

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041708.D
 Acq On : 18 Jul 2019 12:26
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 18 18:07:21 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	8.04	152	89945	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	371352	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	224738	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	559877	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	603096	20.00	ng	-0.01
87) Perylene-d12	24.84	264	707966	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	455377	82.76	ng	0.00
7) Phenol-d6	7.19	99	595943	80.53	ng	-0.01
23) Nitrobenzene-d5	9.20	82	523458	85.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	236126	93.23	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1210859	83.43	ng	0.00
79) Terphenyl-d14	20.00	244	2075561	80.42	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	105207	40.260	ng	99
3) Pyridine	3.89	79	287631	41.235	ng	99
4) n-Nitrosodimethylamine	3.80	42	119738	37.171	ng	95
6) Aniline	7.36	93	386838	38.893	ng	99
8) 2-Chlorophenol	7.61	128	253213	40.652	ng	97
9) Benzaldehyde	7.17	77	186519	41.238	ng	95
10) Phenol	7.22	94	311917	40.005	ng	100
11) bis(2-Chloroethyl)ether	7.46	93	245767	39.029	ng	99
12) 1,3-Dichlorobenzene	7.94	146	302578	40.711	ng	96
13) 1,4-Dichlorobenzene	8.08	146	299863	40.287	ng	98
14) 1,2-Dichlorobenzene	8.40	146	287375	40.951	ng	95
15) Benzyl Alcohol	8.27	79	220459	37.418	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	482320	36.964	ng	99
17) 2-Methylphenol	8.48	107	210236	38.990	ng	99
18) Hexachloroethane	9.14	117	111115	40.758	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	201201	37.197	ng	99
20) 3+4-Methylphenols	8.80	107	291628	39.467	ng	98
22) Acetophenone	8.87	105	367336	40.614	ng	# 93
24) Nitrobenzene	9.24	77	277119	41.602	ng	100
25) Isophorone	9.77	82	522077	39.045	ng	99
26) 2-Nitrophenol	9.96	139	133236	44.027	ng	98
27) 2,4-Dimethylphenol	10.01	122	211111	39.905	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	331177	40.187	ng	99
29) 2,4-Dichlorophenol	10.49	162	253798	42.077	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	293158	41.394	ng	99
31) Naphthalene	10.90	128	754395	41.264	ng	97
32) Benzoic acid	10.10	122	93317	26.337	ng	98
33) 4-Chloroaniline	11.00	127	345521	40.972	ng	98
34) Hexachlorobutadiene	11.20	225	190967	41.953	ng	98
35) Caprolactam	11.76	113	97703	44.069	ng	# 88
36) 4-Chloro-3-methylphenol	12.11	107	261132	41.325	ng	97
37) 2-Methylnaphthalene	12.50	142	569553	40.776	ng	99
38) 1-Methylnaphthalene	12.72	142	542736	40.757	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	317665	41.265	ng	99

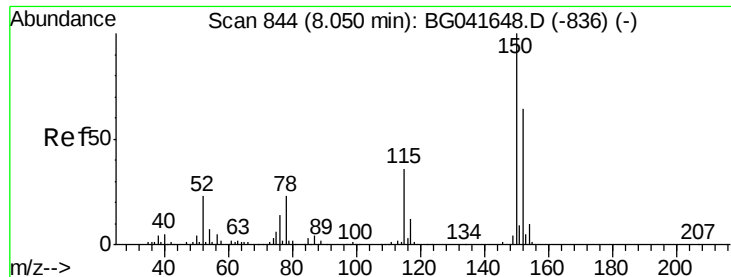
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041708.D
 Acq On : 18 Jul 2019 12:26
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Jul 18 18:07:21 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	178903	41.083	ng	100
43) 2,4,6-Trichlorophenol	13.10	196	215182	43.020	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	228820	43.419	ng	97
46) 1,1'-Biphenyl	13.50	154	691371	41.063	ng	99
47) 2-Chloronaphthalene	13.54	162	578629	41.235	ng	99
48) 2-Nitroaniline	13.73	65	182645	44.705	ng	99
49) Acenaphthylene	14.39	152	914871	41.764	ng	97
50) Dimethylphthalate	14.11	163	742349	42.058	ng	98
51) 2,6-Dinitrotoluene	14.22	165	168111	44.902	ng	97
52) Acenaphthene	14.73	154	568402	41.175	ng	99
53) 3-Nitroaniline	14.55	138	185354	45.353	ng	95
54) 2,4-Dinitrophenol	14.75	184	66198	39.335	ng	# 83
55) Dibenzofuran	15.06	168	871957	42.093	ng	96
56) 4-Nitrophenol	14.85	139	162047	48.973	ng	97
57) 2,4-Dinitrotoluene	15.01	165	239246	48.342	ng	99
58) Fluorene	15.71	166	706177	41.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	222390	45.709	ng	99
60) Diethylphthalate	15.48	149	751874	42.284	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	398808	41.857	ng	98
62) 4-Nitroaniline	15.71	138	211598	48.817	ng	99
63) Azobenzene	15.99	77	663456	41.270	ng	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	114714	43.834	ng	96
66) n-Nitrosodiphenylamine	15.91	169	658806	40.069	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	266953	40.072	ng	97
68) Hexachlorobenzene	16.71	284	271974	40.543	ng	96
69) Atrazine	16.85	200	243807	40.862	ng	98
70) Pentachlorophenol	17.05	266	185478	44.219	ng	97
71) Phenanthrene	17.44	178	1185980	42.063	ng	96
72) Anthracene	17.53	178	1200078	42.699	ng	96
73) Carbazole	17.79	167	1169703	44.875	ng	95
74) Di-n-butylphthalate	18.36	149	1382298	43.480	ng	97
75) Fluoranthene	19.44	202	1535286	44.345	ng	96
77) Benzidine	19.61	184	835809	39.125	ng	98
78) Pyrene	19.80	202	1557307	38.179	ng	95
80) Butylbenzylphthalate	20.69	149	701691	41.398	ng	97
81) Benzo(a)anthracene	21.63	228	1598644	41.026	ng	97
82) 3,3'-Dichlorobenzidine	21.55	252	643730	41.982	ng	97
83) Chrysene	21.70	228	1544197	41.473	ng	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	974376	40.715	ng	97
85) Di-n-octyl phthalate	22.76	149	1698648	41.679	ng	96
86) Indeno(1,2,3-cd)pyrene	28.49	276	2038162	41.486	ng	# 92
88) Benzo(b)fluoranthene	23.83	252	1760287	40.991	ng	97
89) Benzo(k)fluoranthene	23.90	252	1657336	41.650	ng	99
90) Benzo(a)pyrene	24.69	252	1672397	41.161	ng	99
91) Dibenzo(a,h)anthracene	28.56	278	1641435	41.666	ng	99
92) Benzo(g,h,i)perylene	29.62	276	1641620	41.583	ng	98

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

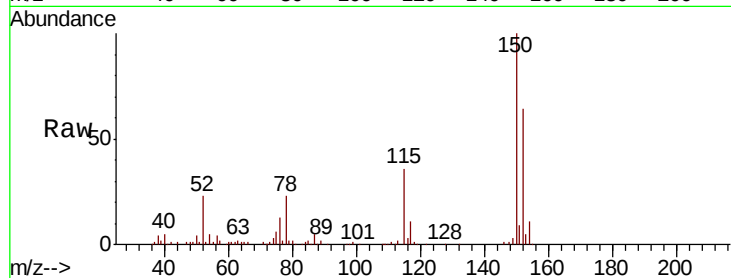


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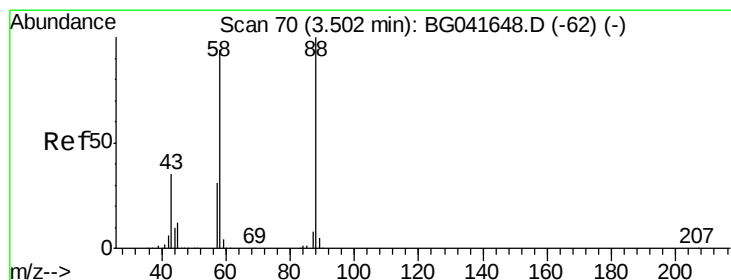
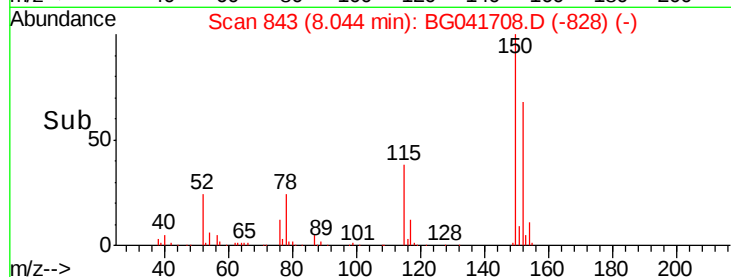
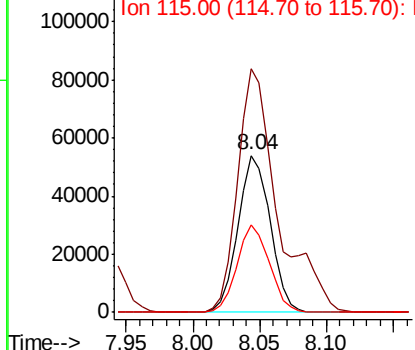
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 89945
Ion Ratio Lower Upper
152 100
150 155.4 126.9 190.3
115 55.5 45.0 67.6



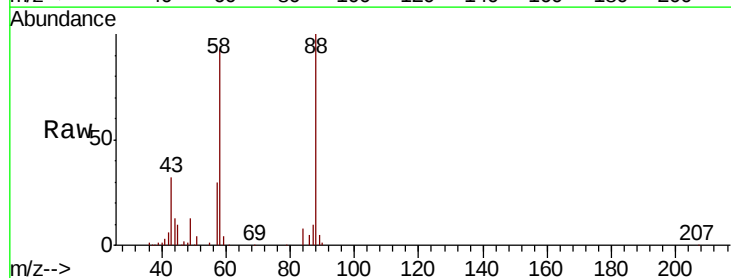
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



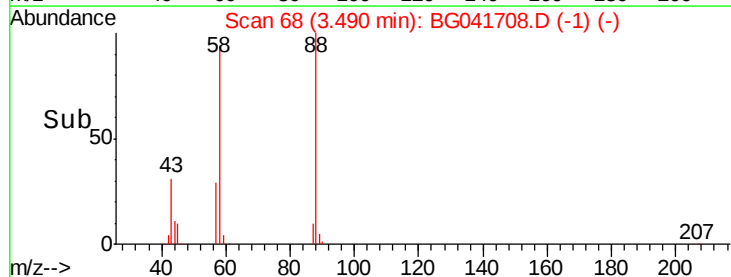
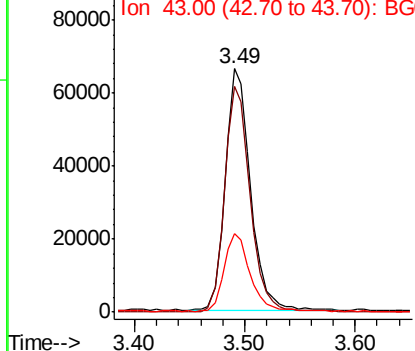
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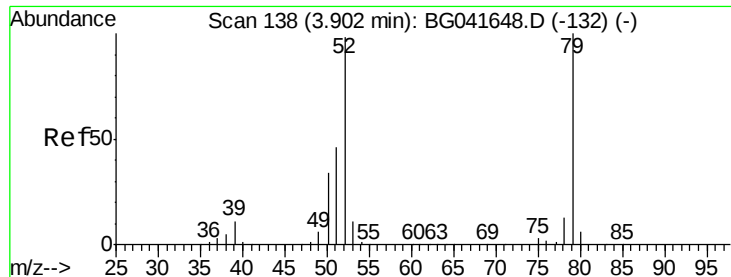
1,4-Dioxane
Concen: 40.260 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion: 88 Resp: 105207
Ion Ratio Lower Upper
88 100
58 94.7 76.2 114.2
43 33.0 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: 41.235 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

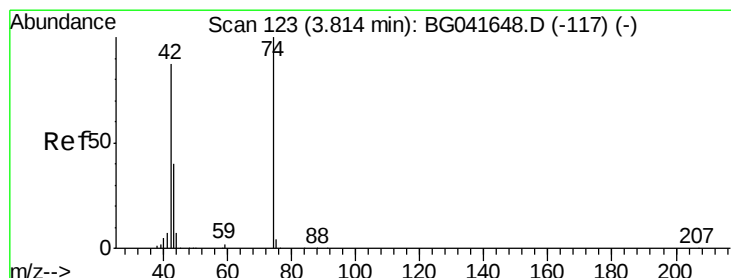
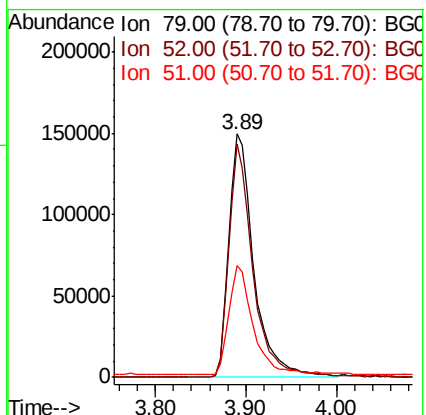
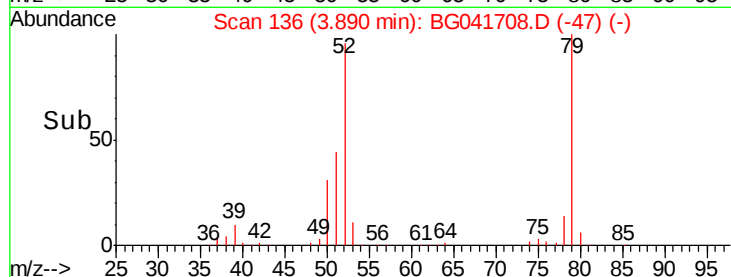
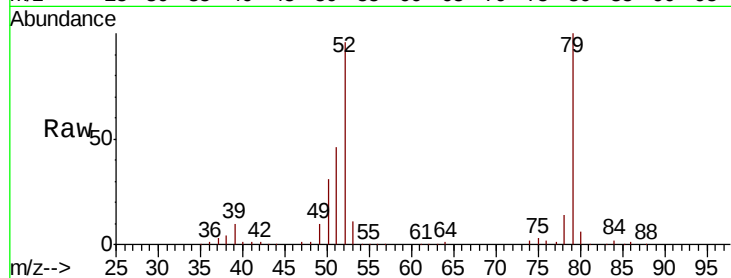
Tot Ion: 79 Resp: 287631

Ion Ratio Lower Upper

79 100

52 96.1 77.1 115.7

51 46.0 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 37.171 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

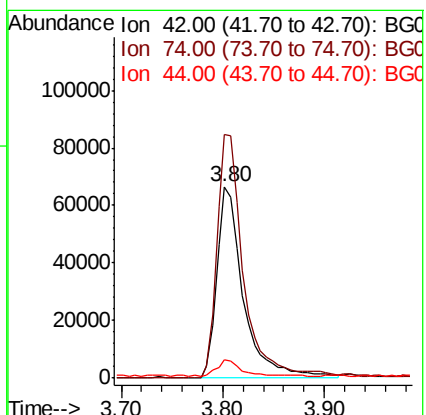
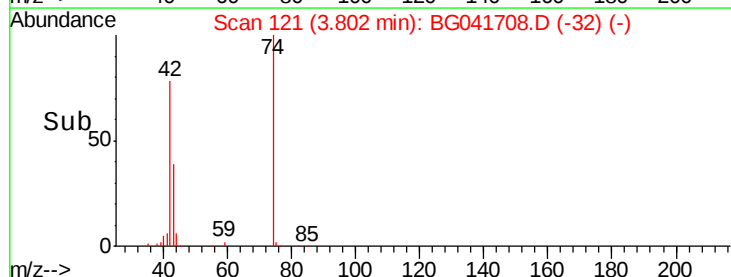
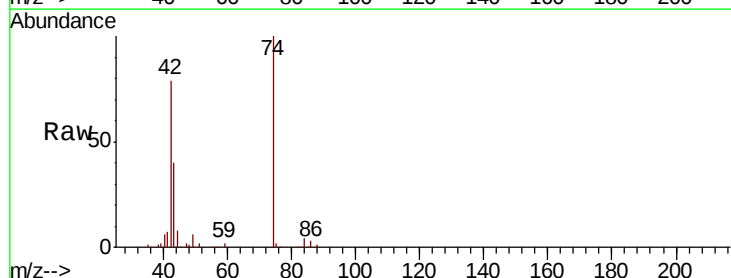
Tgt Ion: 42 Resp: 119738

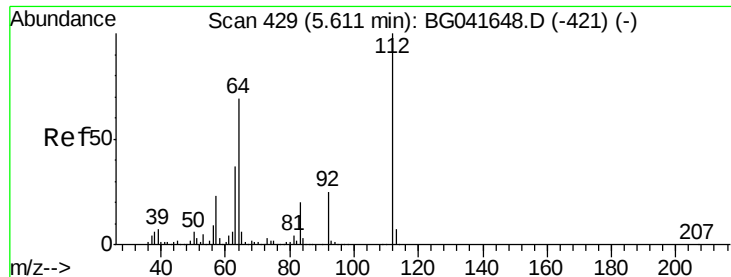
Ion Ratio Lower Upper

42 100

74 127.1 97.4 146.2

44 9.7 6.6 9.8





#5

2-Fluorophenol

Concen: 82.765 ng

RT: 5.61 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

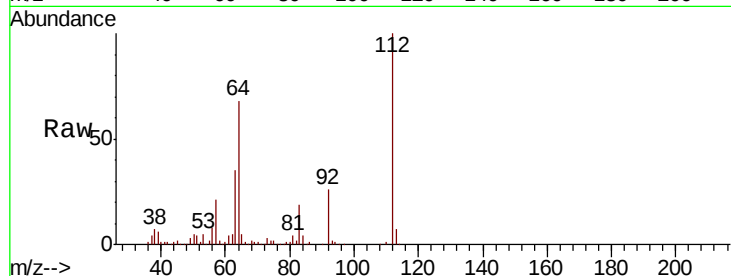
Tot Ion:112 Resp: 455377

Ion Ratio Lower Upper

112 100

64 68.0 55.4 83.2

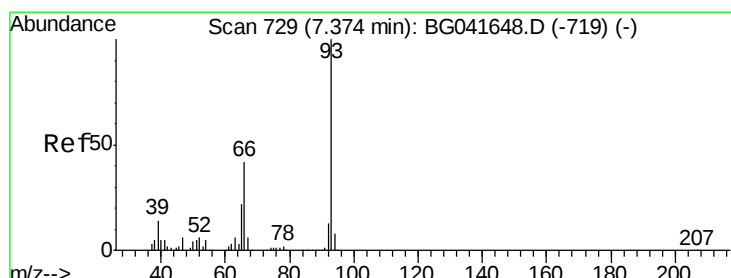
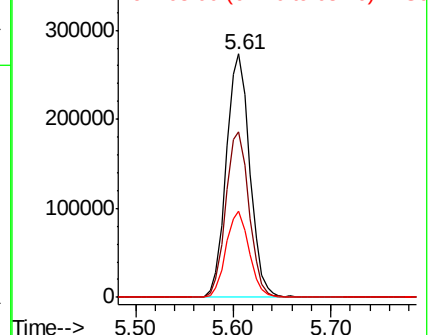
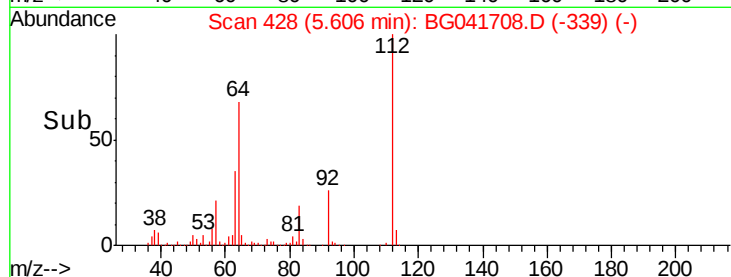
63 35.1 29.1 43.7



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: 38.893 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

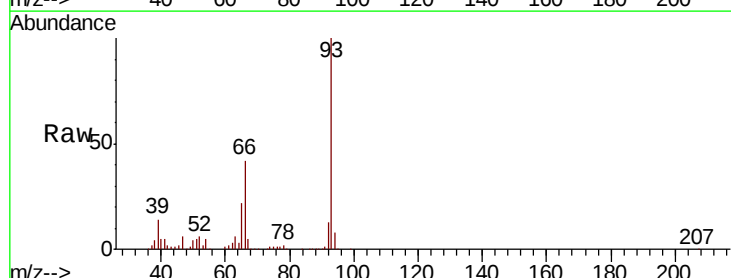
Tgt Ion: 93 Resp: 386838

Ion Ratio Lower Upper

93 100

66 42.2 34.2 51.2

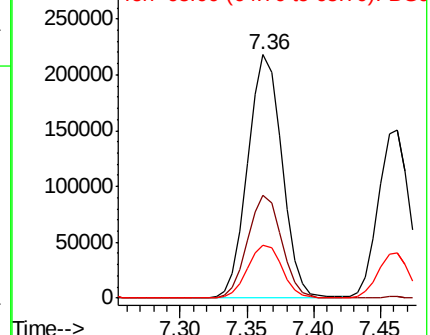
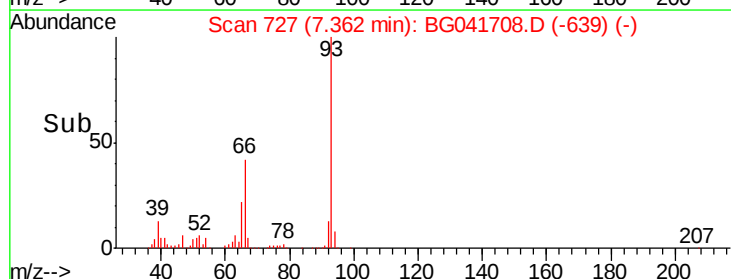
65 21.7 18.2 27.2

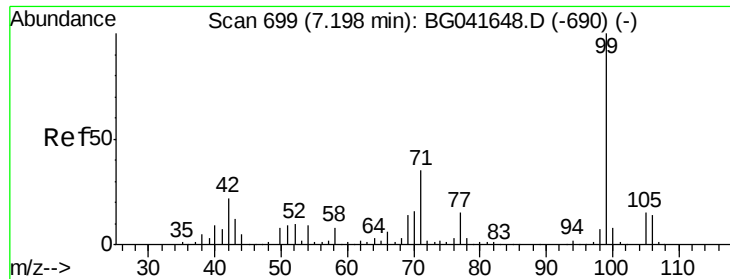


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.527 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

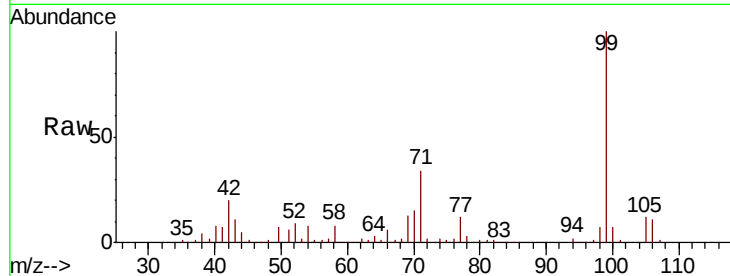
Tot Ion: 99 Resp: 595943

Ion Ratio Lower Upper

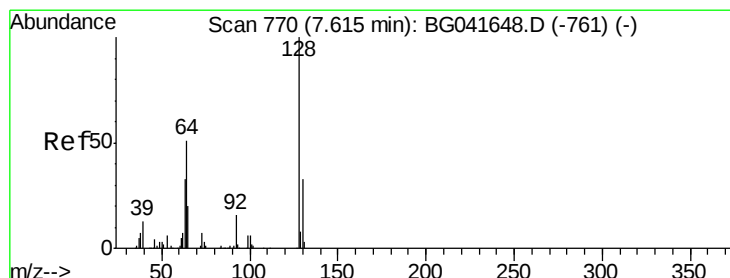
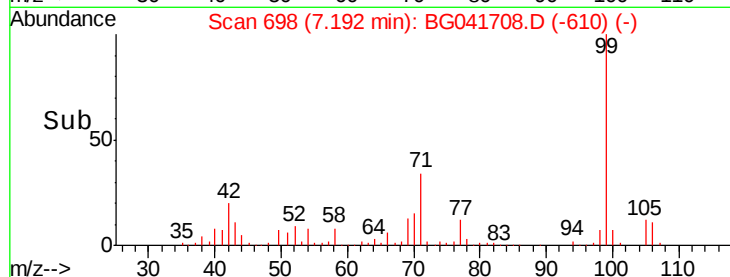
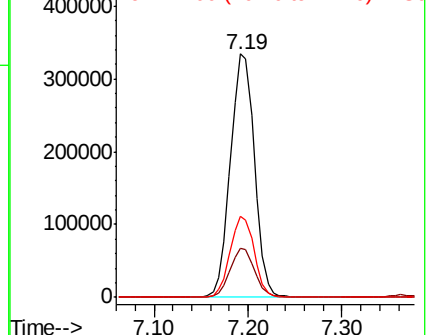
99 100

42 20.1 17.6 26.4

71 33.5 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: 40.652 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

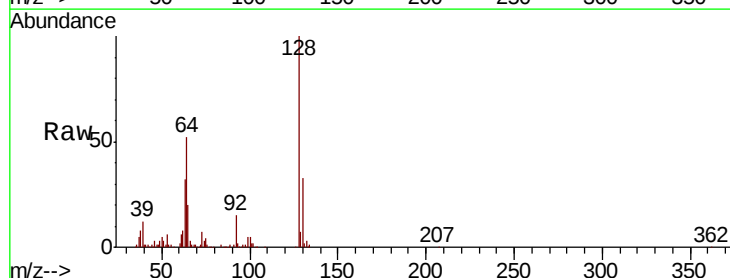
Tgt Ion: 128 Resp: 253213

Ion Ratio Lower Upper

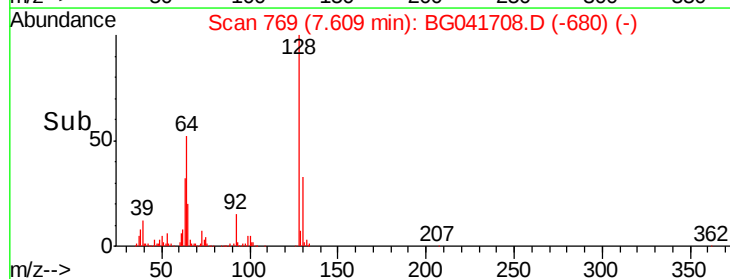
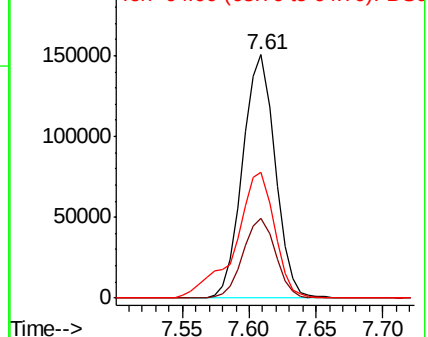
128 100

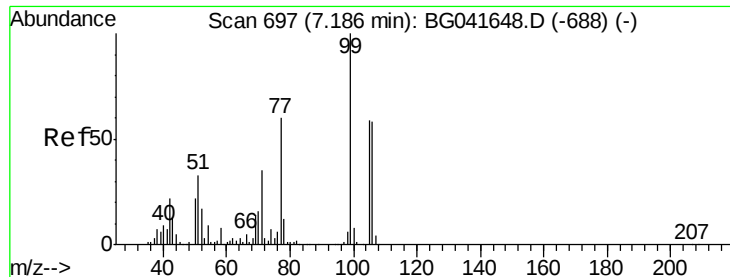
130 32.9 12.4 52.4

64 51.8 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: 41.238 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

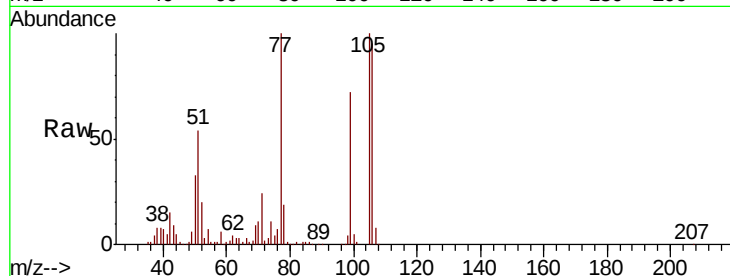
Tot Ion: 77 Resp: 186519

Ion Ratio Lower Upper

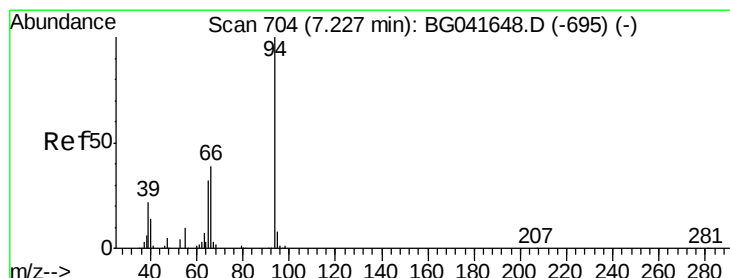
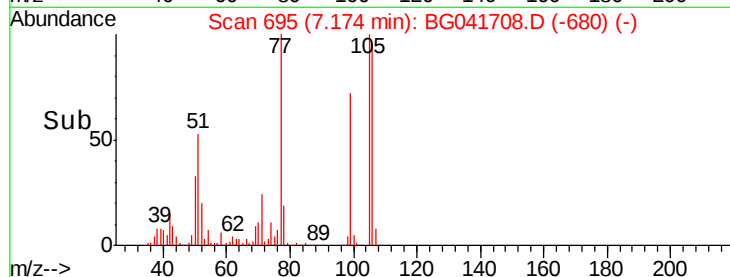
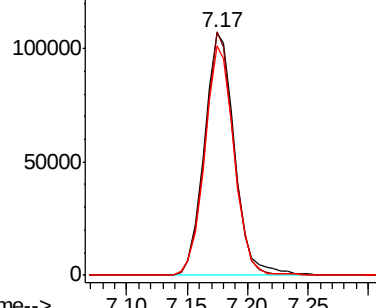
77 100

105 100.3 74.6 114.6

106 94.8 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: 40.005 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

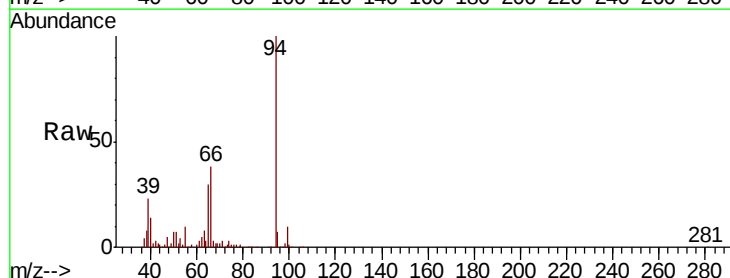
Tgt Ion: 94 Resp: 311917

Ion Ratio Lower Upper

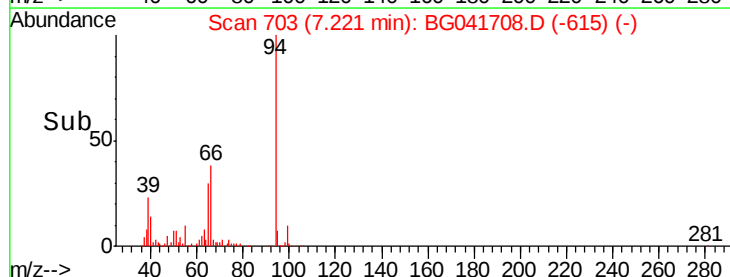
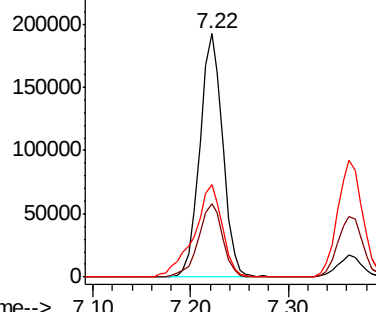
94 100

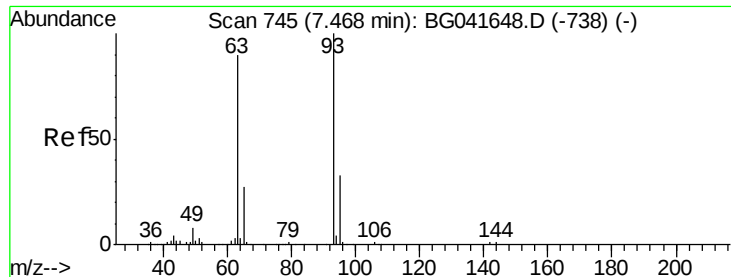
65 30.3 10.6 50.6

66 38.0 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: 39.029 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampled :

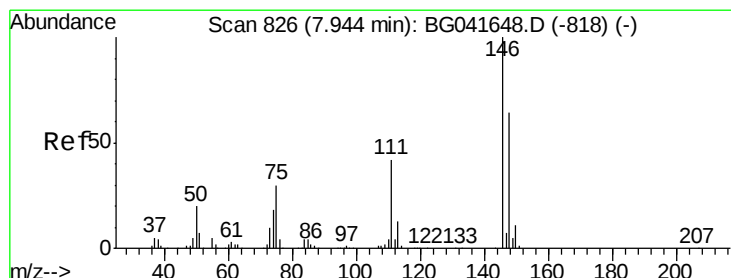
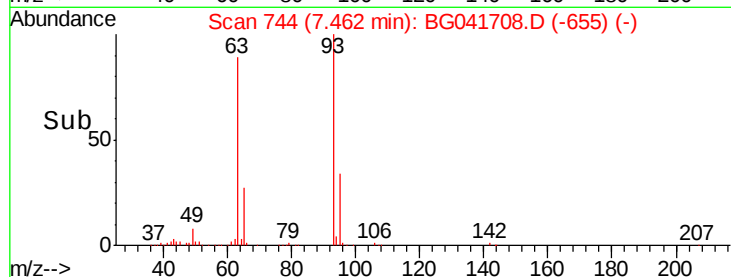
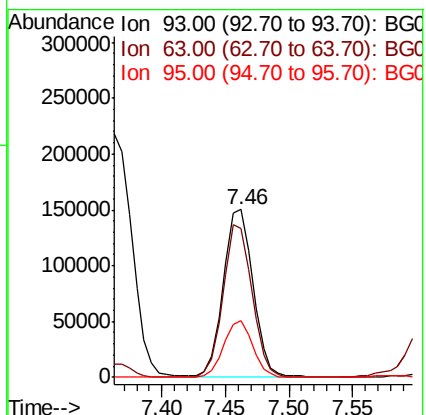
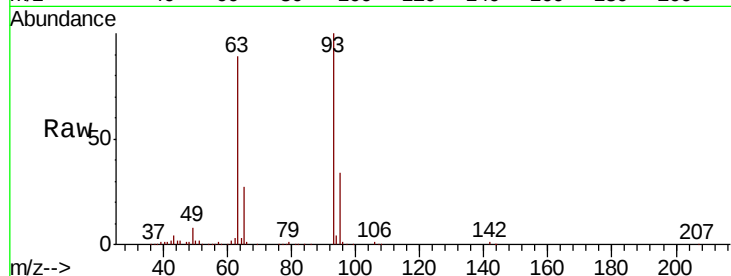
Tot Ion: 93 Resp: 245767

Ion Ratio Lower Upper

93 100

63 89.2 70.4 110.4

95 33.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.711 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

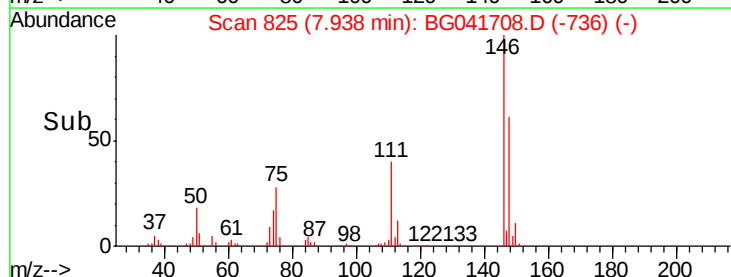
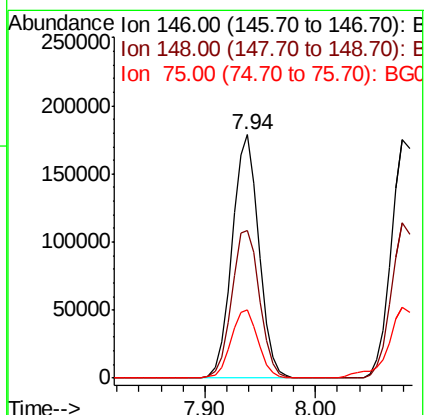
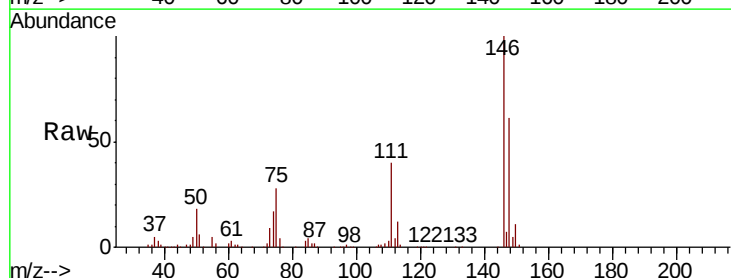
Tgt Ion: 146 Resp: 302578

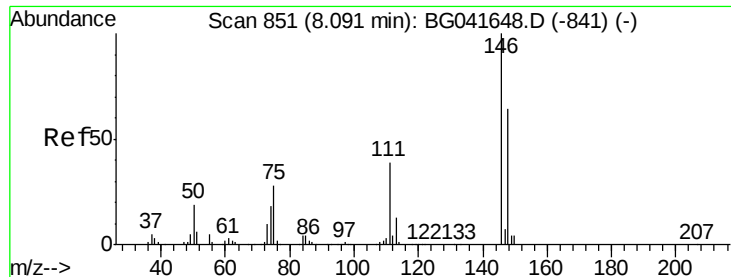
Ion Ratio Lower Upper

146 100

148 60.9 51.5 77.3

75 28.2 23.2 34.8

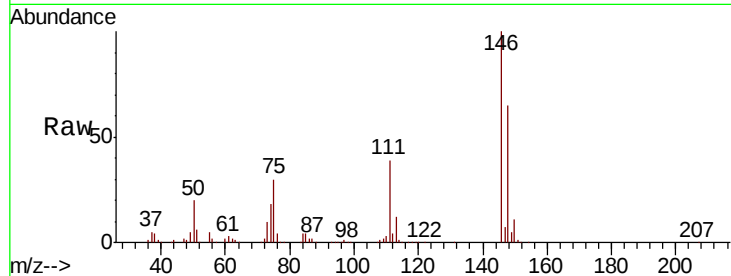




#13
 1,4-Dichlorobenzene
 Concen: 40.287 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	79.0
111	39.1	32.5	48.7

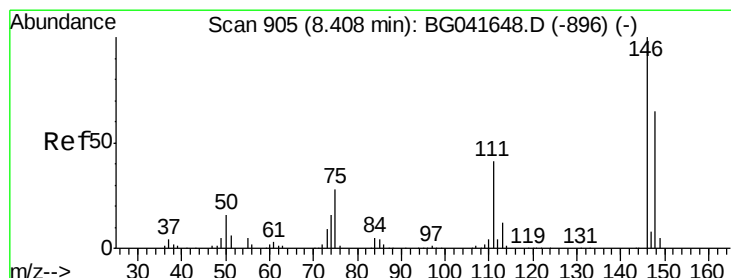
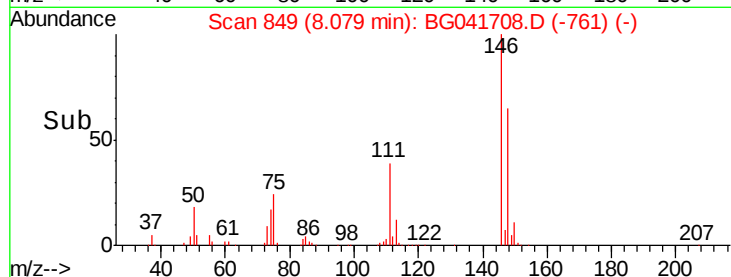
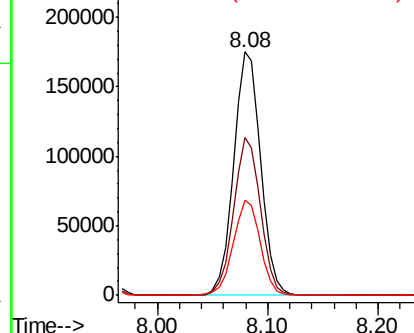


Abundance

Ion 146.00 (145.70 to 146.70): E

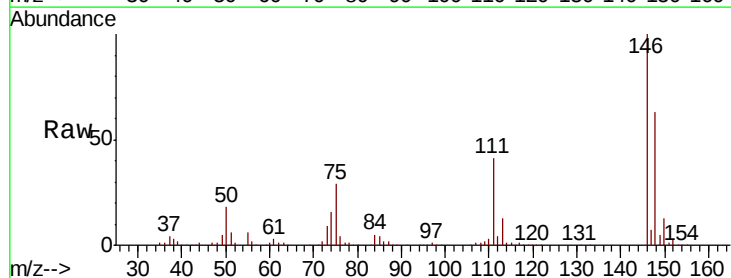
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.951 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.5	80.3
111	40.7	35.4	53.0

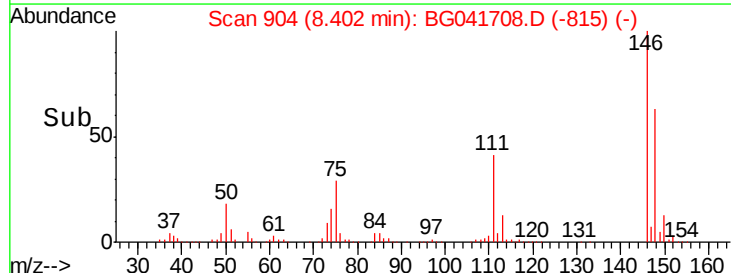
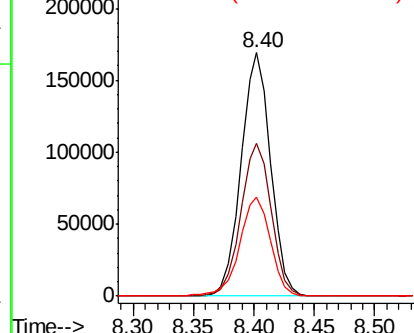


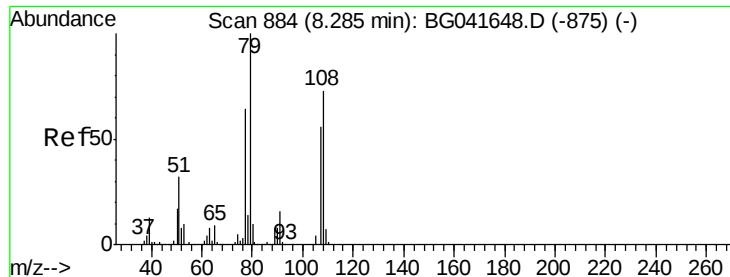
Abundance

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: 37.418 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

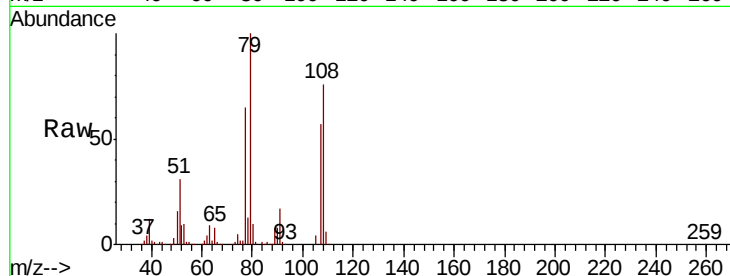
Tot Ion: 79 Resp: 220459

Ion Ratio Lower Upper

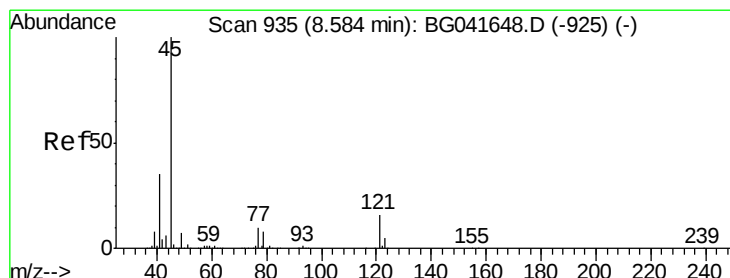
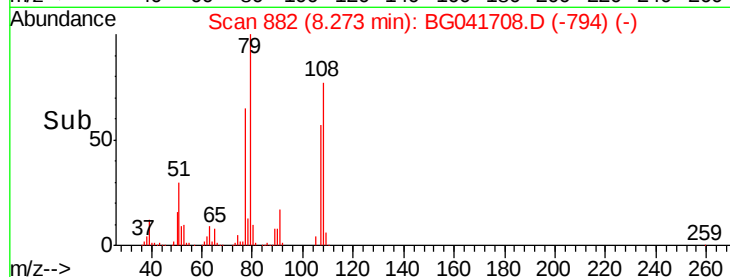
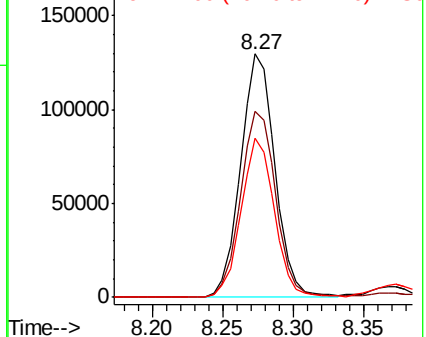
79 100

108 76.4 60.5 90.7

77 65.1 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.964 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

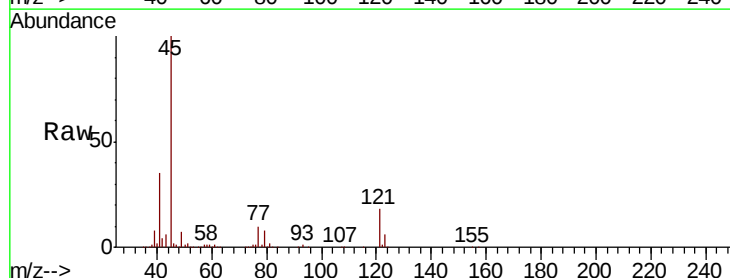
Tgt Ion: 45 Resp: 482320

Ion Ratio Lower Upper

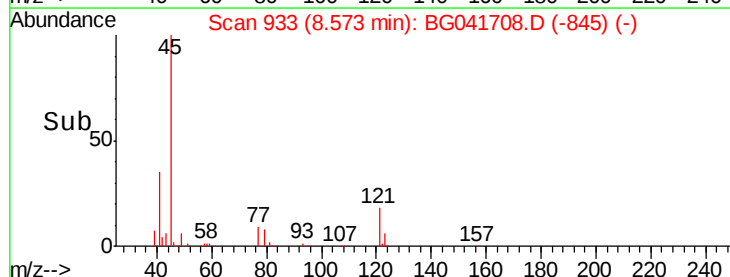
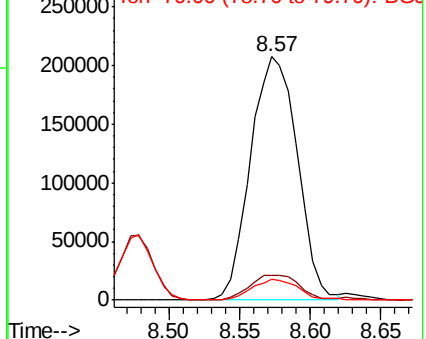
45 100

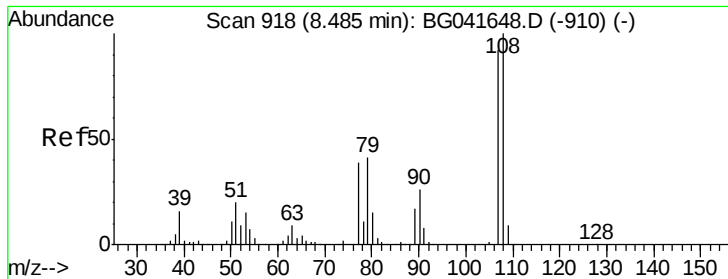
77 10.2 0.0 30.4

79 8.4 0.0 27.9



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





#17

2-Methylphenol

Concen: 38.990 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 210236

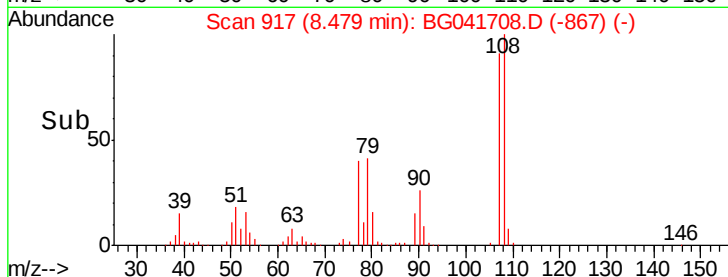
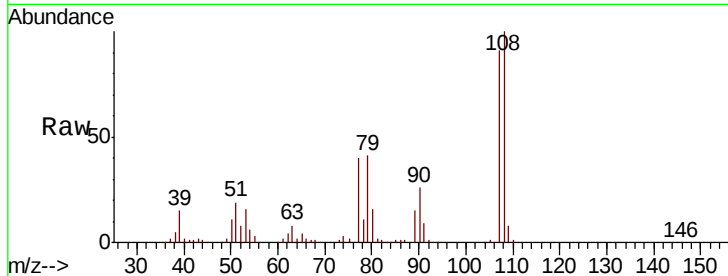
Ion Ratio Lower Upper

107 100

108 110.0 87.6 131.4

77 44.3 36.1 54.1

79 45.3 36.4 54.6

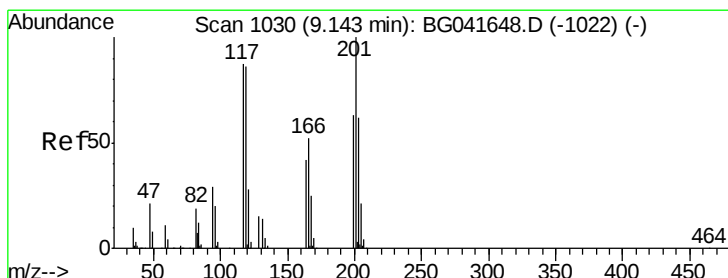
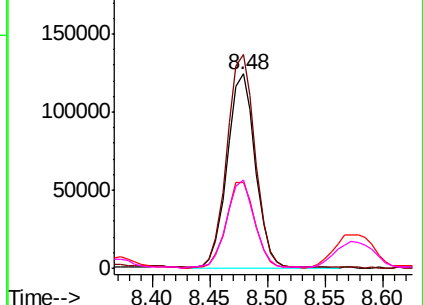


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 40.758 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

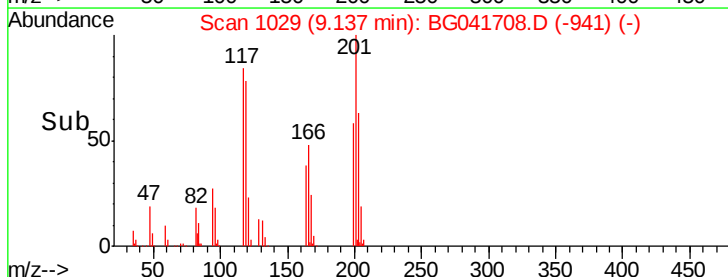
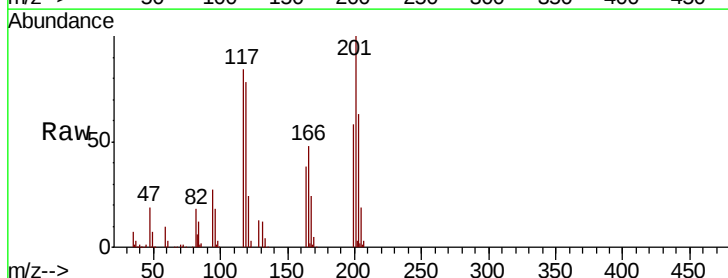
Tgt Ion:117 Resp: 111115

Ion Ratio Lower Upper

117 100

119 92.5 76.2 114.2

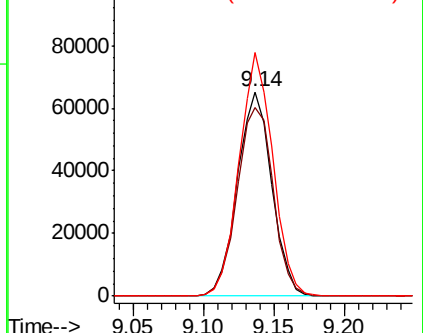
201 119.2 94.1 141.1

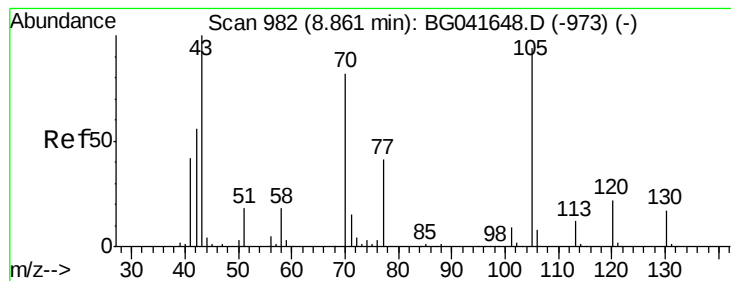


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.197 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 201201

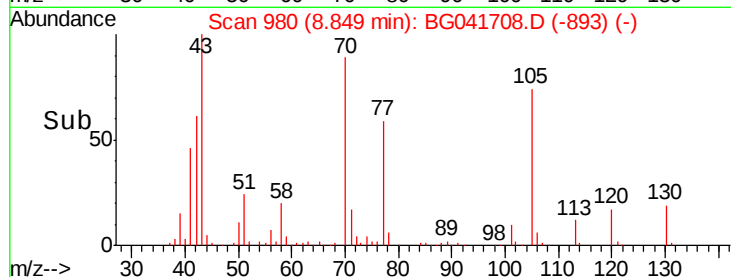
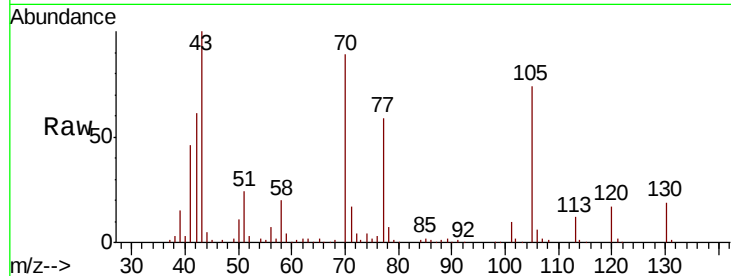
Ion Ratio Lower Upper

70 100

42 68.7 55.8 83.6

101 10.8 8.1 12.1

130 21.6 17.3 25.9

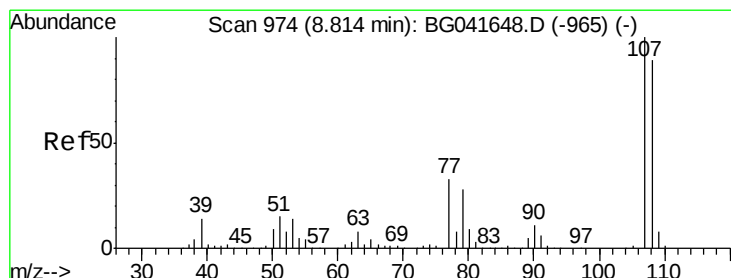
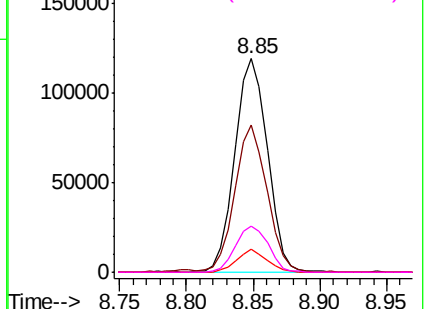


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.467 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Tgt Ion: 107 Resp: 291628

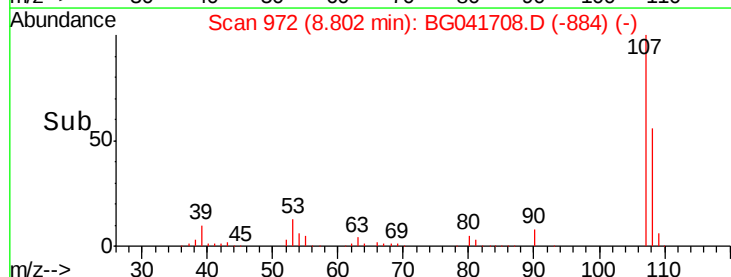
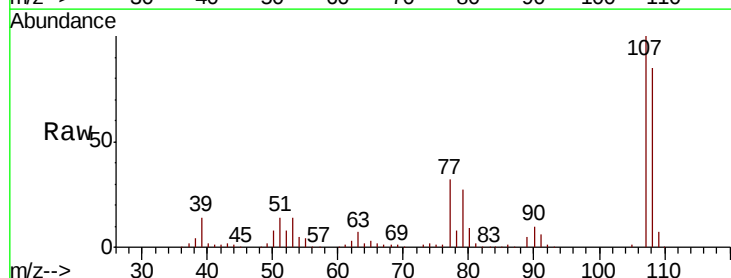
Ion Ratio Lower Upper

107 100

108 85.0 67.5 107.5

77 31.6 12.3 52.3

79 27.4 8.3 48.3

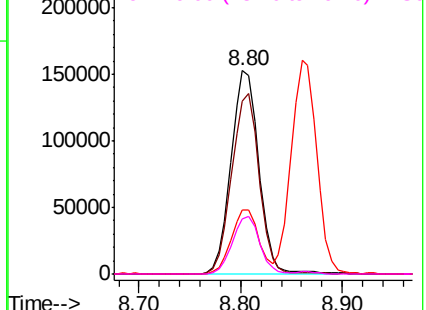


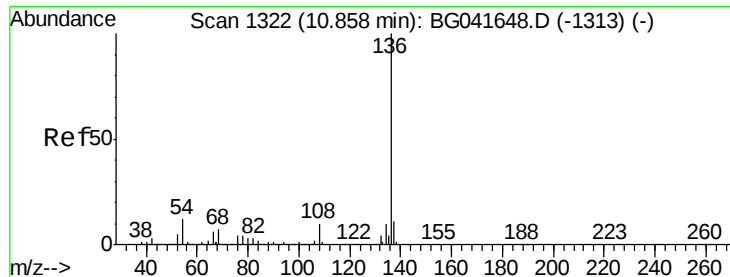
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

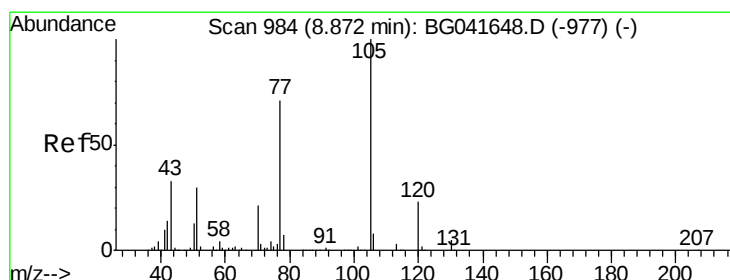
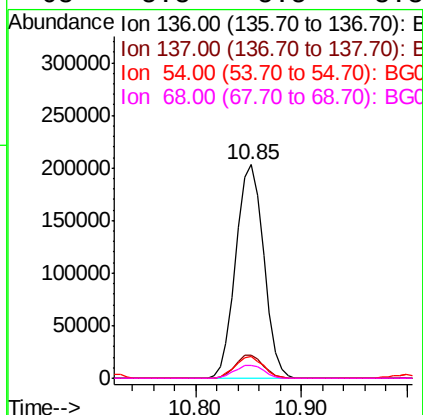
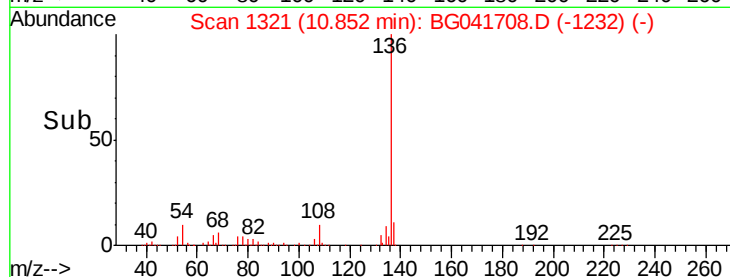
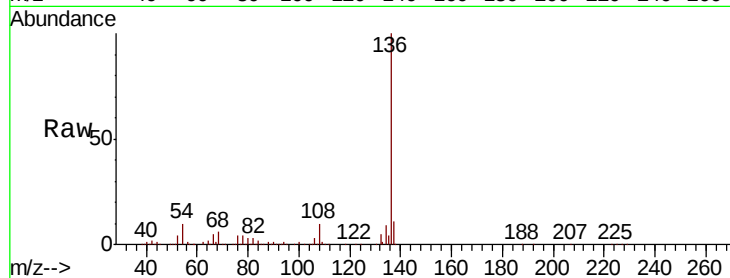




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

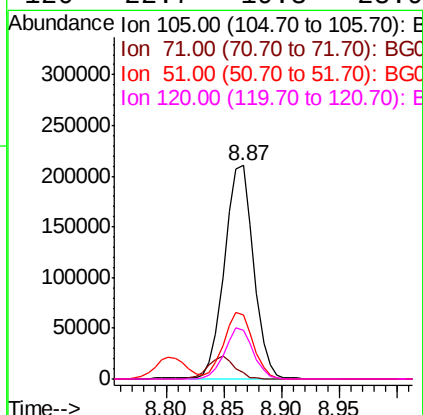
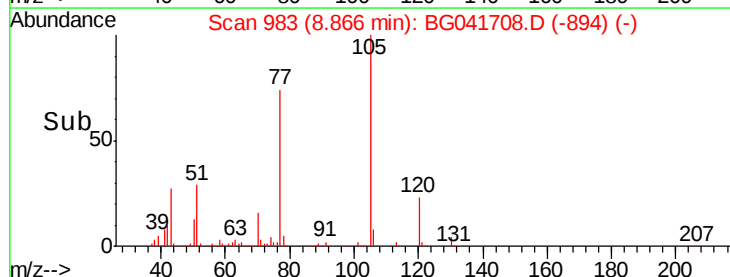
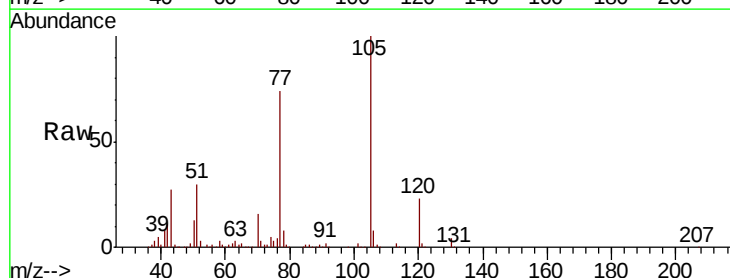
Instrument :
BNA_G
ClientSampleId :

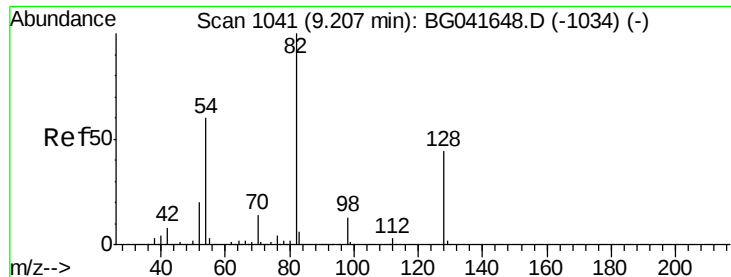
Tot Ion:136	Resp: 371352
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 10.0	8.7 13.1
68 5.8	5.5 8.3



#22
Acetophenone
Concen: 40.614 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt	Ion:105	Resp:	367336
Ion	Ratio	Lower	Upper
105	100		
71	2.9	5.9	8.9#
51	29.7	27.7	41.5
120	22.7	19.3	28.9

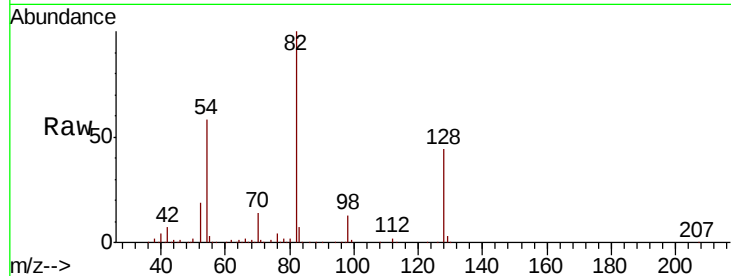




#23
 Nitrobenzene-d5
 Concen: 85.725 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	523458
Ion Ratio	100	Lower	Upper
128	44.4	35.1	52.7
54	58.0	48.7	73.1

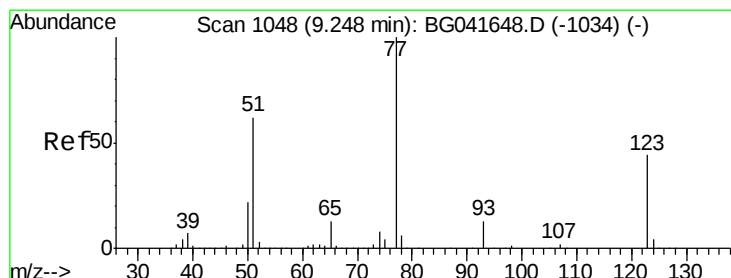
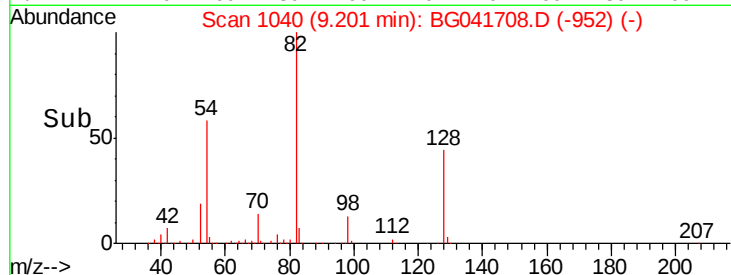
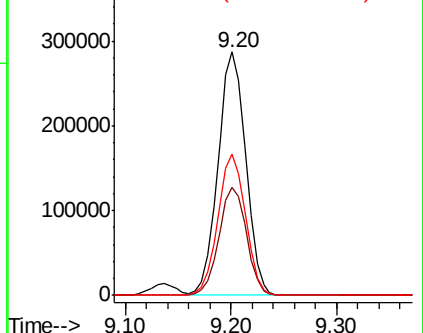


Abundance

Ion 82.00 (81.70 to 82.70): BGC

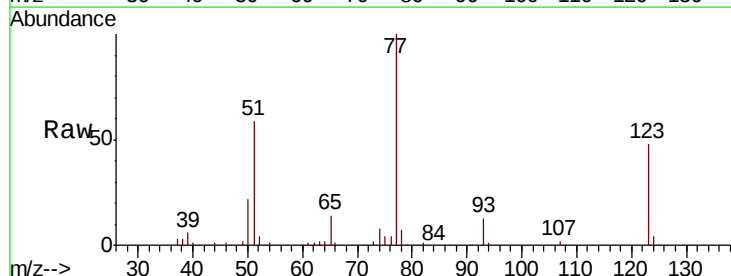
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 41.602 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Tgt Ion	77	Resp	277119
Ion Ratio	100	Lower	Upper
123	47.5	38.1	57.1
65	13.5	11.0	16.6

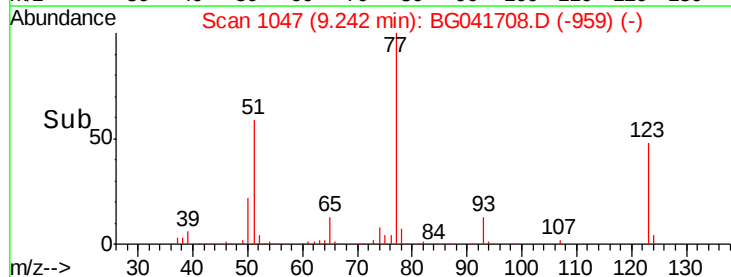
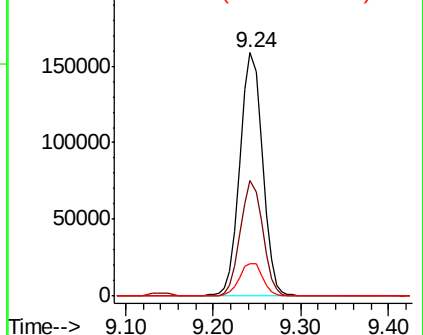


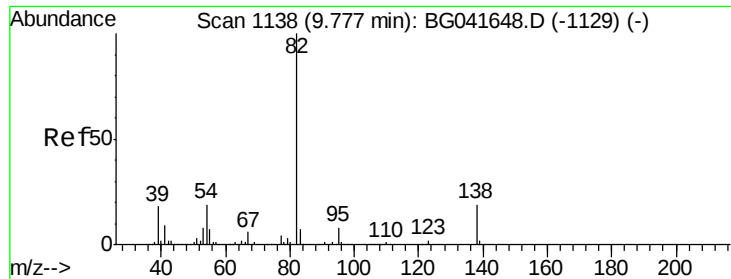
Abundance

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: 39.045 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

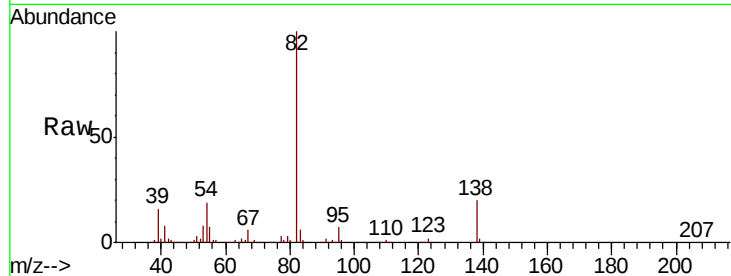
Tot Ion: 82 Resp: 522077

Ion Ratio Lower Upper

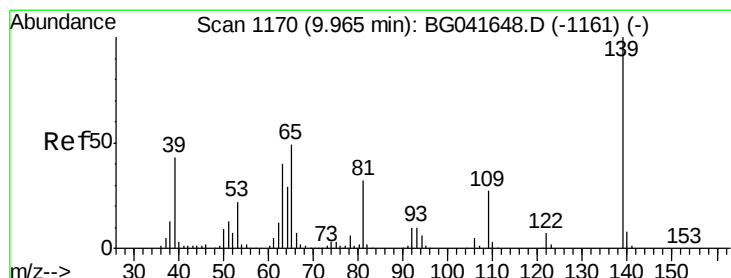
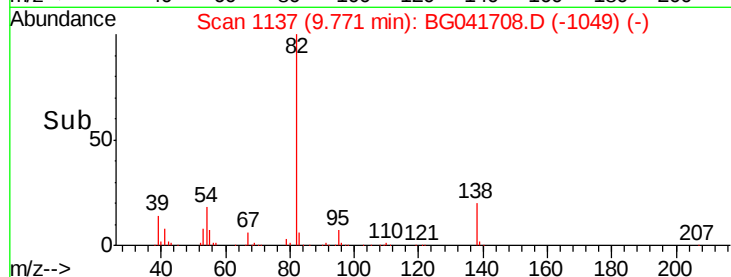
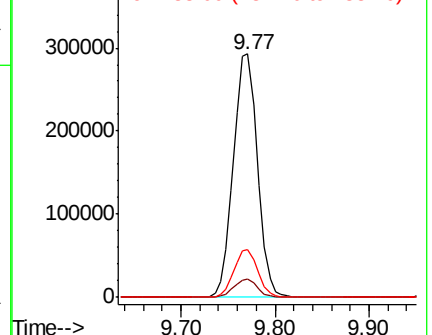
82 100

95 7.4 5.9 8.9

138 19.7 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: 44.027 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

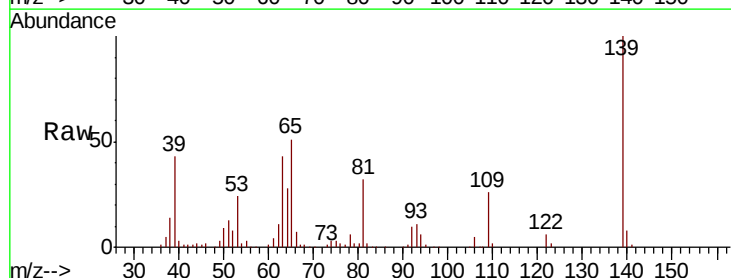
Tgt Ion: 139 Resp: 133236

Ion Ratio Lower Upper

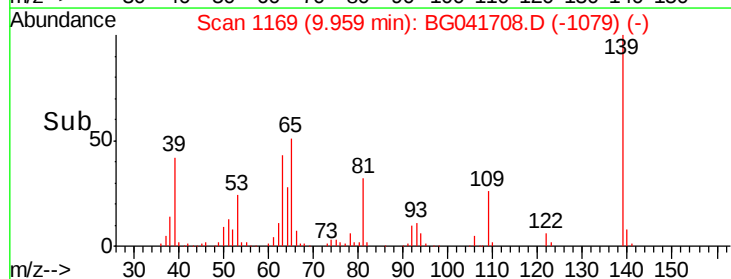
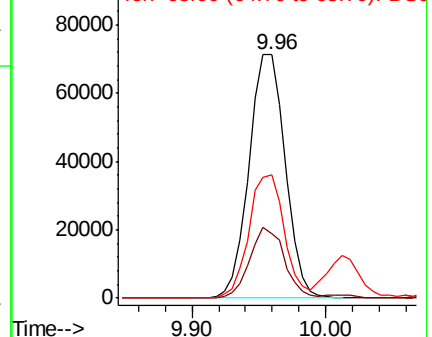
139 100

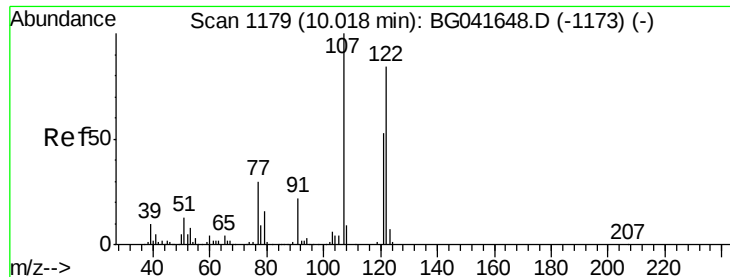
109 26.2 22.7 34.1

65 50.6 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

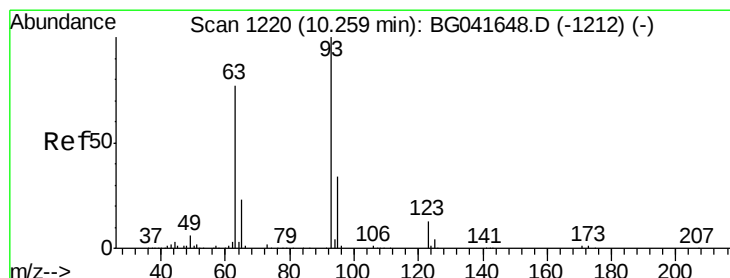
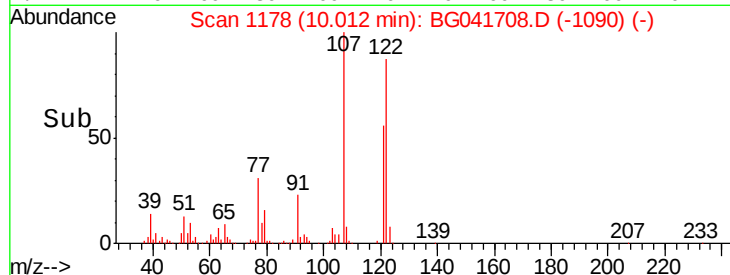
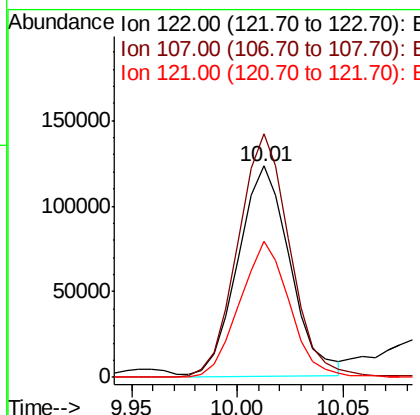
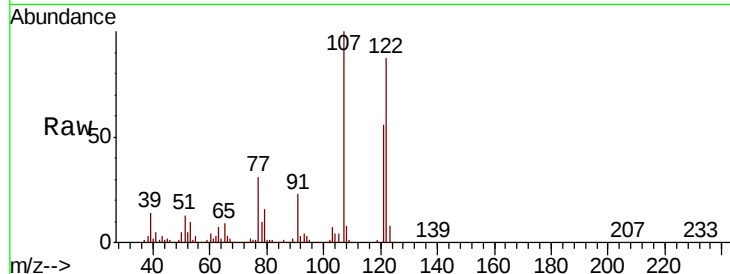




#27
 2,4-Dimethylphenol
 Concen: 39.905 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

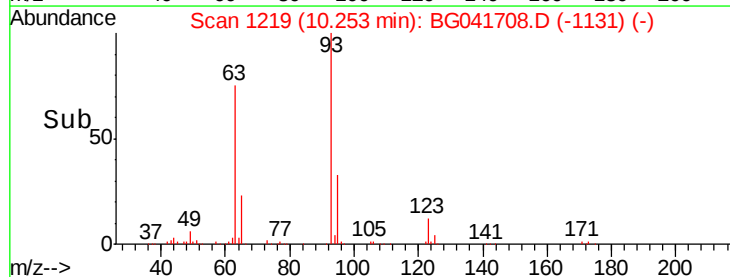
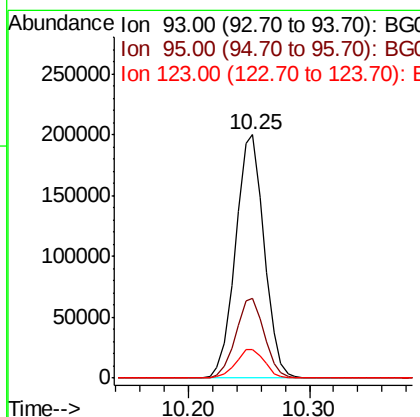
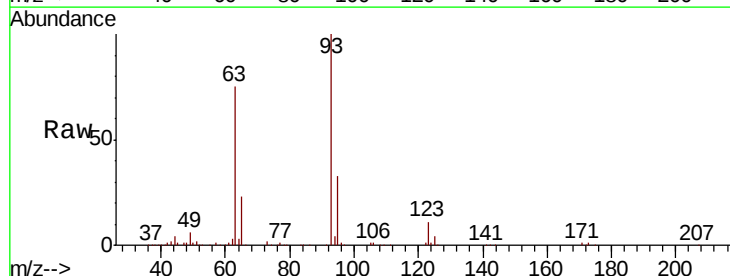
Instrument :
 BNA_G
 ClientSampleId :

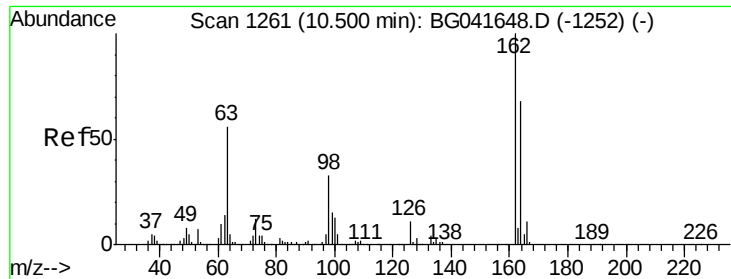
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	91.3	136.9
121	64.2	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.187 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	11.5	9.9	14.9

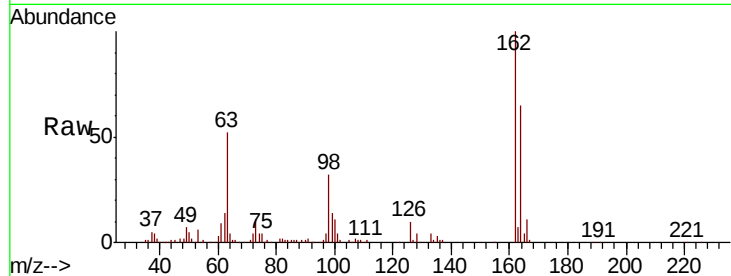




#29
2,4-Dichlorophenol
Concen: 42.077 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	46.1	86.1
98	32.4	14.7	54.7

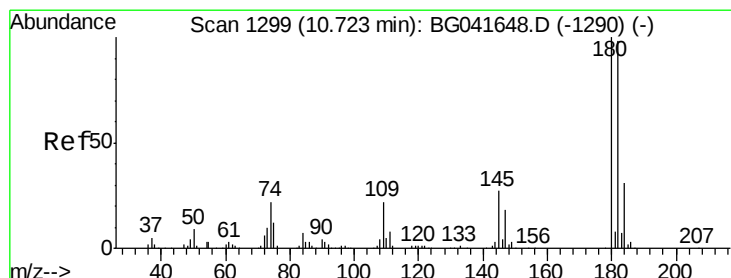
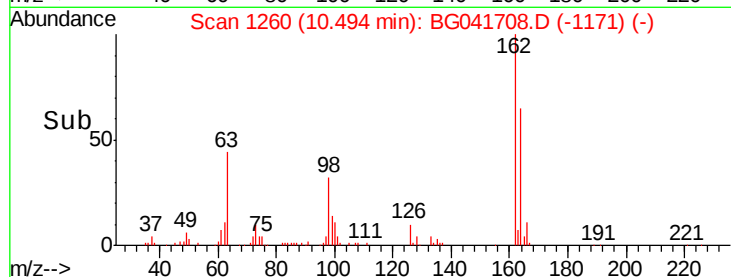
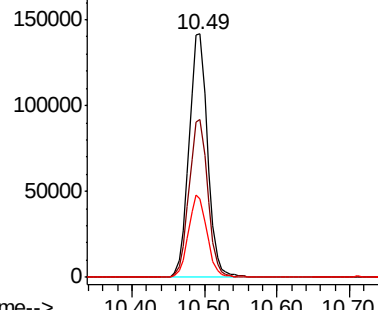


Abundance

Ion 162.00 (161.70 to 162.70): E

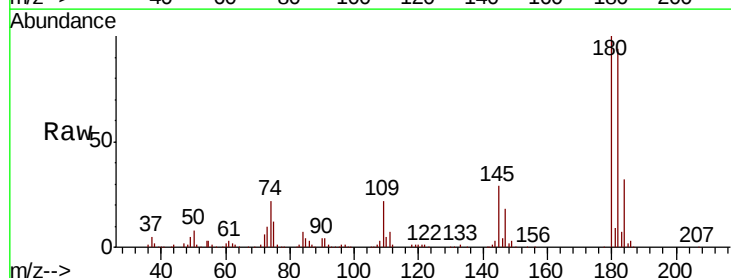
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 41.394 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.2
145	28.6	23.8	35.8

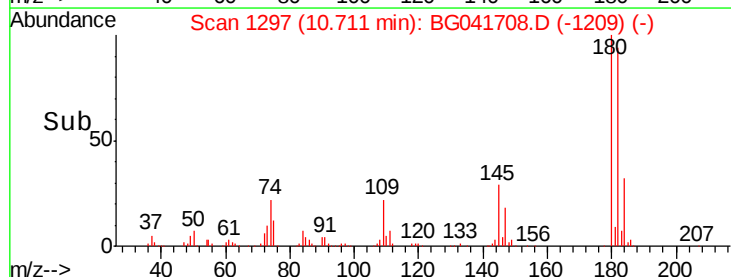
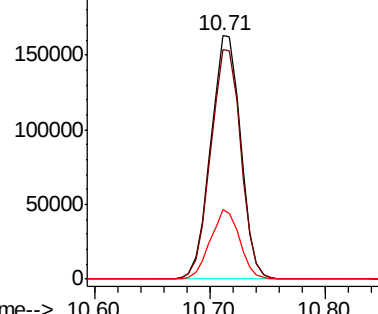


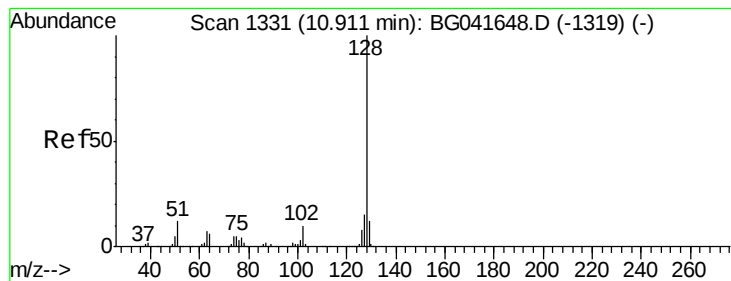
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.264 ng

RT: 10.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

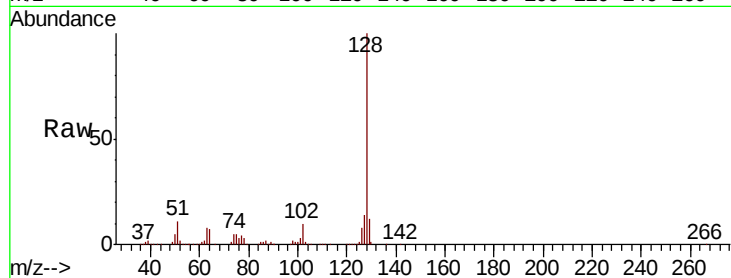
Tot Ion:128 Resp: 754395

Ion Ratio Lower Upper

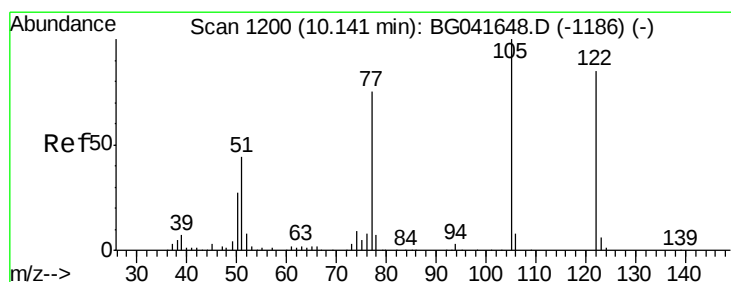
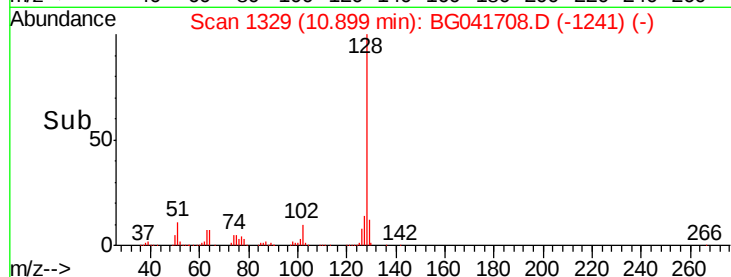
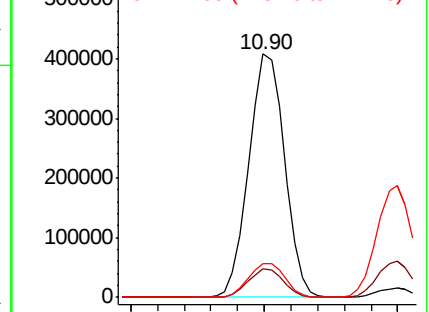
128 100

129 11.6 10.0 15.0

127 13.9 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: 26.337 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.07 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

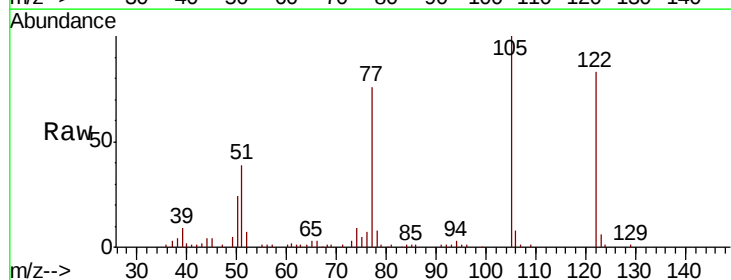
Tgt Ion:122 Resp: 93317

Ion Ratio Lower Upper

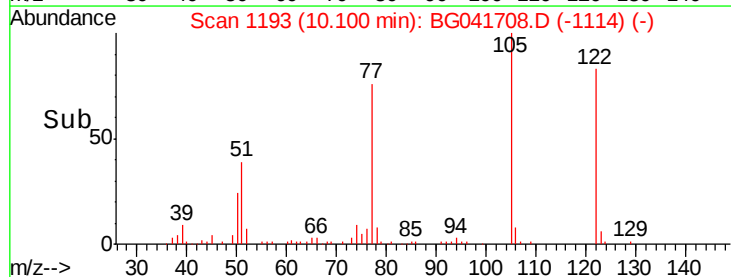
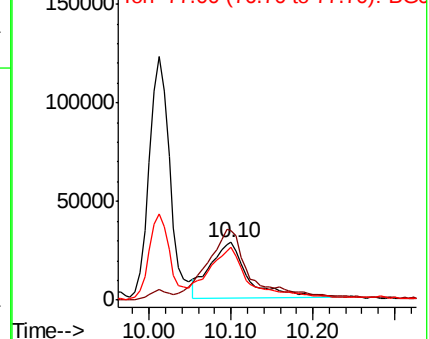
122 100

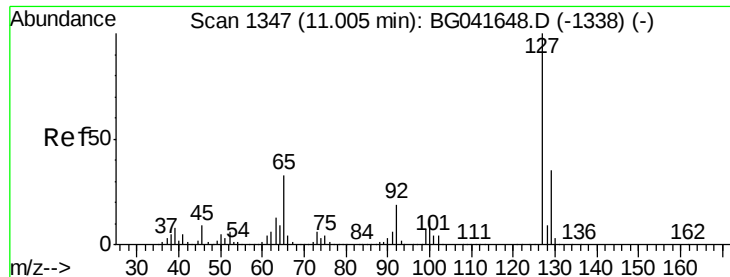
105 119.9 101.5 141.5

77 91.0 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): E

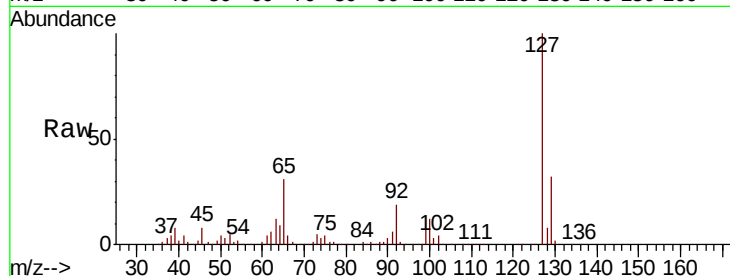




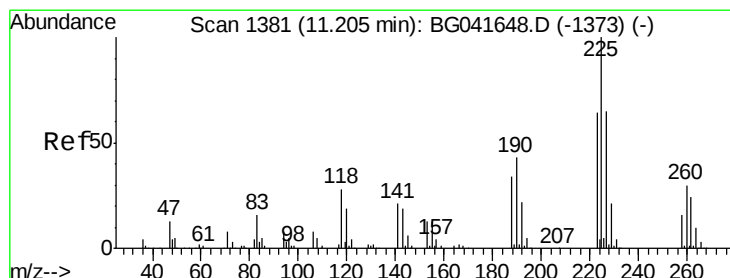
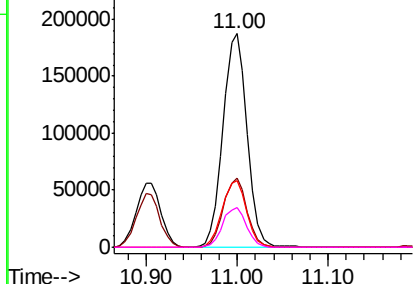
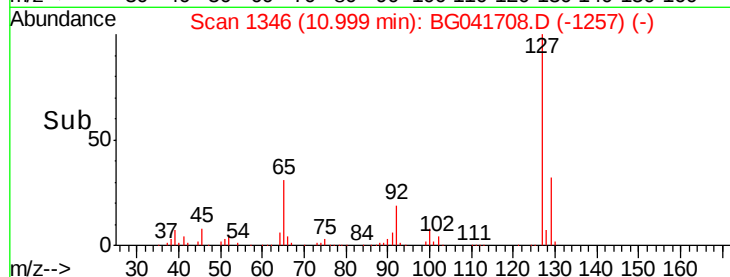
#33
4-Chloroaniline
Concen: 40.972 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	345521
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	31.2	26.7	40.1
92	18.6	15.4	23.0

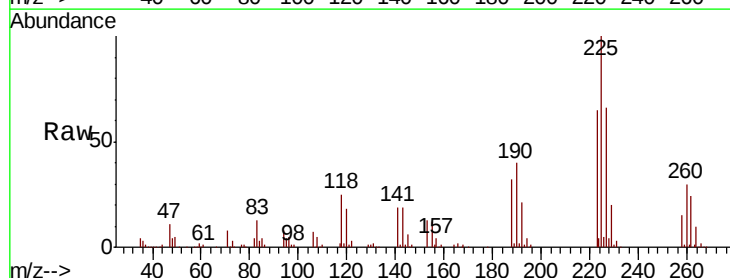


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

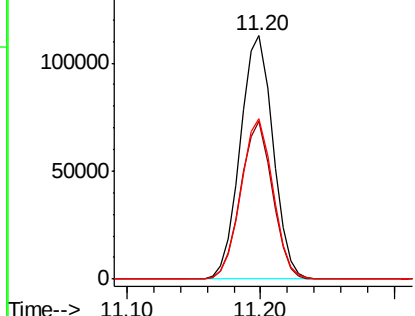
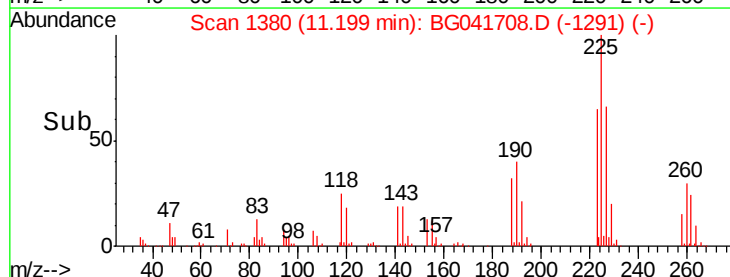


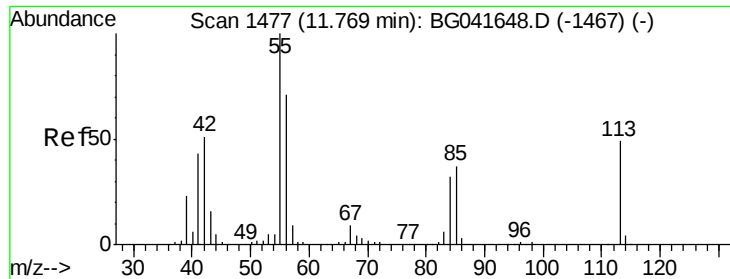
#34
Hexachlorobutadiene
Concen: 41.953 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion:	225	Resp:	190967
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.1	76.7
227	65.7	50.9	76.3



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





#35

Caprolactam

Concen: 44.069 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

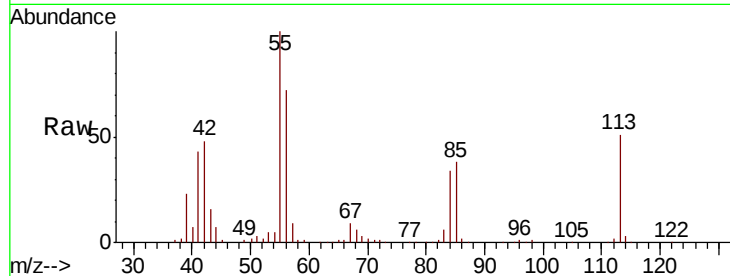
Tot Ion:113 Resp: 97703

Ion Ratio Lower Upper

113 100

55 196.8 199.4 239.4#

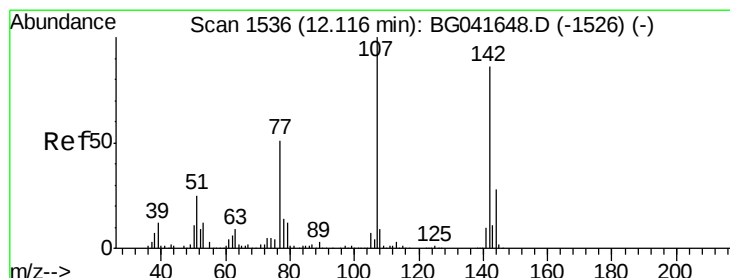
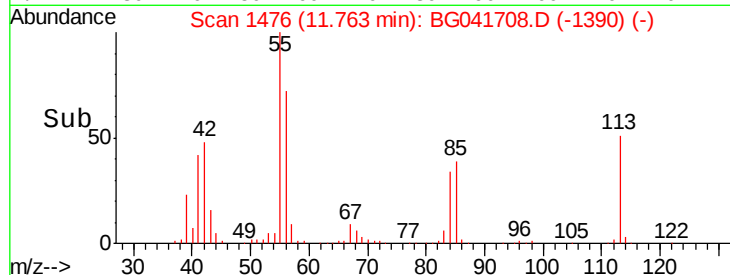
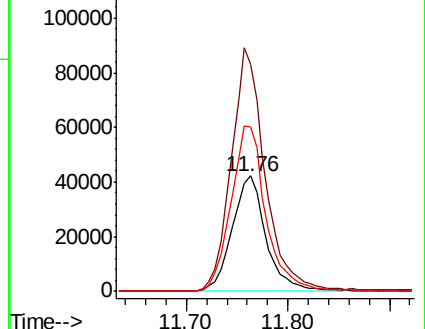
56 141.7 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.325 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

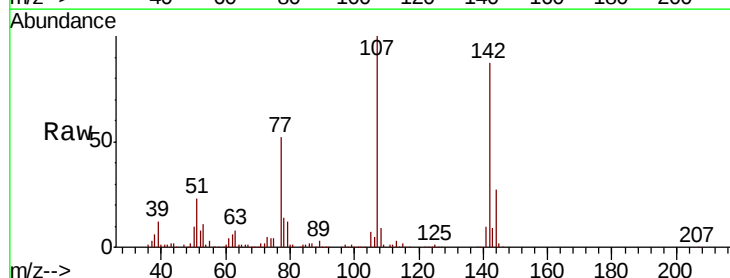
Tgt Ion:107 Resp: 261132

Ion Ratio Lower Upper

107 100

144 27.5 22.2 33.2

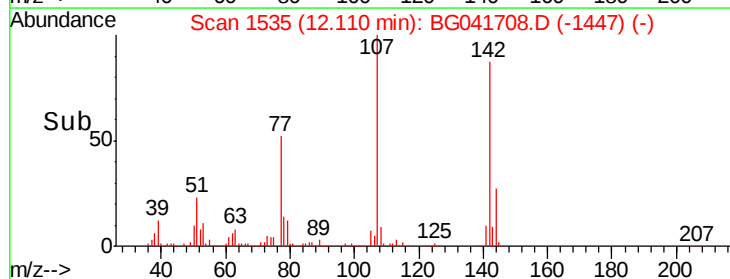
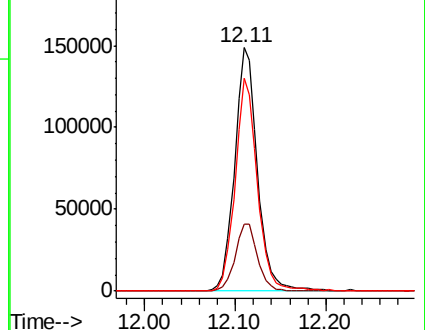
142 87.3 67.3 100.9

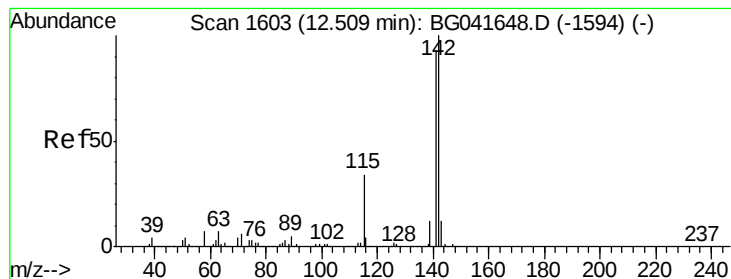


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

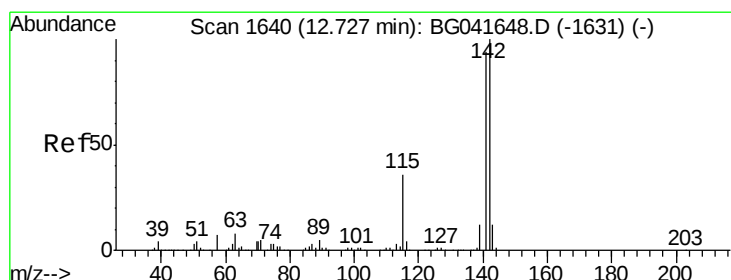
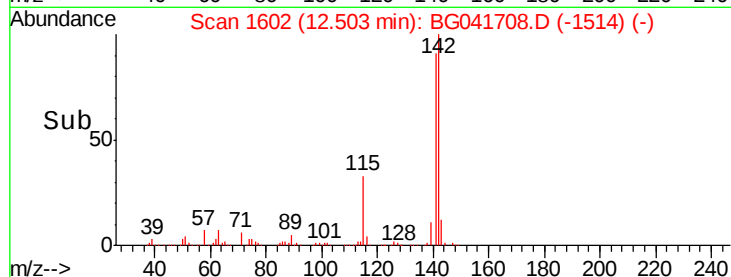
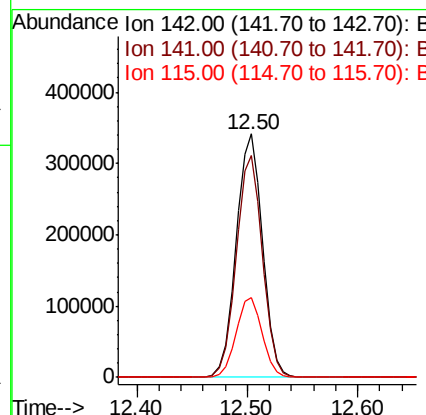
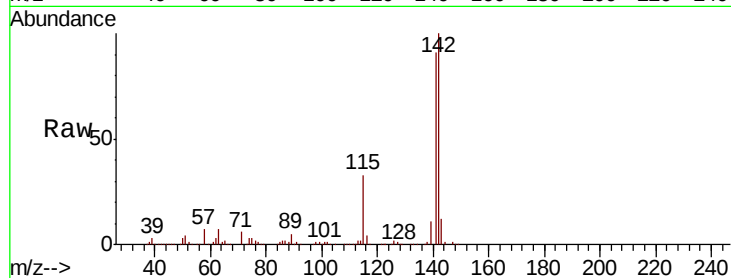




#37
 2-Methylnaphthalene
 Concen: 40.776 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

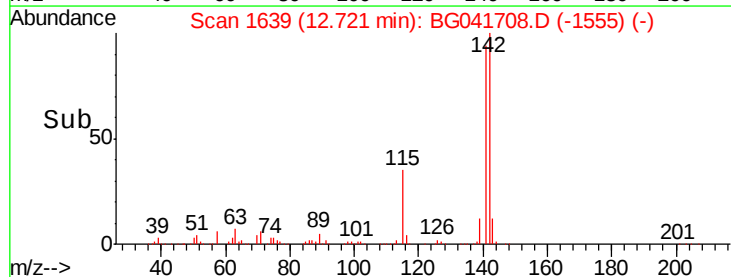
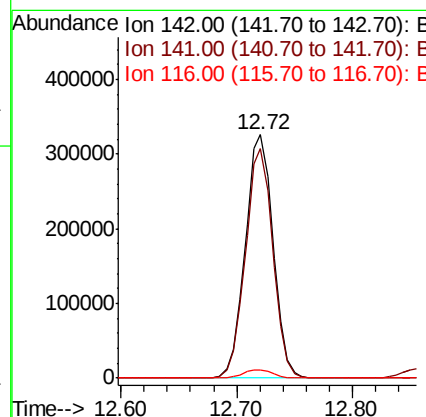
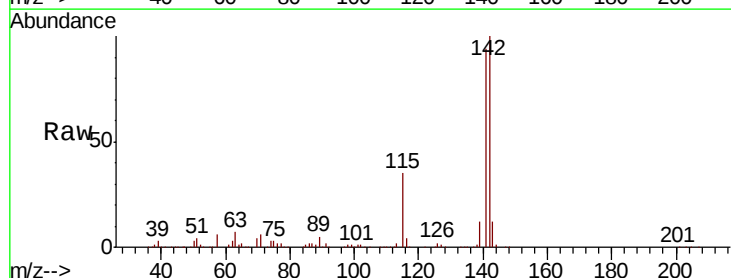
Instrument :
 BNA_G
 ClientSampleId :

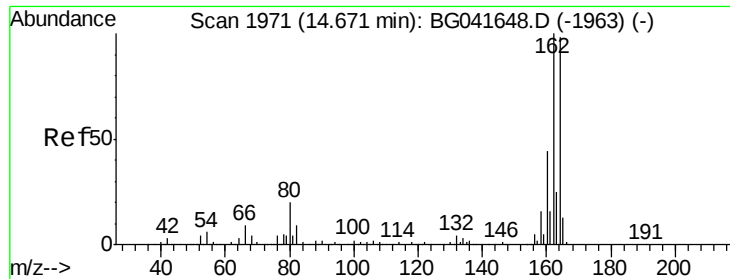
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.7	109.1
115	33.0	27.0	40.4



#38
 1-Methylnaphthalene
 Concen: 40.757 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.4	113.2
116	3.5	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: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

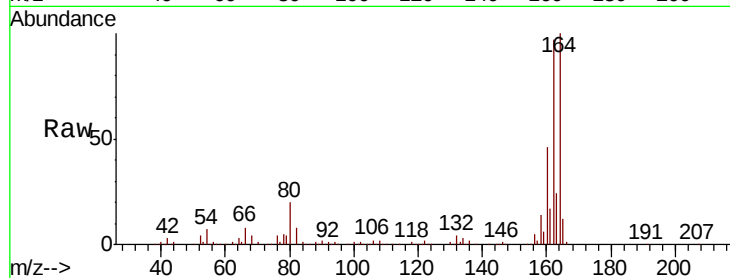
Tot Ion:164 Resp: 224738

Ion Ratio Lower Upper

164 100

162 97.3 79.6 119.4

160 45.8 35.4 53.0

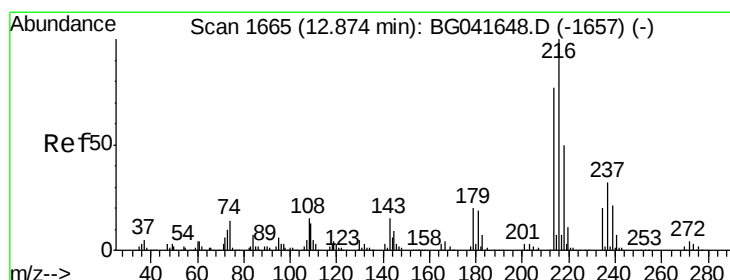
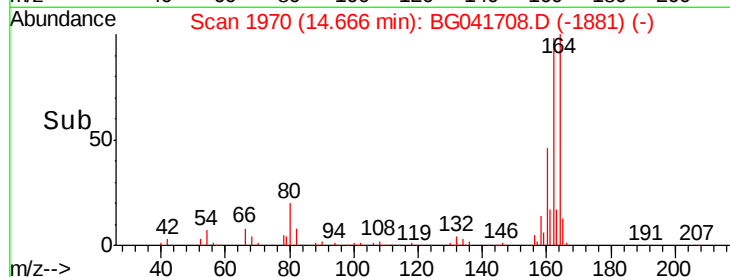
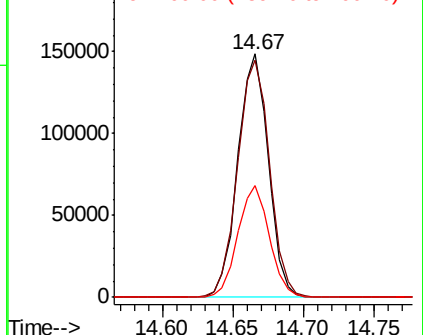


Abundance

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: 41.265 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Tgt Ion:216 Resp: 317665

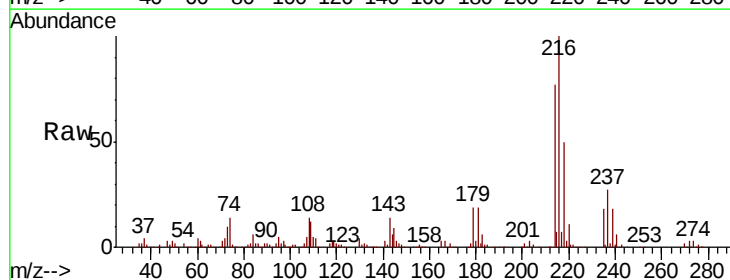
Ion Ratio Lower Upper

216 100

214 76.6 61.5 92.3

179 20.3 16.2 24.2

108 15.4 13.2 19.8



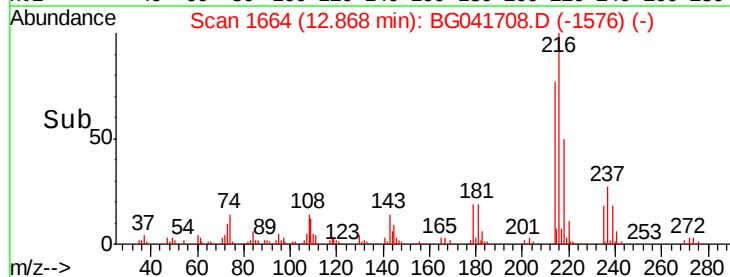
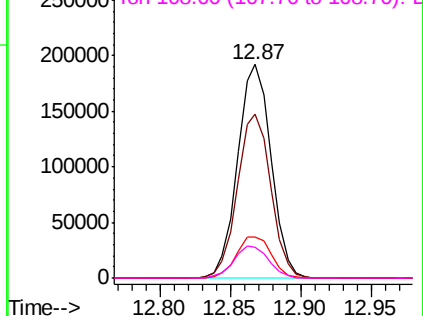
Abundance

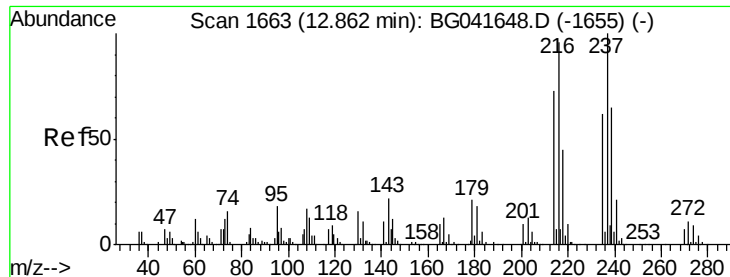
Ion 216.00 (215.70 to 216.70): E

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: 41.083 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

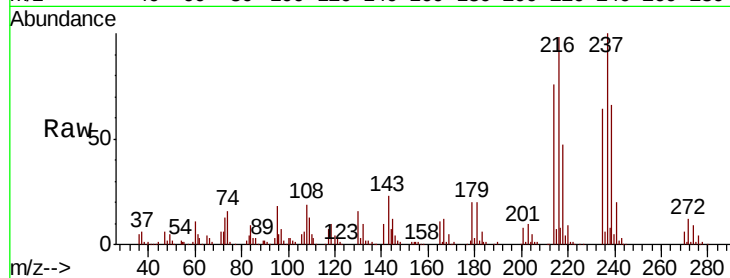
Tot Ion:237 Resp: 178903

Ion Ratio Lower Upper

237 100

235 63.6 43.5 83.5

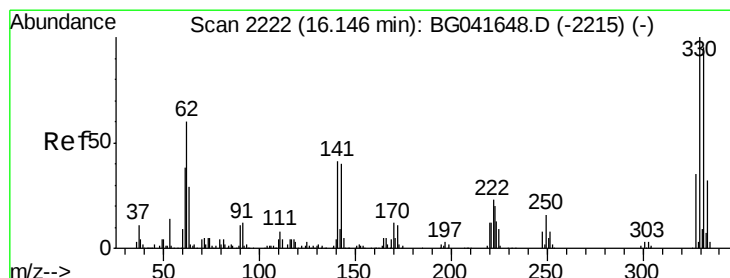
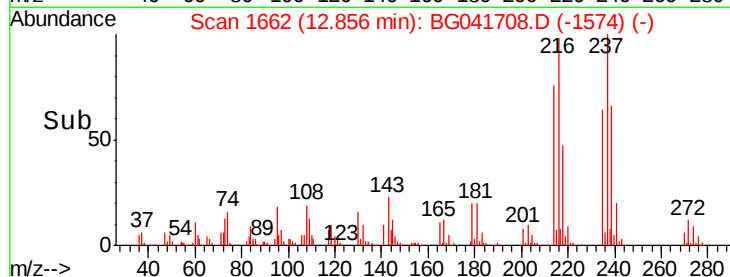
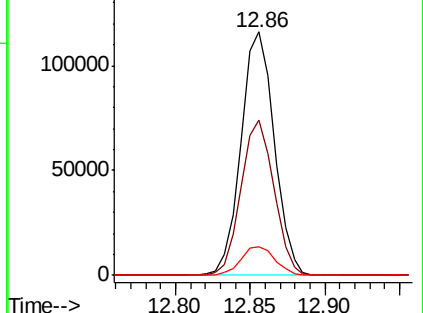
272 11.7 0.0 31.2



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: 93.229 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

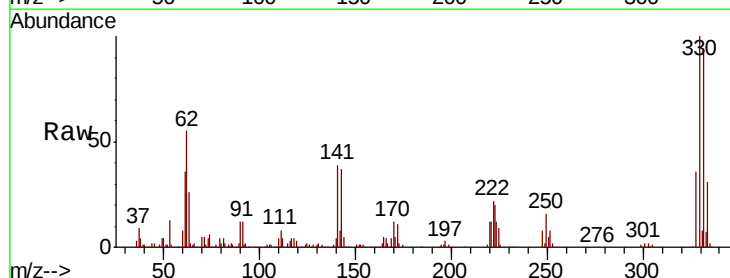
Tgt Ion:330 Resp: 236126

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.0

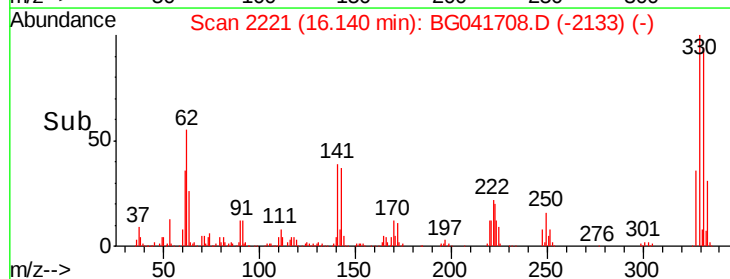
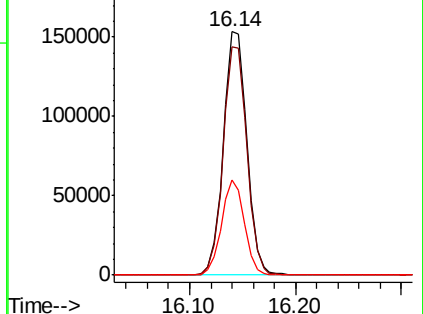
141 38.0 31.9 47.9

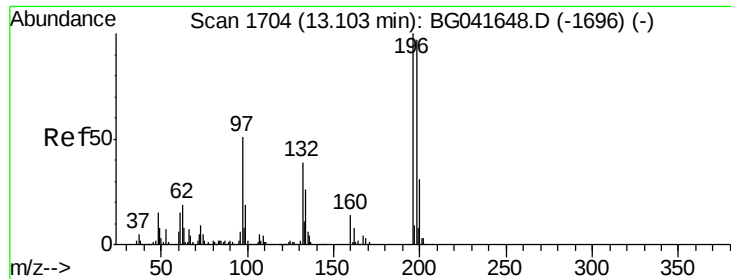


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

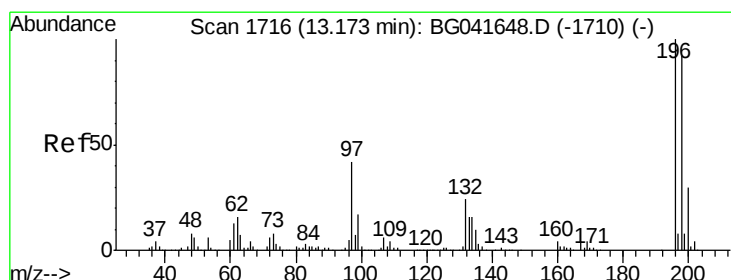
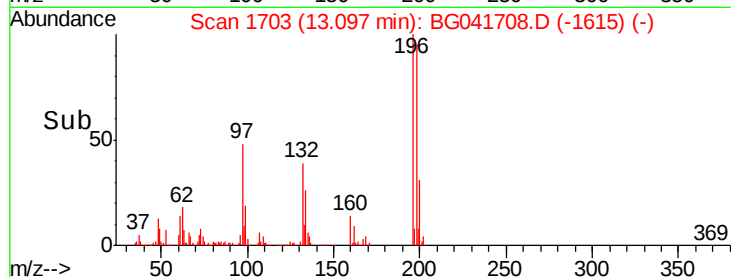
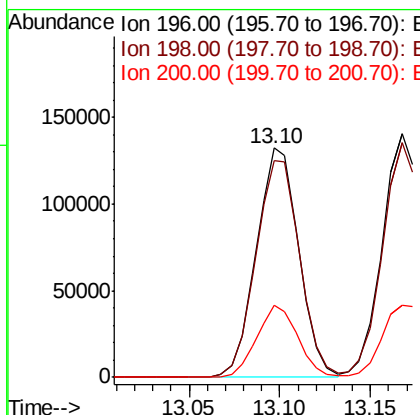
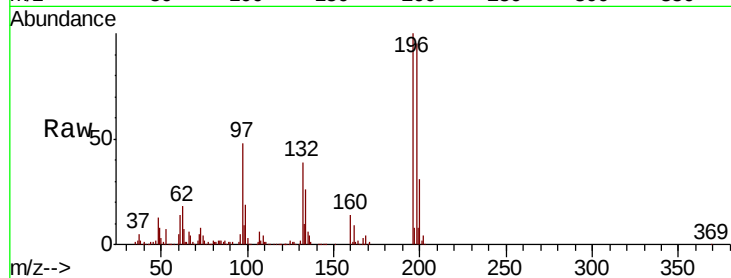




#43
 2,4,6-Trichlorophenol
 Concen: 43.020 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

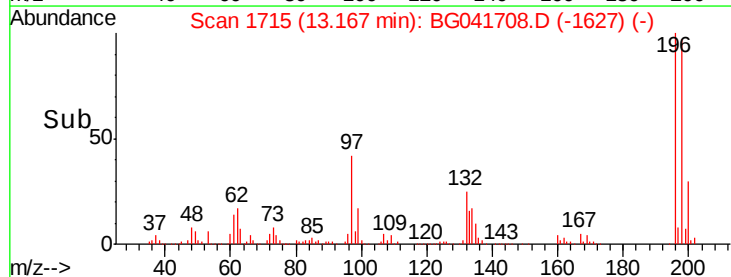
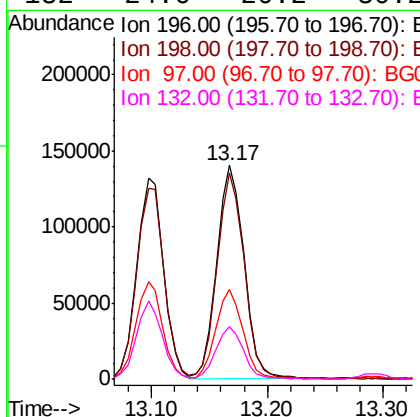
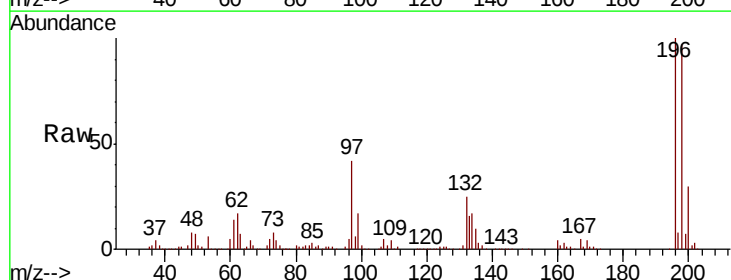
Instrument :
 BNA_G
 ClientSampleId :

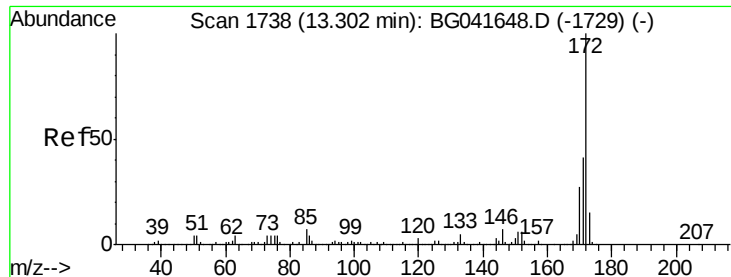
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	79.6	119.4
200	31.3	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 43.419 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	80.6	121.0
97	42.1	33.9	50.9
132	24.6	20.2	30.2

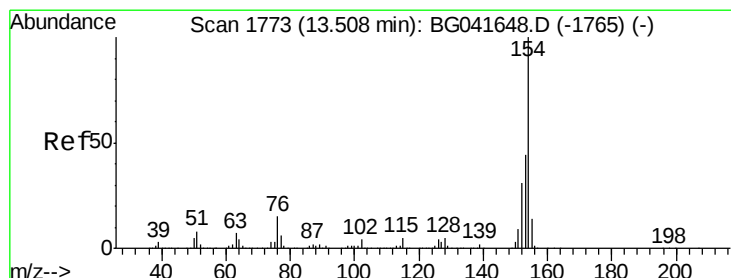
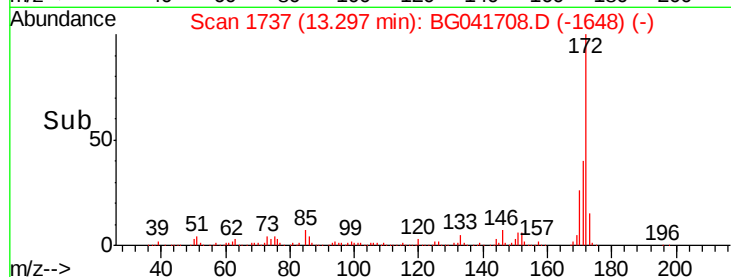
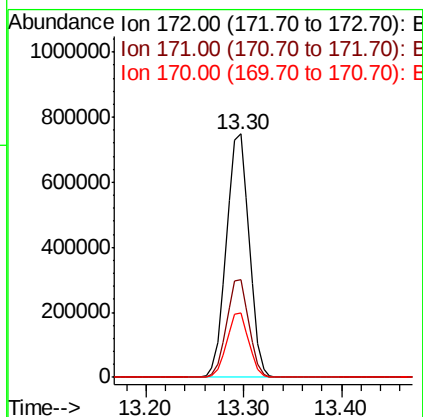
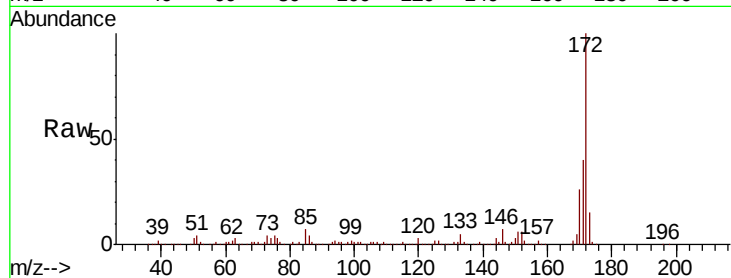




#45
2-Fluorobiphenyl
Concen: 83.431 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

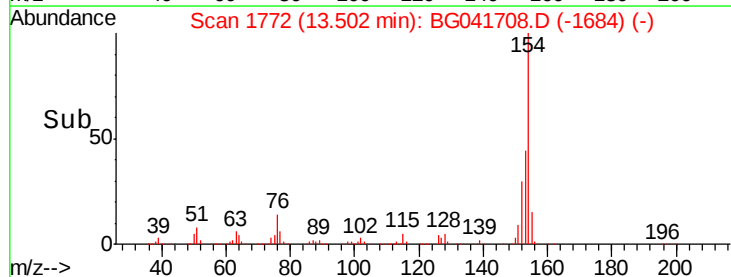
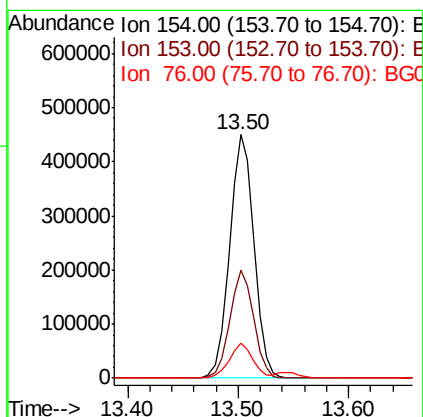
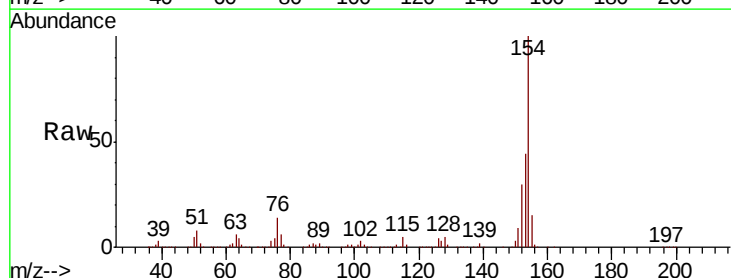
Instrument :
BNA_G
ClientSampled :

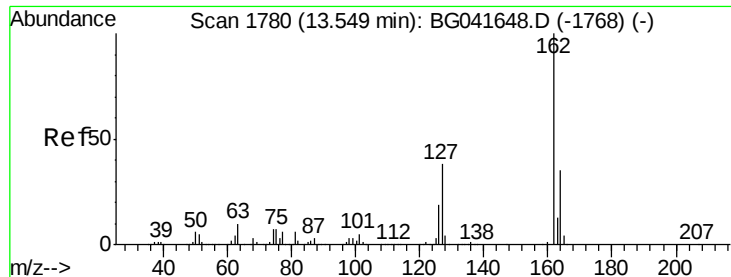
Tot Ion:172 Resp: 1210859
Ion Ratio Lower Upper
172 100
171 40.3 35.0 52.4
170 26.2 23.5 35.3



#46
1,1'-Biphenyl
Concen: 41.063 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion:154 Resp: 691371
Ion Ratio Lower Upper
154 100
153 44.5 25.0 65.0
76 14.2 0.0 34.5

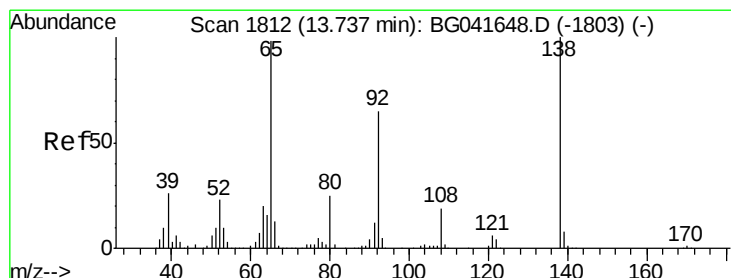
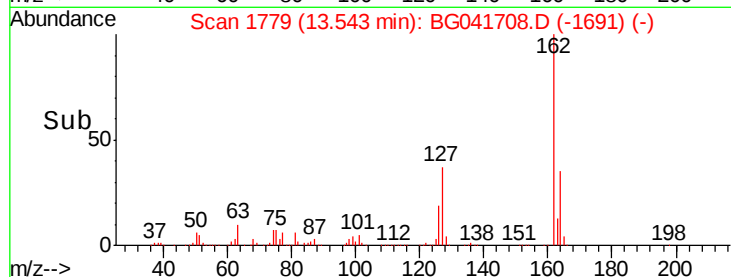
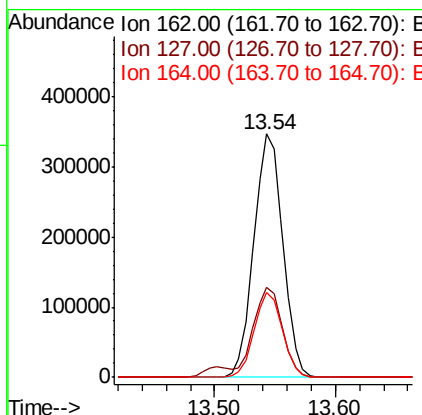
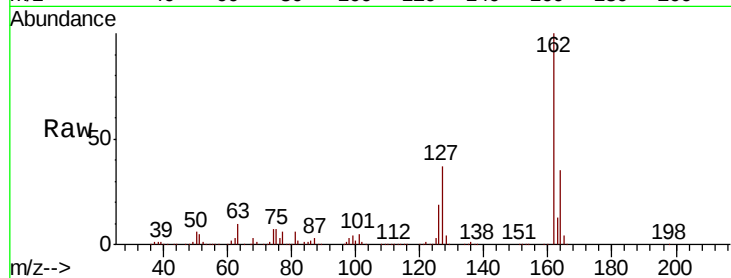




#47
 2-Chloronaphthalene
 Concen: 41.235 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

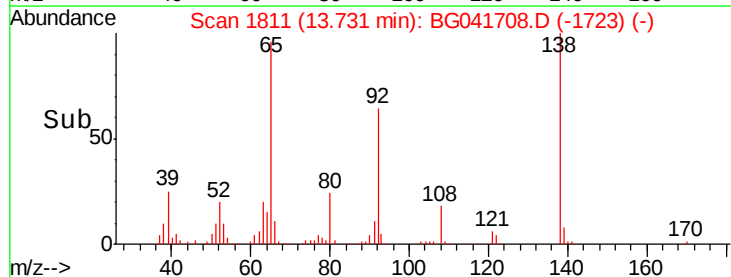
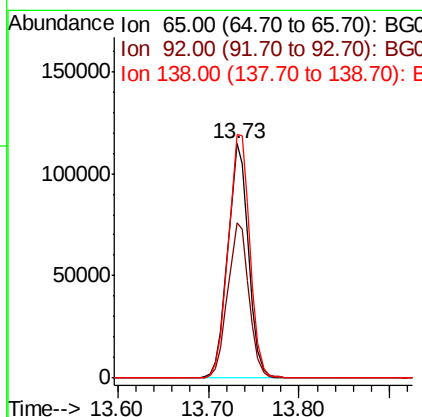
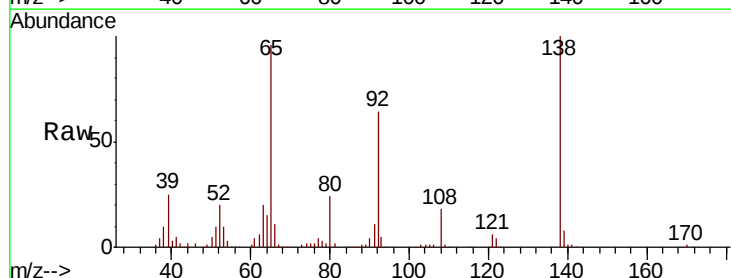
Instrument :
 BNA_G
 ClientSampleId :

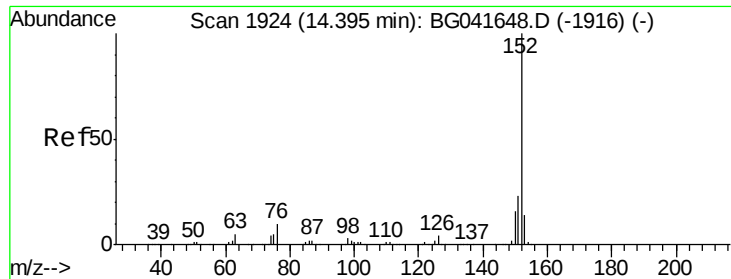
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.4	45.6
164	35.0	28.6	42.8



#48
 2-Nitroaniline
 Concen: 44.705 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.9	80.9
138	103.8	83.5	125.3





#49

Acenaphthylene

Concen: 41.764 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

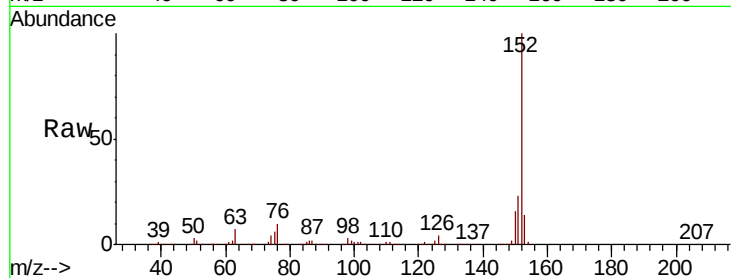
Tot Ion:152 Resp: 914871

Ion Ratio Lower Upper

152 100

151 22.6 18.7 28.1

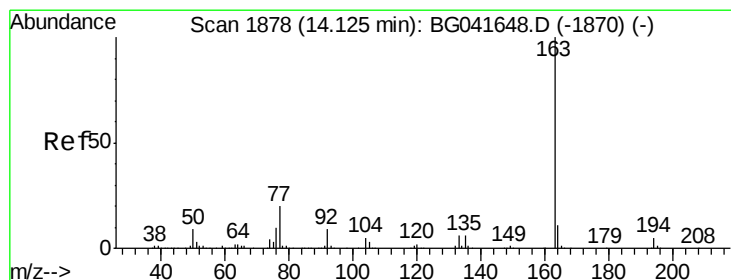
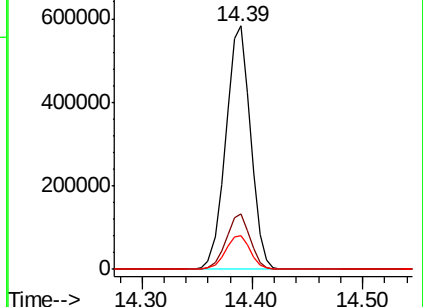
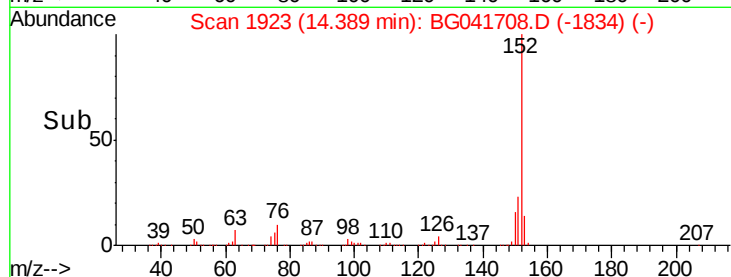
153 13.6 12.4 18.6



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: 42.058 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

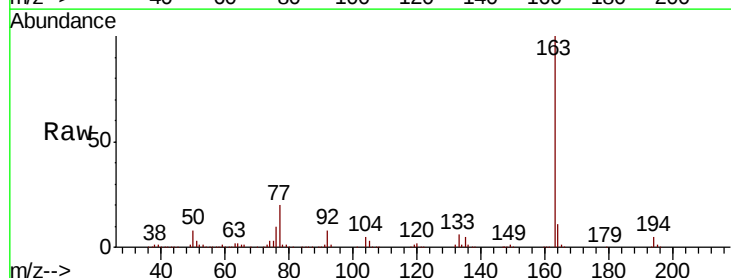
Tgt Ion:163 Resp: 742349

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

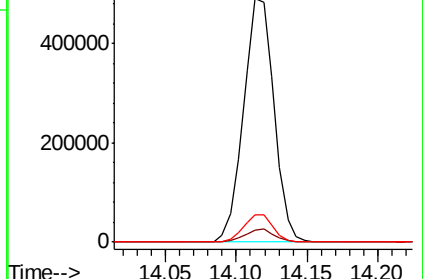
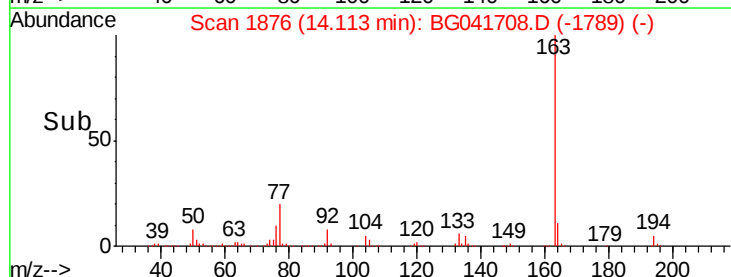
164 11.1 9.4 14.2

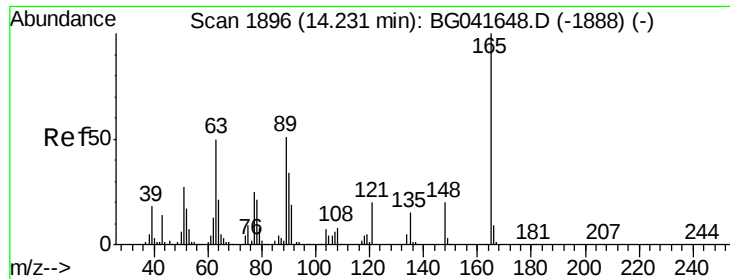


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.902 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampled :

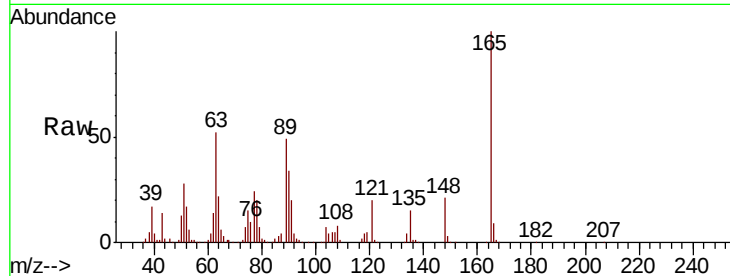
Tot Ion:165 Resp: 168111

Ion Ratio Lower Upper

165 100

63 52.1 42.4 63.6

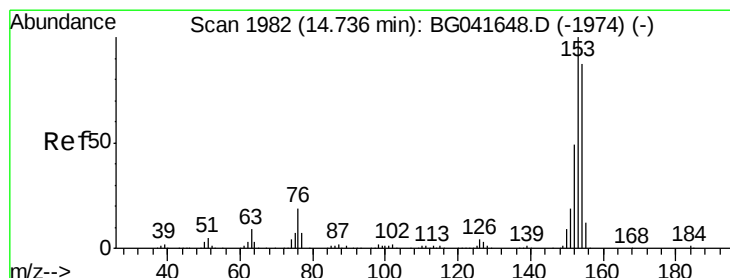
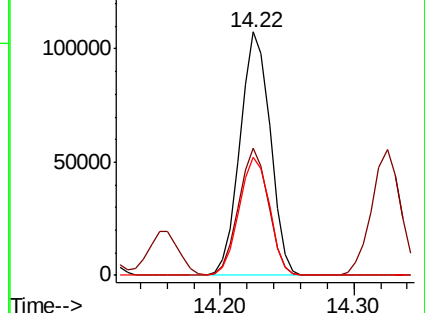
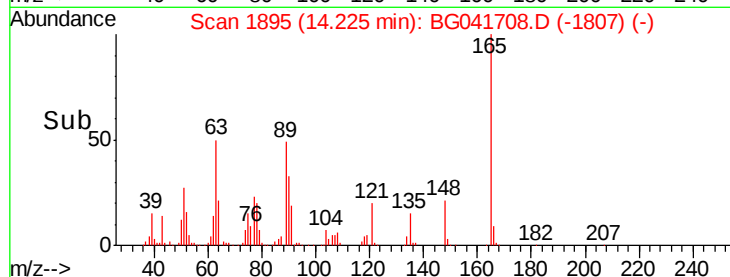
89 48.7 42.1 63.1



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: 41.175 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

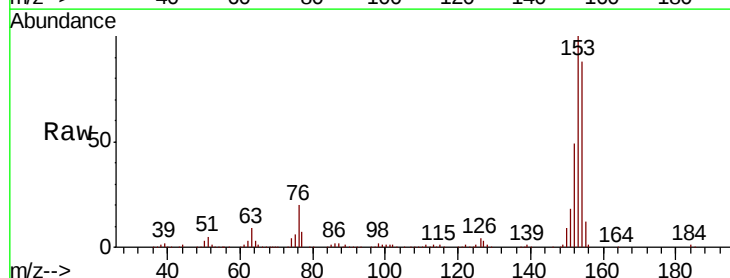
Tgt Ion:154 Resp: 568402

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.6

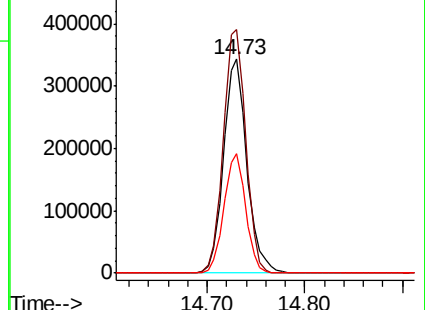
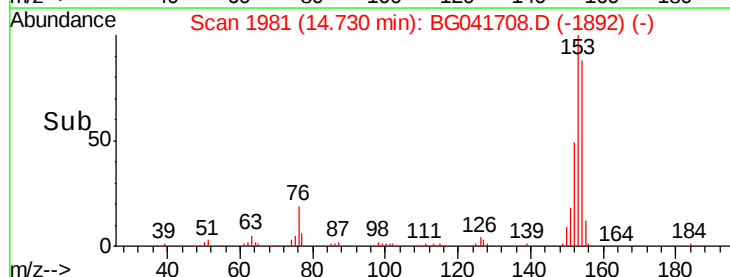
152 55.6 44.9 67.3

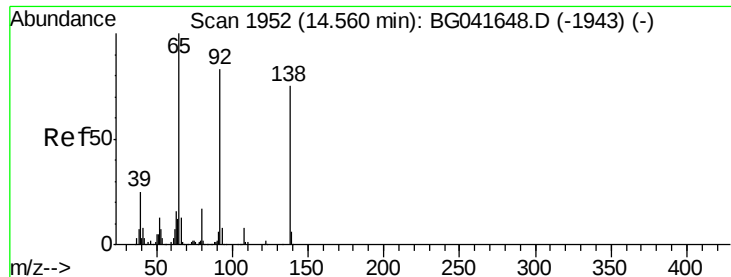


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

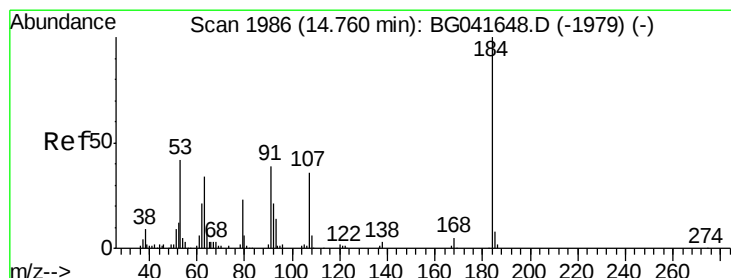
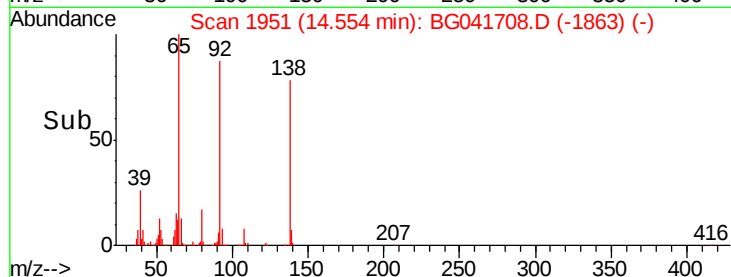
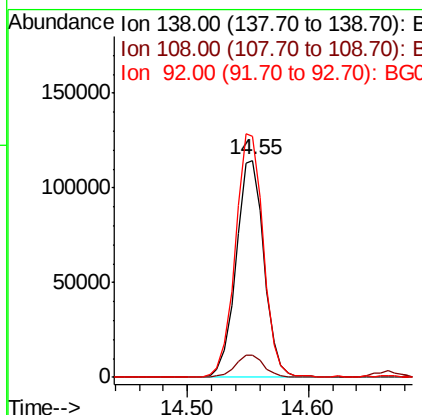
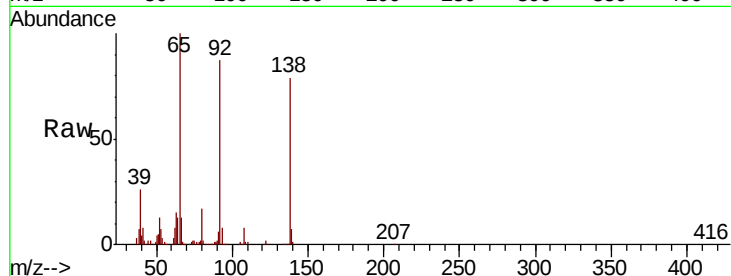




#53
3-Nitroaniline
Concen: 45.353 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

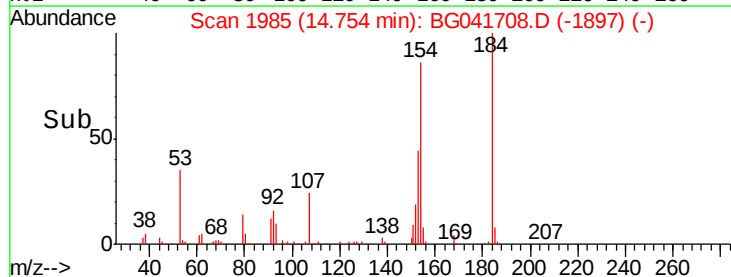
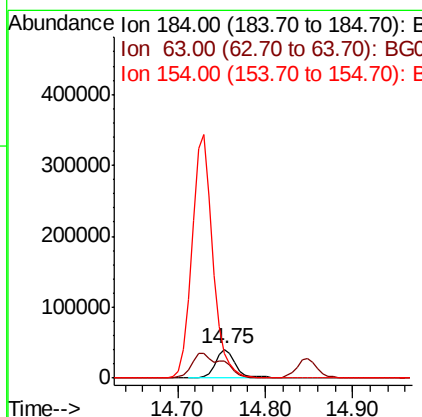
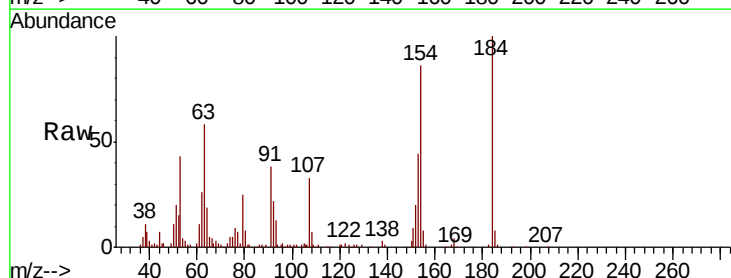
Instrument :
BNA_G
ClientSampleId :

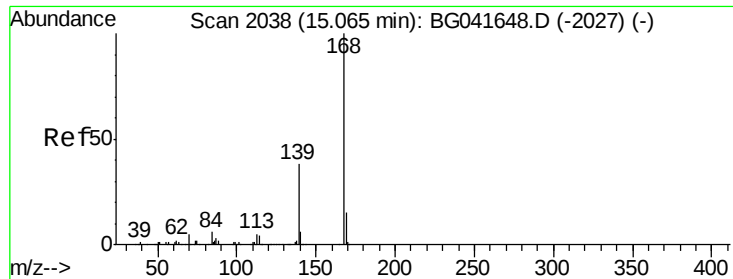
Tot Ion:138 Resp: 185354
Ion Ratio Lower Upper
138 100
108 10.4 10.3 15.5
92 111.0 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 39.335 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion:184 Resp: 66198
Ion Ratio Lower Upper
184 100
63 57.5 43.2 64.8
154 85.7 51.4 77.2#

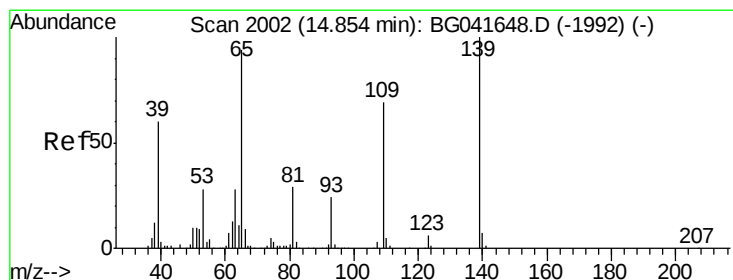
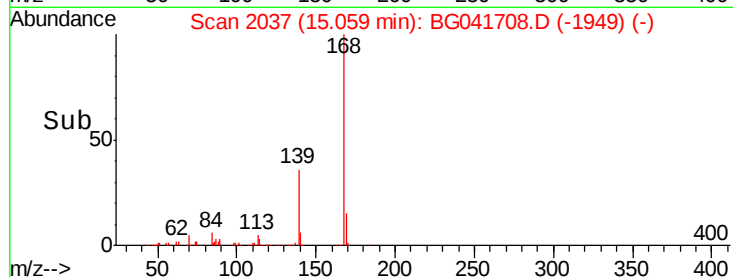
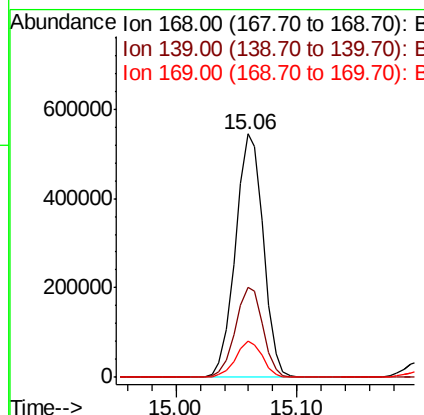
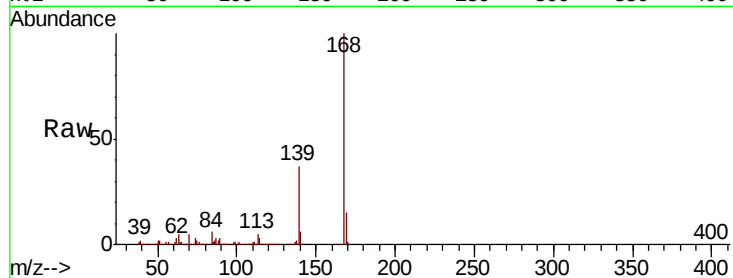




#55
Dibenzenofuran
Concen: 42.093 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

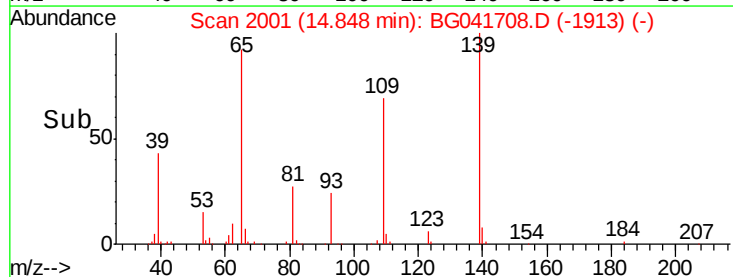
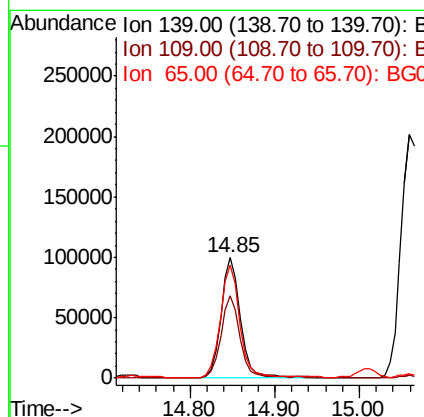
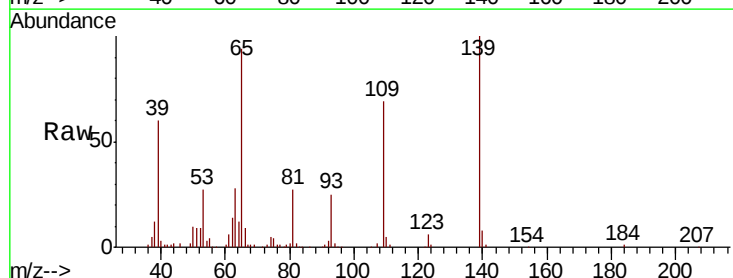
Instrument :
BNA_G
ClientSampleId :

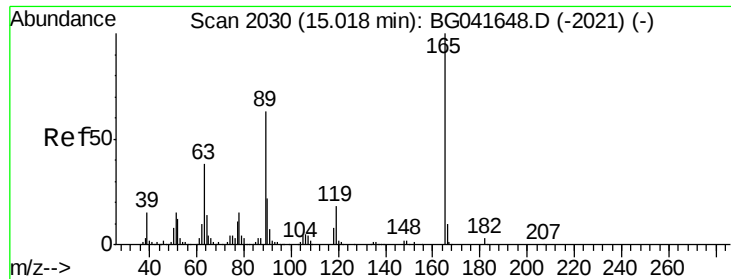
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	31.9	47.9
169	14.9	12.5	18.7



#56
4-Nitrophenol
Concen: 48.973 ng
RT: 14.85 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	51.3	91.3
65	94.4	77.6	117.6

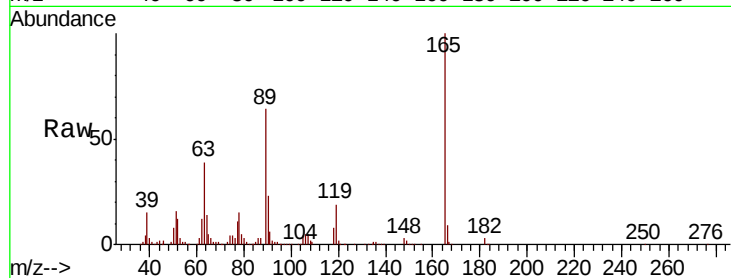




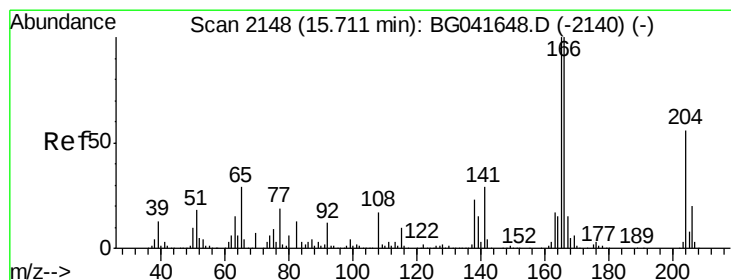
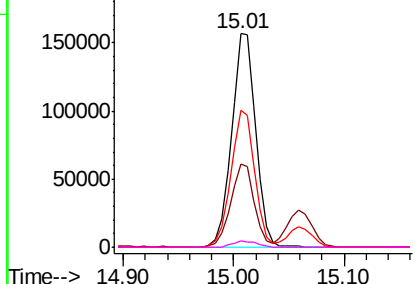
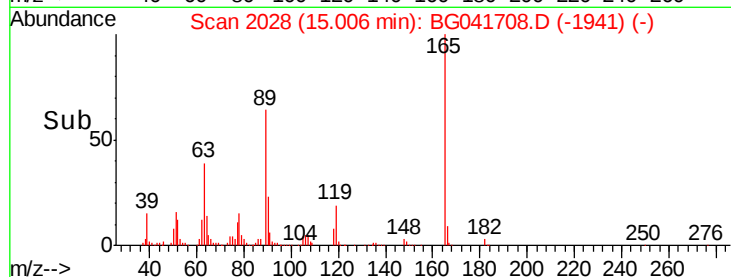
#57
 2,4-Dinitrotoluene
 Concen: 48.342 ng
 RT: 15.01 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 239246
 Ion Ratio Lower Upper
 165 100
 63 39.1 31.7 47.5
 89 63.9 50.2 75.4
 182 3.1 2.6 4.0

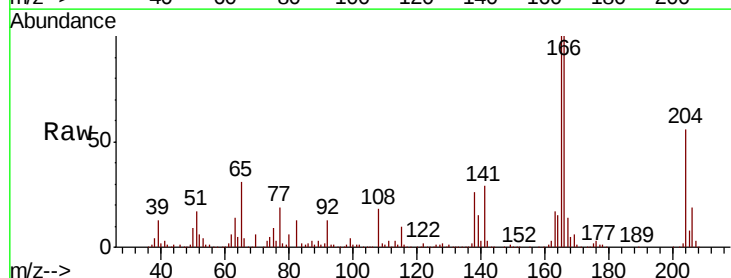


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

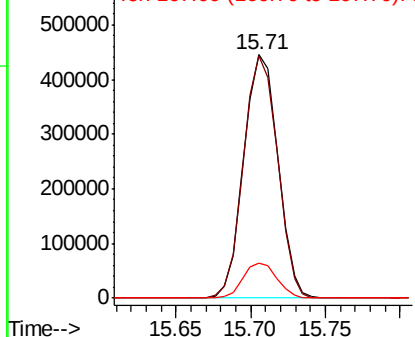
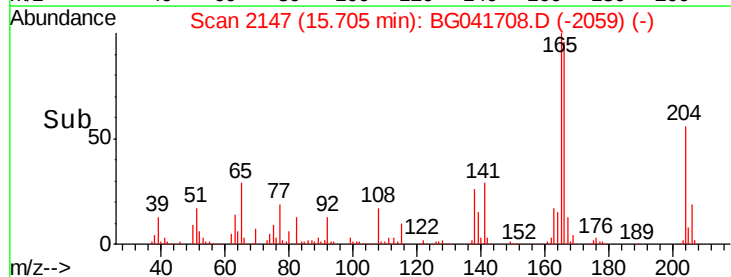


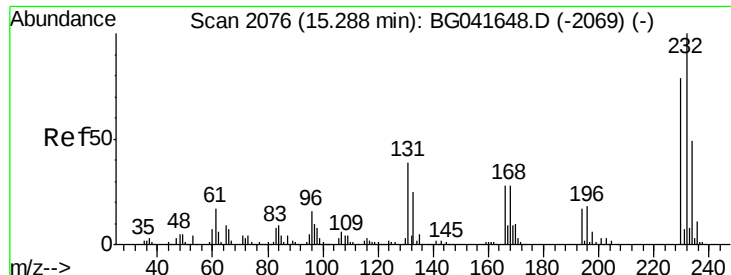
#58
 Fluorene
 Concen: 41.896 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Tgt Ion:166 Resp: 706177
 Ion Ratio Lower Upper
 166 100
 165 99.7 80.5 120.7
 167 14.4 12.4 18.6



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

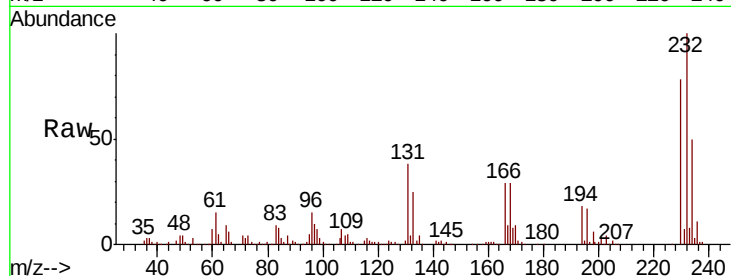




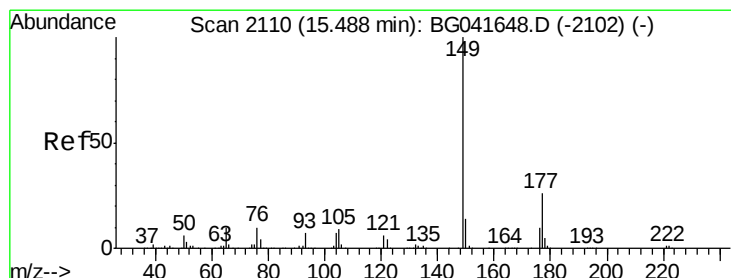
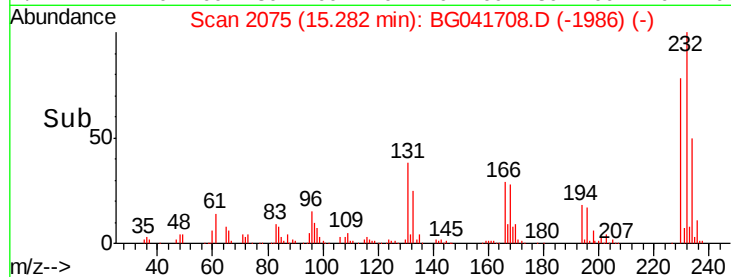
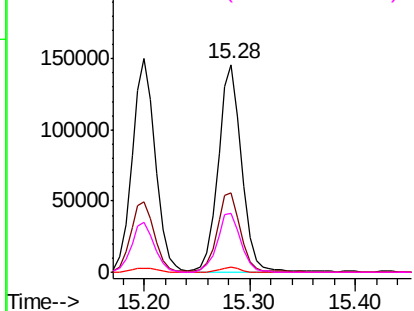
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.709 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	222390
Ion Ratio	Lower	Upper
232	100	
131	38.4	31.8 47.6
130	2.3	1.8 2.8
166	29.0	23.5 35.3

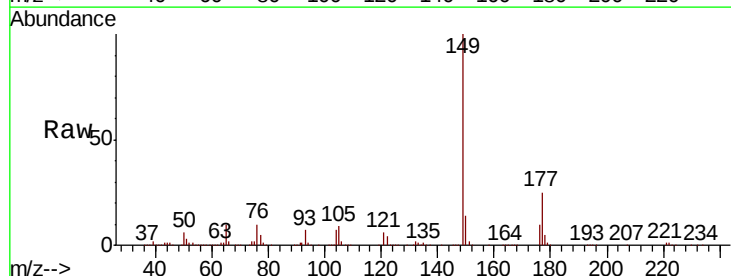


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

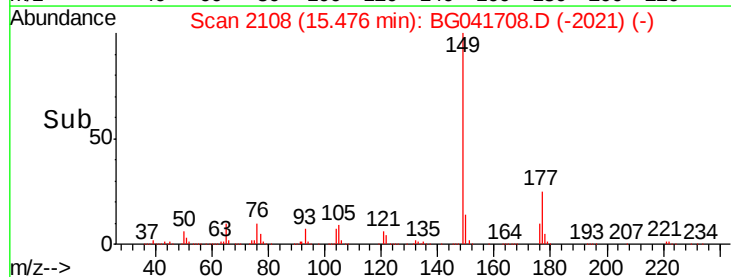
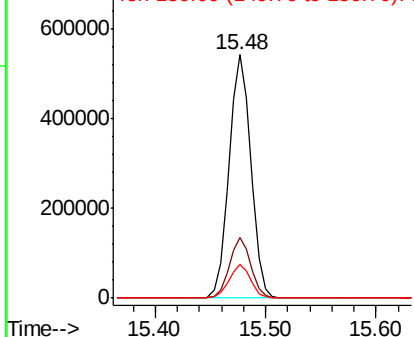


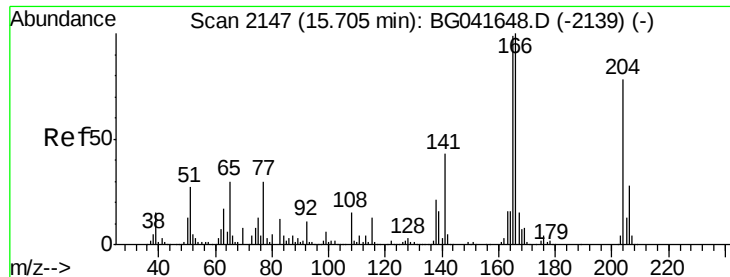
#60
 Diethylphthalate
 Concen: 42.284 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.02 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Tgt Ion:149	Resp:	751874
Ion Ratio	Lower	Upper
149	100	
177	24.7	20.7 31.1
150	14.0	11.5 17.3



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

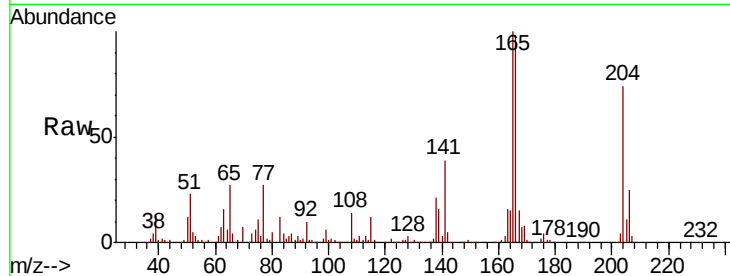




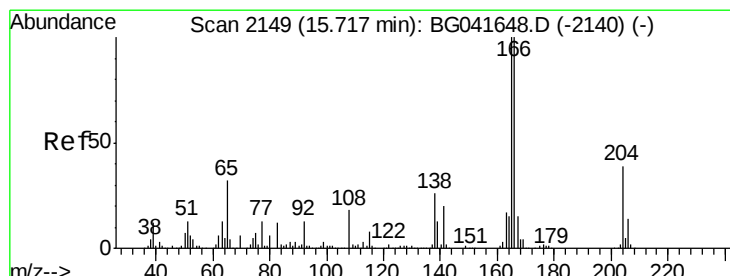
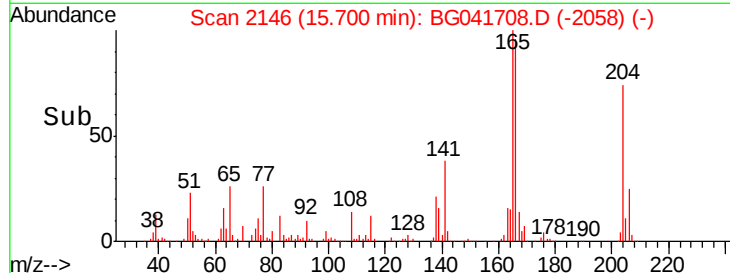
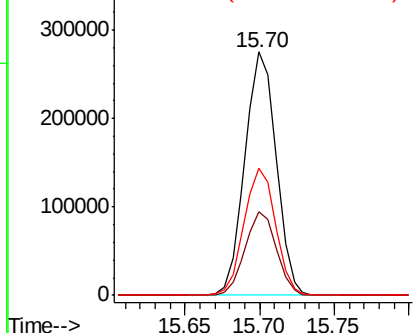
#61
 4-Chlorophenyl-phenylether
 Concen: 41.857 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 398808
 Ion Ratio Lower Upper
 204 100
 206 34.3 28.6 42.8
 141 52.0 42.9 64.3

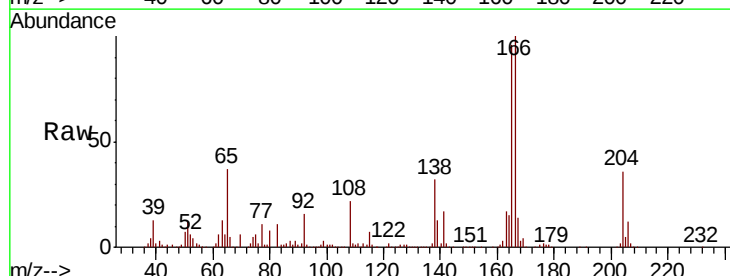


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

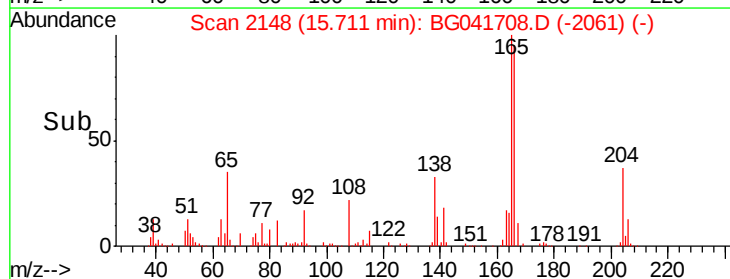
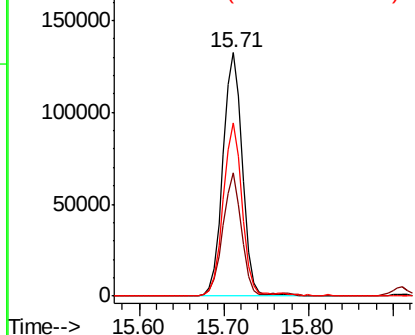


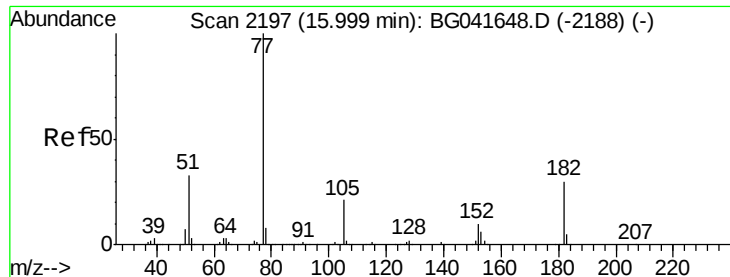
#62
 4-Nitroaniline
 Concen: 48.817 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG041708.D
 Acq: 18 Jul 2019 12:26

Tgt Ion:138 Resp: 211598
 Ion Ratio Lower Upper
 138 100
 92 50.6 29.8 69.8
 108 71.3 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: 41.270 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 663456

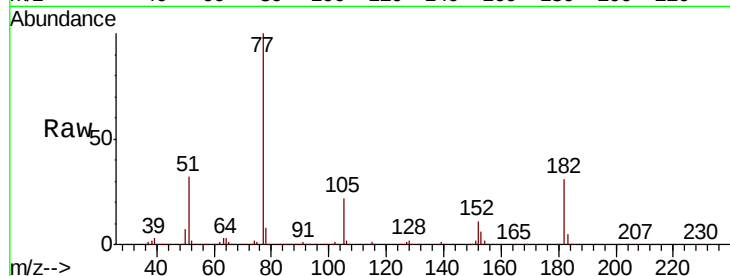
Ion Ratio Lower Upper

77 100

182 30.8 13.2 53.2

105 22.0 2.2 42.2

51 32.1 14.6 54.6

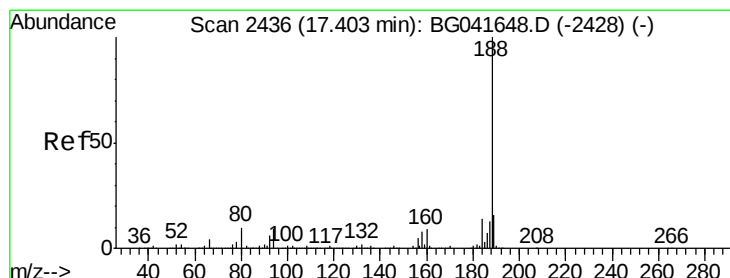
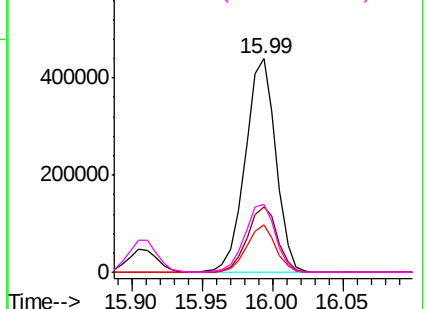
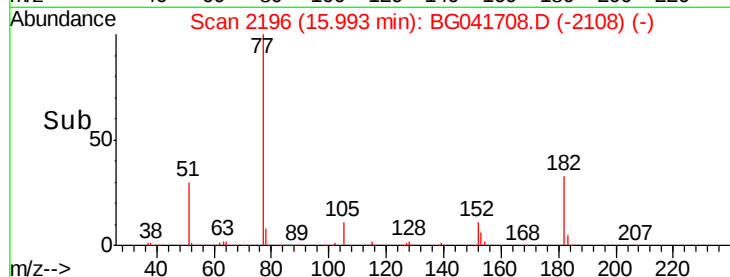


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2435

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

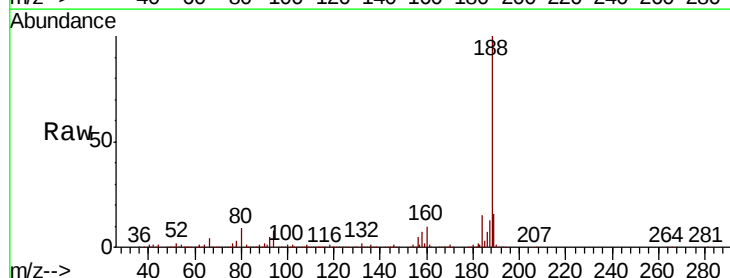
Tgt Ion: 188 Resp: 559877

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

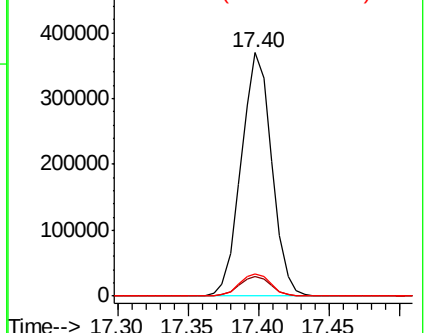
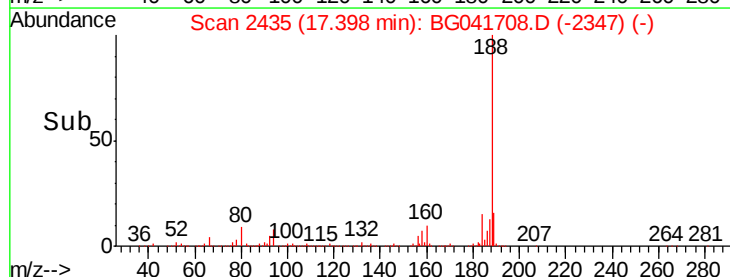
80 9.4 8.0 12.0

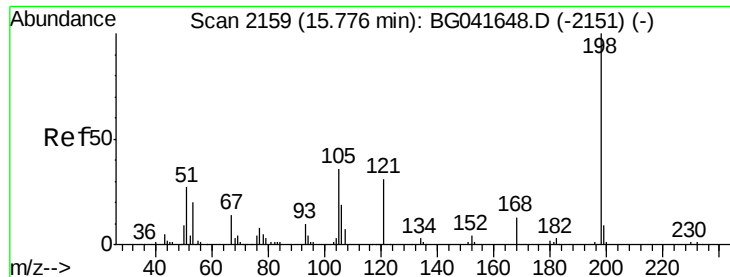


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.834 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

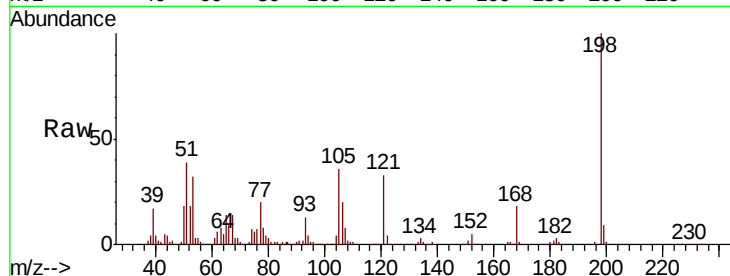
Tot Ion:198 Resp: 114714

Ion Ratio Lower Upper

198 100

51 39.0 22.3 62.3

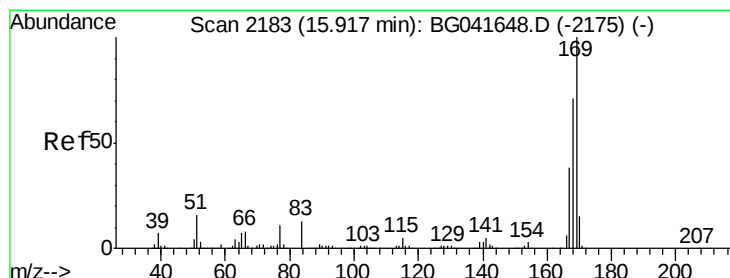
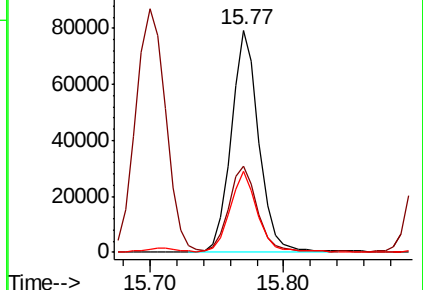
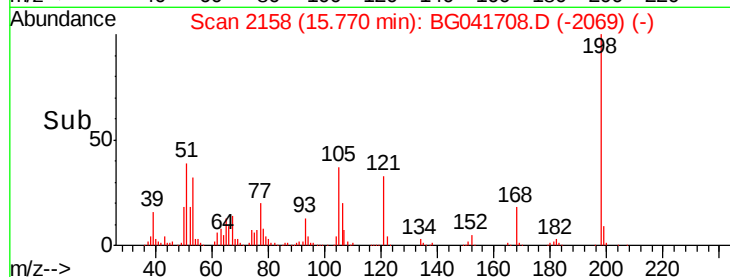
105 36.5 18.0 58.0



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: 40.069 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

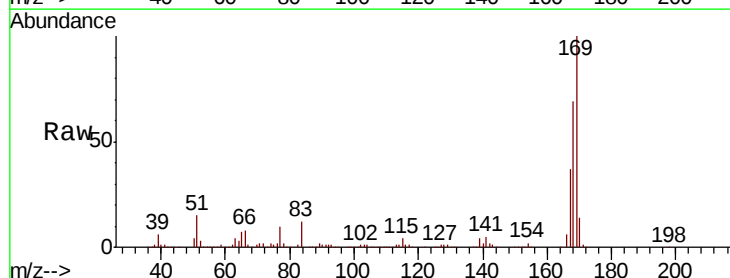
Tgt Ion:169 Resp: 658806

Ion Ratio Lower Upper

169 100

168 69.3 56.9 85.3

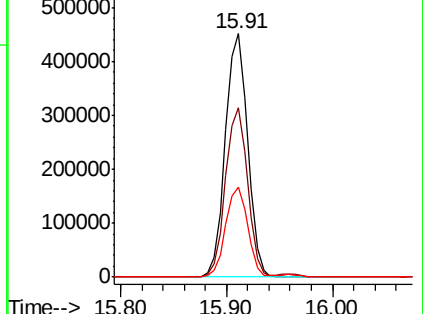
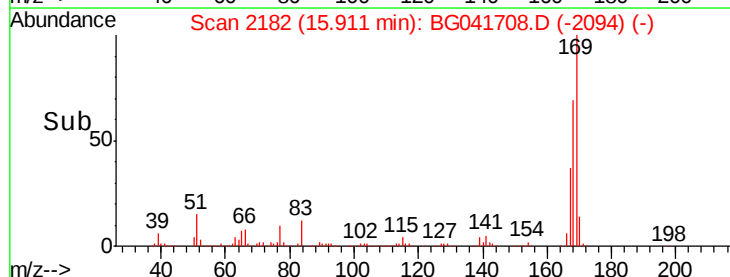
167 36.9 31.5 47.3

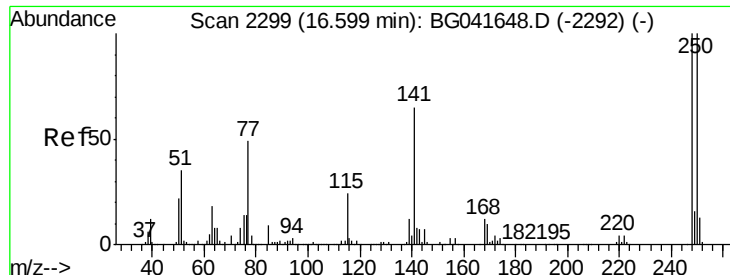


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

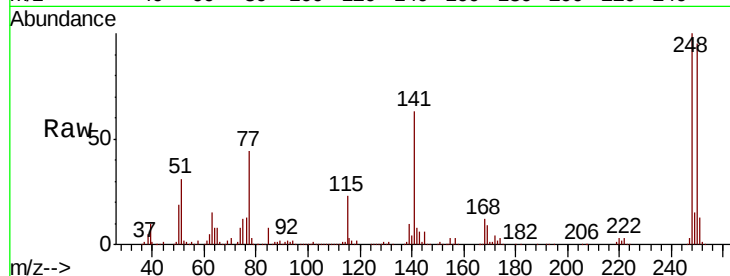




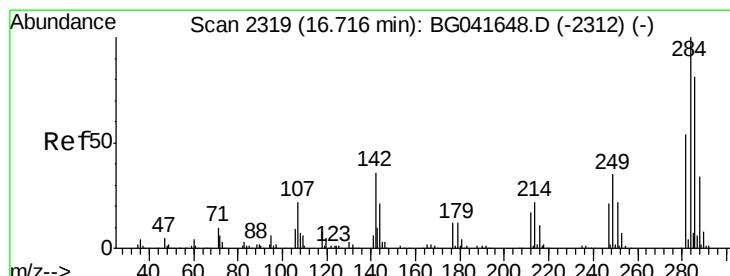
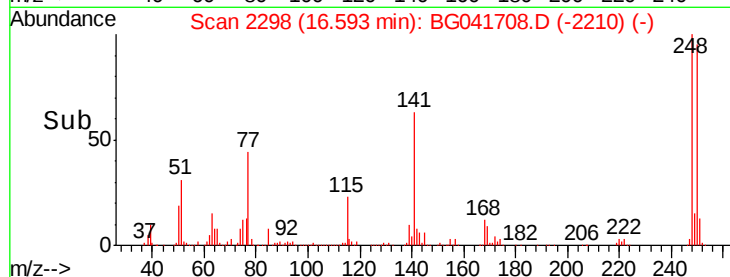
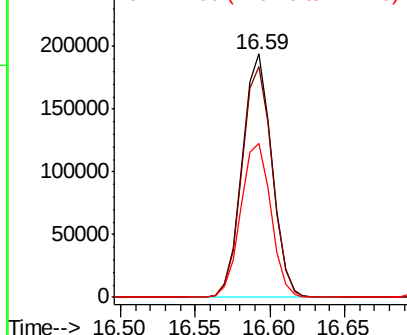
#67
4-Bromophenyl-phenylether
Concen: 40.072 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 266953
Ion Ratio Lower Upper
248 100
250 94.7 78.1 117.1
141 63.4 49.6 74.4

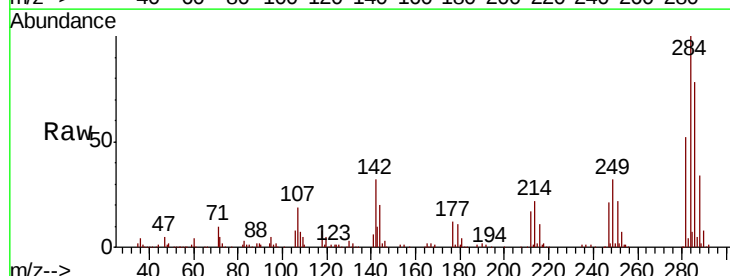


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

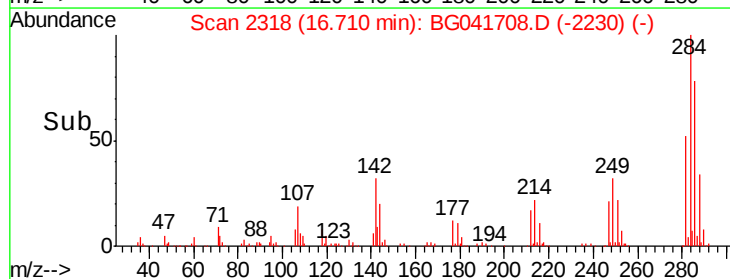
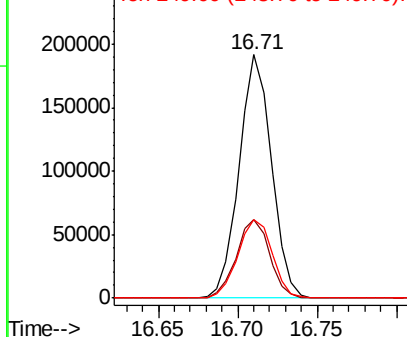


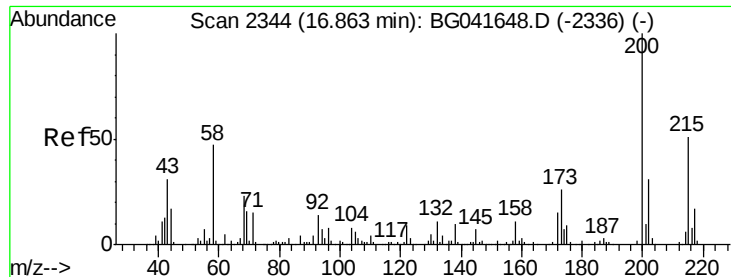
#68
Hexachlorobenzene
Concen: 40.543 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion:284 Resp: 271974
Ion Ratio Lower Upper
284 100
142 32.2 27.0 40.6
249 32.4 28.4 42.6



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

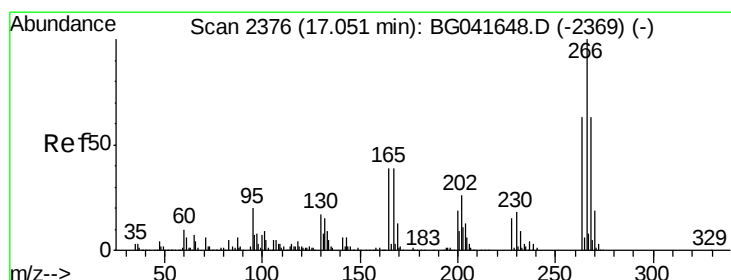
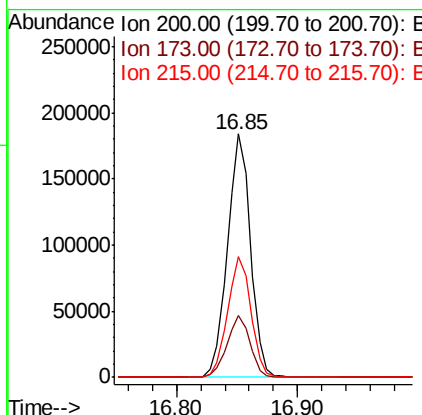
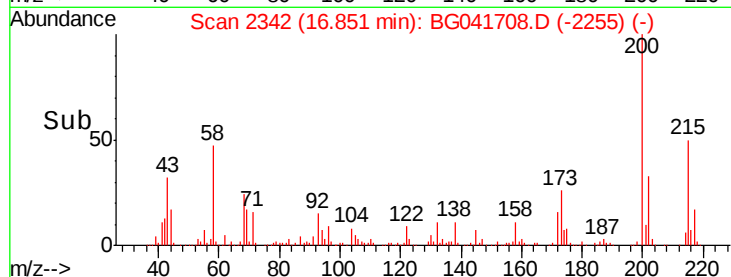
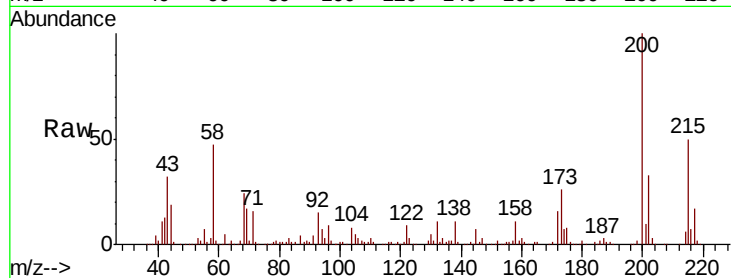




#69
Atrazine
Concen: 40.862 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.02 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

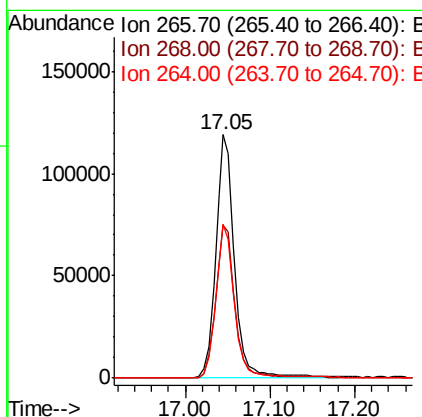
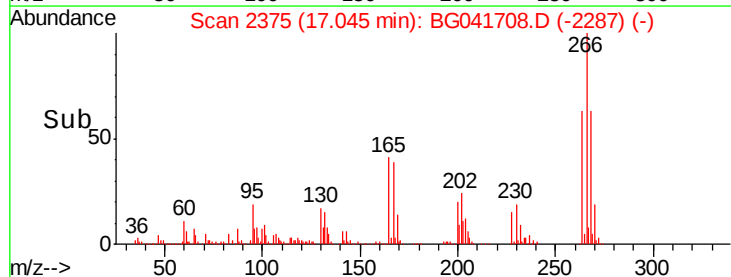
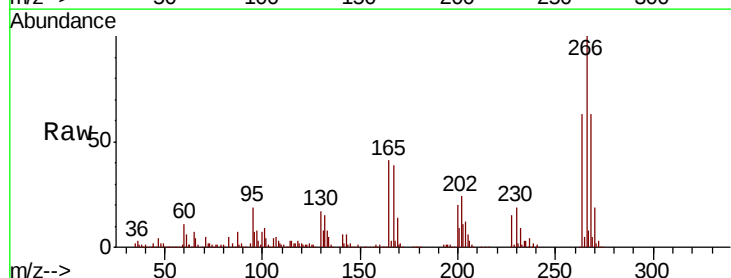
Instrument :
BNA_G
ClientSampled :

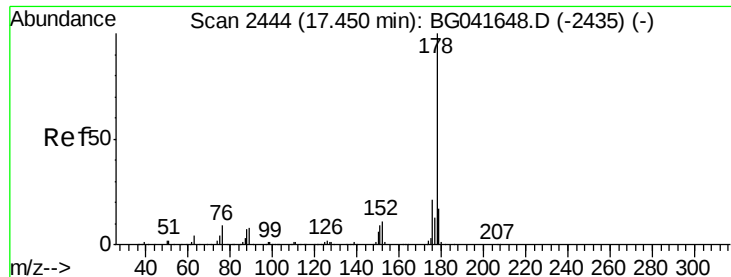
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.3	45.3
215	49.8	31.8	71.8



#70
Pentachlorophenol
Concen: 44.219 ng
RT: 17.05 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	52.9	79.3
264	63.3	51.4	77.2

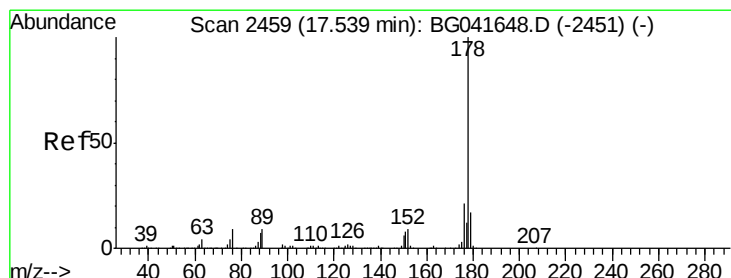
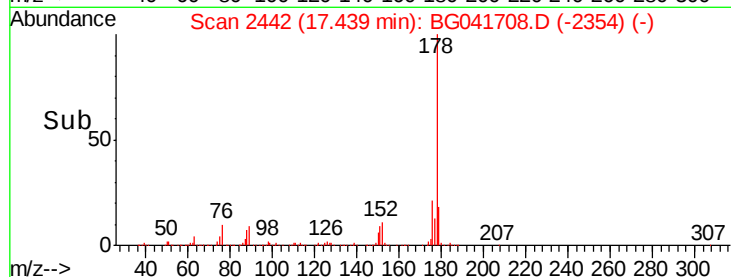
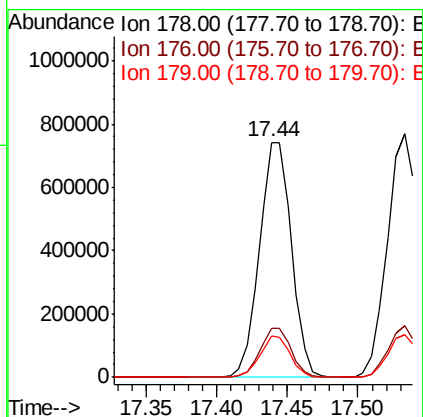
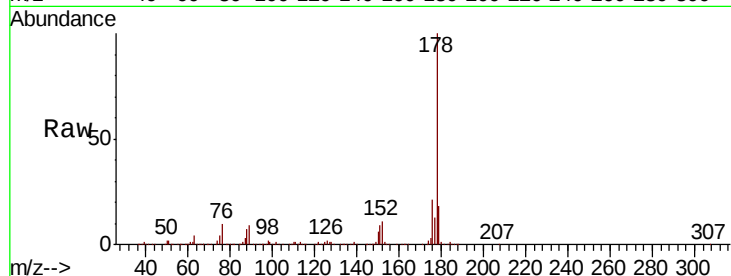




#71
Phenanthrene
Concen: 42.063 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

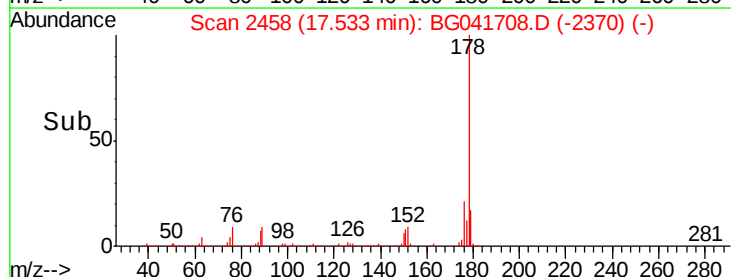
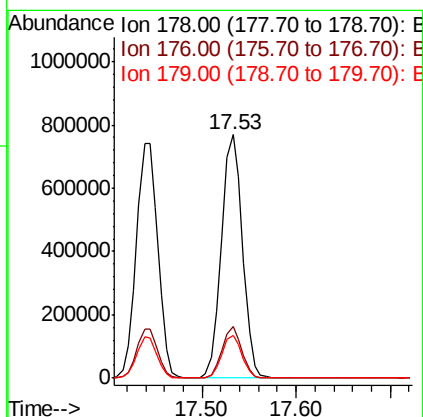
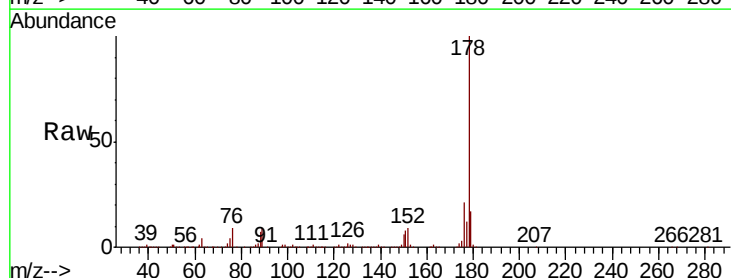
Instrument :
BNA_G
ClientSampleId :

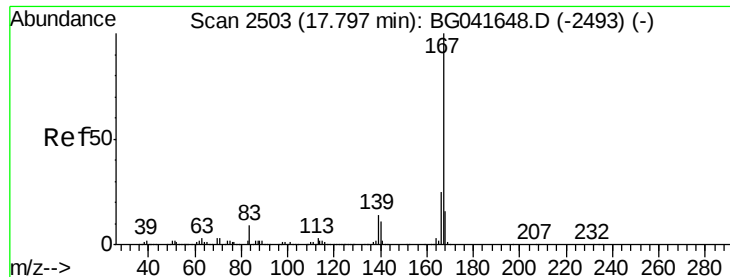
Tot Ion:178 Resp: 1185980
Ion Ratio Lower Upper
178 100
176 21.1 18.6 28.0
179 17.5 15.4 23.0



#72
Anthracene
Concen: 42.699 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion:178 Resp: 1200078
Ion Ratio Lower Upper
178 100
176 21.2 18.6 28.0
179 17.4 15.1 22.7





#73

Carbazole

Concen: 44.875 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

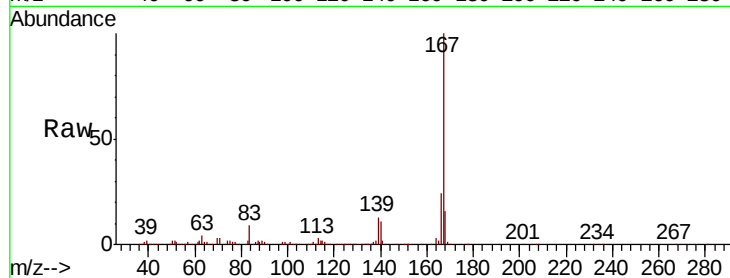
Tot Ion:167 Resp: 1169703

Ion	Ratio	Lower	Upper
167	100		
166	24.2	21.4	32.2
139	13.1	12.1	18.1

167 100

166 24.2 21.4 32.2

139 13.1 12.1 18.1

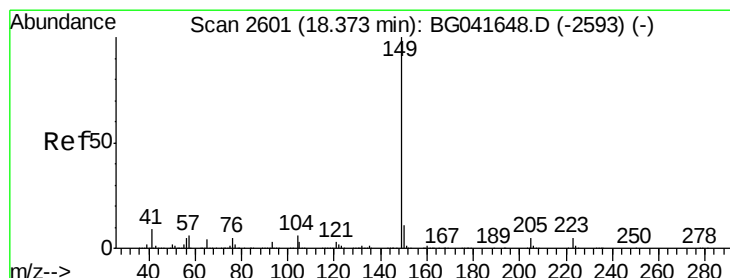
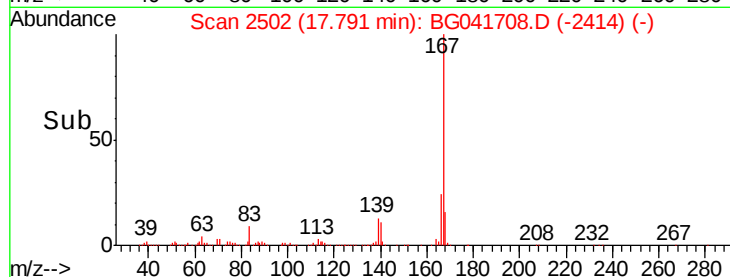
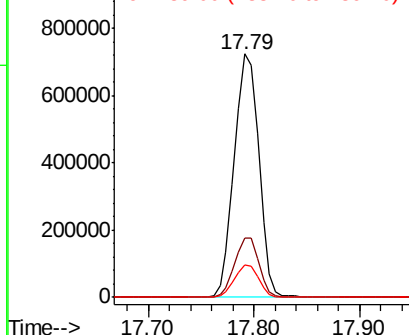


Abundance

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: 43.480 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

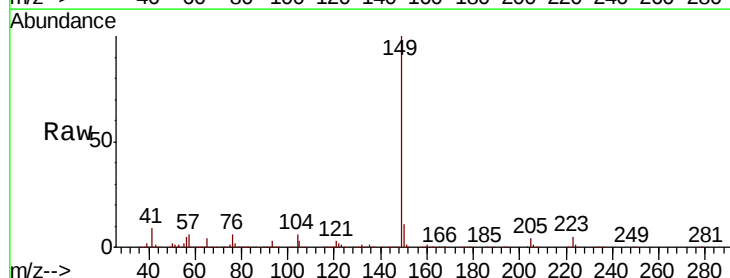
Tgt Ion:149 Resp: 1382298

Ion	Ratio	Lower	Upper
149	100		
150	11.1	10.2	15.2
104	5.8	5.3	7.9

149 100

150 11.1 10.2 15.2

104 5.8 5.3 7.9

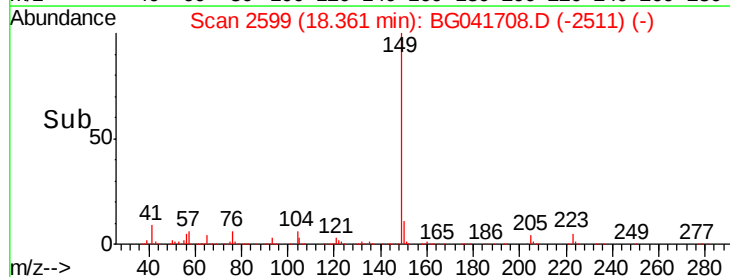
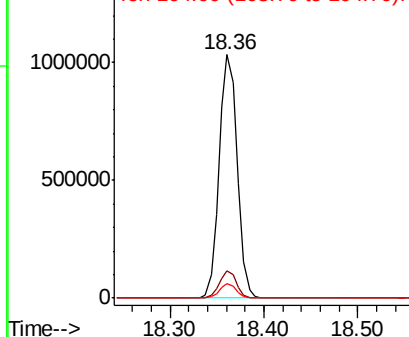


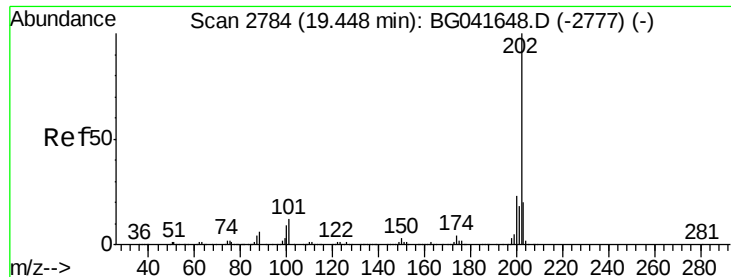
Abundance

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: 44.345 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

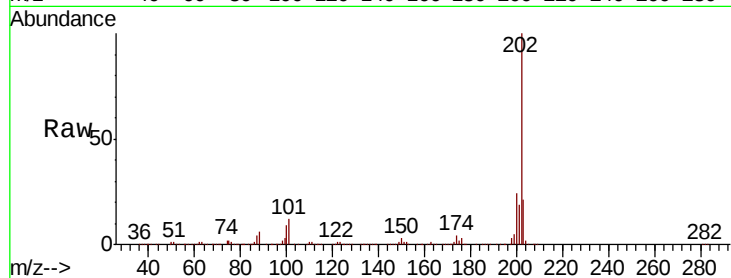
Tot Ion:202 Resp: 1535286

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.8
203	21.4	3.7	43.7

202 100

101 11.8 0.0 32.8

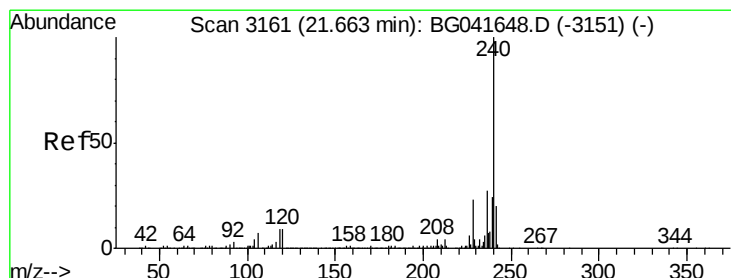
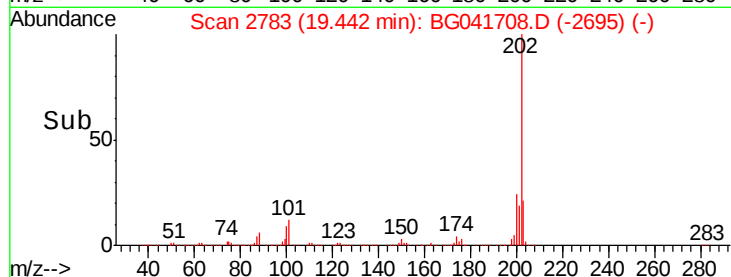
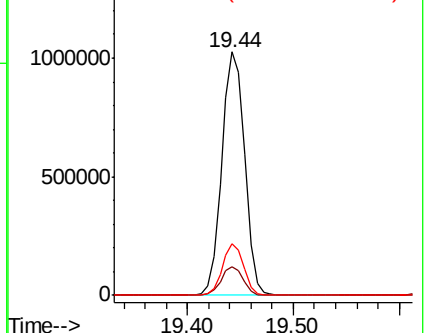
203 21.4 3.7 43.7



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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

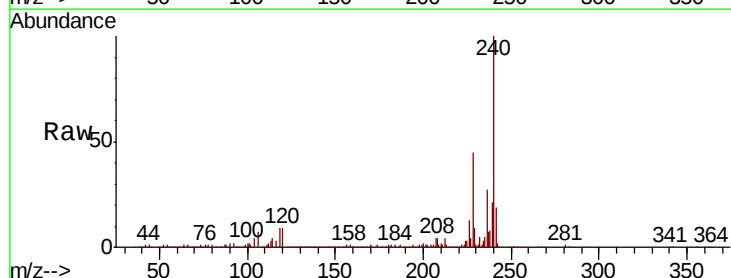
Tgt Ion:240 Resp: 603096

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.0	12.0
236	27.5	22.6	33.8

240 100

120 8.8 8.0 12.0

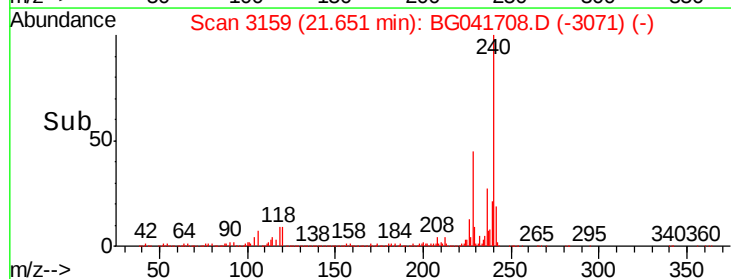
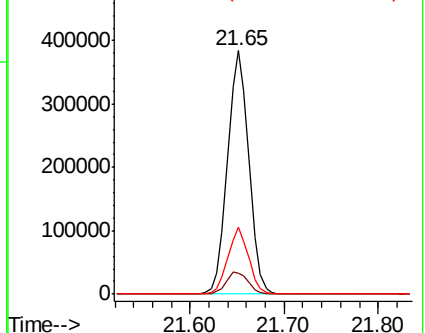
236 27.5 22.6 33.8

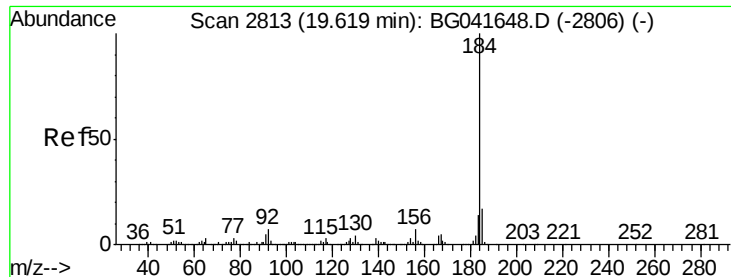


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.125 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

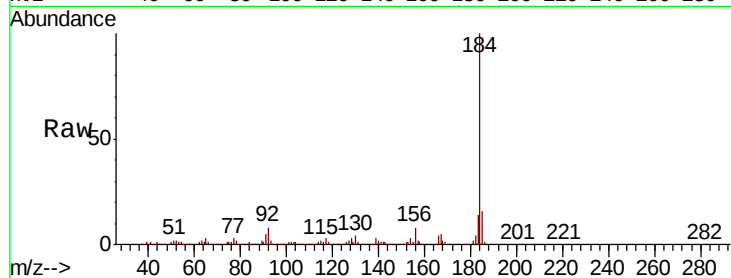
Tot Ion:184 Resp: 835809

Ion Ratio Lower Upper

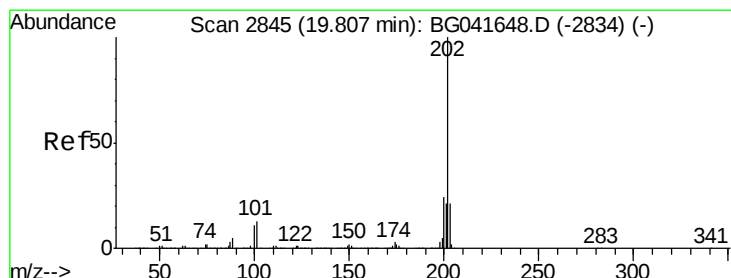
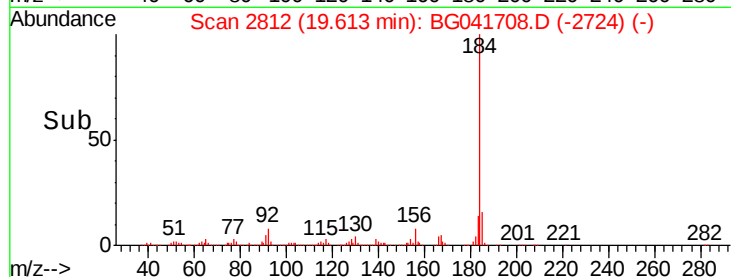
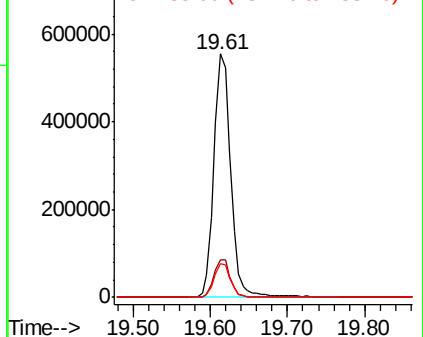
184 100

185 15.6 13.0 19.4

183 13.8 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.179 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

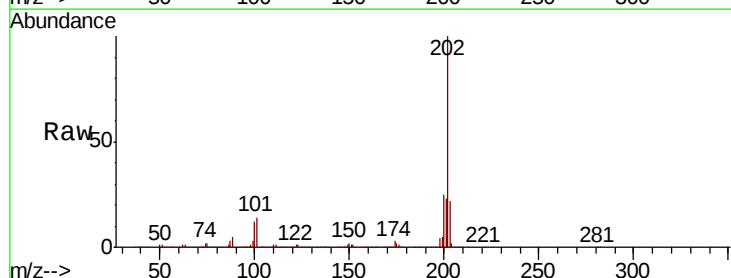
Tgt Ion:202 Resp: 1557307

Ion Ratio Lower Upper

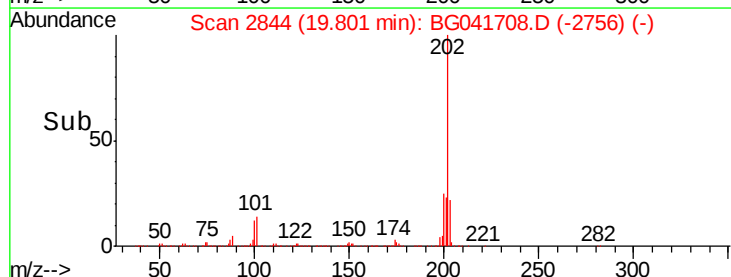
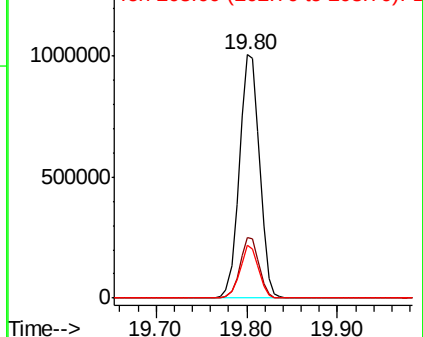
202 100

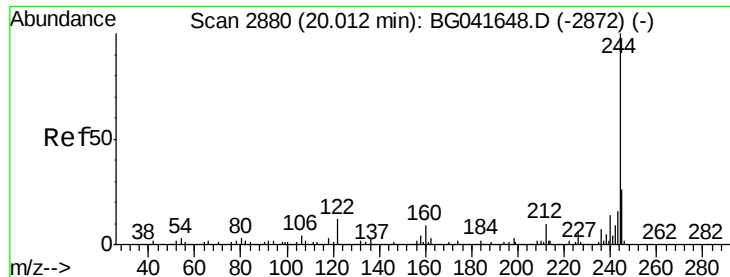
200 25.0 22.2 33.2

203 21.6 18.9 28.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.424 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

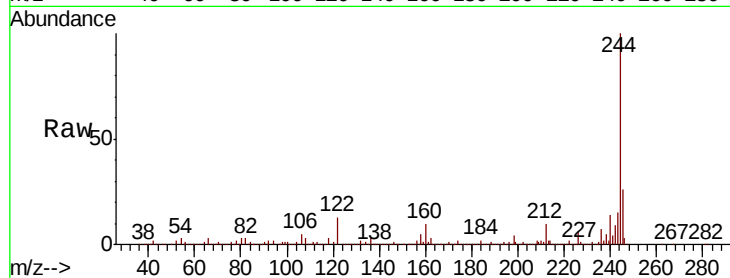
Tot Ion:244 Resp: 2075561

Ion	Ratio	Lower	Upper
244	100		
212	10.0	9.7	14.5
122	13.1	12.5	18.7

244 100

212 10.0 9.7 14.5

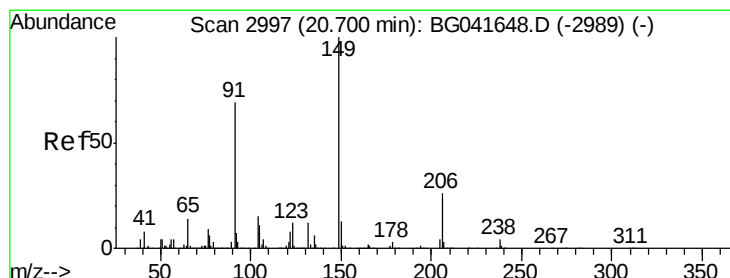
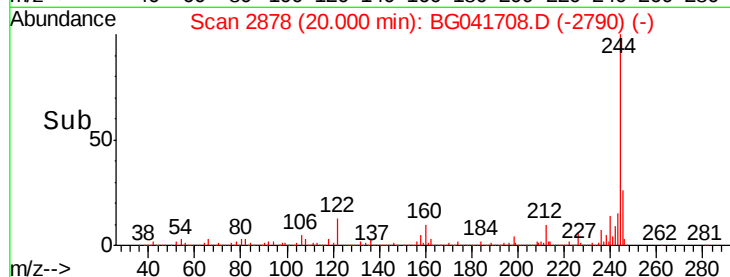
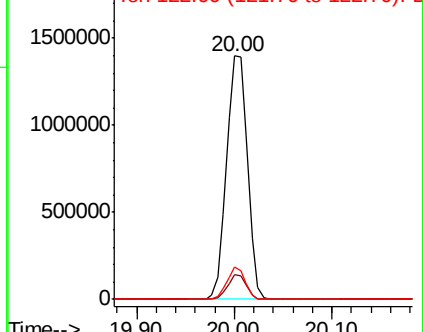
122 13.1 12.5 18.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.398 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

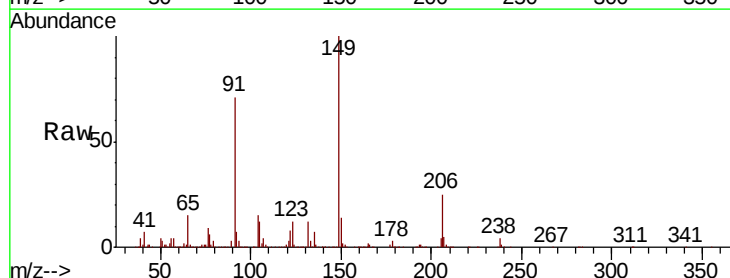
Tgt Ion:149 Resp: 701691

Ion	Ratio	Lower	Upper
149	100		
91	70.7	58.9	88.3
206	24.9	20.8	31.2

149 100

91 70.7 58.9 88.3

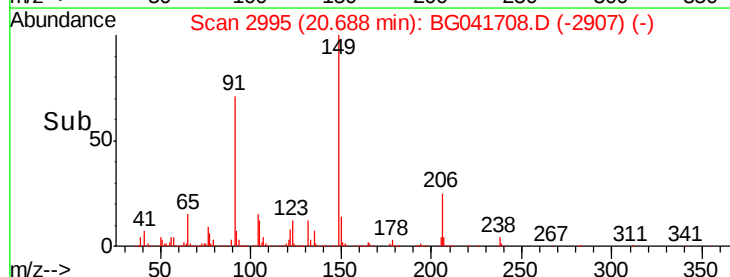
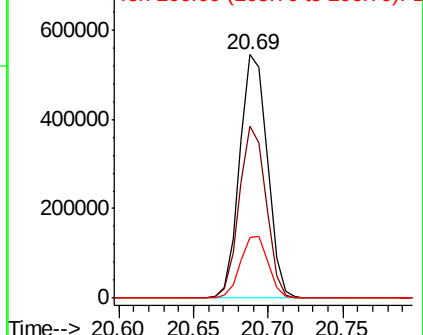
206 24.9 20.8 31.2

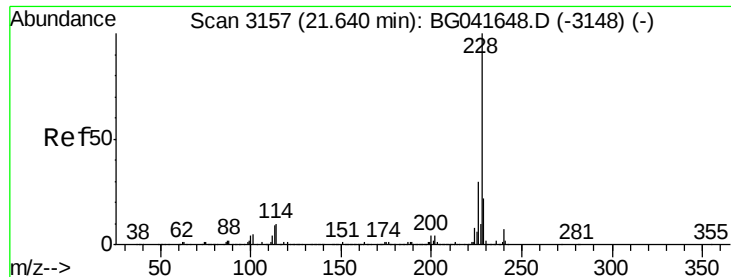


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

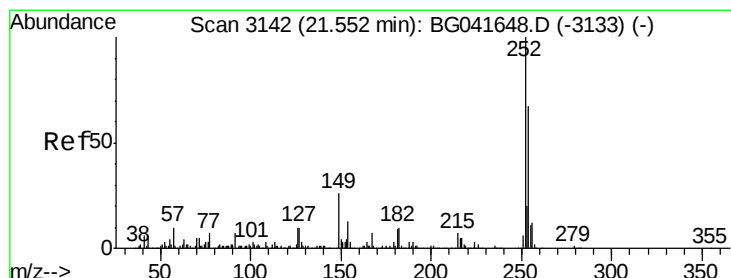
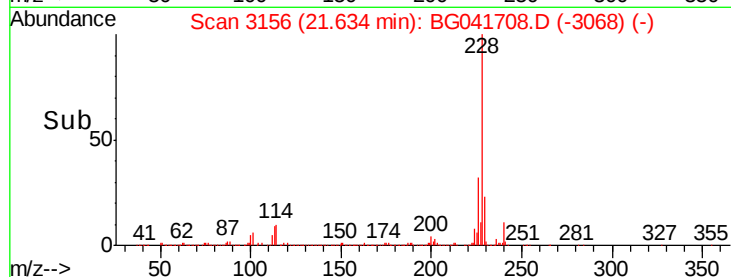
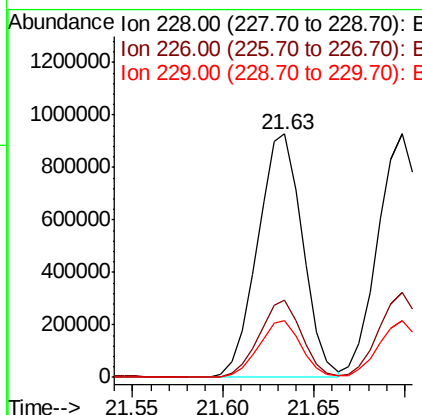
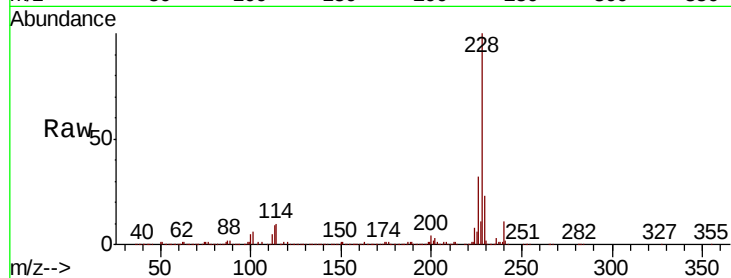




#81
Benzo(a)anthracene
Concen: 41.026 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

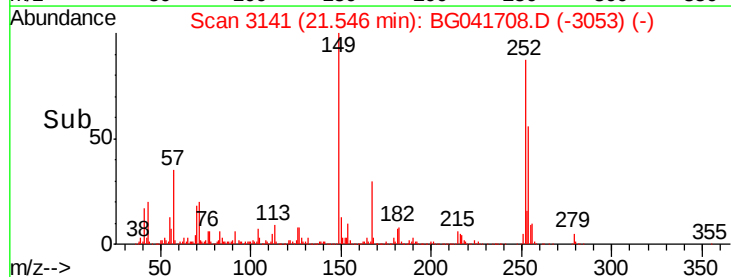
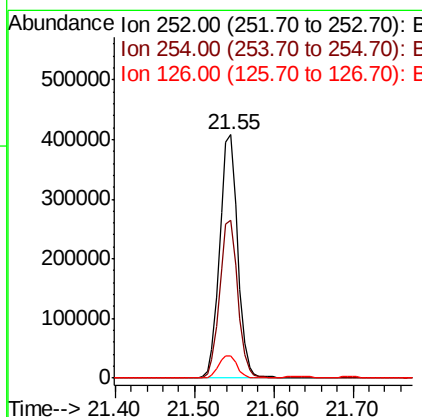
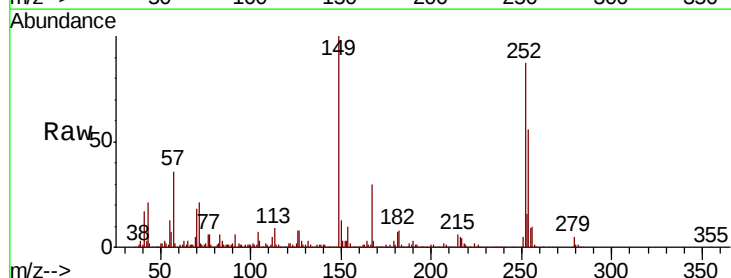
Instrument :
BNA_G
ClientSampleId :

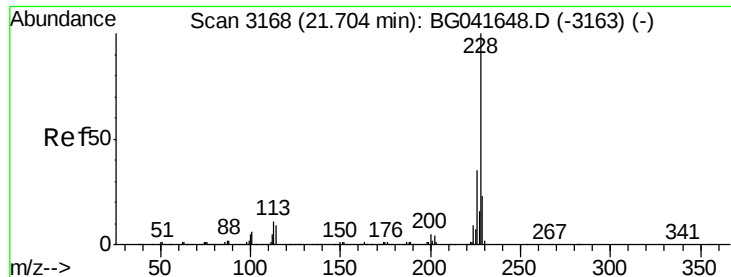
Tot Ion:228 Resp: 1598644
Ion Ratio Lower Upper
228 100
226 31.7 27.3 40.9
229 23.4 19.7 29.5



#82
3,3'-Dichlorobenzidine
Concen: 41.982 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion:252 Resp: 643730
Ion Ratio Lower Upper
252 100
254 64.8 53.8 80.6
126 9.3 7.8 11.8





#83

Chrysene

Concen: 41.473 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

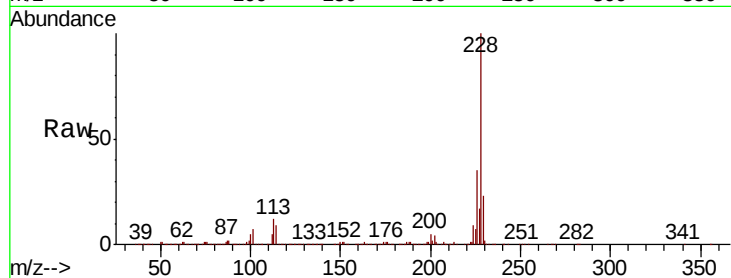
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1544197

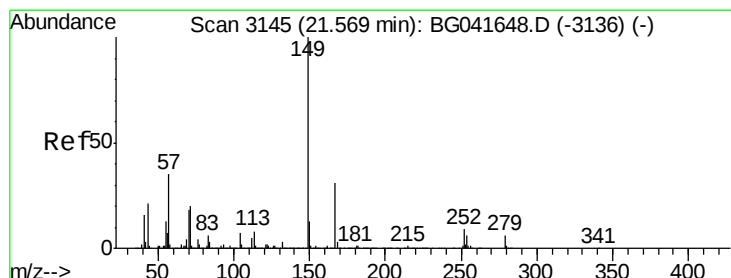
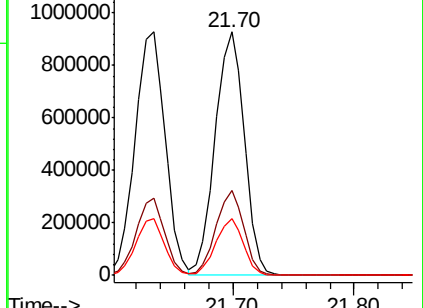
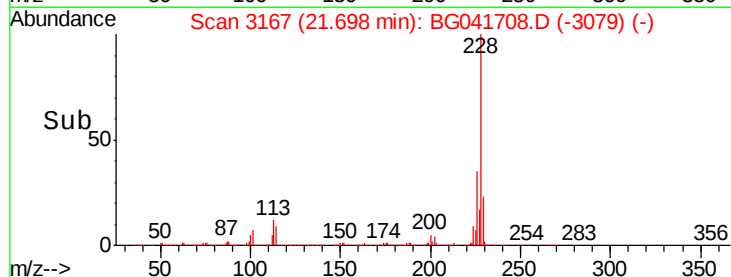
Ion	Ratio	Lower	Upper
228	100		
226	34.9	30.1	45.1
229	23.2	19.8	29.6



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: 40.715 ng

RT: 21.55 min Scan# 3142

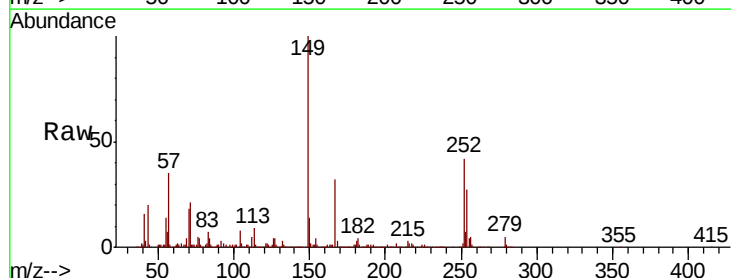
Delta R.T. -0.02 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Tgt Ion:149 Resp: 974376

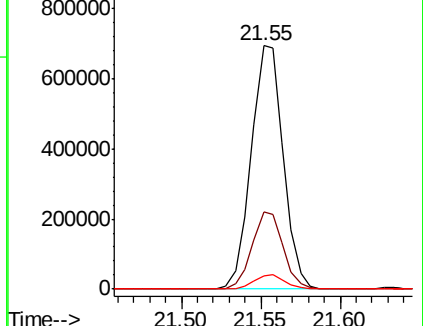
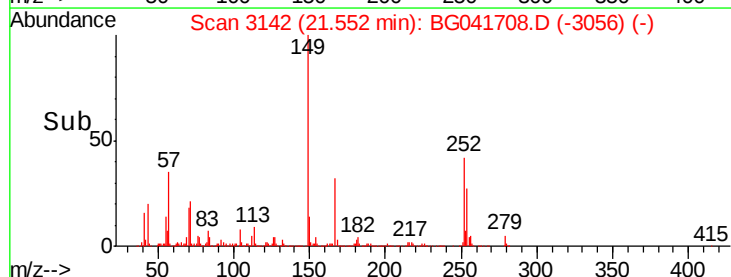
Ion	Ratio	Lower	Upper
149	100		
167	31.9	27.0	40.4
279	5.5	5.0	7.6

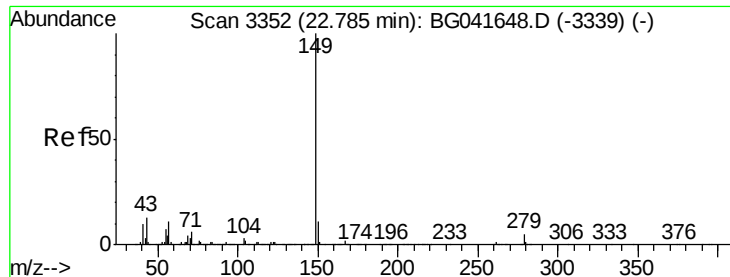


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.679 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.02 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

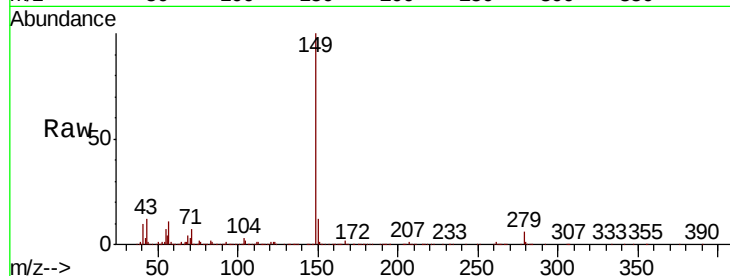
Tot Ion:149 Resp: 1698648

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

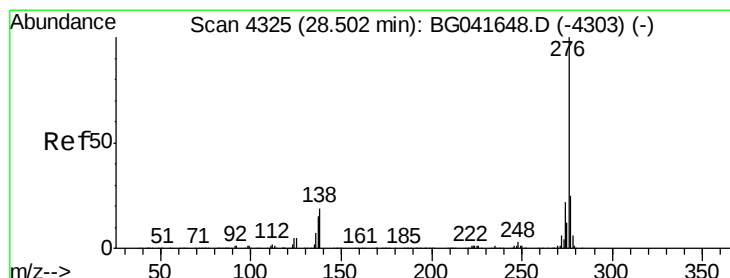
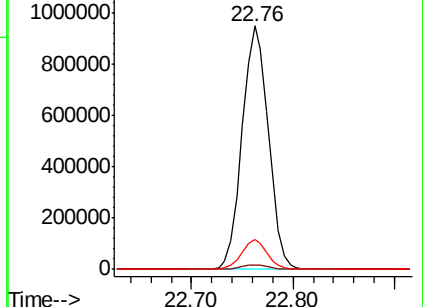
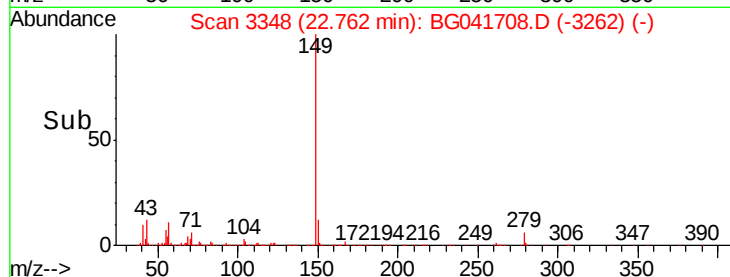
43 11.7 10.6 16.0



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: 41.486 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.03 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

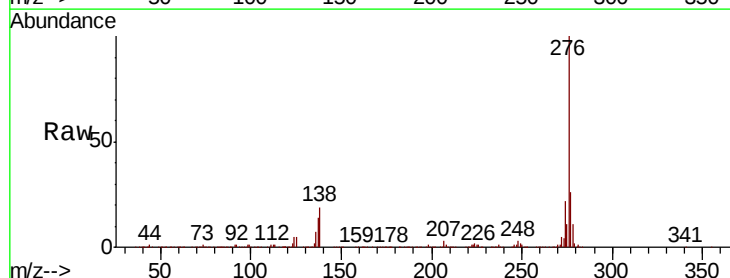
Tgt Ion:276 Resp: 2038162

Ion Ratio Lower Upper

276 100

138 16.4 19.4 29.0#

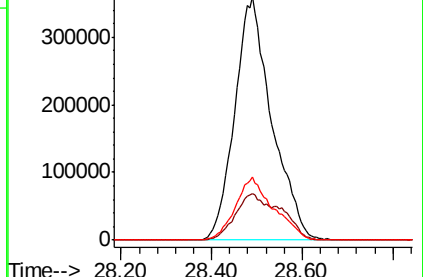
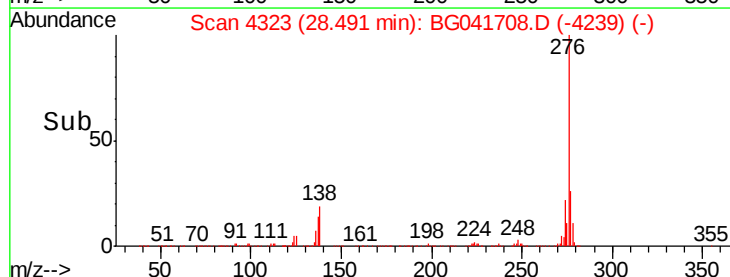
277 26.6 21.2 31.8

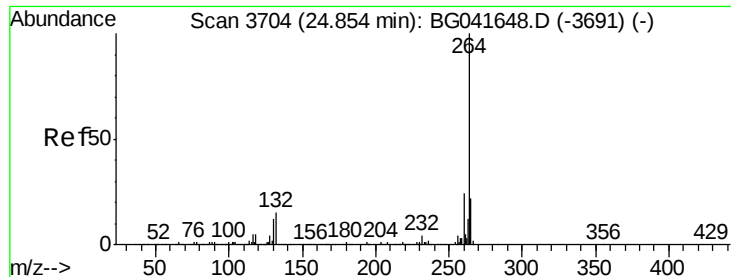


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.02 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

Instrument :

BNA_G

ClientSampleId :

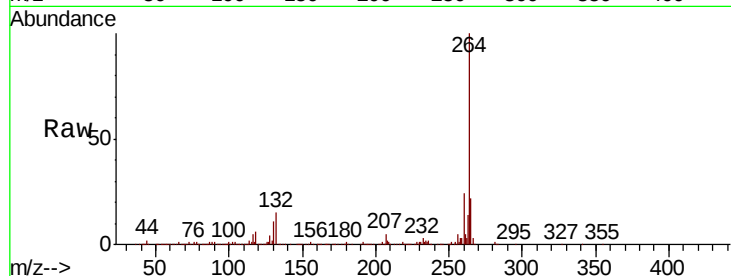
Tot Ion:264 Resp: 707966

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

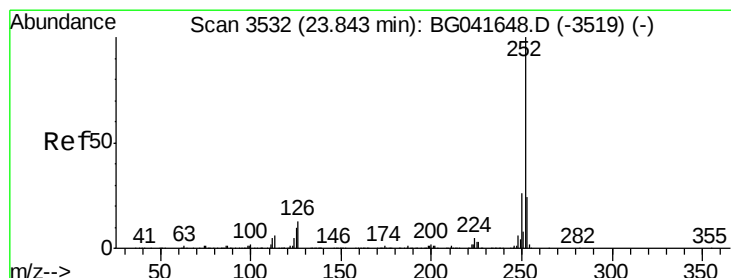
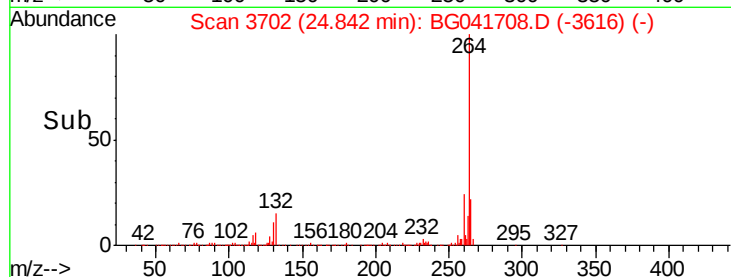
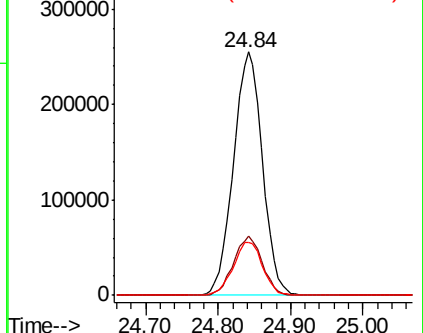
265 21.9 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.991 ng

RT: 23.83 min Scan# 3530

Delta R.T. -0.02 min

Lab File: BG041708.D

Acq: 18 Jul 2019 12:26

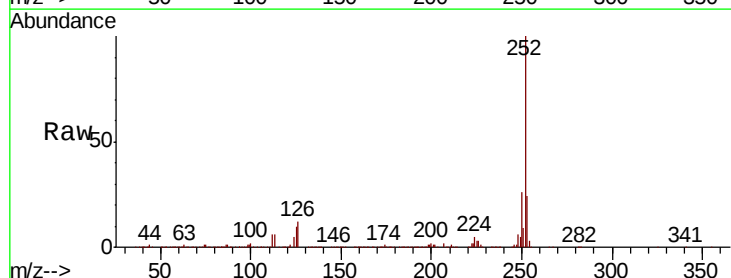
Tgt Ion:252 Resp: 1760287

Ion Ratio Lower Upper

252 100

253 24.0 20.6 30.8

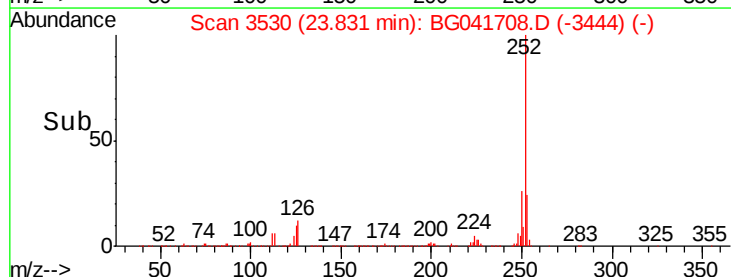
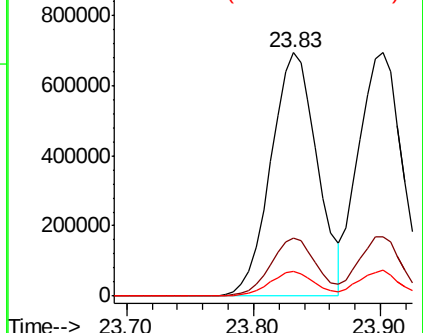
125 9.9 8.0 12.0

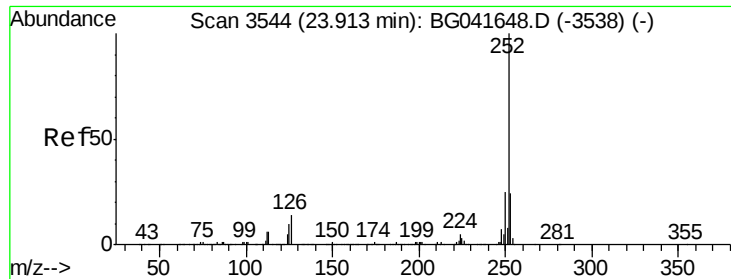


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

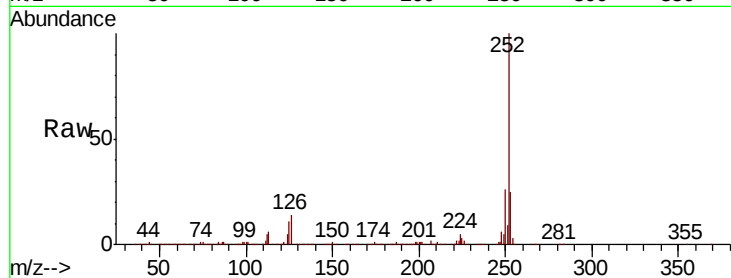




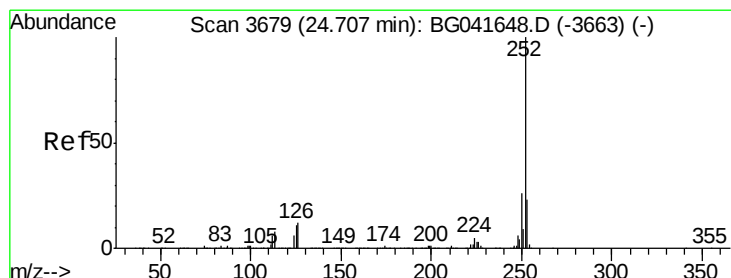
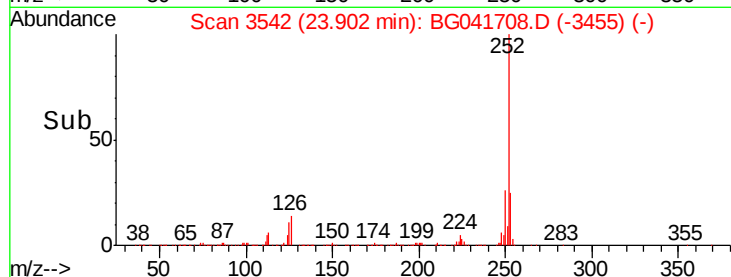
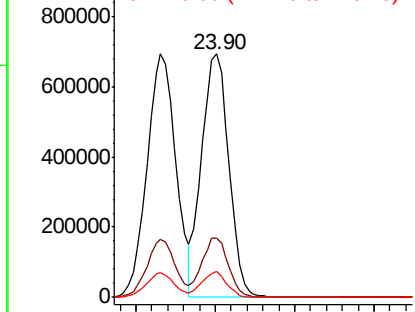
#89
Benzo(k)fluoranthene
Concen: 41.650 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.02 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1657336
Ion Ratio Lower Upper
252 100
253 24.6 20.5 30.7
125 10.7 8.4 12.6

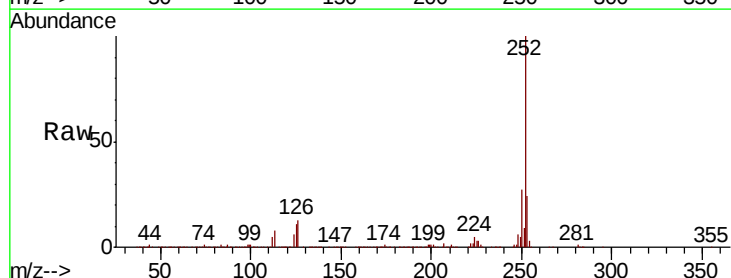


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

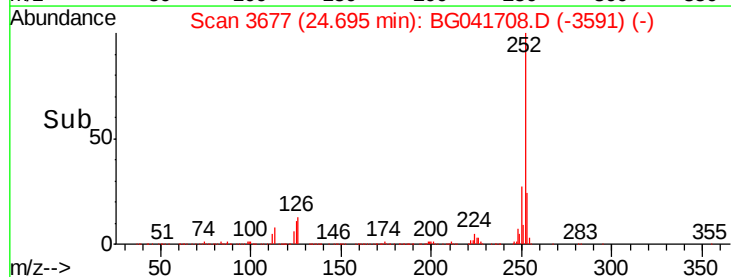
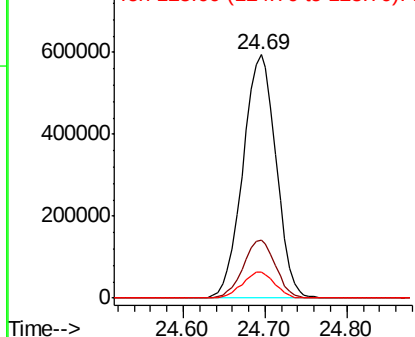


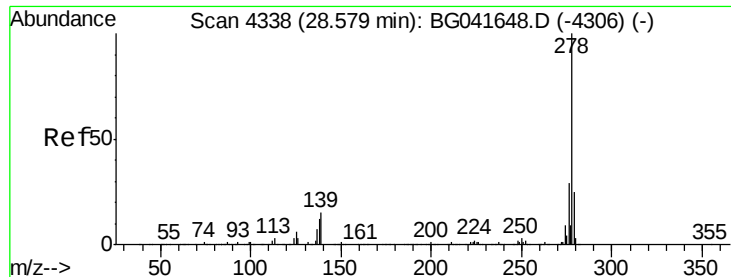
#90
Benzo(a)pyrene
Concen: 41.161 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.02 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion:252 Resp: 1672397
Ion Ratio Lower Upper
252 100
253 23.9 19.8 29.8
125 10.9 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

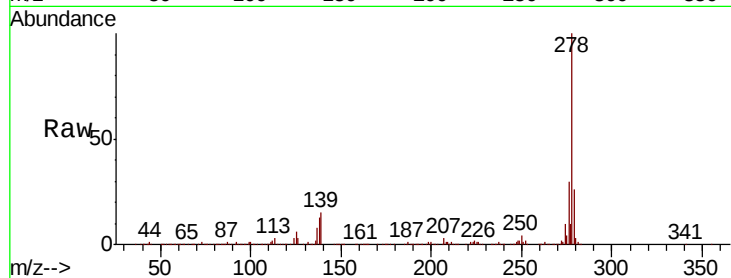




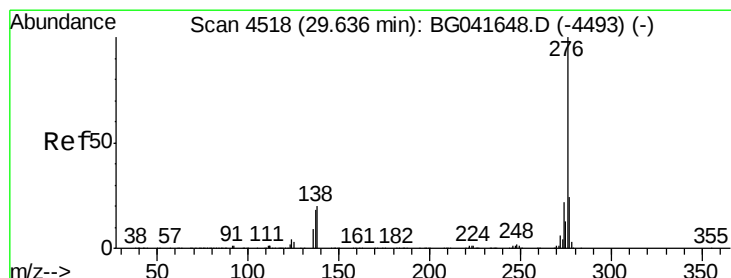
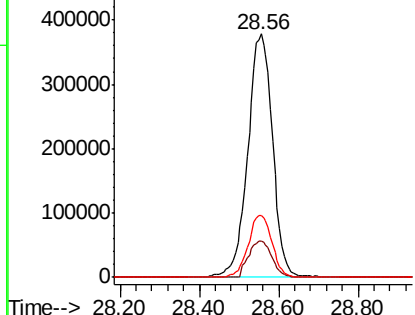
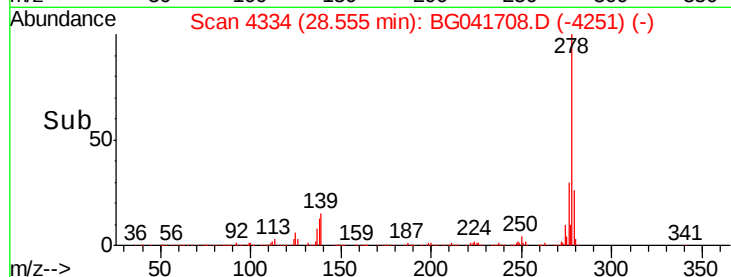
#91
Dibenzo(a,h)anthracene
Concen: 41.666 ng
RT: 28.56 min Scan# 4334
Delta R.T. -0.04 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1641435
Ion Ratio Lower Upper
278 100
139 15.1 12.6 19.0
279 25.5 20.5 30.7

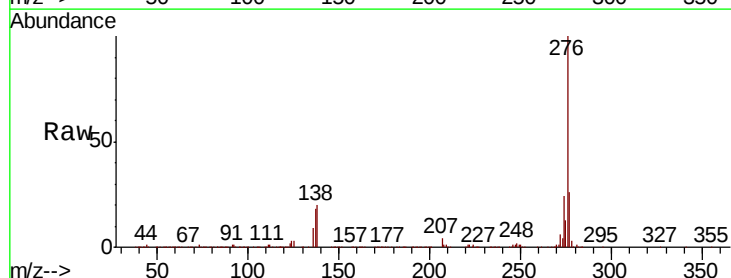


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.583 ng
RT: 29.62 min Scan# 4515
Delta R.T. -0.05 min
Lab File: BG041708.D
Acq: 18 Jul 2019 12:26

Tgt Ion:276 Resp: 1641620
Ion Ratio Lower Upper
276 100
277 25.7 19.8 29.8
138 19.8 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

