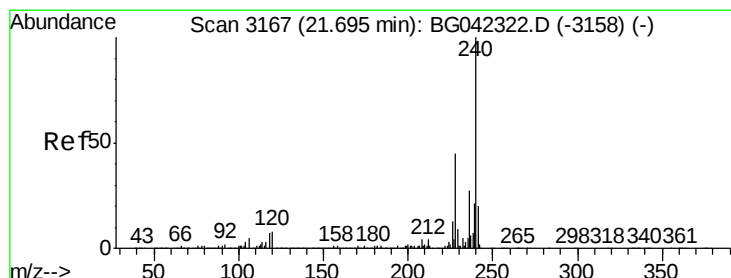
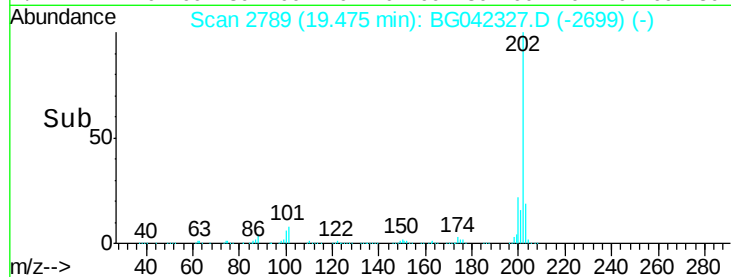
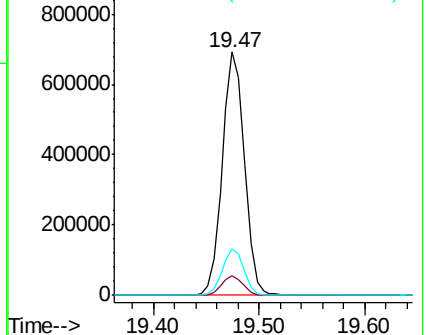
203 19.2 0.0 39.1



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: 21.70 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

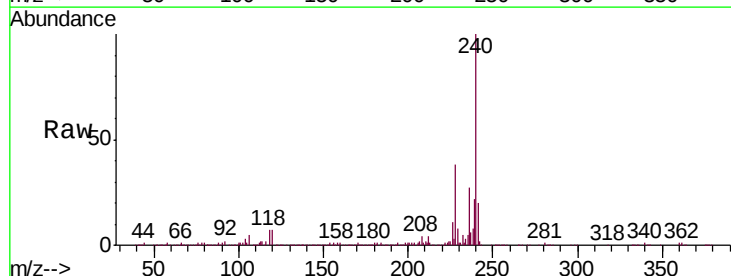
Tgt Ion:240 Resp: 385192

Ion Ratio Lower Upper

240 100

120 6.8 6.0 9.0

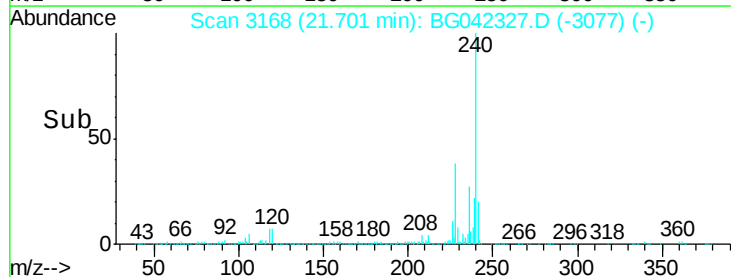
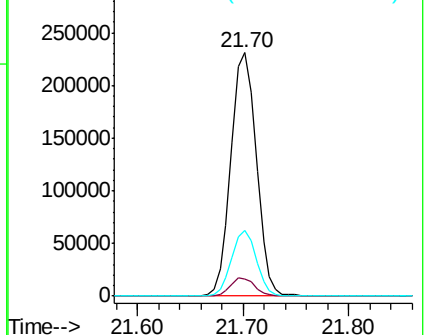
236 26.8 21.6 32.4

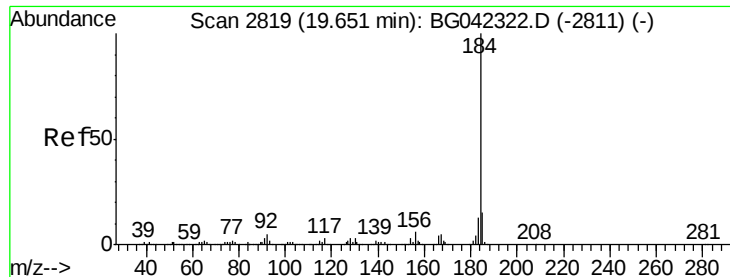


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.756 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

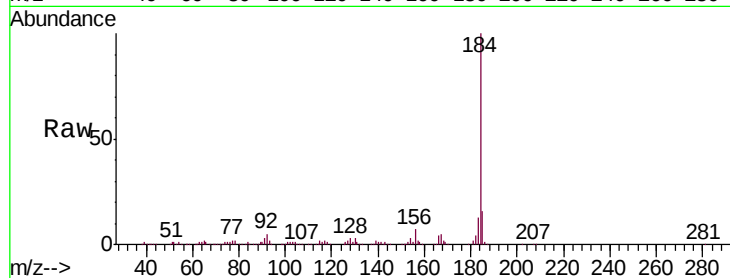
Tgt Ion:184 Resp: 436668

Ion Ratio Lower Upper

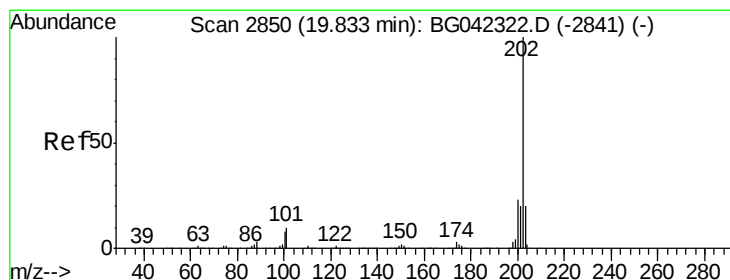
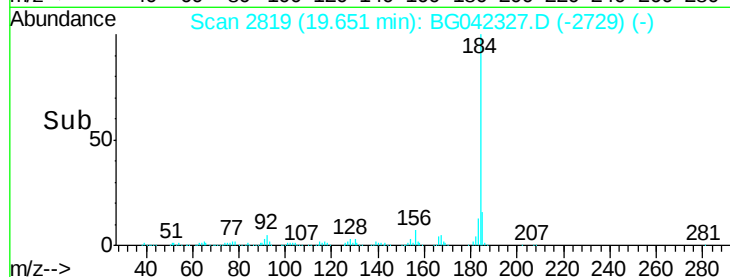
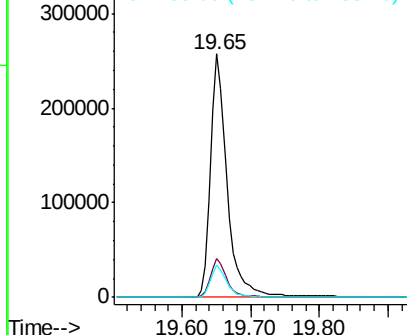
184 100

185 16.0 11.8 17.6

183 13.4 10.6 15.8



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: 42.440 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

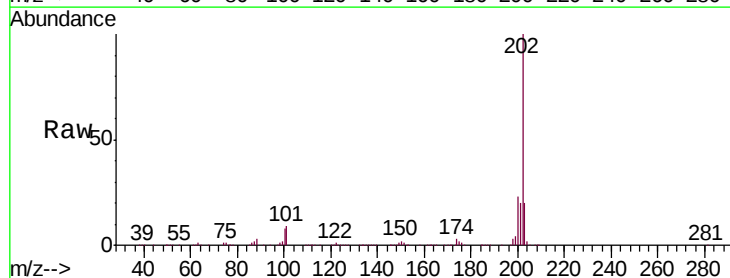
Tgt Ion:202 Resp: 1005889

Ion Ratio Lower Upper

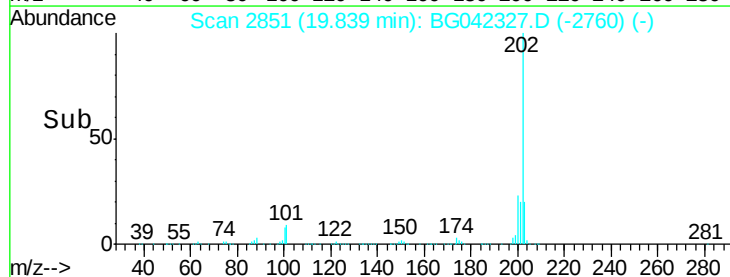
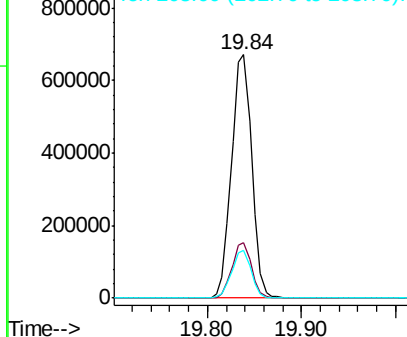
202 100

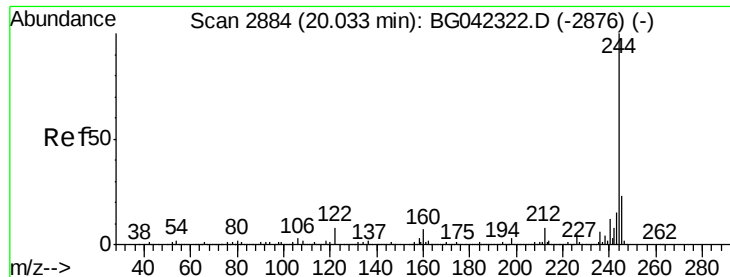
200 22.5 18.1 27.1

203 19.9 15.8 23.8



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: 82.333 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

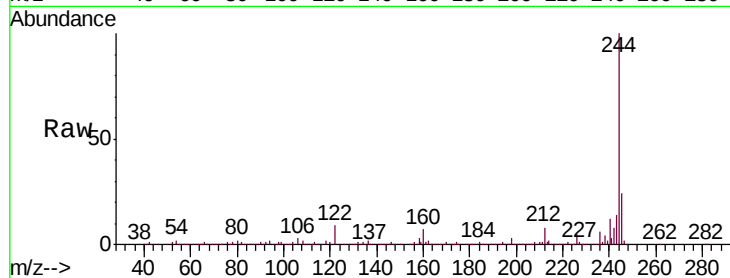
Tgt Ion:244 Resp: 1447938

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

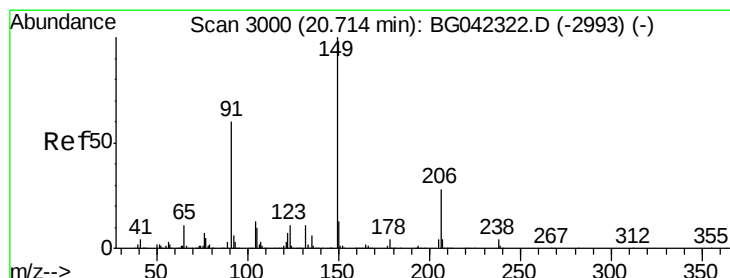
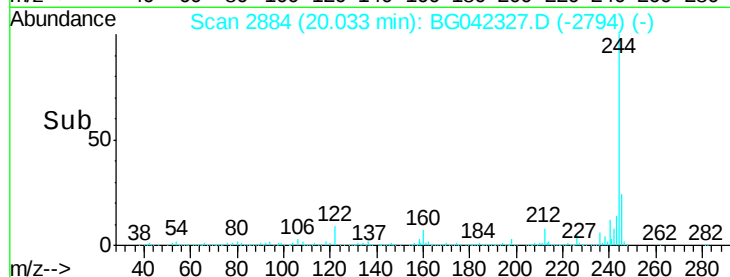
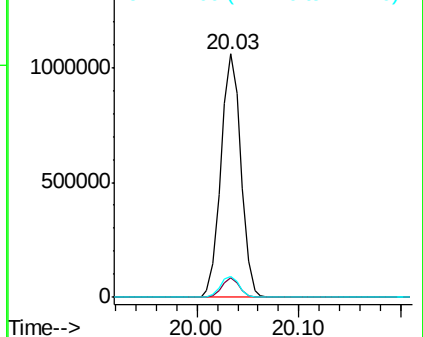
122 8.7 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.711 ng

RT: 20.72 min Scan# 3001

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

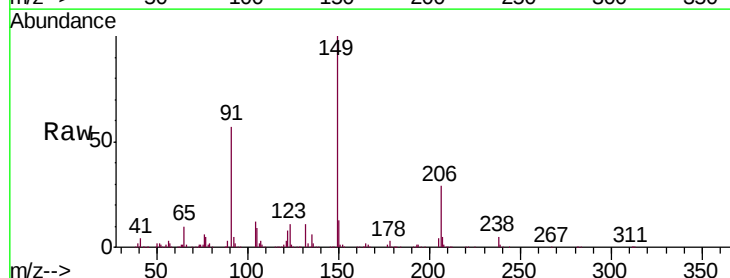
Tgt Ion:149 Resp: 391815

Ion Ratio Lower Upper

149 100

91 56.9 47.8 71.6

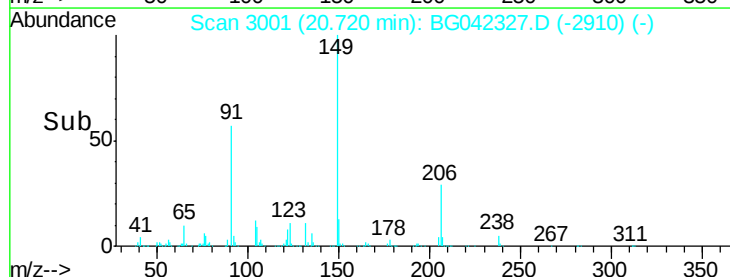
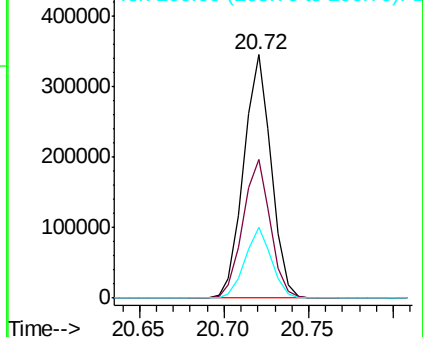
206 28.9 22.6 33.8

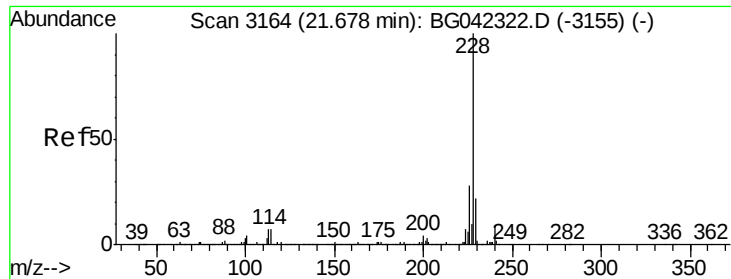


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.151 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

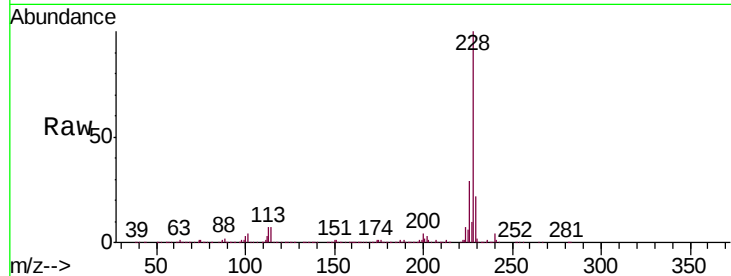
Tgt Ion:228 Resp: 997079

Ion Ratio Lower Upper

228 100

226 29.5 22.7 34.1

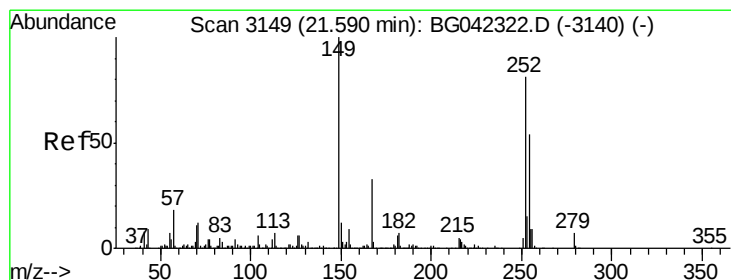
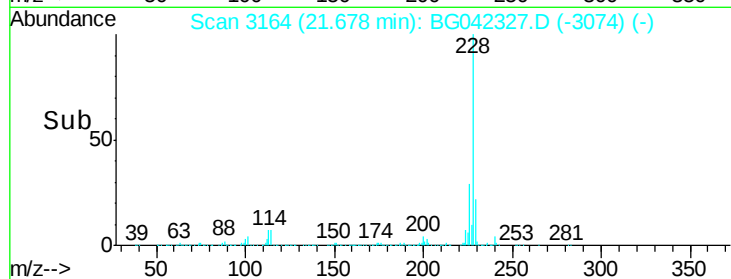
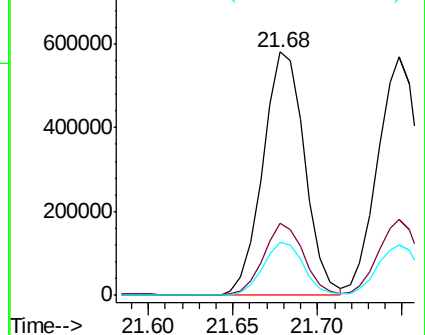
229 21.7 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.403 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

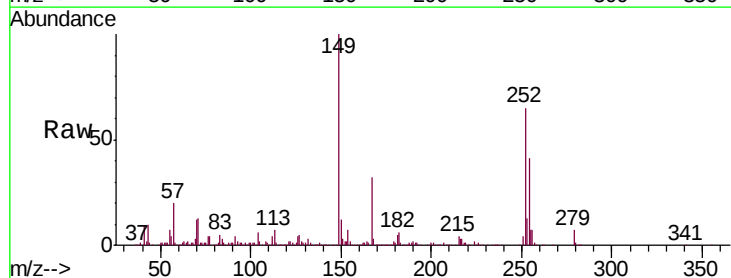
Tgt Ion:252 Resp: 389820

Ion Ratio Lower Upper

252 100

254 63.8 53.0 79.6

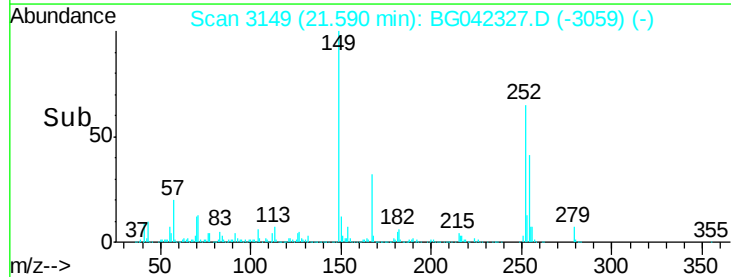
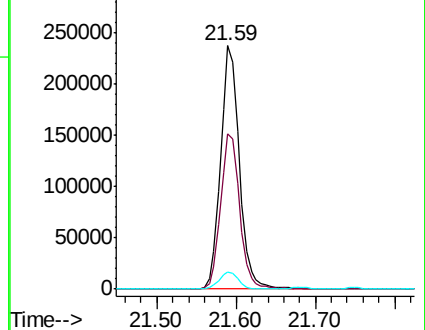
126 6.9 6.2 9.2

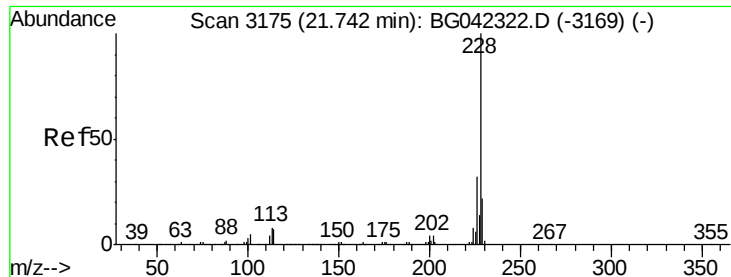


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.947 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

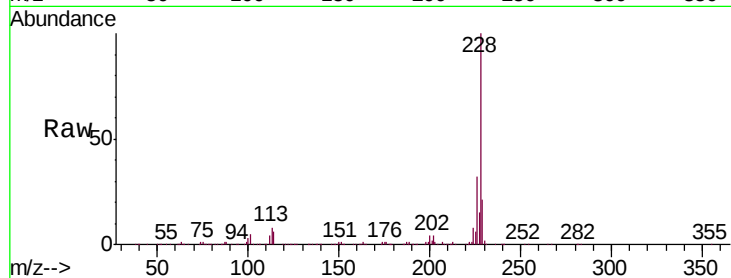
Tgt Ion:228 Resp: 971826

Ion Ratio Lower Upper

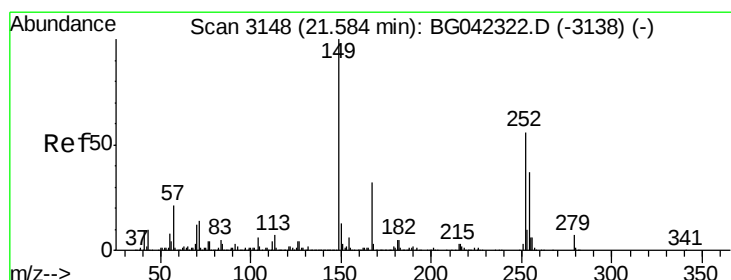
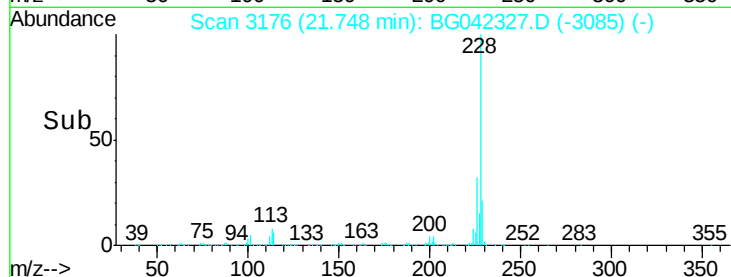
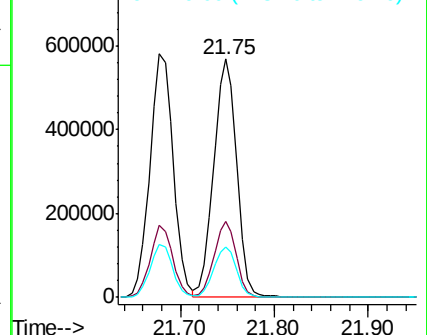
228 100

226 31.8 25.6 38.4

229 21.4 17.8 26.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.961 ng

RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

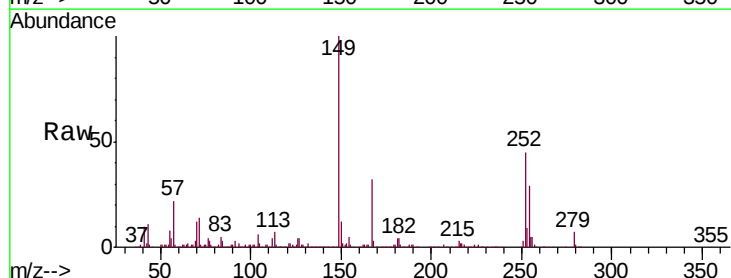
Tgt Ion:149 Resp: 549588

Ion Ratio Lower Upper

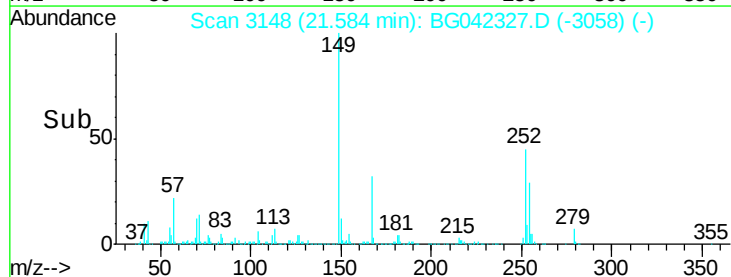
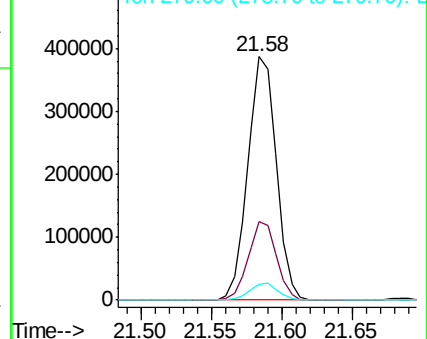
149 100

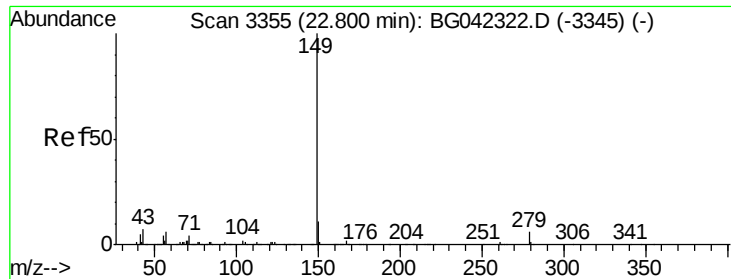
167 32.0 25.4 38.0

279 6.6 5.8 8.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

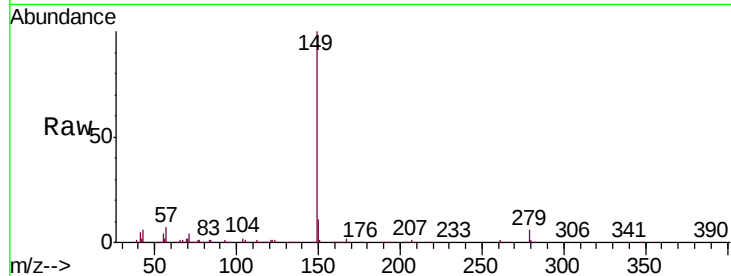




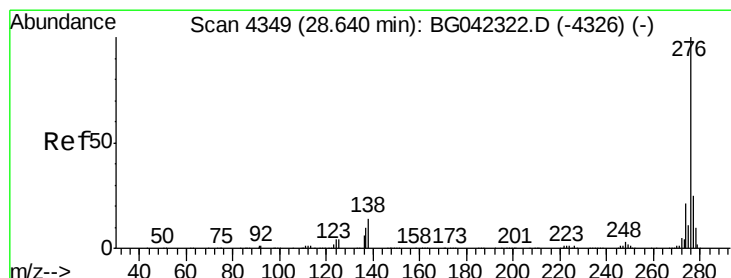
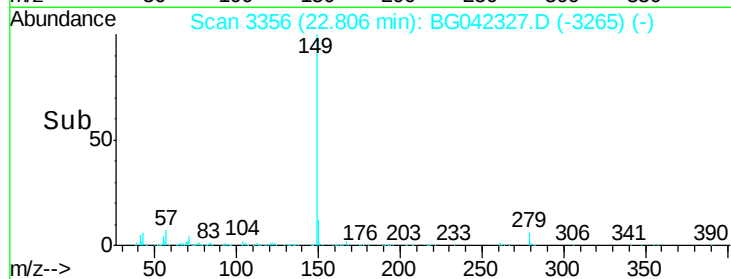
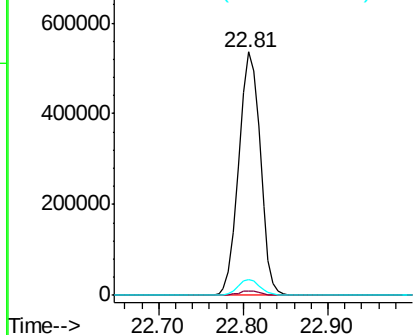
#85
 Di-n-octyl phthalate
 Concen: 42.052 ng
 RT: 22.81 min Scan# 3356
 Delta R.T. 0.01 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081919

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	6.8	5.4	8.2

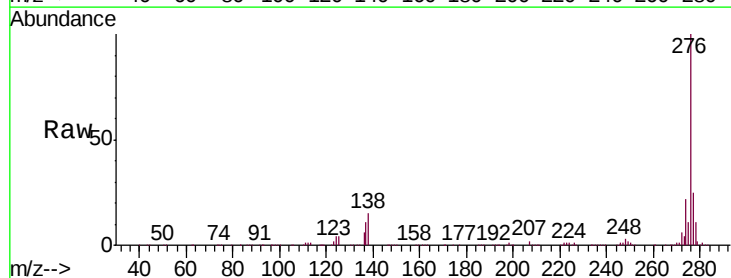


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

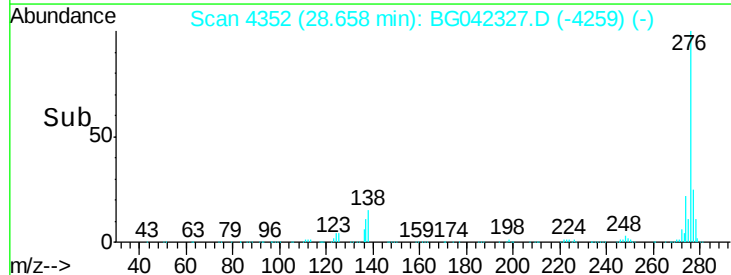
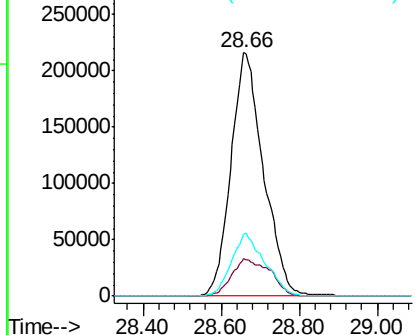


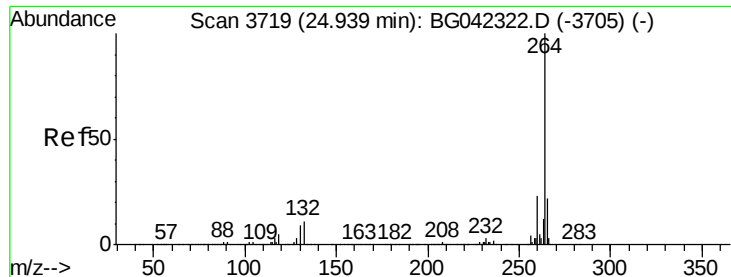
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 41.581 ng
 RT: 28.66 min Scan# 4352
 Delta R.T. 0.02 min
 Lab File: BG042327.D
 Acq: 19 Aug 2019 14:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	14.5	21.7
277	26.4	21.0	31.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3720

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

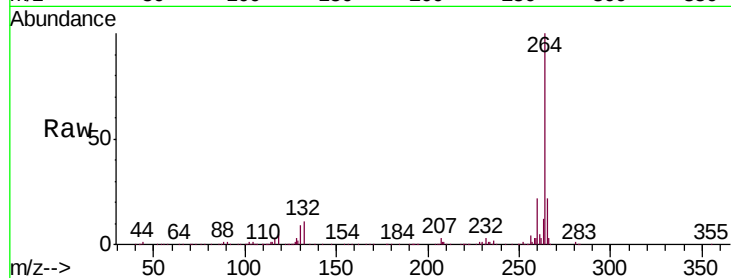
Tgt Ion:264 Resp: 466542

Ion Ratio Lower Upper

264 100

260 22.0 18.4 27.6

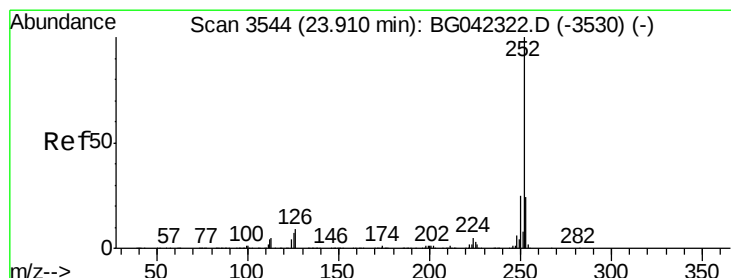
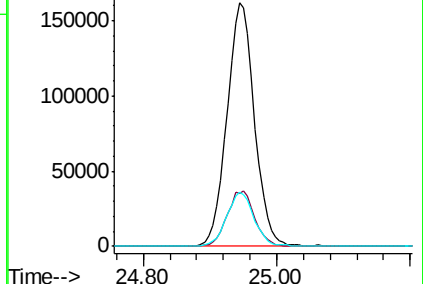
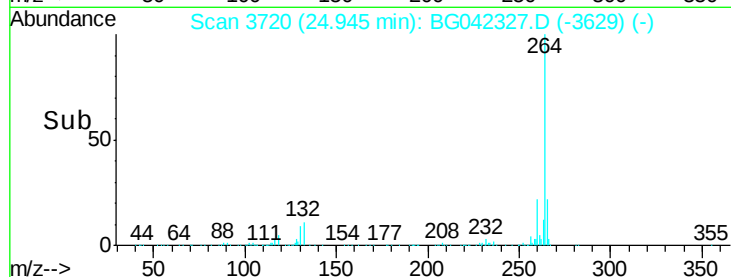
265 22.2 17.4 26.0



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: 42.313 ng

RT: 23.92 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

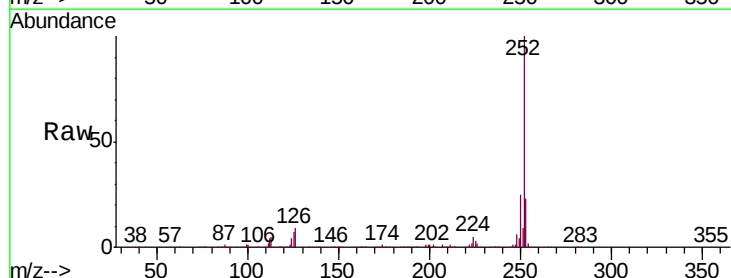
Tgt Ion:252 Resp: 1085053

Ion Ratio Lower Upper

252 100

253 22.6 18.9 28.3

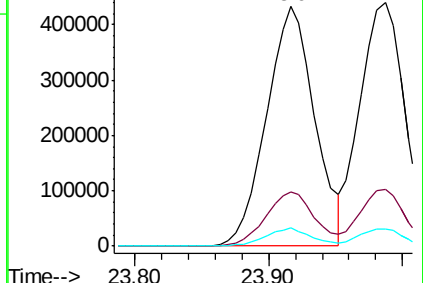
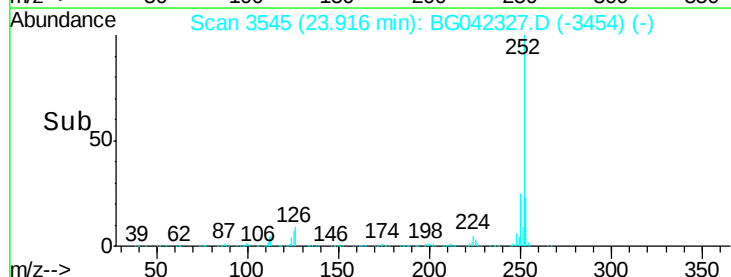
125 7.4 5.8 8.6

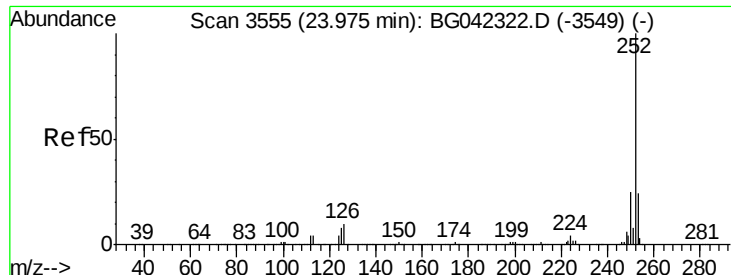


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.986 ng

RT: 23.99 min Scan# 3557

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

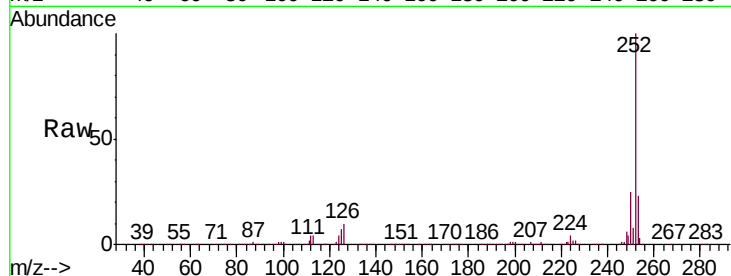
Tgt Ion:252 Resp: 1027395

Ion Ratio Lower Upper

252 100

253 23.5 19.0 28.4

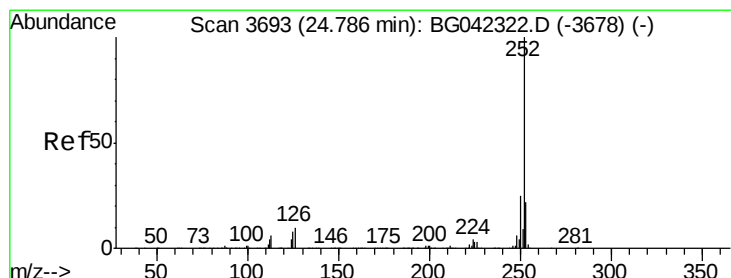
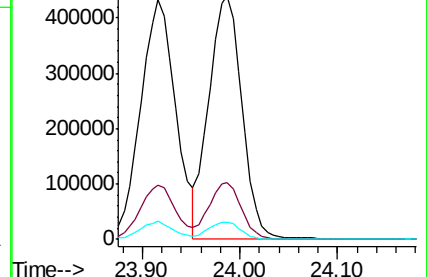
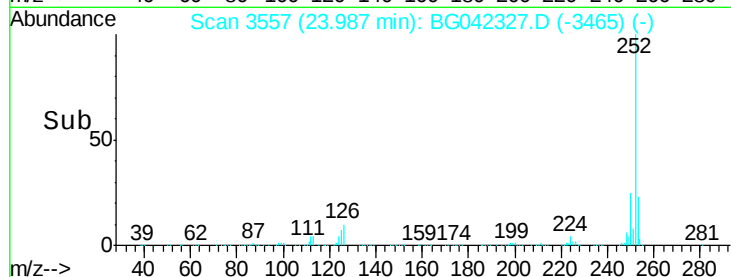
125 7.1 6.0 9.0



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



#90

Benzo(a)pyrene

Concen: 41.818 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

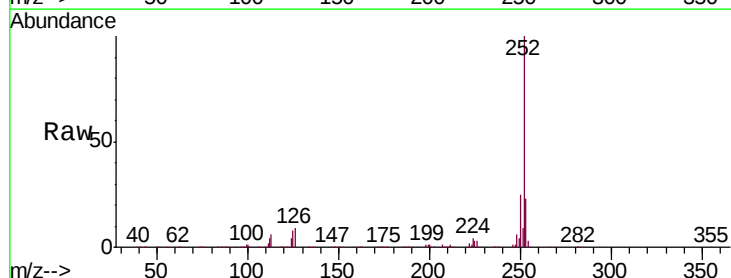
Tgt Ion:252 Resp: 1027549

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

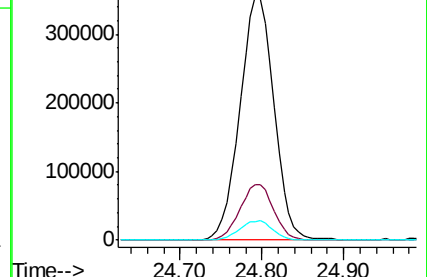
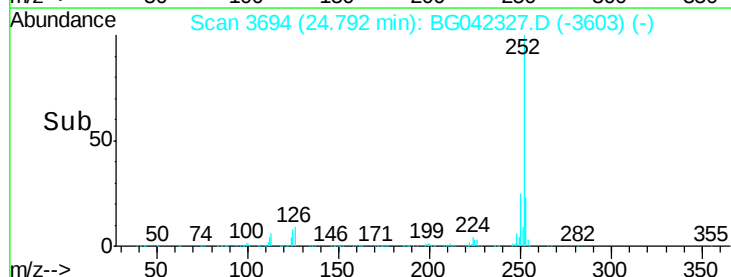
125 7.7 6.7 10.1

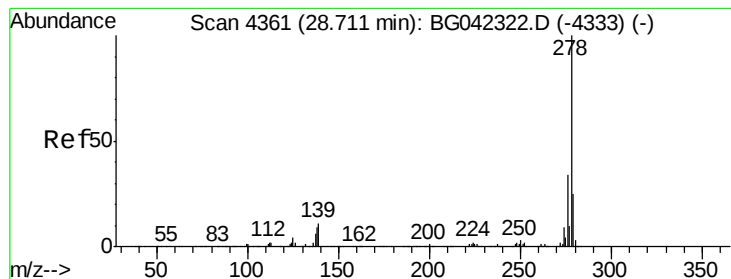


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.455 ng

RT: 28.73 min Scan# 4364

Delta R.T. 0.02 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

Instrument :

BNA_G

ClientSampleId :

ICVBG081919

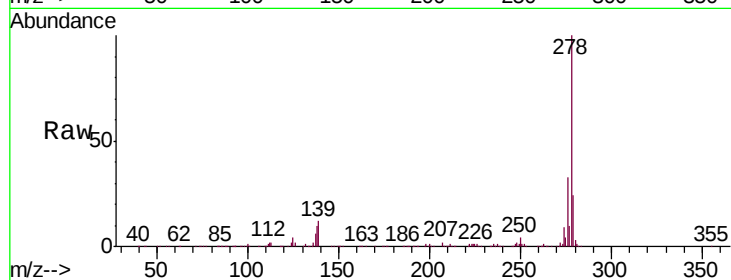
Tgt Ion:278 Resp: 1016211

Ion Ratio Lower Upper

278 100

139 11.8 8.5 12.7

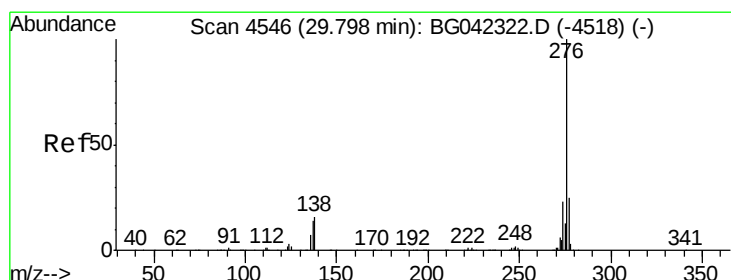
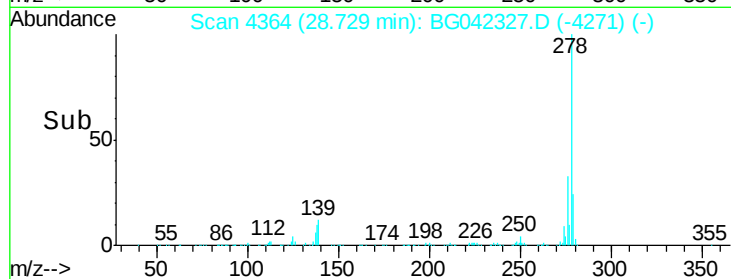
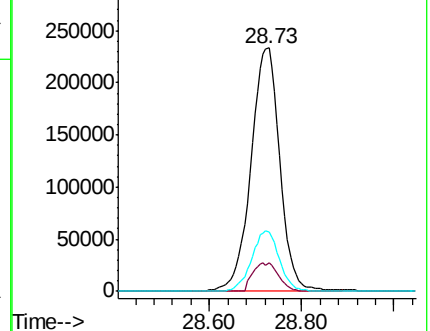
279 24.1 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.540 ng

RT: 29.82 min Scan# 4550

Delta R.T. 0.02 min

Lab File: BG042327.D

Acq: 19 Aug 2019 14:42

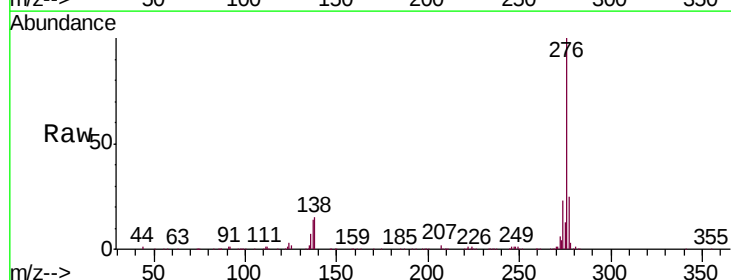
Tgt Ion:276 Resp: 1014720

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 14.6 12.8 19.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

