

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041694.D
 Acq On : 17 Jul 2019 19:04
 Operator : HP/JU
 Sample : K3835-07MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Quant Time: Jul 18 07:10:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	106907	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	426679	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	272987	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	663269	20.00	ng	0.00
76) Chrysene-d12	21.66	240	657219	20.00	ng	0.00
87) Perylene-d12	24.85	264	773835	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	822439	125.76	ng	0.00
7) Phenol-d6	7.20	99	1112649	126.49	ng	0.00
23) Nitrobenzene-d5	9.21	82	678715	96.74	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	469885	152.73	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1520707	86.26	ng	0.00
79) Terphenyl-d14	20.01	244	2323474	82.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	95741	30.825	ng	99
3) Pyridine	3.90	79	73002	8.805	ng	98
4) n-Nitrosodimethylamine	3.80	42	135575	35.409	ng	97
6) Aniline	7.37	93	284691	24.082	ng	99
8) 2-Chlorophenol	7.61	128	297757	40.218	ng	96
9) Benzaldehyde	7.17	77	164981	28.197	ng	96
10) Phenol	7.23	94	372753	40.222	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	276300	36.916	ng	98
12) 1,3-Dichlorobenzene	7.94	146	324620	36.747	ng	99
13) 1,4-Dichlorobenzene	8.08	146	326123	36.864	ng	99
14) 1,2-Dichlorobenzene	8.40	146	307547	36.872	ng	94
15) Benzyl Alcohol	8.28	79	265958	37.979	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	547695	35.314	ng	99
17) 2-Methylphenol	8.48	107	260907	40.710	ng	98
18) Hexachloroethane	9.14	117	117198	36.169	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	236839	36.838	ng	99
20) 3+4-Methylphenols	8.81	107	358089	40.772	ng	99
22) Acetophenone	8.87	105	432665	41.634	ng	# 97
24) Nitrobenzene	9.25	77	325638	42.547	ng	99
25) Isophorone	9.77	82	626280	40.765	ng	98
26) 2-Nitrophenol	9.96	139	167547	47.747	ng	99
27) 2,4-Dimethylphenol	10.02	122	303459	49.922	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	381740	40.316	ng	98
29) 2,4-Dichlorophenol	10.49	162	318139	45.905	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	333754	41.015	ng	96
31) Naphthalene	10.90	128	868001	41.321	ng	100
32) Benzoic acid	10.02	122	303459	63.536	ng	# 15
33) 4-Chloroaniline	11.00	127	261375	26.975	ng	99
34) Hexachlorobutadiene	11.20	225	206955	39.570	ng	97
35) Caprolactam	11.77	113	124957	49.054	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	331124	45.607	ng	99
37) 2-Methylnaphthalene	12.50	142	670546	41.782	ng	99
38) 1-Methylnaphthalene	12.72	142	633389	41.397	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	389072	41.608	ng	99

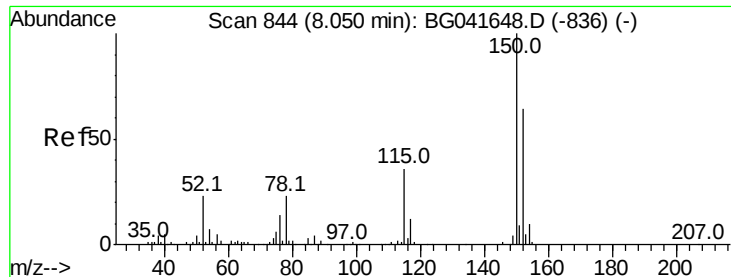
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041694.D
 Acq On : 17 Jul 2019 19:04
 Operator : HP/JU
 Sample : K3835-07MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Quant Time: Jul 18 07:10:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	529748	100.150	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	281868	46.392	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	308422	48.180	nq	96
46) 1,1'-Biphenyl	13.51	154	847974	41.462	nq	99
47) 2-Chloronaphthalene	13.55	162	682133	40.020	nq	98
48) 2-Nitroaniline	13.74	65	225039	45.346	nq	95
49) Acenaphthylene	14.39	152	1086432	40.830	nq	99
50) Dimethylphthalate	14.12	163	1538561	71.761	nq	98
51) 2,6-Dinitrotoluene	14.23	165	204858	45.047	nq	98
52) Acenaphthene	14.73	154	705367	42.065	nq	99
53) 3-Nitroaniline	14.55	138	180098	36.278	nq	95
54) 2,4-Dinitrophenol	14.76	184	134785	60.707	nq	98
55) Dibenzofuran	15.06	168	1046009	41.570	nq	98
56) 4-Nitrophenol	14.86	139	413391	102.853	nq	99
57) 2,4-Dinitrotoluene	15.01	165	294736	49.029	nq	99
58) Fluorene	15.71	166	846942	41.366	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	307967	52.111	nq	96
60) Diethylphthalate	15.48	149	898762	41.611	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	481356	41.591	nq	97
62) 4-Nitroaniline	15.72	138	242699	46.096	nq	99
63) Azobenzene	15.99	77	791476	40.532	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	155879	49.297	nq	97
66) n-Nitrosodiphenylamine	15.91	169	797577	40.948	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	324037	41.059	nq	99
68) Hexachlorobenzene	16.72	284	319283	40.176	nq	97
69) Atrazine	16.86	200	332811	47.084	nq	99
70) Pentachlorophenol	17.05	266	479837	96.564	nq	99
71) Phenanthrene	17.44	178	1391588	41.661	nq	97
72) Anthracene	17.53	178	1432192	43.015	nq	97
73) Carbazole	17.80	167	1342975	43.491	nq	99
74) Di-n-butylphthalate	18.37	149	1532874	40.701	nq	97
75) Fluoranthene	19.45	202	1709482	41.679	nq	96
78) Pyrene	19.81	202	1733788	39.006	nq	97
80) Butylbenzylphthalate	20.69	149	749949	40.602	nq	95
81) Benzo(a)anthracene	21.63	228	1713112	40.343	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	547774	32.782	nq	98
83) Chrysene	21.70	228	1664551	41.024	nq	97
84) Bis(2-ethylhexyl)phthalate	21.56	149	1045885	40.104	nq	99
85) Di-n-octyl phthalate	22.77	149	1827771	41.154	nq	98
86) Indeno(1,2,3-cd)pyrene	28.50	276	2206164	41.207	nq	# 91
88) Benzo(b)fluoranthene	23.84	252	1902541	40.532	nq	98
89) Benzo(k)fluoranthene	23.91	252	1826790	42.001	nq	98
90) Benzo(a)pyrene	24.70	252	1878633	42.301	nq	98
91) Dibenzo(a,h)anthracene	28.57	278	1804274	41.901	nq	98
92) Benzo(g,h,i)perylene	29.64	276	1836748	42.565	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

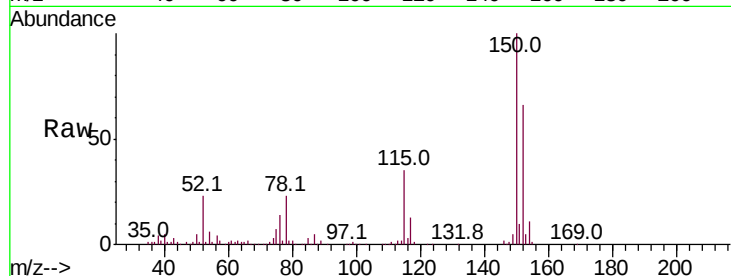
Tot Ion:152 Resp: 106907

Ion Ratio Lower Upper

152 100

150 151.0 126.9 190.3

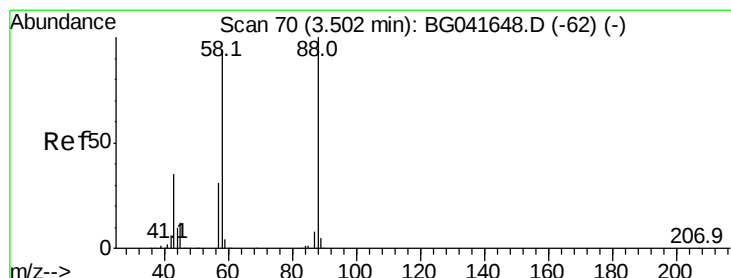
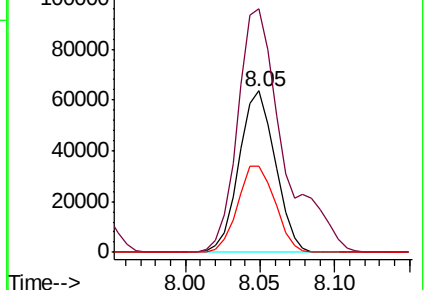
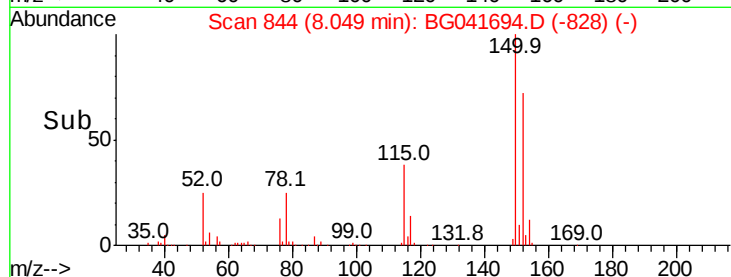
115 53.1 45.0 67.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.825 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

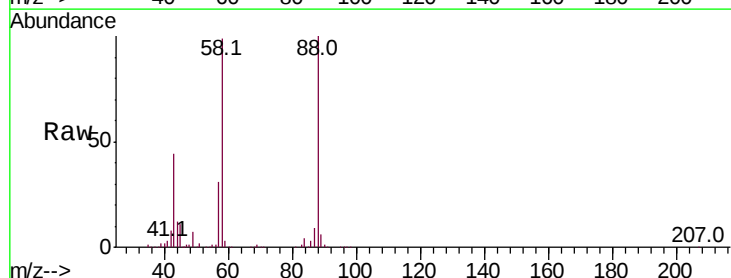
Tgt Ion: 88 Resp: 95741

Ion Ratio Lower Upper

88 100

58 94.7 76.2 114.2

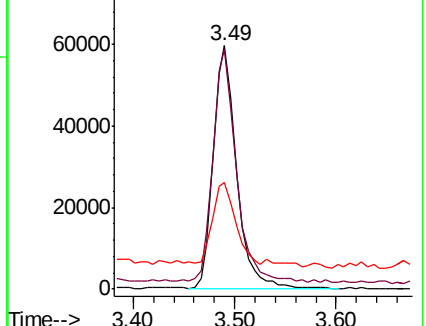
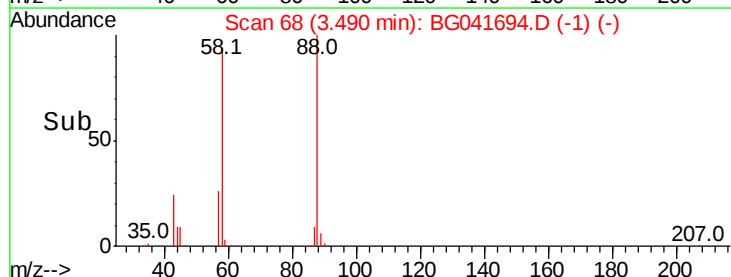
43 32.2 27.2 40.8

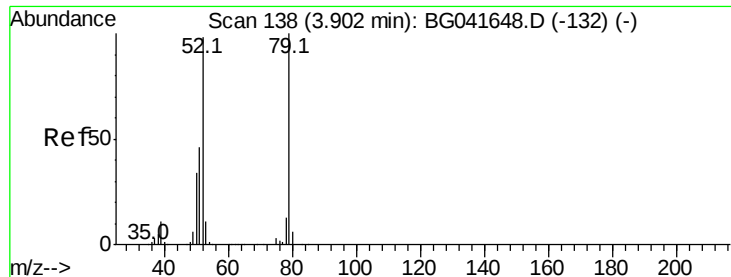


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 8.805 ng

RT: 3.90 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

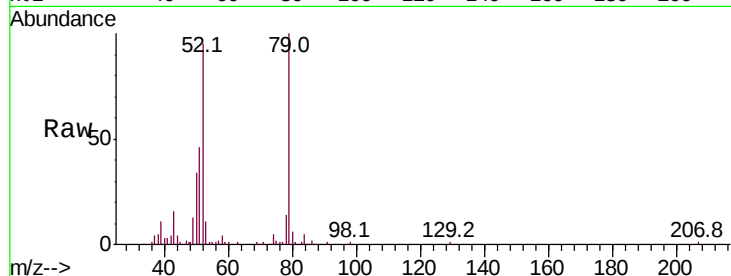
Tot Ion: 79 Resp: 73002

Ion Ratio Lower Upper

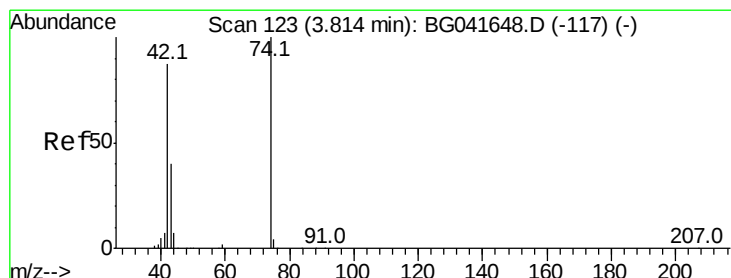
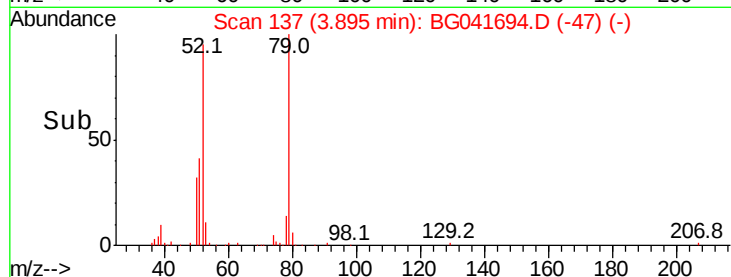
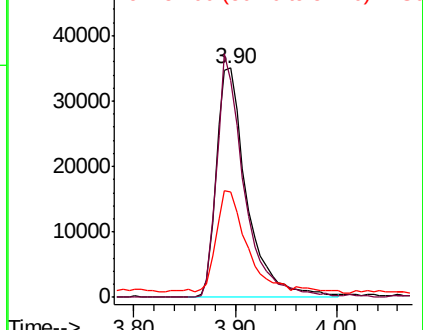
79 100

52 94.9 77.1 115.7

51 46.0 37.8 56.8



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



#4

n-Nitrosodimethylamine

Concen: 35.409 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

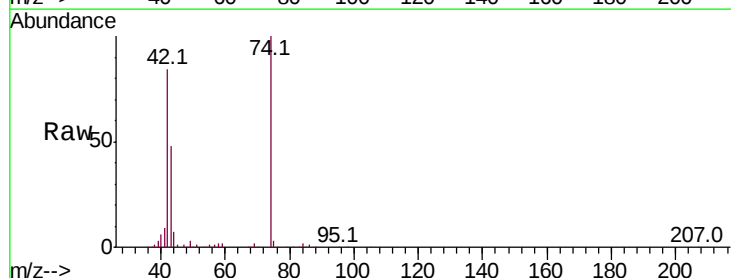
Tgt Ion: 42 Resp: 135575

Ion Ratio Lower Upper

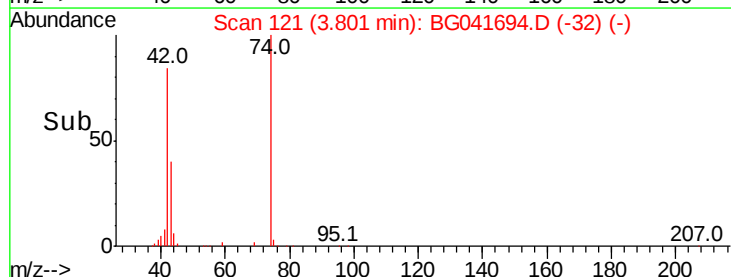
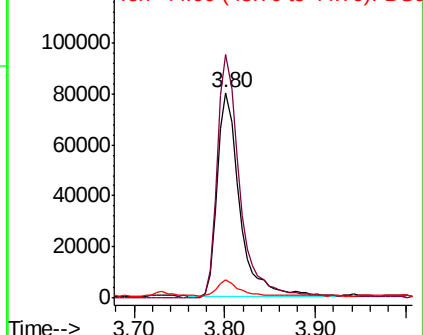
42 100

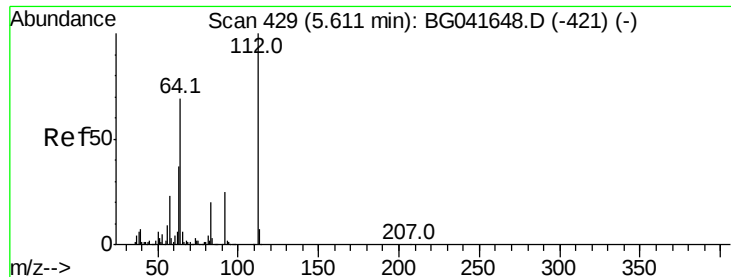
74 118.4 97.4 146.2

44 8.8 6.6 9.8



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: 125.762 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

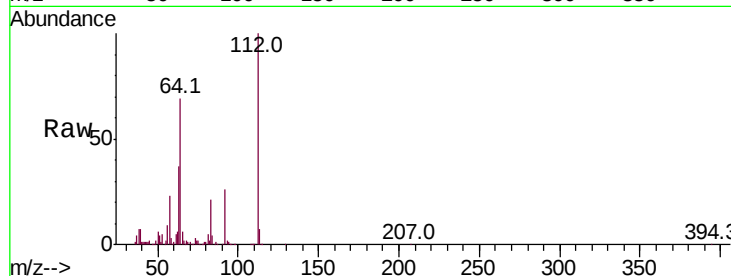
Tot Ion:112 Resp: 822439

Ion Ratio Lower Upper

112 100

64 68.7 55.4 83.2

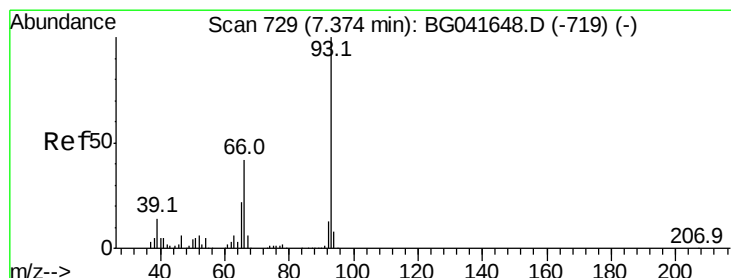
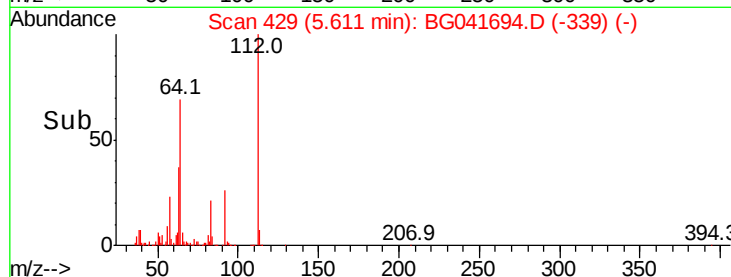
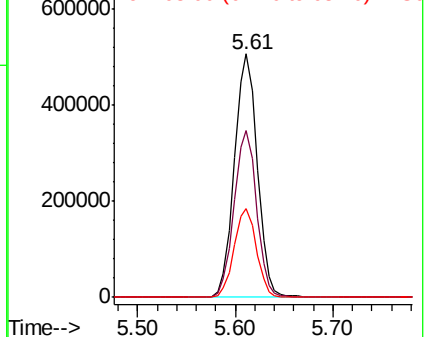
63 36.5 29.1 43.7



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: 24.082 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

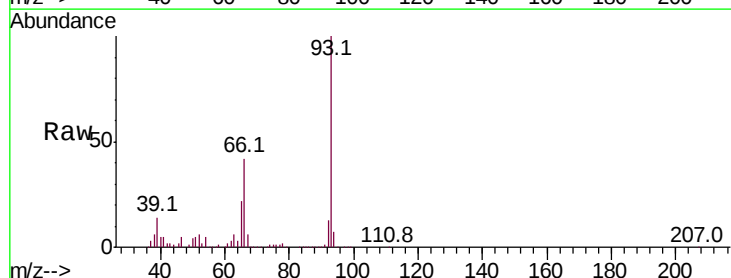
Tgt Ion: 93 Resp: 284691

Ion Ratio Lower Upper

93 100

66 41.7 34.2 51.2

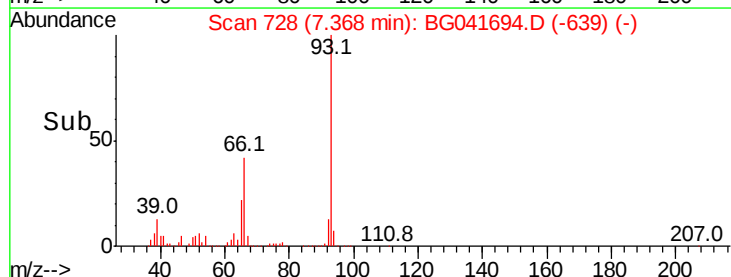
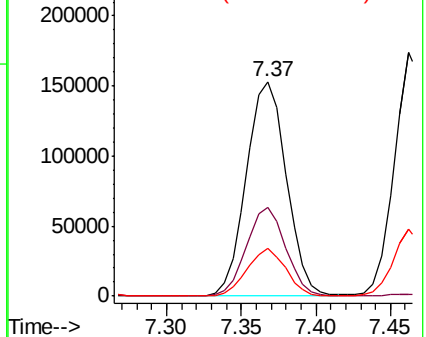
65 22.3 18.2 27.2

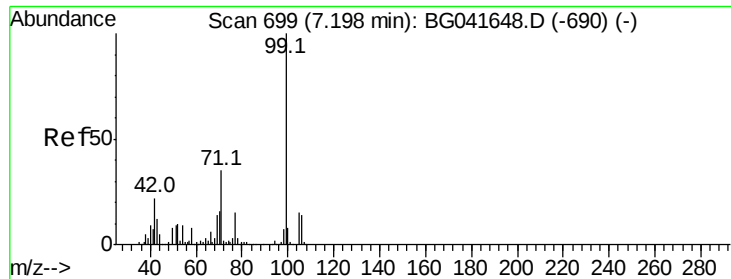


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.493 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

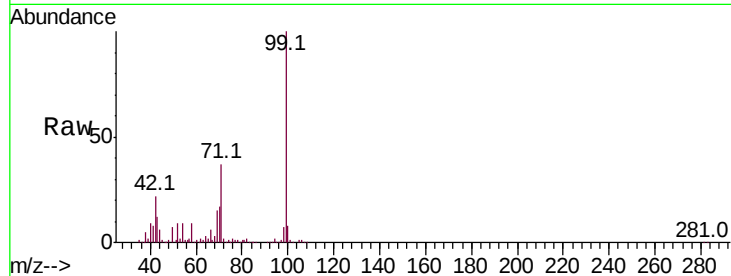
Tot Ion: 99 Resp: 1112649

Ion Ratio Lower Upper

99 100

42 21.9 17.6 26.4

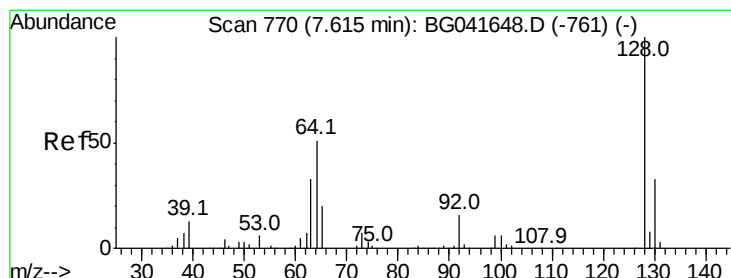
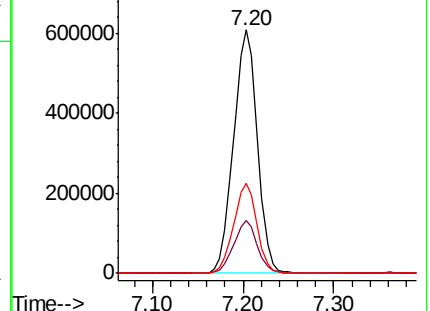
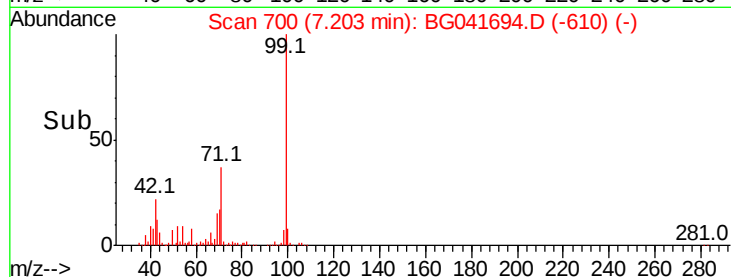
71 36.8 27.8 41.6



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: 40.218 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

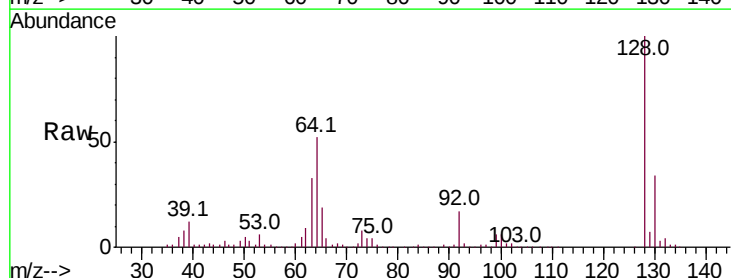
Tgt Ion:128 Resp: 297757

Ion Ratio Lower Upper

128 100

130 33.8 12.4 52.4

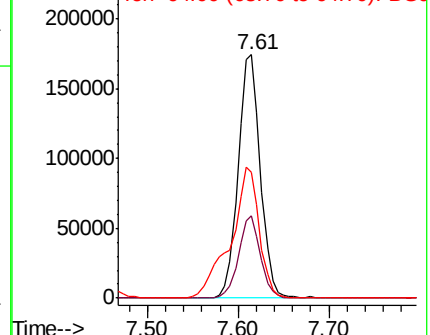
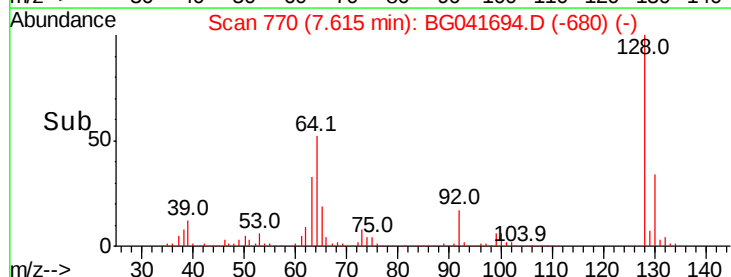
64 51.5 34.9 74.9

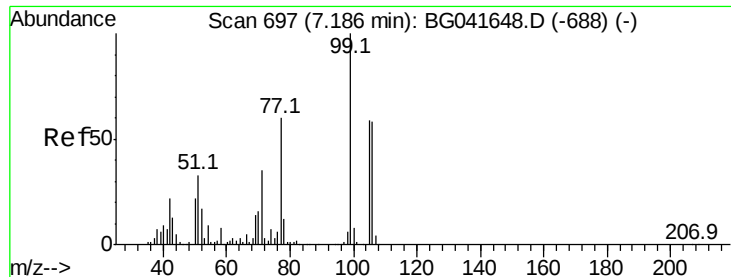


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.197 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

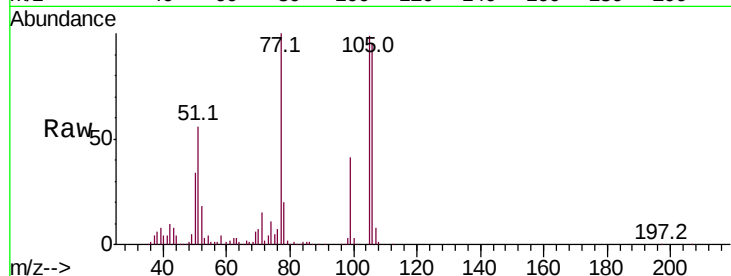
Tot Ion: 77 Resp: 164981

Ion Ratio Lower Upper

77 100

105 99.2 74.6 114.6

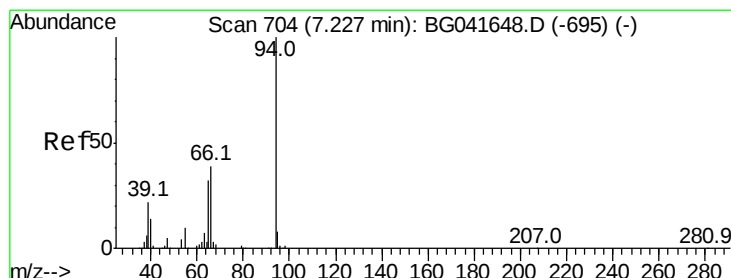
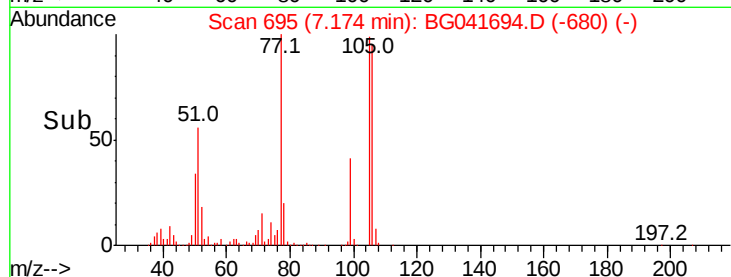
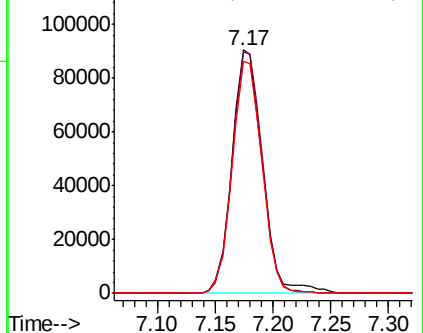
106 95.1 71.1 111.1



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: 40.222 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

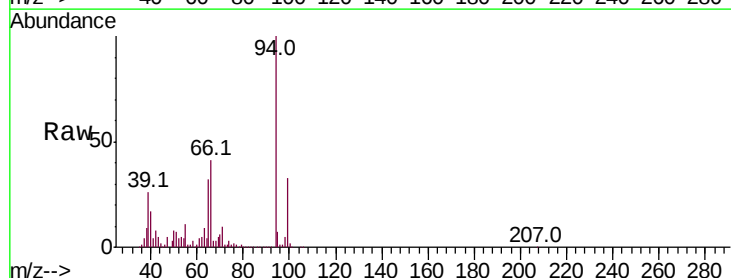
Tgt Ion: 94 Resp: 372753

Ion Ratio Lower Upper

94 100

65 31.8 10.6 50.6

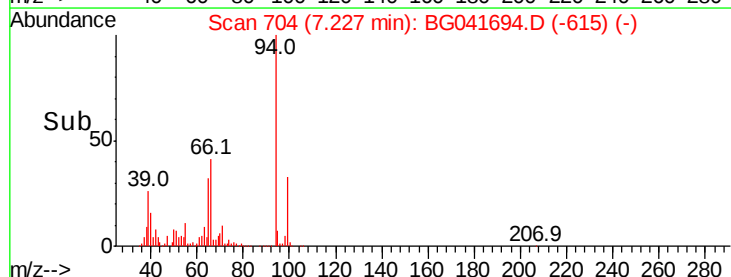
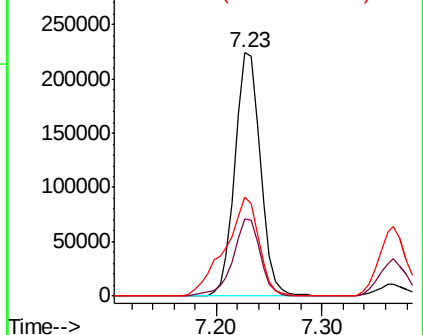
66 40.7 18.2 58.2

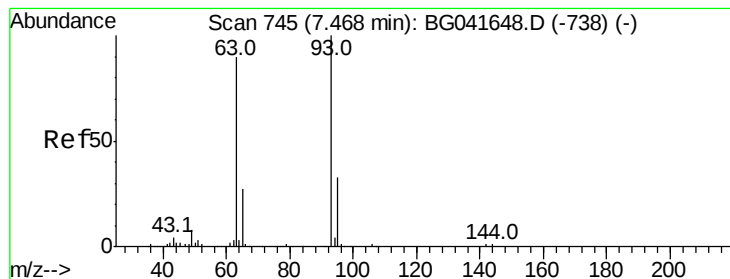


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 36.916 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

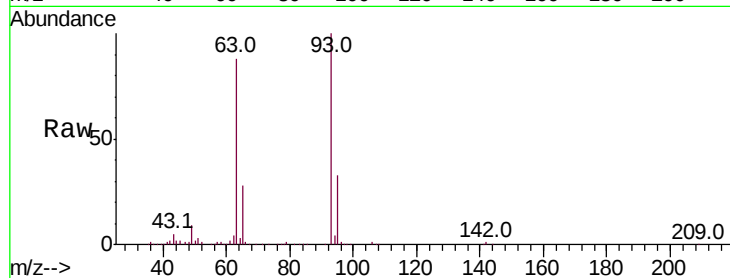
Tot Ion: 93 Resp: 276300

Ion Ratio Lower Upper

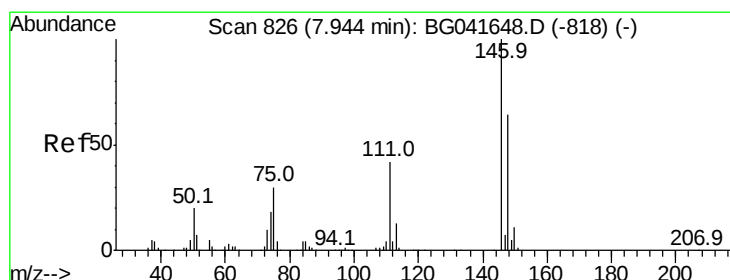
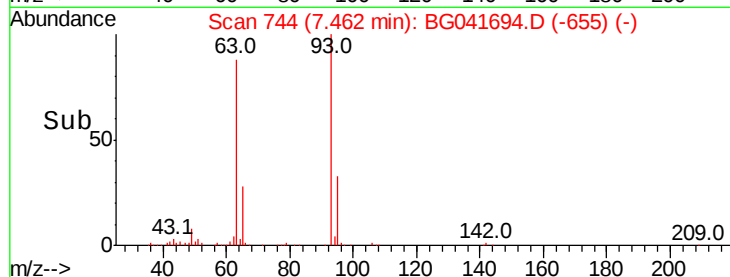
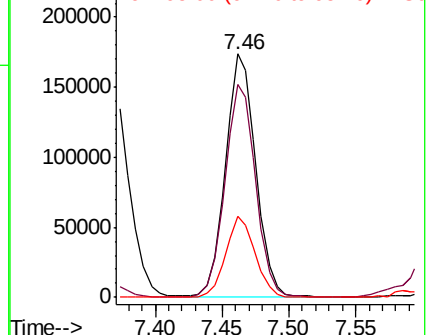
93 100

63 87.5 70.4 110.4

95 33.1 12.8 52.8



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



#12

1,3-Dichlorobenzene

Concen: 36.747 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

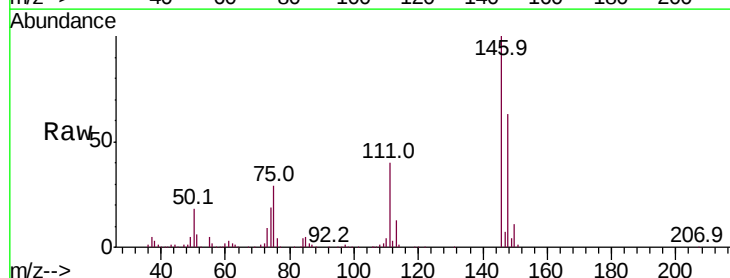
Tgt Ion: 146 Resp: 324620

Ion Ratio Lower Upper

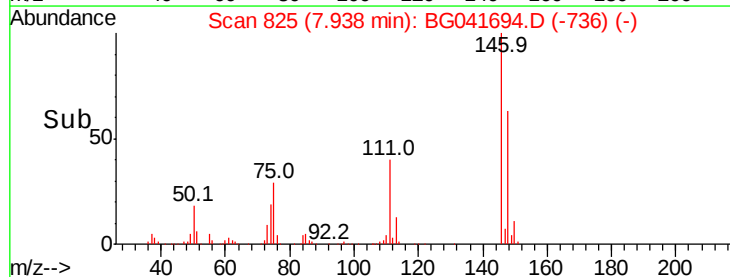
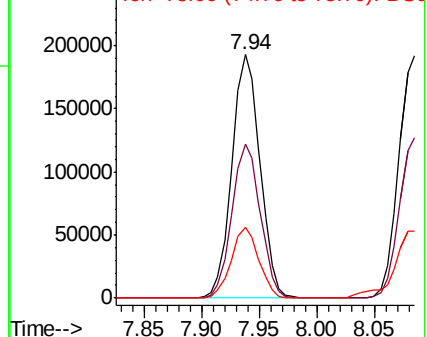
146 100

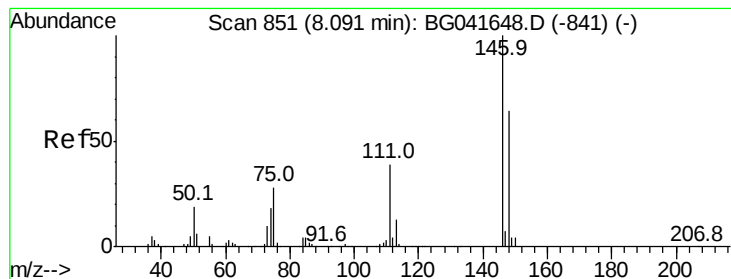
148 63.2 51.5 77.3

75 29.0 23.2 34.8



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





#13

1,4-Dichlorobenzene

Concen: 36.864 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

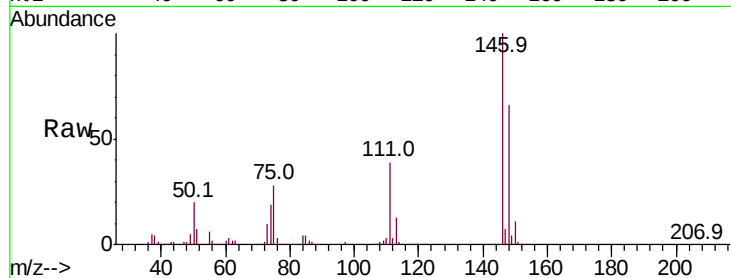
Tot Ion:146 Resp: 326123

Ion Ratio Lower Upper

146 100

148 66.2 52.6 79.0

111 39.3 32.5 48.7

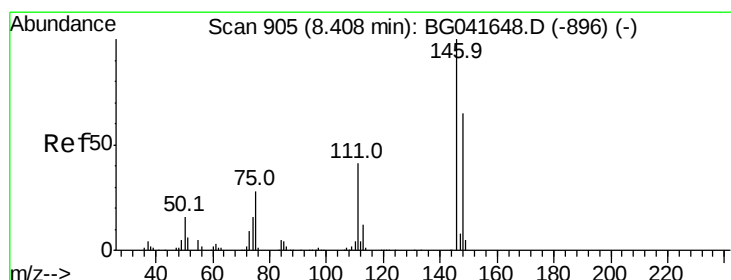
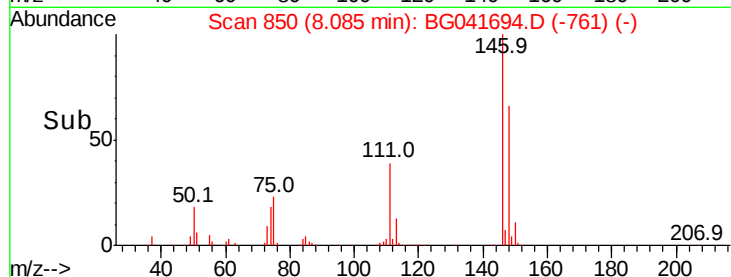
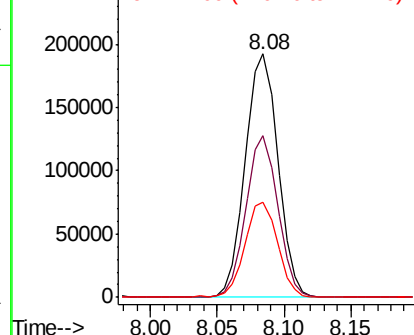


Abundance

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: 36.872 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

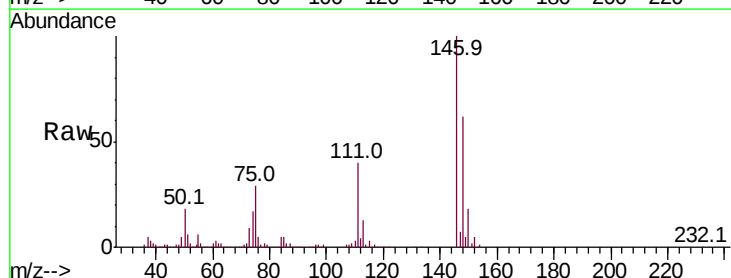
Tgt Ion:146 Resp: 307547

Ion Ratio Lower Upper

146 100

148 62.0 53.5 80.3

111 40.1 35.4 53.0

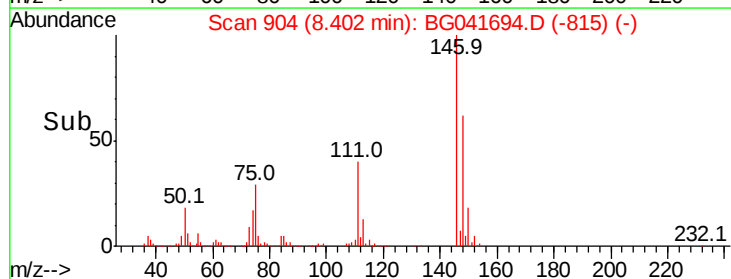
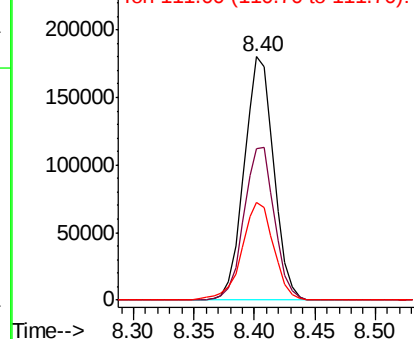


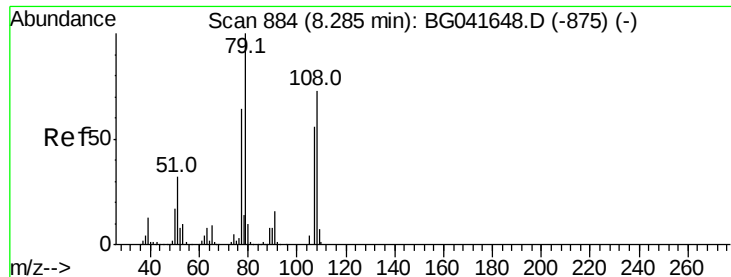
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.979 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

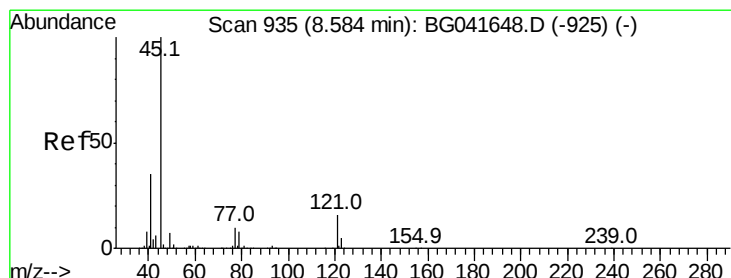
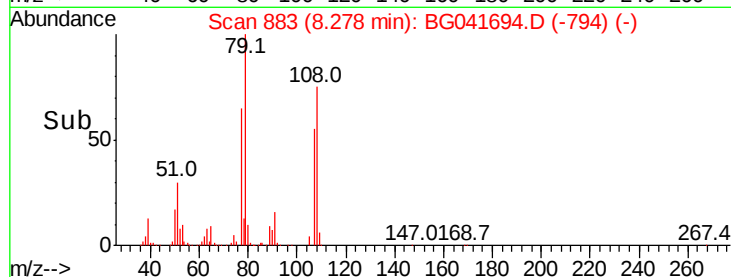
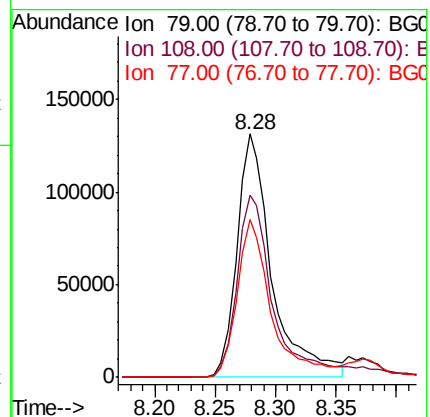
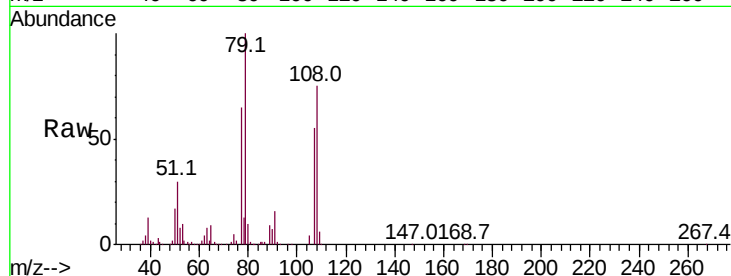
Tot Ion: 79 Resp: 265958

Ion Ratio Lower Upper

79 100

108 74.8 60.5 90.7

77 64.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.314 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

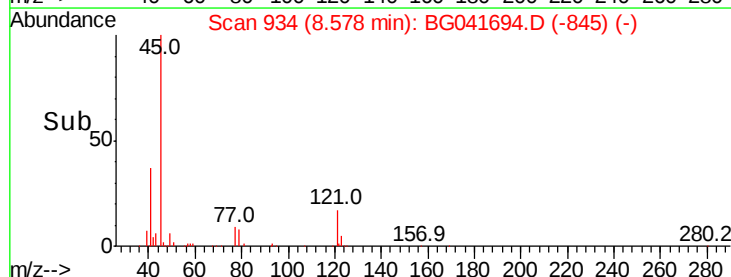
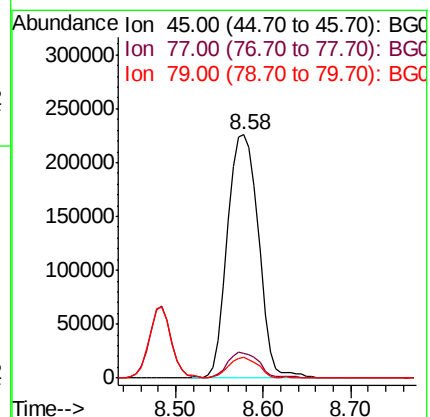
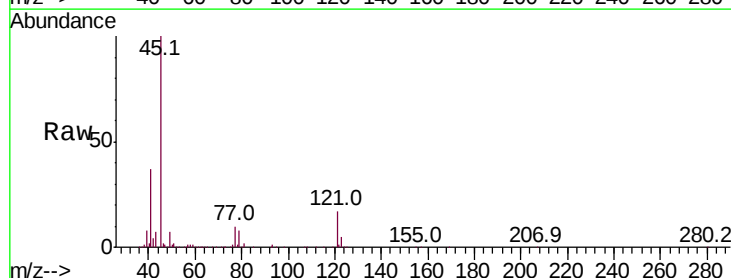
Tgt Ion: 45 Resp: 547695

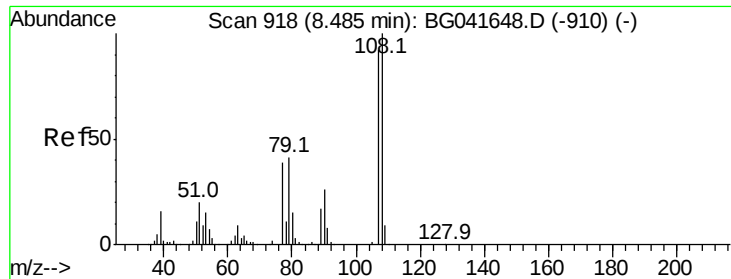
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.4

79 8.5 0.0 27.9

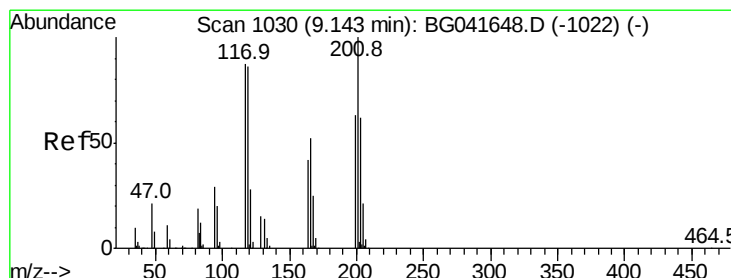
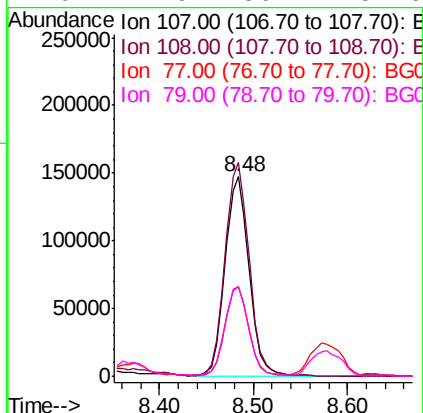
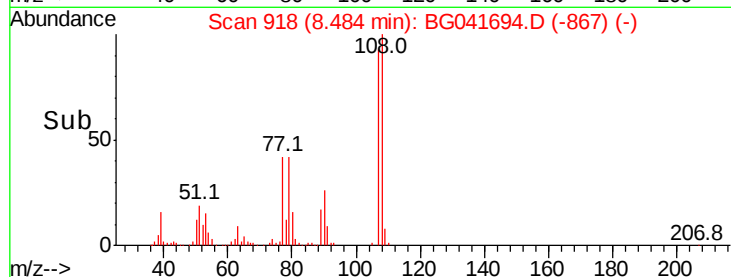
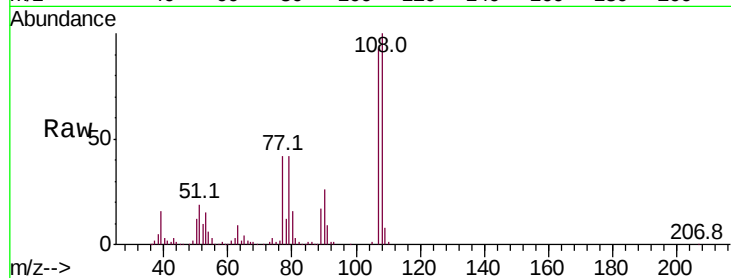




#17
2-Methylphenol
Concen: 40.710 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

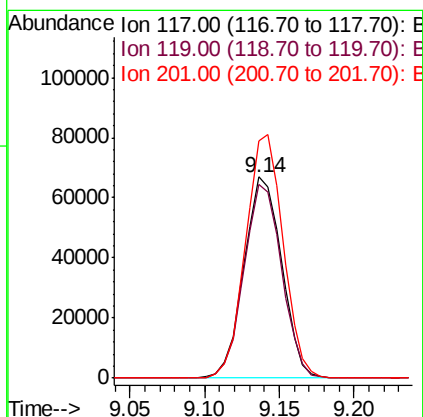
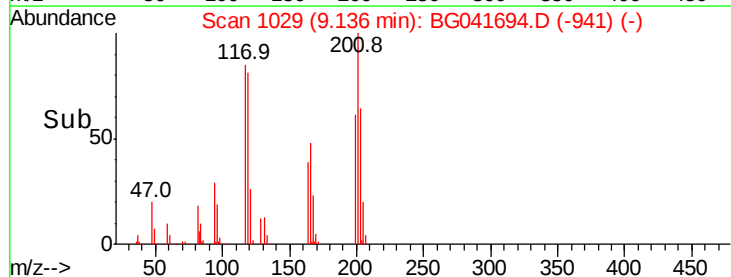
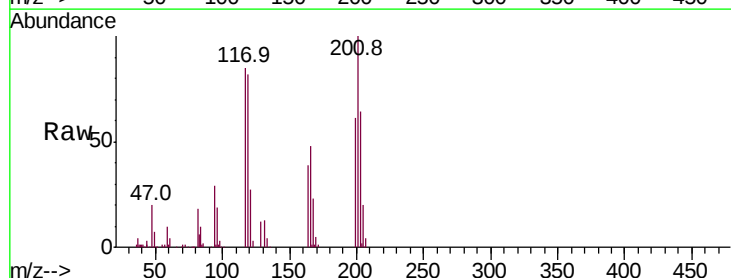
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

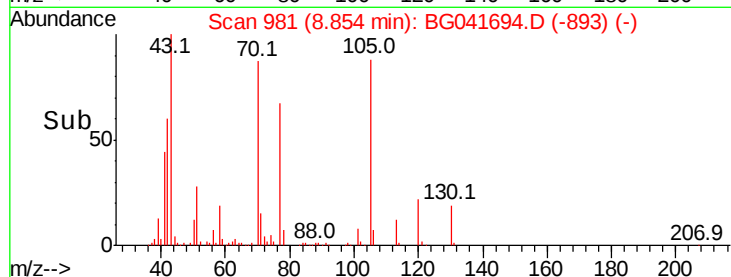
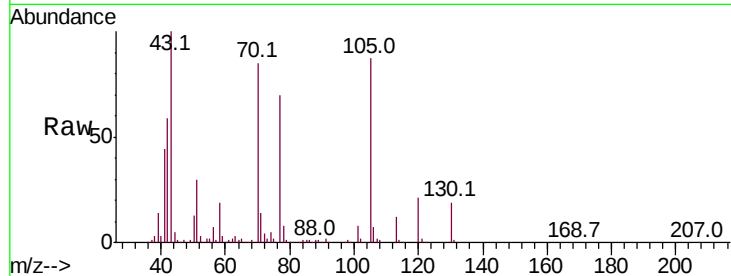
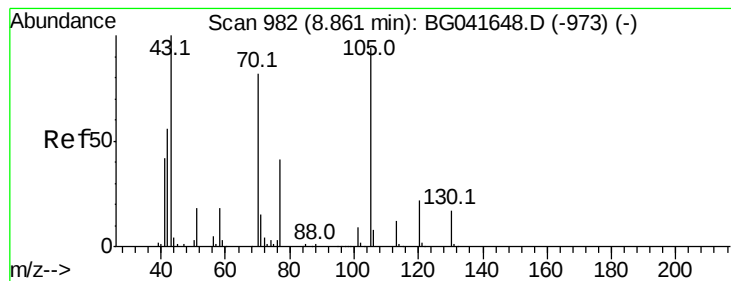
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.0	87.6	131.4
77	45.2	36.1	54.1
79	44.9	36.4	54.6



#18
Hexachloroethane
Concen: 36.169 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.2	114.2
201	118.1	94.1	141.1





#19

n-Nitroso-di-n-propylamine

Concen: 36.838 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

Tot Ion: 70 Resp: 236839

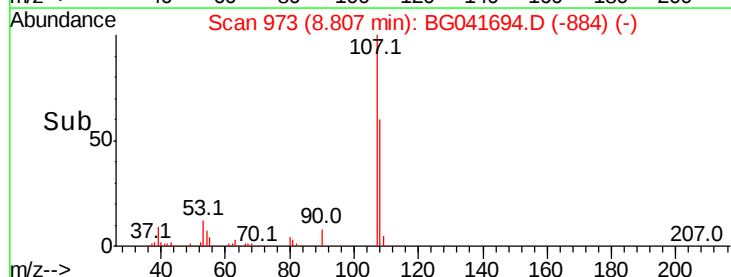
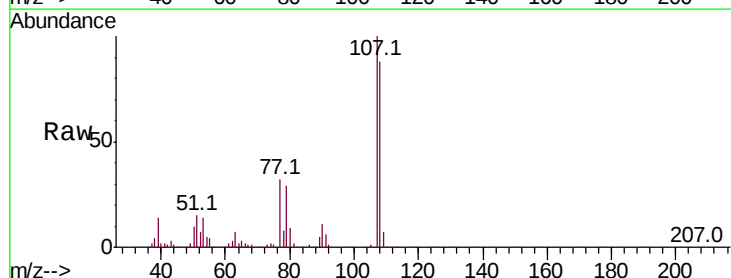
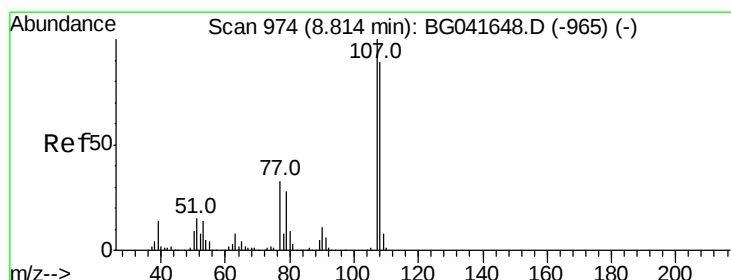
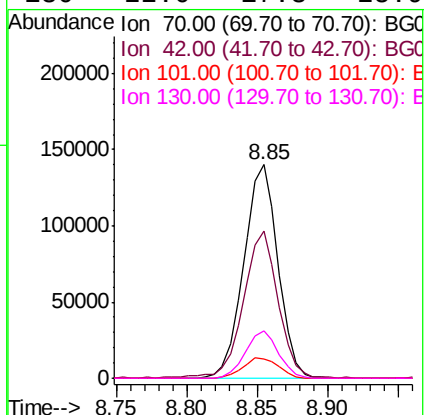
Ion Ratio Lower Upper

70 100

42 69.2 55.8 83.6

101 9.1 8.1 12.1

130 22.0 17.3 25.9



#20

3+4-Methylphenols

Concen: 40.772 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion: 107 Resp: 358089

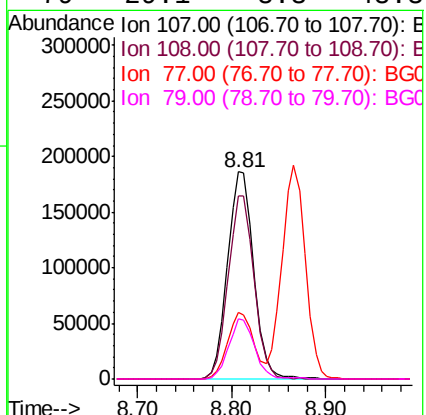
Ion Ratio Lower Upper

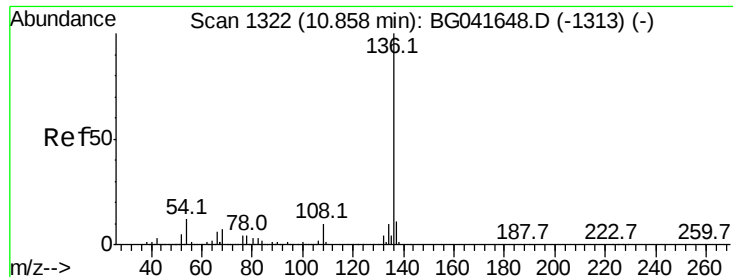
107 100

108 88.0 67.5 107.5

77 32.4 12.3 52.3

79 29.1 8.3 48.3

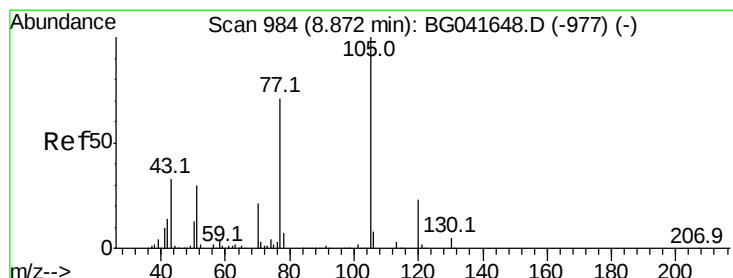
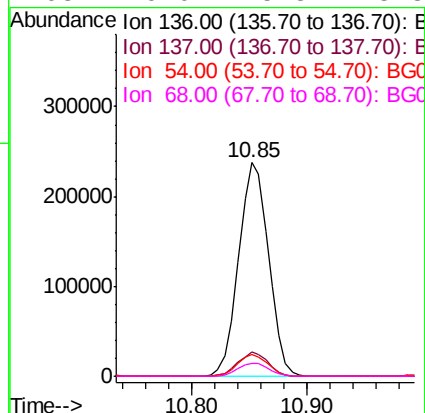
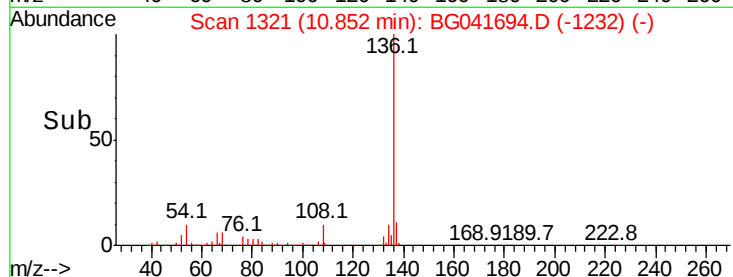
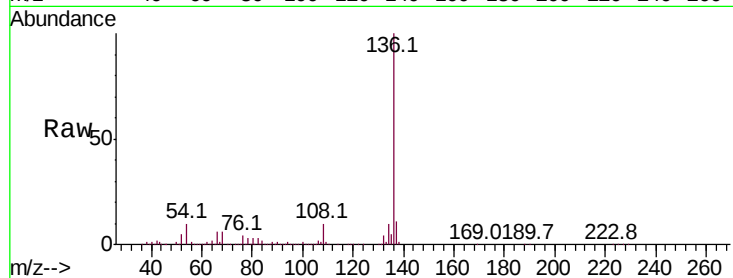




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

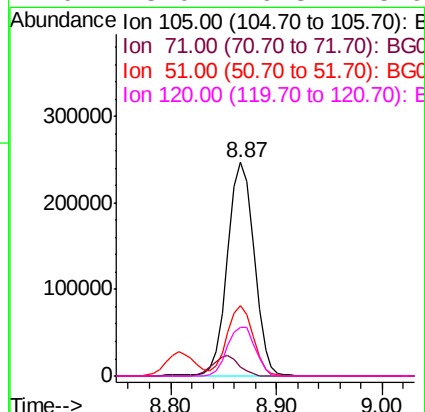
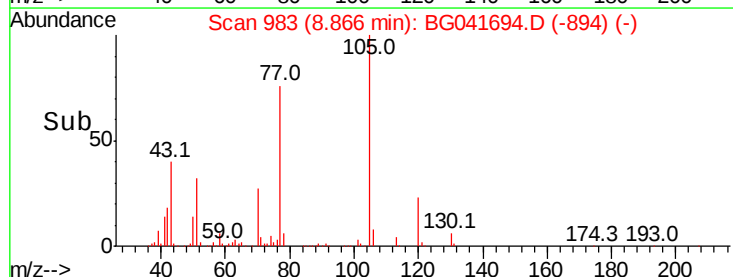
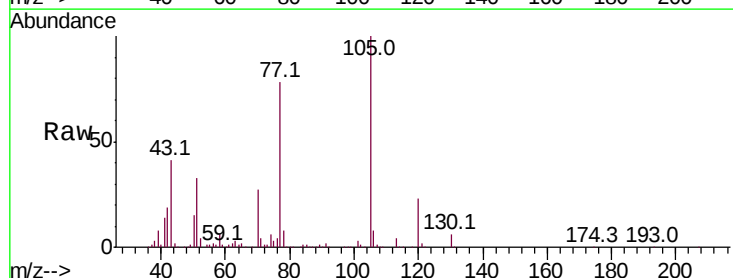
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

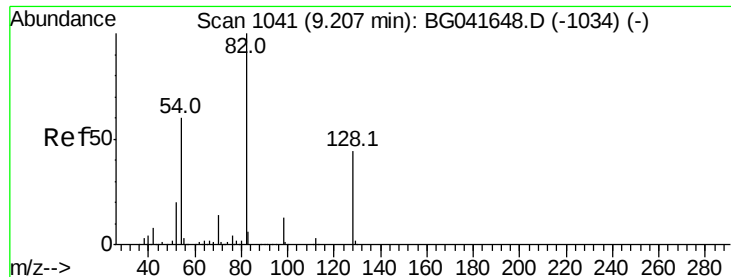
Tot Ion:136	Resp:	426679	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.2	13.8	
54 10.2	8.7	13.1	
68 6.0	5.5	8.3	



#22
Acetophenone
Concen: 41.634 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt	Ion:105	Resp:	432665
Ion	Ratio	Lower	Upper
105	100		
71	4.5	5.9	8.9#
51	33.2	27.7	41.5
120	23.0	19.3	28.9





#23

Nitrobenzene-d5

Concen: 96.738 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

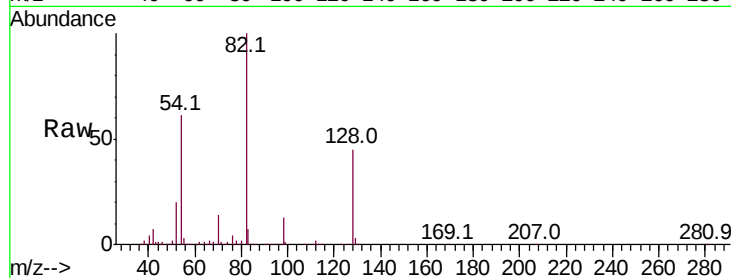
Tot Ion: 82 Resp: 678715

Ion Ratio Lower Upper

82 100

128 45.1 35.1 52.7

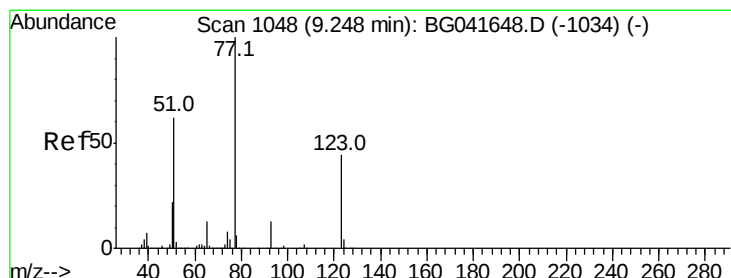
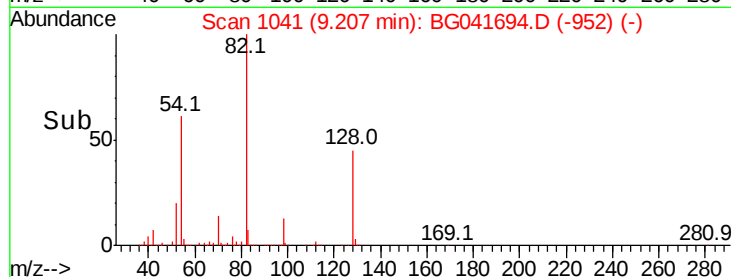
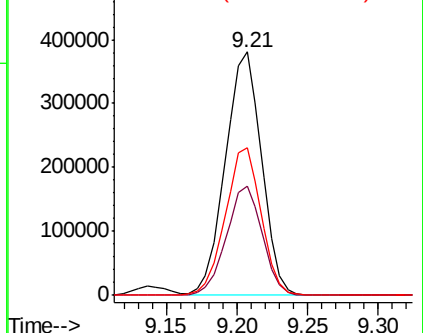
54 60.6 48.7 73.1



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 42.547 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

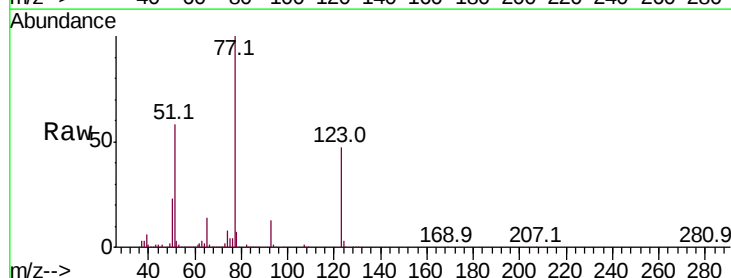
Tgt Ion: 77 Resp: 325638

Ion Ratio Lower Upper

77 100

123 47.2 38.1 57.1

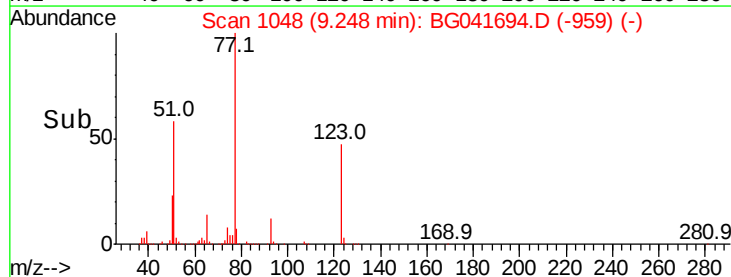
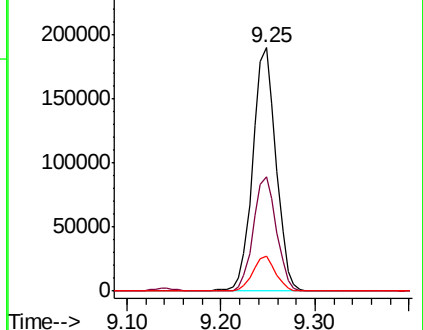
65 14.1 11.0 16.6

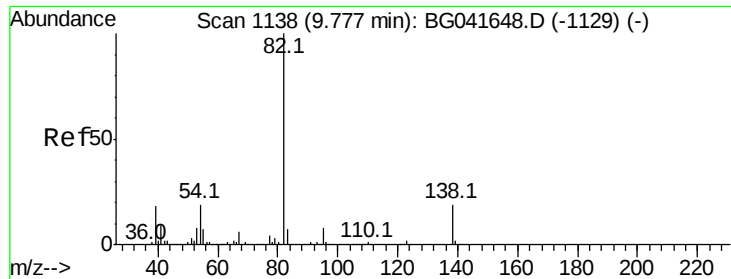


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

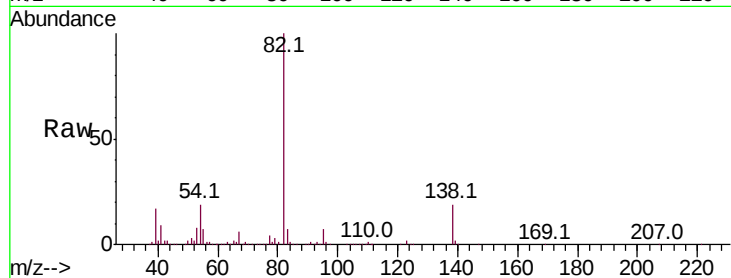




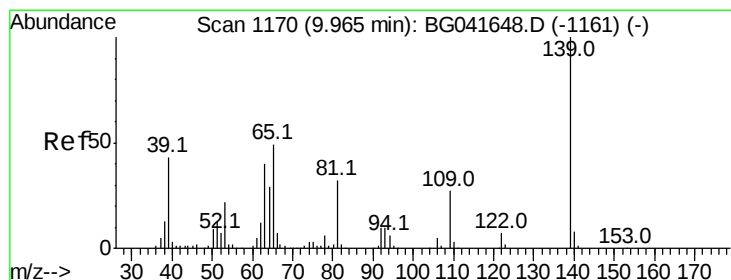
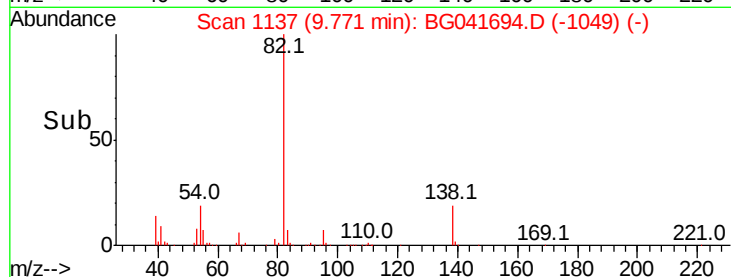
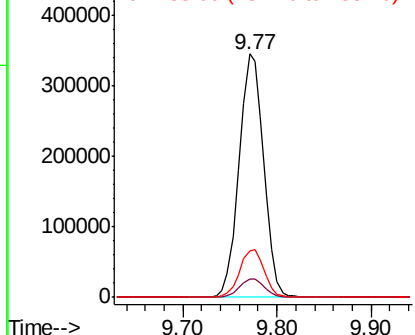
#25
Isophorone
Concen: 40.765 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion: 82 Resp: 626280
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 19.2 16.3 24.5

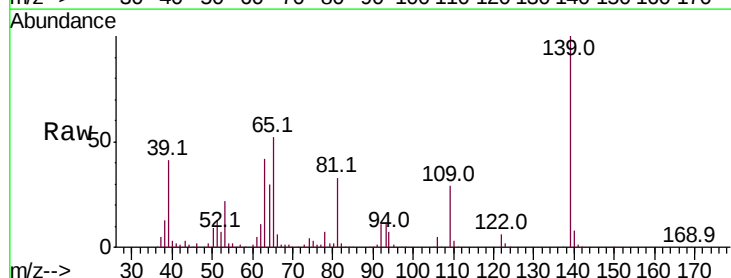


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

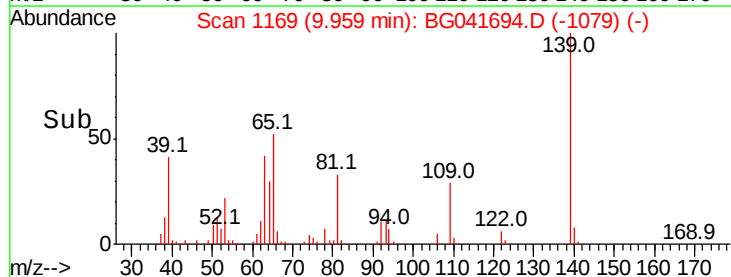
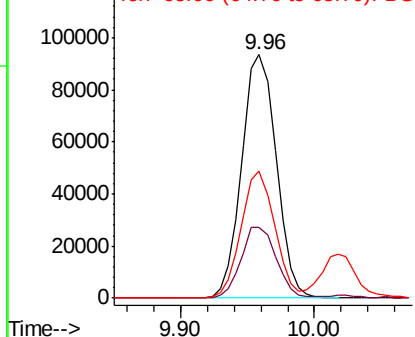


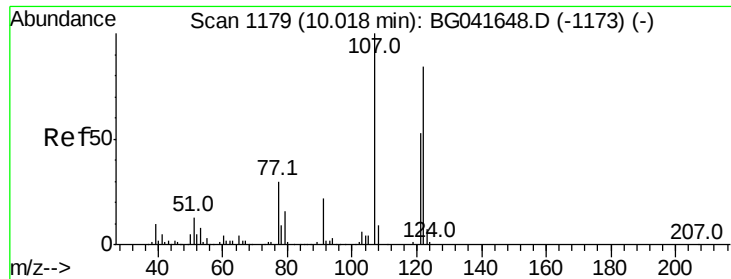
#26
2-Nitrophenol
Concen: 47.747 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion: 139 Resp: 167547
Ion Ratio Lower Upper
139 100
109 29.0 22.7 34.1
65 52.1 41.1 61.7



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

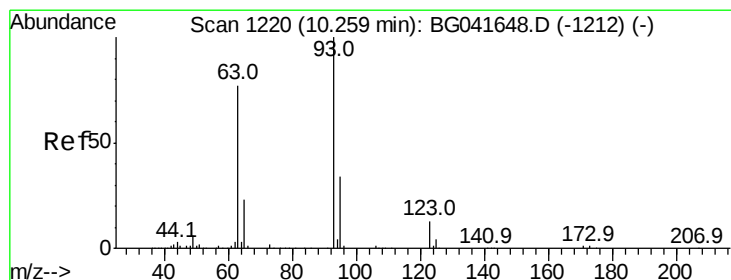
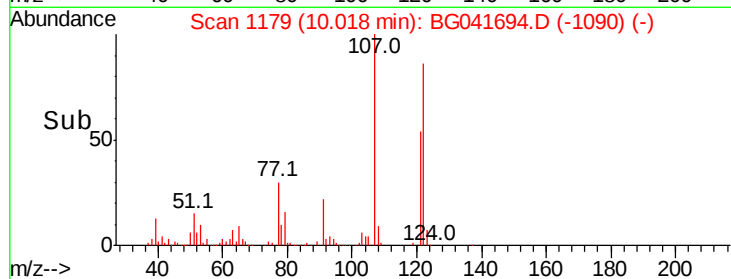
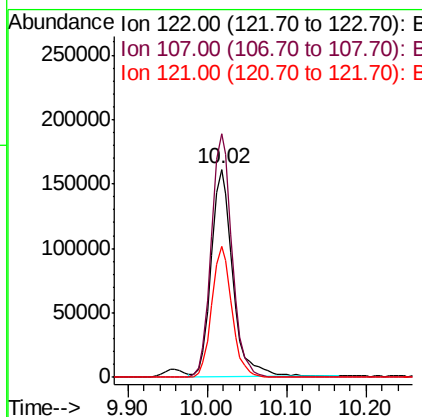
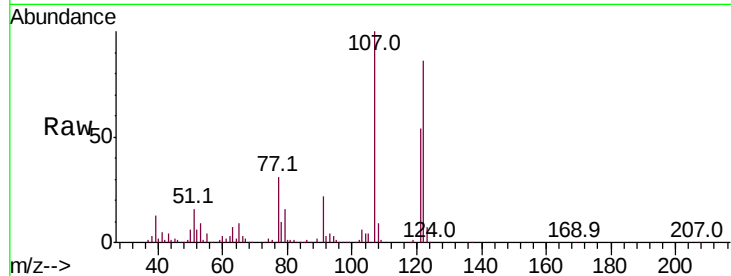




#27
 2,4-Dimethylphenol
 Concen: 49.922 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

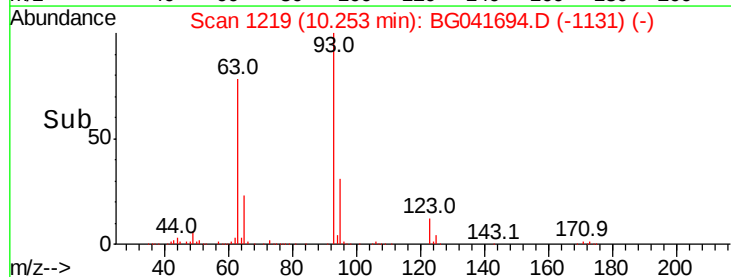
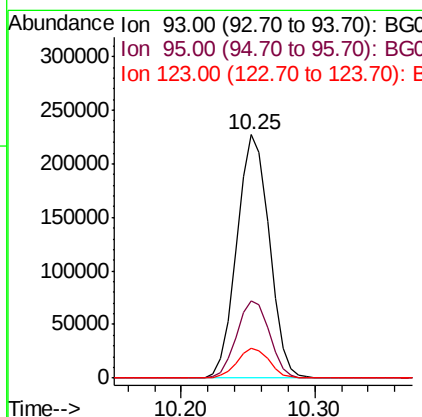
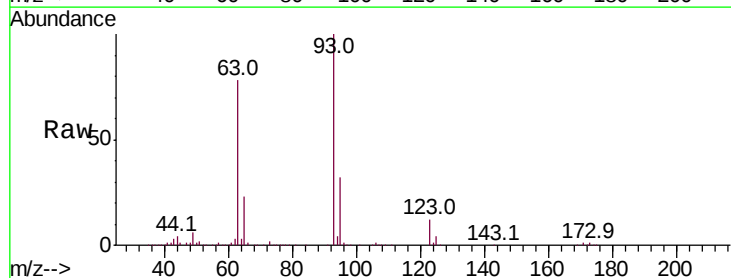
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

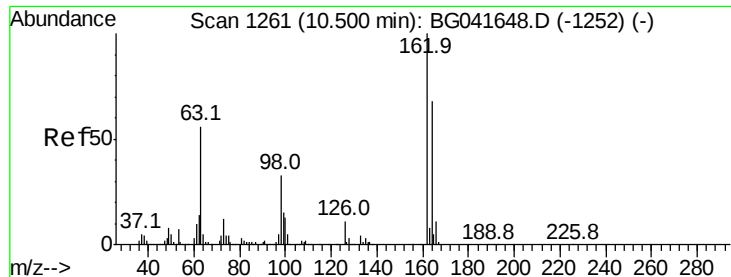
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	91.3	136.9
121	62.6	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.316 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.2	39.4
123	12.1	9.9	14.9

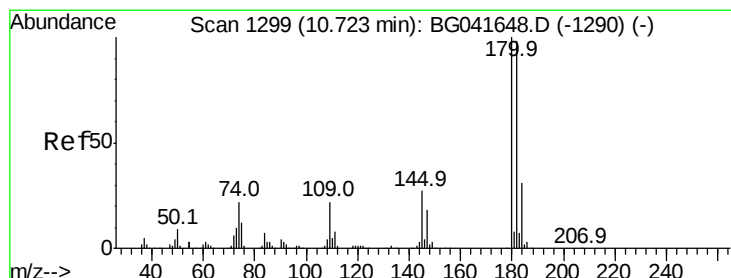
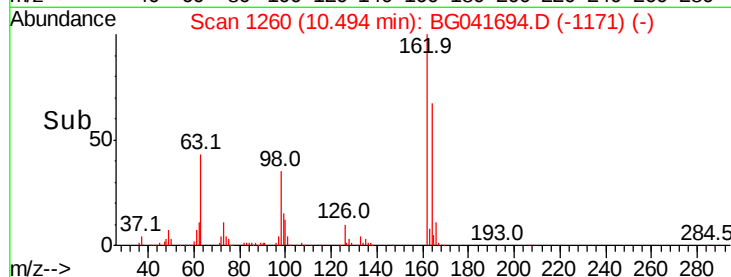
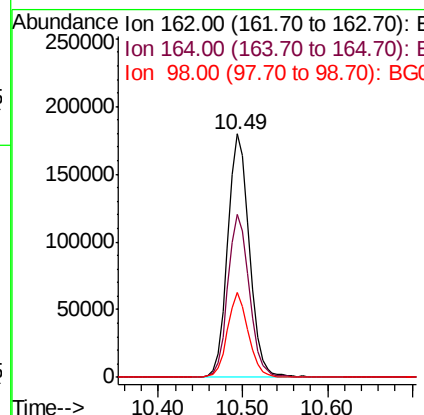
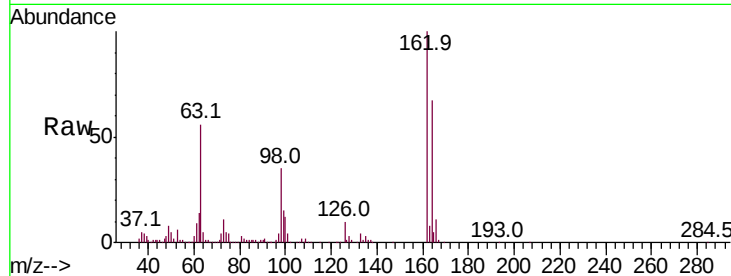




#29
2,4-Dichlorophenol
Concen: 45.905 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

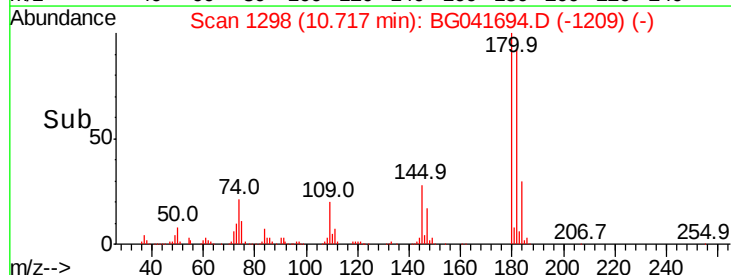
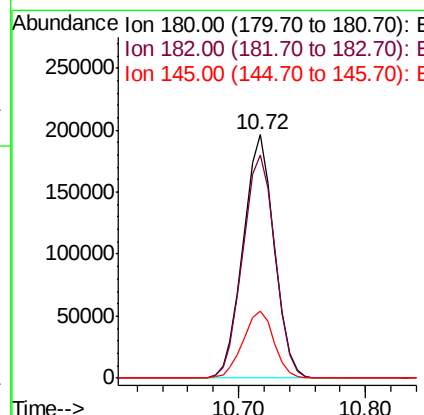
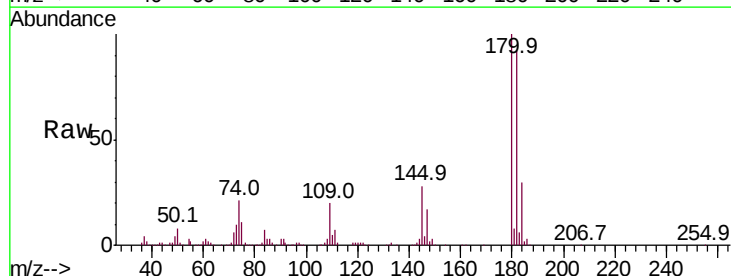
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

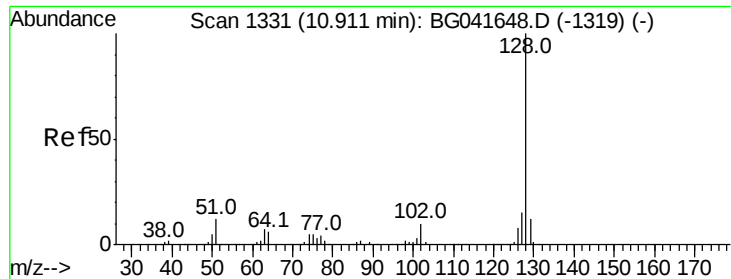
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.2	46.1	86.1
98	34.9	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 41.015 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.2	114.2
145	27.6	23.8	35.8





#31

Naphthalene

Concen: 41.321 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

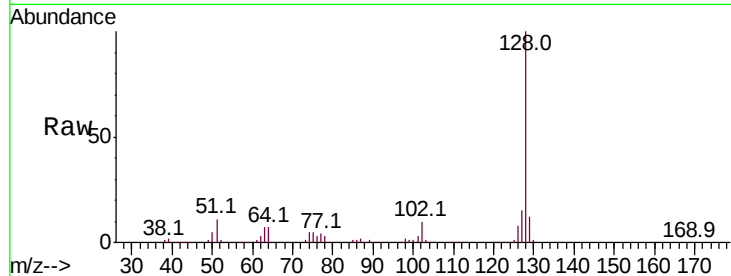
Tot Ion:128 Resp: 868001

Ion Ratio Lower Upper

128 100

129 12.4 10.0 15.0

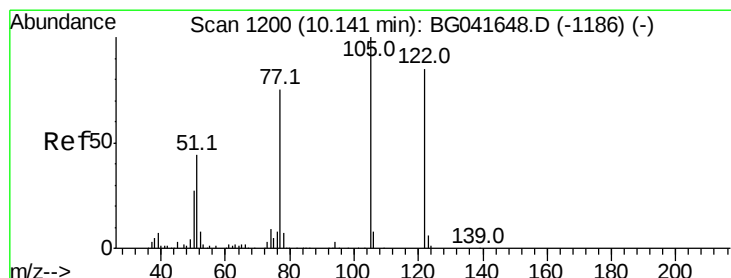
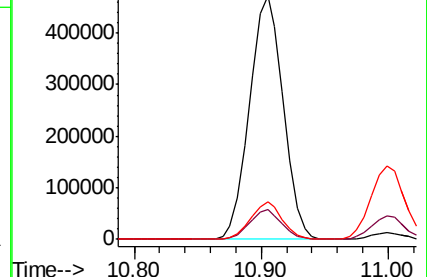
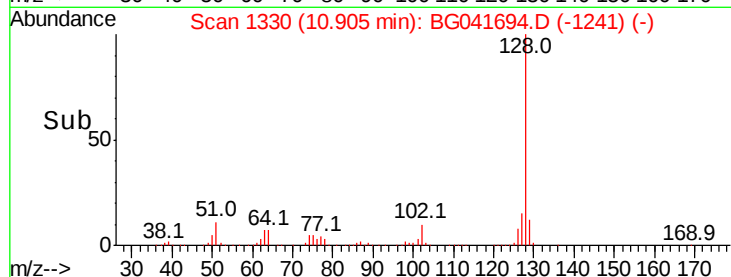
127 15.4 12.3 18.5



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: 63.536 ng

RT: 10.02 min Scan# 1179

Delta R.T. -0.15 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

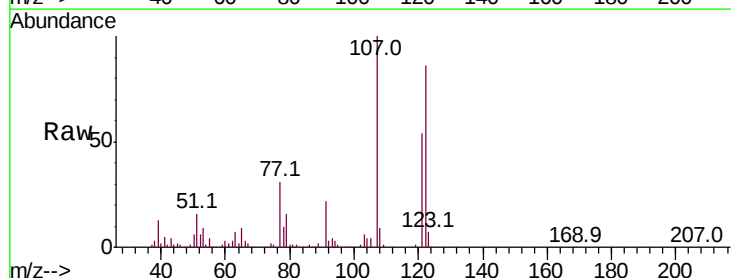
Tgt Ion:122 Resp: 303459

Ion Ratio Lower Upper

122 100

105 4.5 101.5 141.5#

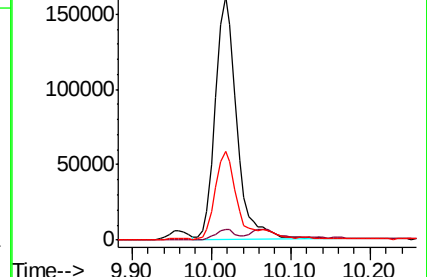
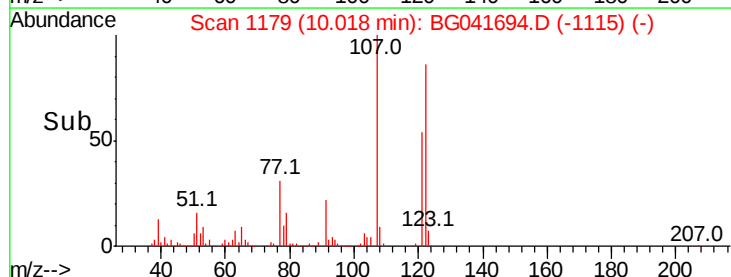
77 36.2 73.0 113.0#

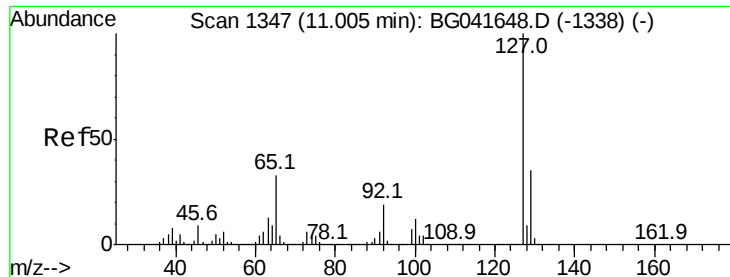


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

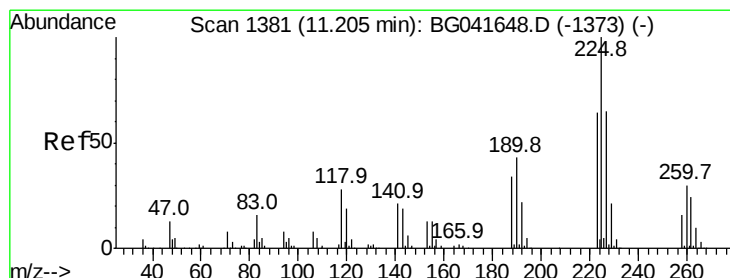
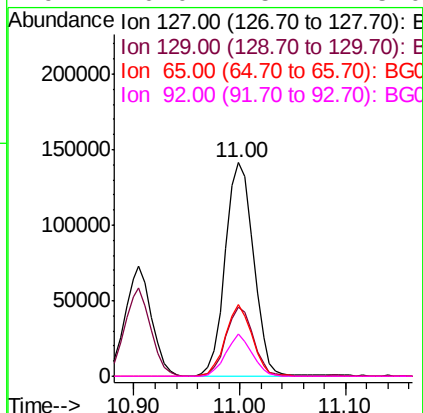
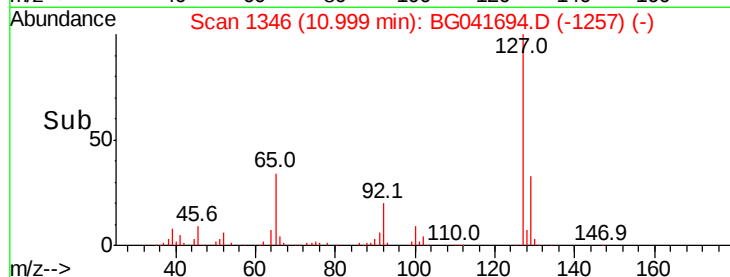
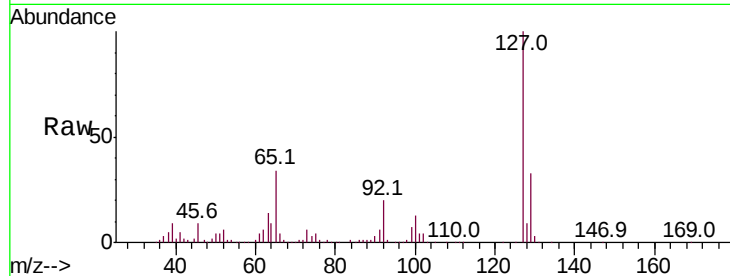




#33
4-Chloroaniline
Concen: 26.975 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

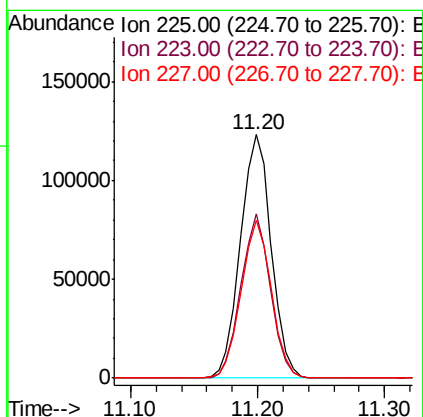
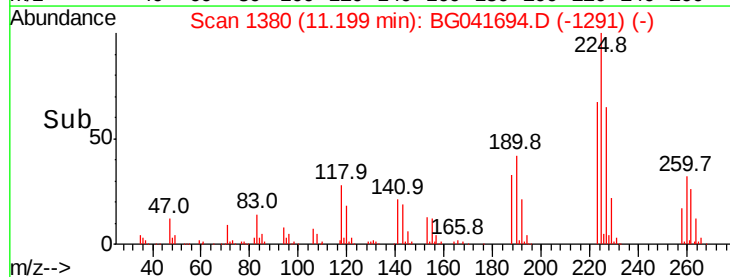
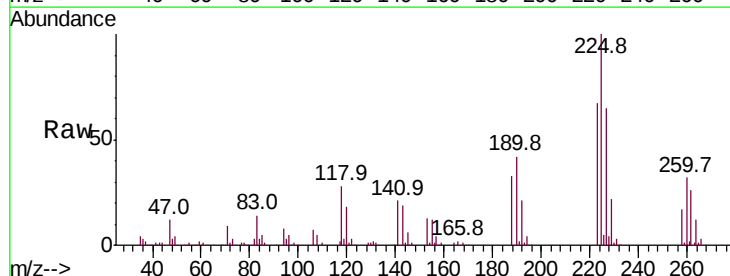
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

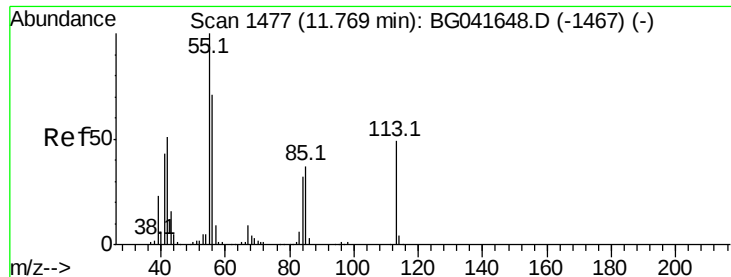
Tot Ion:	127	Resp:	261375
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	33.6	26.7	40.1
92	20.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.570 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:	225	Resp:	206955
Ion	Ratio	Lower	Upper
225	100		
223	67.3	51.1	76.7
227	64.7	50.9	76.3





#35

Caprolactam

Concen: 49.054 ng

RT: 11.77 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

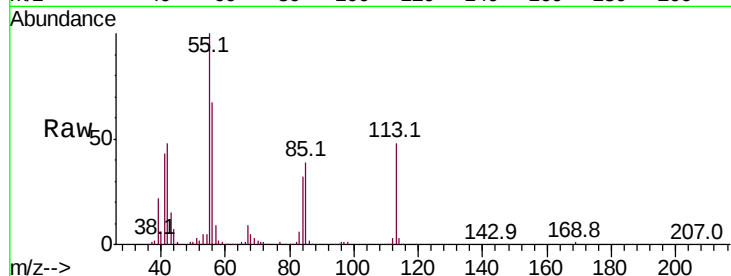
Tot Ion:113 Resp: 124957

Ion Ratio Lower Upper

113 100

55 210.5 199.4 239.4

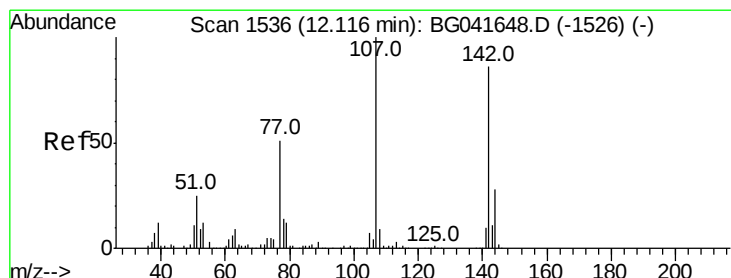
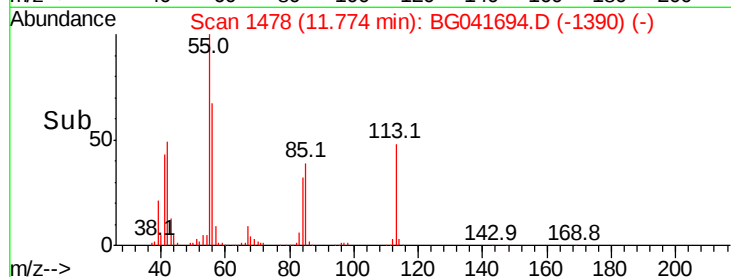
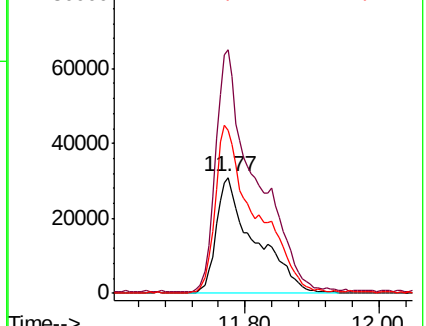
56 141.0 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041648.D (-1467) (-)

Ion 56.00 (55.70 to 56.70): BG041648.D (-1467) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.607 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

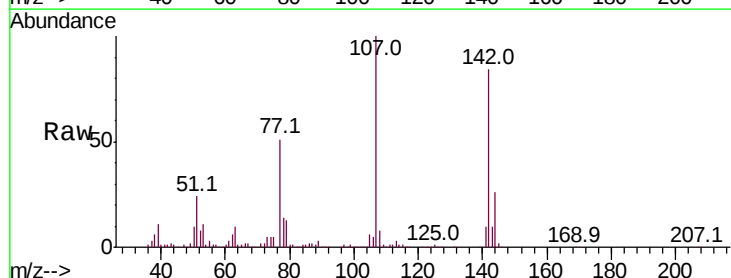
Tgt Ion:107 Resp: 331124

Ion Ratio Lower Upper

107 100

144 26.4 22.2 33.2

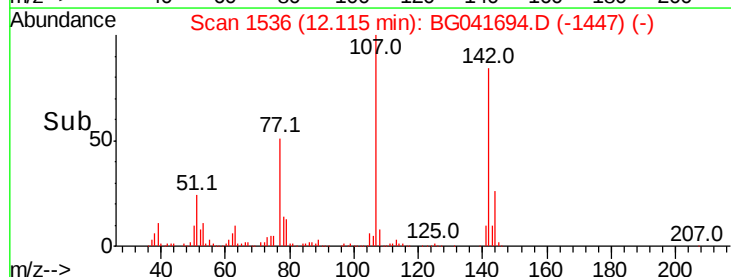
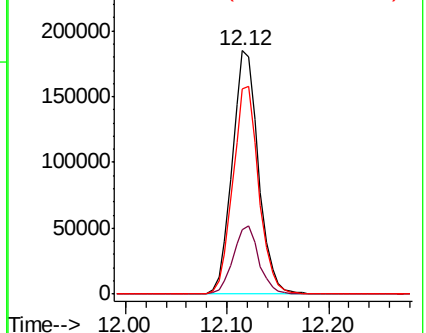
142 84.1 67.3 100.9

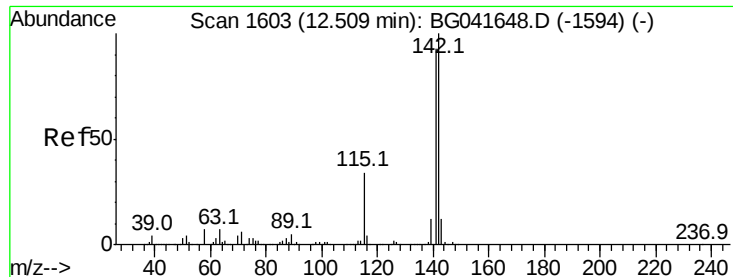


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

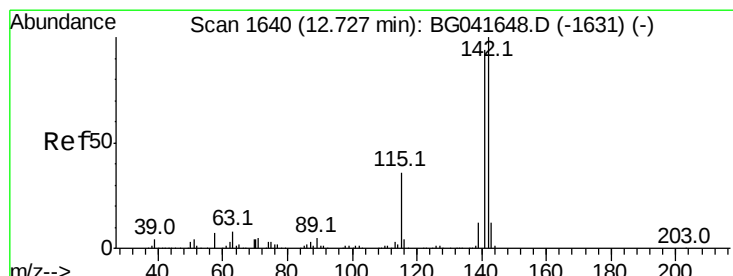
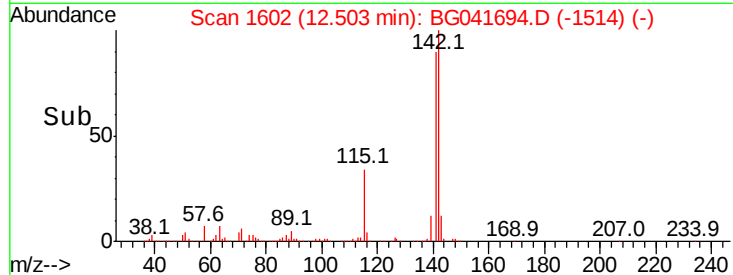
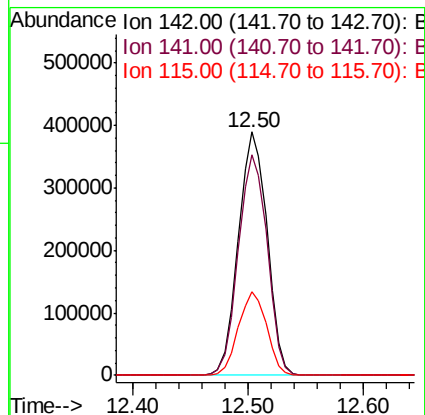
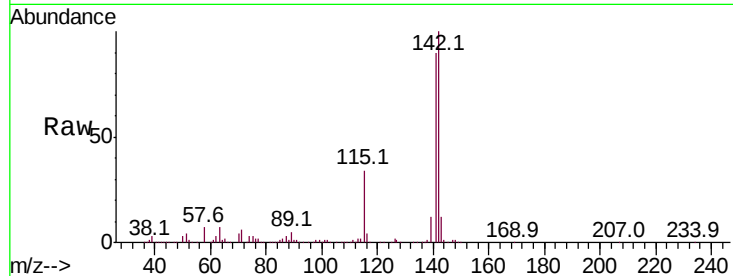




#37
2-Methylnaphthalene
Concen: 41.782 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

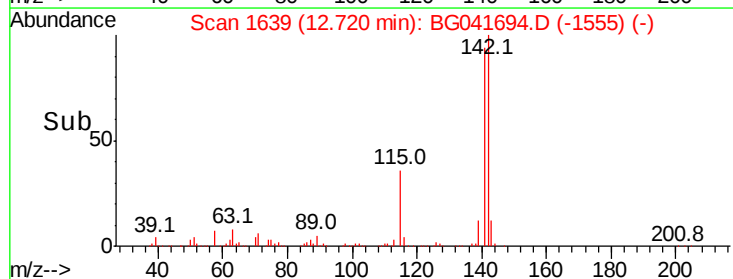
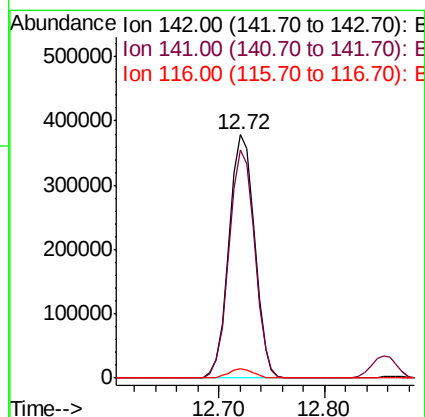
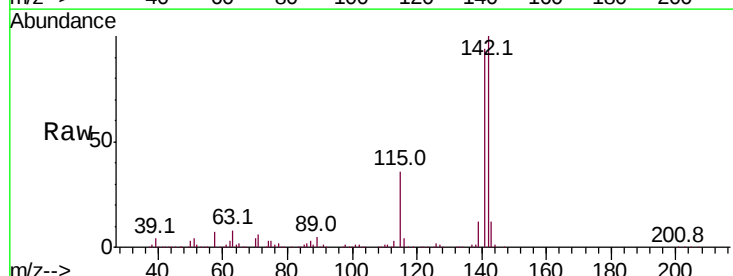
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

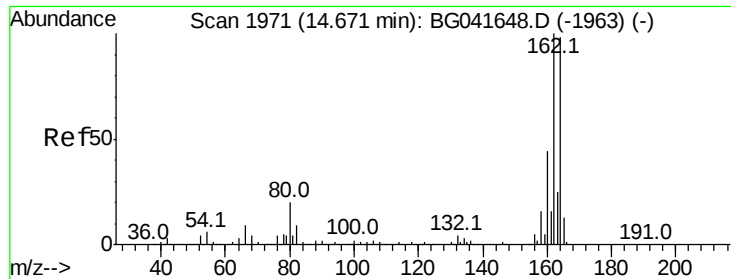
Tot Ion:142 Resp: 670546
Ion Ratio Lower Upper
142 100
141 90.5 72.7 109.1
115 34.3 27.0 40.4



#38
1-Methylnaphthalene
Concen: 41.397 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:142 Resp: 633389
Ion Ratio Lower Upper
142 100
141 94.0 75.4 113.2
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

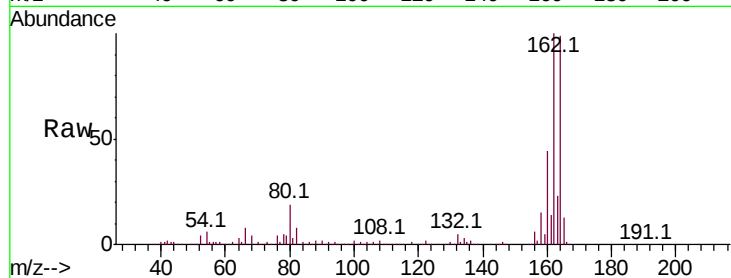
Tot Ion:164 Resp: 272987

Ion Ratio Lower Upper

164 100

162 101.1 79.6 119.4

160 44.9 35.4 53.0

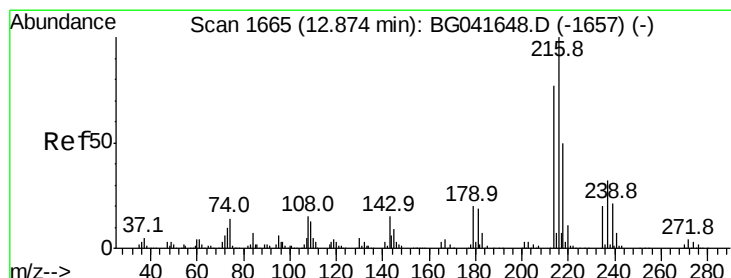
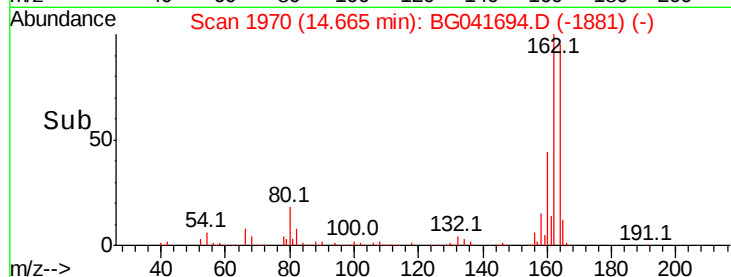
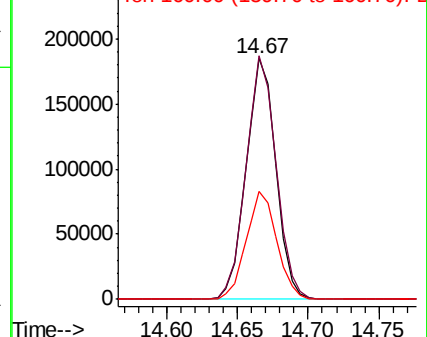


Abundance

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: 41.608 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:216 Resp: 389072

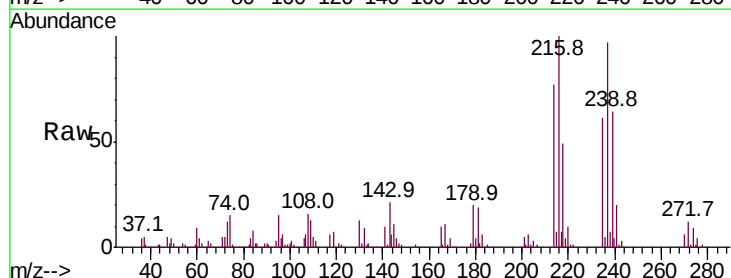
Ion Ratio Lower Upper

216 100

214 77.0 61.5 92.3

179 19.7 16.2 24.2

108 17.3 13.2 19.8



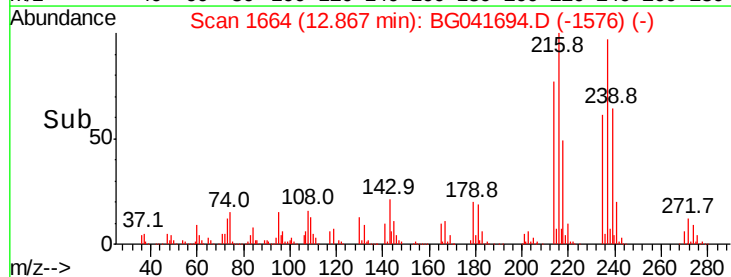
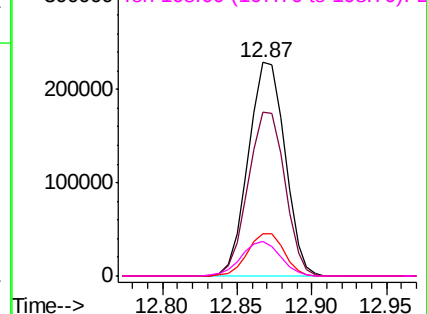
Abundance

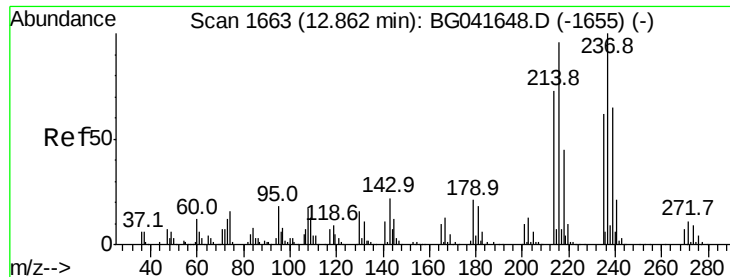
Ion 216.00 (215.70 to 216.70): E

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: 100.150 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

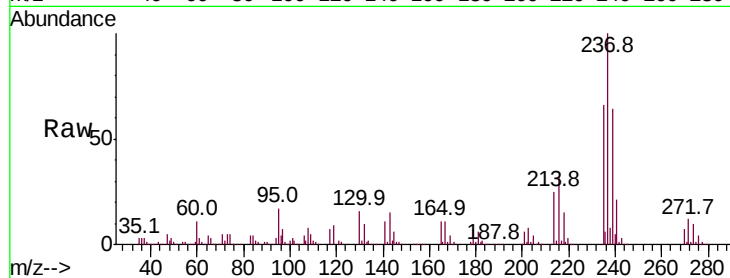
Tot Ion:237 Resp: 529748

Ion Ratio Lower Upper

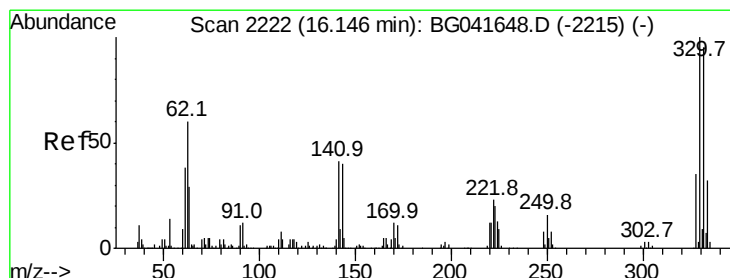
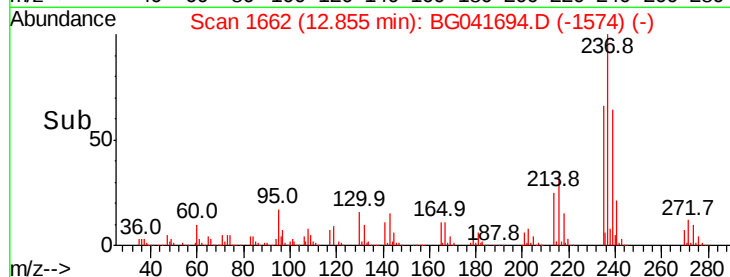
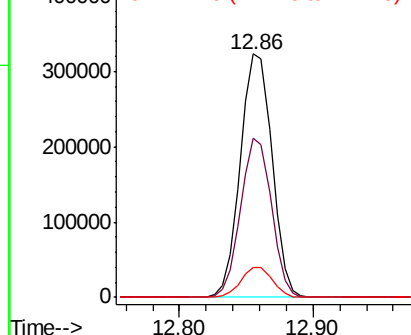
237 100

235 65.6 43.5 83.5

272 12.5 0.0 31.2



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: 152.733 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

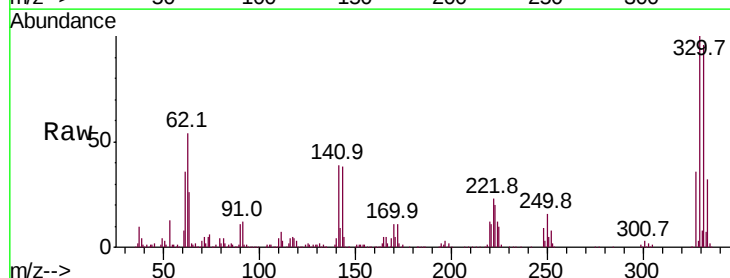
Tgt Ion:330 Resp: 469885

Ion Ratio Lower Upper

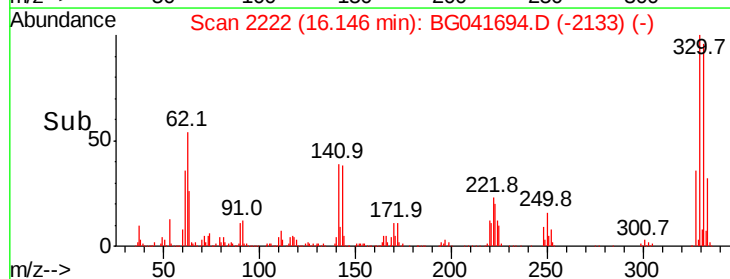
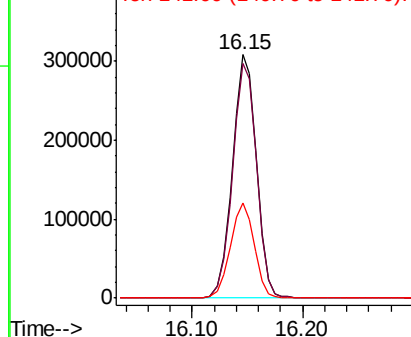
330 100

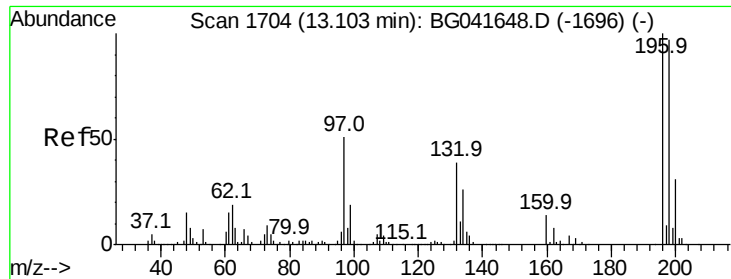
332 96.6 77.4 116.0

141 39.0 31.9 47.9



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

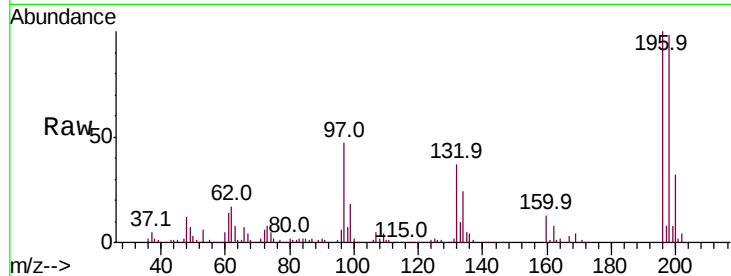




#43
 2,4,6-Trichlorophenol
 Concen: 46.392 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion	196	Resp	281868
Ion Ratio	Lower	Upper	
196	100		
198	97.9	79.6	119.4
200	31.8	25.2	37.8

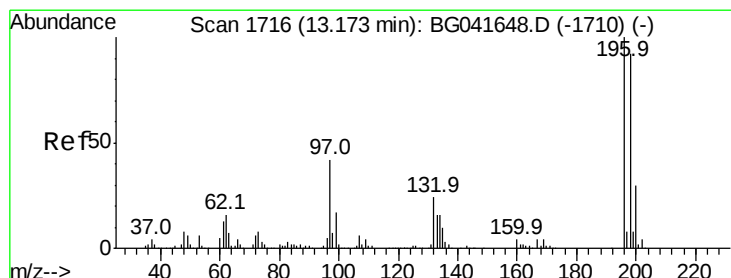
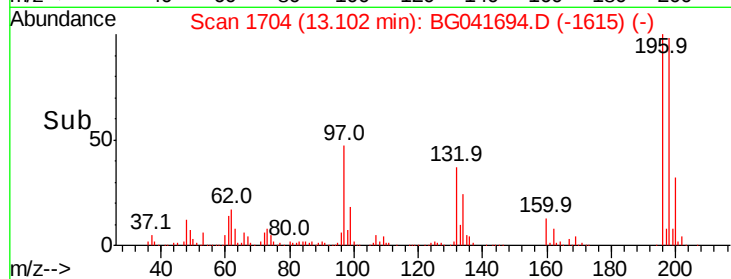
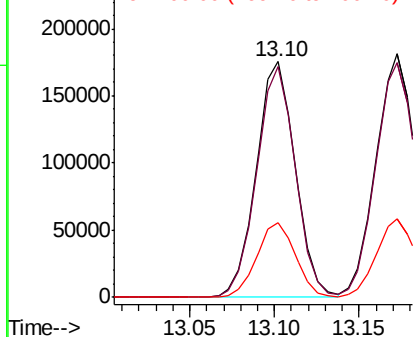


Abundance

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: 48.180 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion	196	Resp	308422
Ion Ratio	Lower	Upper	
196	100		
198	96.3	80.6	121.0
97	41.2	33.9	50.9
132	23.4	20.2	30.2

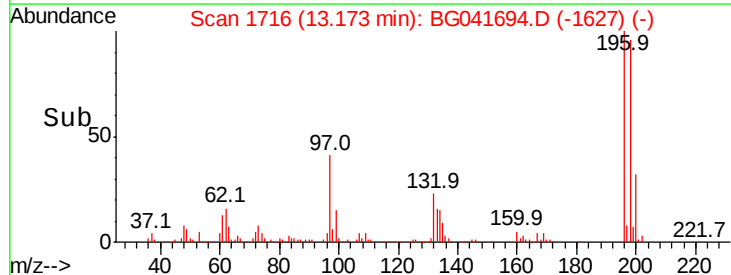
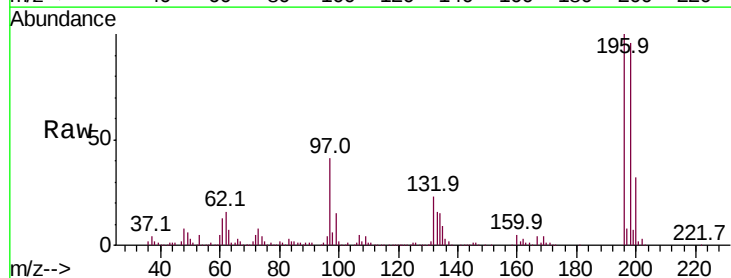
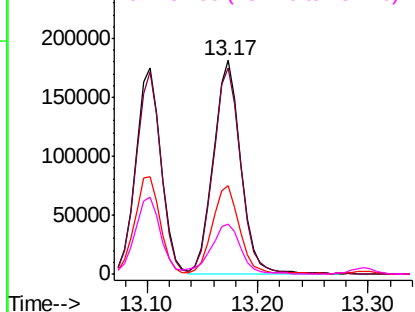
Abundance

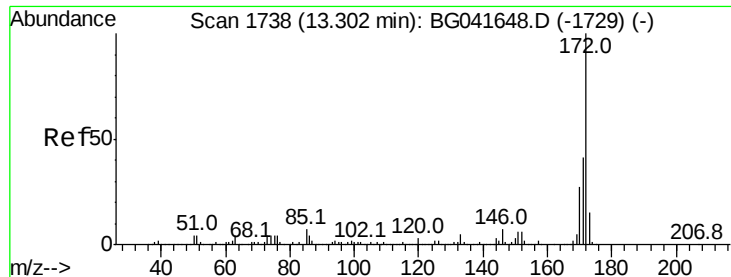
Ion 196.00 (195.70 to 196.70): E

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

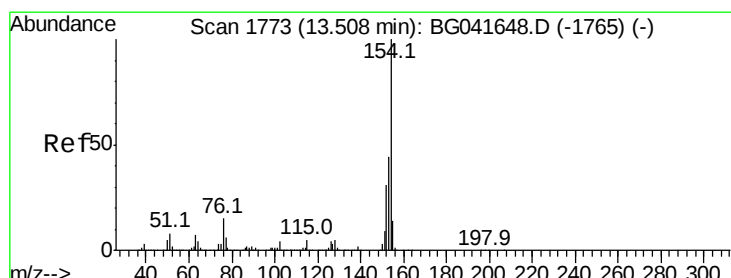
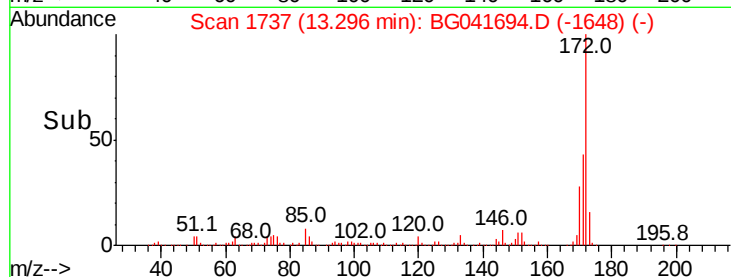
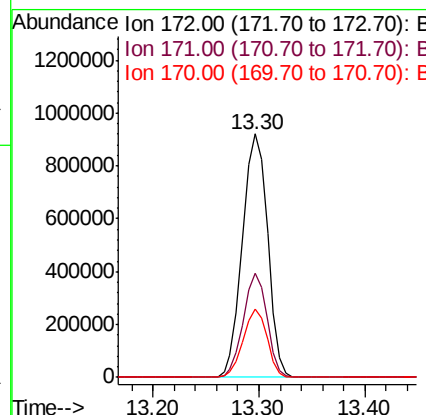
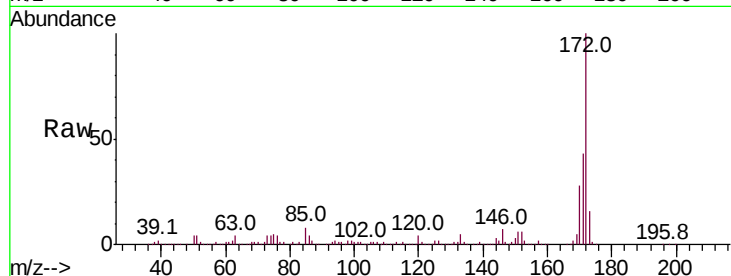




#45
2-Fluorobiphenyl
Concen: 86.261 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

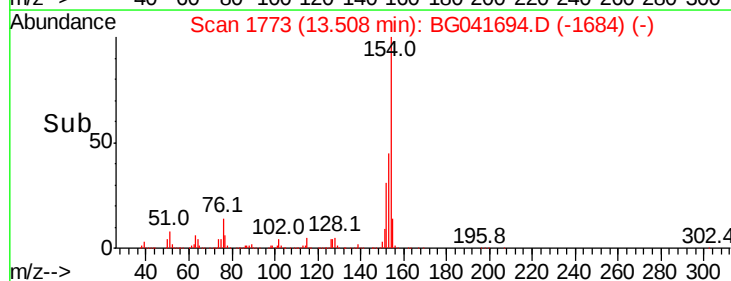
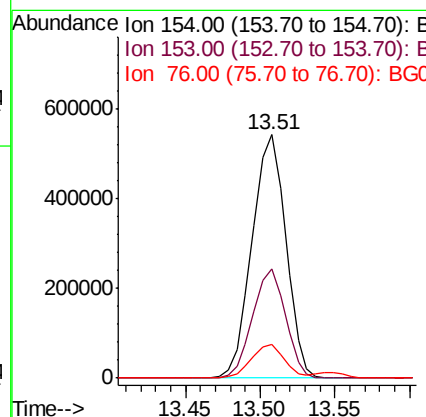
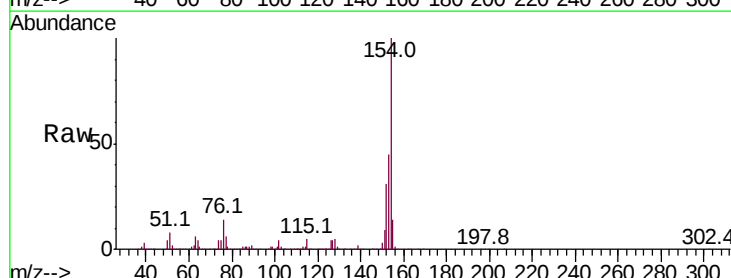
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

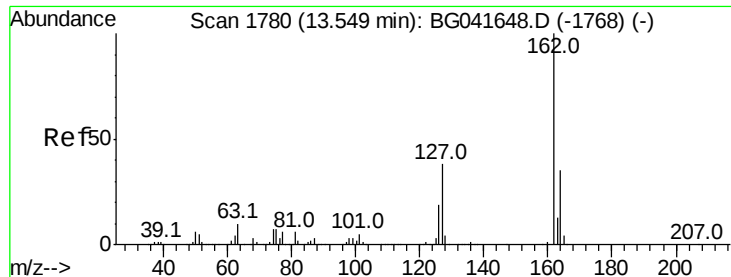
Tot Ion:172 Resp: 1520707
Ion Ratio Lower Upper
172 100
171 42.5 35.0 52.4
170 27.8 23.5 35.3



#46
1,1'-Biphenyl
Concen: 41.462 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:154 Resp: 847974
Ion Ratio Lower Upper
154 100
153 44.6 25.0 65.0
76 13.6 0.0 34.5

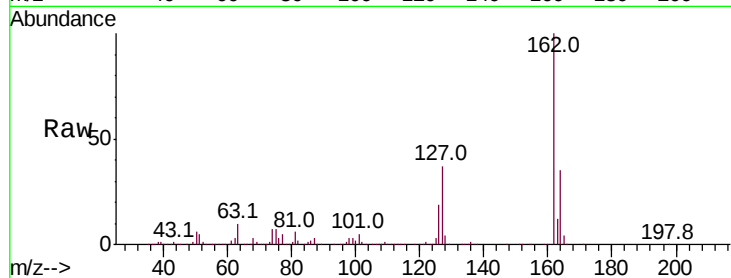




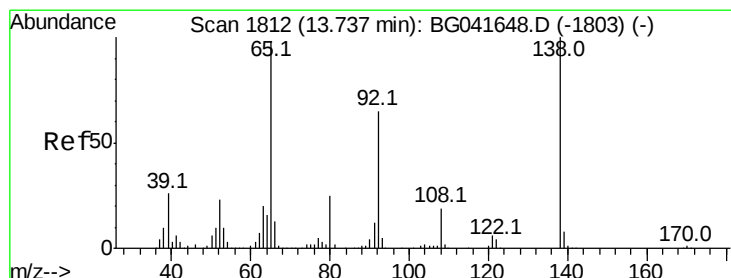
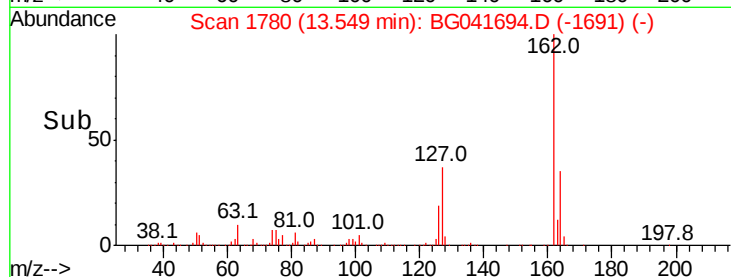
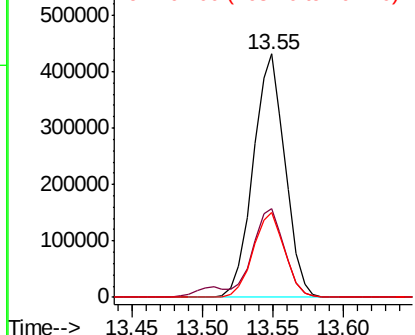
#47
2-Chloronaphthalene
Concen: 40.020 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.4	45.6
164	34.7	28.6	42.8

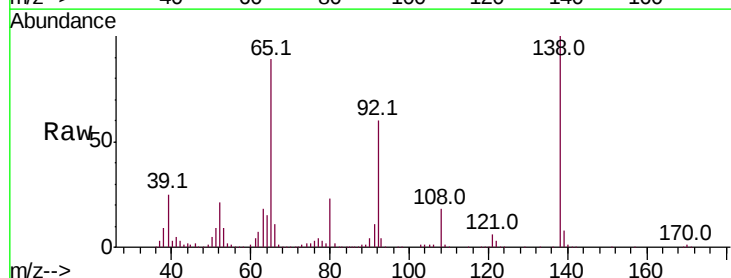


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

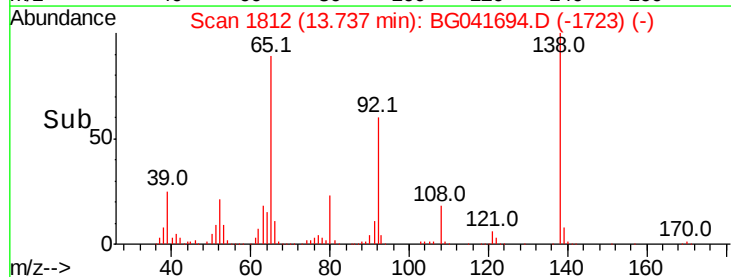
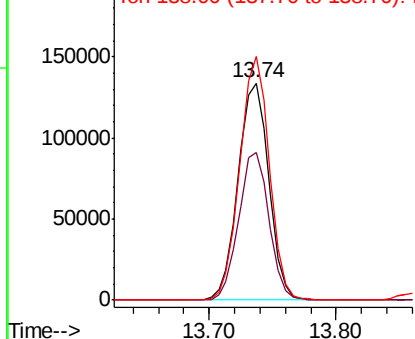


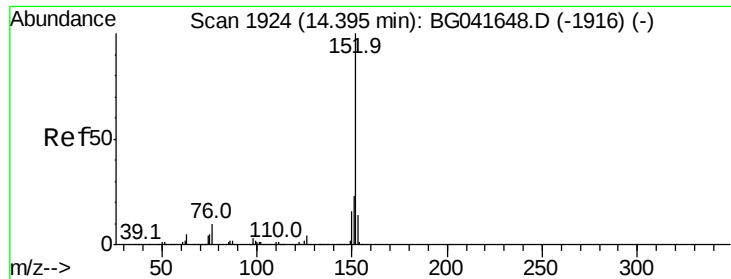
#48
2-Nitroaniline
Concen: 45.346 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.9	80.9
138	112.0	83.5	125.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.830 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

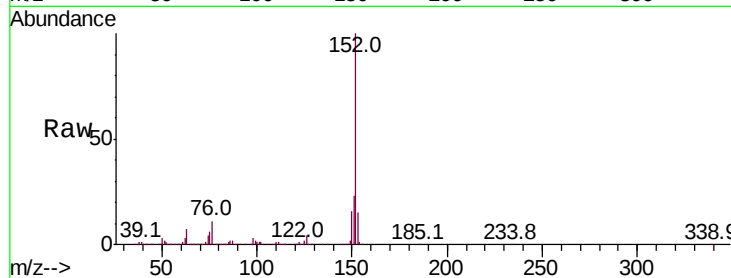
Tot Ion:152 Resp: 1086432

Ion Ratio Lower Upper

152 100

151 23.0 18.7 28.1

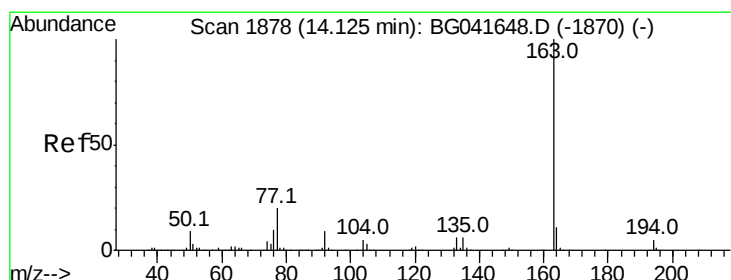
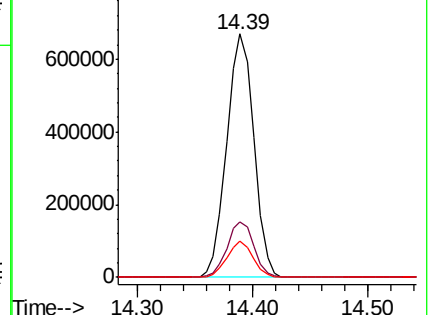
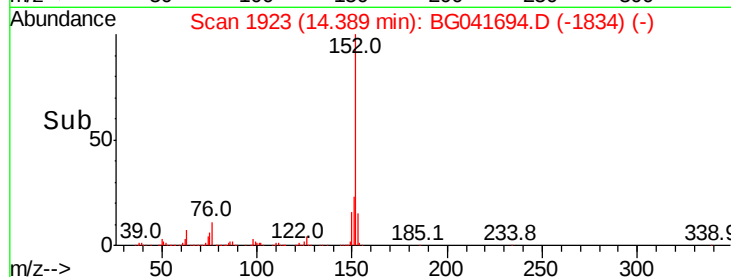
153 14.7 12.4 18.6



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: 71.761 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

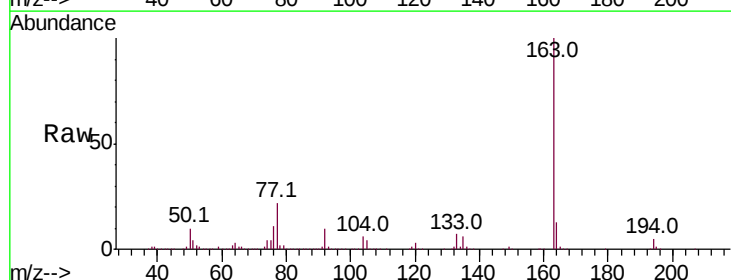
Tgt Ion:163 Resp: 1538561

Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

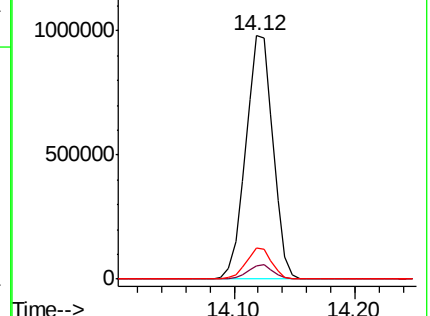
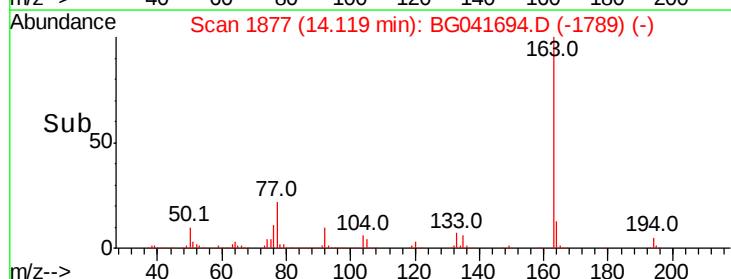
164 12.6 9.4 14.2

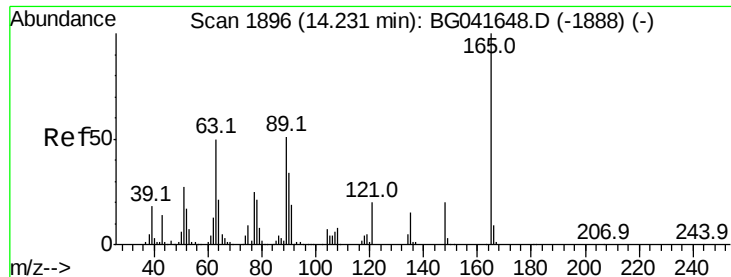


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

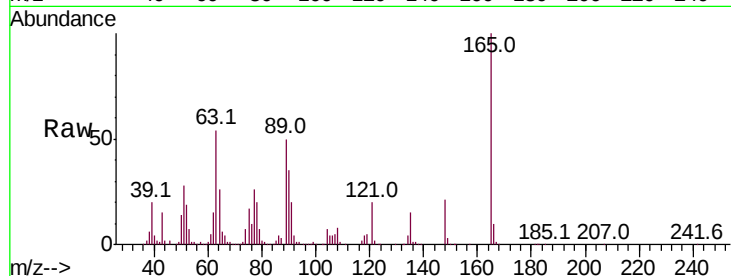




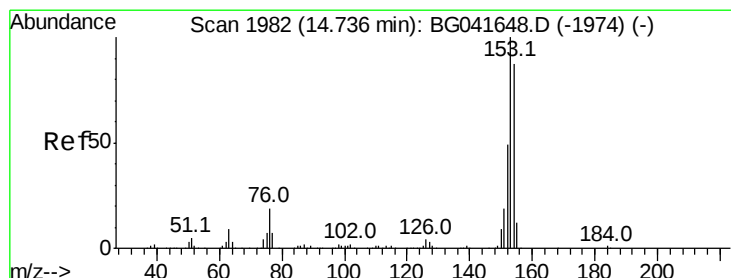
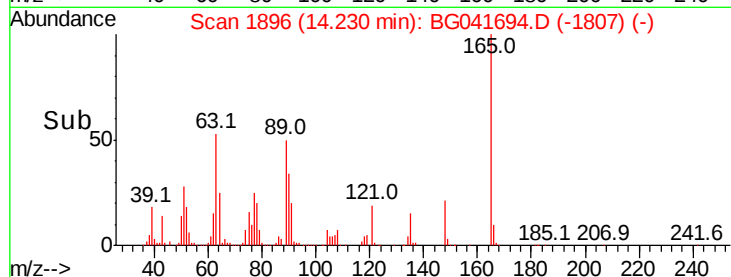
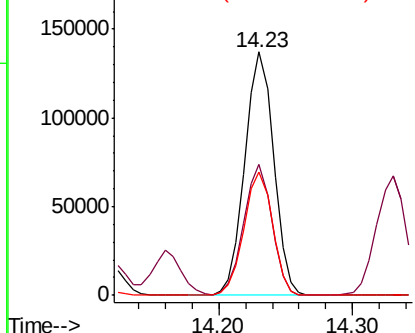
#51
2,6-Dinitrotoluene
Concen: 45.047 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion:165 Resp: 204858
Ion Ratio Lower Upper
165 100
63 53.7 42.4 63.6
89 50.4 42.1 63.1

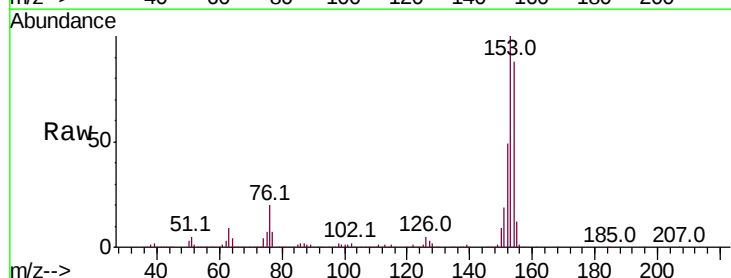


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

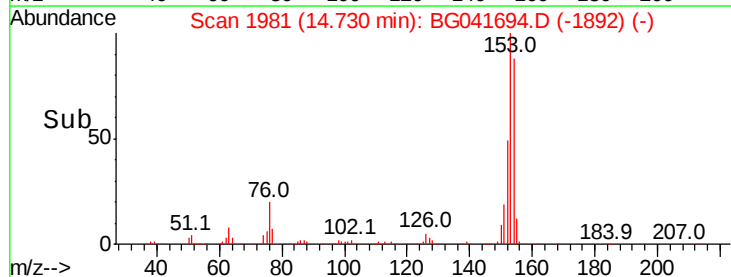
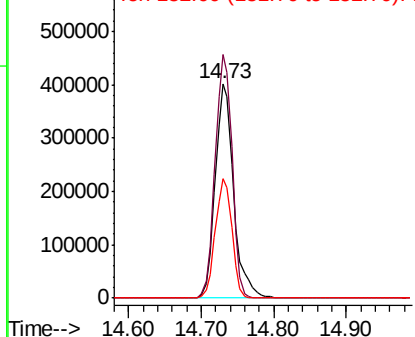


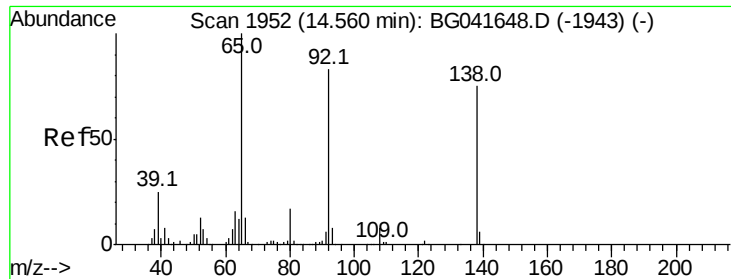
#52
Acenaphthene
Concen: 42.065 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:154 Resp: 705367
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 55.7 44.9 67.3



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

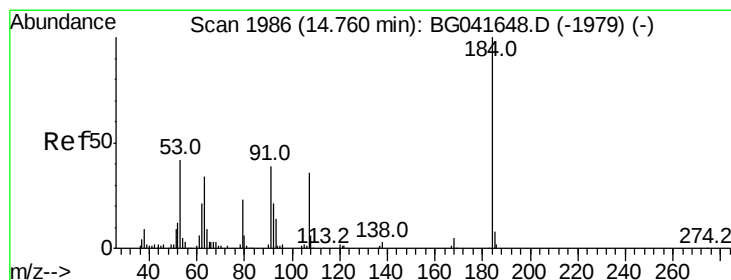
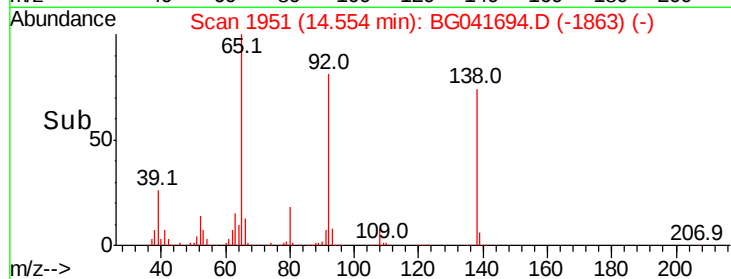
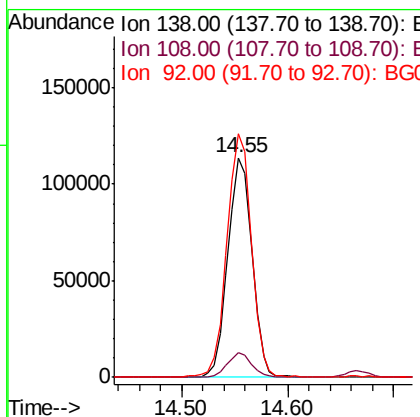
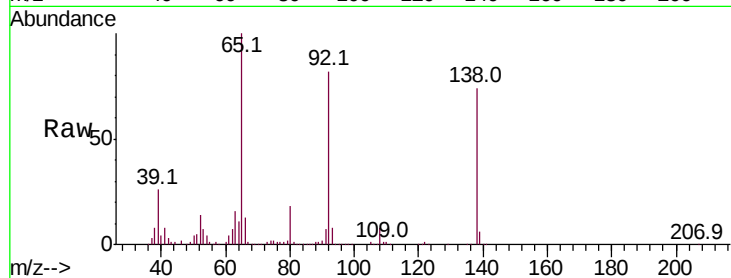




#53
3-Nitroaniline
Concen: 36.278 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

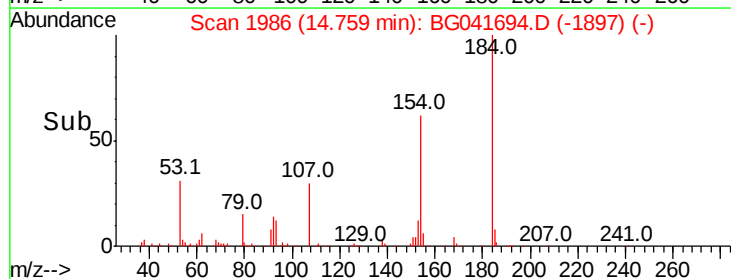
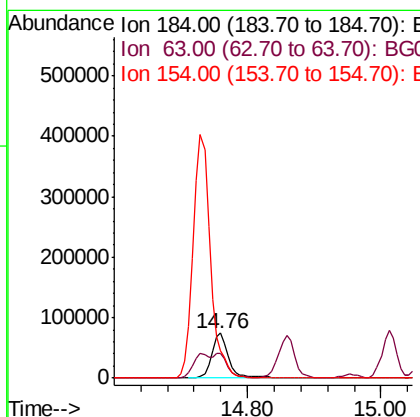
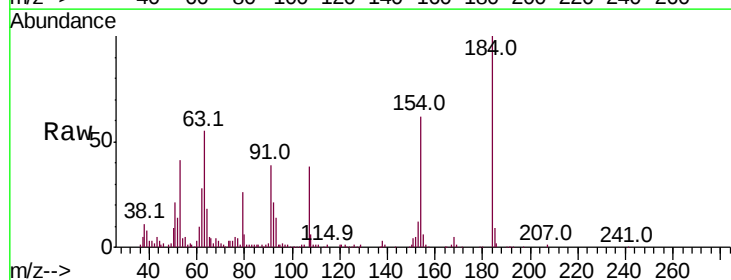
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

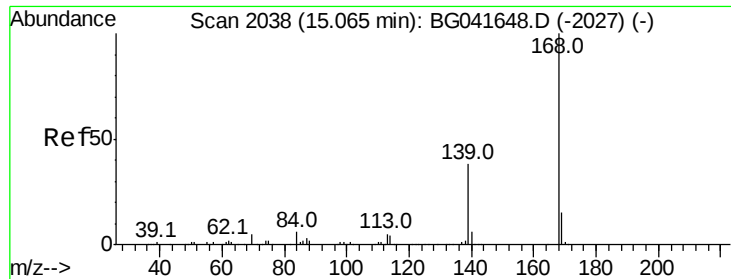
Tot Ion:138 Resp: 180098
Ion Ratio Lower Upper
138 100
108 11.1 10.3 15.5
92 111.0 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 60.707 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:184 Resp: 134785
Ion Ratio Lower Upper
184 100
63 55.3 43.2 64.8
154 62.1 51.4 77.2

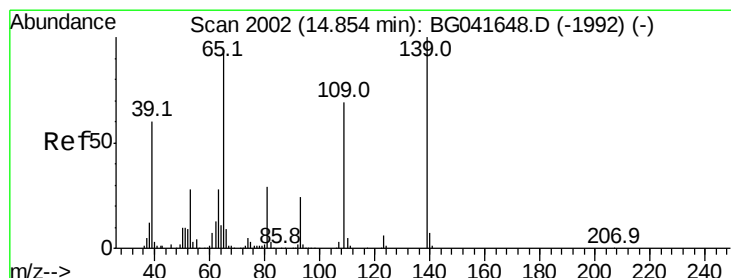
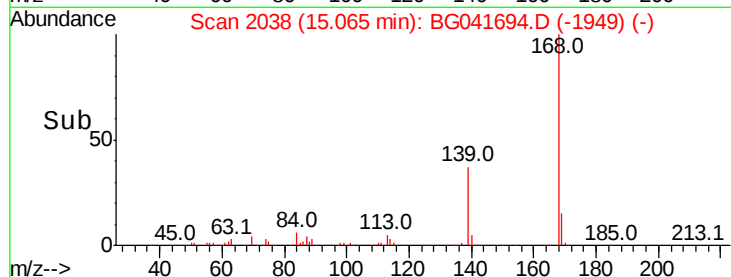
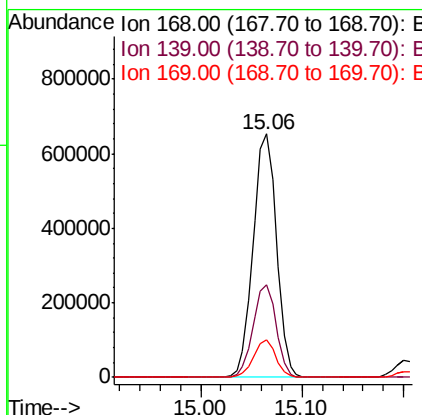
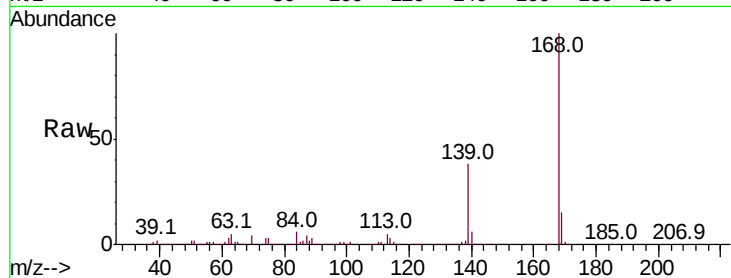




#55
Dibenzenofuran
Concen: 41.570 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

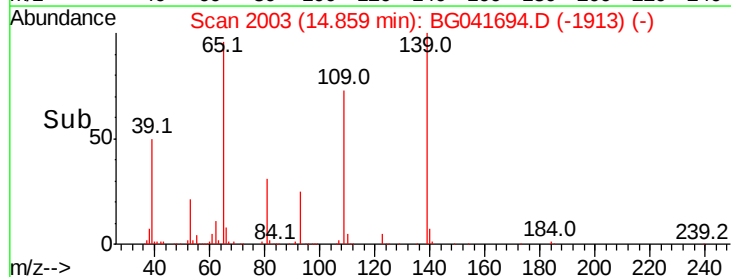
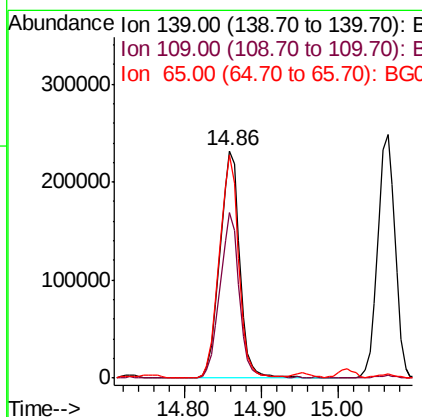
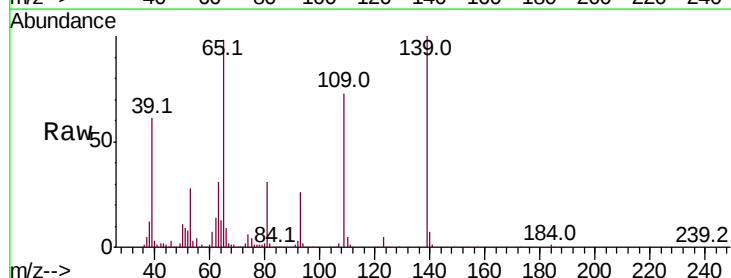
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

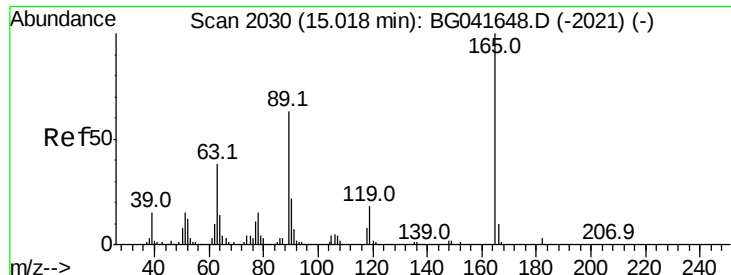
Tot Ion:168 Resp: 1046009
Ion Ratio Lower Upper
168 100
139 38.0 31.9 47.9
169 15.2 12.5 18.7



#56
4-Nitrophenol
Concen: 102.853 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:139 Resp: 413391
Ion Ratio Lower Upper
139 100
109 72.9 51.3 91.3
65 98.0 77.6 117.6

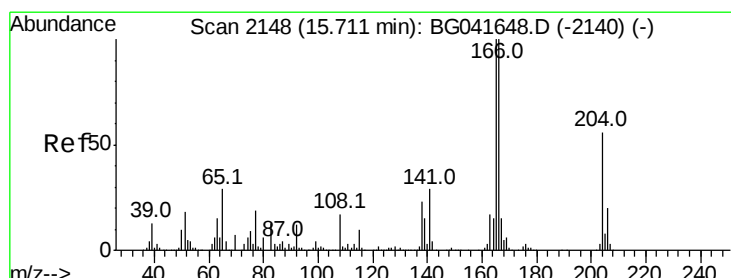
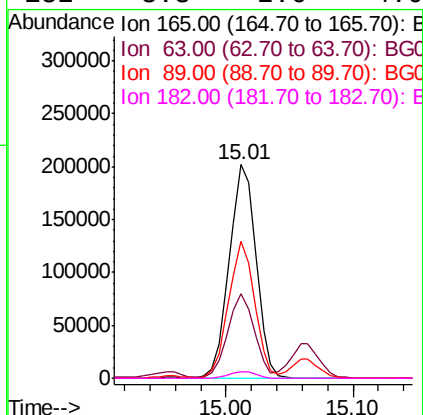
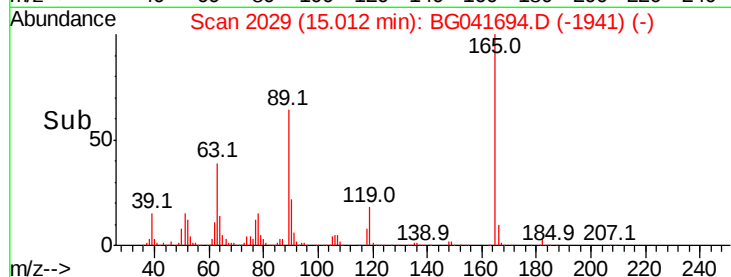
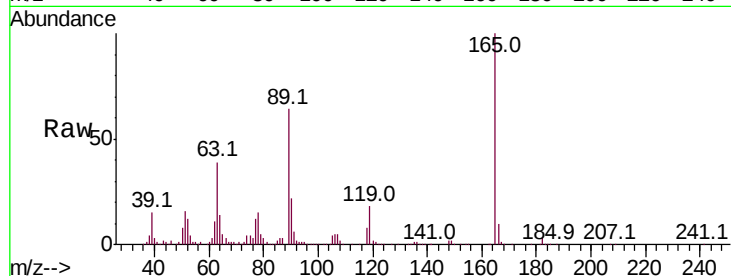




#57
2,4-Dinitrotoluene
Concen: 49.029 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

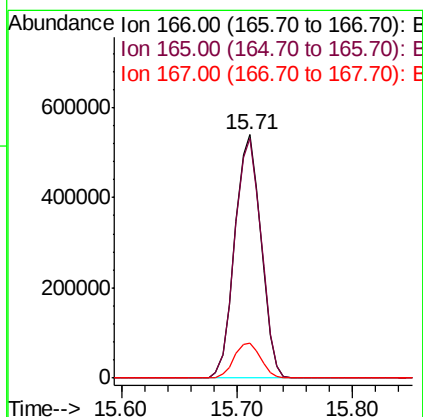
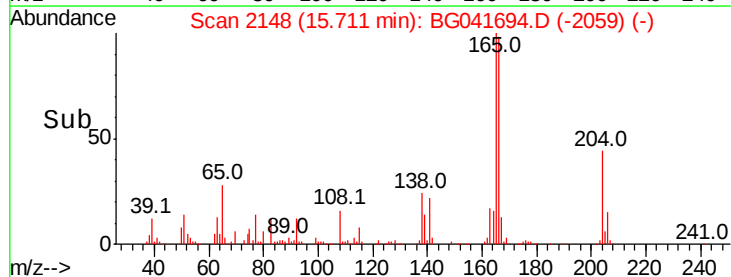
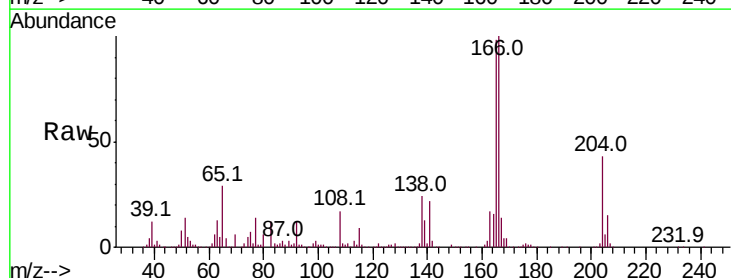
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

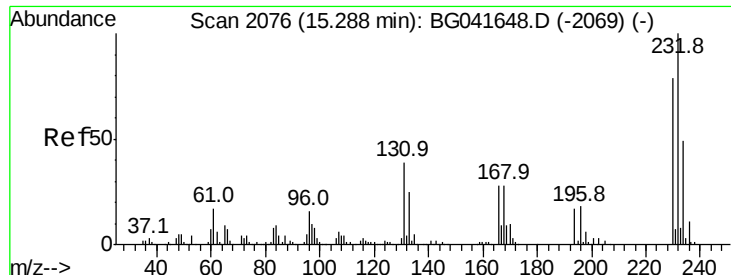
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.3	31.7	47.5
89	64.2	50.2	75.4
182	3.3	2.6	4.0



#58
Fluorene
Concen: 41.366 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.5	120.7
167	14.5	12.4	18.6

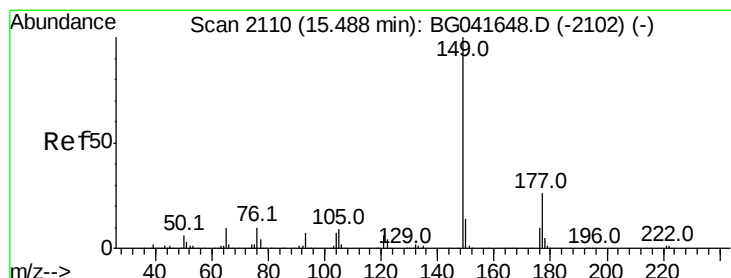
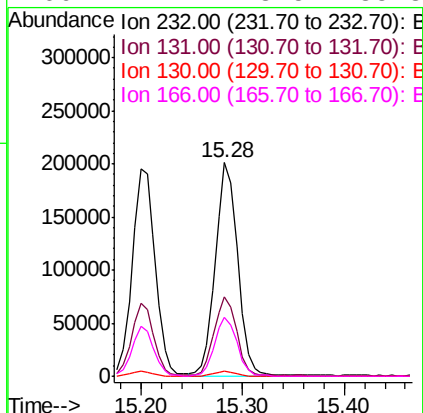
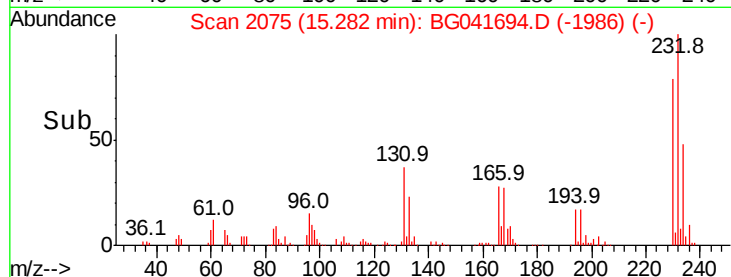
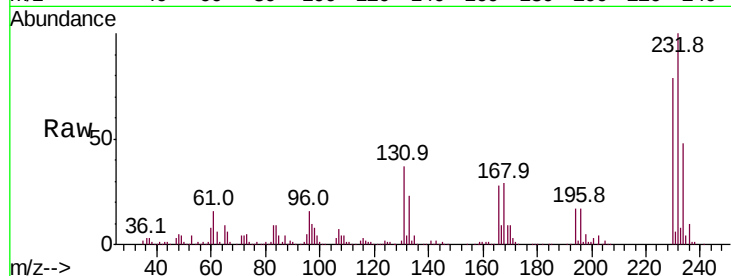




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.111 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

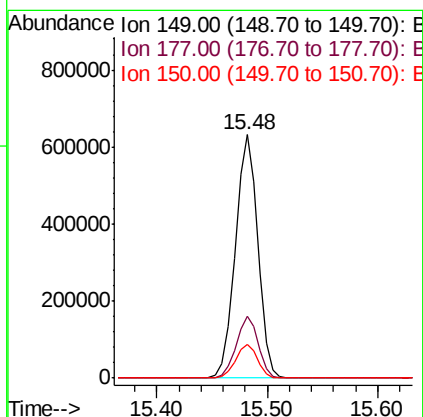
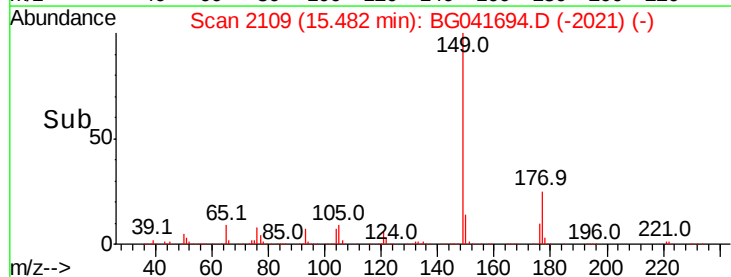
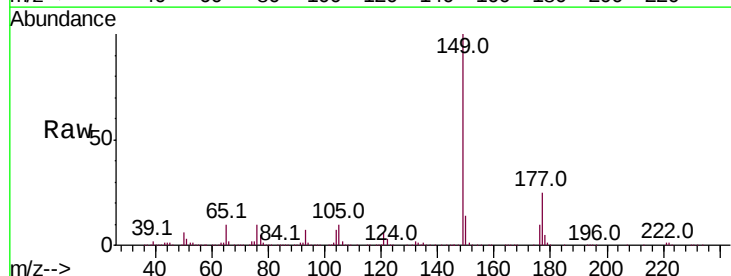
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

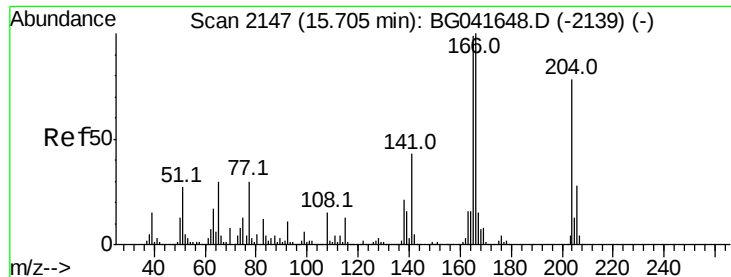
Tot Ion:	232	Resp:	307967
Ion	Ratio	Lower	Upper
232	100		
131	37.2	31.8	47.6
130	2.5	1.8	2.8
166	27.4	23.5	35.3



#60
 Diethylphthalate
 Concen: 41.611 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion:	149	Resp:	898762
Ion	Ratio	Lower	Upper
149	100		
177	25.4	20.7	31.1
150	14.0	11.5	17.3

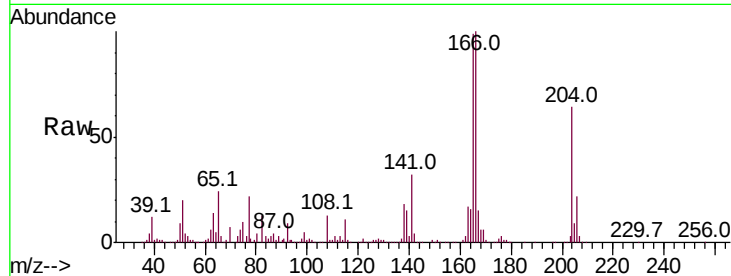




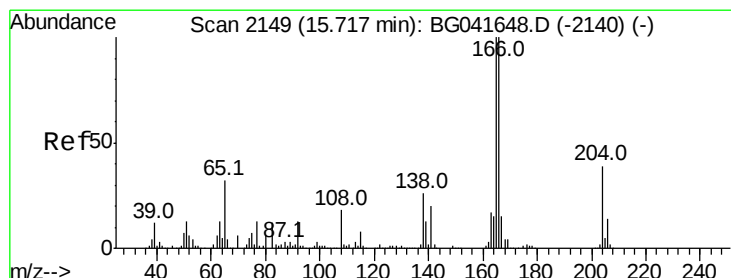
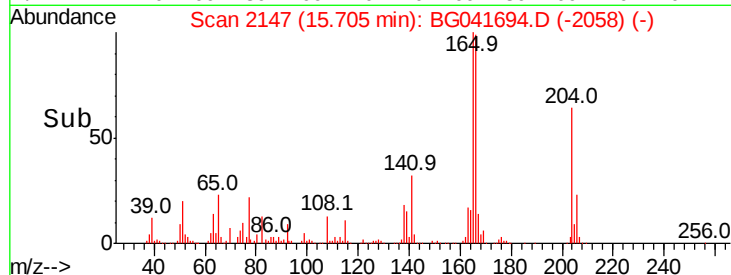
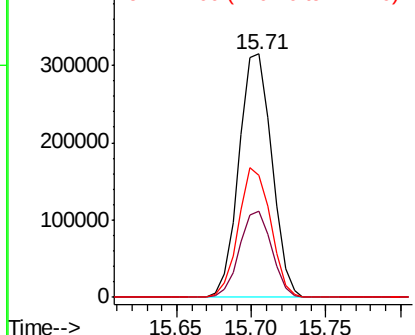
#61
 4-Chlorophenyl-phenylether
 Concen: 41.591 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion:204 Resp: 481356
 Ion Ratio Lower Upper
 204 100
 206 35.2 28.6 42.8
 141 49.9 42.9 64.3

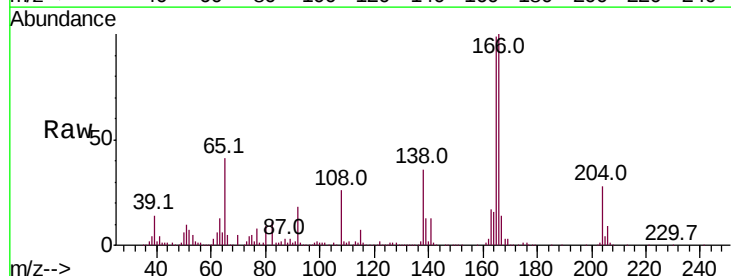


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

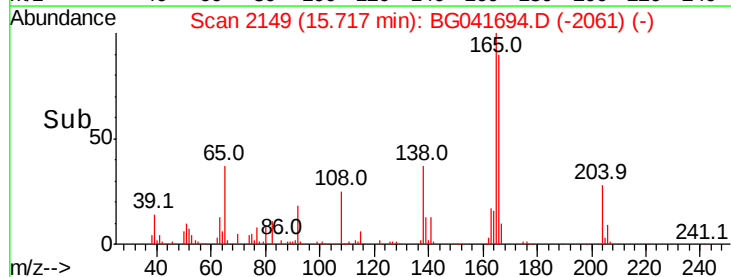
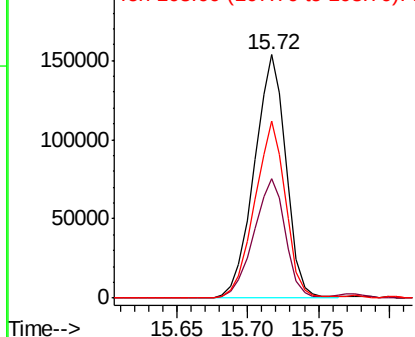


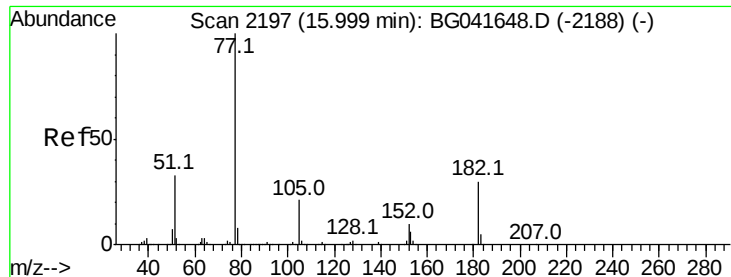
#62
 4-Nitroaniline
 Concen: 46.096 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion:138 Resp: 242699
 Ion Ratio Lower Upper
 138 100
 92 48.9 29.8 69.8
 108 72.6 52.2 92.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.532 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

Tot Ion: 77 Resp: 791476

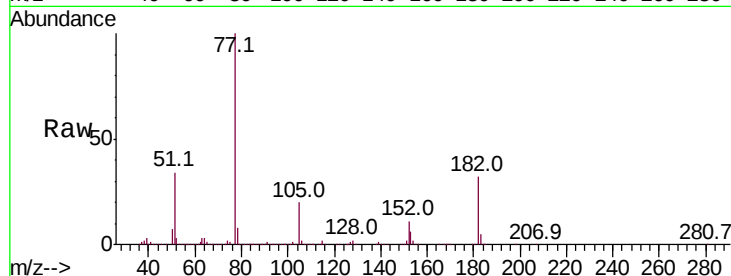
Ion Ratio Lower Upper

77 100

182 31.5 13.2 53.2

105 20.3 2.2 42.2

51 34.2 14.6 54.6

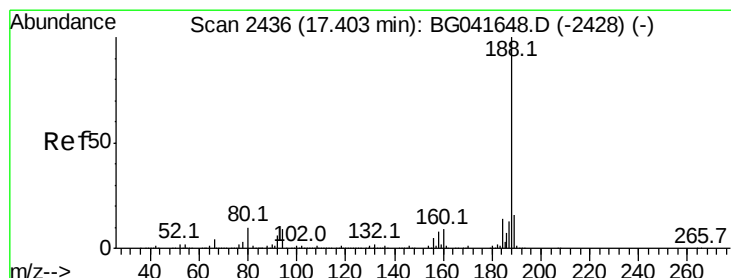
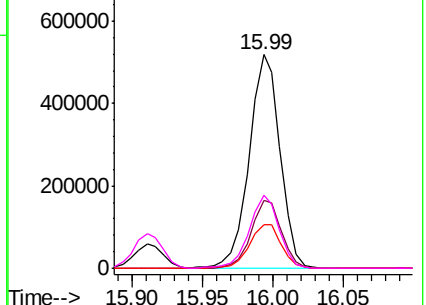
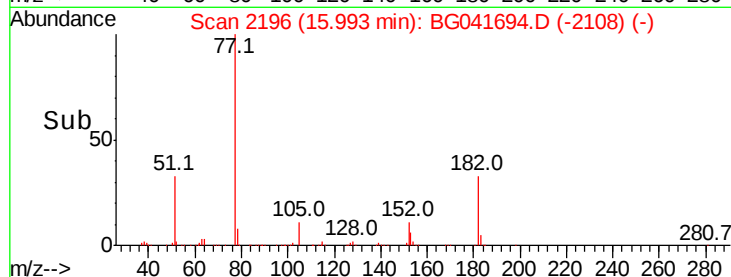


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

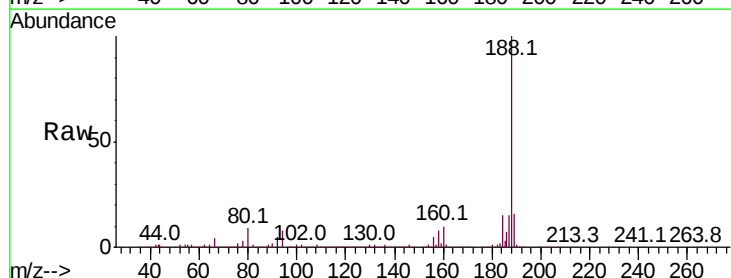
Tgt Ion: 188 Resp: 663269

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

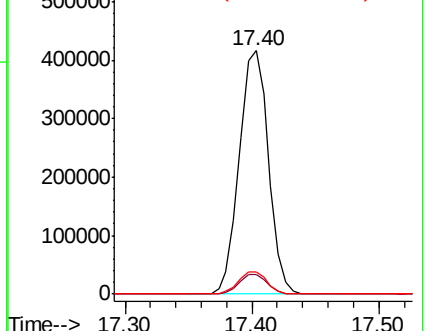
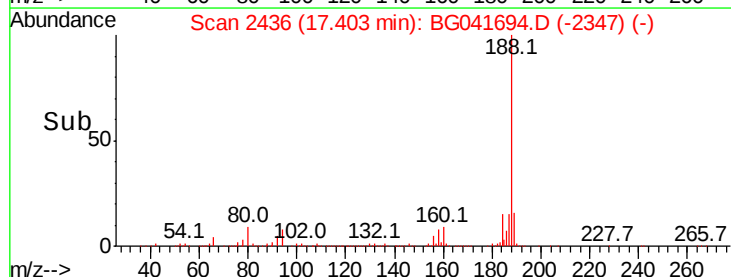
80 9.3 8.0 12.0

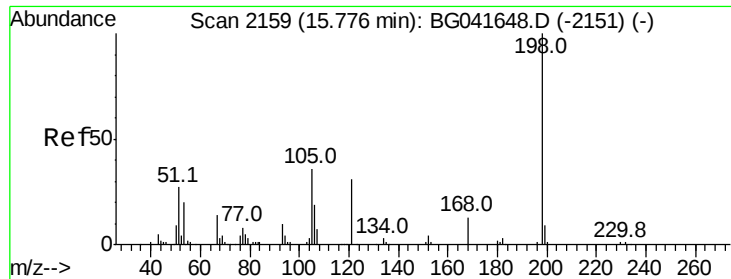


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

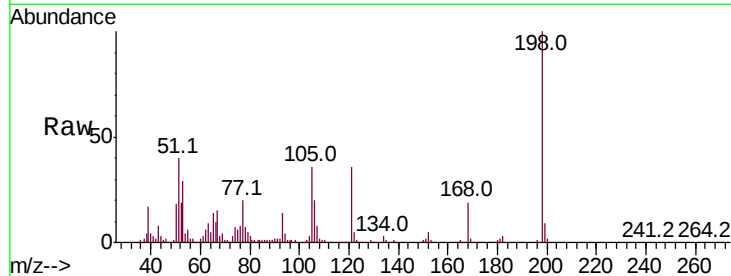




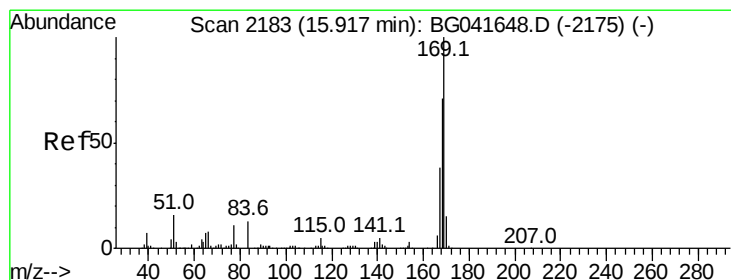
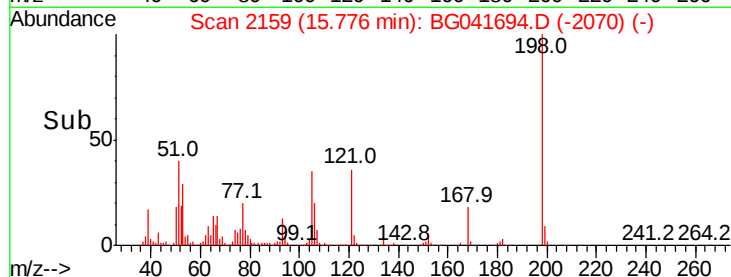
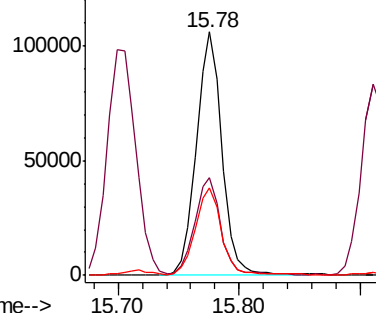
#65
4,6-Dinitro-2-methylphenol
Concen: 49.297 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.3	22.3	62.3
105	35.7	18.0	58.0

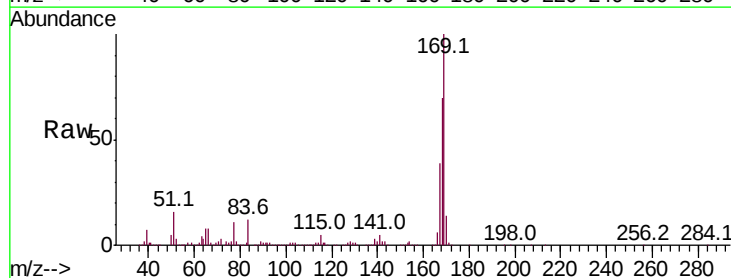


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

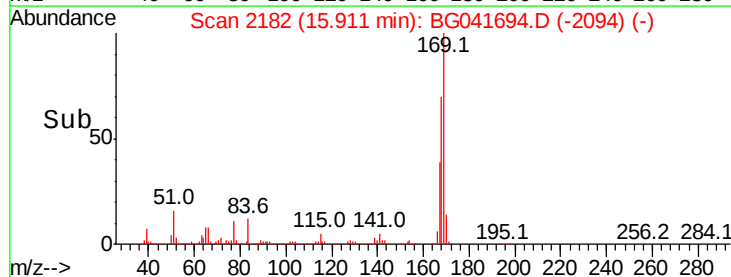
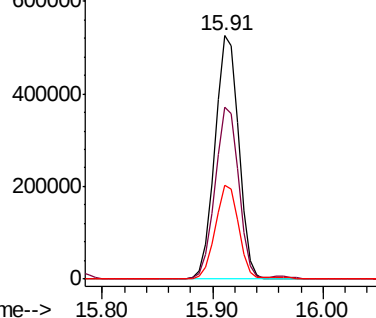


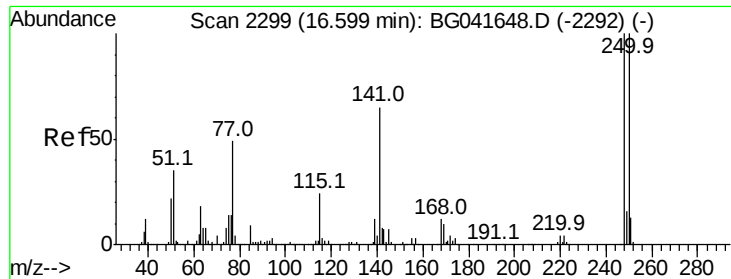
#66
n-Nitrosodiphenylamine
Concen: 40.948 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	56.9	85.3
167	38.7	31.5	47.3



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

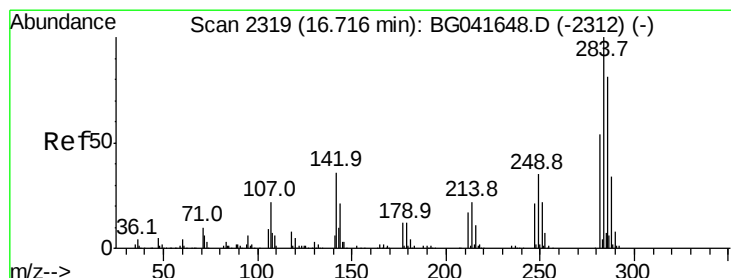
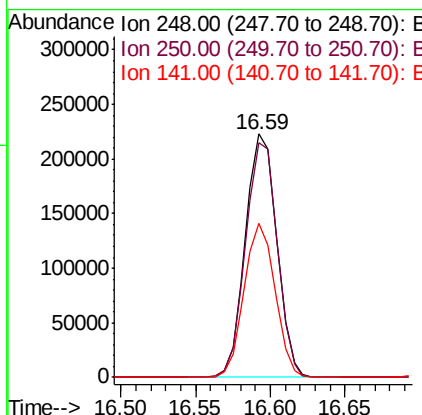
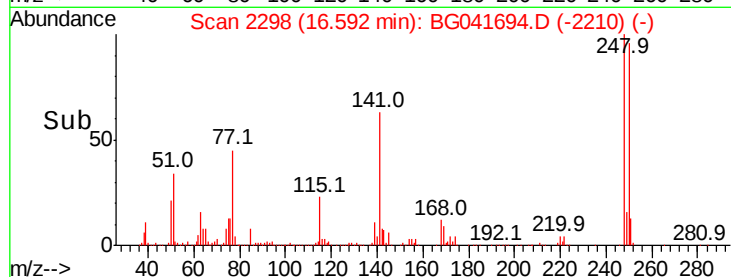
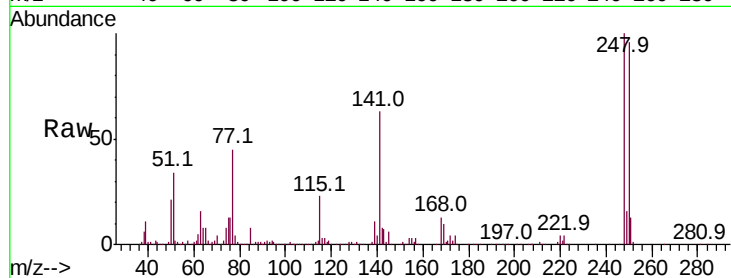




#67
4-Bromophenyl-phenylether
Concen: 41.059 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

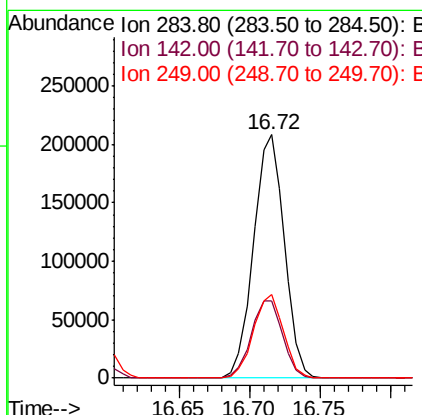
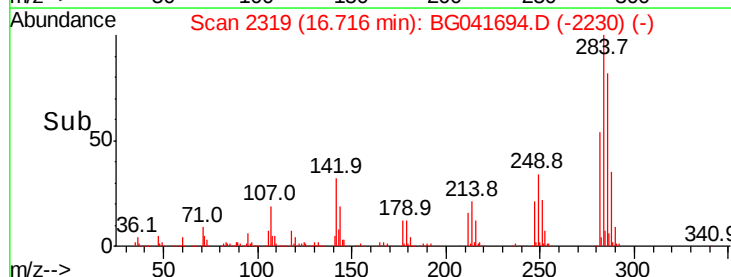
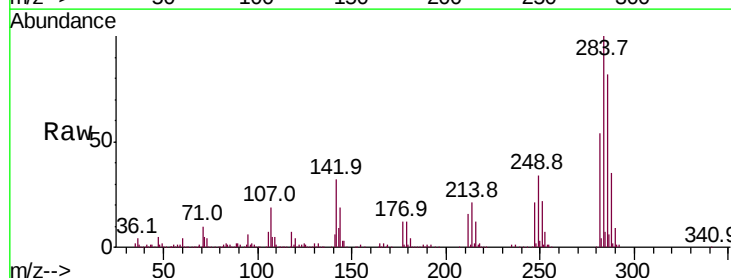
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

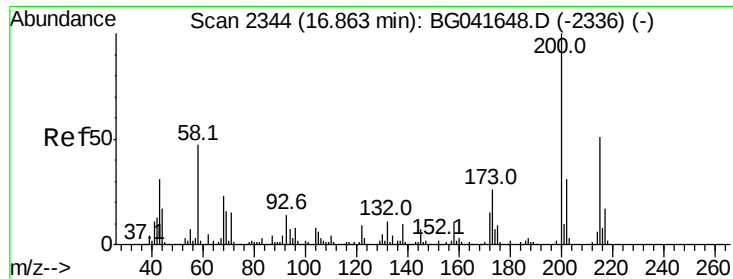
Tot Ion:248 Resp: 324037
Ion Ratio Lower Upper
248 100
250 96.4 78.1 117.1
141 63.2 49.6 74.4



#68
Hexachlorobenzene
Concen: 40.176 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:284 Resp: 319283
Ion Ratio Lower Upper
284 100
142 31.6 27.0 40.6
249 34.4 28.4 42.6

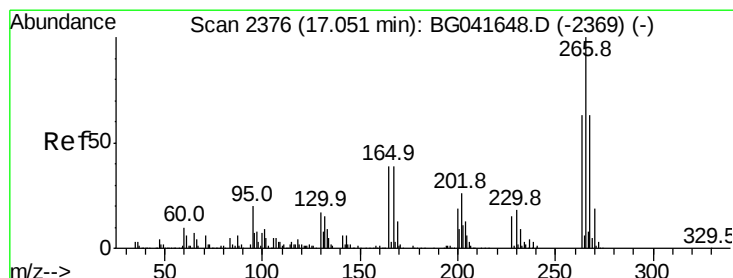
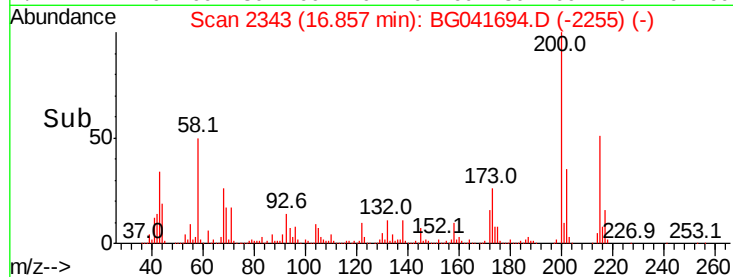
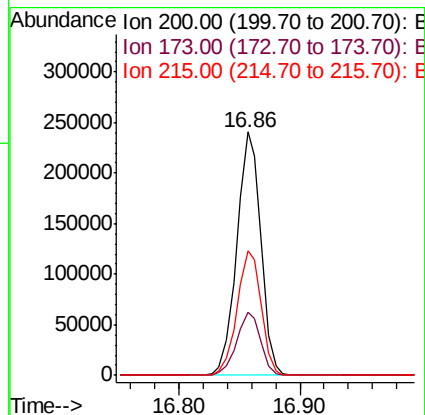
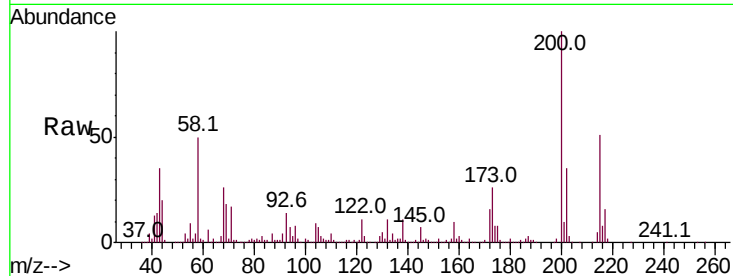




#69
 Atrazine
 Concen: 47.084 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

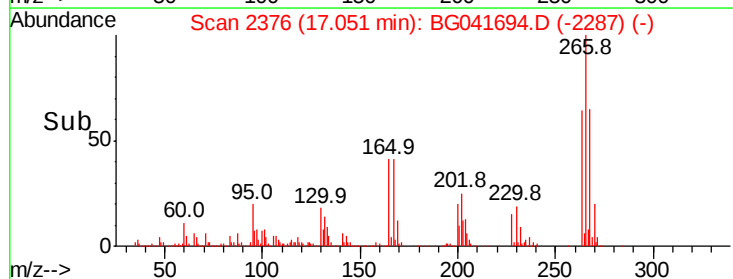
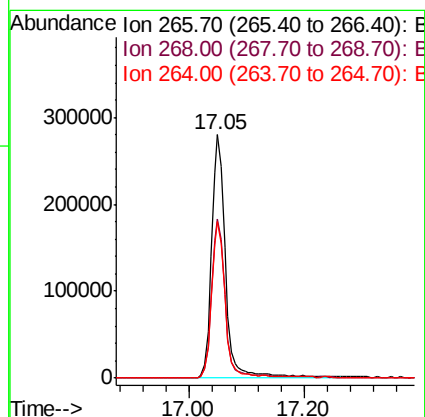
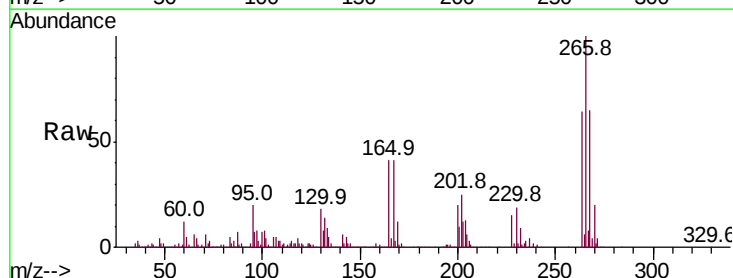
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

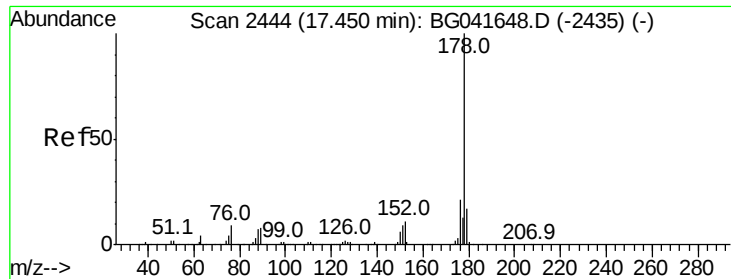
Tot Ion:	200	Resp:	332811
Ion	Ratio	Lower	Upper
200	100		
173	25.8	5.3	45.3
215	51.0	31.8	71.8



#70
 Pentachlorophenol
 Concen: 96.564 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion:	266	Resp:	479837
Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.9	79.3
264	64.2	51.4	77.2





#71

Phenanthrene

Concen: 41.661 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

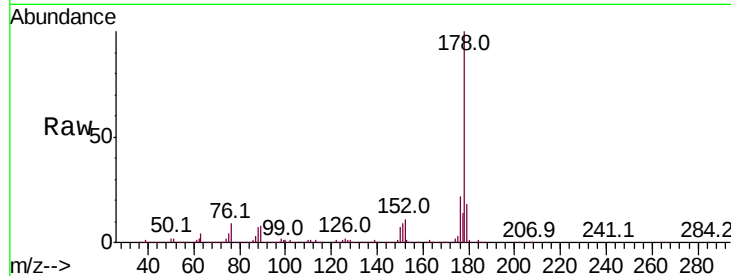
Tot Ion:178 Resp: 1391588

Ion	Ratio	Lower	Upper
178	100		
176	22.1	18.6	28.0
179	17.8	15.4	23.0

178 100

176 22.1 18.6 28.0

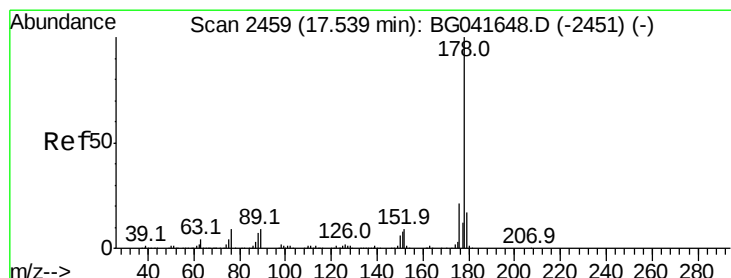
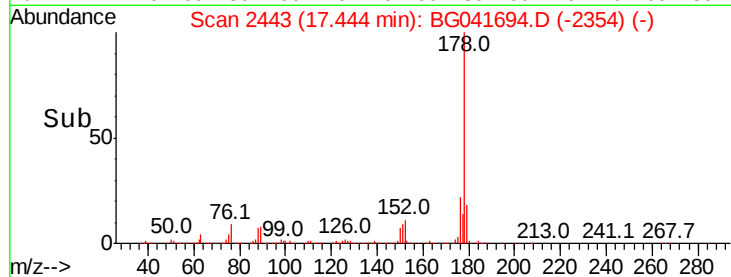
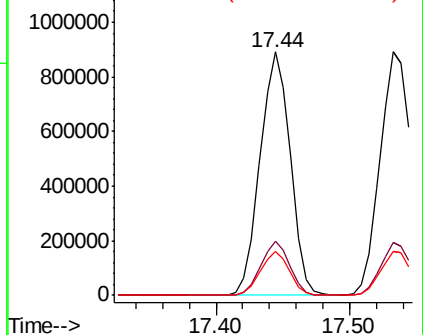
179 17.8 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.015 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

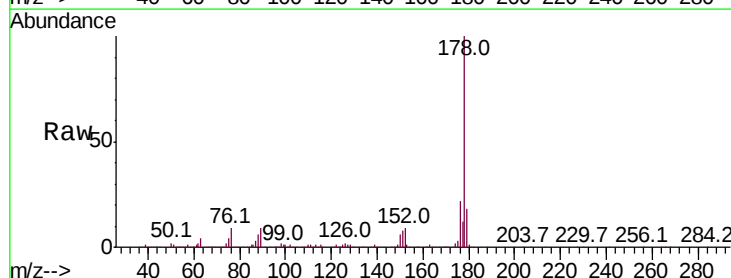
Tgt Ion:178 Resp: 1432192

Ion	Ratio	Lower	Upper
178	100		
176	21.6	18.6	28.0
179	18.2	15.1	22.7

178 100

176 21.6 18.6 28.0

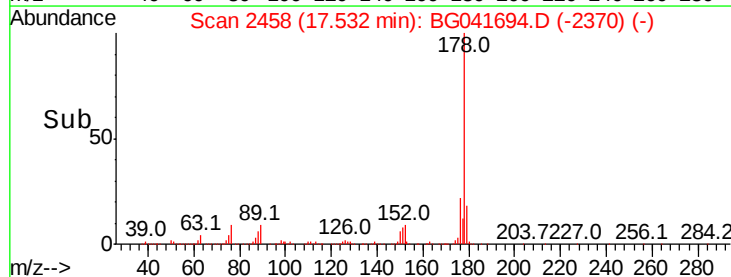
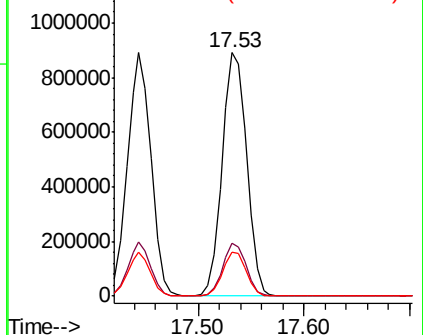
179 18.2 15.1 22.7

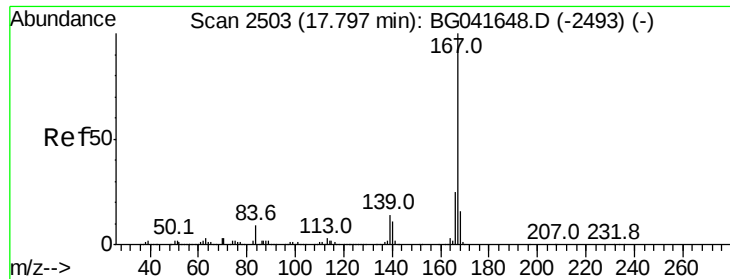


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



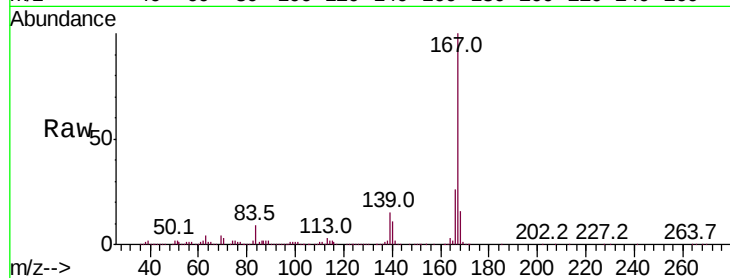


#73
 Carbazole
 Concen: 43.491 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

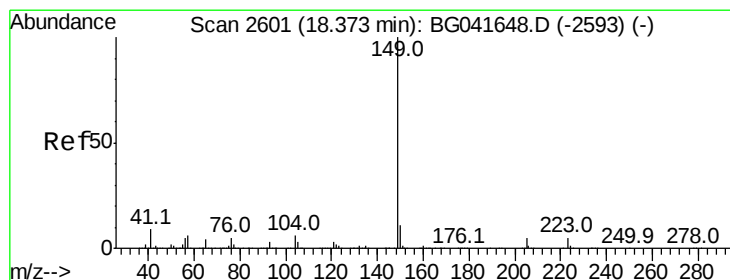
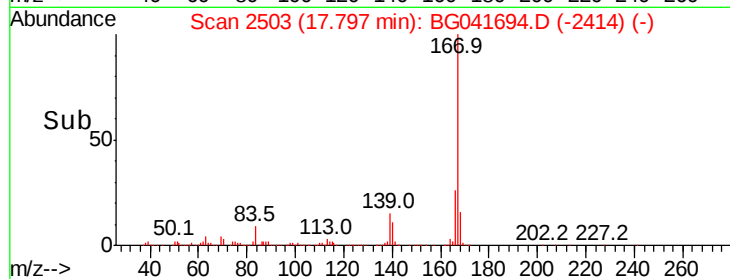
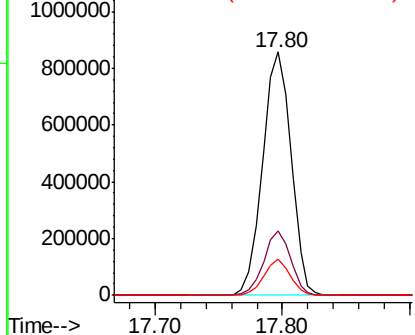
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion:167 Resp: 1342975

Ion	Ratio	Lower	Upper
167	100		
166	26.3	21.4	32.2
139	14.7	12.1	18.1



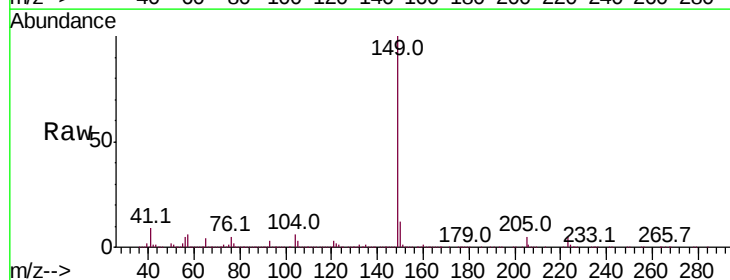
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



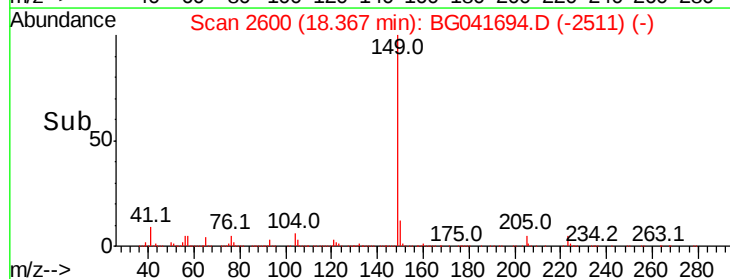
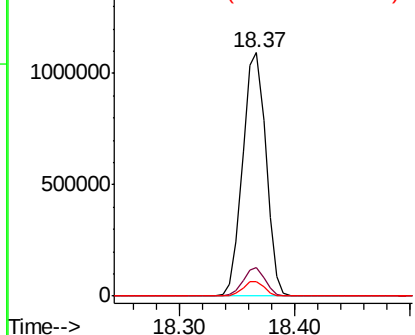
#74
 Di-n-butylphthalate
 Concen: 40.701 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

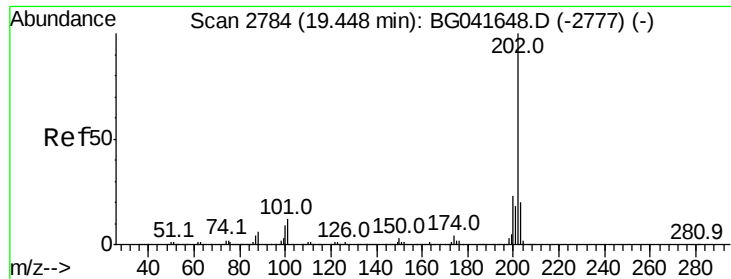
Tgt Ion:149 Resp: 1532874

Ion	Ratio	Lower	Upper
149	100		
150	11.5	10.2	15.2
104	5.9	5.3	7.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.679 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

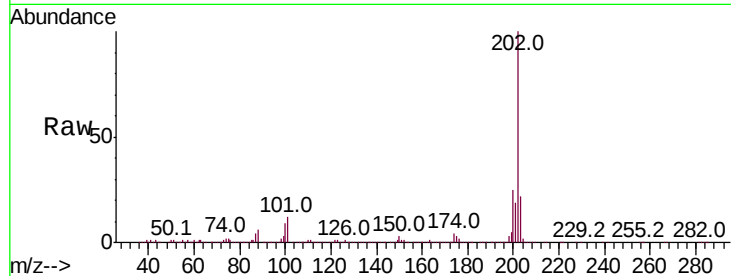
BNA_G

ClientSampleId :

SB-4(0-2)MS

Tot Ion:202 Resp: 1709482

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.8
203	21.8	3.7	43.7

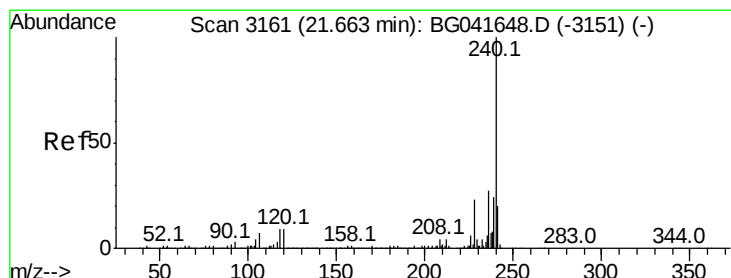
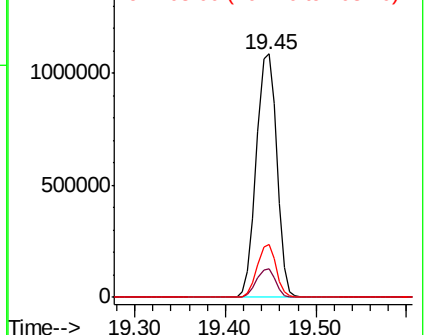
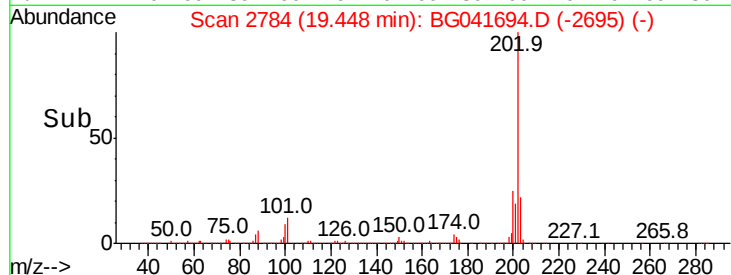


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

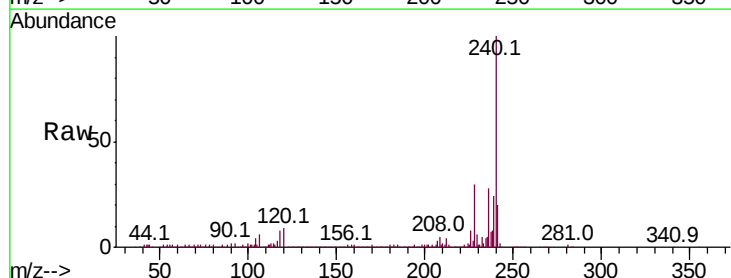
Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:240 Resp: 657219

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.0	12.0
236	28.5	22.6	33.8

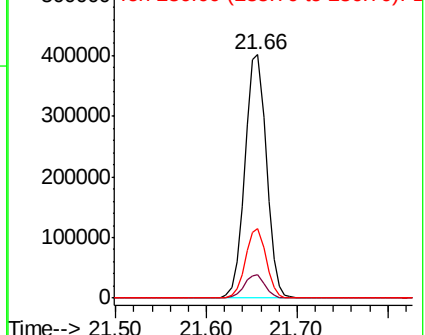
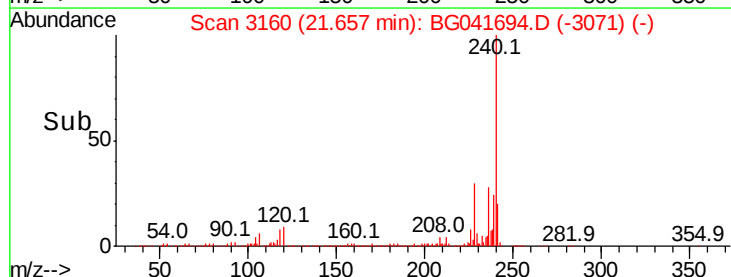


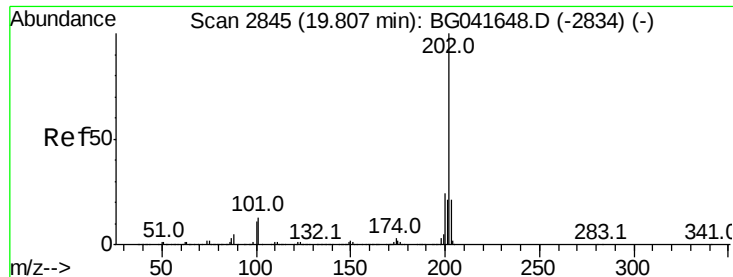
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

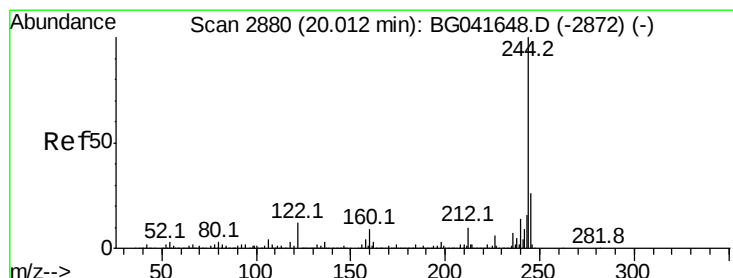
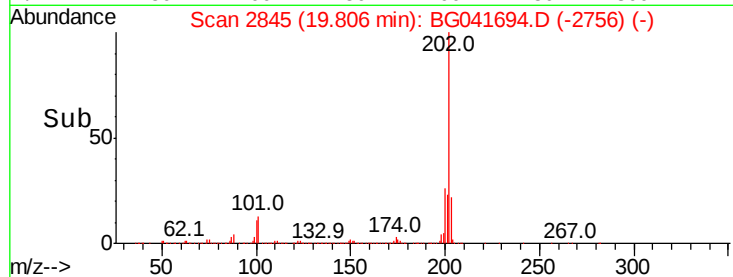
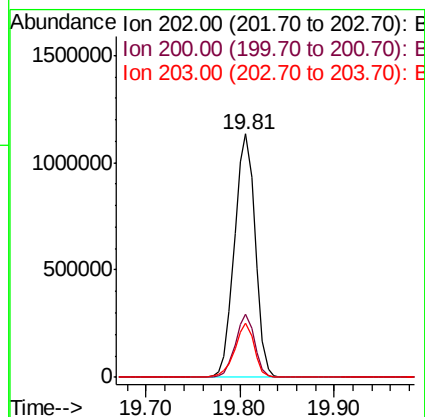
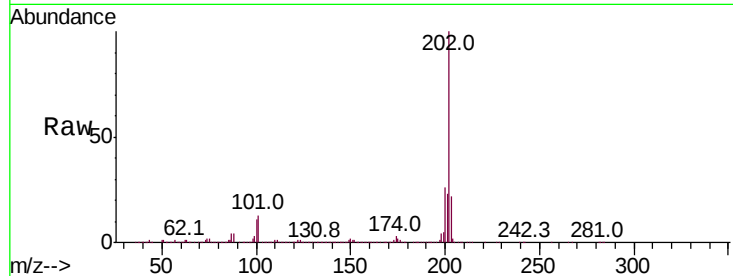




#78
Pvrene
Concen: 39.006 ng
RT: 19.81 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

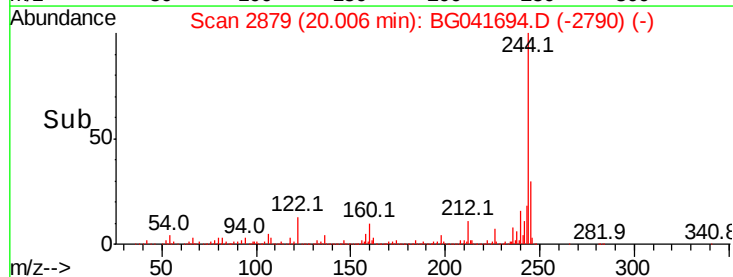
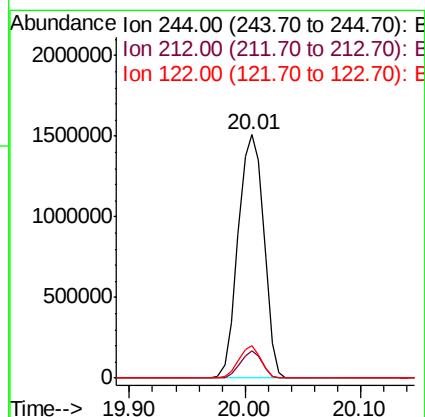
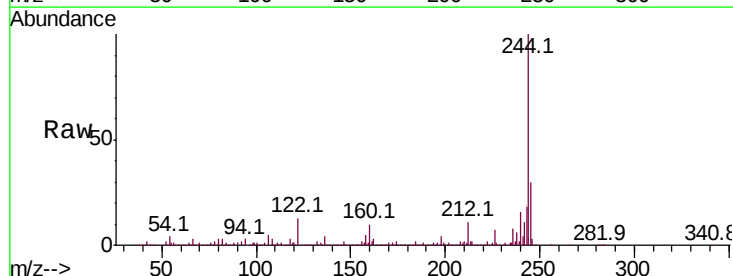
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

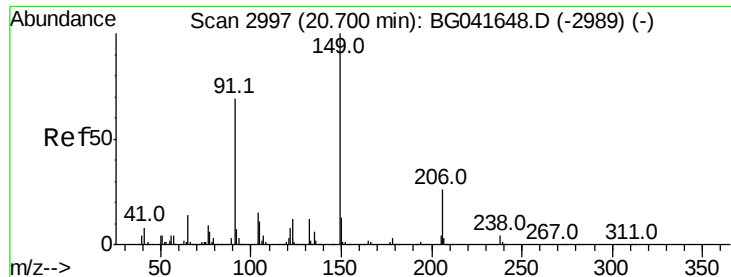
Tot Ion:202 Resp: 1733788
Ion Ratio Lower Upper
202 100
200 26.0 22.2 33.2
203 22.0 18.9 28.3



#79
Terphenyl-d14
Concen: 82.616 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:244 Resp: 2323474
Ion Ratio Lower Upper
244 100
212 11.2 9.7 14.5
122 13.4 12.5 18.7

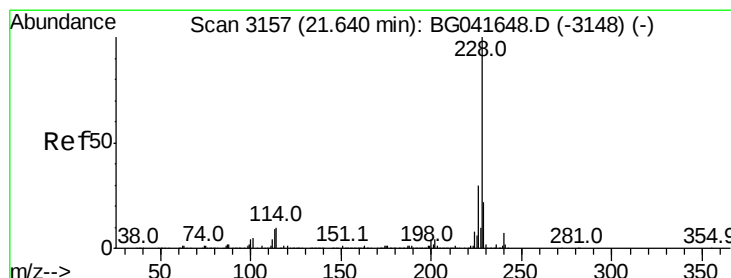
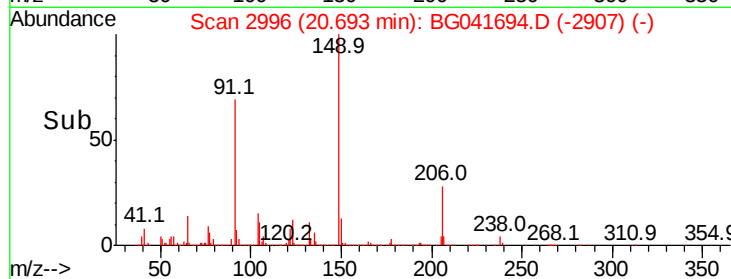
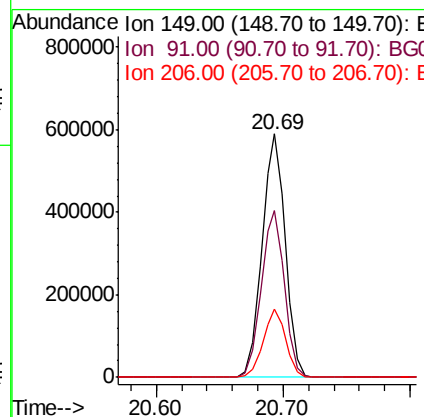
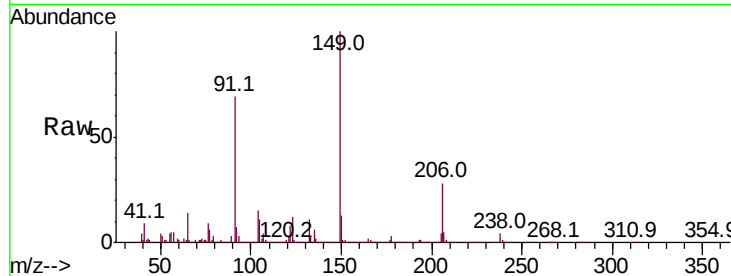




#80
Butylbenzylphthalate
Concen: 40.602 ng
RT: 20.69 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

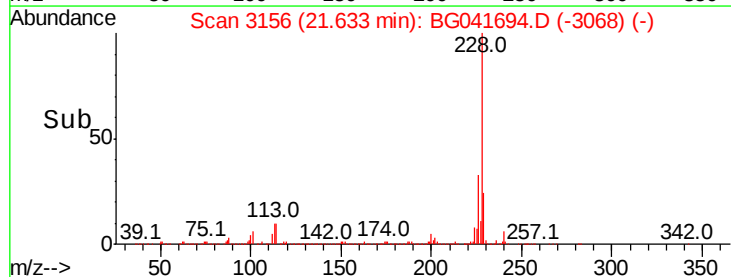
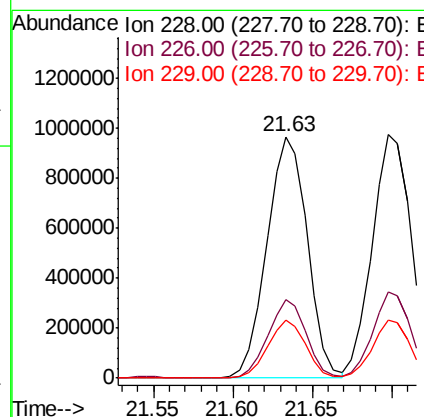
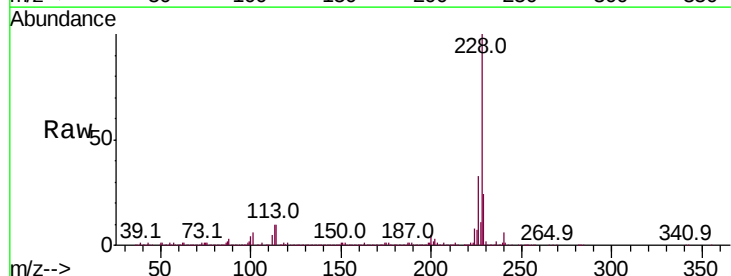
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

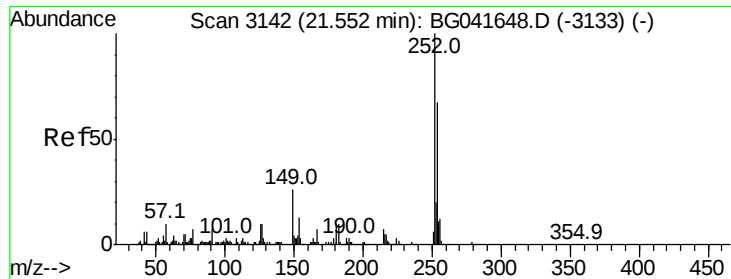
Tot Ion:149 Resp: 749949
Ion Ratio Lower Upper
149 100
91 68.8 58.9 88.3
206 28.3 20.8 31.2



#81
Benzo(a)anthracene
Concen: 40.343 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:228 Resp: 1713112
Ion Ratio Lower Upper
228 100
226 32.6 27.3 40.9
229 23.9 19.7 29.5

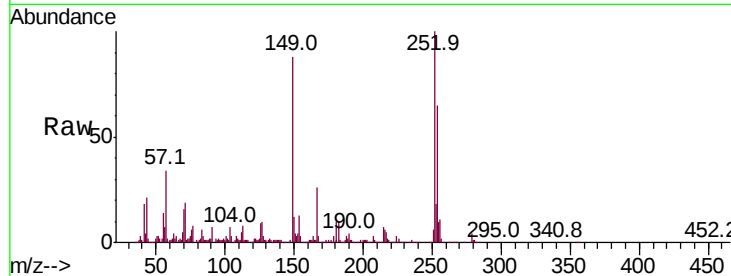




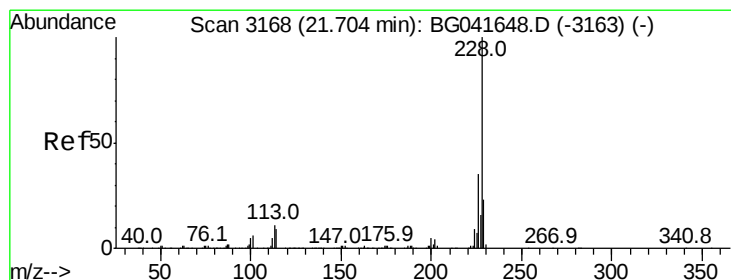
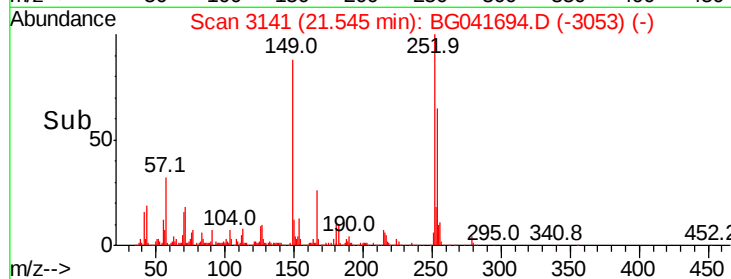
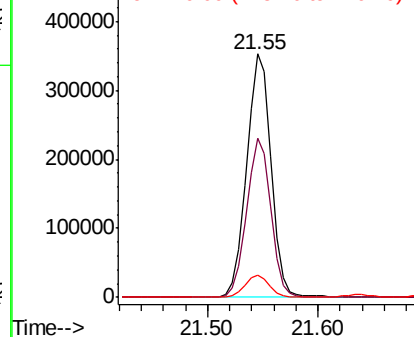
#82
 3,3'-Dichlorobenzidine
 Concen: 32.782 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion:252 Resp: 547774
 Ion Ratio Lower Upper
 252 100
 254 65.4 53.8 80.6
 126 9.1 7.8 11.8

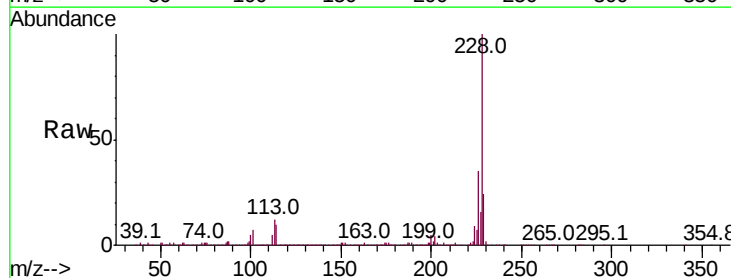


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

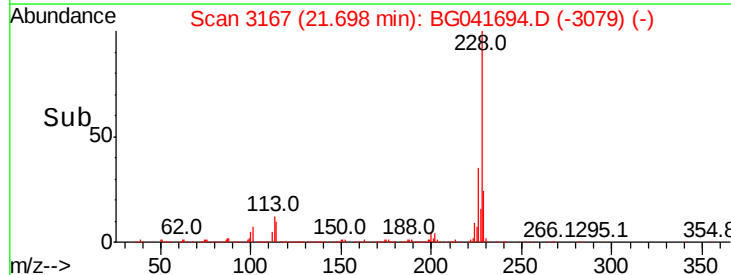
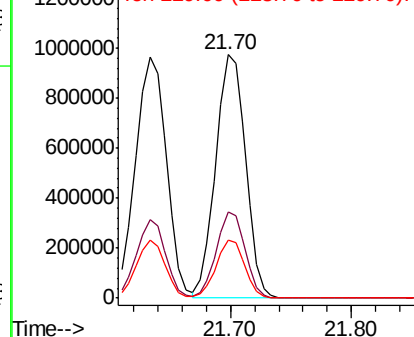


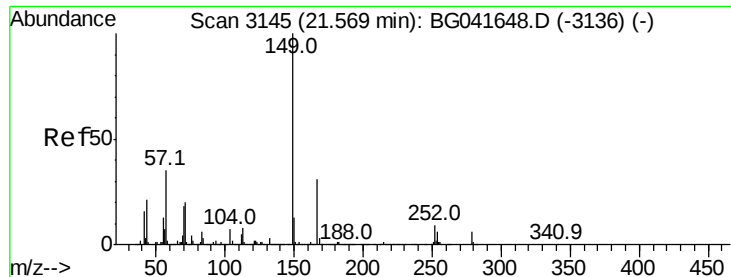
#83
 Chrysene
 Concen: 41.024 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion:228 Resp: 1664551
 Ion Ratio Lower Upper
 228 100
 226 35.3 30.1 45.1
 229 23.9 19.8 29.6



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.104 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

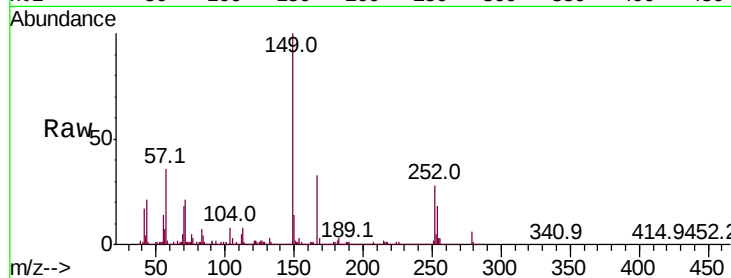
Tot Ion:149 Resp: 1045885

Ion Ratio Lower Upper

149 100

167 32.8 27.0 40.4

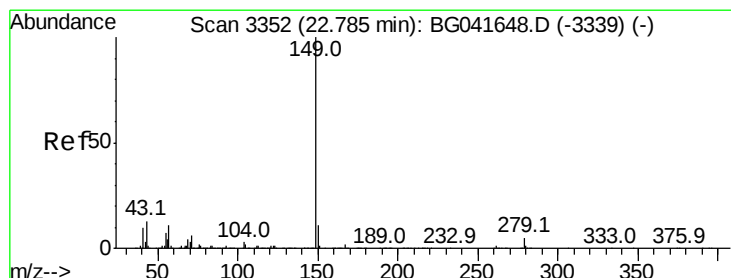
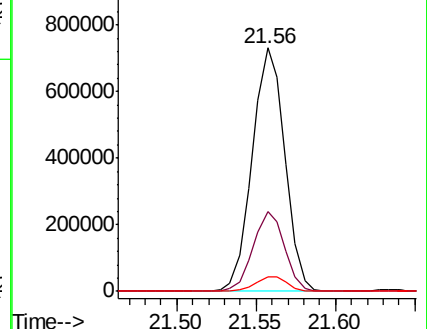
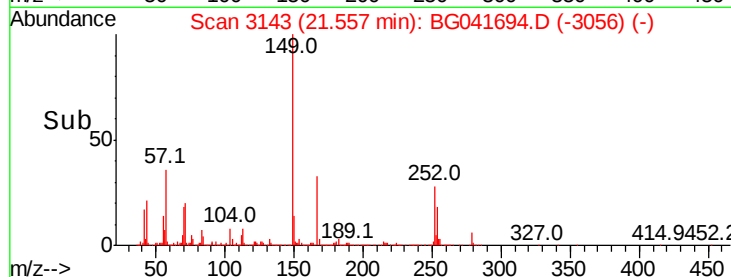
279 6.1 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 41.154 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.02 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

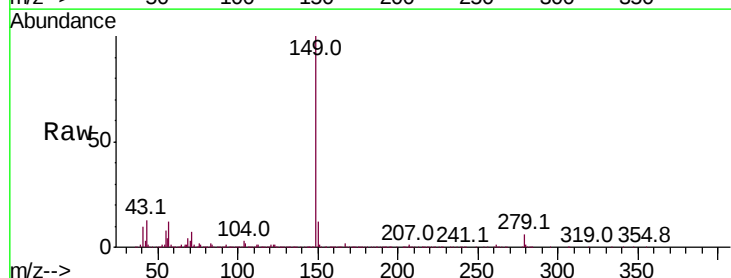
Tgt Ion:149 Resp: 1827771

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

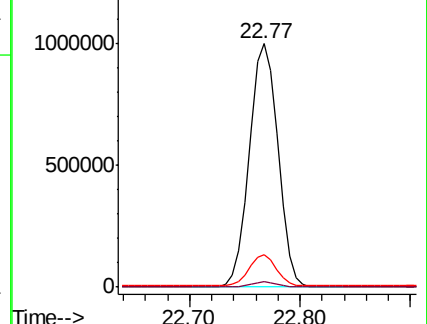
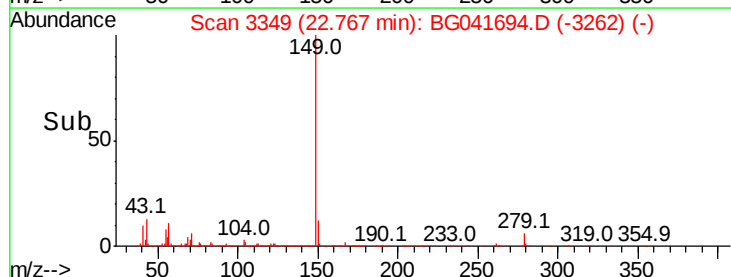
43 12.3 10.6 16.0

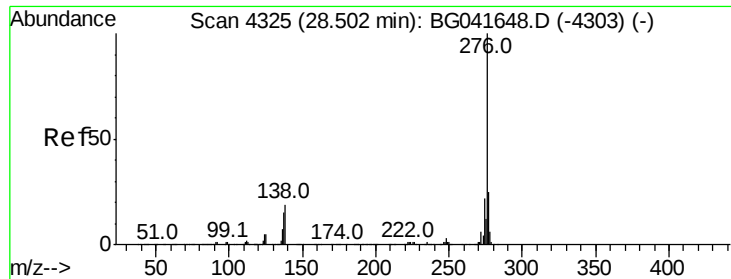


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

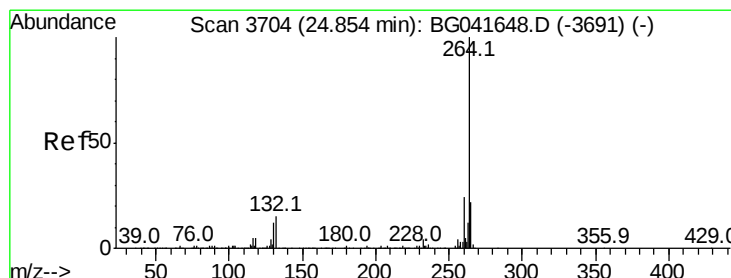
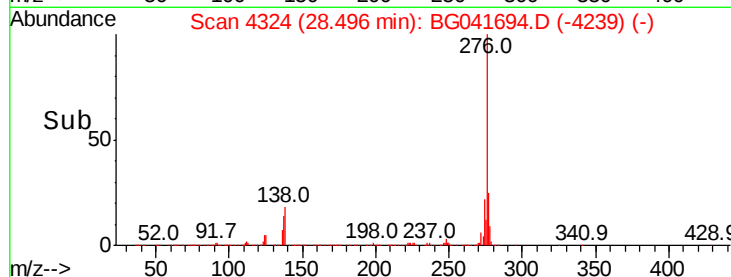
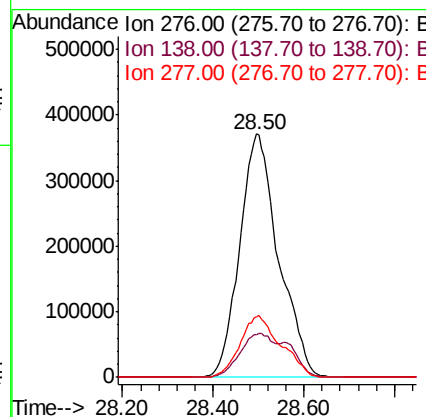
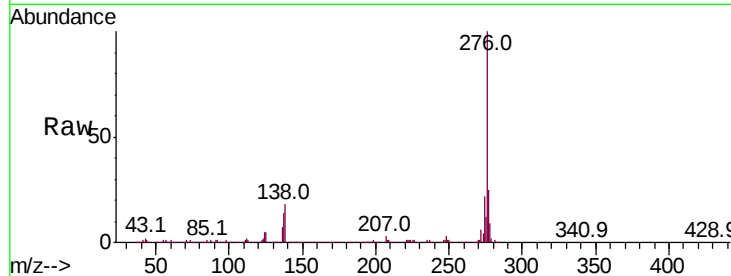




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 41.207 ng
 RT: 28.50 min Scan# 4324
 Delta R.T. -0.03 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

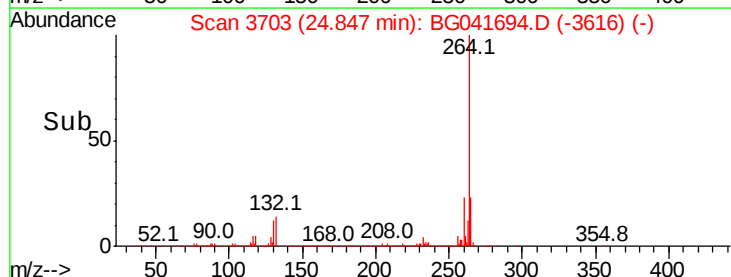
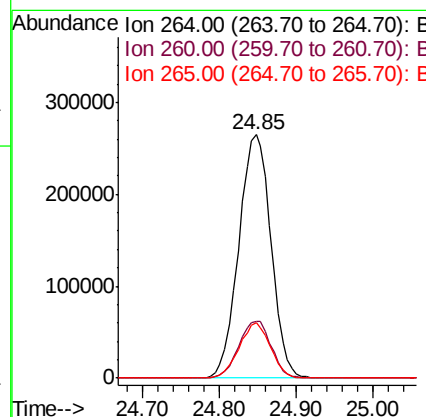
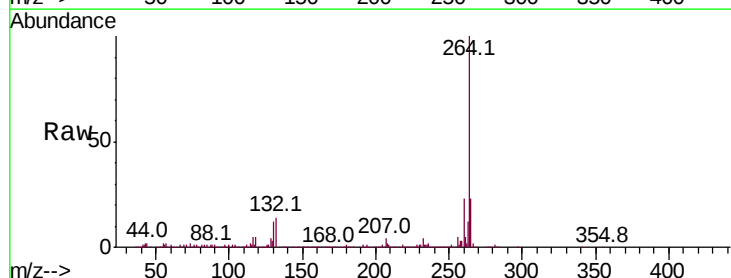
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

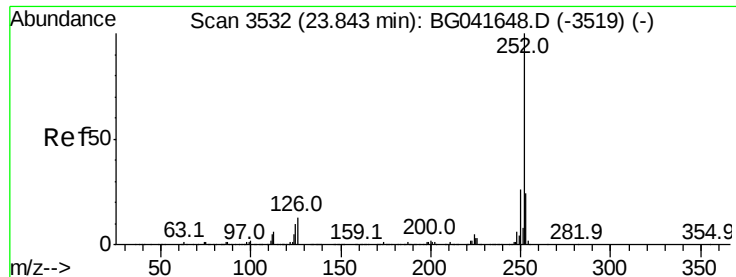
Tot Ion:276 Resp: 2206164
 Ion Ratio Lower Upper
 276 100
 138 15.1 19.4 29.0#
 277 26.6 21.2 31.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3703
 Delta R.T. -0.02 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion:264 Resp: 773835
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 23.0 18.0 27.0

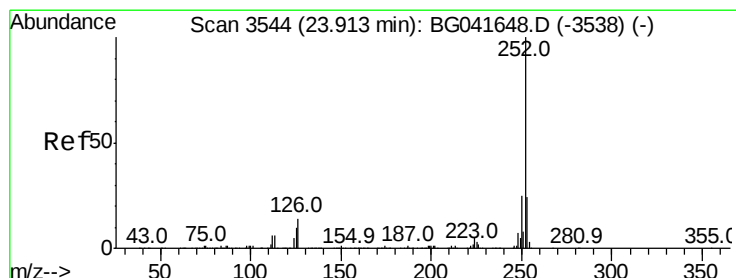
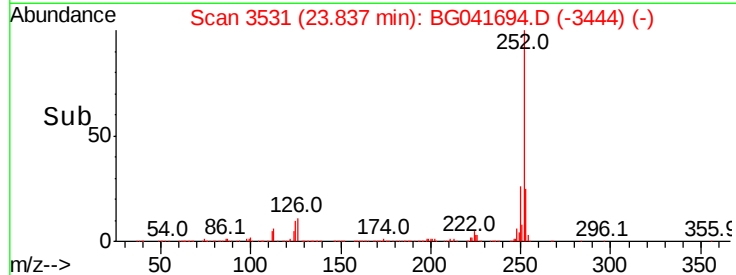
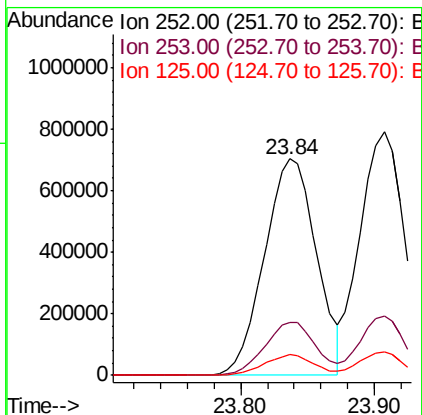
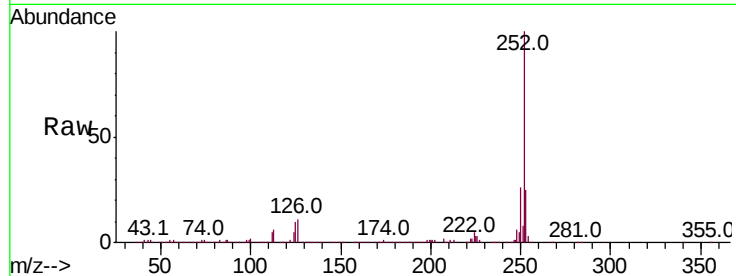




#88
Benzo(b)fluoranthene
Concen: 40.532 ng
RT: 23.84 min Scan# 3531
Delta R.T. -0.02 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

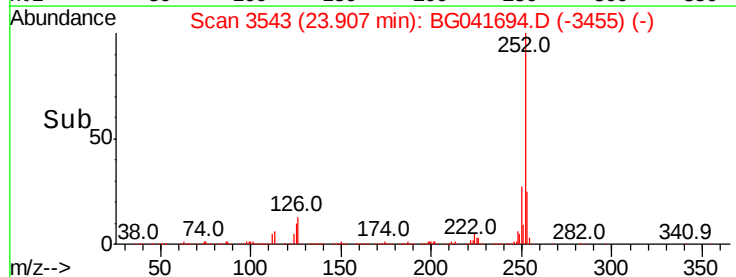
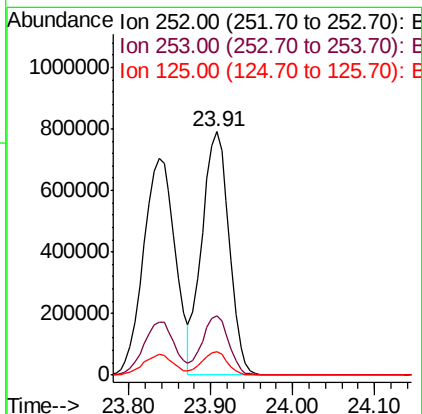
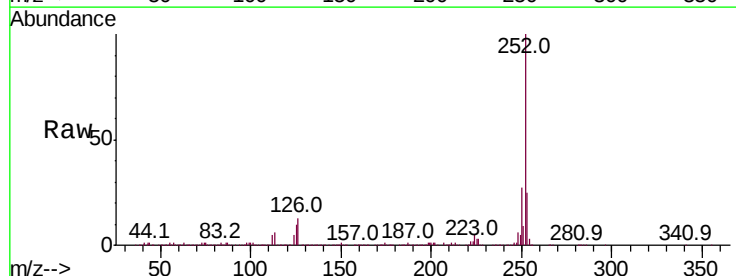
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

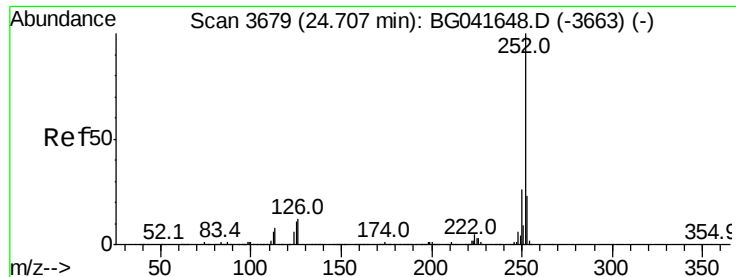
Tot Ion:252 Resp: 1902541
Ion Ratio Lower Upper
252 100
253 24.6 20.6 30.8
125 9.6 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 42.001 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:252 Resp: 1826790
Ion Ratio Lower Upper
252 100
253 24.6 20.5 30.7
125 9.6 8.4 12.6

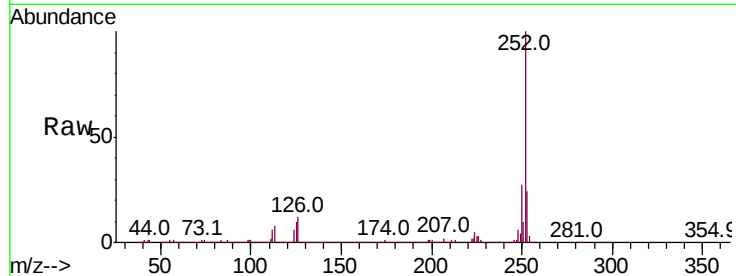




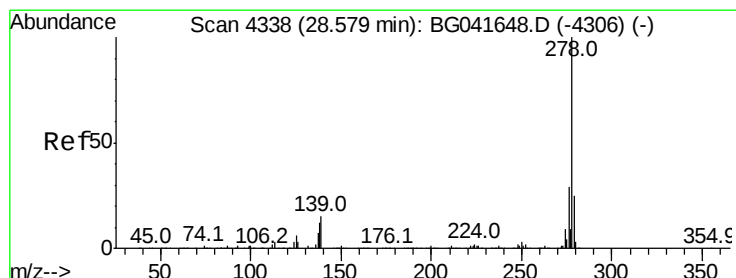
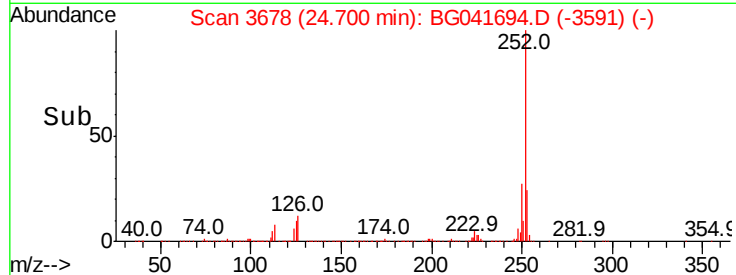
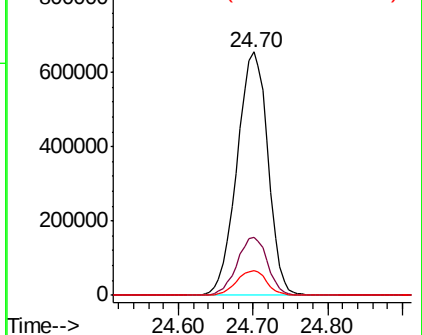
#90
Benzo(a)pyrene
Concen: 42.301 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion:252 Resp: 1878633
Ion Ratio Lower Upper
252 100
253 23.9 19.8 29.8
125 10.0 8.8 13.2

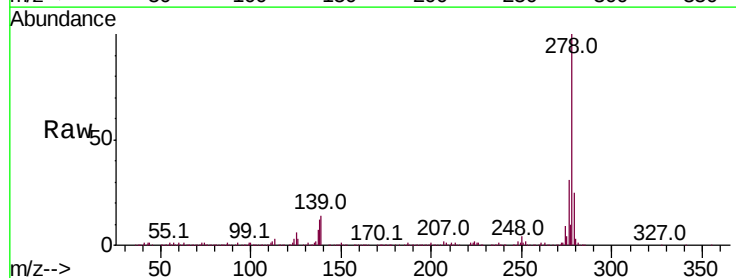


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

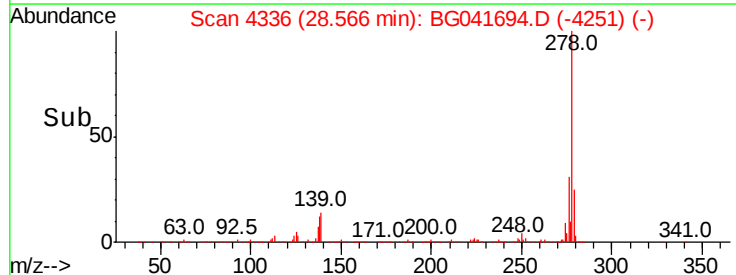
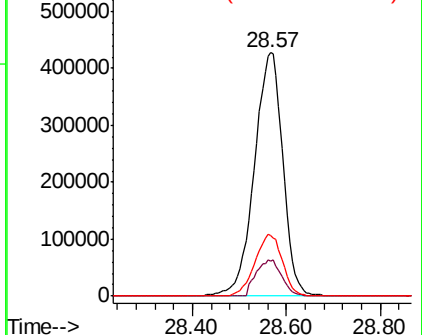


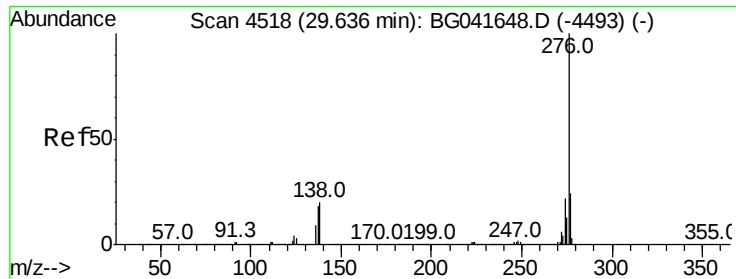
#91
Dibenzo(a,h)anthracene
Concen: 41.901 ng
RT: 28.57 min Scan# 4336
Delta R.T. -0.03 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:278 Resp: 1804274
Ion Ratio Lower Upper
278 100
139 14.5 12.6 19.0
279 24.8 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 42.565 ng

RT: 29.64 min Scan# 4518

Delta R.T. -0.03 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

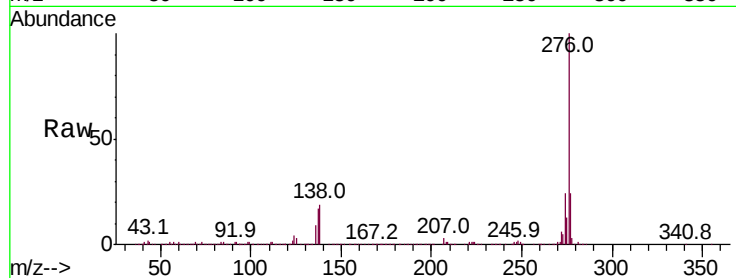
Tot Ion:276 Resp: 1836748

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 19.2 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

