

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
 Data File : BG041627.D
 Acq On : 11 Jul 2019 20:09
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 04:34:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 04:30:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	75228	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	330238	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	206802	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	481105	20.00	ng	0.00
76) Chrysene-d12	21.67	240	452206	20.00	ng	0.00
87) Perylene-d12	24.87	264	520171	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	463089	113.11	ng	0.00
7) Phenol-d6	7.20	99	613079	103.31	ng	0.00
23) Nitrobenzene-d5	9.22	82	532012	67.75	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	232643	73.28	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1347729	88.58	ng	0.00
79) Terphenyl-d14	20.02	244	1790480	78.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	103678	50.500	ng	# 81
3) Pyridine	3.90	79	282420	51.855	ng	# 86
4) n-Nitrosodimethylamine	3.82	42	134452	46.292	ng	# 75
6) Aniline	7.38	93	414891	50.296	ng	99
8) 2-Chlorophenol	7.62	128	252198	52.424	ng	96
9) Benzaldehyde	7.18	77	159968	42.143	ng	96
10) Phenol	7.23	94	318066	49.839	ng	81
11) bis(2-Chloroethyl)ether	7.47	93	258632	53.412	ng	97
12) 1,3-Dichlorobenzene	7.95	146	312085	51.811	ng	# 88
13) 1,4-Dichlorobenzene	8.09	146	308629	50.159	ng	93
14) 1,2-Dichlorobenzene	8.41	146	290236	49.385	ng	96
15) Benzyl Alcohol	8.29	79	246467	43.346	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	553178	69.786	ng	89
17) 2-Methylphenol	8.49	107	225079	49.332	ng	# 87
18) Hexachloroethane	9.15	117	114424	46.929	ng	89
19) n-Nitroso-di-n-propylamine	8.86	70	221939	46.238	ng	# 93
20) 3+4-Methylphenols	8.82	107	307777	50.673	ng	89
22) Acetophenone	8.88	105	398303	41.447	ng	# 96
24) Nitrobenzene	9.25	77	279711	35.419	ng	# 90
25) Isophorone	9.78	82	581767	40.383	ng	# 93
26) 2-Nitrophenol	9.97	139	122901	38.386	ng	# 76
27) 2,4-Dimethylphenol	10.02	122	232912	48.531	ng	86
28) bis(2-Chloroethoxy)methane	10.26	93	362248	48.260	ng	98
29) 2,4-Dichlorophenol	10.50	162	265749	44.659	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	311138	40.826	ng	96
31) Naphthalene	10.91	128	802192	44.695	ng	99
32) Benzoic acid	10.16	122	173060	55.394	ng	# 82
33) 4-Chloroaniline	11.01	127	381268	50.019	ng	# 89
34) Hexachlorobutadiene	11.21	225	200919	33.213	ng	98
35) Caprolactam	11.78	113	99023	48.337	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	277088	40.313	ng	# 83
37) 2-Methylnaphthalene	12.51	142	607722	45.973	ng	# 93
38) 1-Methylnaphthalene	12.73	142	573107	45.314	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	348499	40.810	ng	98

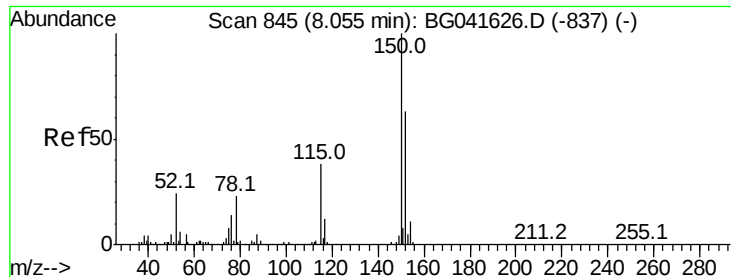
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	213514	37.119	nq	100
43) 2,4,6-Trichlorophenol	13.11	196	226781	42.930	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	231733	42.633	nq	99
46) 1,1'-Biphenyl	13.52	154	769172	49.198	nq	97
47) 2-Chloronaphthalene	13.56	162	637401	47.355	nq	97
48) 2-Nitroaniline	13.75	65	172737	35.041	nq	# 80
49) Acenaphthylene	14.40	152	975366	47.753	nq	96
50) Dimethylphthalate	14.13	163	814512	44.266	nq	98
51) 2,6-Dinitrotoluene	14.24	165	158755	40.918	nq	# 80
52) Acenaphthene	14.74	154	618929	51.604	nq	94
53) 3-Nitroaniline	14.56	138	179862	47.053	nq	# 92
54) 2,4-Dinitrophenol	14.76	184	69414	27.931	nq	# 64
55) Dibenzofuran	15.07	168	931237	44.656	nq	94
56) 4-Nitrophenol	14.86	139	139492	52.524	nq	# 68
57) 2,4-Dinitrotoluene	15.02	165	209265	36.898	nq	# 82
58) Fluorene	15.72	166	757654	46.186	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	220886	39.297	nq	97
60) Diethylphthalate	15.49	149	812592	43.448	nq	97
61) 4-Chlorophenyl-phenylether	15.72	204	427522	40.056	nq	97
62) 4-Nitroaniline	15.73	138	187718	45.916	nq	# 67
63) Azobenzene	16.01	77	716636	42.951	nq	94
65) 4,6-Dinitro-2-methylphenol	15.79	198	98582	31.569	nq	96
66) n-Nitrosodiphenylamine	15.92	169	699055	54.723	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	285723	45.930	nq	94
68) Hexachlorobenzene	16.73	284	284454	42.701	nq	# 94
69) Atrazine	16.87	200	178018	42.726	nq	99
70) Pentachlorophenol	17.06	266	173523	50.871	nq	98
71) Phenanthrene	17.45	178	1209887	47.152	nq	97
72) Anthracene	17.55	178	1213373	47.966	nq	96
73) Carbazole	17.81	167	1108232	50.081	nq	96
74) Di-n-butylphthalate	18.38	149	1366643	49.496	nq	97
75) Fluoranthene	19.46	202	1447058	42.450	nq	91
77) Benzidine	19.63	184	652646	59.669	nq	97
78) Pyrene	19.82	202	1450105	47.549	nq	93
80) Butylbenzylphthalate	20.71	149	633186	54.891	nq	97
81) Benzo(a)anthracene	21.65	228	1437526	46.950	nq	95
82) 3,3'-Dichlorobenzidine	21.56	252	596974	55.542	nq	# 99
83) Chrysene	21.71	228	1387542	47.123	nq	94
84) Bis(2-ethylhexyl)phthalate	21.58	149	897270	57.077	nq	98
85) Di-n-octyl phthalate	22.80	149	1571782	59.097	nq	# 93
86) Indeno(1,2,3-cd)pyrene	28.54	276	1791479	51.281	nq	# 93
88) Benzo(b)fluoranthene	23.86	252	1555878	48.264	nq	# 93
89) Benzo(k)fluoranthene	23.93	252	1498437	46.921	nq	# 96
90) Benzo(a)pyrene	24.73	252	1495004	49.105	nq	# 94
91) Dibenzo(a,h)anthracene	28.62	278	1441330	47.024	nq	# 93
92) Benzo(g,h,i)perylene	29.68	276	1431217	47.250	nq	# 88

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

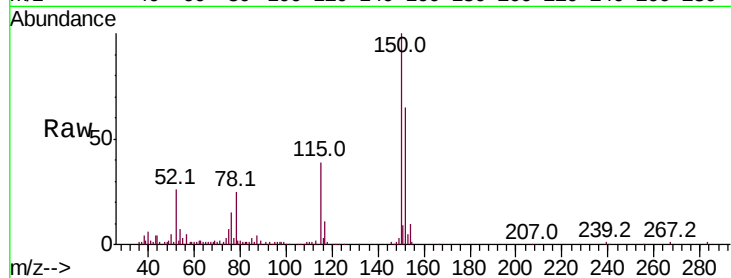


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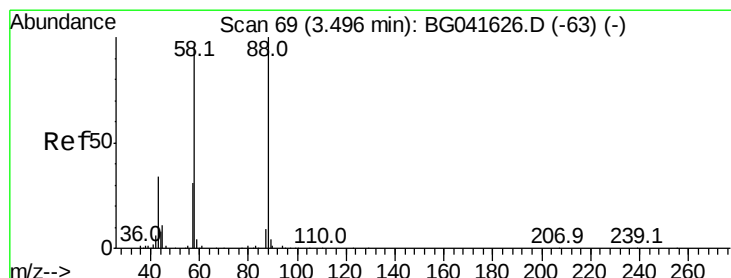
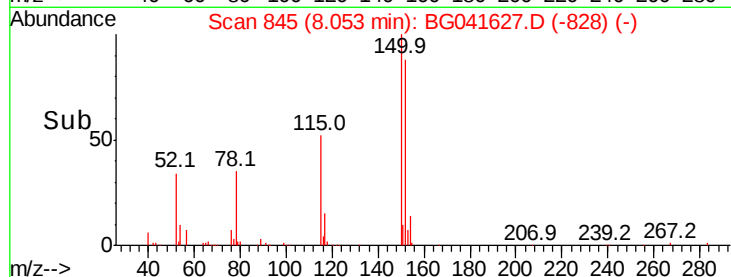
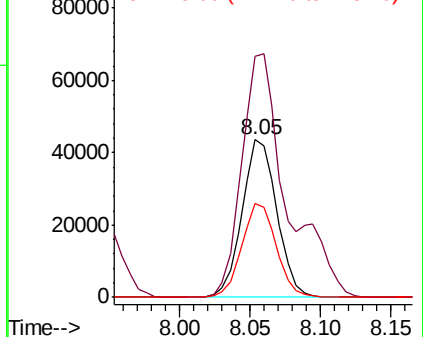
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 75228
Ion Ratio Lower Upper
152 100
150 153.3 120.6 181.0
115 59.3 47.9 71.9



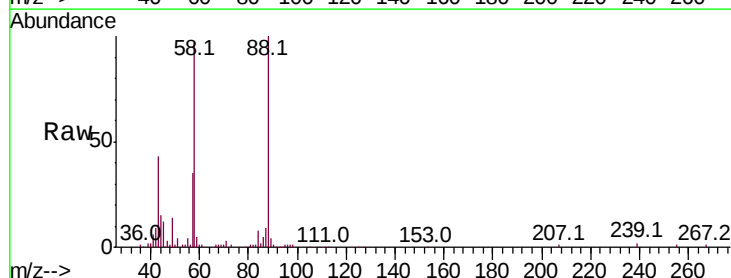
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



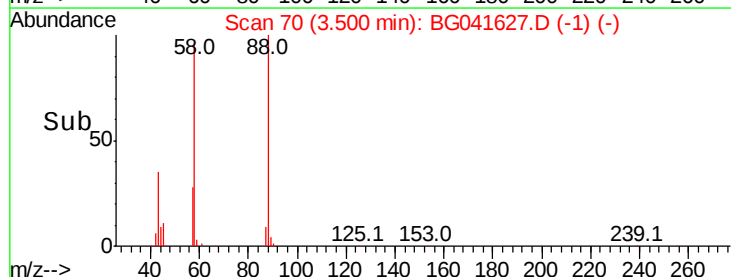
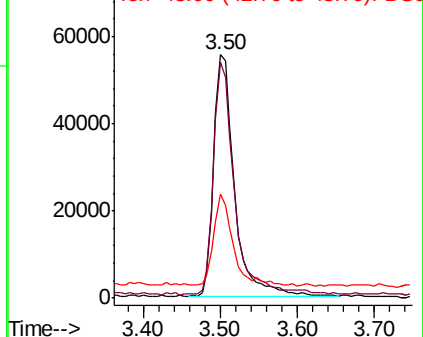
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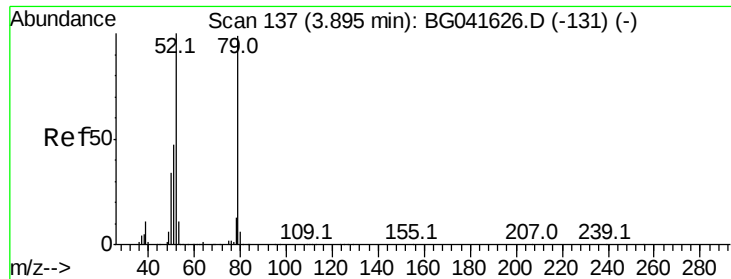
1,4-Dioxane
Concen: 50.500 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion: 88 Resp: 103678
Ion Ratio Lower Upper
88 100
58 95.4 59.7 89.5#
43 35.3 31.9 47.9



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





#3

Pvridine

Concen: 51.855 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

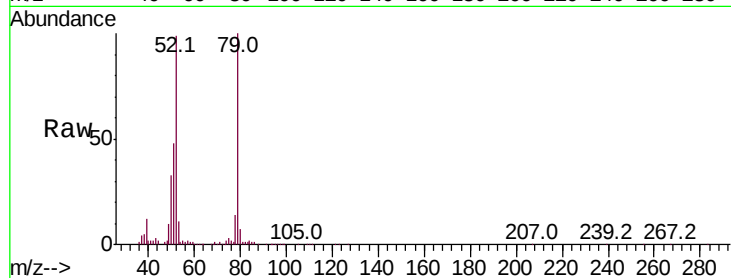
Tot Ion: 79 Resp: 282420

Ion Ratio Lower Upper

79 100

52 98.6 63.6 95.4#

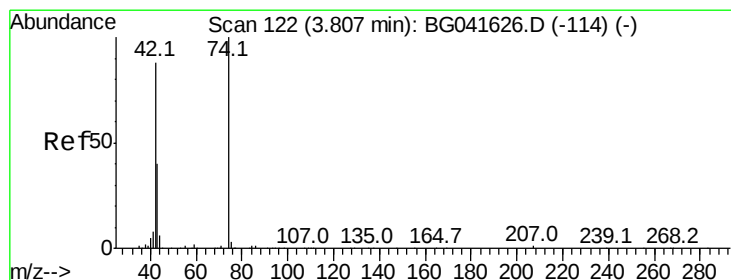
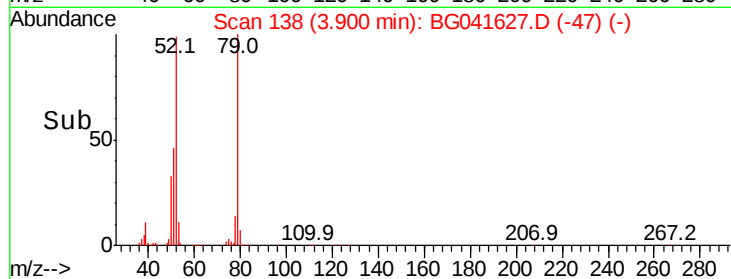
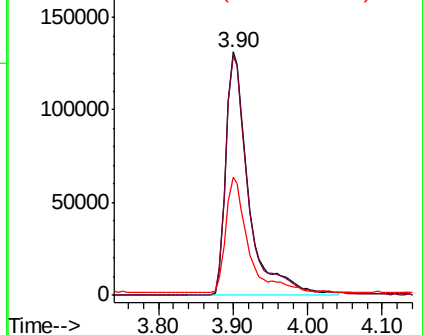
51 48.5 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 46.292 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

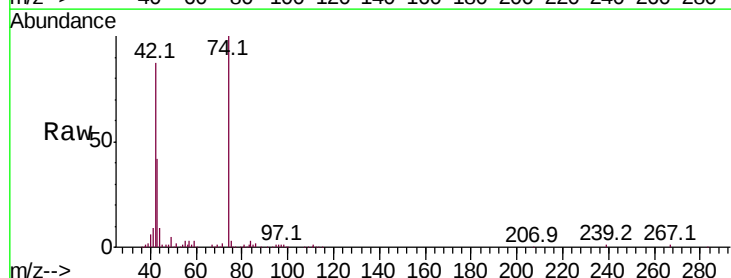
Tgt Ion: 42 Resp: 134452

Ion Ratio Lower Upper

42 100

74 115.4 71.6 107.4#

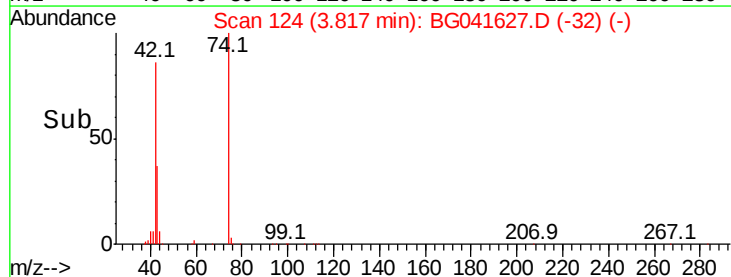
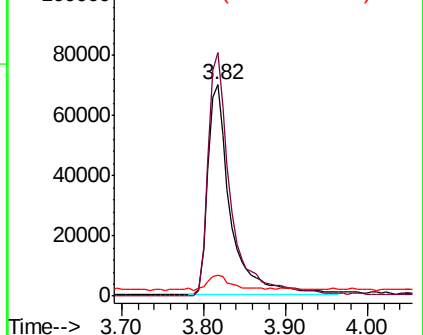
44 10.1 9.0 13.4

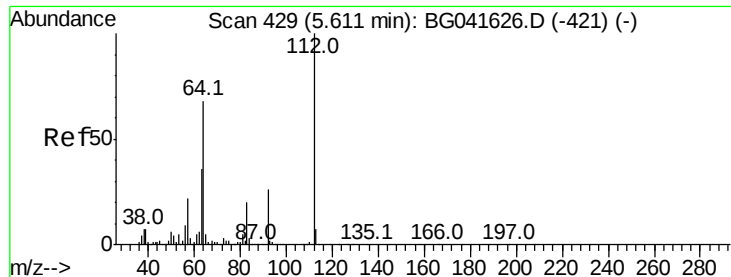


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 113.108 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

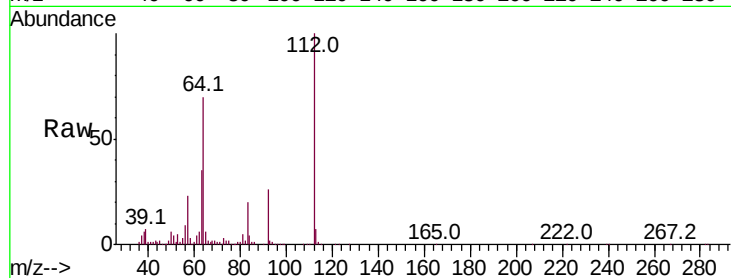
Tot Ion:112 Resp: 463089

Ion Ratio Lower Upper

112 100

64 69.5 55.9 83.9

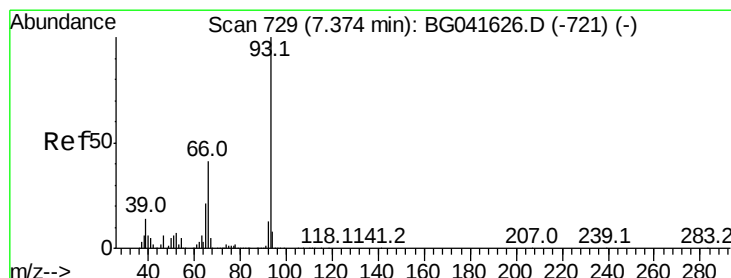
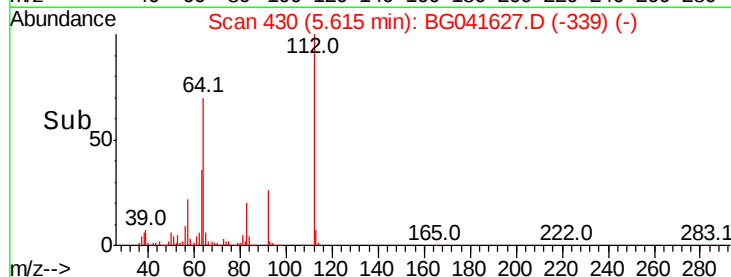
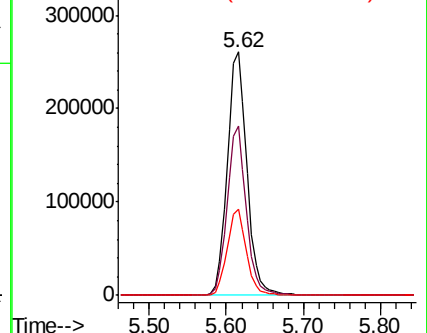
63 35.5 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 50.296 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

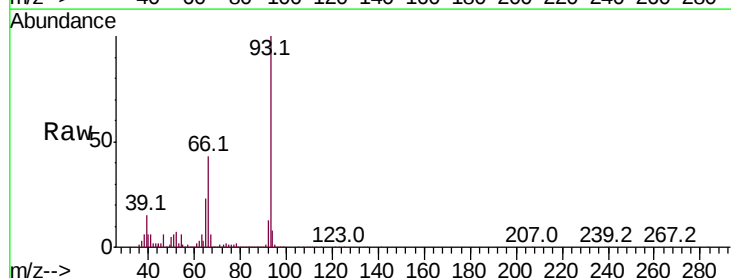
Tgt Ion: 93 Resp: 414891

Ion Ratio Lower Upper

93 100

66 42.9 34.2 51.2

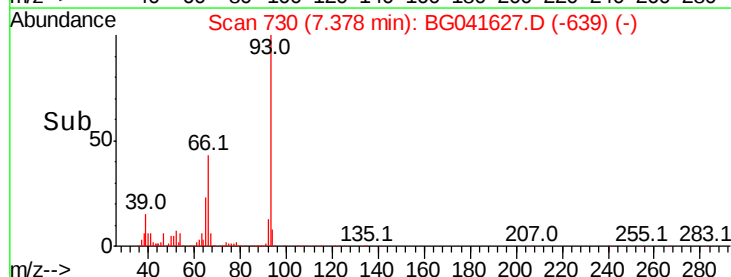
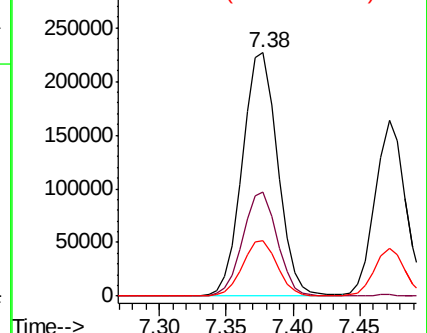
65 22.6 17.7 26.5

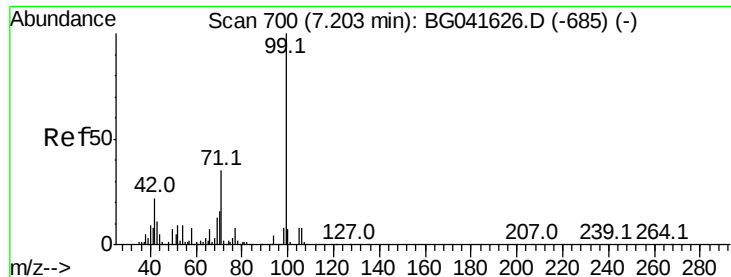


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.305 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

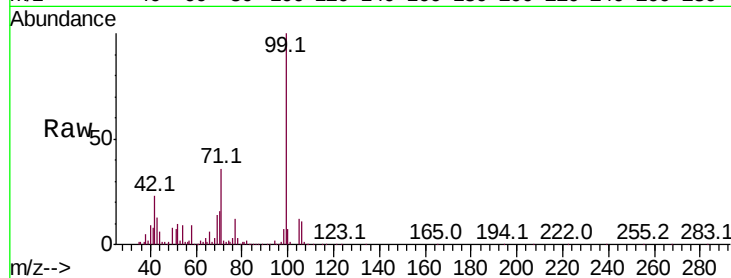
Tot Ion: 99 Resp: 613079

Ion Ratio Lower Upper

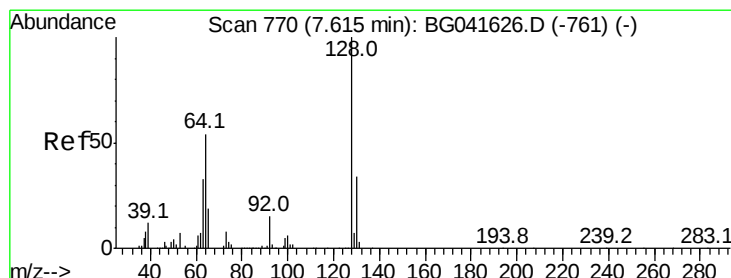
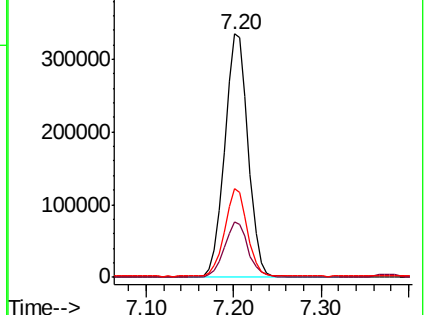
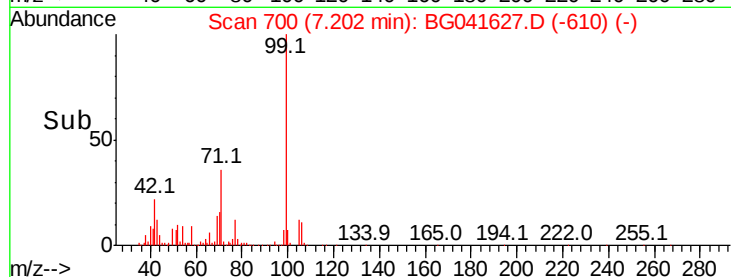
99 100

42 22.6 19.9 29.9

71 36.4 36.4 54.6



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



#8

2-Chlorophenol

Concen: 52.424 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

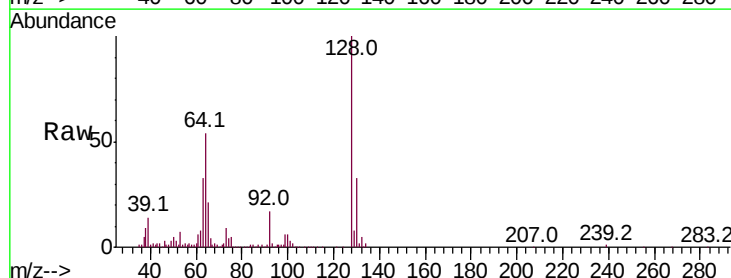
Tgt Ion: 128 Resp: 252198

Ion Ratio Lower Upper

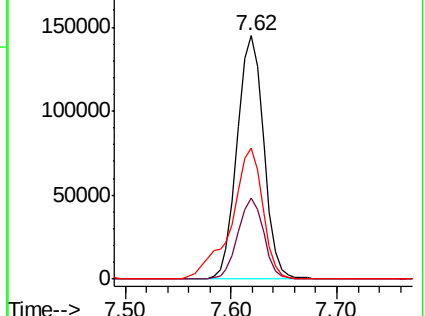
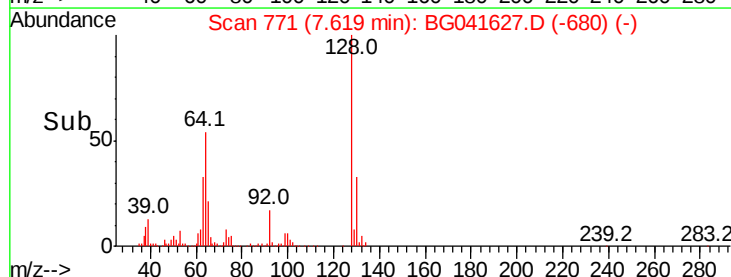
128 100

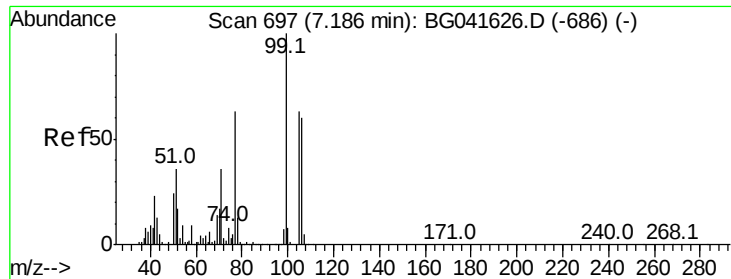
130 33.4 11.1 51.1

64 53.8 36.6 76.6



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





#9

Benzaldehyde

Concen: 42.143 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

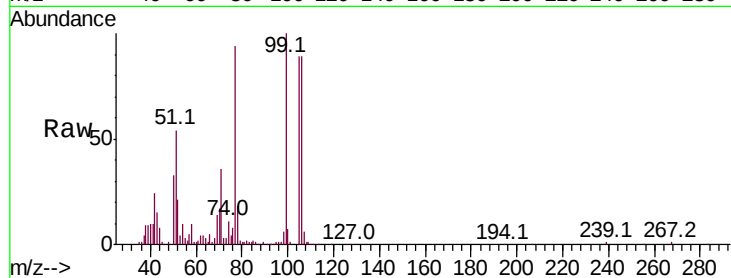
Tot Ion: 77 Resp: 159968

Ion Ratio Lower Upper

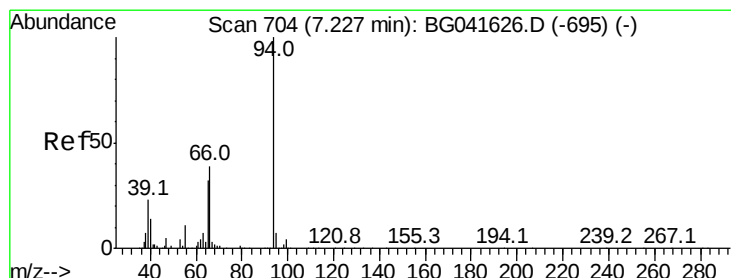
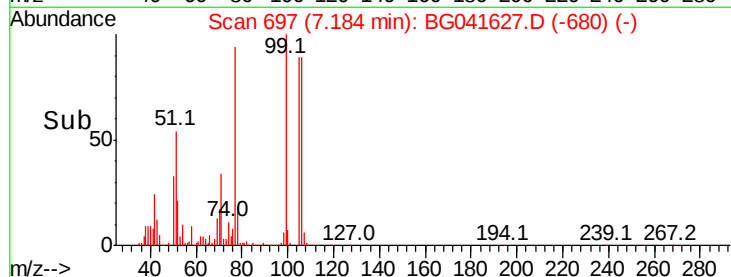
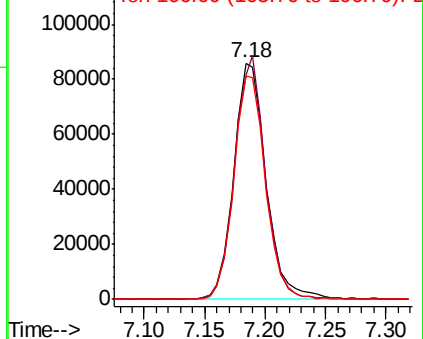
77 100

105 94.8 78.7 118.7

106 94.3 71.1 111.1



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



#10

Phenol

Concen: 49.839 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

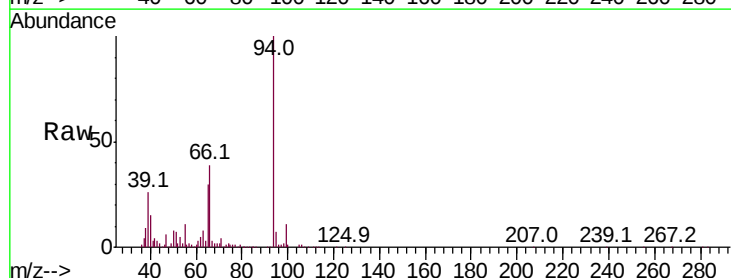
Tgt Ion: 94 Resp: 318066

Ion Ratio Lower Upper

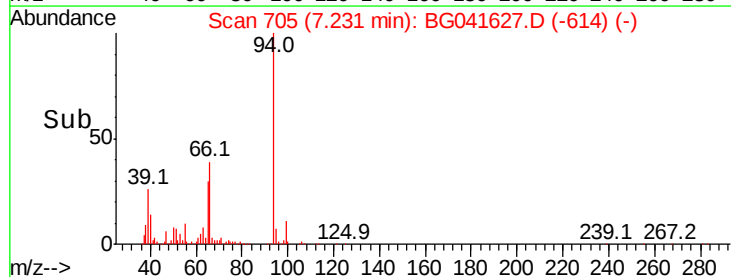
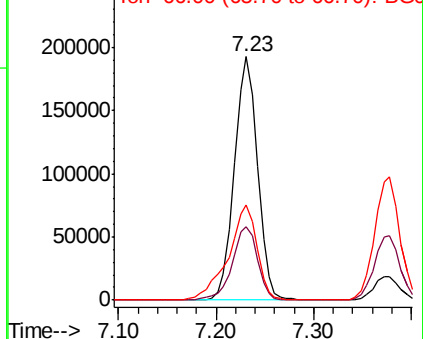
94 100

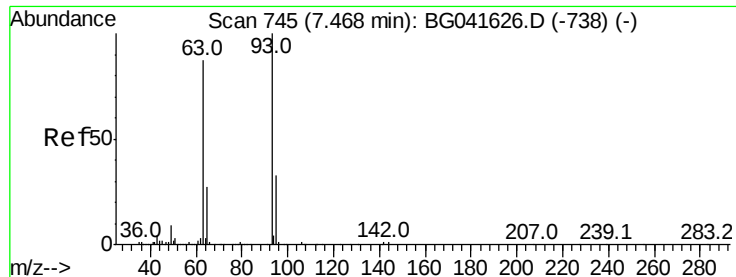
65 30.1 18.7 58.7

66 39.0 35.5 75.5



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

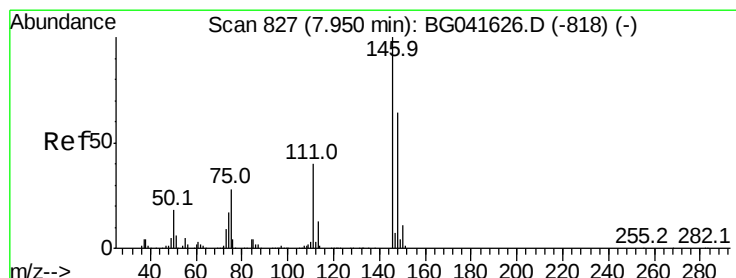
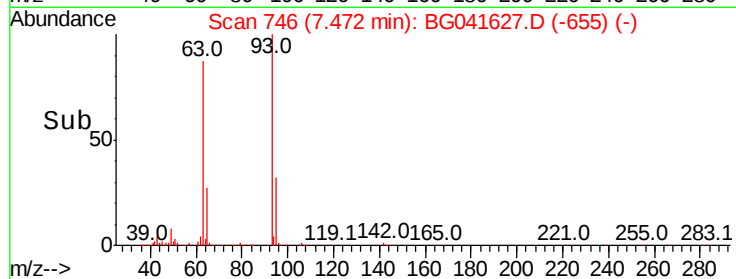
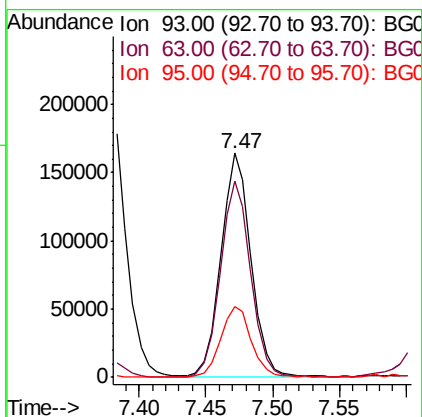
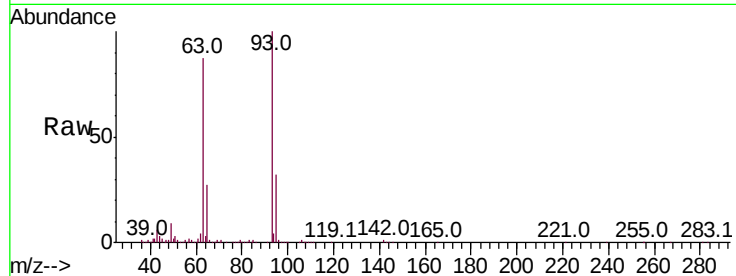




#11
bis(2-Chloroethyl)ether
Concen: 53.412 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

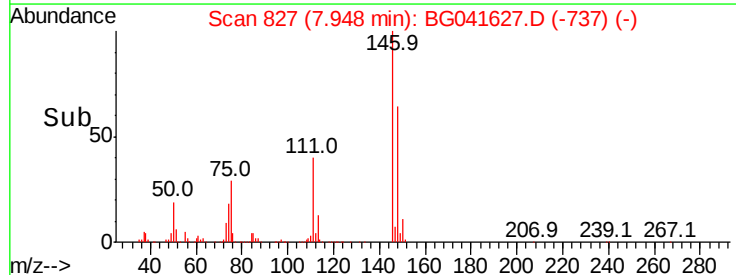
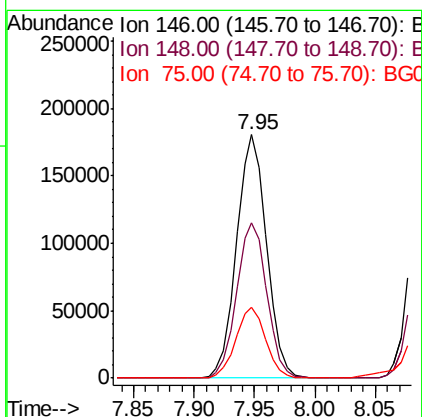
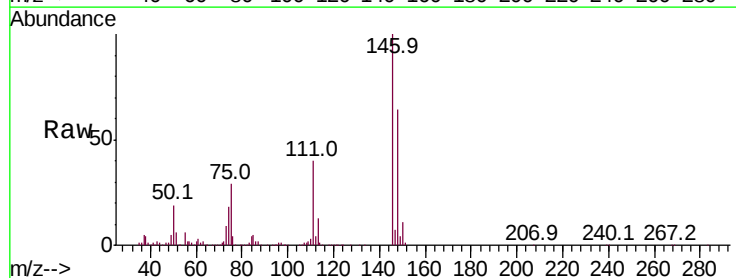
Instrument :
BNA_G
ClientSampleId :

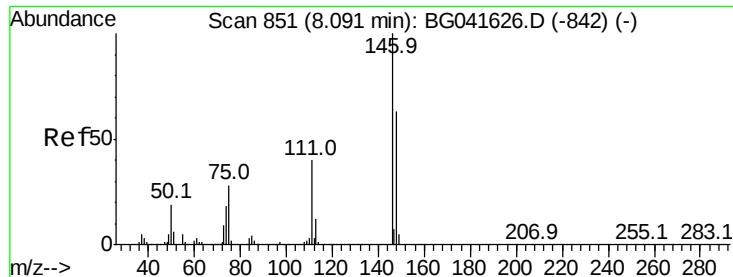
Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	63.6	103.6
95	31.9	11.2	51.2



#12
1,3-Dichlorobenzene
Concen: 51.811 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	46.5	69.7
75	29.3	32.2	48.4#





#13

1,4-Dichlorobenzene

Concen: 50.159 ng

RT: 8.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

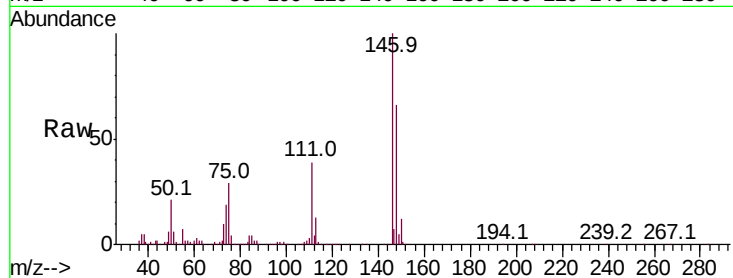
Tot Ion:146 Resp: 308629

Ion Ratio Lower Upper

146 100

148 65.7 47.3 70.9

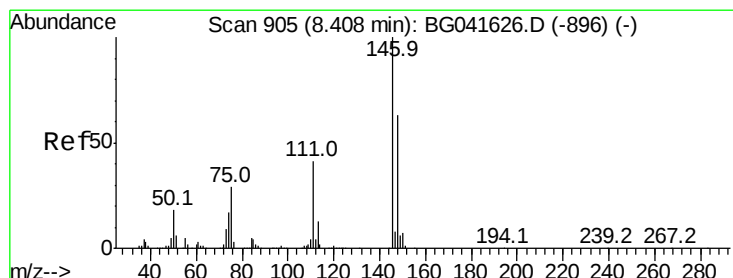
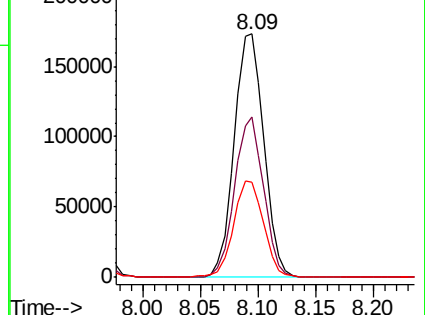
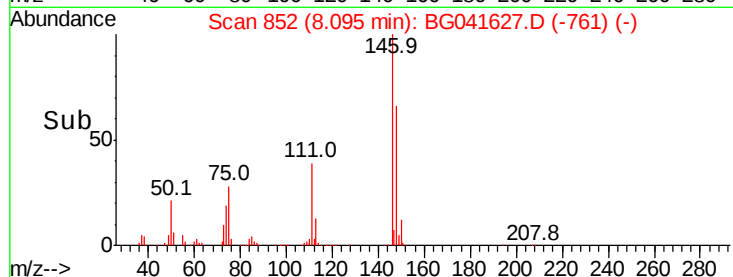
111 39.1 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.385 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

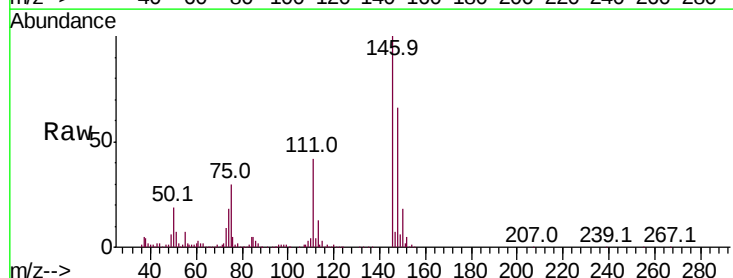
Tgt Ion:146 Resp: 290236

Ion Ratio Lower Upper

146 100

148 66.4 54.9 82.3

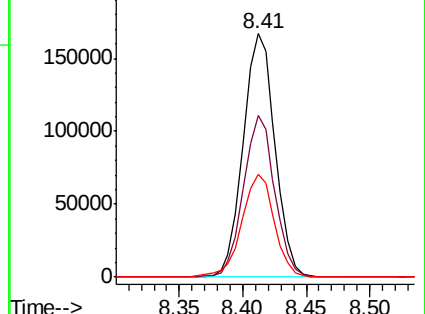
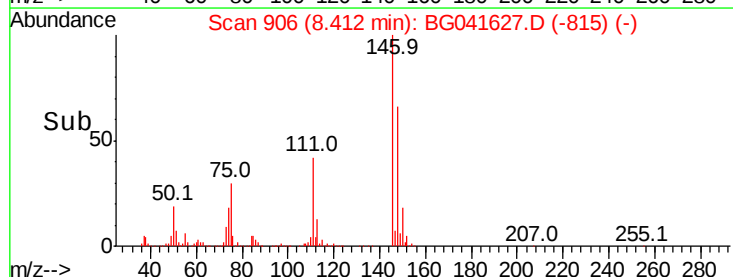
111 42.1 37.0 55.6

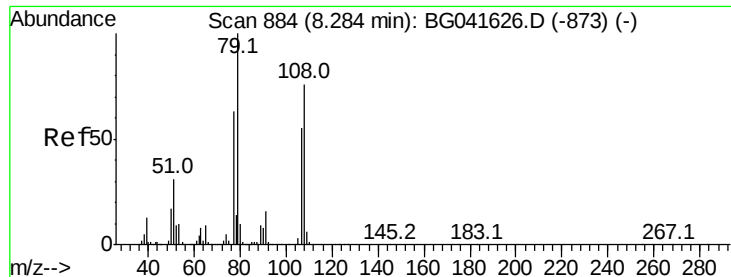


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.346 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

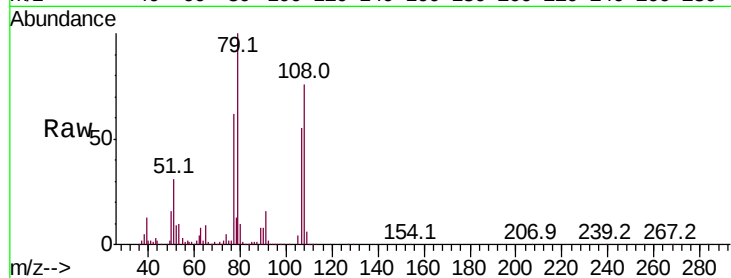
Tot Ion: 79 Resp: 246467

Ion Ratio Lower Upper

79 100

108 75.6 52.7 79.1

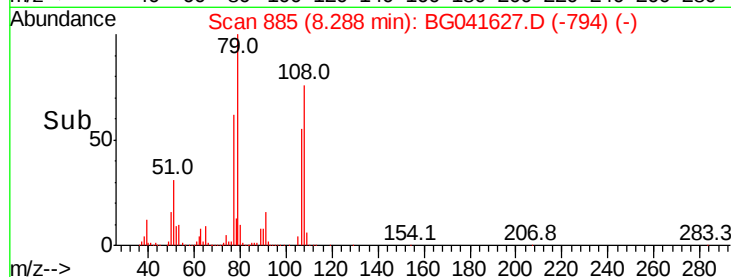
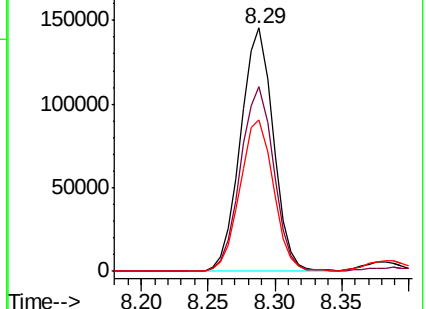
77 62.5 55.2 82.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 69.786 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

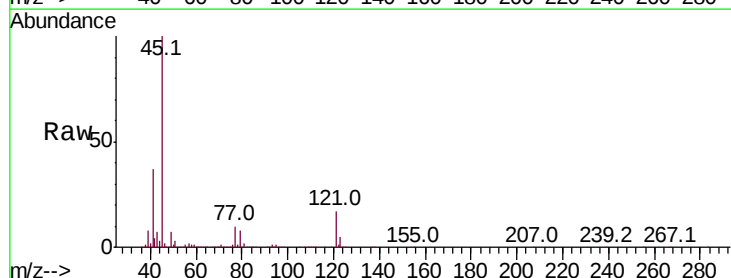
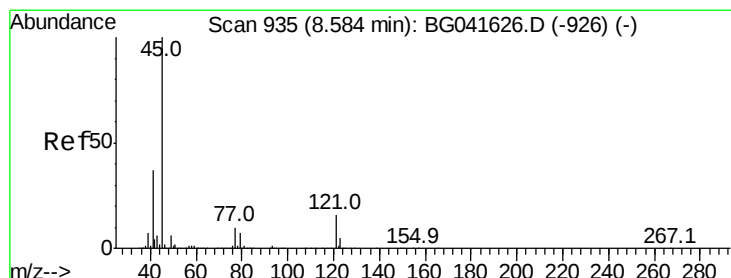
Tgt Ion: 45 Resp: 553178

Ion Ratio Lower Upper

45 100

77 10.1 0.0 35.2

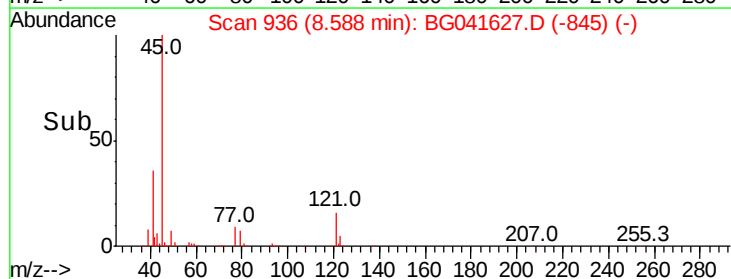
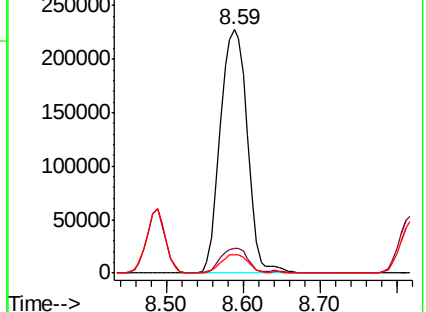
79 7.7 0.0 31.6

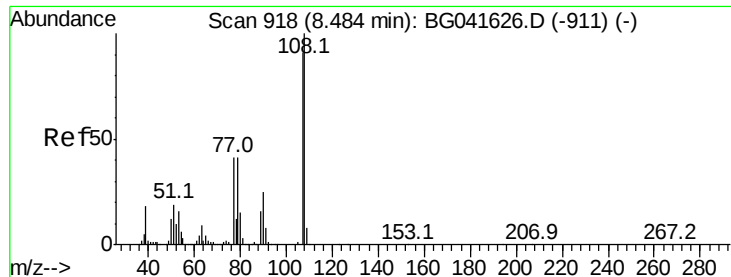


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

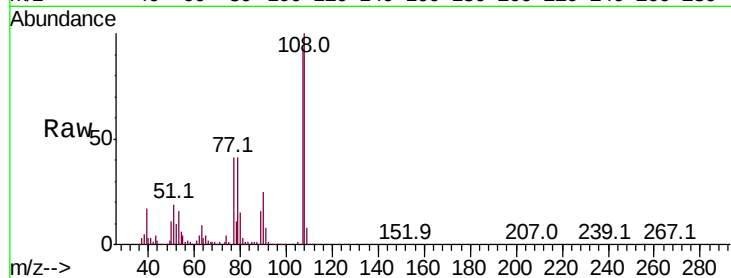




#17
2-Methylphenol
Concen: 49.332 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	91.7	137.5
77	44.5	47.8	71.8#
79	44.5	46.8	70.2#



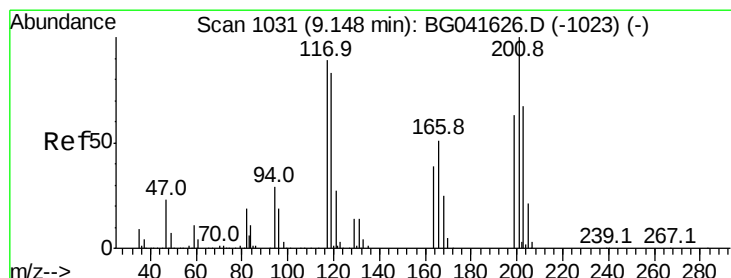
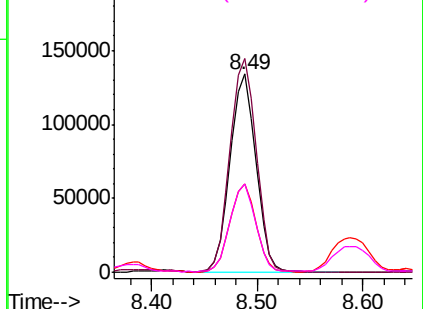
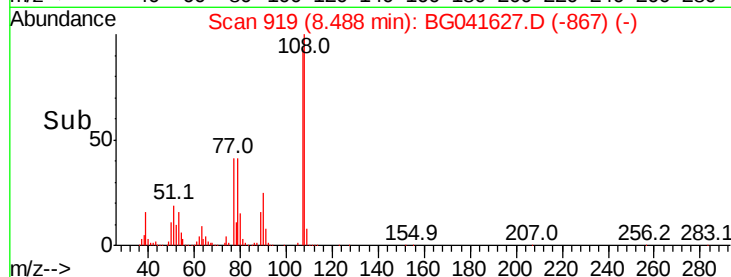
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

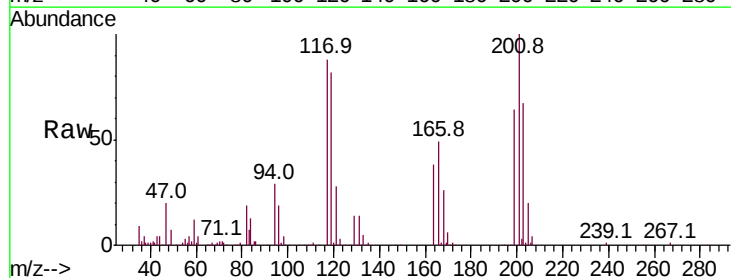
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 46.929 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.8	115.2
201	113.5	106.3	159.5

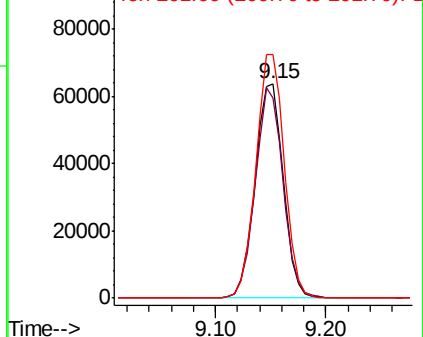
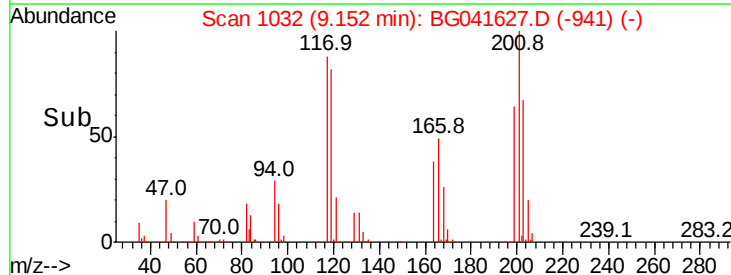


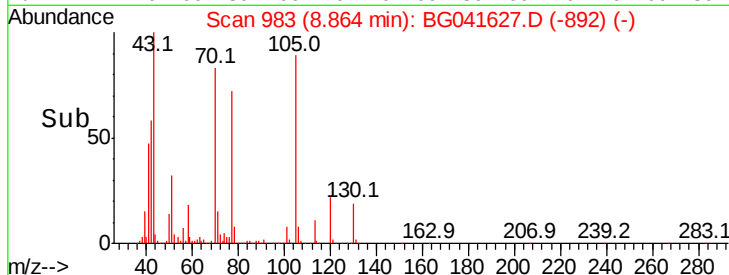
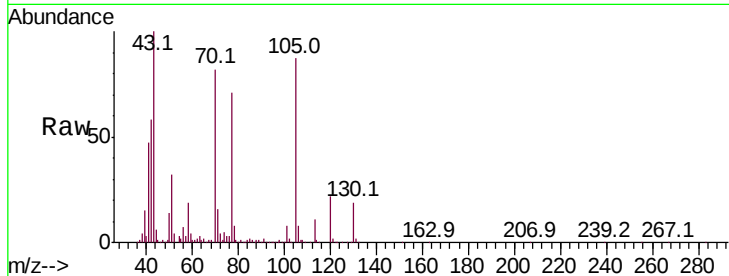
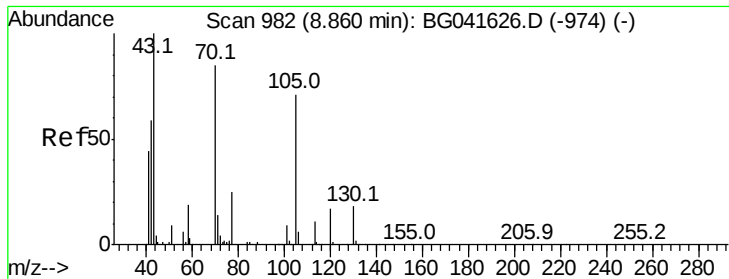
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

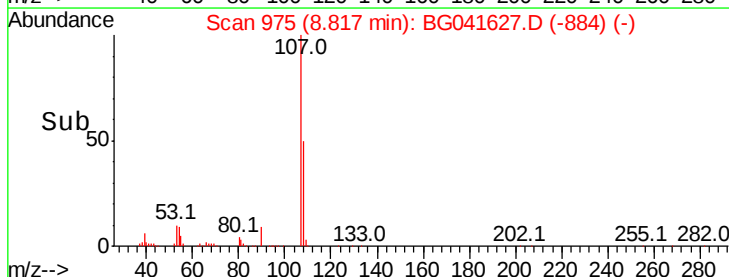
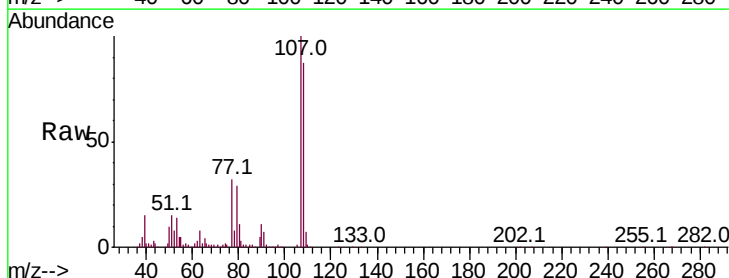
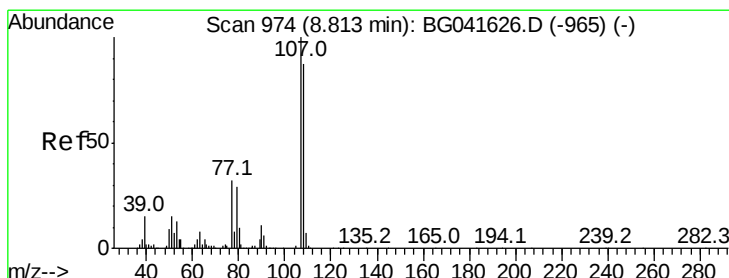
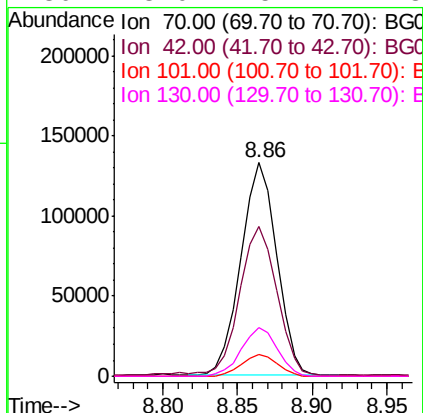




#19
n-Nitroso-di-n-propylamine
Concen: 46.238 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

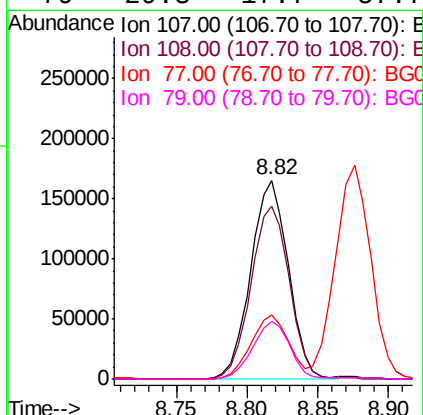
Instrument :
BNA_G
ClientSampleId :

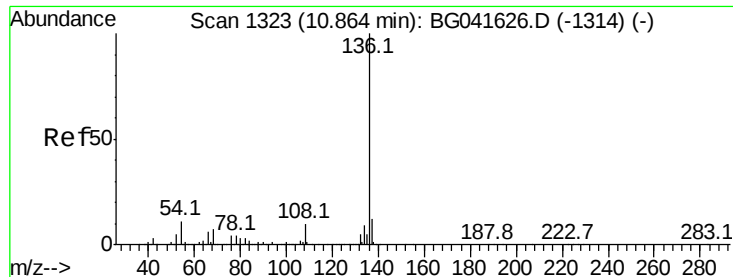
Tot Ion: 70 Resp: 221939
Ion Ratio Lower Upper
70 100
42 70.4 51.4 77.2
101 10.1 8.2 12.2
130 23.0 15.2 22.8#



#20
3+4-Methylphenols
Concen: 50.673 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion: 107 Resp: 307777
Ion Ratio Lower Upper
107 100
108 87.0 60.4 100.4
77 32.2 21.2 61.2
79 29.3 17.7 57.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 330238

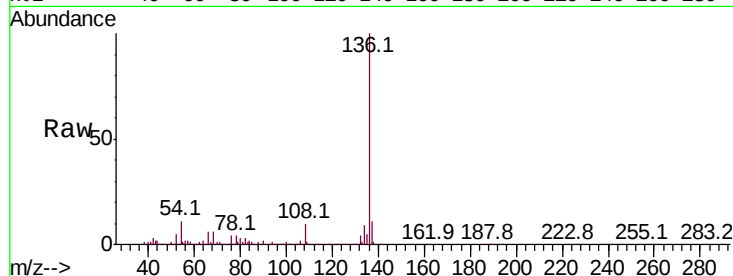
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.3 6.4 9.6#

68 6.4 4.8 7.2

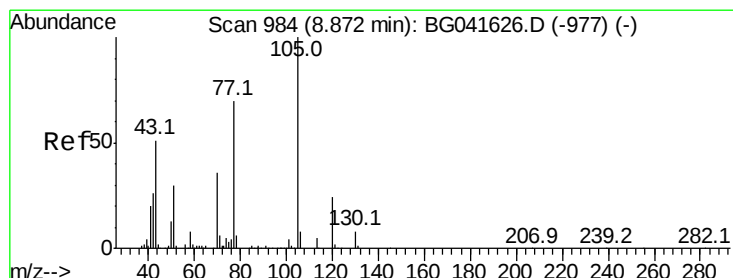
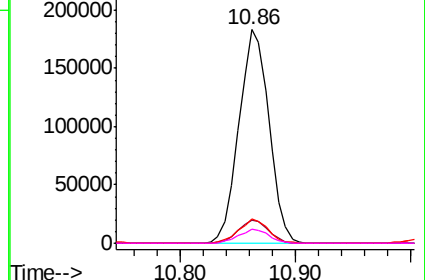
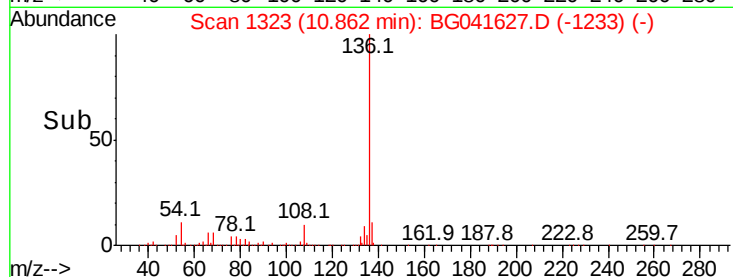


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.447 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Tgt Ion:105 Resp: 398303

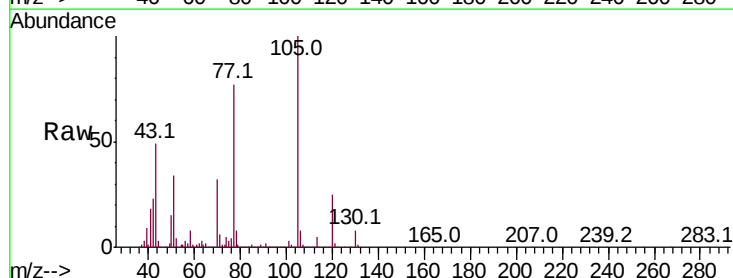
Ion Ratio Lower Upper

105 100

71 6.5 0.4 0.6#

51 34.2 28.2 42.4

120 24.6 17.4 26.0

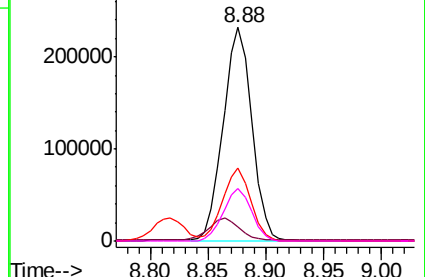
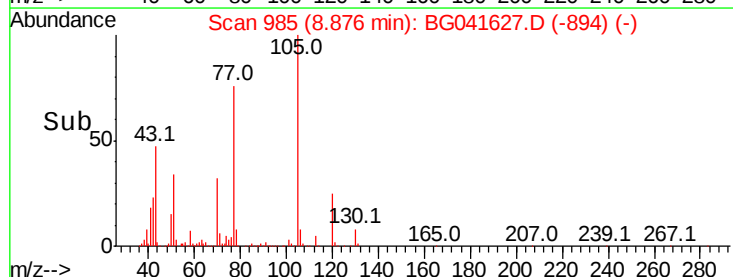


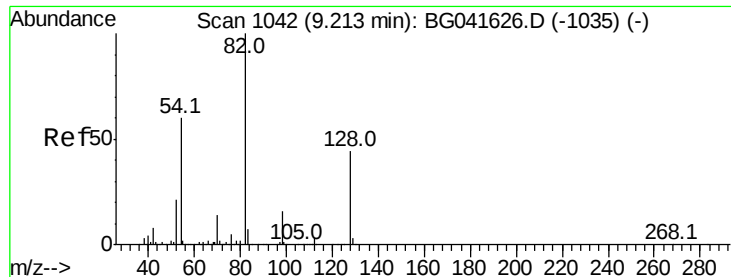
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

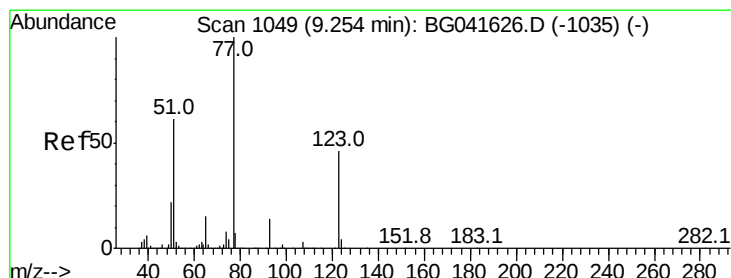
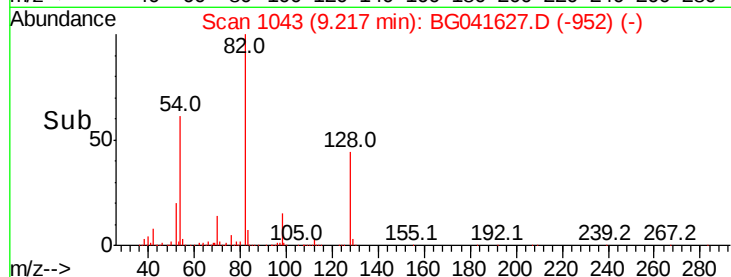
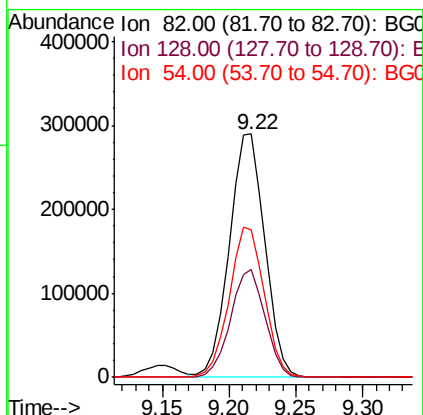
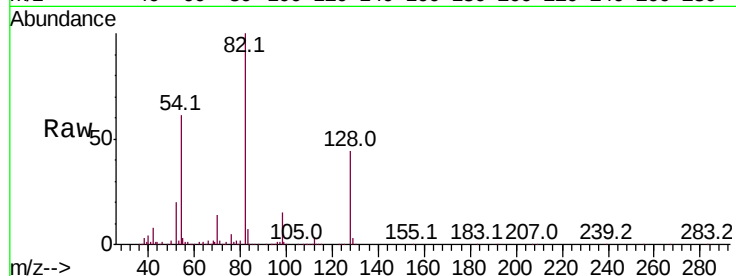




#23
Nitrobenzene-d5
Concen: 67.752 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

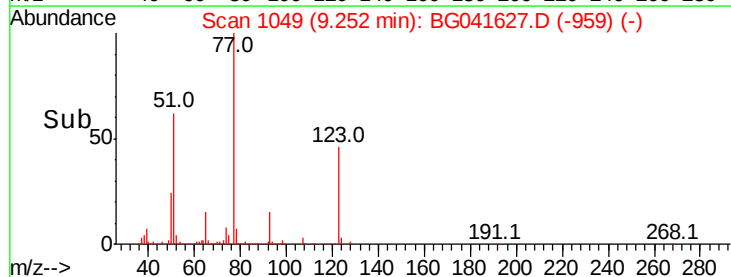
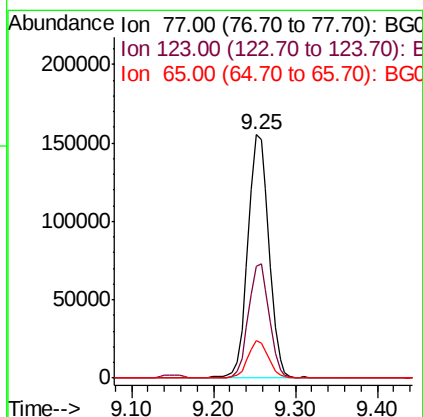
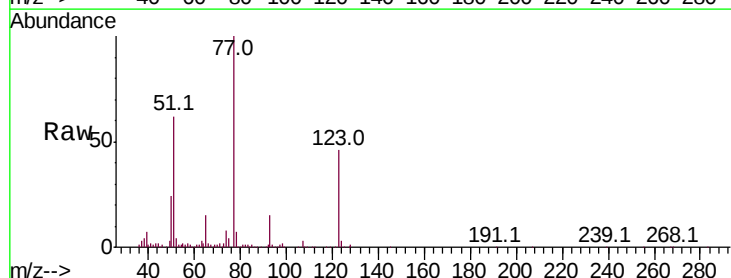
Instrument :
BNA_G
ClientSampleId :

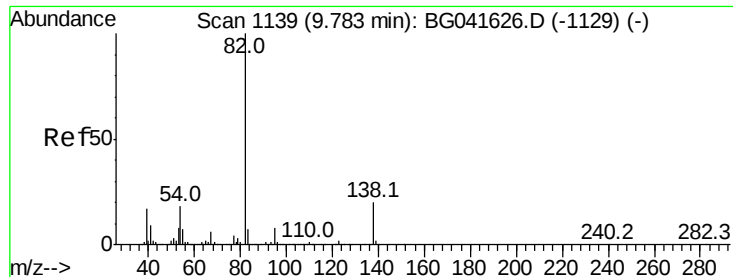
Tot Ion: 82 Resp: 532012
Ion Ratio Lower Upper
82 100
128 44.1 29.2 43.8#
54 60.9 43.4 65.0



#24
Nitrobenzene
Concen: 35.419 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion: 77 Resp: 279711
Ion Ratio Lower Upper
77 100
123 46.0 30.4 45.6#
65 15.2 13.3 19.9





#25

Isophorone

Concen: 40.383 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

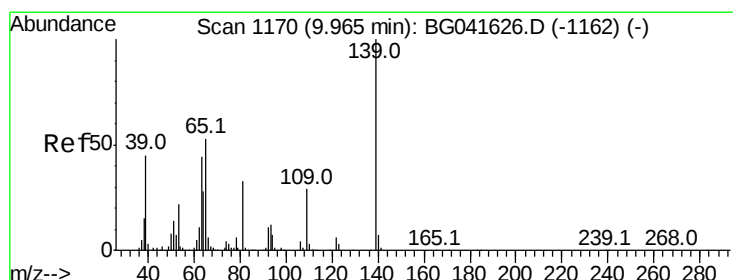
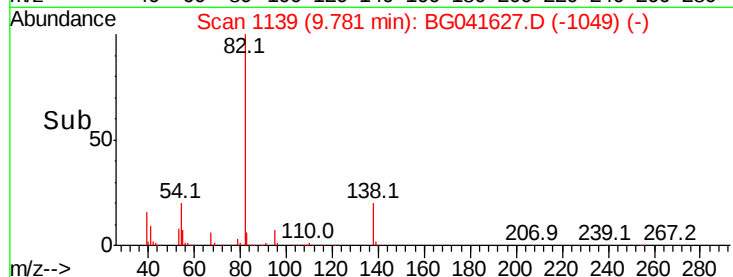
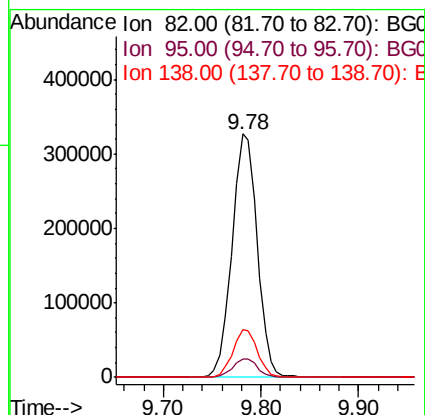
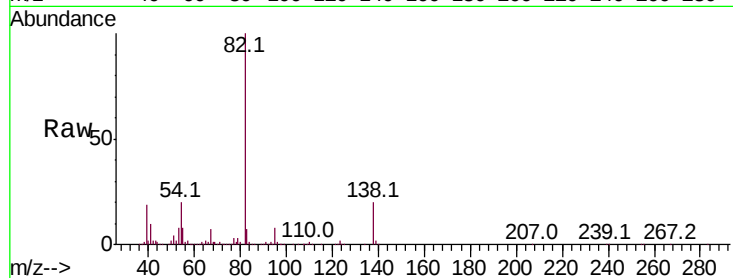
Tot Ion: 82 Resp: 581767

Ion Ratio Lower Upper

82 100

95 7.6 6.6 10.0

138 19.7 12.3 18.5#



#26

2-Nitrophenol

Concen: 38.386 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

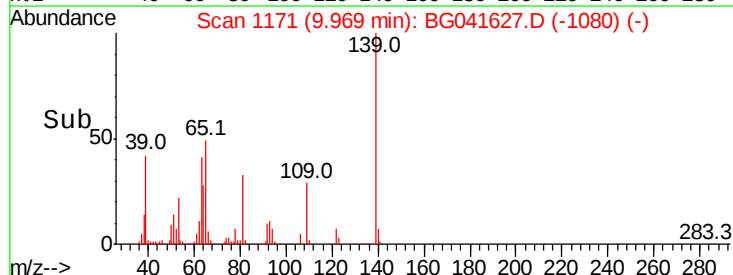
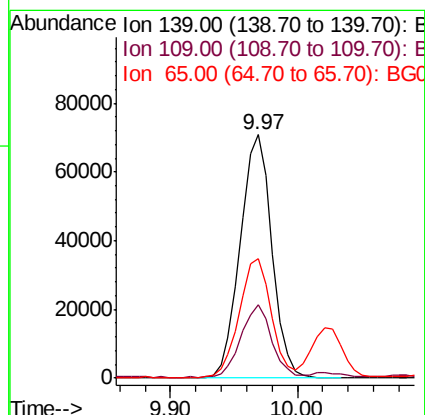
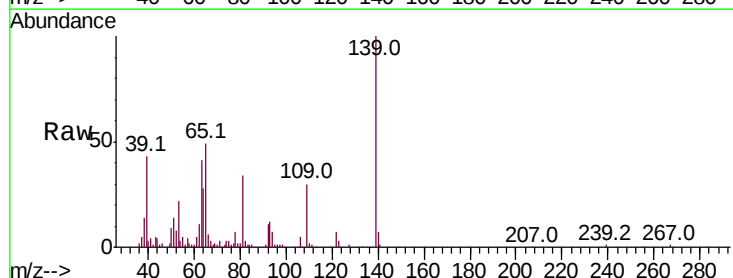
Tgt Ion: 139 Resp: 122901

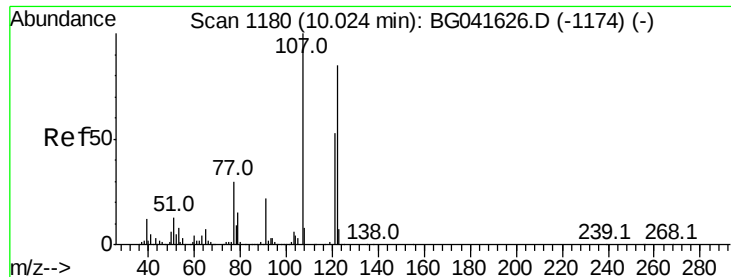
Ion Ratio Lower Upper

139 100

109 29.9 38.4 57.6#

65 48.8 53.6 80.4#





#27

2,4-Dimethylphenol

Concen: 48.531 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

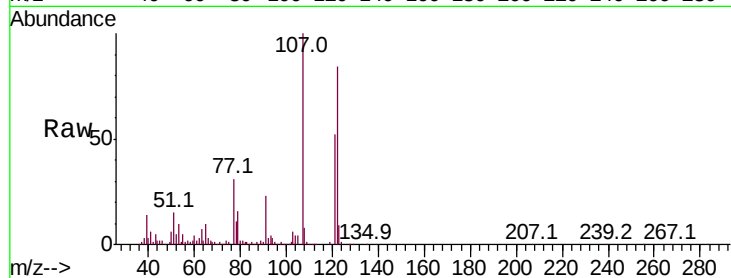
Tot Ion:122 Resp: 232912

Ion Ratio Lower Upper

122 100

107 118.8 115.1 172.7

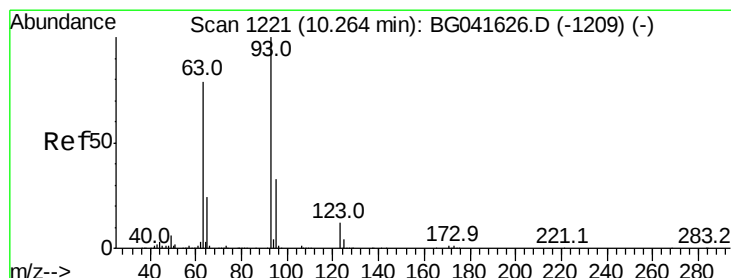
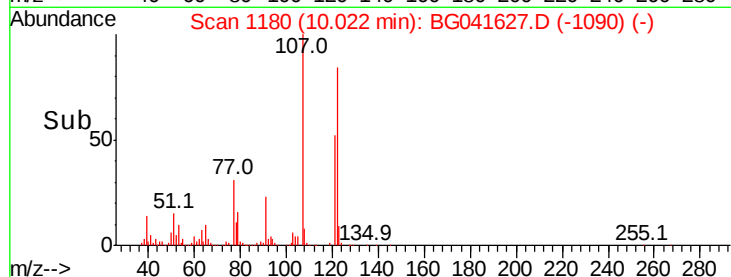
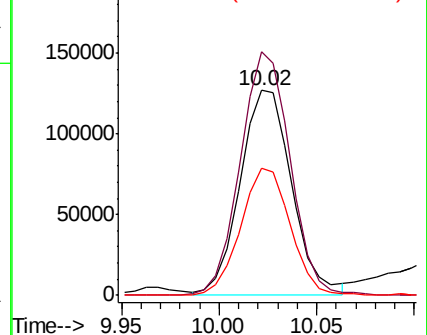
121 61.8 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.260 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

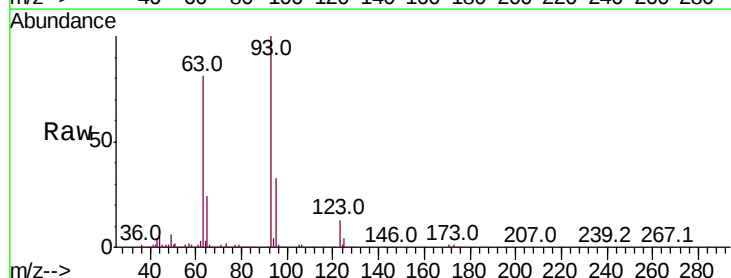
Tgt Ion: 93 Resp: 362248

Ion Ratio Lower Upper

93 100

95 33.2 27.3 40.9

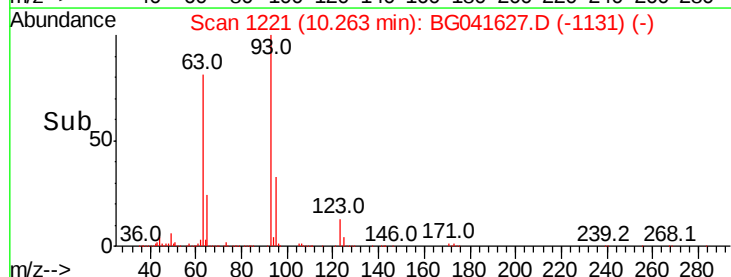
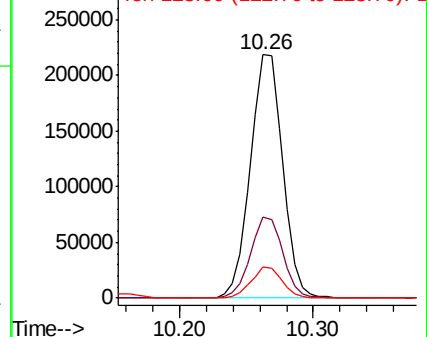
123 12.8 9.6 14.4

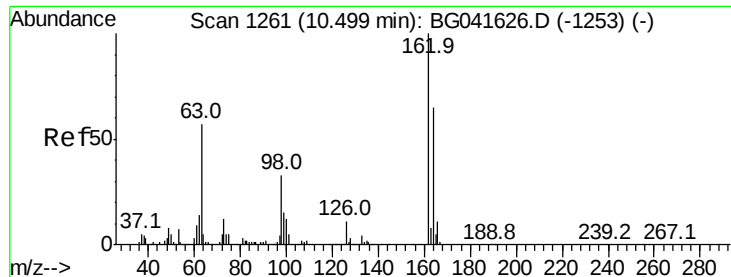


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.659 ng

RT: 10.50 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampled :

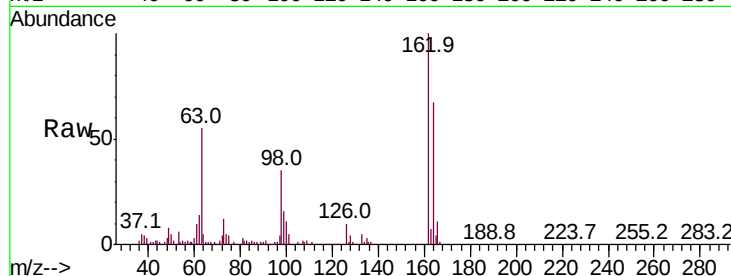
Tot Ion:162 Resp: 265749

Ion Ratio Lower Upper

162 100

164 66.9 46.0 86.0

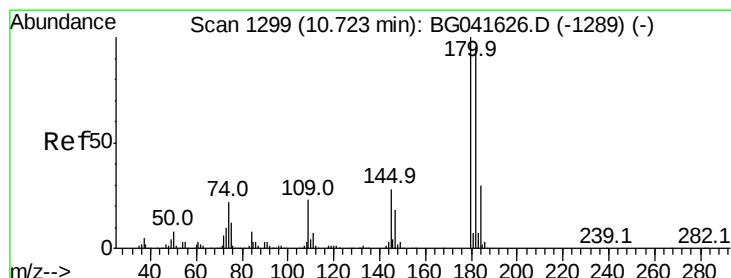
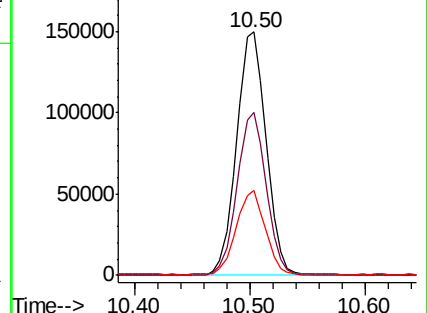
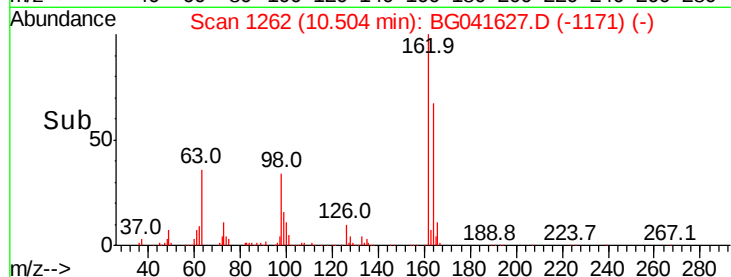
98 34.8 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 40.826 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

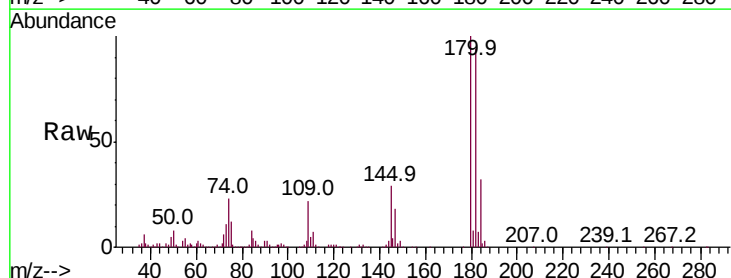
Tgt Ion:180 Resp: 311138

Ion Ratio Lower Upper

180 100

182 94.5 78.6 117.8

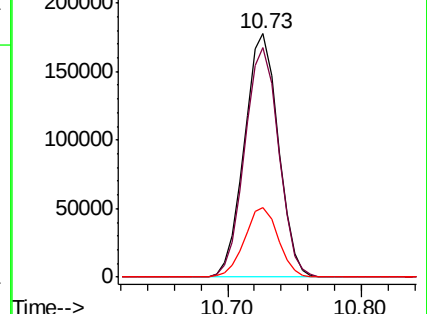
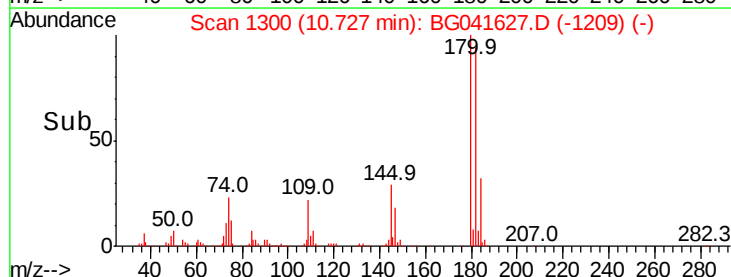
145 28.5 21.7 32.5

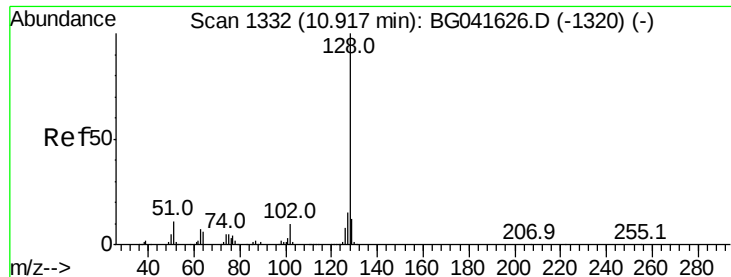


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

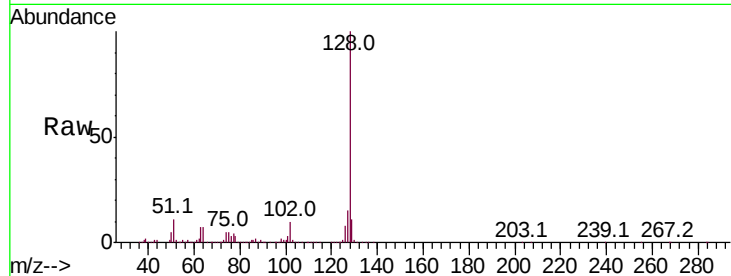




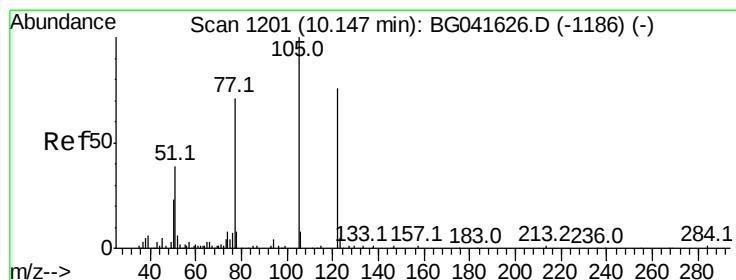
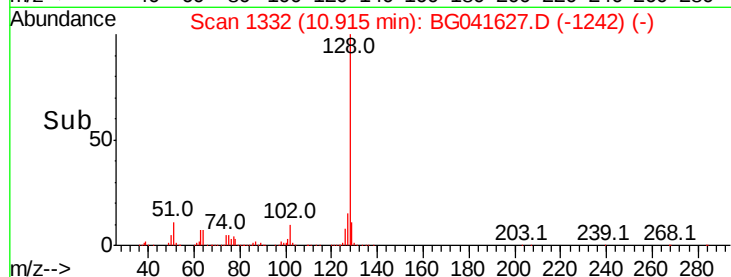
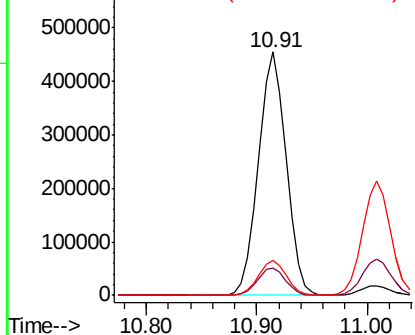
#31
Naphthalene
Concen: 44.695 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 802192
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 14.5 11.2 16.8

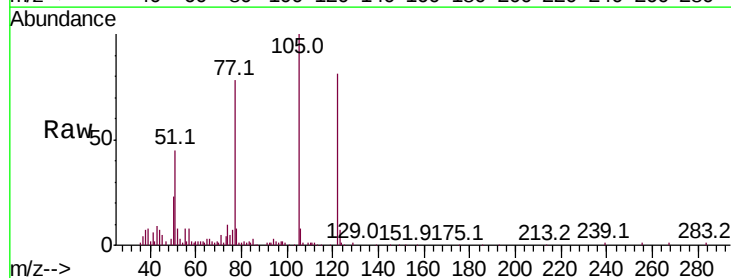


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

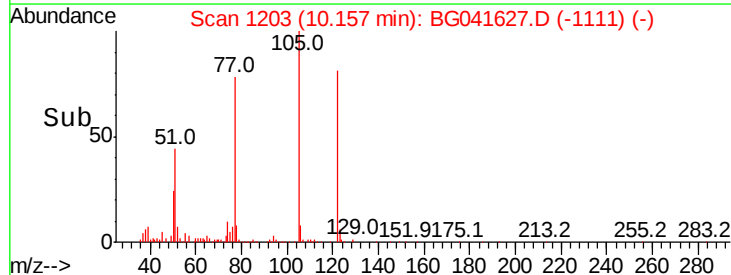
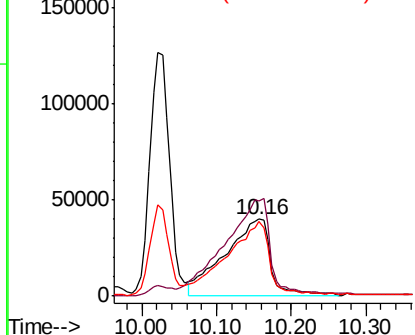


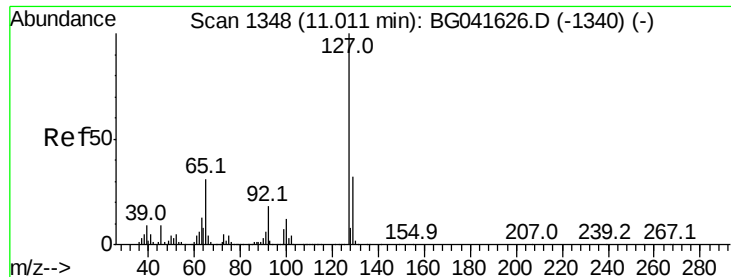
#32
Benzoic acid
Concen: 55.394 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:122 Resp: 173060
Ion Ratio Lower Upper
122 100
105 123.3 124.2 164.2#
77 96.4 97.2 137.2#



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

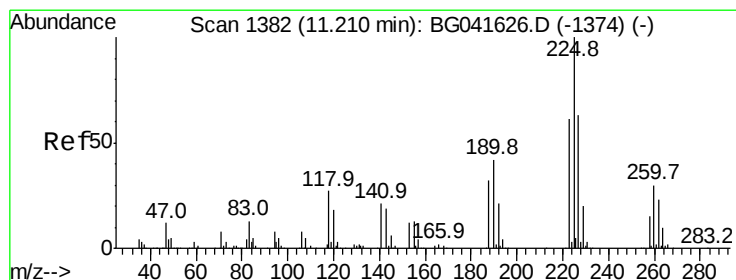
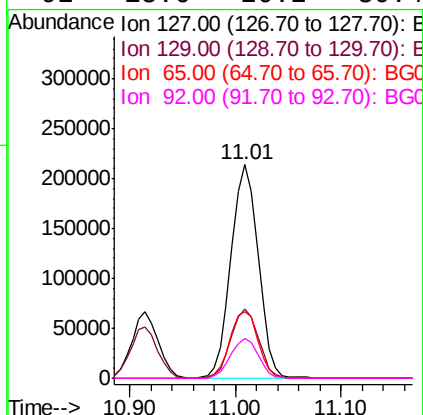
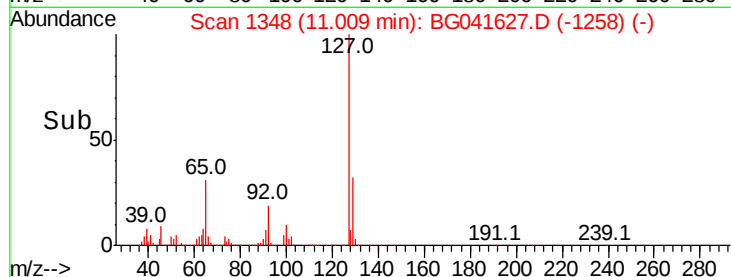
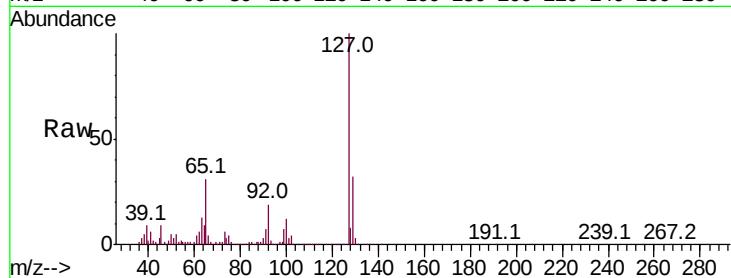




#33
4-Chloroaniline
Concen: 50.019 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

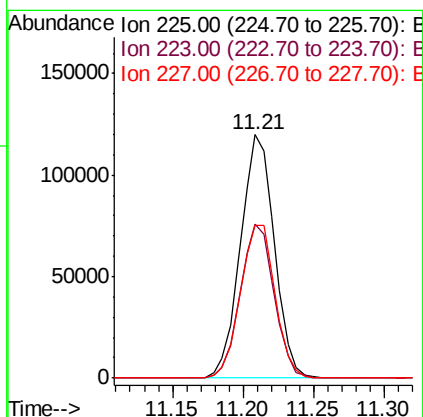
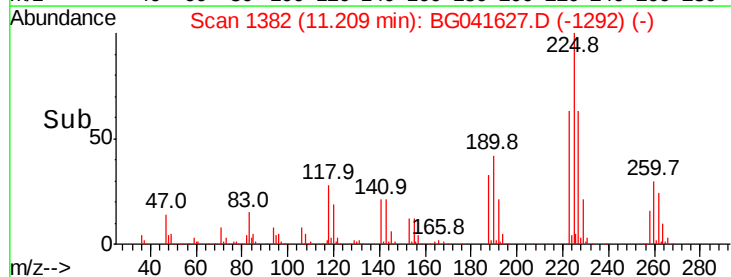
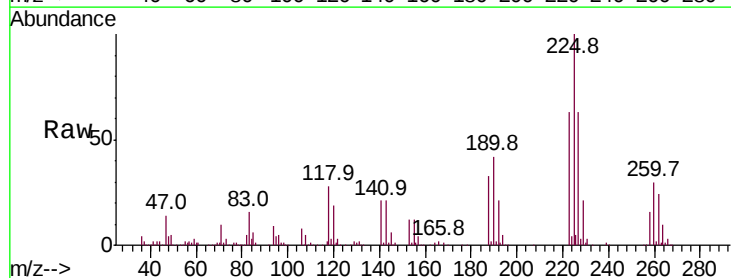
Instrument :
BNA_G
ClientSampleId :

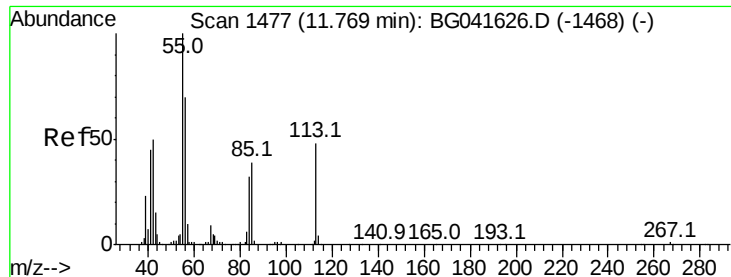
Tot Ion:	127	Resp:	381268
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	31.4	33.8	50.8#
92	18.6	20.2	30.4#



#34
Hexachlorobutadiene
Concen: 33.213 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:	225	Resp:	200919
Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.5	78.7
227	62.9	50.2	75.2





#35

Caprolactam

Concen: 48.337 ng

RT: 11.78 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampled :

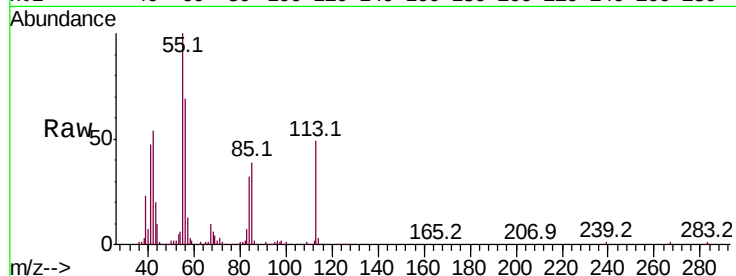
Tot Ion:113 Resp: 99023

Ion Ratio Lower Upper

113 100

55 204.7 182.6 222.6

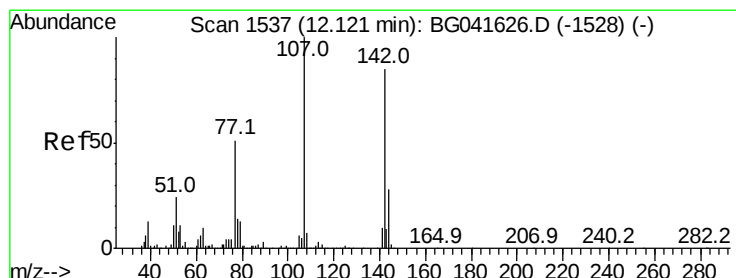
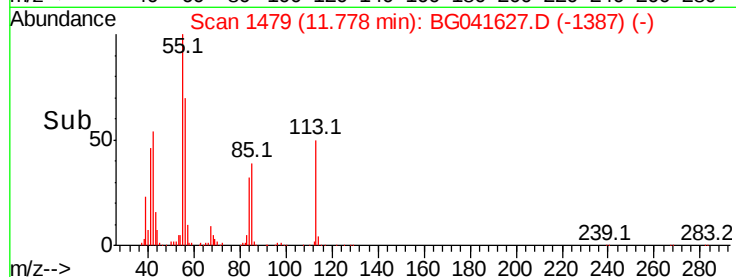
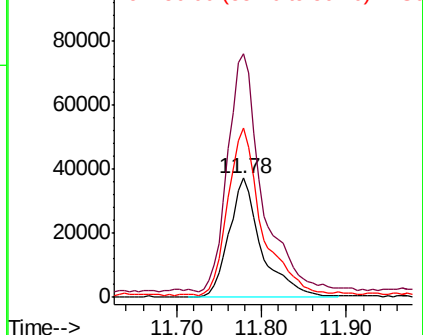
56 141.9 137.5 177.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.313 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

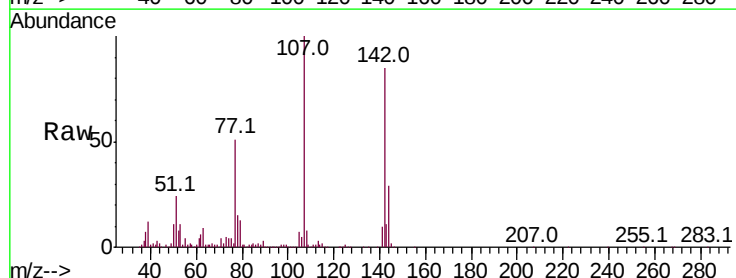
Tgt Ion:107 Resp: 277088

Ion Ratio Lower Upper

107 100

144 29.4 18.5 27.7#

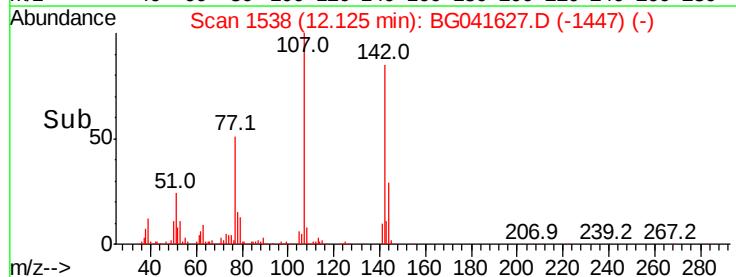
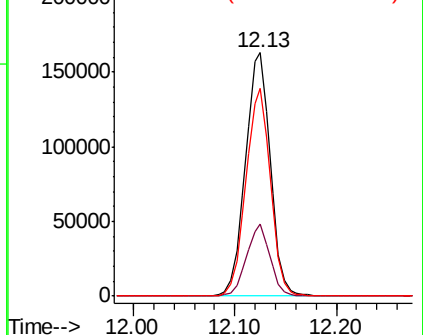
142 85.3 56.3 84.5#

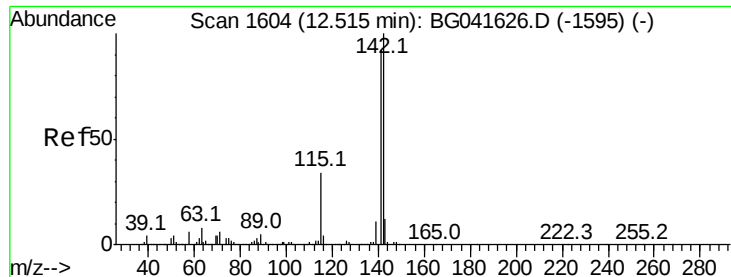


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.973 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BG041627.D

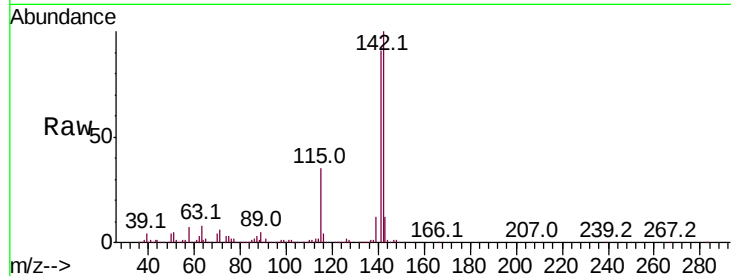
Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

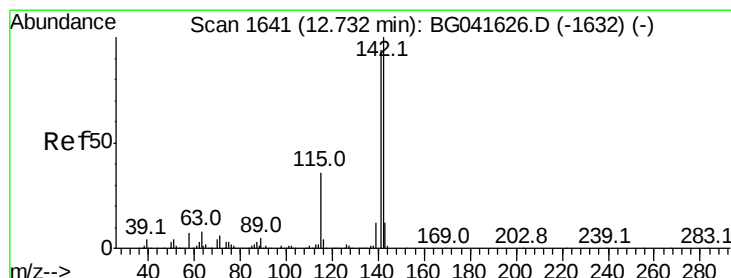
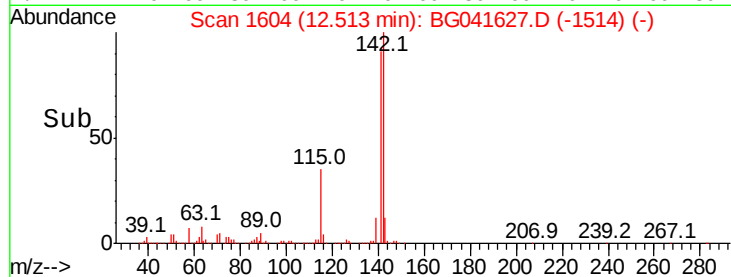
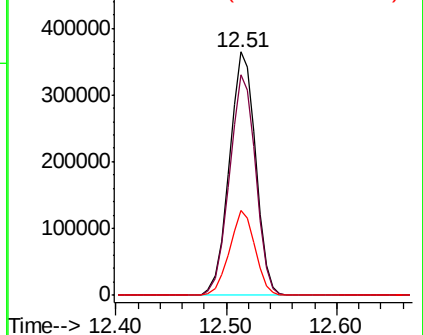
Tot Ion:	142	Resp:	607722
Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.5	107.3
115	35.0	37.0	55.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.314 ng

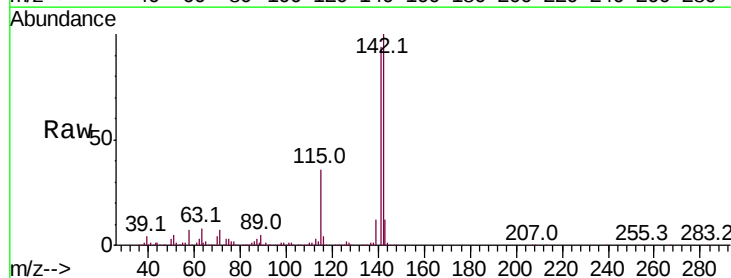
RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

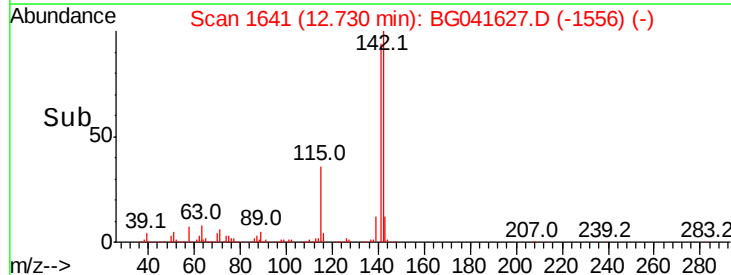
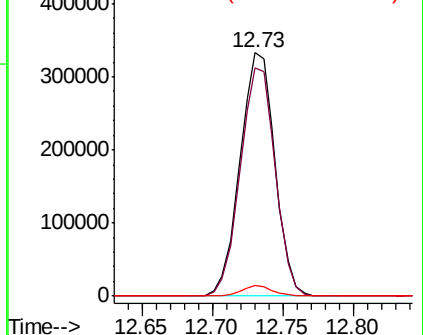
Tgt Ion:	142	Resp:	573107
Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.0	112.6
116	4.4	4.2	6.2

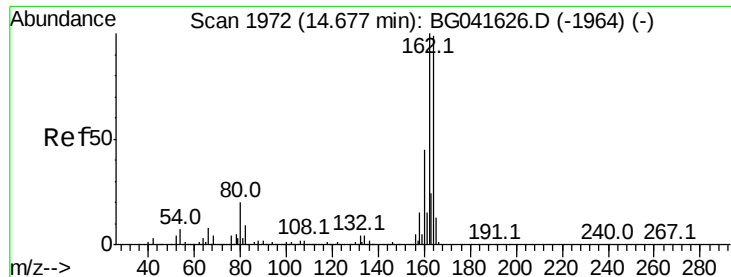


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

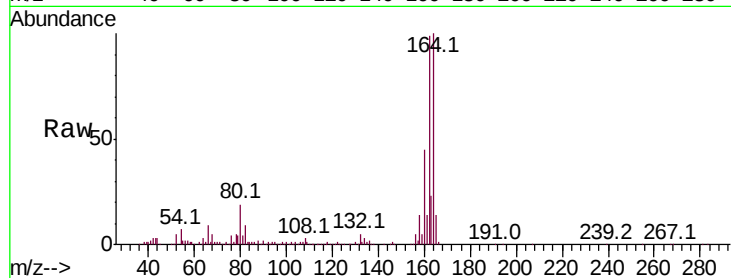
Tot Ion:164 Resp: 206802

Ion Ratio Lower Upper

164 100

162 99.3 82.8 124.2

160 45.3 35.8 53.8

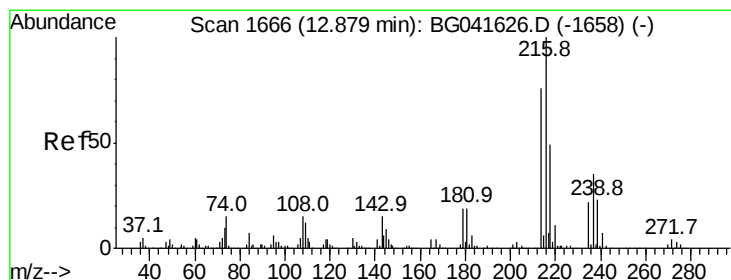
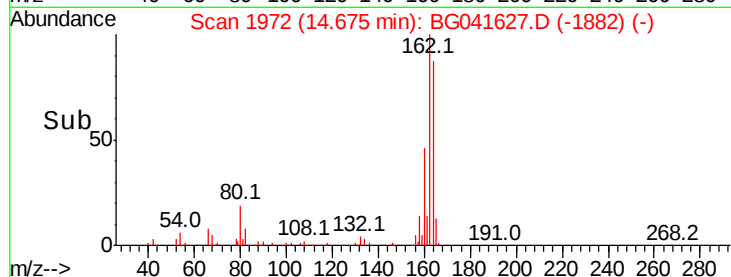
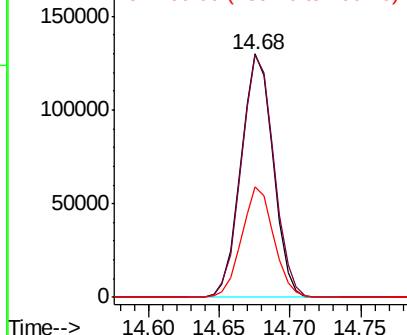


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.810 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Tgt Ion:216 Resp: 348499

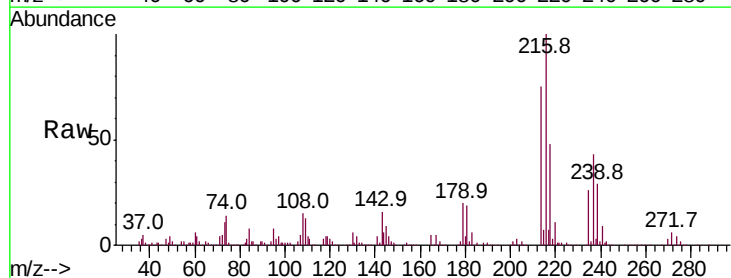
Ion Ratio Lower Upper

216 100

214 77.2 62.8 94.2

179 19.8 15.2 22.8

108 16.1 12.4 18.6



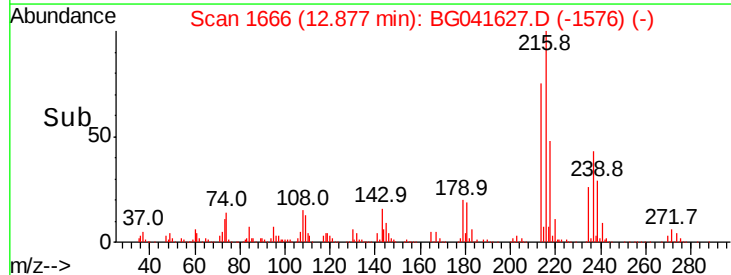
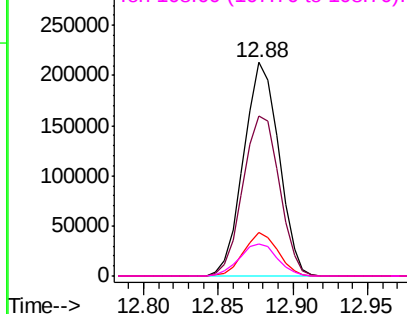
Abundance

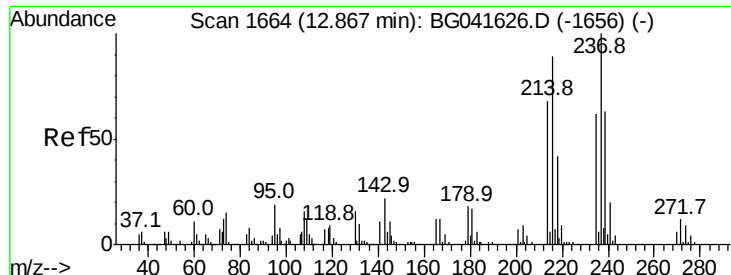
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.119 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampled :

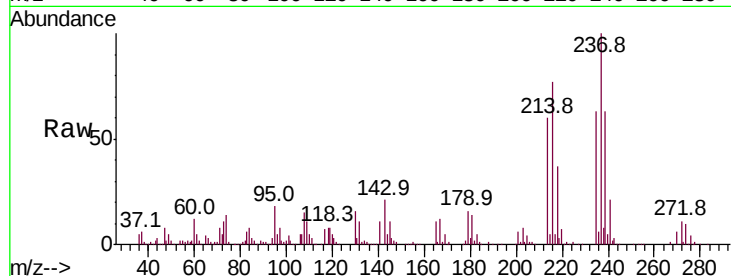
Tot Ion:237 Resp: 213514

Ion Ratio Lower Upper

237 100

235 63.1 42.9 82.9

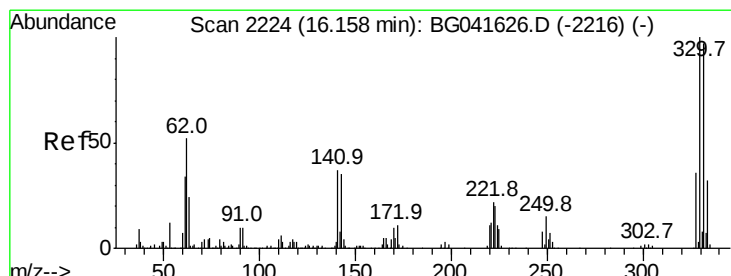
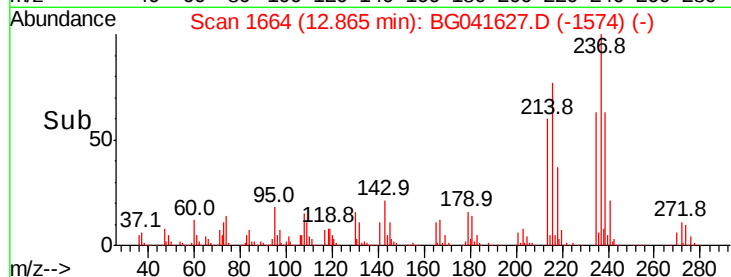
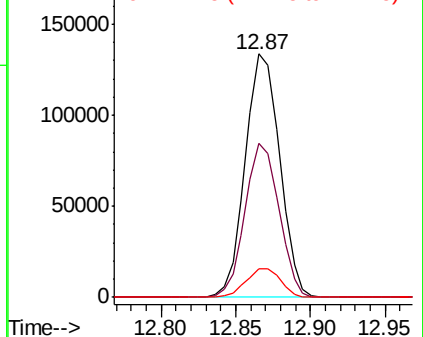
272 11.5 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 73.276 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

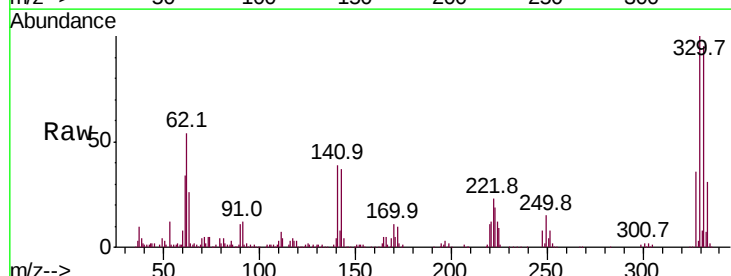
Tgt Ion:330 Resp: 232643

Ion Ratio Lower Upper

330 100

332 96.9 75.5 113.3

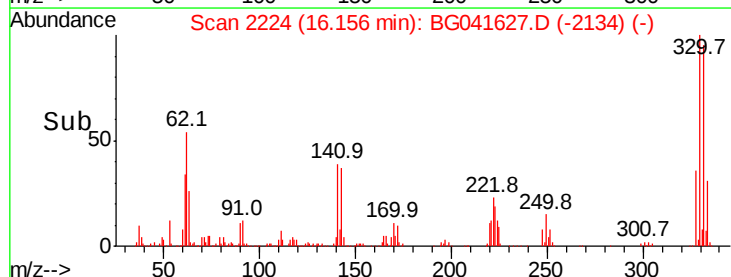
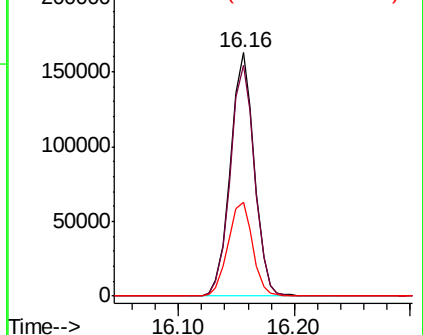
141 40.0 29.0 43.4

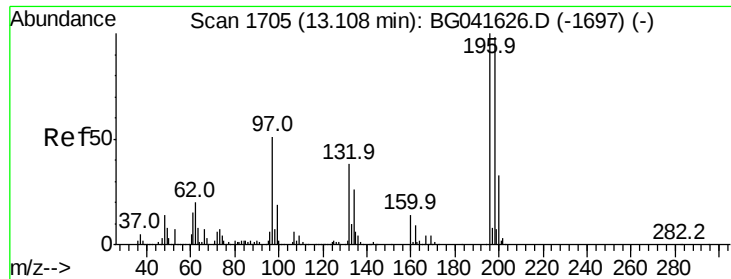


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

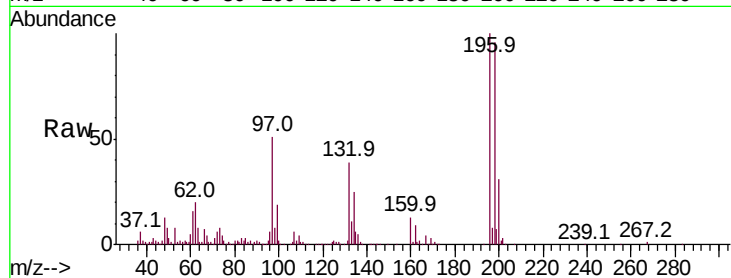




#43
 2,4,6-Trichlorophenol
 Concen: 42.930 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG041627.D
 Acq: 11 Jul 2019 20:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.9	112.3
200	30.8	24.2	36.2

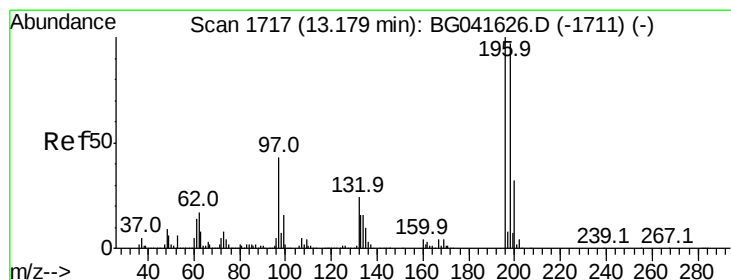
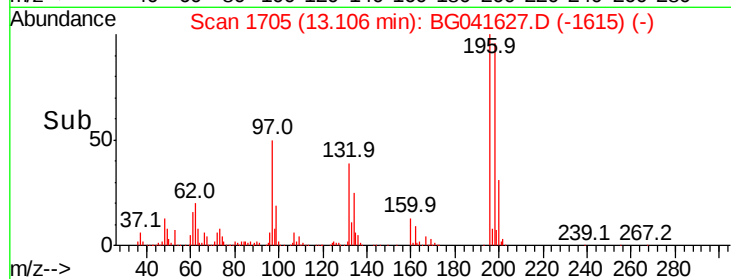
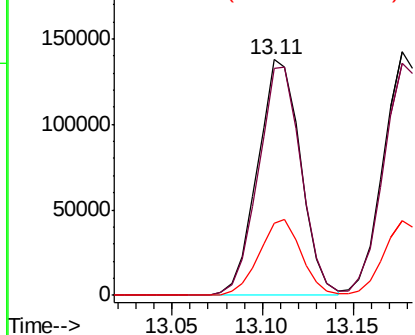


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.633 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG041627.D
 Acq: 11 Jul 2019 20:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.1	114.1
97	45.0	35.9	53.9
132	24.1	17.0	25.6

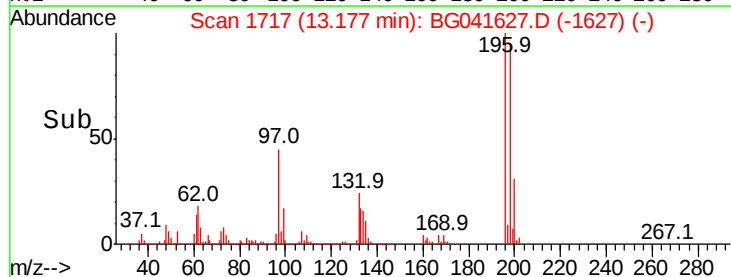
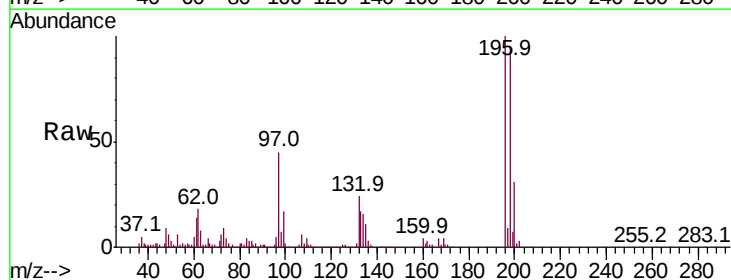
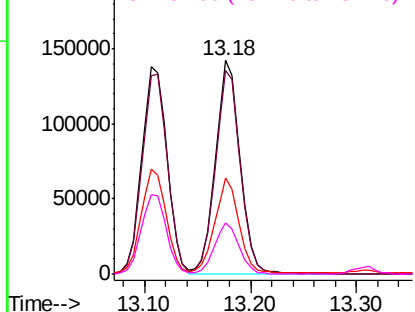
Abundance

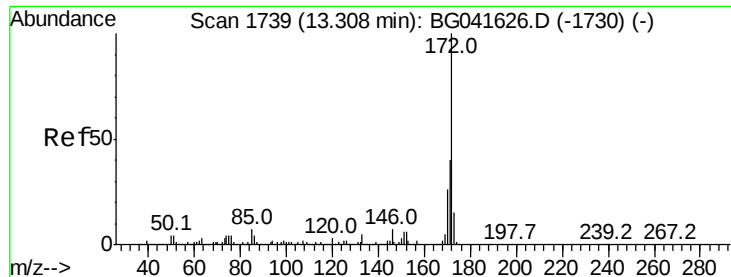
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

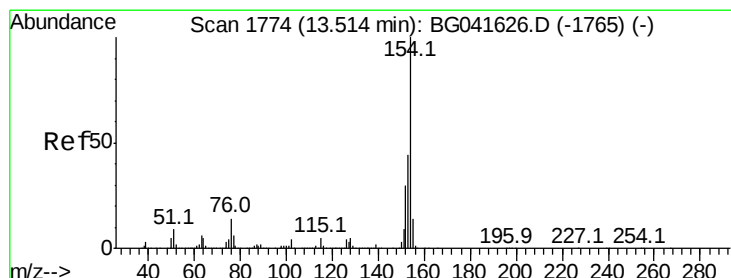
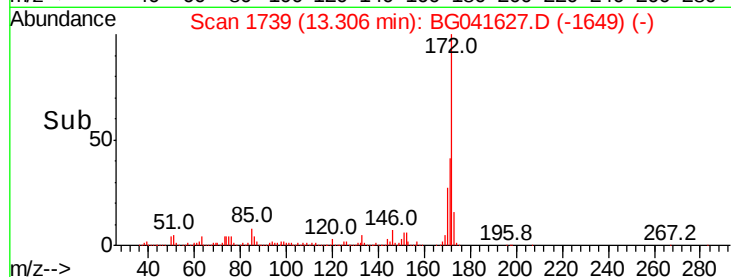
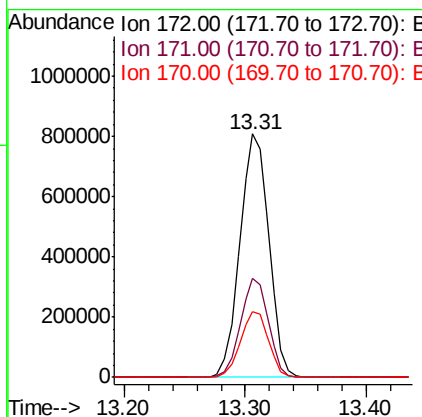
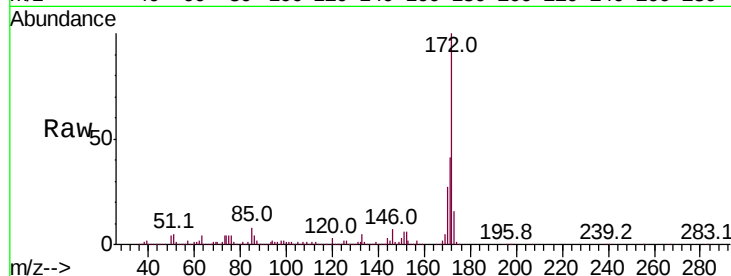




#45
2-Fluorobiphenyl
Concen: 88.576 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

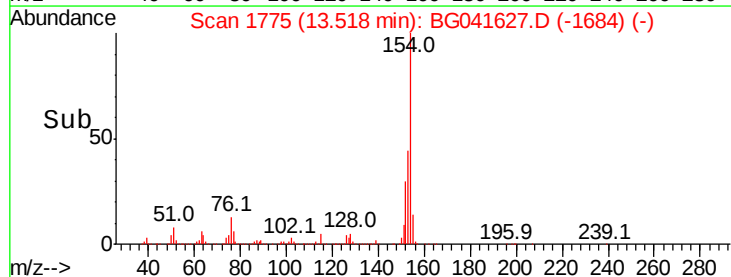
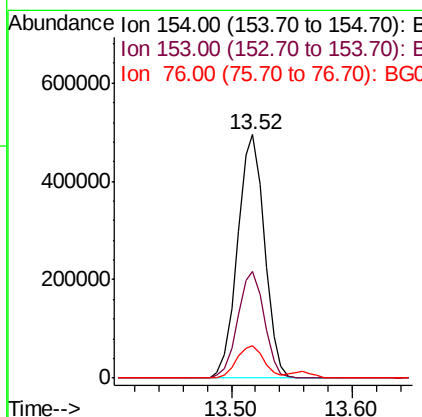
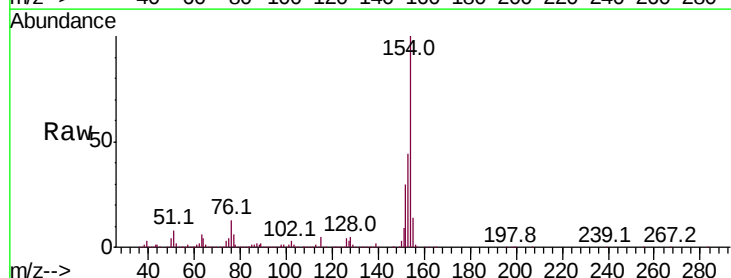
Instrument :
BNA_G
ClientSampleId :

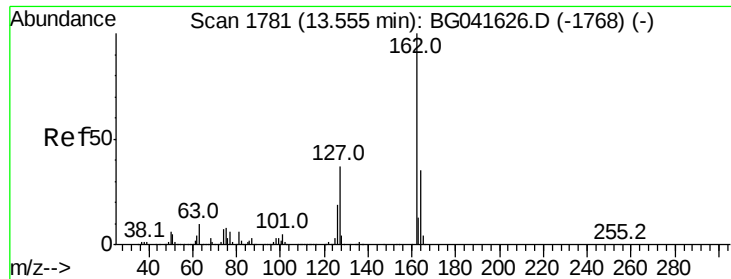
Tot Ion:172 Resp: 1347729
Ion Ratio Lower Upper
172 100
171 40.7 30.0 45.0
170 27.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 49.198 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:154 Resp: 769172
Ion Ratio Lower Upper
154 100
153 44.0 22.3 62.3
76 13.1 0.0 30.8

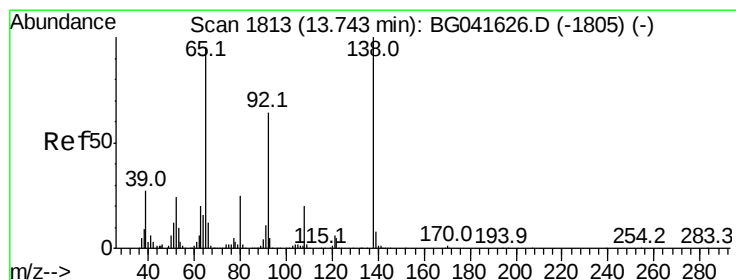
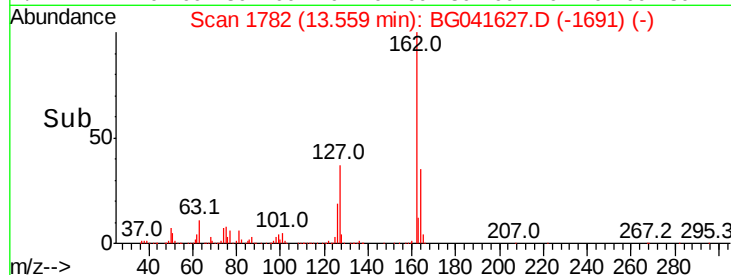
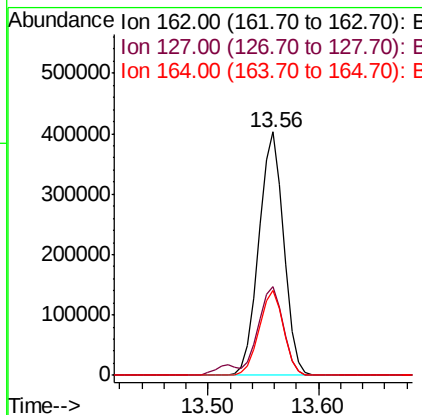
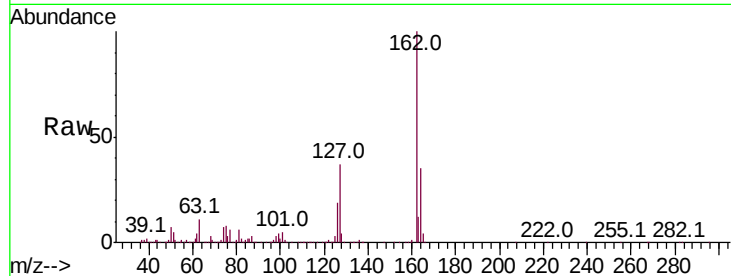




#47
2-Chloronaphthalene
Concen: 47.355 ng
RT: 13.56 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

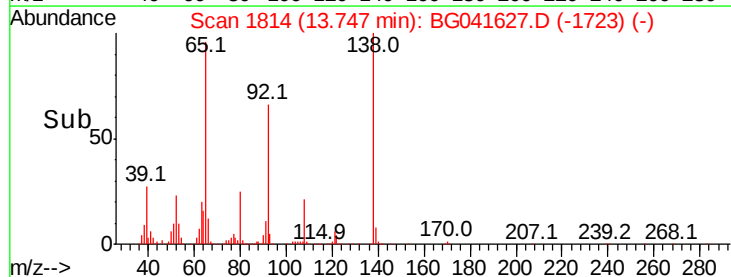
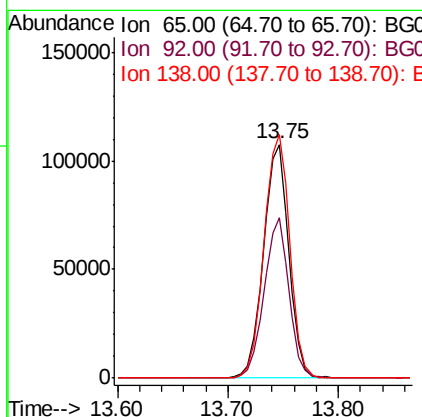
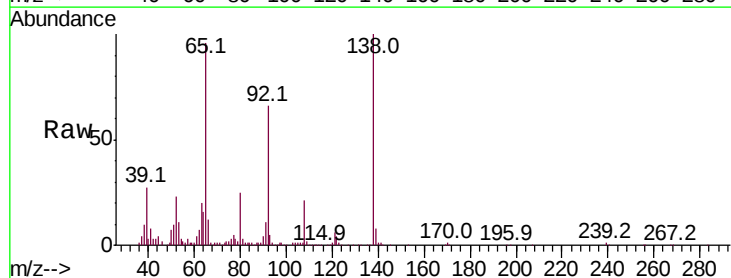
Instrument :
BNA_G
ClientSampled :

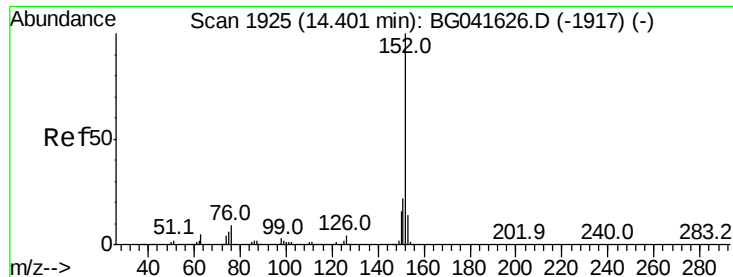
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	31.0	46.4
164	34.7	26.1	39.1



#48
2-Nitroaniline
Concen: 35.041 ng
RT: 13.75 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	47.4	71.2
138	104.1	64.7	97.1#





#49

Acenaphthylene

Concen: 47.753 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

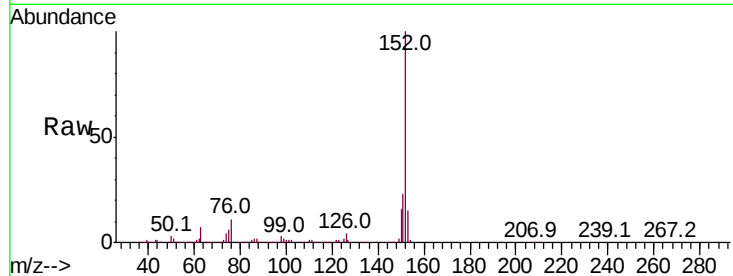
Tot Ion:152 Resp: 975366

Ion Ratio Lower Upper

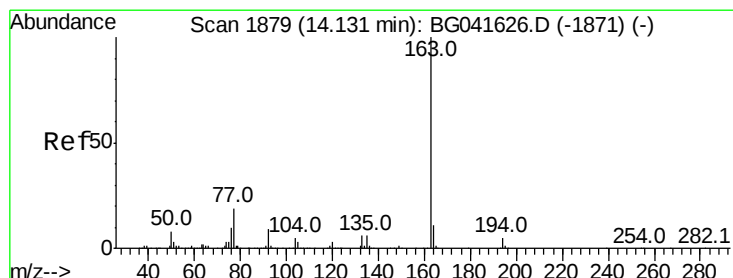
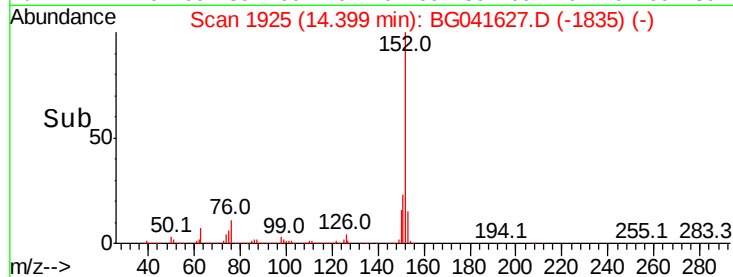
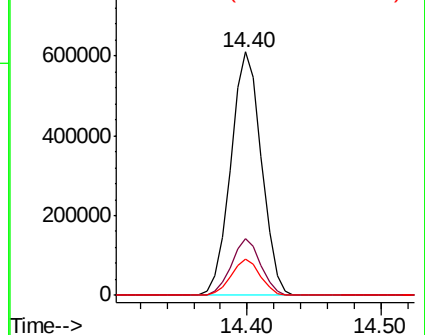
152 100

151 23.1 16.8 25.2

153 14.6 10.8 16.2



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



#50

Dimethylphthalate

Concen: 44.266 ng

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

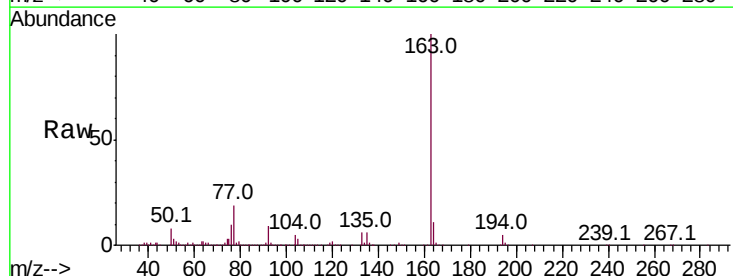
Tgt Ion:163 Resp: 814512

Ion Ratio Lower Upper

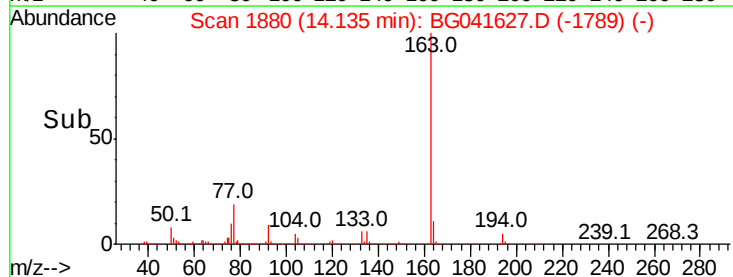
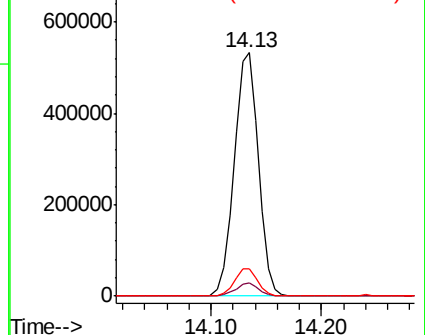
163 100

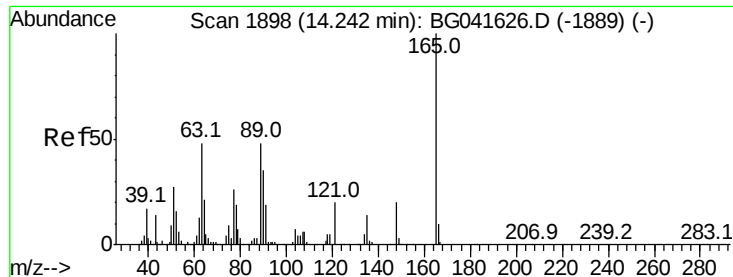
194 5.4 3.9 5.9

164 11.1 8.3 12.5



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

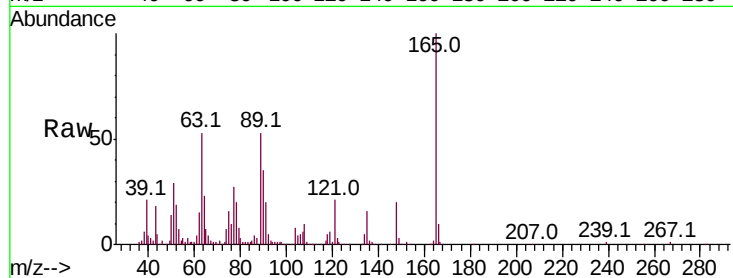




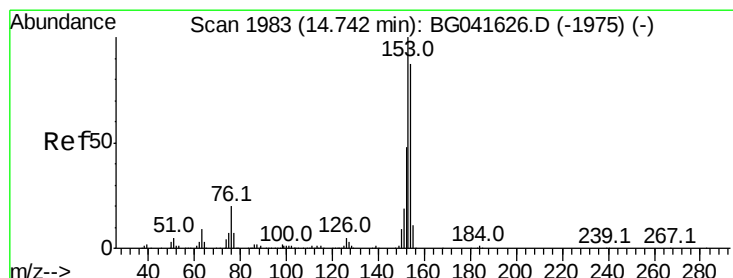
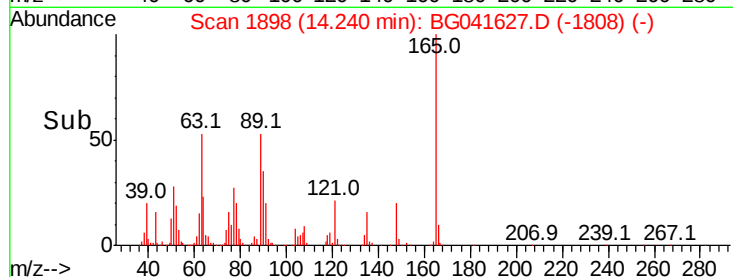
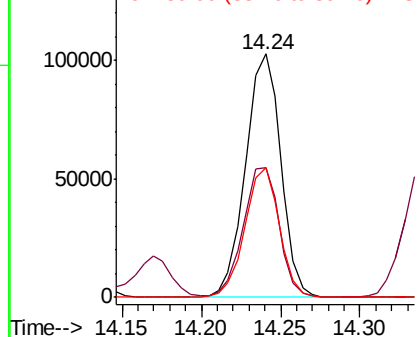
#51
2,6-Dinitrotoluene
Concen: 40.918 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.2	55.4	83.0#
89	53.1	56.5	84.7#

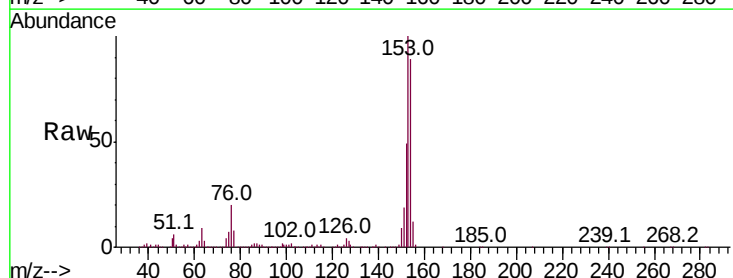


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

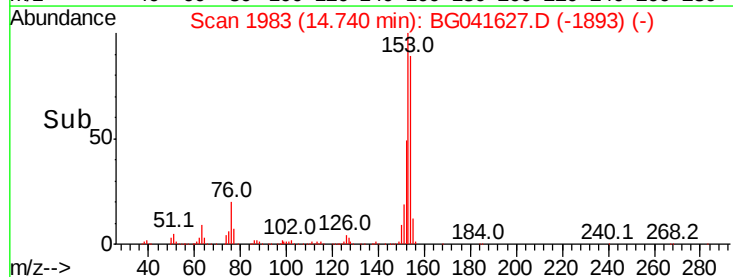
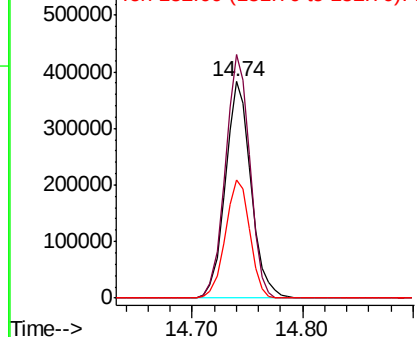


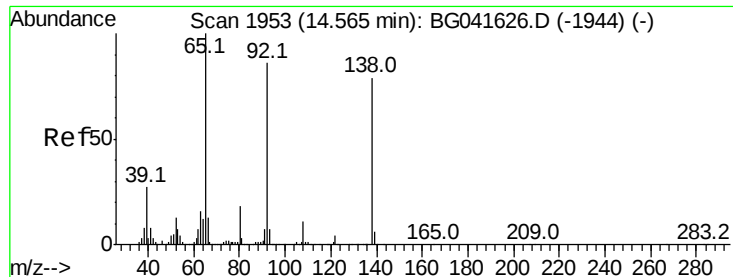
#52
Acenaphthene
Concen: 51.604 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	96.6	145.0
152	54.8	45.5	68.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

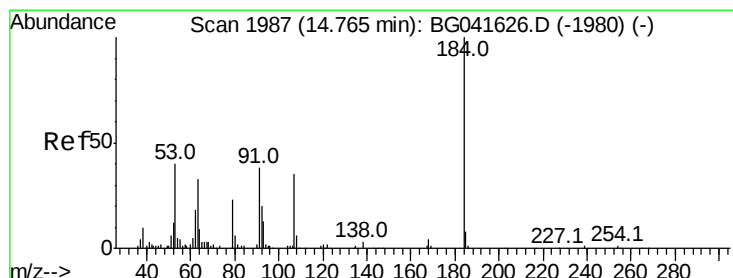
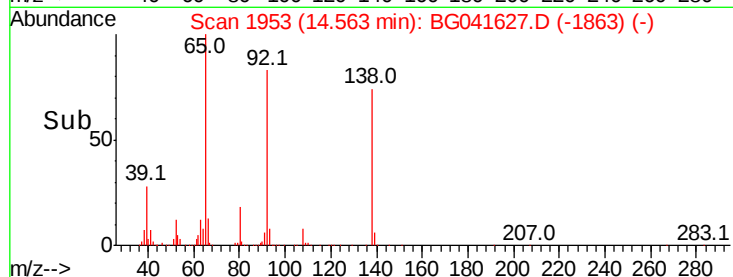
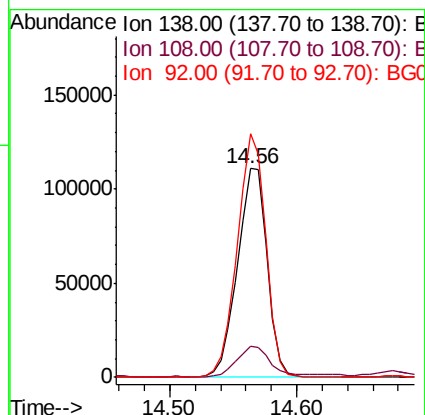
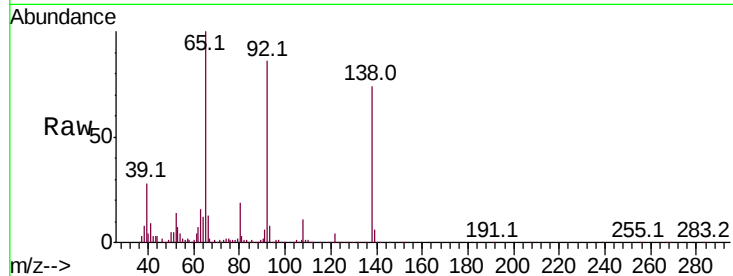




#53
3-Nitroaniline
Concen: 47.053 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

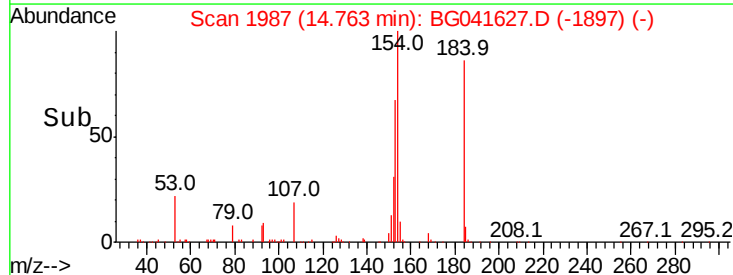
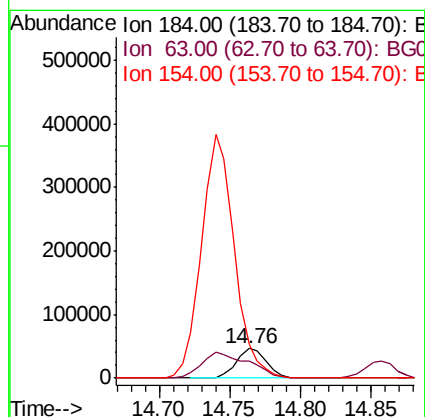
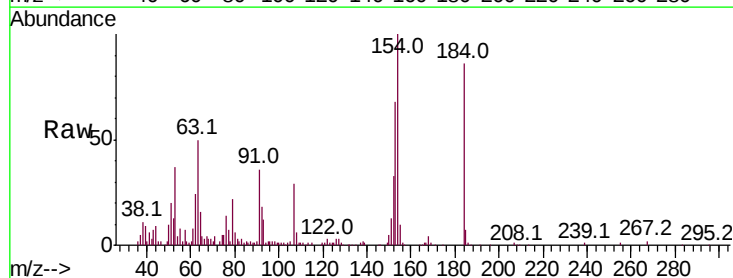
Instrument :
BNA_G
ClientSampleId :

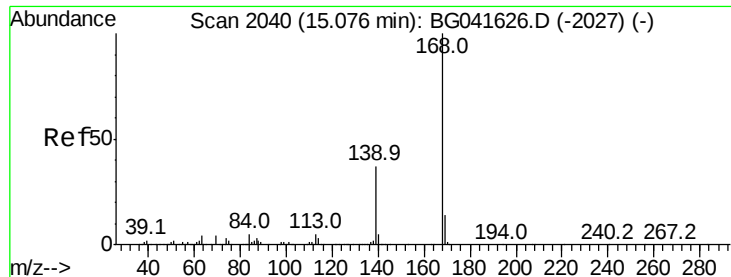
Tot Ion:138 Resp: 179862
Ion Ratio Lower Upper
138 100
108 14.9 8.3 12.5#
92 116.5 100.2 150.4



#54
2,4-Dinitrophenol
Concen: 27.931 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:184 Resp: 69414
Ion Ratio Lower Upper
184 100
63 57.9 60.0 90.0#
154 116.3 58.3 87.5#

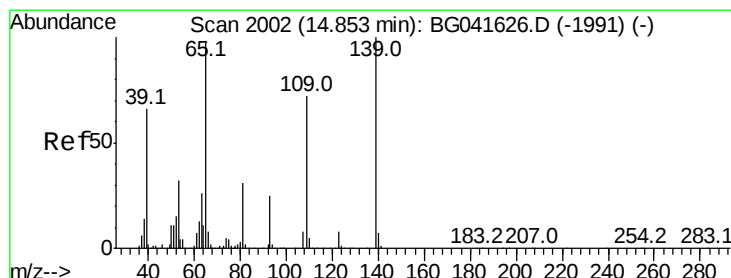
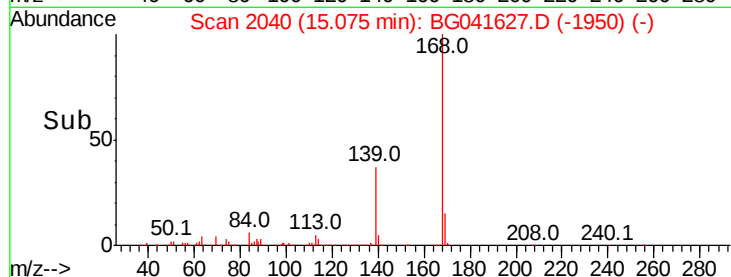
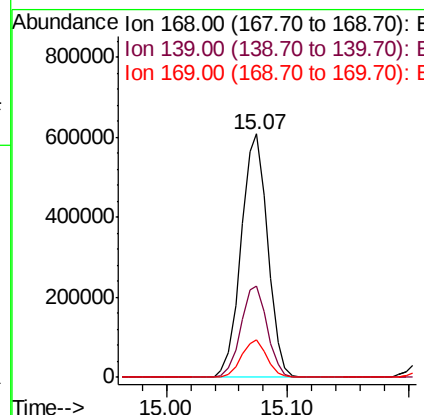
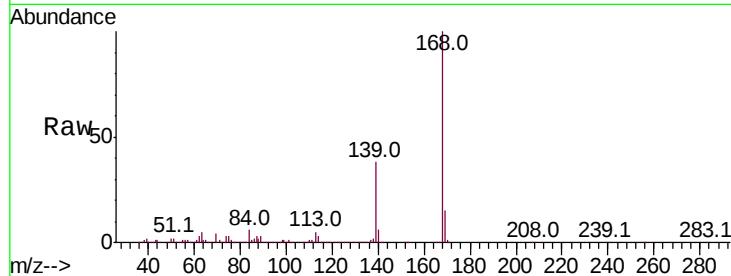




#55
Dibenzofuran
Concen: 44.656 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

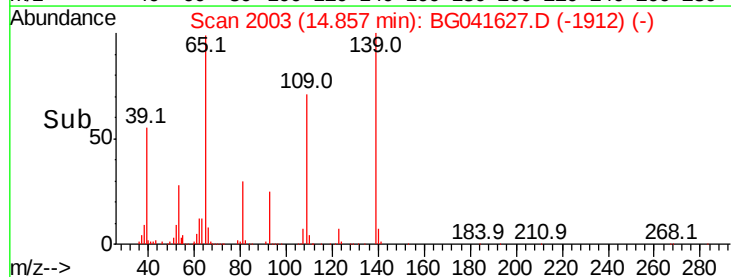
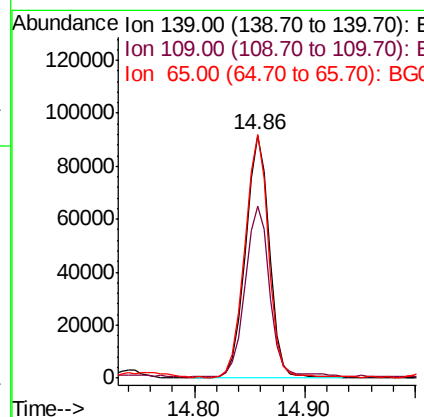
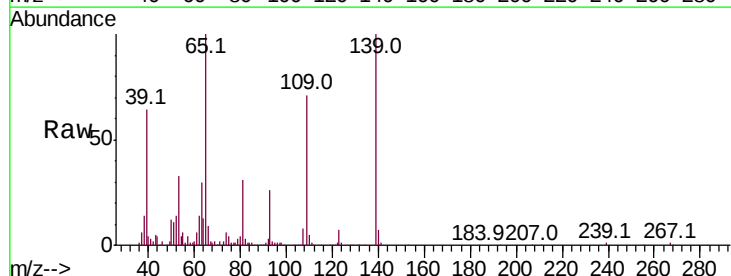
Instrument :
BNA_G
ClientSampleId :

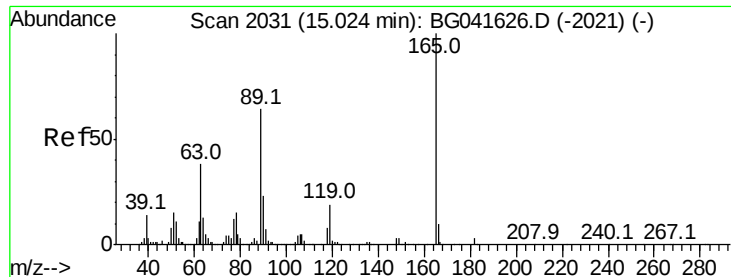
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	33.6	50.4
169	15.2	10.8	16.2



#56
4-Nitrophenol
Concen: 52.524 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.0	93.2	133.2#
65	100.2	110.2	150.2#

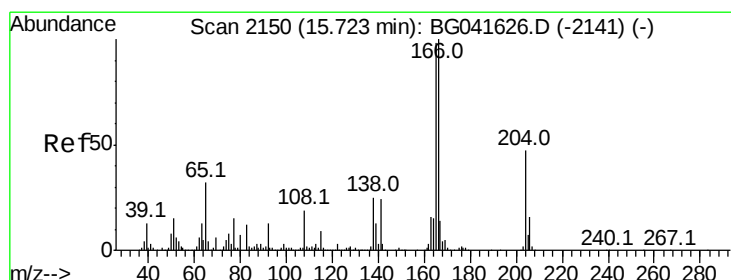
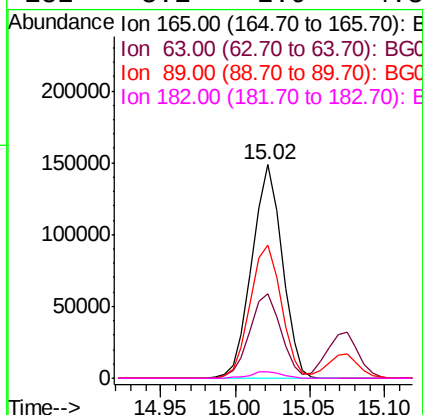
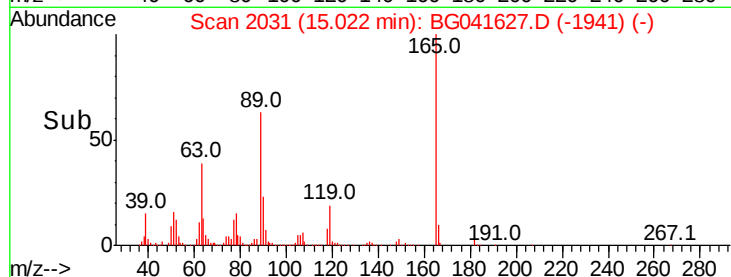
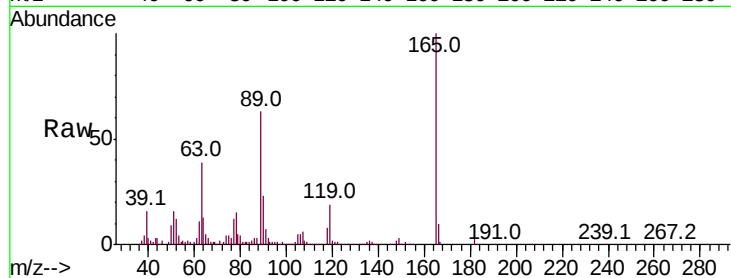




#57
2,4-Dinitrotoluene
Concen: 36.898 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

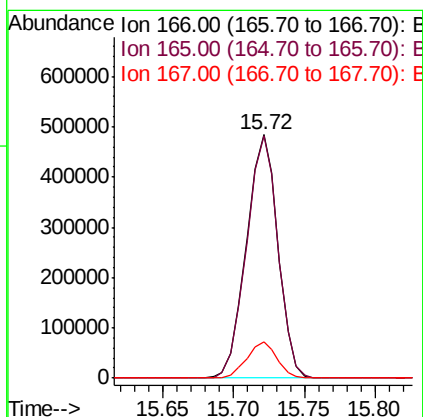
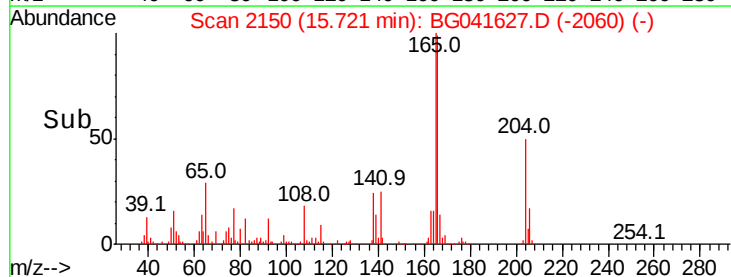
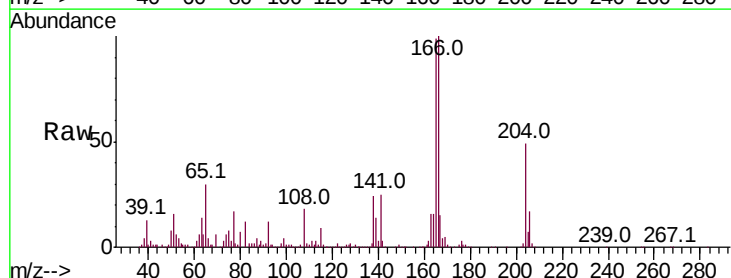
Instrument :
BNA_G
ClientSampleId :

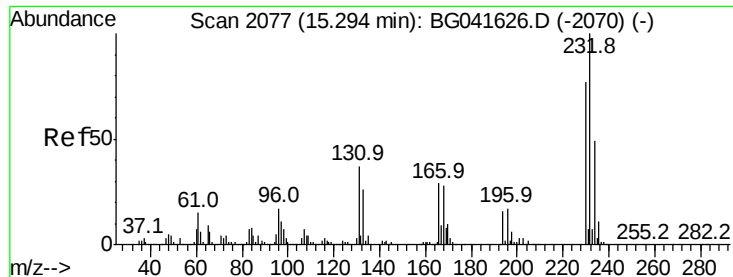
Tot Ion:165	Resp:	209265
Ion Ratio	Lower	Upper
165	100	
63	39.5	40.0 60.0#
89	62.6	64.6 96.8#
182	3.1	2.9 4.3



#58
Fluorene
Concen: 46.186 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:166	Resp:	757654
Ion Ratio	Lower	Upper
166	100	
165	99.4	78.8 118.2
167	14.8	11.3 16.9

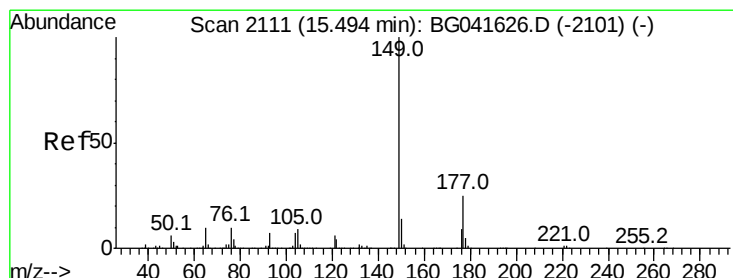
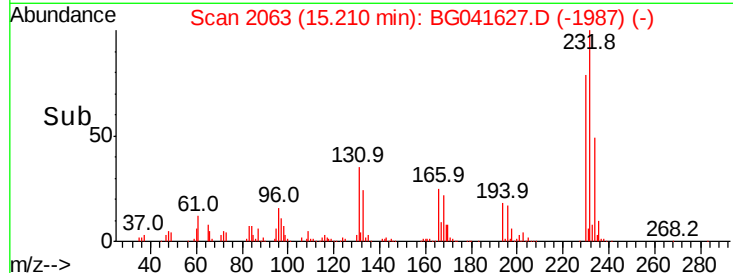
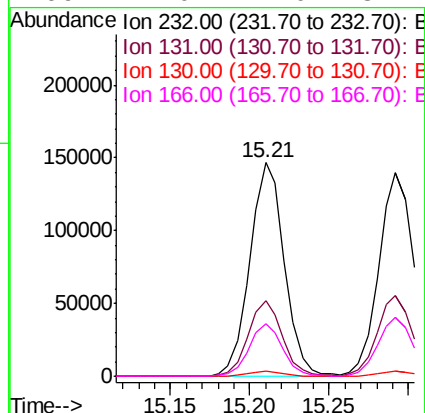
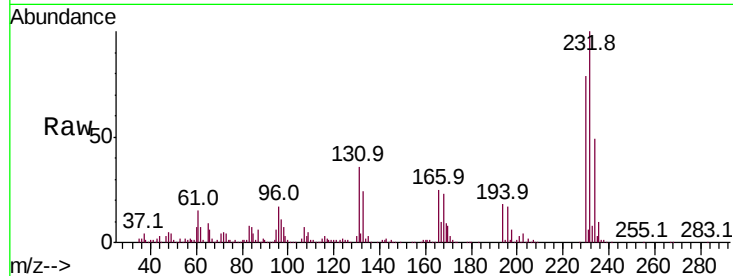




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.297 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.08 min
 Lab File: BG041627.D
 Acq: 11 Jul 2019 20:09

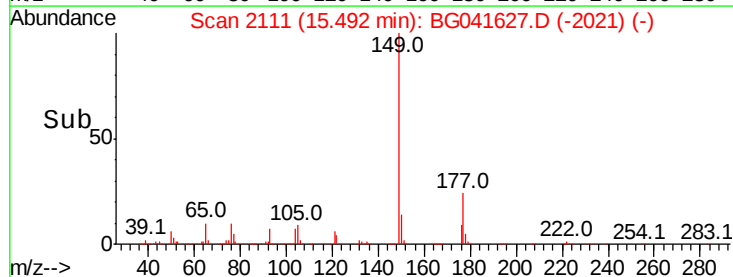
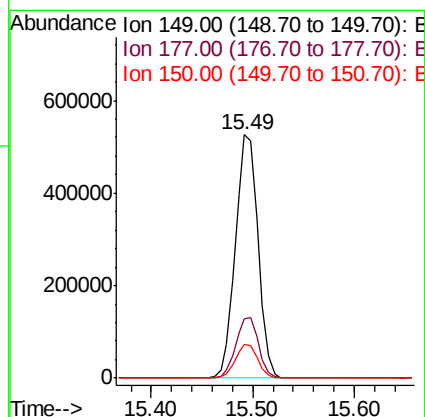
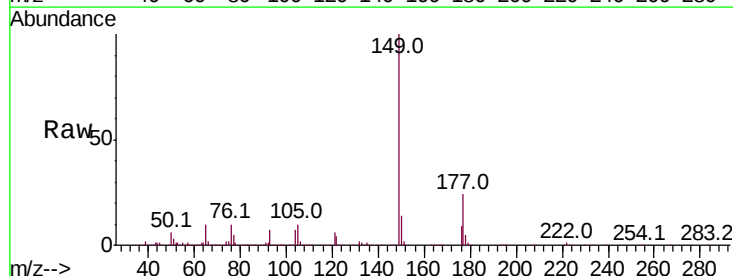
Instrument :
 BNA_G
 ClientSampleId :

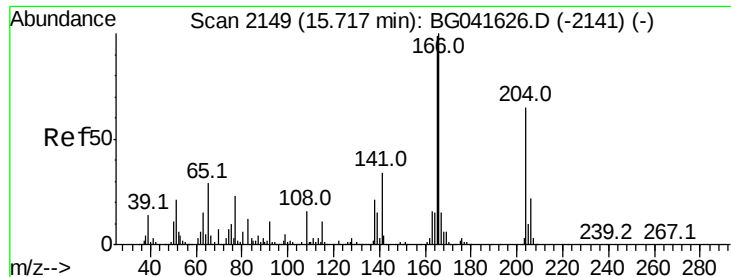
Tot Ion:	232	Resp:	220886
Ion	Ratio	Lower	Upper
232	100		
131	34.9	29.0	43.6
130	2.4	1.6	2.4
166	24.0	21.0	31.4



#60
 Diethylphthalate
 Concen: 43.448 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG041627.D
 Acq: 11 Jul 2019 20:09

Tgt Ion:	149	Resp:	812592
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.4	27.6
150	13.6	9.9	14.9

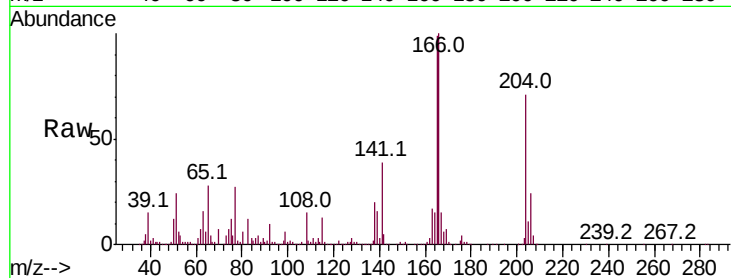




#61
4-Chlorophenyl-phenylether
Concen: 40.056 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.9	41.9
141	55.0	41.4	62.0

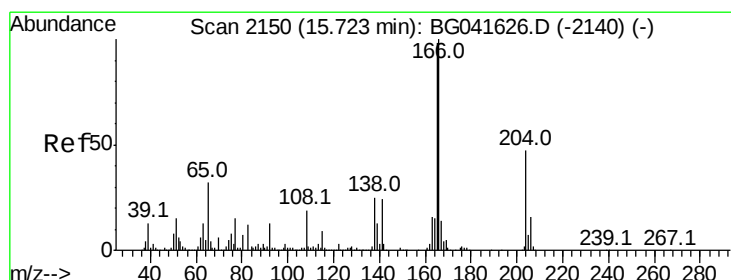
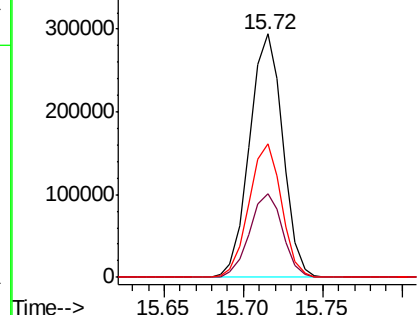
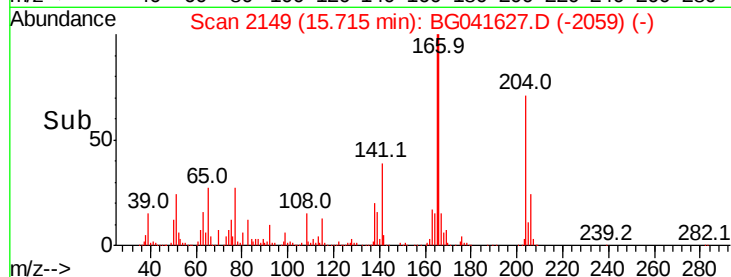


Abundance

Ion 204.00 (203.70 to 204.70): E

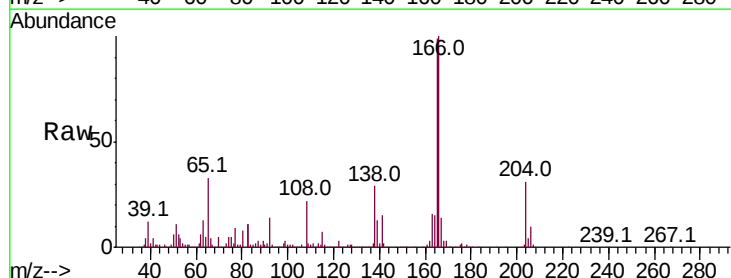
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.916 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	38.8	78.8
108	74.8	103.4	143.4#

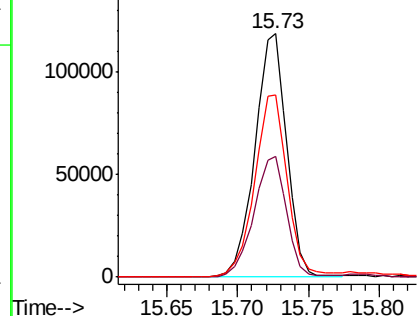
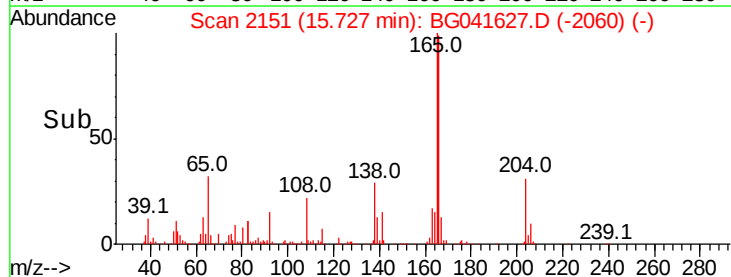


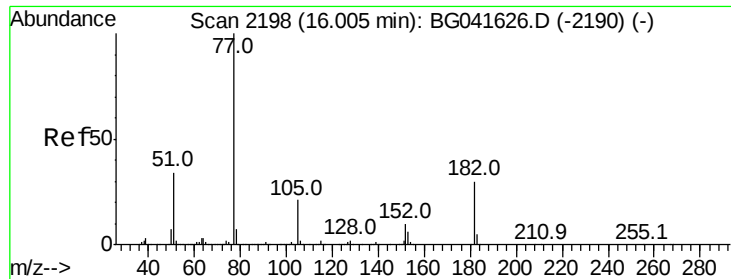
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

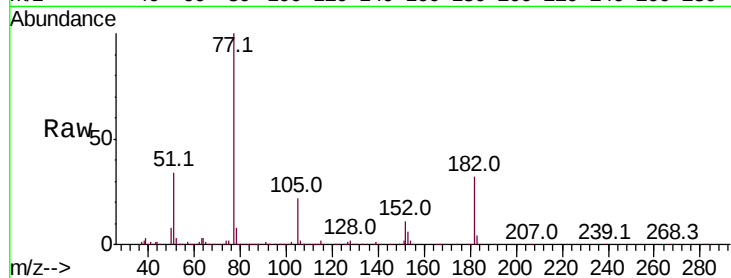




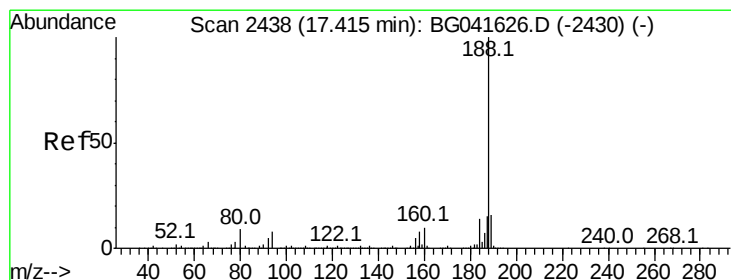
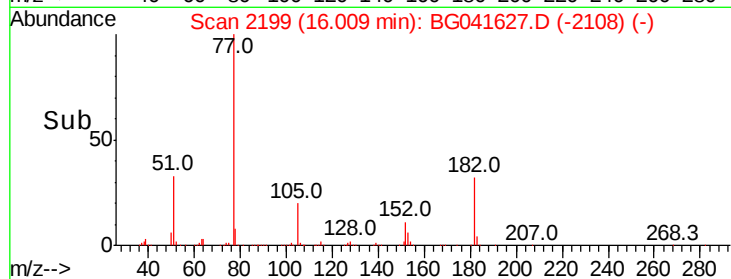
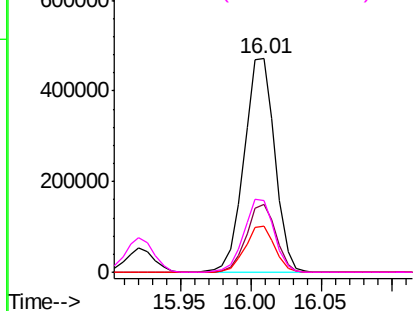
#63
Azobenzene
Concen: 42.951 ng
RT: 16.01 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 716636
Ion Ratio Lower Upper
77 100
182 32.1 7.5 47.5
105 21.7 0.0 37.7
51 33.7 14.6 54.6

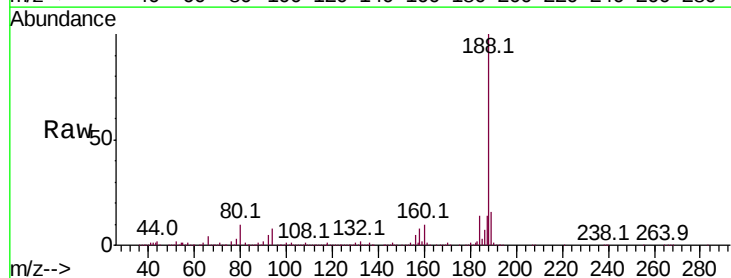


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

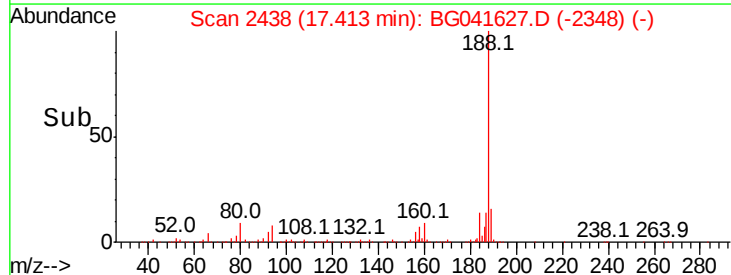
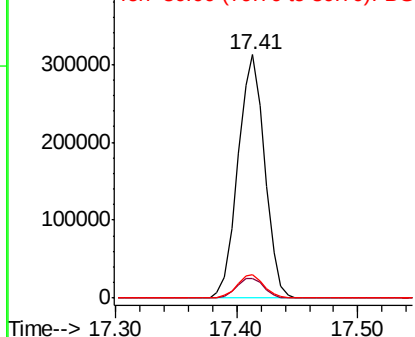


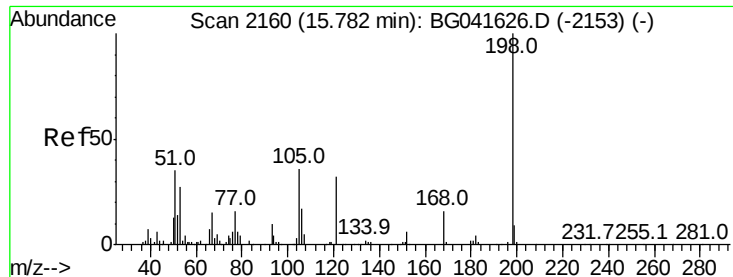
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion: 188 Resp: 481105
Ion Ratio Lower Upper
188 100
94 8.0 3.6 5.4#
80 9.5 4.8 7.2#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

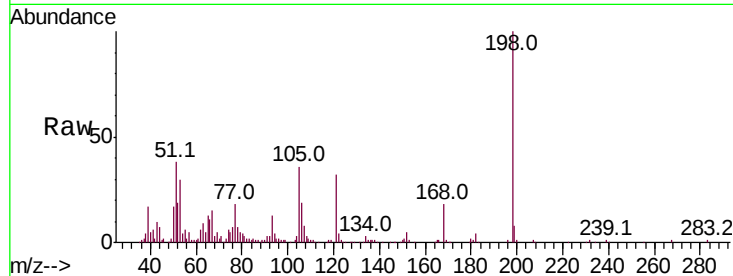




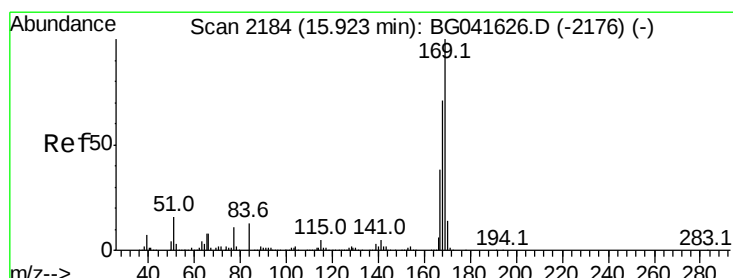
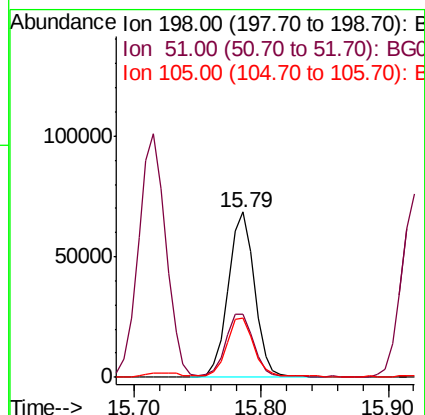
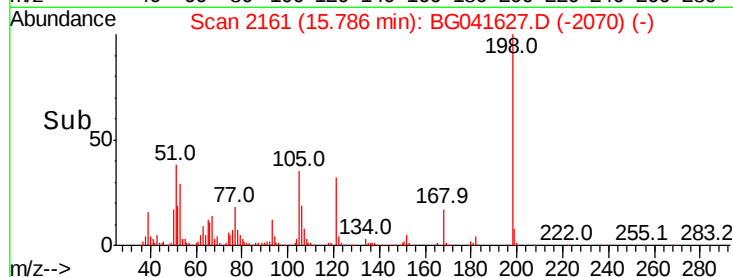
#65
4,6-Dinitro-2-methylphenol
Concen: 31.569 ng
RT: 15.79 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 98582
Ion Ratio Lower Upper
198 100
51 38.4 23.4 63.4
105 35.9 15.8 55.8

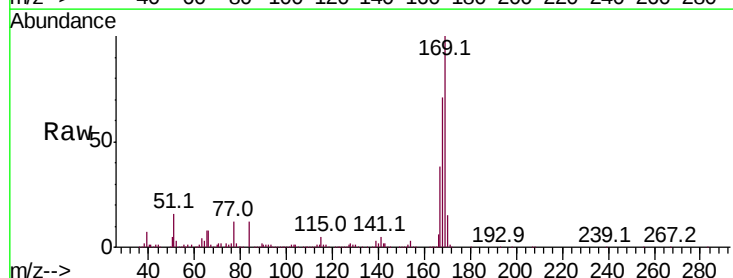


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

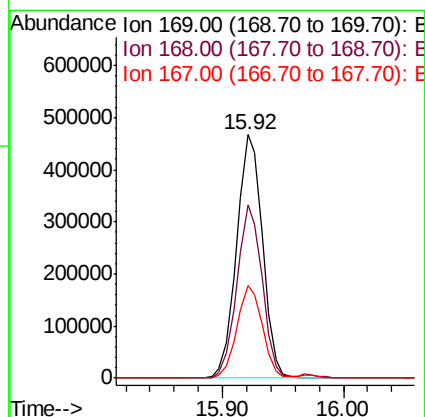
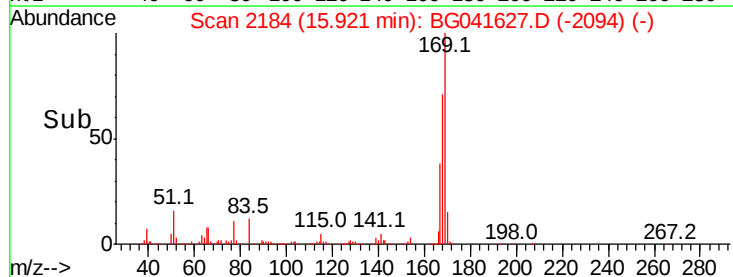


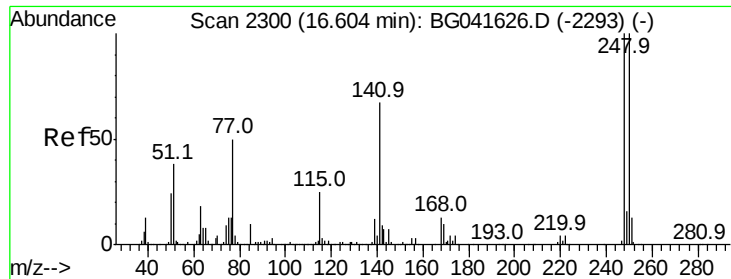
#66
n-Nitrosodiphenylamine
Concen: 54.723 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:169 Resp: 699055
Ion Ratio Lower Upper
169 100
168 70.9 55.2 82.8
167 37.8 30.4 45.6



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

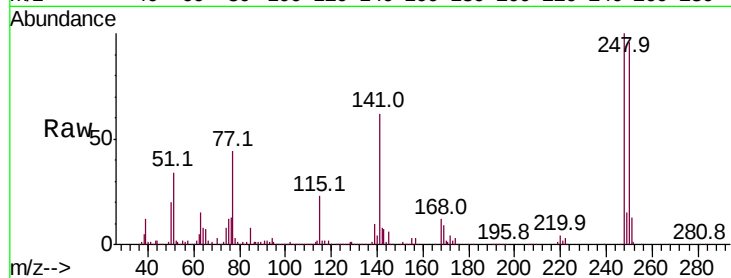




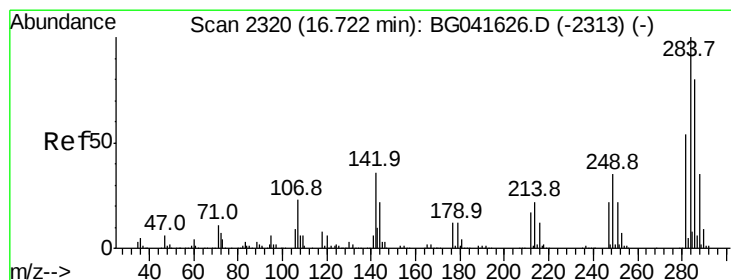
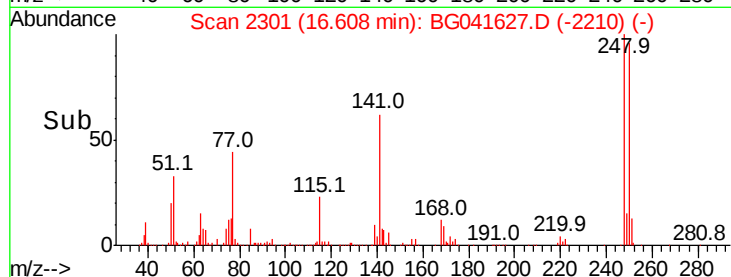
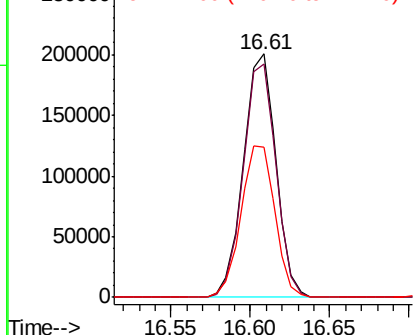
#67
4-Bromophenyl-phenylether
Concen: 45.930 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 285723
Ion Ratio Lower Upper
248 100
250 95.9 79.8 119.8
141 61.8 55.8 83.6

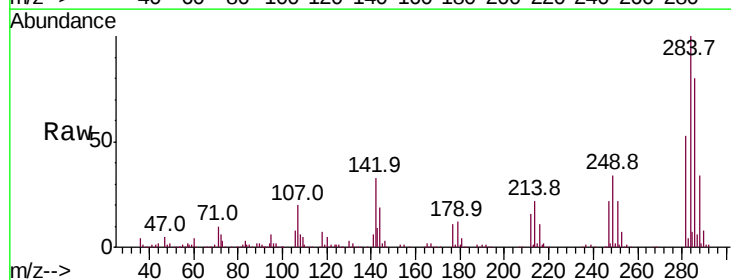


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

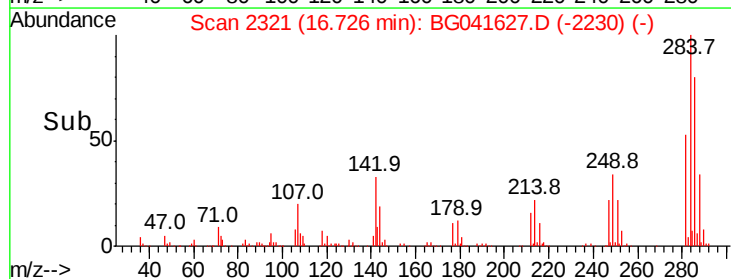
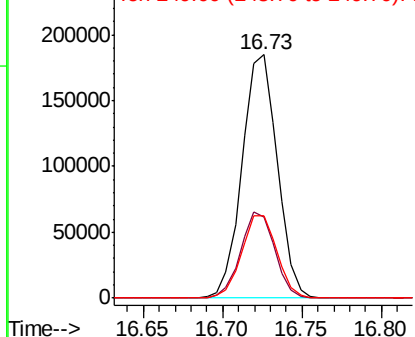


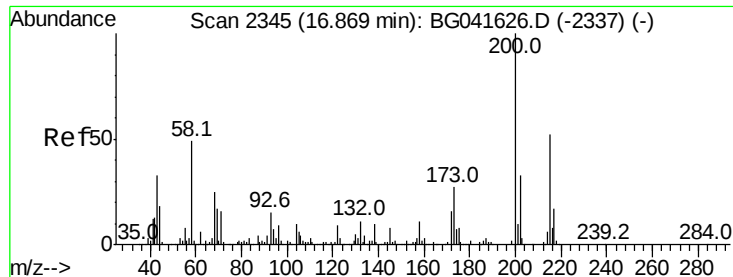
#68
Hexachlorobenzene
Concen: 42.701 ng
RT: 16.73 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:284 Resp: 284454
Ion Ratio Lower Upper
284 100
142 33.3 21.8 32.8#
249 33.9 27.8 41.6



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





#69

Atrazine

Concen: 42.726 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

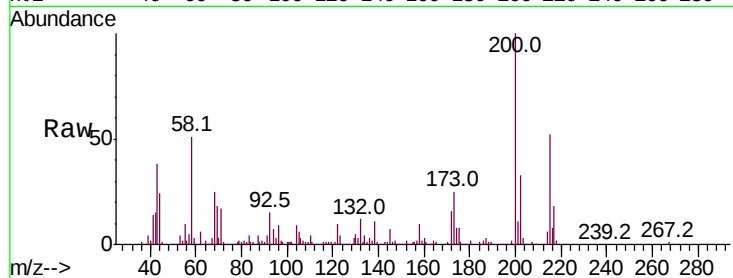
Tot Ion:200 Resp: 178018

Ion Ratio Lower Upper

200 100

173 24.8 4.0 44.0

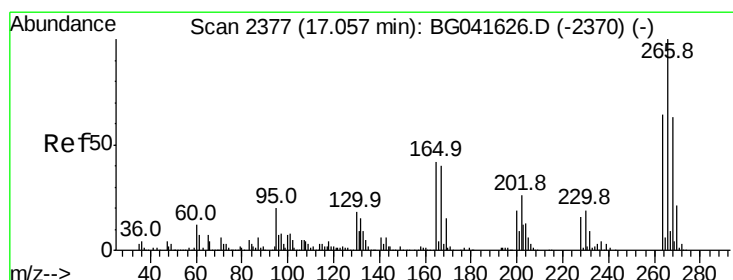
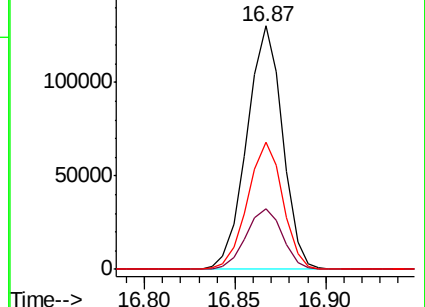
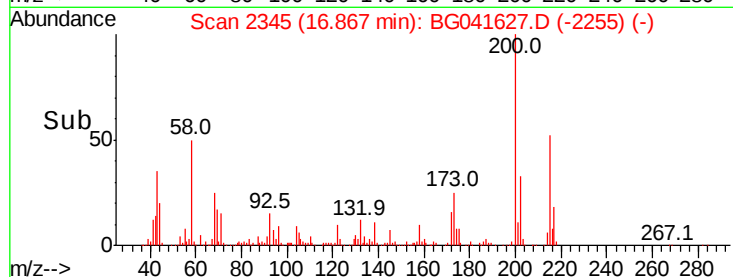
215 52.5 33.4 73.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 50.871 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

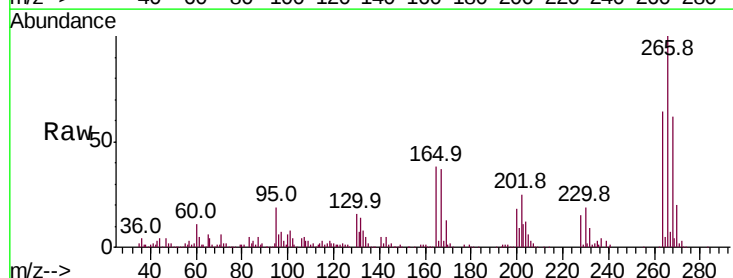
Tgt Ion:266 Resp: 173523

Ion Ratio Lower Upper

266 100

268 62.1 52.0 78.0

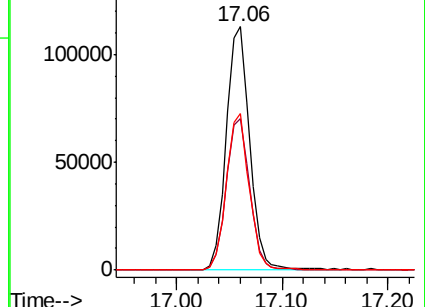
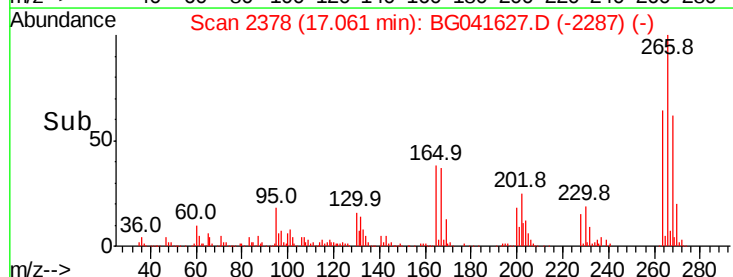
264 64.3 51.2 76.8

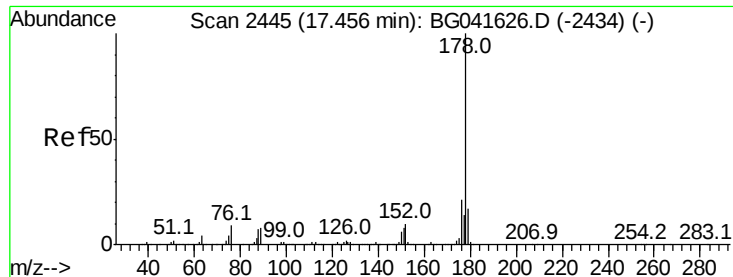


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

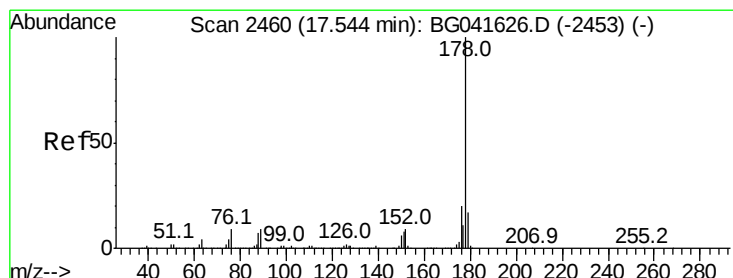
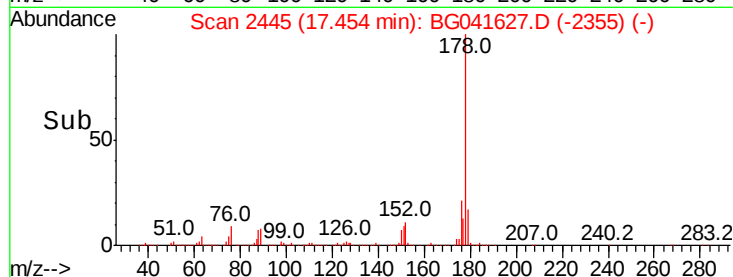
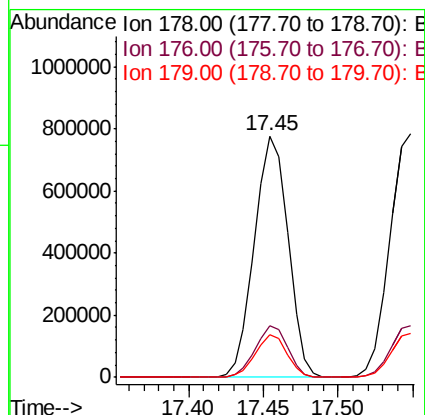
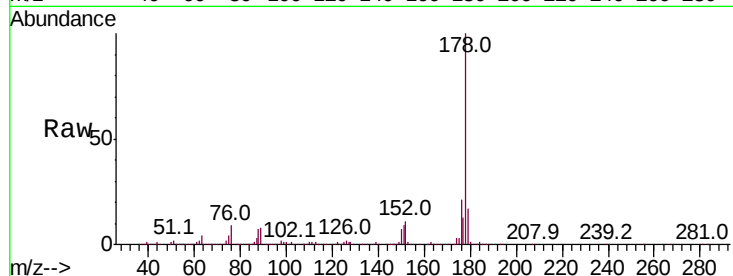




#71
Phenanthrene
Concen: 47.152 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

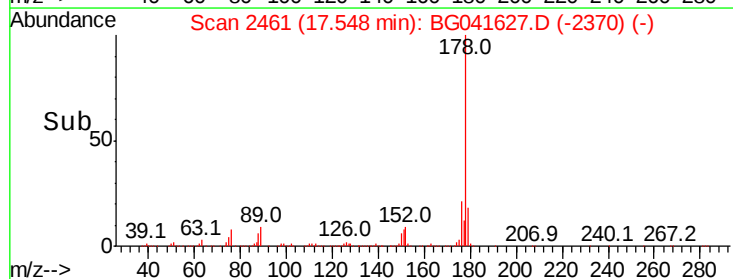
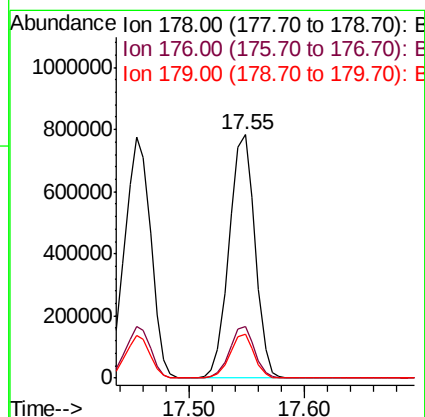
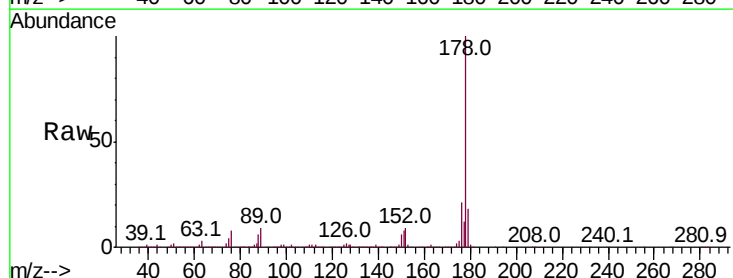
Instrument :
BNA_G
ClientSampleId :

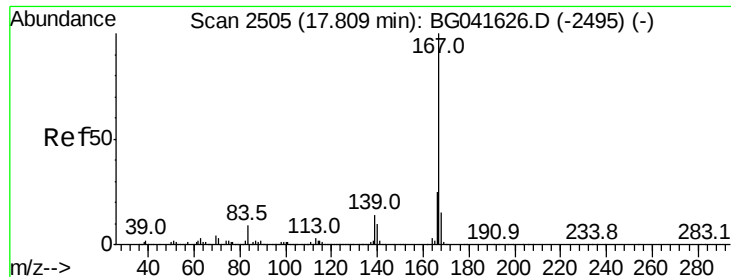
Tot Ion:178 Resp: 1209887
Ion Ratio Lower Upper
178 100
176 21.2 16.1 24.1
179 17.4 12.9 19.3



#72
Anthracene
Concen: 47.966 ng
RT: 17.55 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:178 Resp: 1213373
Ion Ratio Lower Upper
178 100
176 21.1 15.4 23.2
179 17.8 13.0 19.4



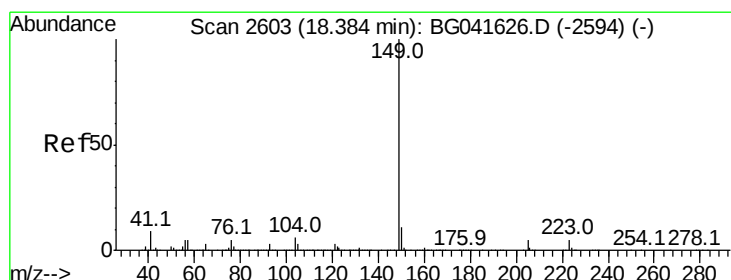
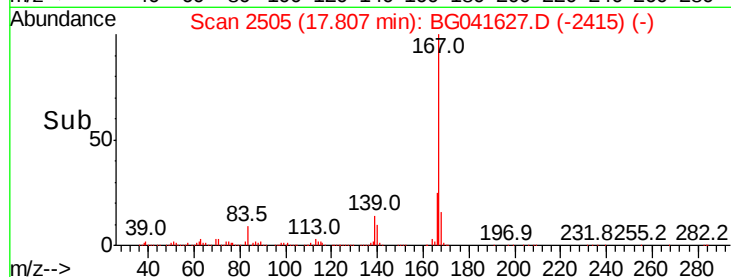
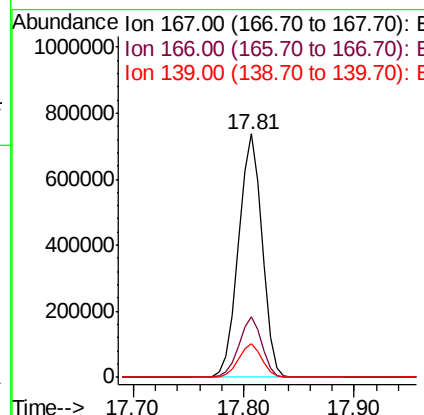
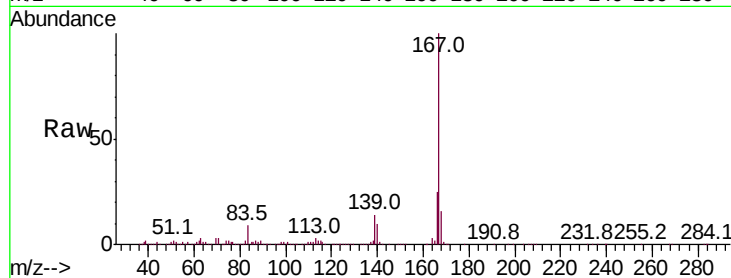


#73
 Carbazole
 Concen: 50.081 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG041627.D
 Acq: 11 Jul 2019 20:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1108232

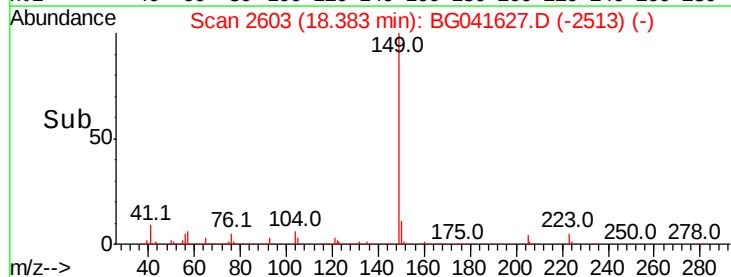
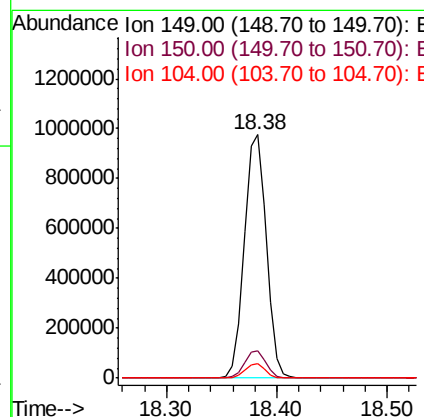
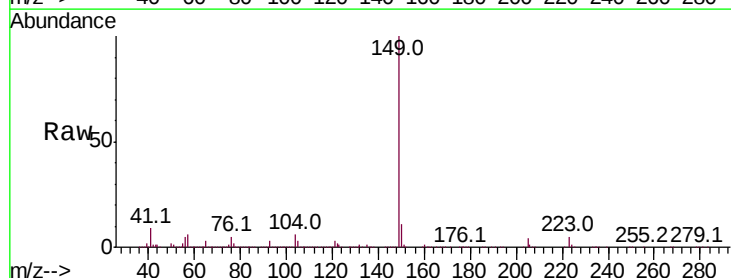
Ion	Ratio	Lower	Upper
167	100		
166	25.0	17.9	26.9
139	13.6	10.7	16.1

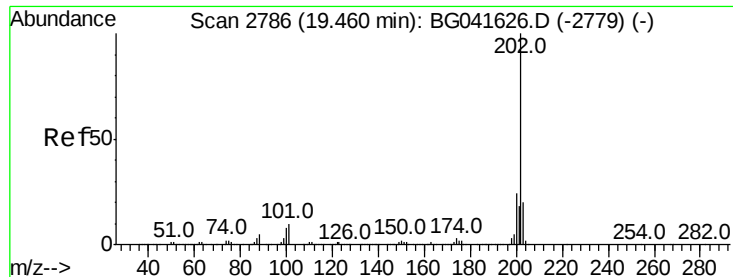


#74
 Di-n-butylphthalate
 Concen: 49.496 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG041627.D
 Acq: 11 Jul 2019 20:09

Tgt Ion:149 Resp: 1366643

Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.1	12.1
104	5.9	5.4	8.0





#75

Fluoranthene

Concen: 42.450 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

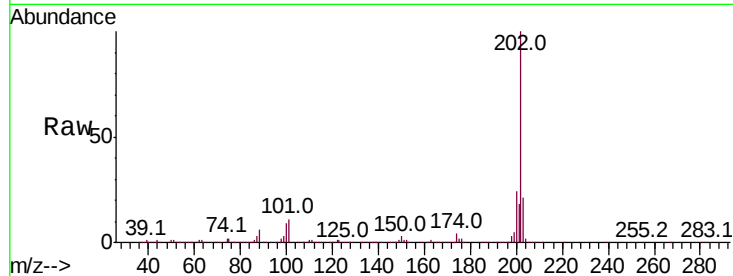
Tot Ion:202 Resp: 1447058

Ion Ratio Lower Upper

202 100

101 11.3 0.0 26.0

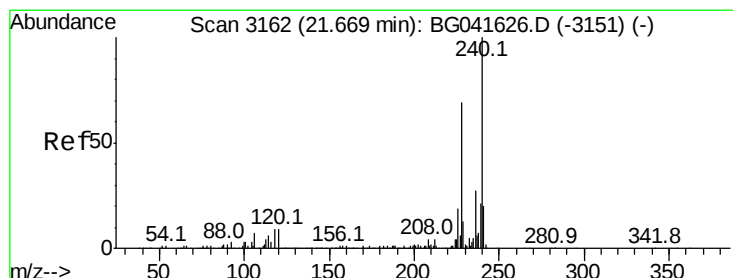
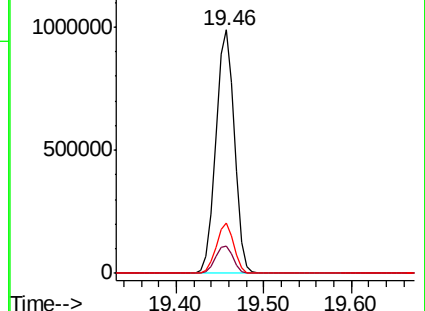
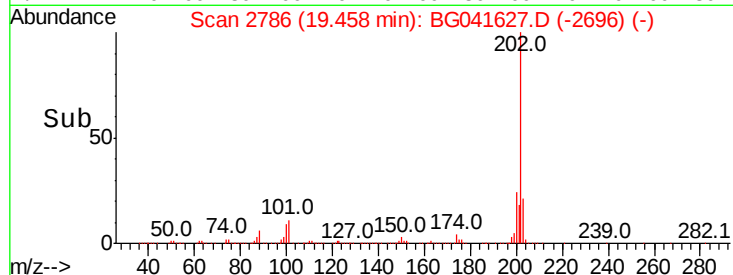
203 20.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

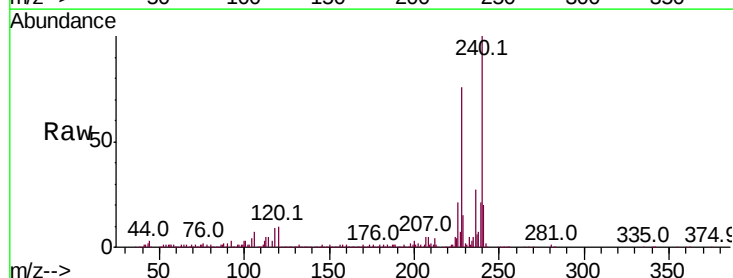
Tgt Ion:240 Resp: 452206

Ion Ratio Lower Upper

240 100

120 9.5 3.7 5.5#

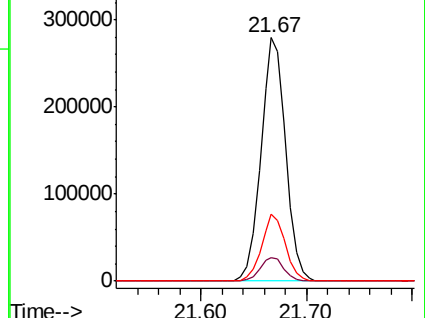
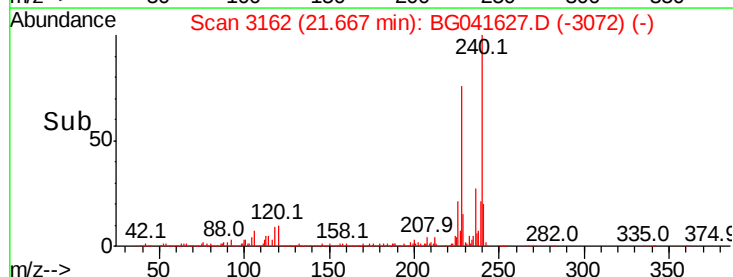
236 27.4 21.1 31.7

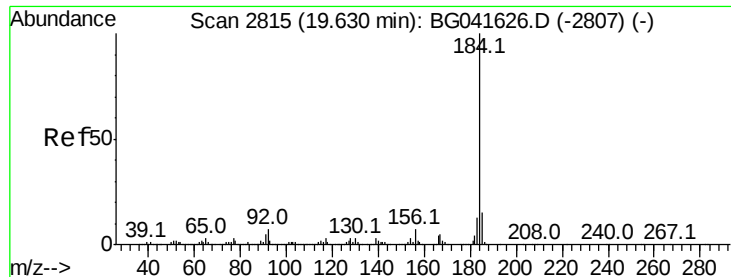


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.669 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

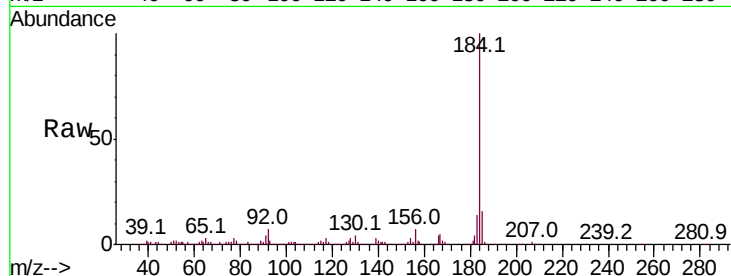
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 652646

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	14.1	9.6	14.4

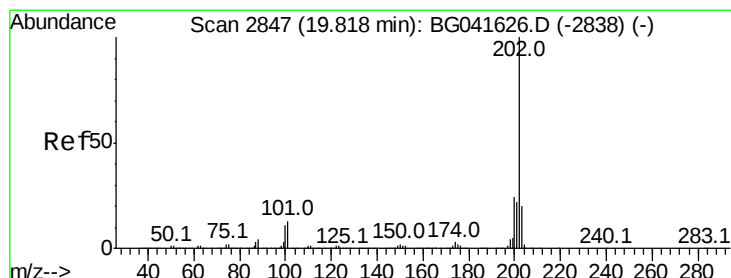
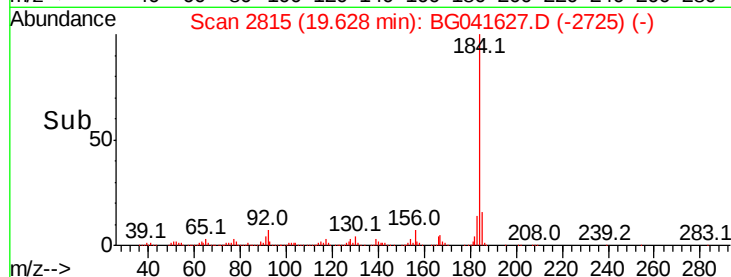
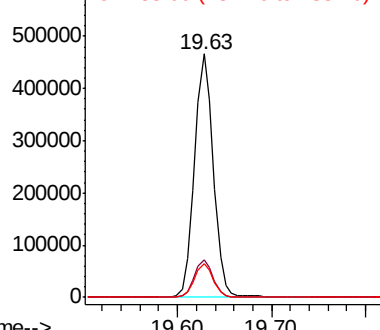


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.549 ng

RT: 19.82 min Scan# 2847

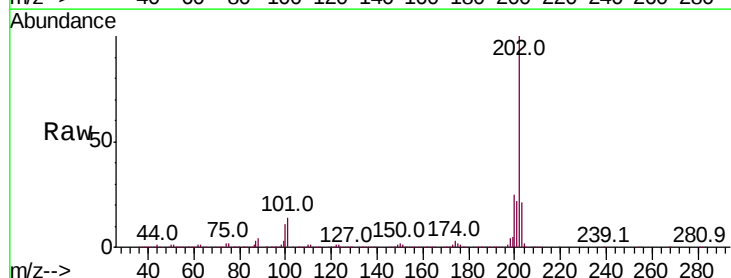
Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Tgt Ion:202 Resp: 1450105

Ion	Ratio	Lower	Upper
202	100		
200	24.9	16.8	25.2
203	20.7	14.6	21.8

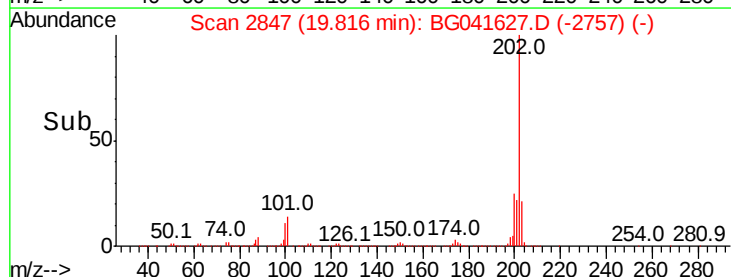
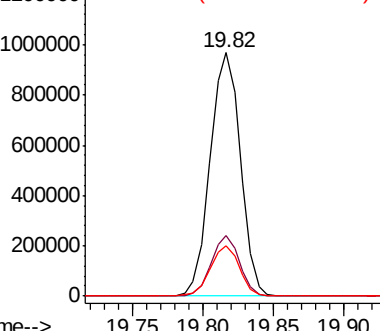


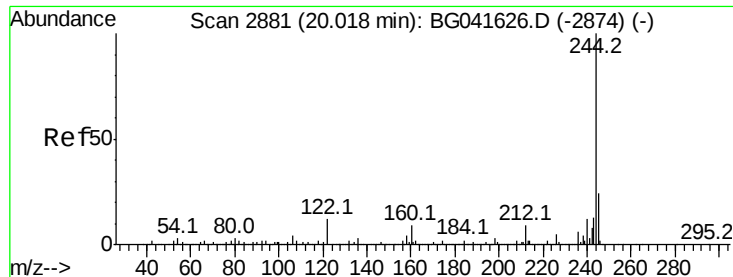
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.468 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampleId :

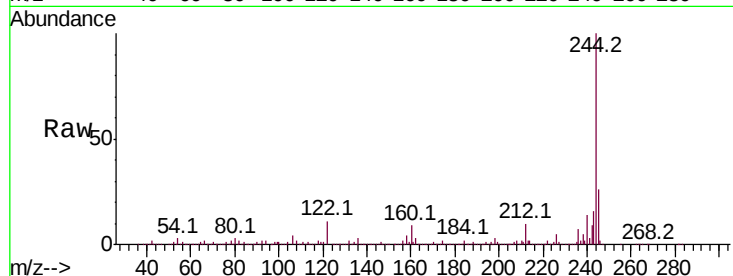
Tot Ion:244 Resp: 1790480

Ion Ratio Lower Upper

244 100

212 9.5 6.6 10.0

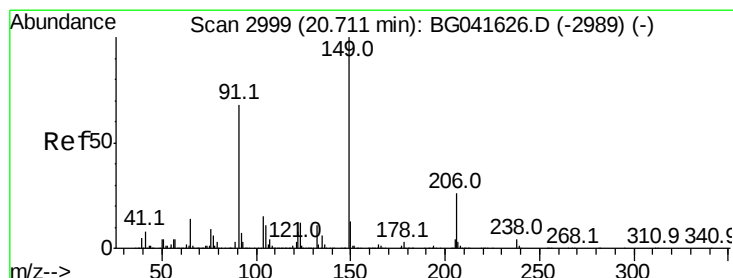
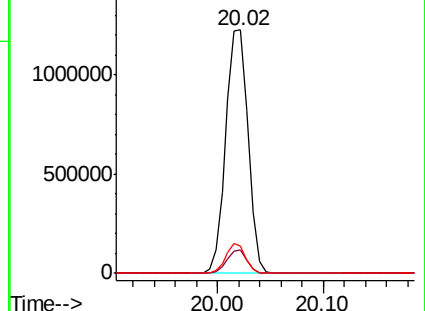
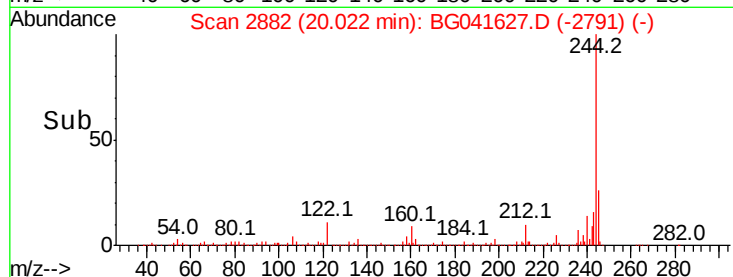
122 11.3 5.0 7.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.891 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

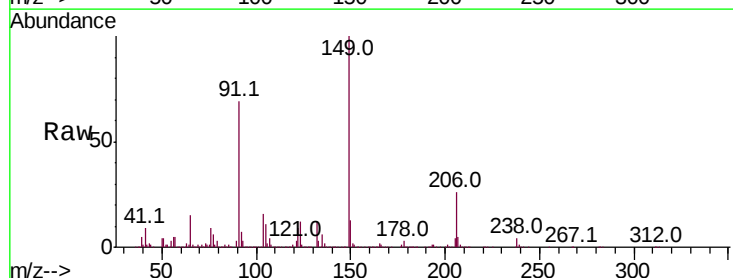
Tgt Ion:149 Resp: 633186

Ion Ratio Lower Upper

149 100

91 69.2 53.2 79.8

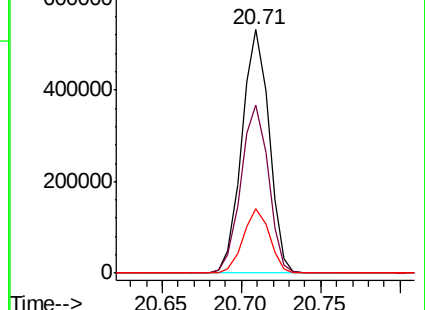
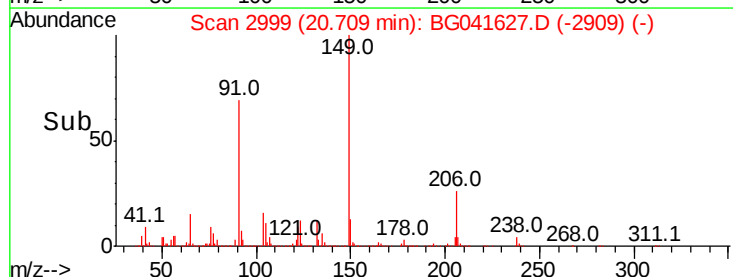
206 26.4 20.3 30.5

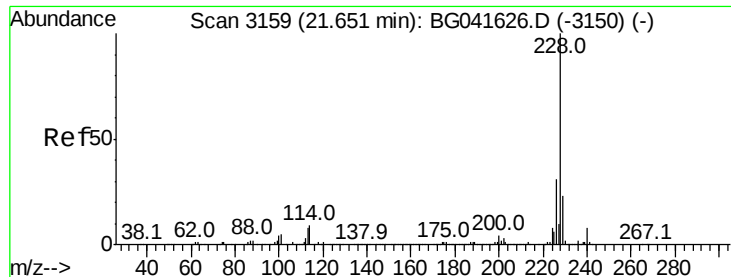


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

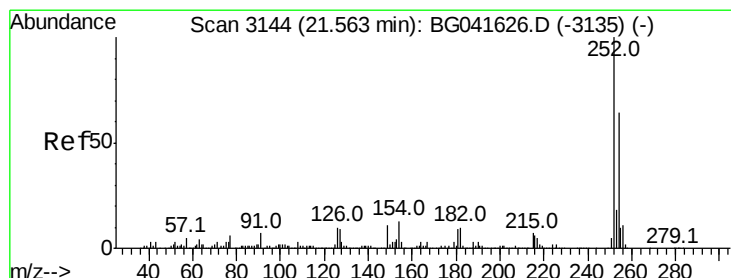
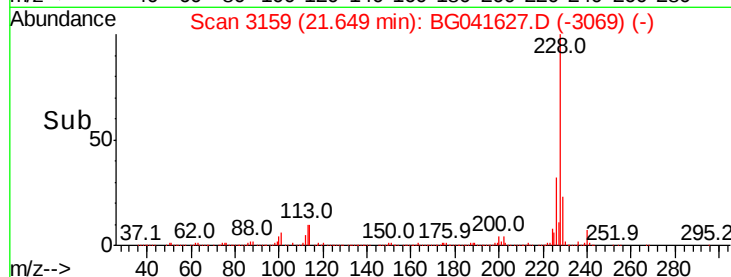
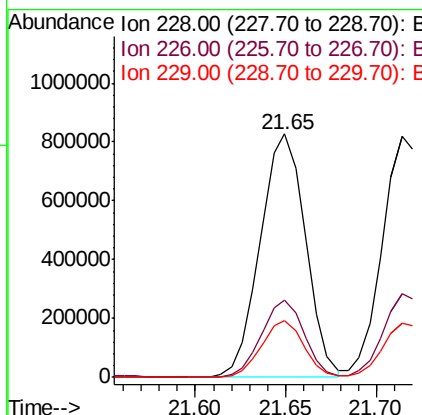
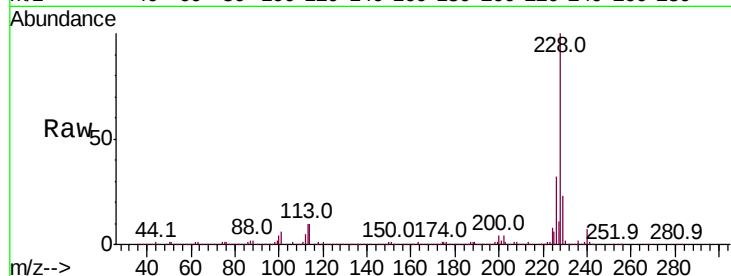




#81
Benzo(a)anthracene
Concen: 46.950 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

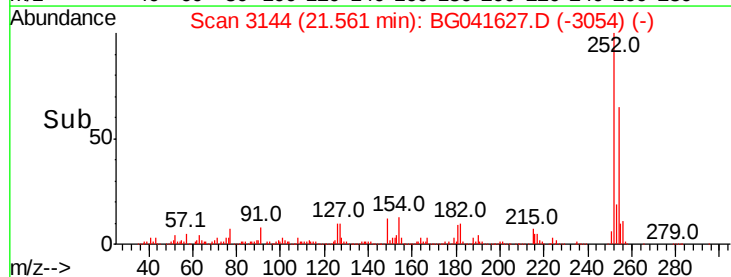
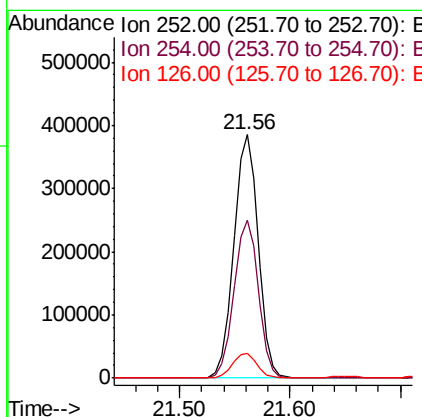
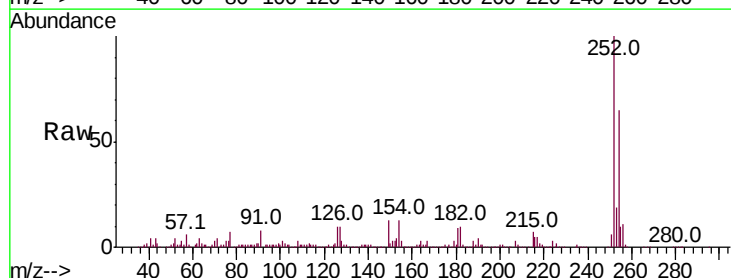
Instrument :
BNA_G
ClientSampleId :

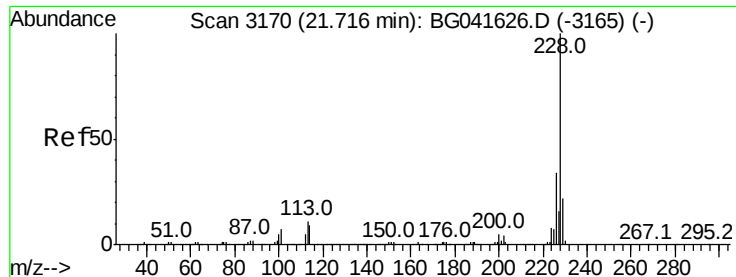
Tot Ion:228 Resp: 1437526
Ion Ratio Lower Upper
228 100
226 31.9 23.2 34.8
229 23.1 16.8 25.2



#82
3,3'-Dichlorobenzidine
Concen: 55.542 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:252 Resp: 596974
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.0
126 10.0 6.0 9.0#

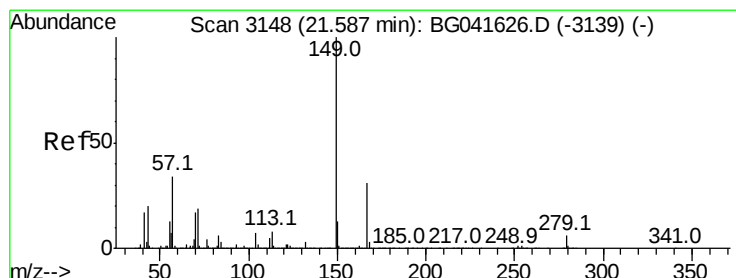
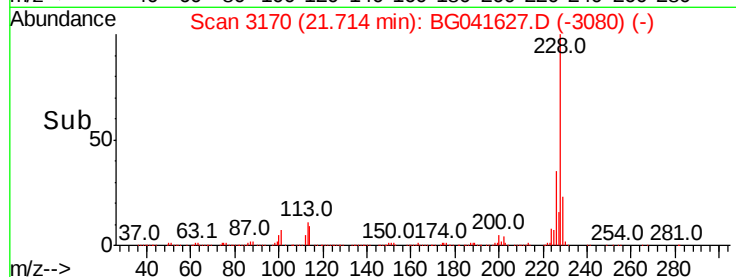
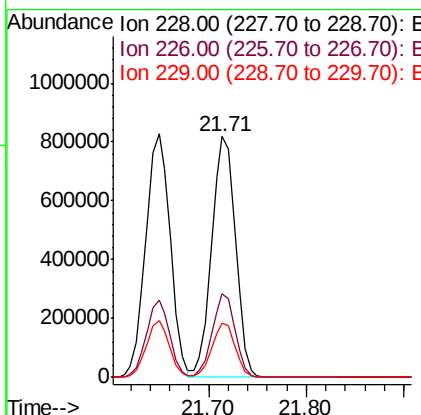
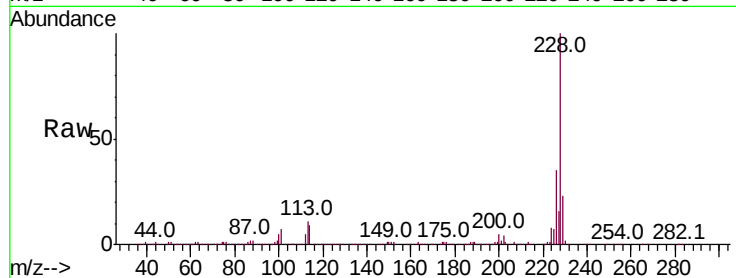




#83
Chrysene
Concen: 47.123 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

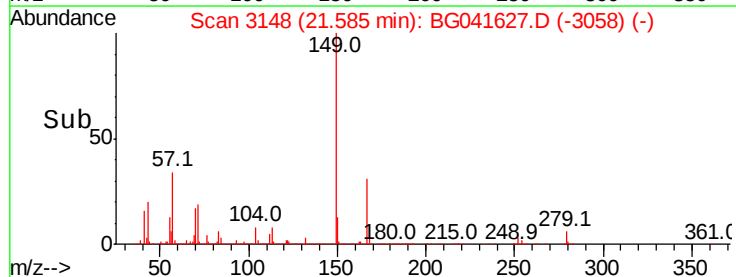
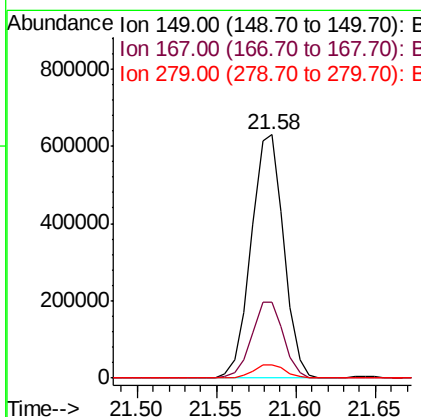
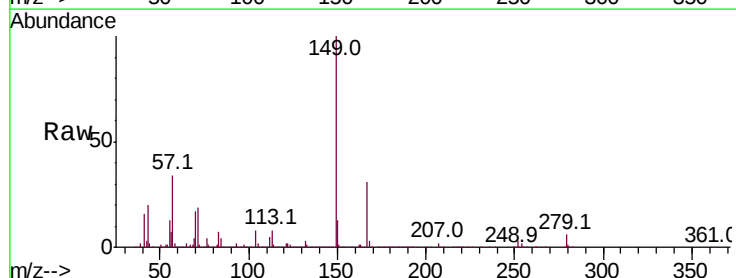
Instrument :
BNA_G
ClientSampleId :

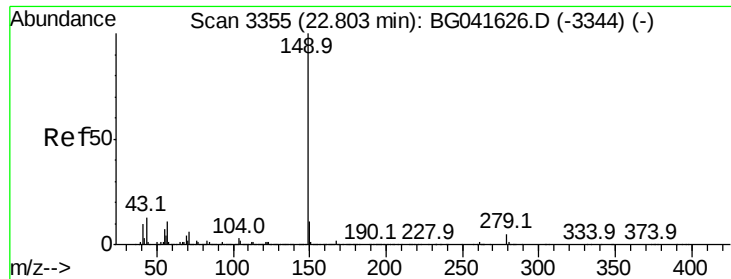
Tot Ion:228 Resp: 1387542
Ion Ratio Lower Upper
228 100
226 34.9 25.4 38.0
229 22.7 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.077 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:149 Resp: 897270
Ion Ratio Lower Upper
149 100
167 31.2 23.8 35.8
279 5.6 4.4 6.6

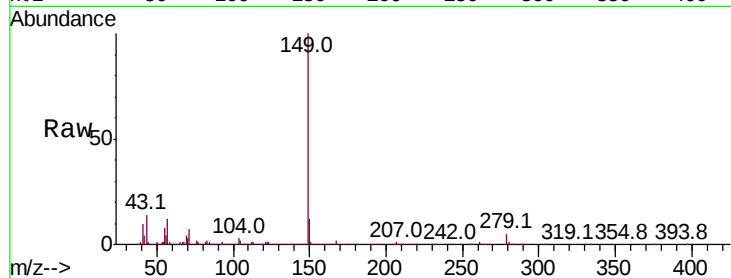




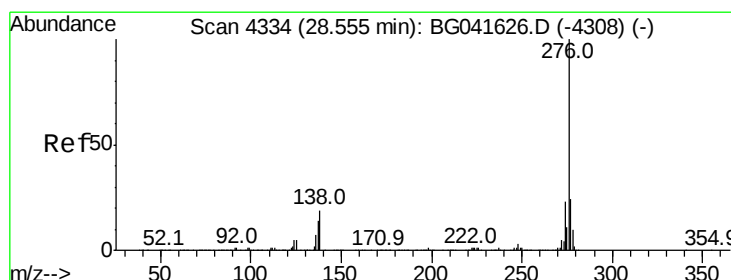
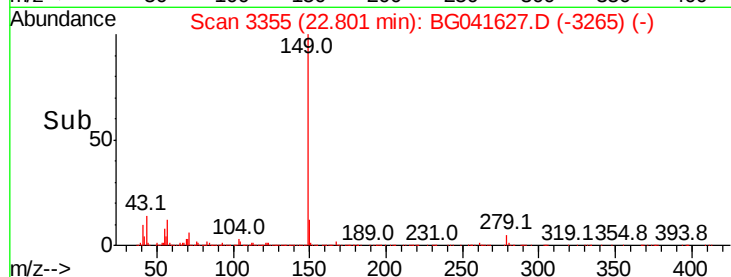
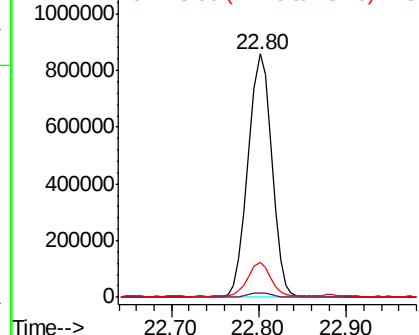
#85
Di-n-octyl phthalate
Concen: 59.097 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 1571782
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 13.2 8.2 12.2#

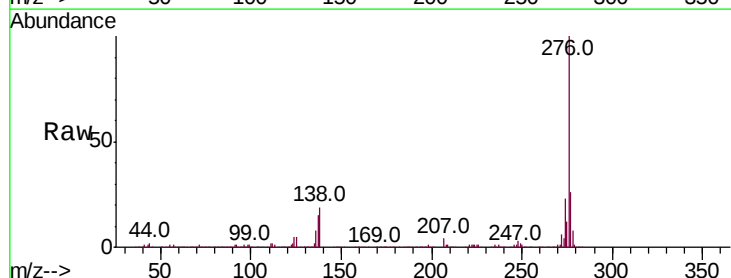


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

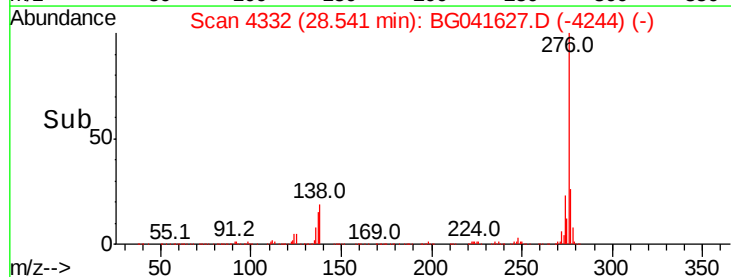
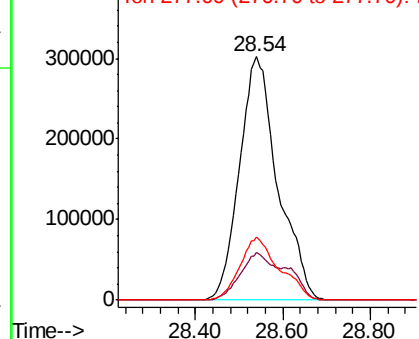


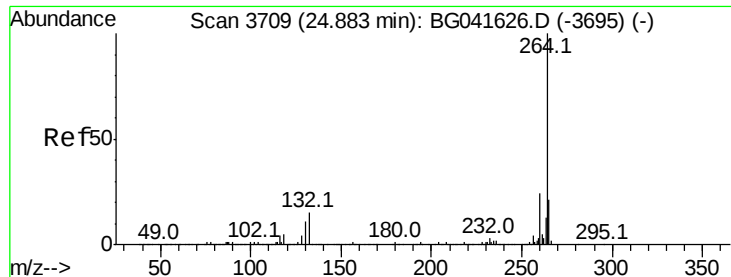
#86
Indeno(1,2,3-cd)pyrene
Concen: 51.281 ng
RT: 28.54 min Scan# 4332
Delta R.T. -0.01 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:276 Resp: 1791479
Ion Ratio Lower Upper
276 100
138 17.2 7.7 11.5#
277 26.6 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

Instrument :

BNA_G

ClientSampled :

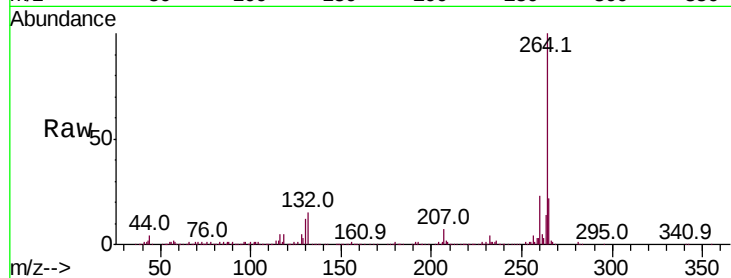
Tot Ion:264 Resp: 520171

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.2

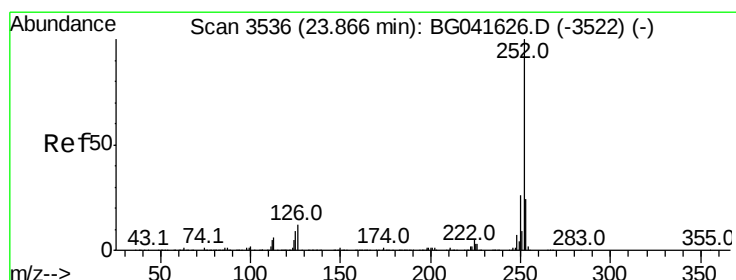
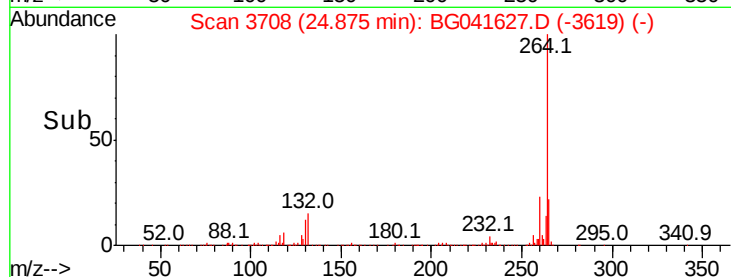
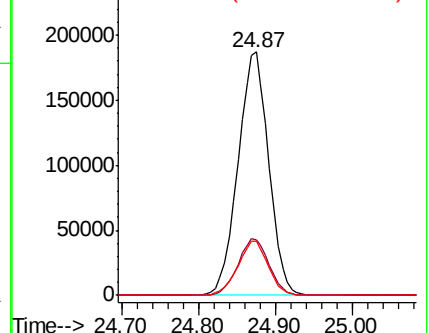
265 22.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.264 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG041627.D

Acq: 11 Jul 2019 20:09

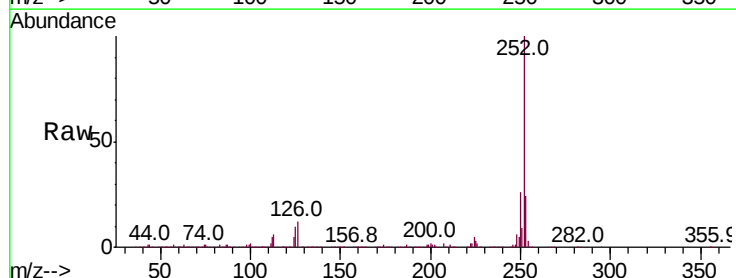
Tgt Ion:252 Resp: 1555878

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.0

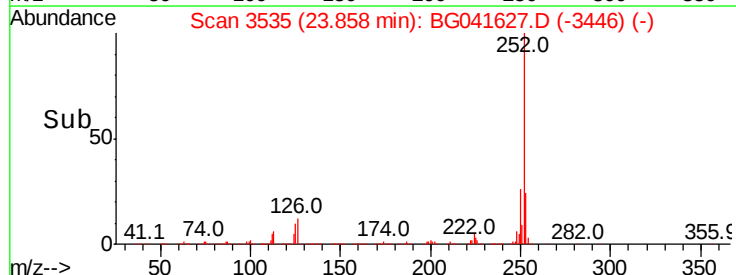
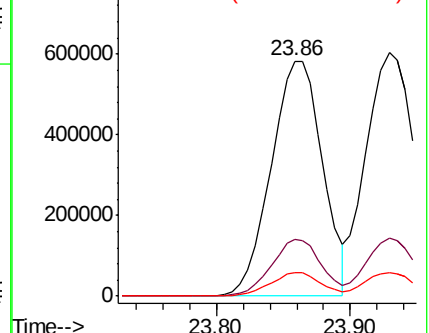
125 9.8 3.9 5.9#

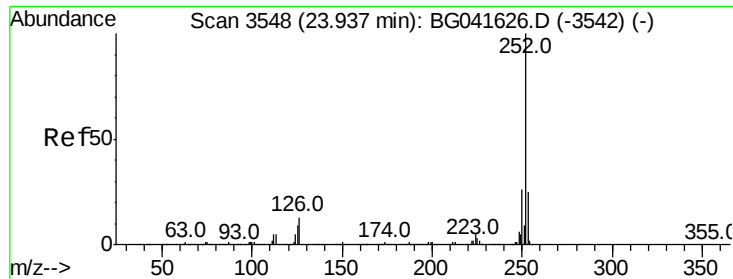


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

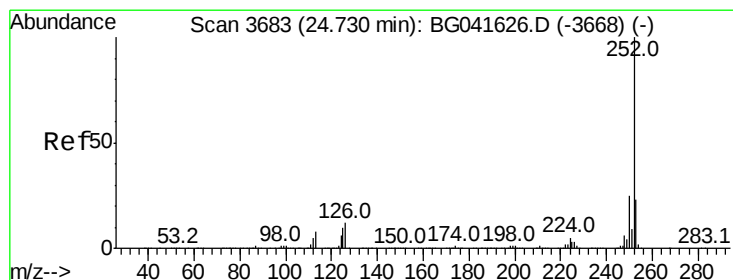
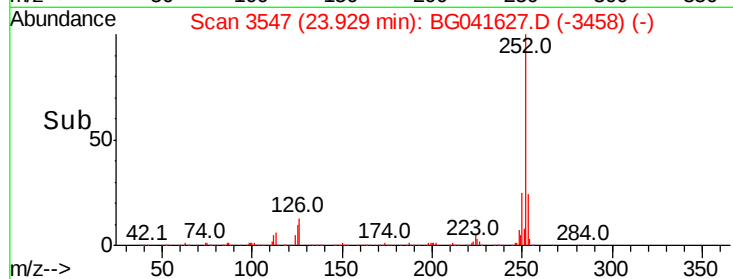
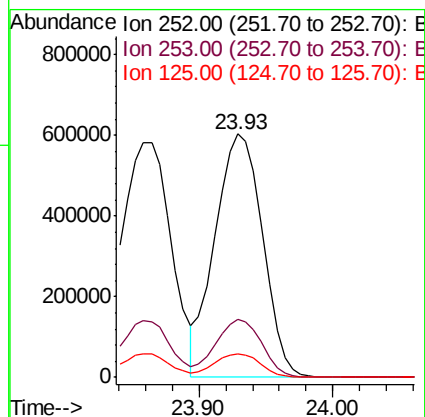
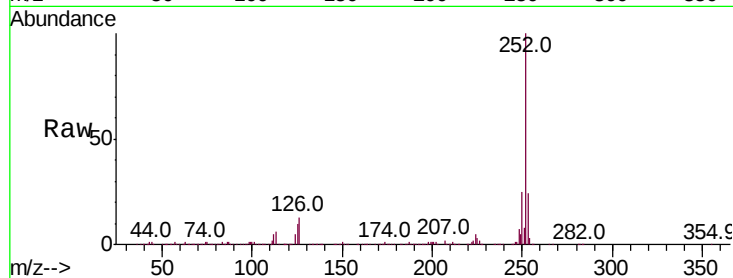




#89
Benzo(k)fluoranthene
Concen: 46.921 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

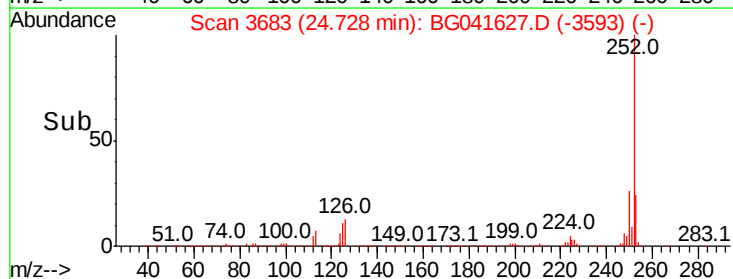
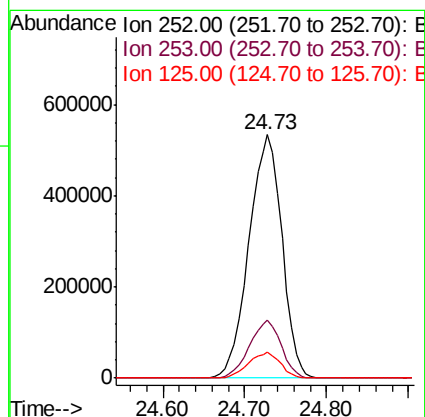
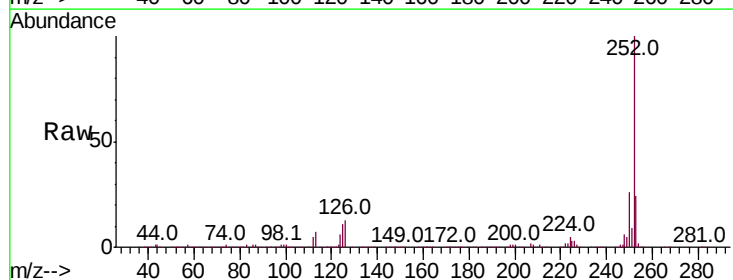
Instrument :
BNA_G
ClientSampleId :

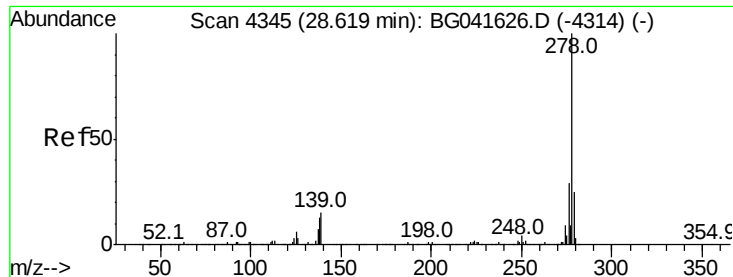
Tot Ion:252 Resp: 1498437
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 9.7 4.3 6.5#



#90
Benzo(a)pyrene
Concen: 49.105 ng
RT: 24.73 min Scan# 3683
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:252 Resp: 1495004
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 10.5 4.2 6.4#

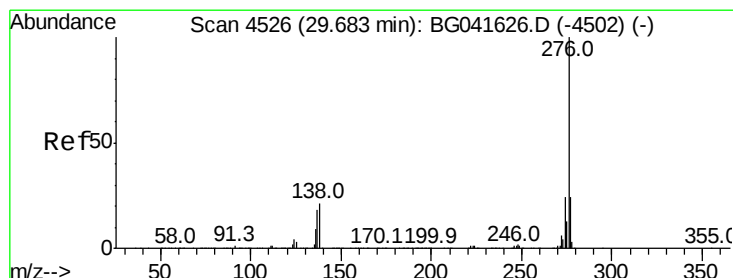
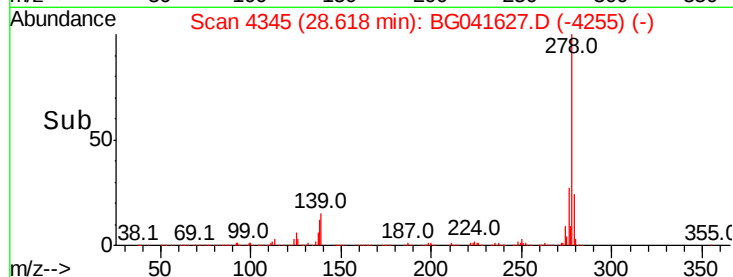
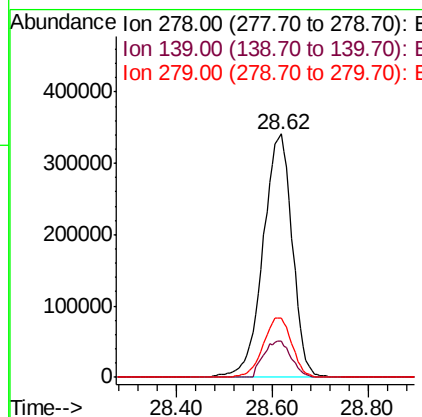
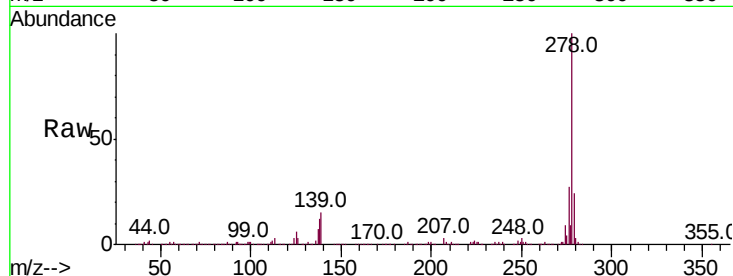




#91
Dibenzo(a,h)anthracene
Concen: 47.024 ng
RT: 28.62 min Scan# 4345
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1441330
Ion Ratio Lower Upper
278 100
139 14.9 6.6 10.0#
279 24.4 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 47.250 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.00 min
Lab File: BG041627.D
Acq: 11 Jul 2019 20:09

Tgt Ion:276 Resp: 1431217
Ion Ratio Lower Upper
276 100
277 25.6 17.9 26.9
138 20.4 9.4 14.0#

