

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041809.D
 Acq On : 30 Jul 2019 19:58
 Operator : HP/JU
 Sample : PB121837BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

Quant Time: Jul 31 01:20:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	63933	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	261841	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	190822	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	573200	20.00	ng	0.00
76) Chrysene-d12	21.74	240	622064	20.00	ng	0.00
87) Perylene-d12	25.01	264	644295	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	570893	173.74	ng	0.00
7) Phenol-d6	7.20	99	749872	169.27	ng	0.00
23) Nitrobenzene-d5	9.21	82	417371	109.69	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	470239	216.95	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1168987	108.05	ng	0.00
79) Terphenyl-d14	20.07	244	2390095	87.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	69187	44.734	ng	91
3) Pyridine	3.86	79	169739	40.021	ng	91
4) n-Nitrosodimethylamine	3.77	42	82464	49.048	ng	89
6) Aniline	7.36	93	241256	38.676	ng	95
8) 2-Chlorophenol	7.61	128	216868	57.635	ng	91
9) Benzaldehyde	7.17	77	98666	31.652	ng	95
10) Phenol	7.23	94	266629	57.852	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	182741	48.231	ng	95
12) 1,3-Dichlorobenzene	7.94	146	222265	45.259	ng	97
13) 1,4-Dichlorobenzene	8.09	146	226984	46.192	ng	97
14) 1,2-Dichlorobenzene	8.40	146	217722	46.433	ng	95
15) Benzyl Alcohol	8.28	79	180637	51.829	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	302759	44.914	ng	94
17) 2-Methylphenol	8.49	107	185157	55.241	ng	98
18) Hexachloroethane	9.14	117	77978	46.339	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	153720	47.795	ng	91
20) 3+4-Methylphenols	8.81	107	256585	55.941	ng	99
22) Acetophenone	8.87	105	300650	51.334	ng	# 93
24) Nitrobenzene	9.25	77	219166	54.675	ng	99
25) Isophorone	9.78	82	417038	50.385	ng	98
26) 2-Nitrophenol	9.97	139	120501	64.772	ng	94
27) 2,4-Dimethylphenol	10.03	122	210742	64.183	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	257631	49.809	ng	99
29) 2,4-Dichlorophenol	10.51	162	246023	61.528	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	248962	49.100	ng	96
31) Naphthalene	10.92	128	629241	52.508	ng	98
32) Benzoic acid	10.12	122	42718	23.628	ng	93
33) 4-Chloroaniline	11.02	127	213051	37.489	ng	96
34) Hexachlorobutadiene	11.22	225	158054	46.185	ng	98
35) Caprolactam	11.80	113	57396	41.304	ng	# 72
36) 4-Chloro-3-methylphenol	12.15	107	251083	63.337	ng	93
37) 2-Methylnaphthalene	12.53	142	504655	53.202	ng	98
38) 1-Methylnaphthalene	12.75	142	481342	53.547	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	312046	51.661	ng	99

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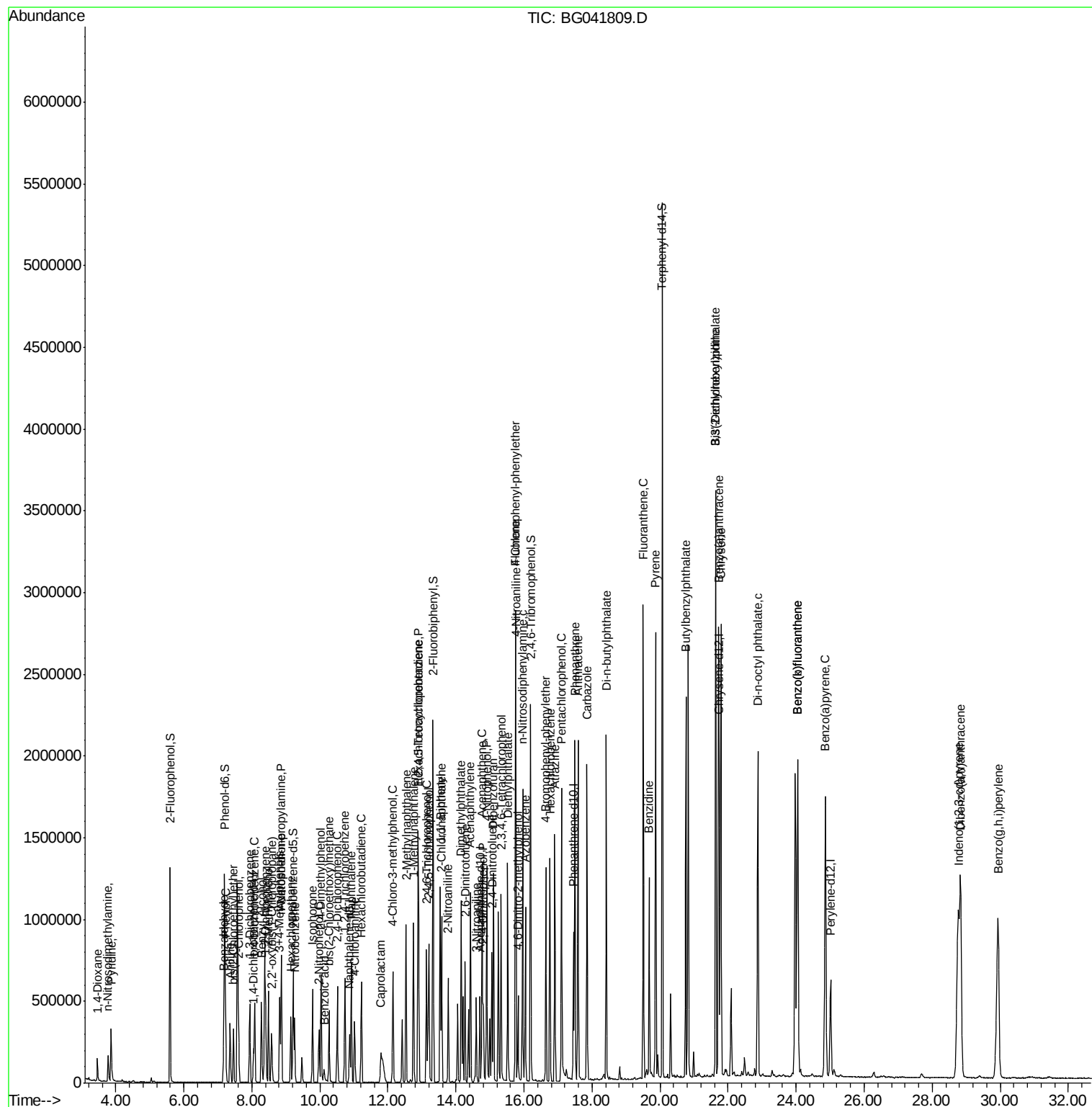
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	328179	96.636	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	233165	61.074	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	258604	65.183	ng	96
46) 1,1'-Biphenyl	13.54	154	658993	53.723	ng	94
47) 2-Chloronaphthalene	13.58	162	545663	52.248	ng	96
48) 2-Nitroaniline	13.77	65	172924	65.285	ng	89
49) Acenaphthylene	14.42	152	892320	57.119	ng	97
50) Dimethylphthalate	14.15	163	767592	58.899	ng	99
51) 2,6-Dinitrotoluene	14.27	165	186426	68.411	ng	90
52) Acenaphthene	14.77	154	609380	59.975	ng	99
53) 3-Nitroaniline	14.60	138	146075	50.106	ng	# 92
54) 2,4-Dinitrophenol	14.80	184	176989	98.553	ng	89
55) Dibenzofuran	15.10	168	905318	58.253	ng	95
56) 4-Nitrophenol	14.91	139	402261	181.776	ng	94
57) 2,4-Dinitrotoluene	15.05	165	275547	73.527	ng	97
58) Fluorene	15.75	166	754051	60.460	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	286626	72.946	ng	93
60) Diethylphthalate	15.52	149	802027	62.684	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	434024	57.004	ng	95
62) 4-Nitroaniline	15.76	138	230872	73.113	ng	98
63) Azobenzene	16.04	77	624769	59.776	ng	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	162801	56.598	ng	87
66) n-Nitrosodiphenylamine	15.96	169	743780	47.637	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	314459	44.536	ng	97
68) Hexachlorobenzene	16.76	284	324624	43.947	ng	94
69) Atrazine	16.90	200	321343	52.382	ng	98
70) Pentachlorophenol	17.10	266	430588	102.612	ng	99
71) Phenanthrene	17.50	178	1378022	50.155	ng	97
72) Anthracene	17.59	178	1404617	51.260	ng	97
73) Carbazole	17.85	167	1338083	54.406	ng	97
74) Di-n-butylphthalate	18.42	149	1504538	53.960	ng	97
75) Fluoranthene	19.51	202	1800966	53.927	ng	96
77) Benzidine	19.68	184	742956	36.591	ng	97
78) Pyrene	19.87	202	1826974	49.570	ng	96
80) Butylbenzylphthalate	20.76	149	748115	52.942	ng	89
81) Benzo(a)anthracene	21.72	228	1818831	49.419	ng	97
82) 3,3'-Dichlorobenzidine	21.63	252	538378	36.434	ng	97
83) Chrysene	21.79	228	1789057	50.711	ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	1033922	53.043	ng	99
85) Di-n-octyl phthalate	22.87	149	1776885	54.166	ng	# 92
86) Indeno(1,2,3-cd)pyrene	28.77	276	2416682	51.747	ng	# 89
88) Benzo(b)fluoranthene	24.05	252	1996177	56.636	ng	98
89) Benzo(k)fluoranthene	24.05	252	1996177	58.142	ng	# 98
90) Benzo(a)pyrene	24.86	252	2017330	59.678	ng	# 98
91) Dibenzo(a,h)anthracene	28.83	278	1992787	60.039	ng	# 96
92) Benzo(g,h,i)perylene	29.94	276	2015887	60.791	ng	# 95

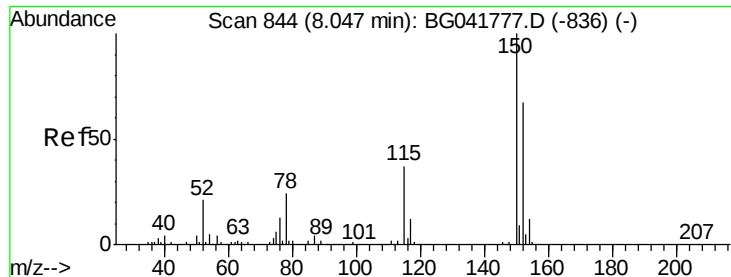
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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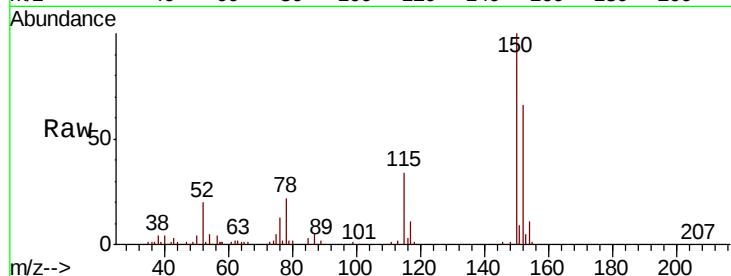


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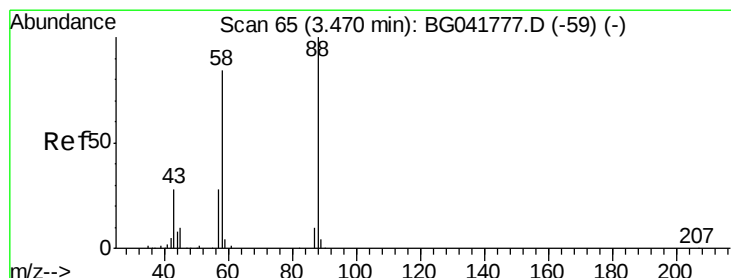
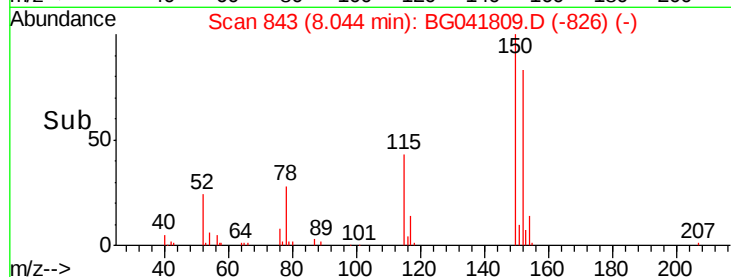
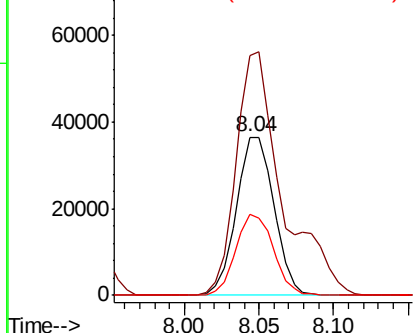
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

Tgt Ion:152 Resp: 63933
 Ion Ratio Lower Upper
 152 100
 150 151.6 126.9 190.3
 115 51.2 45.0 67.6



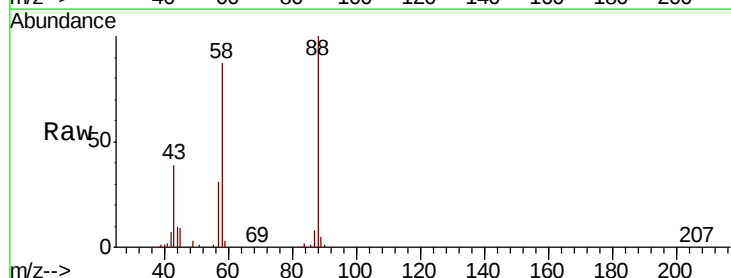
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



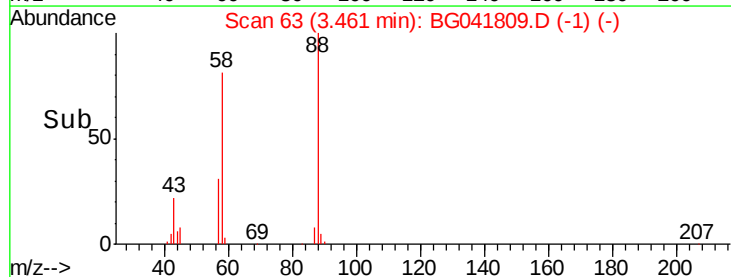
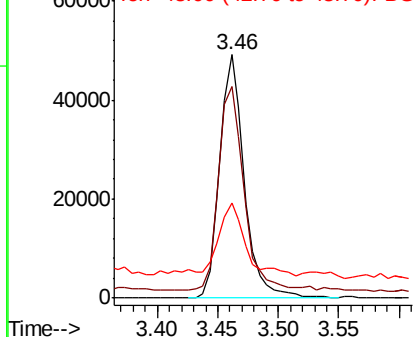
#2

1,4-Dioxane
 Concen: 44.734 ng
 RT: 3.46 min Scan# 63
 Delta R.T. -0.01 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Tgt Ion: 88 Resp: 69187
 Ion Ratio Lower Upper
 88 100
 58 84.7 76.2 114.2
 43 36.6 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

Pyridine

Concen: 40.021 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

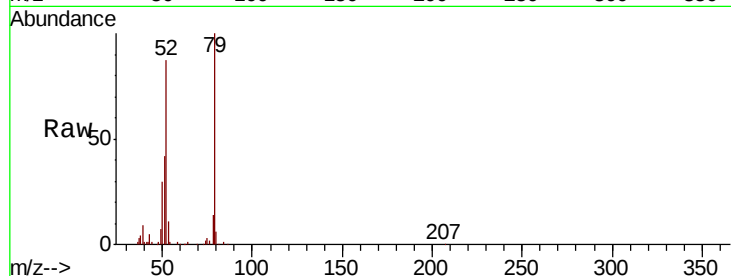
Tgt Ion: 79 Resp: 169739

Ion Ratio Lower Upper

79 100

52 86.8 77.1 115.7

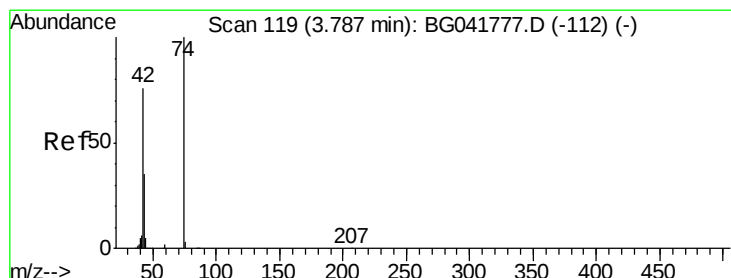
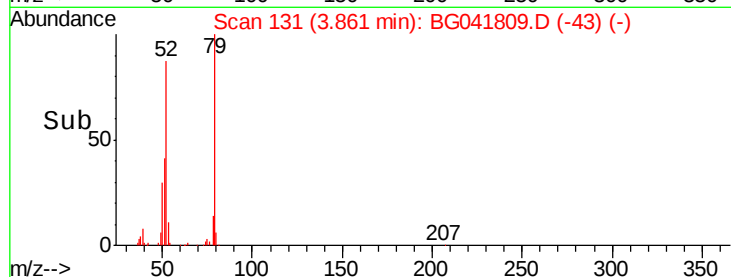
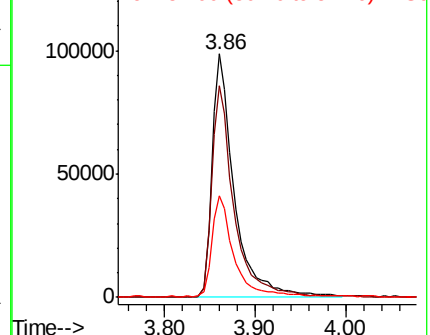
51 41.7 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 49.048 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG041809.D

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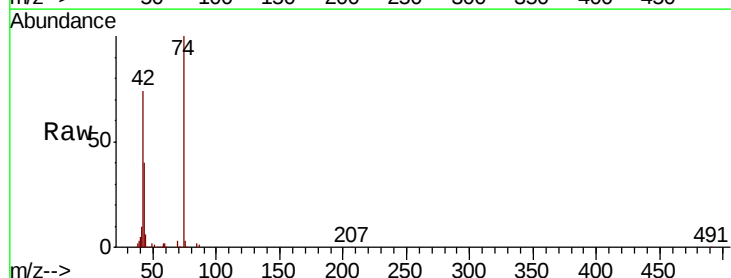
Tgt Ion: 42 Resp: 82464

Ion Ratio Lower Upper

42 100

74 134.3 97.4 146.2

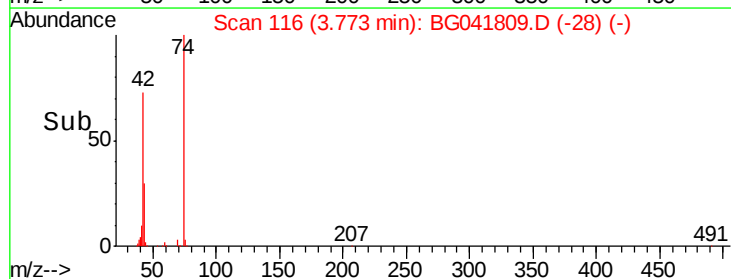
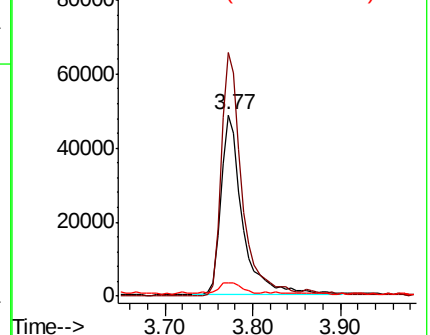
44 7.6 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 173.735 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

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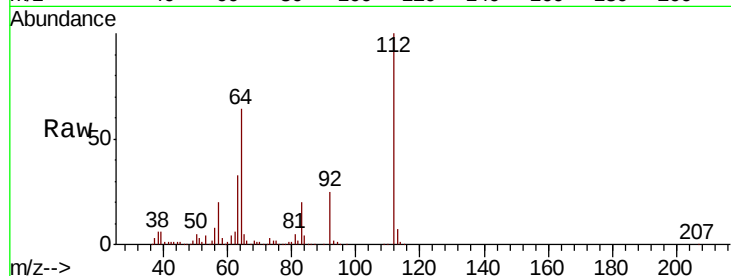
Tgt Ion: 112 Resp: 570893

Ion Ratio Lower Upper

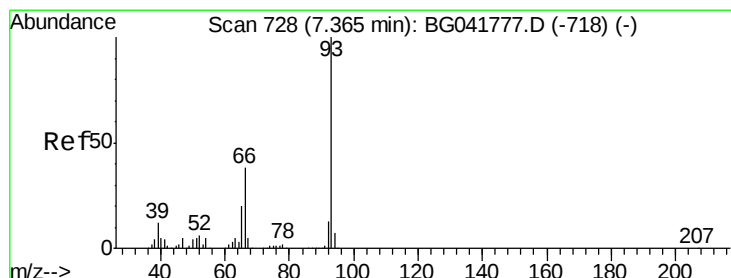
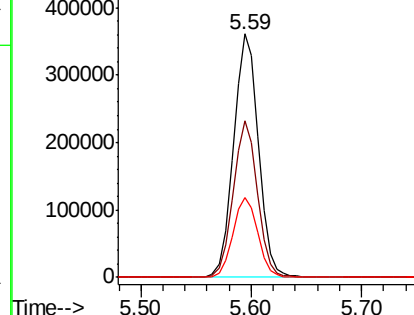
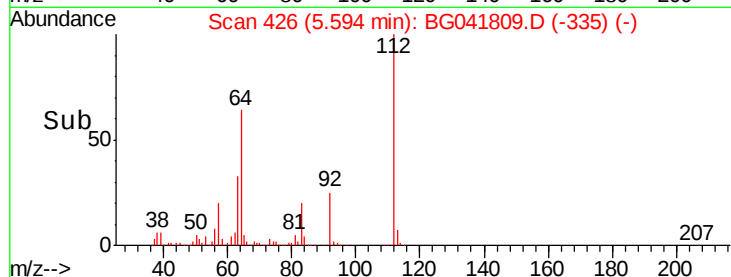
112 100

64 64.4 55.4 83.2

63 32.8 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: 38.676 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG041809.D

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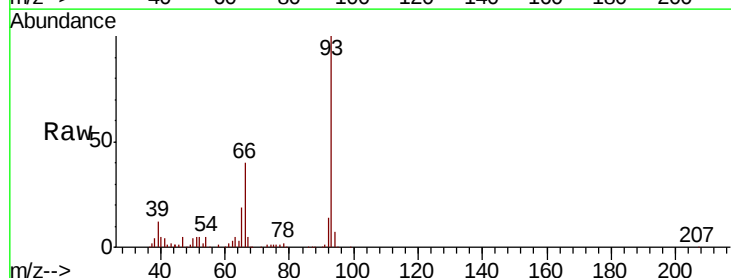
Tgt Ion: 93 Resp: 241256

Ion Ratio Lower Upper

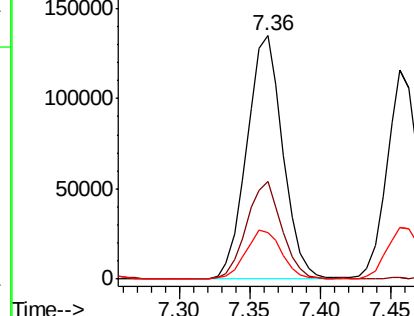
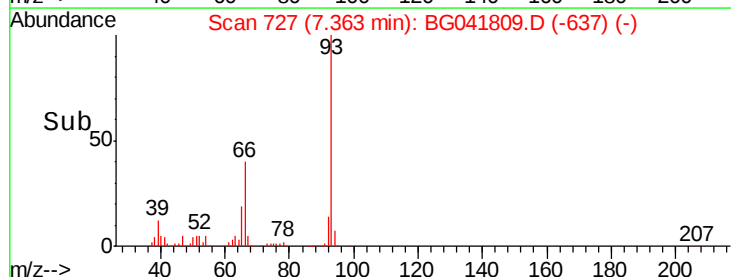
93 100

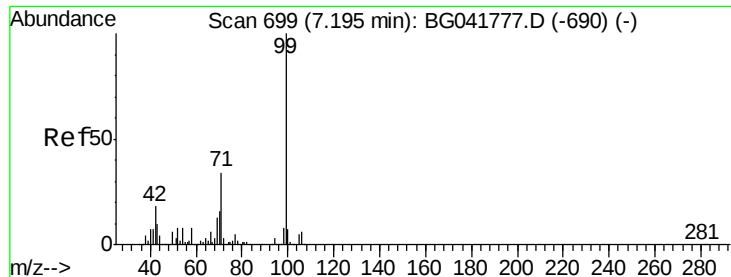
66 39.9 34.2 51.2

65 19.2 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: 169.269 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

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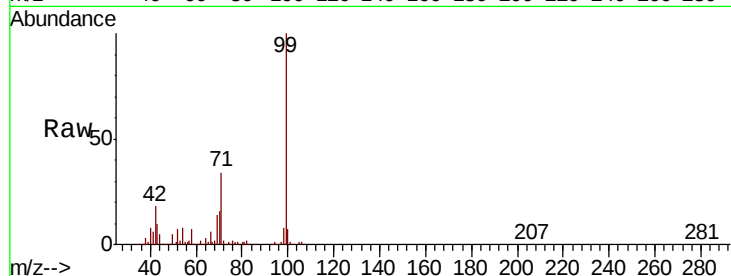
Tgt Ion: 99 Resp: 749872

Ion Ratio Lower Upper

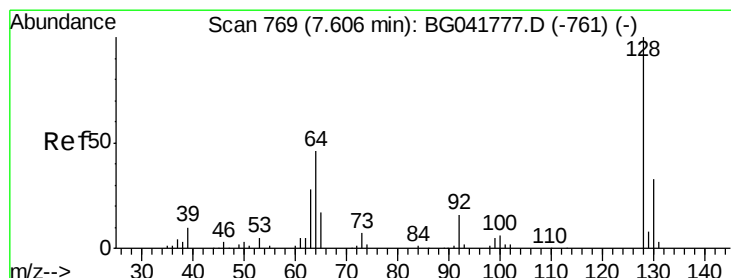
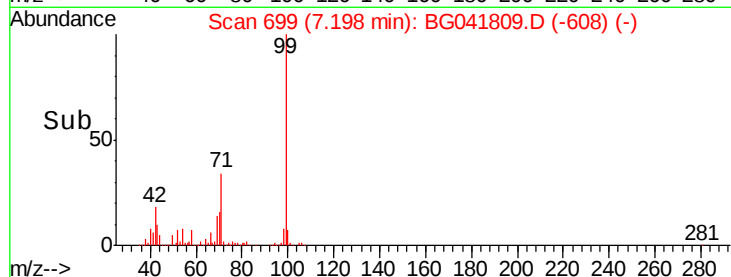
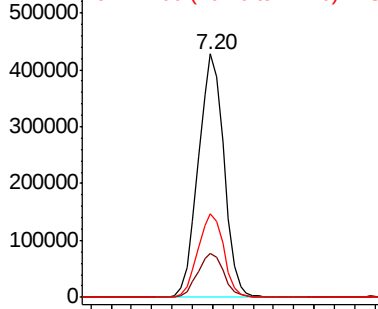
99 100

42 18.3 17.6 26.4

71 34.4 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: 57.635 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG041809.D

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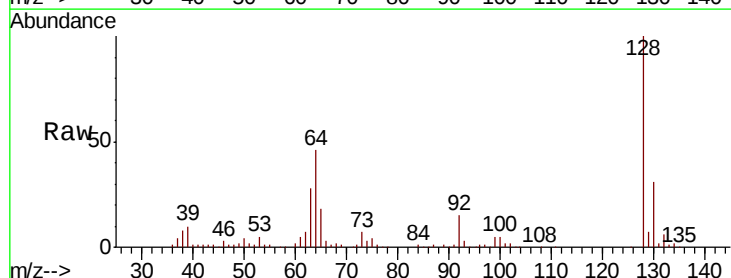
Tgt Ion: 128 Resp: 216868

Ion Ratio Lower Upper

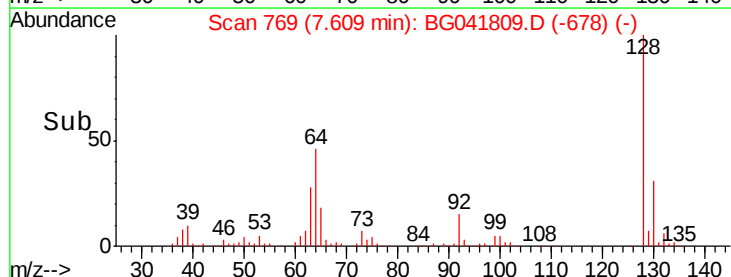
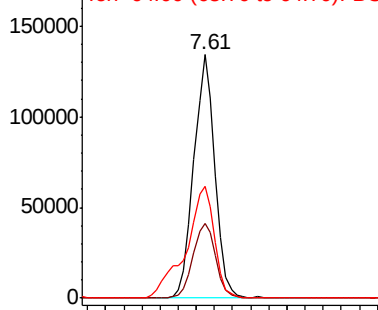
128 100

130 30.8 12.4 52.4

64 45.8 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: 31.652 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

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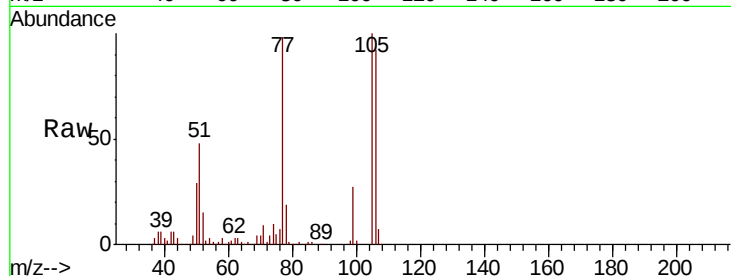
Tgt Ion: 77 Resp: 98666

Ion Ratio Lower Upper

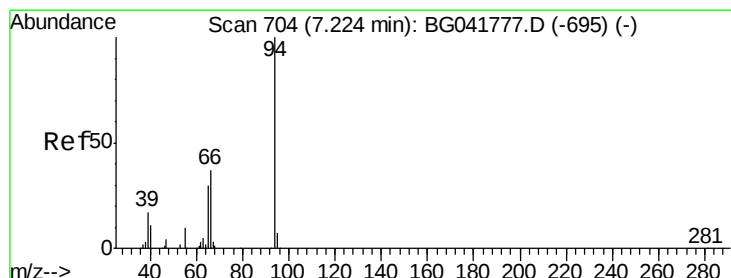
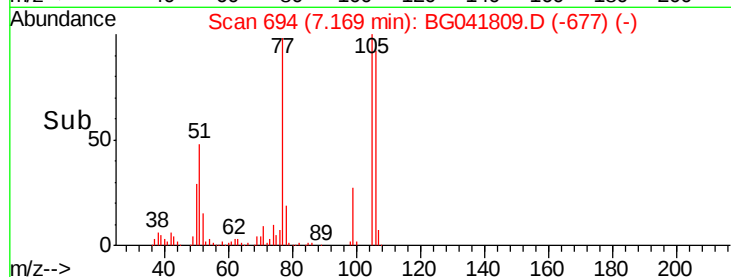
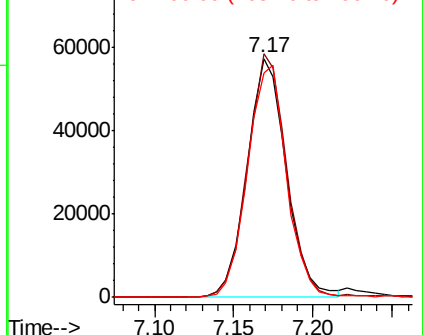
77 100

105 101.9 74.6 114.6

106 94.1 71.1 111.1



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



#10

Phenol

Concen: 57.852 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

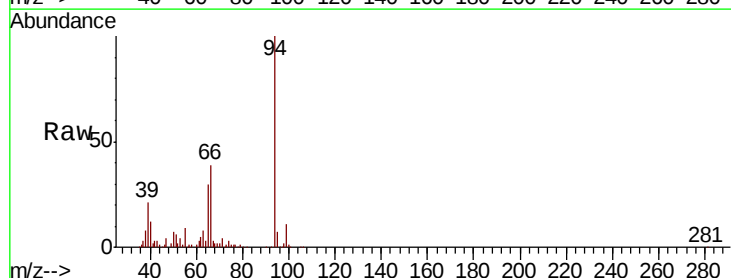
Tgt Ion: 94 Resp: 266629

Ion Ratio Lower Upper

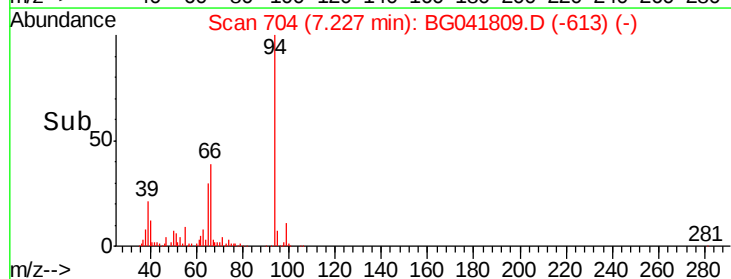
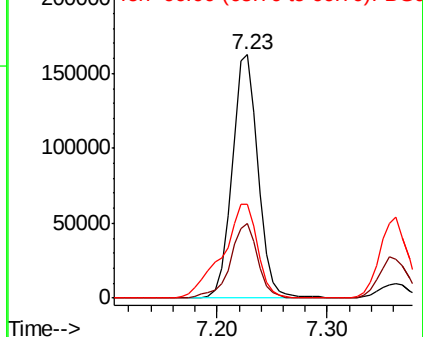
94 100

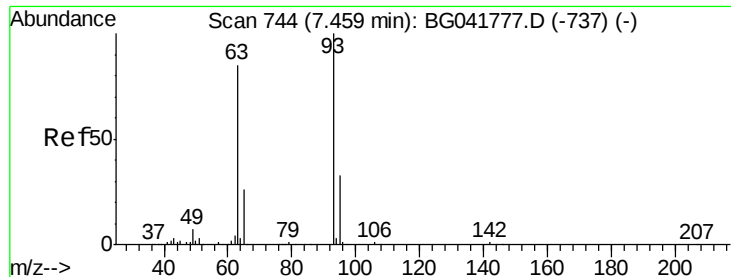
65 30.5 10.6 50.6

66 38.8 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

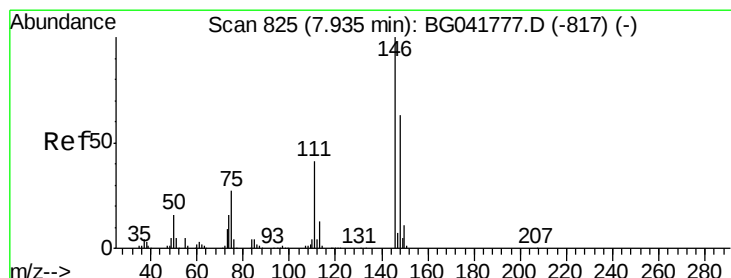
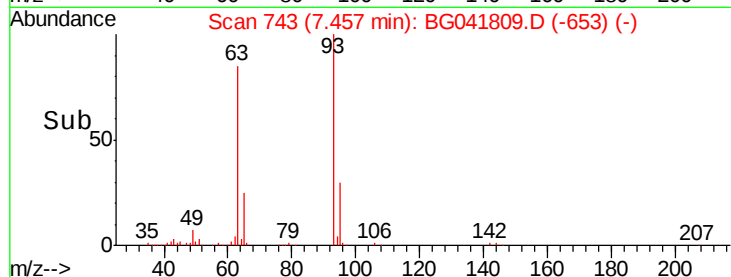
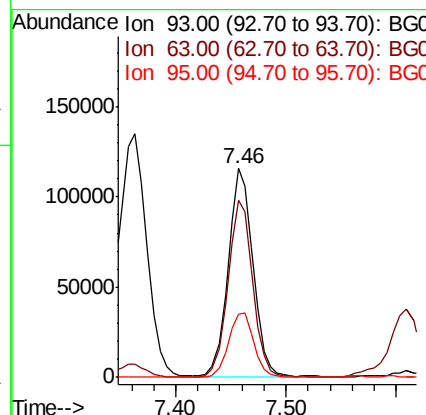
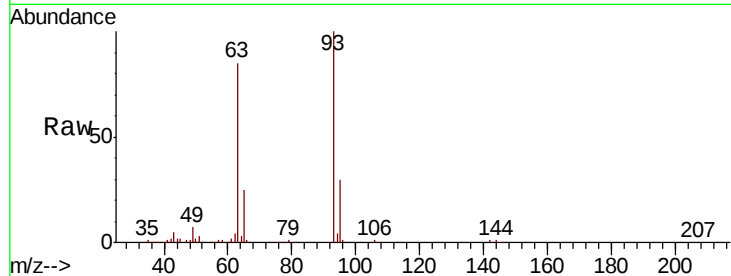




#11
bis(2-Chloroethyl)ether
Concen: 48.231 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

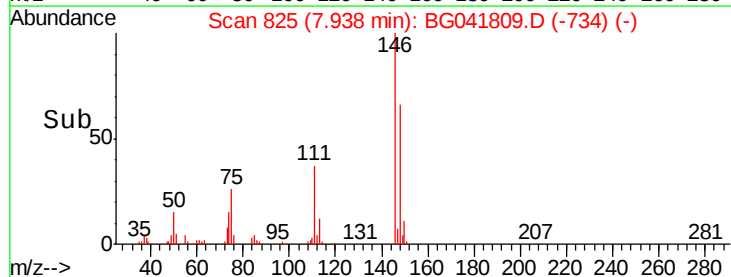
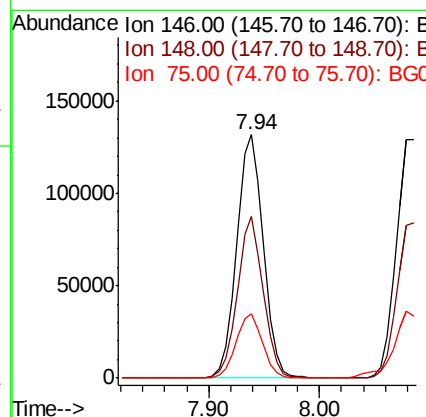
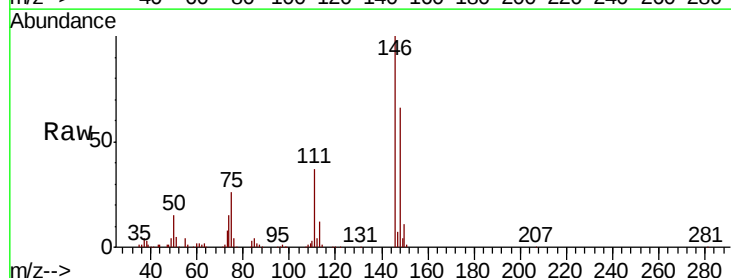
Instrument :
BNA_G
ClientSampleId :
PB121837BS

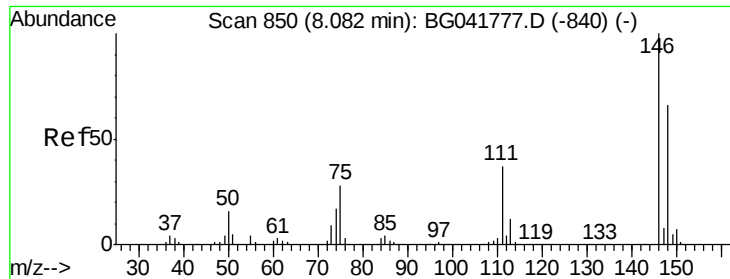
Tgt Ion: 93 Resp: 182741
Ion Ratio Lower Upper
93 100
63 84.9 70.4 110.4
95 30.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.259 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Tgt Ion: 146 Resp: 222265
Ion Ratio Lower Upper
146 100
148 66.4 51.5 77.3
75 26.3 23.2 34.8

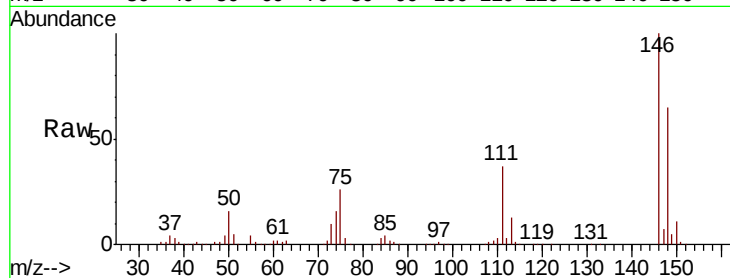




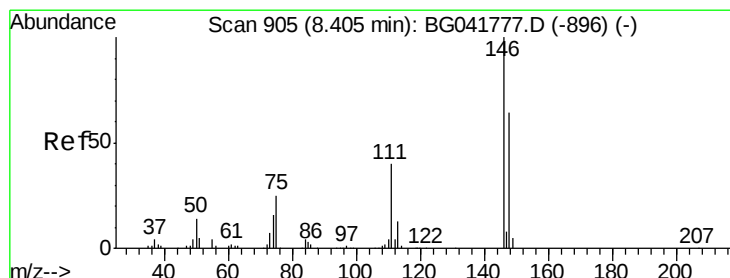
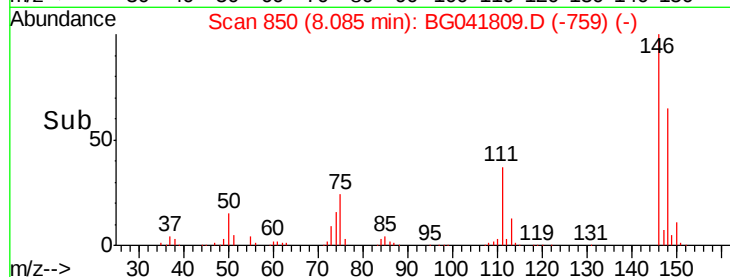
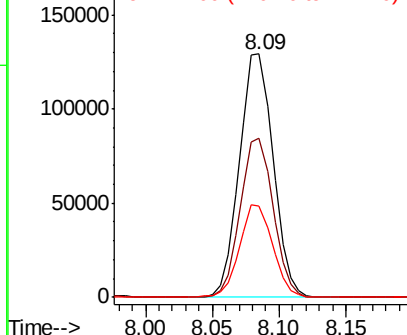
#13
 1,4-Dichlorobenzene
 Concen: 46.192 ng
 RT: 8.09 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

Tgt Ion:146 Resp: 226984
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.6 79.0
 111 37.4 32.5 48.7

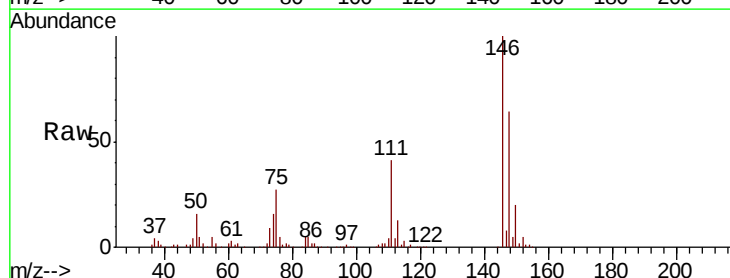


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

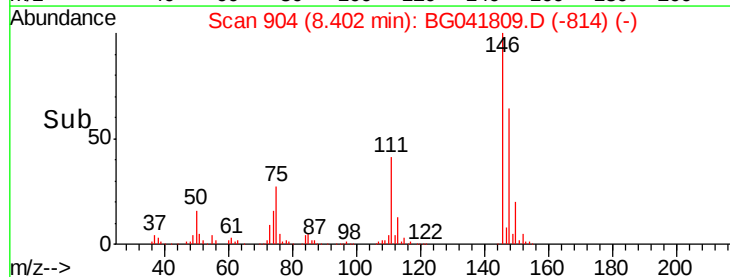
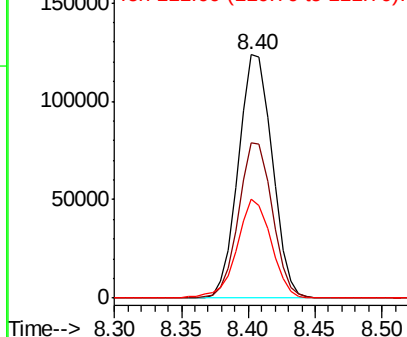


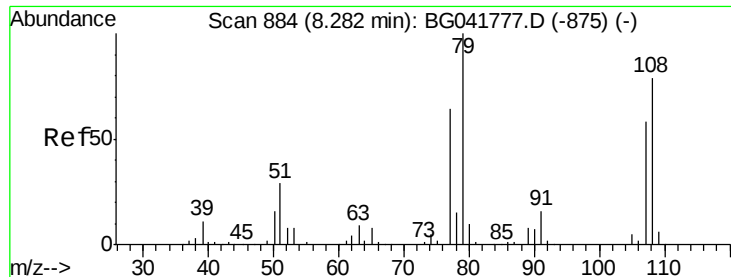
#14
 1,2-Dichlorobenzene
 Concen: 46.433 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Tgt Ion:146 Resp: 217722
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.5 80.3
 111 40.5 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: 51.829 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

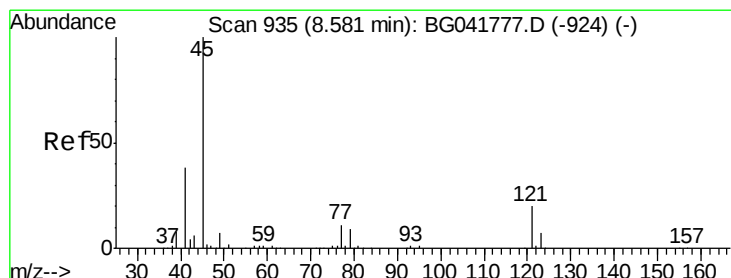
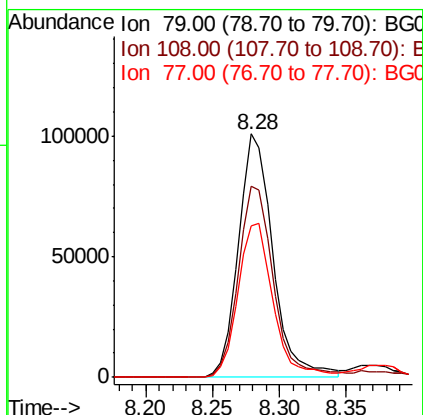
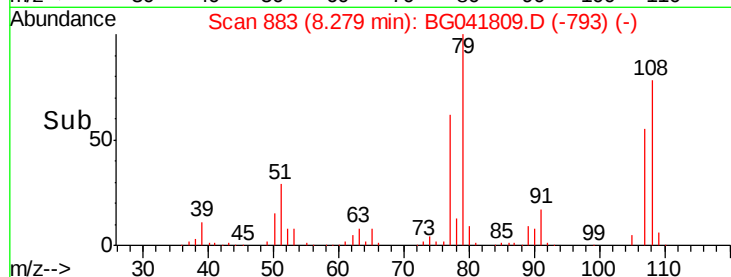
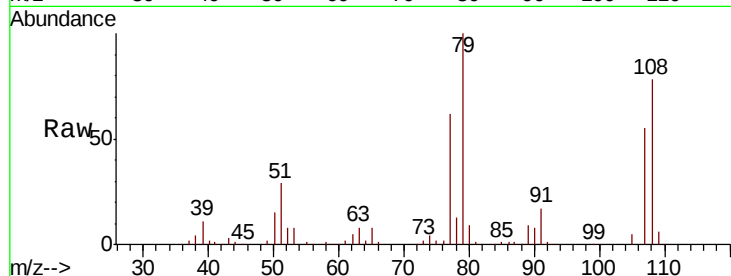
Tgt Ion: 79 Resp: 180637

Ion Ratio Lower Upper

79 100

108 78.4 60.5 90.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.914 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

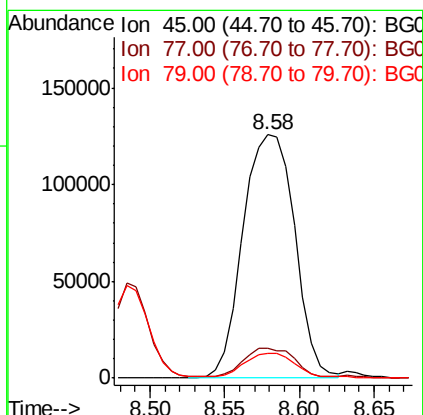
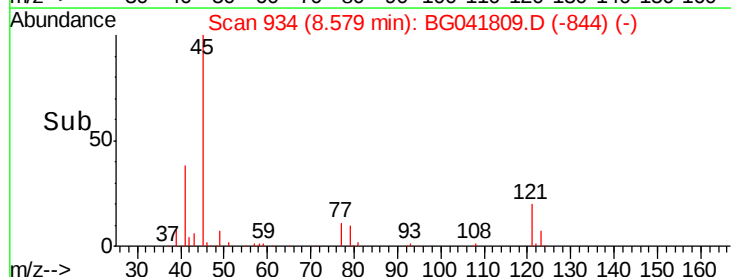
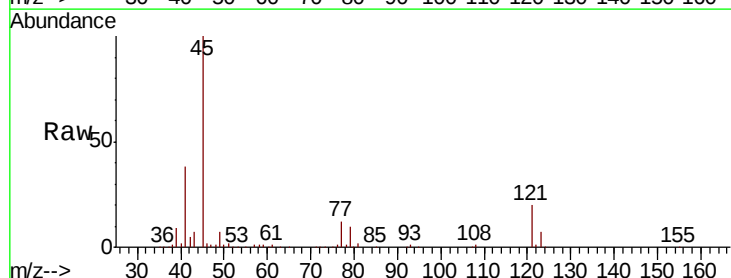
Tgt Ion: 45 Resp: 302759

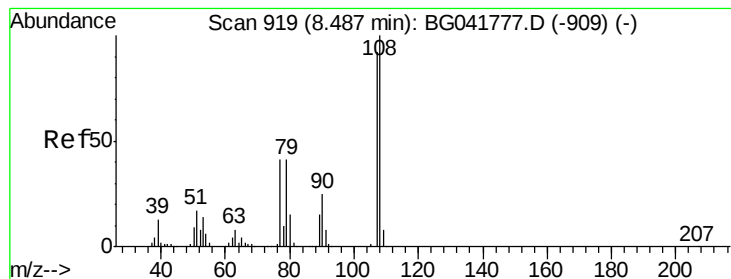
Ion Ratio Lower Upper

45 100

77 12.4 0.0 30.4

79 10.2 0.0 27.9





#17

2-Methylphenol

Concen: 55.241 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

Tgt Ion:107 Resp: 185157

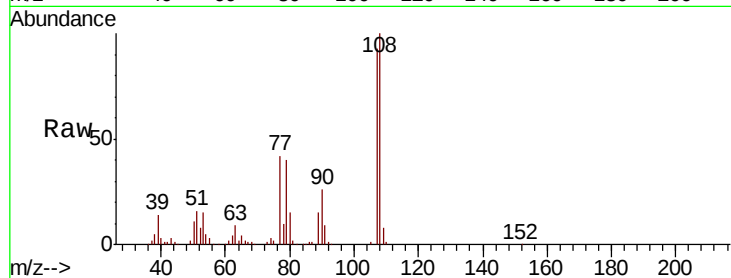
Ion Ratio Lower Upper

107 100

108 107.0 87.6 131.4

77 44.4 36.1 54.1

79 42.8 36.4 54.6



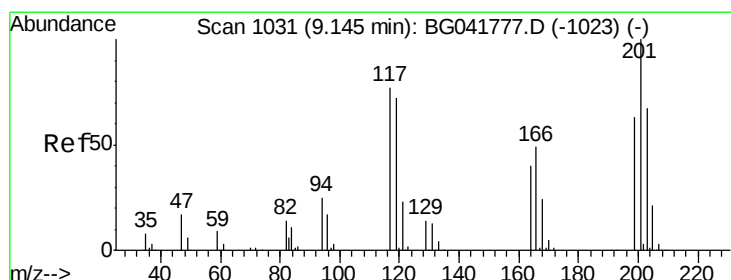
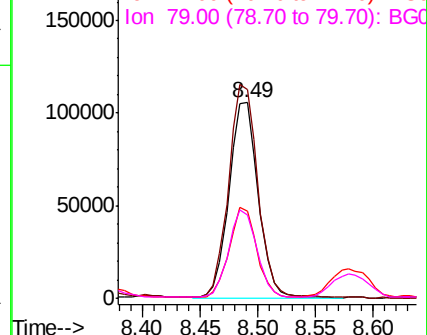
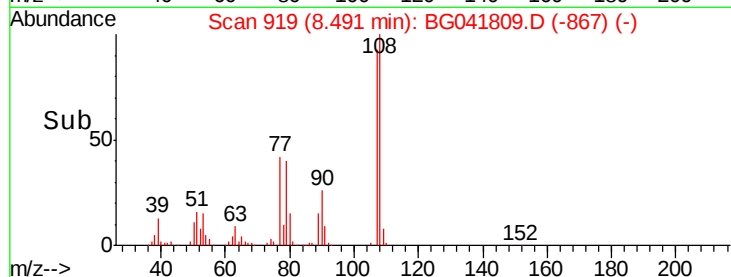
Abundance

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): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.339 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

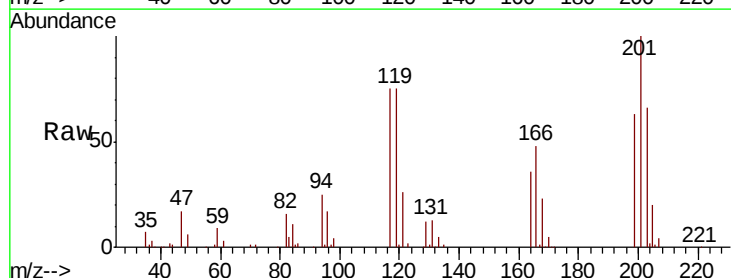
Tgt Ion:117 Resp: 77978

Ion Ratio Lower Upper

117 100

119 99.2 76.2 114.2

201 132.8 94.1 141.1

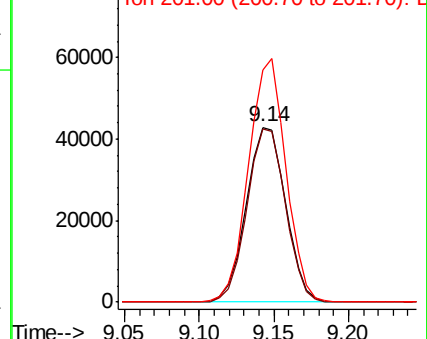
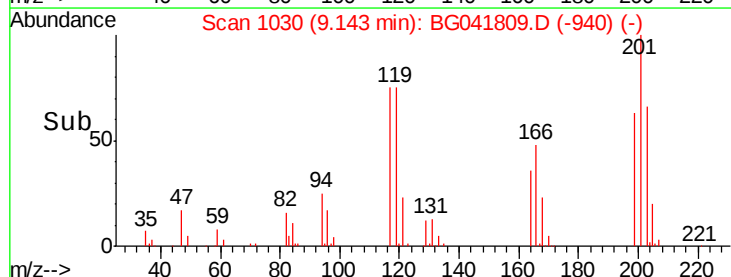


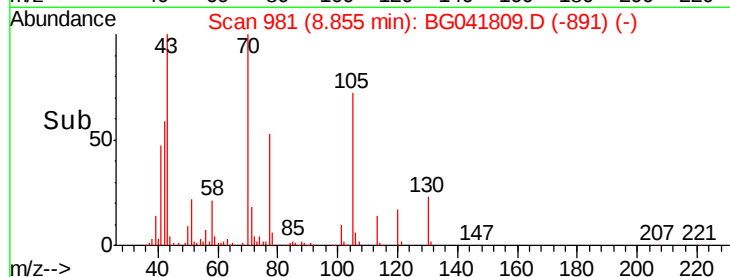
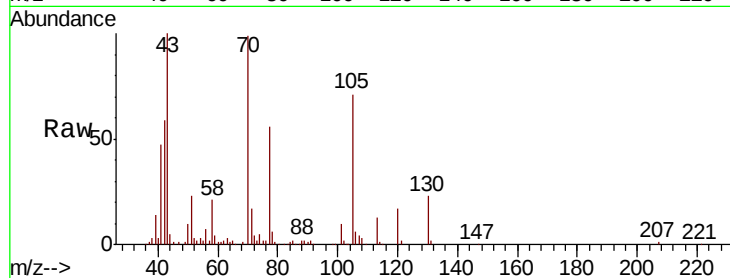
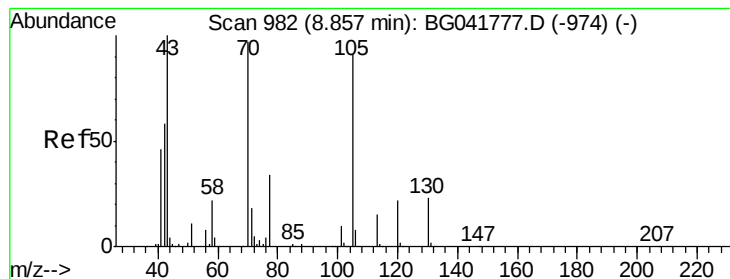
Abundance

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: 47.795 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

Tgt Ion: 70 Resp: 153720

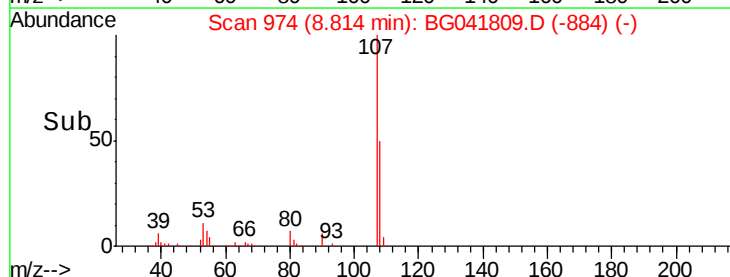
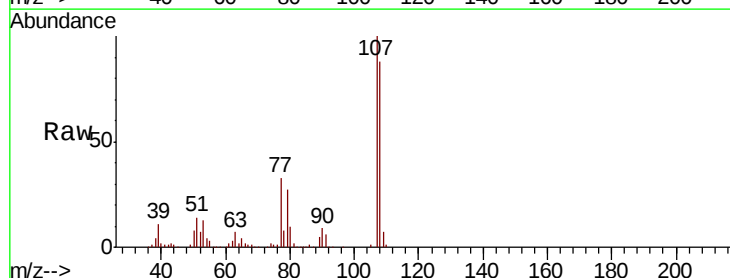
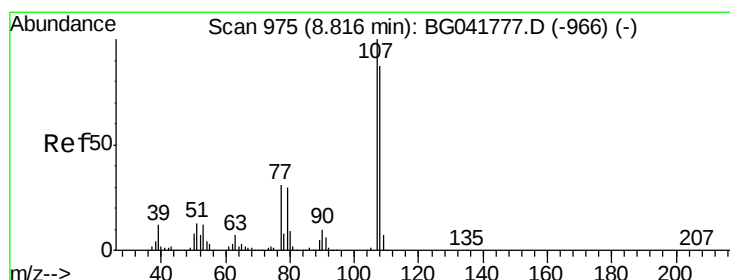
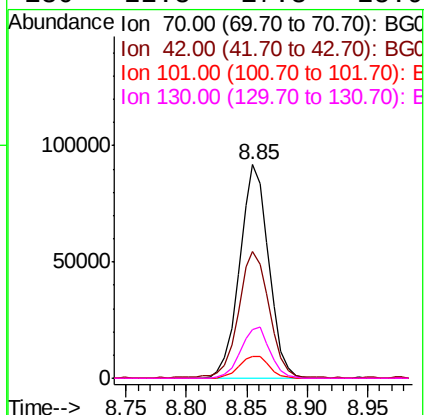
Ion Ratio Lower Upper

70 100

42 59.6 55.8 83.6

101 10.3 8.1 12.1

130 22.8 17.3 25.9



#20

3+4-Methylphenols

Concen: 55.941 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Tgt Ion: 107 Resp: 256585

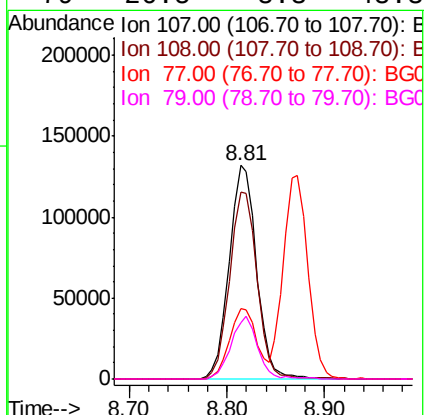
Ion Ratio Lower Upper

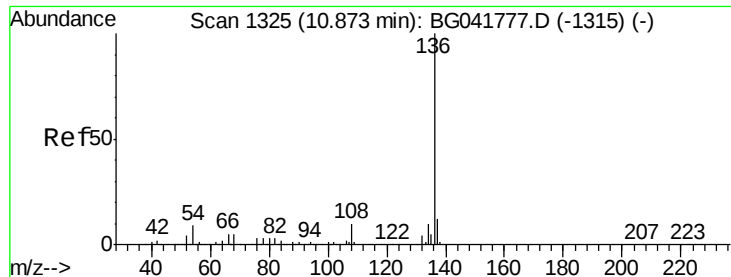
107 100

108 87.6 67.5 107.5

77 32.8 12.3 52.3

79 26.5 8.3 48.3

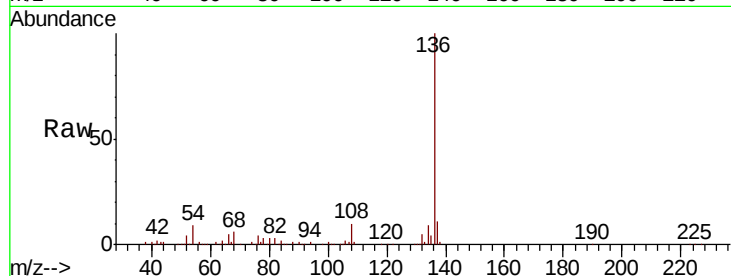




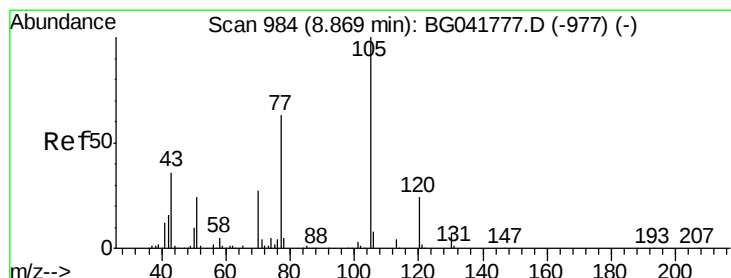
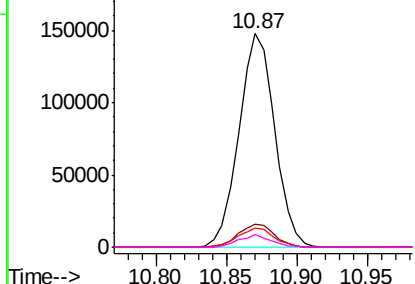
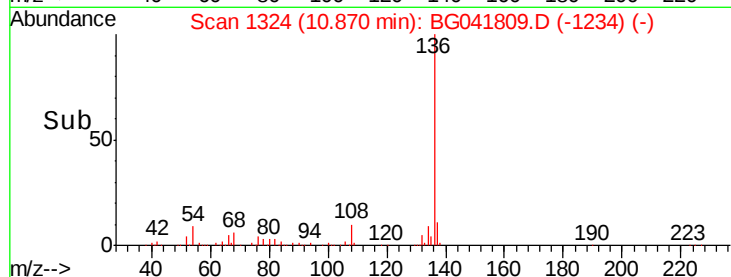
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Instrument :
BNA_G
ClientSampleId :
PB121837BS

Tgt Ion:	136	Resp:	261841
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.8	8.7	13.1
68	6.1	5.5	8.3

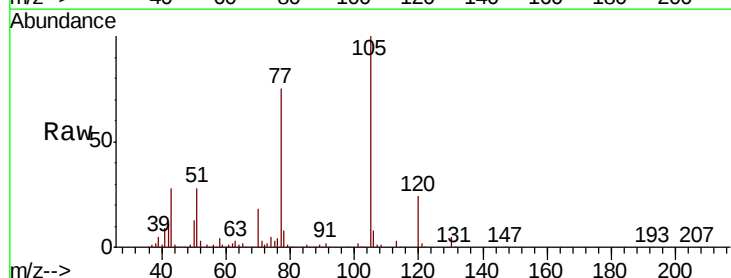


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

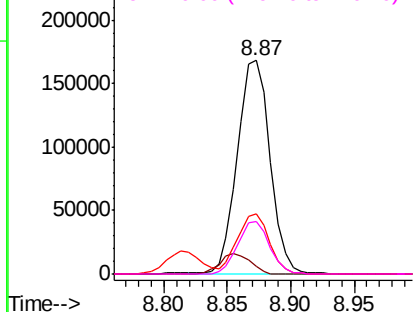
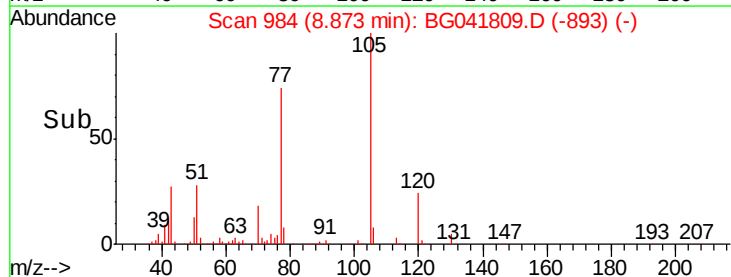


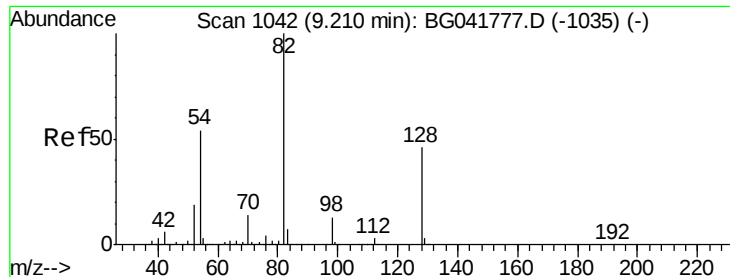
#22
Acetophenone
Concen: 51.334 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Tgt Ion:	105	Resp:	300650
Ion	Ratio	Lower	Upper
105	100		
71	3.4	5.9	8.9#
51	28.3	27.7	41.5
120	24.4	19.3	28.9



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





#23

Nitrobenzene-d5

Concen: 109.692 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

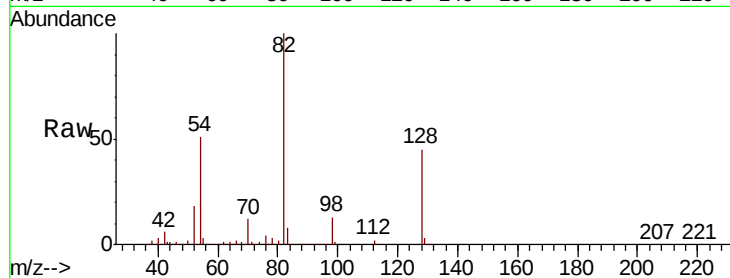
Tgt Ion: 82 Resp: 417371

Ion Ratio Lower Upper

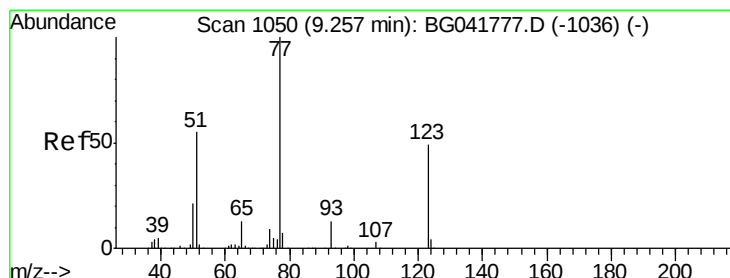
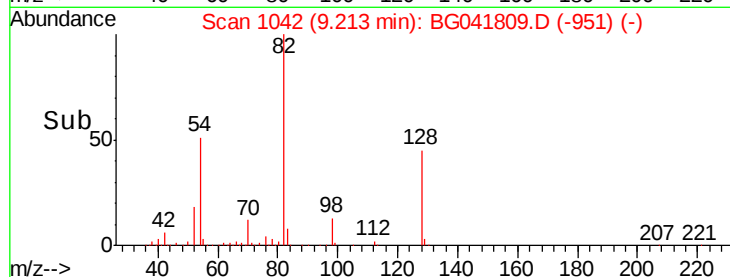
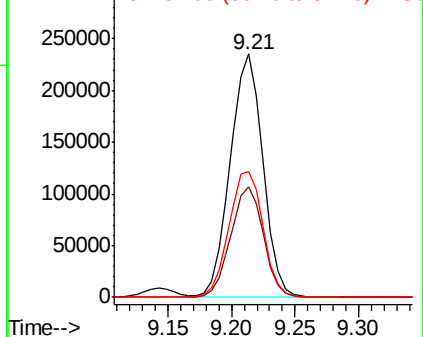
82 100

128 45.3 35.1 52.7

54 51.5 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: 54.675 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

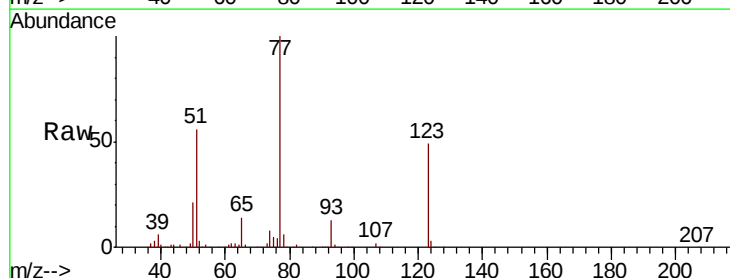
Tgt Ion: 77 Resp: 219166

Ion Ratio Lower Upper

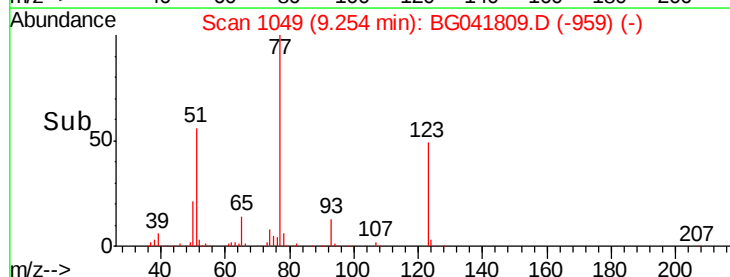
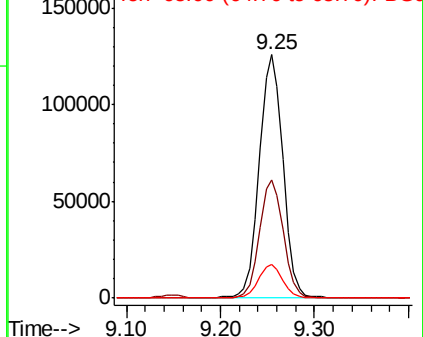
77 100

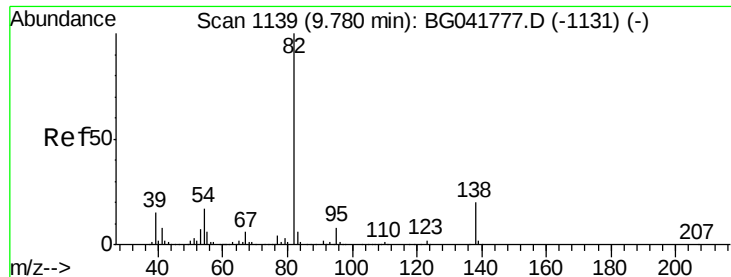
123 48.6 38.1 57.1

65 14.1 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 50.385 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

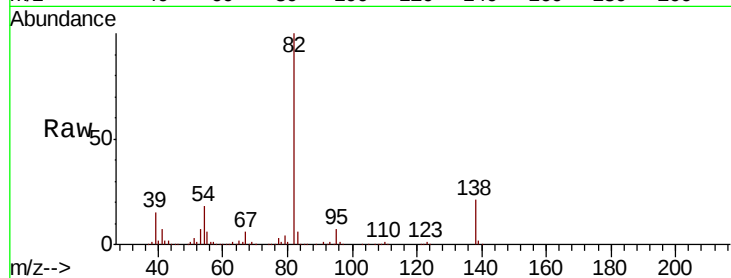
Tgt Ion: 82 Resp: 417038

Ion Ratio Lower Upper

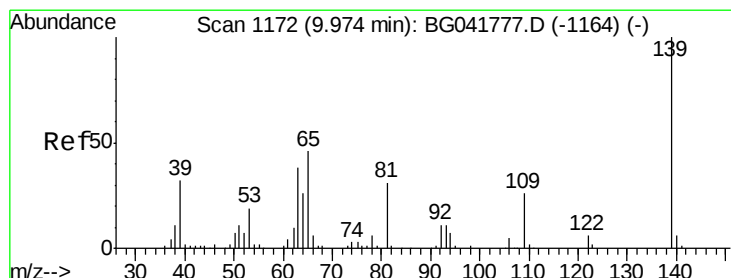
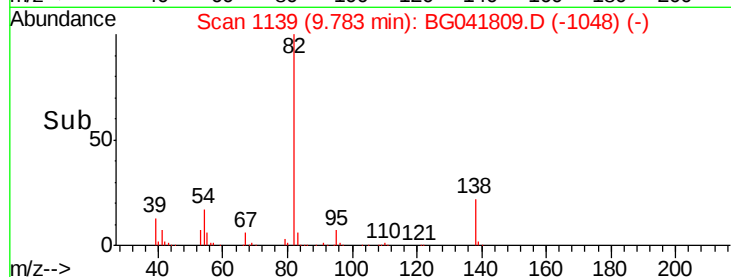
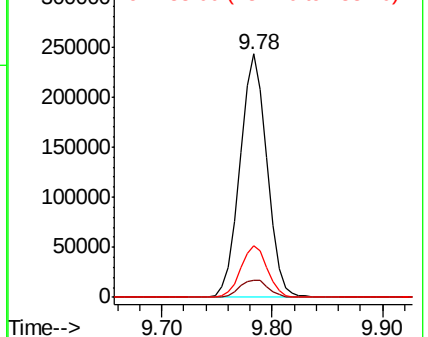
82 100

95 7.2 5.9 8.9

138 21.4 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: 64.772 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

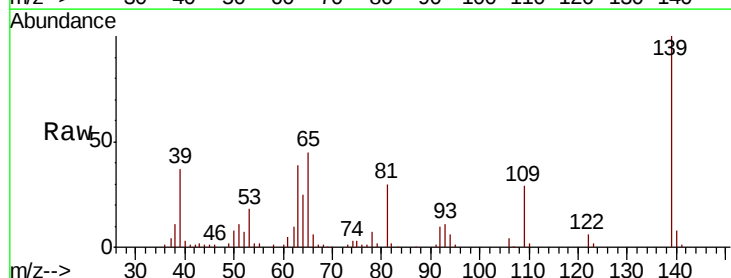
Tgt Ion: 139 Resp: 120501

Ion Ratio Lower Upper

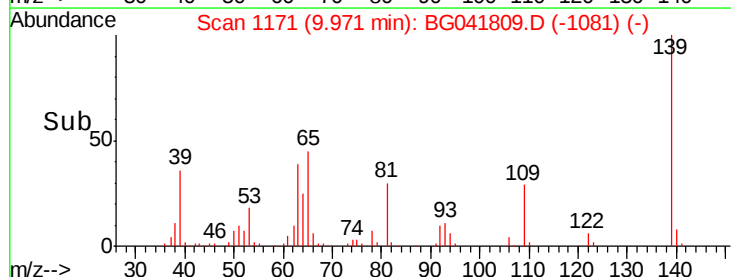
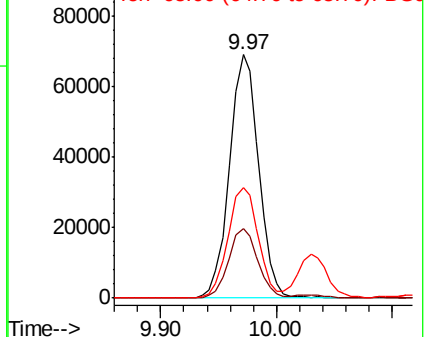
139 100

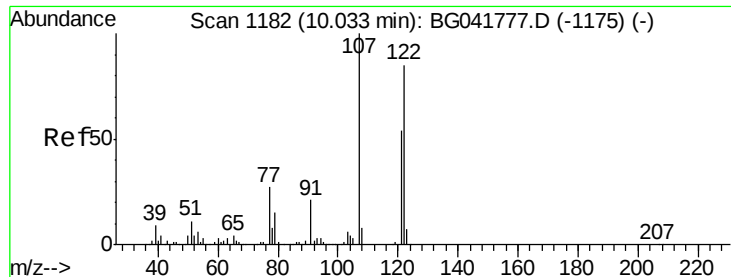
109 28.8 22.7 34.1

65 45.2 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

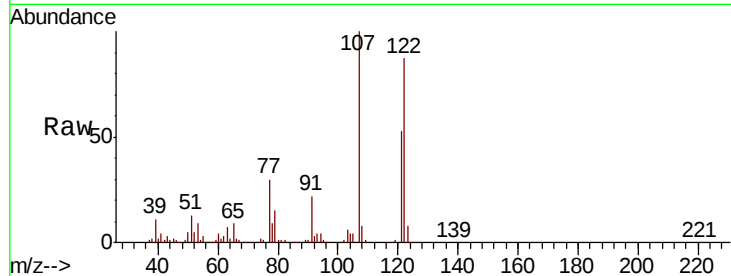




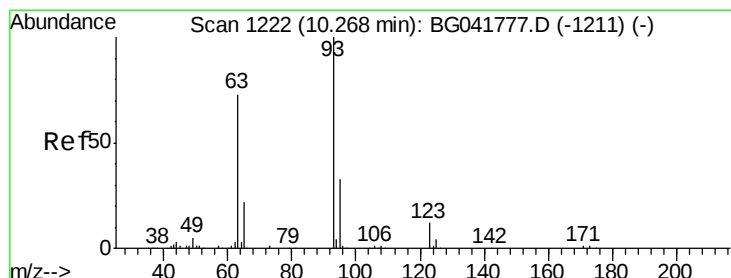
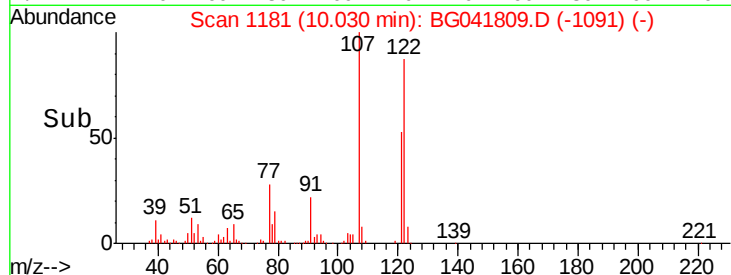
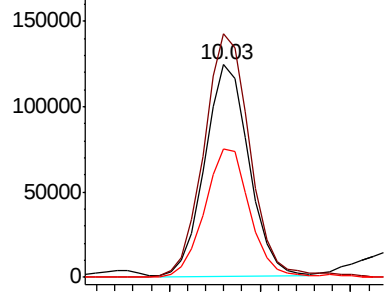
#27
 2,4-Dimethylphenol
 Concen: 64.183 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

Tgt Ion: 122 Resp: 210742
 Ion Ratio Lower Upper
 122 100
 107 114.6 91.3 136.9
 121 60.4 49.2 73.8

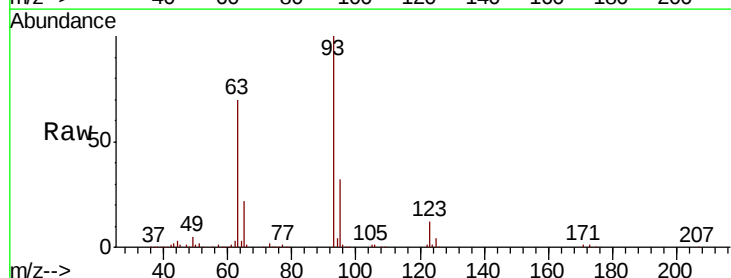


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

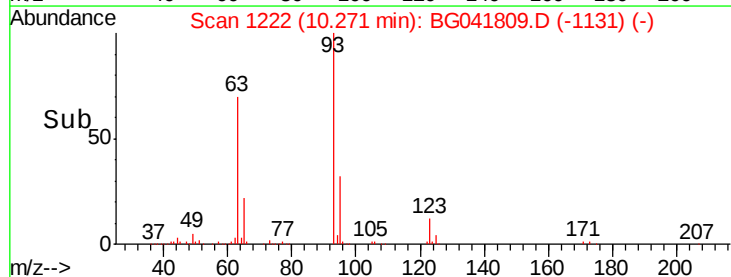
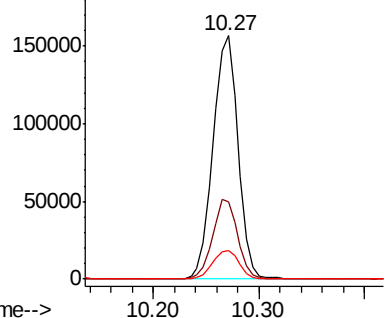


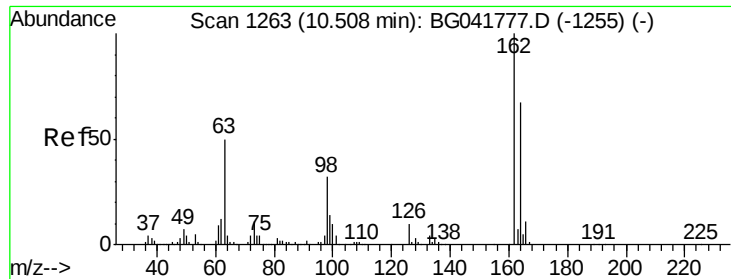
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.809 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Tgt Ion: 93 Resp: 257631
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.2 39.4
 123 12.0 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

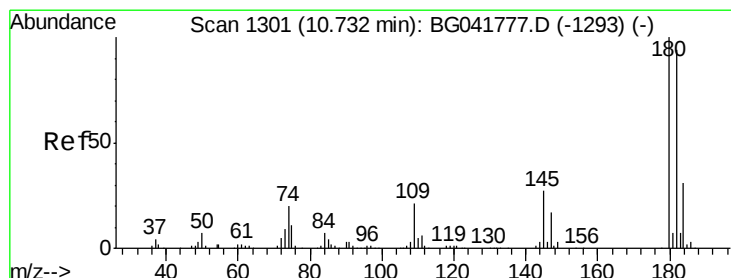
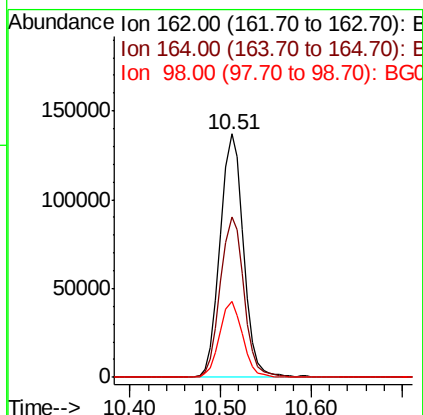
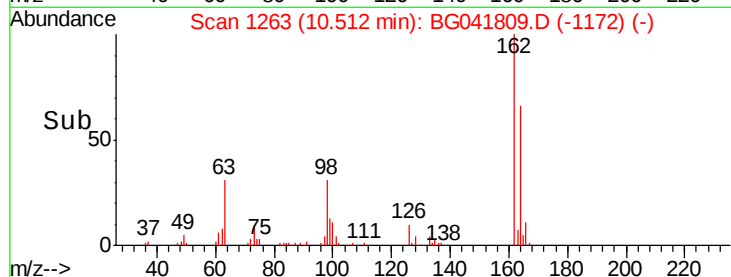
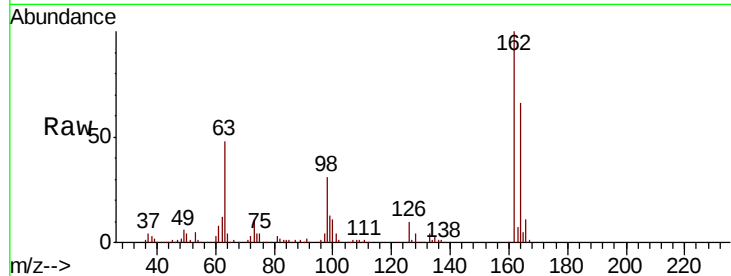




#29
2,4-Dichlorophenol
Concen: 61.528 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

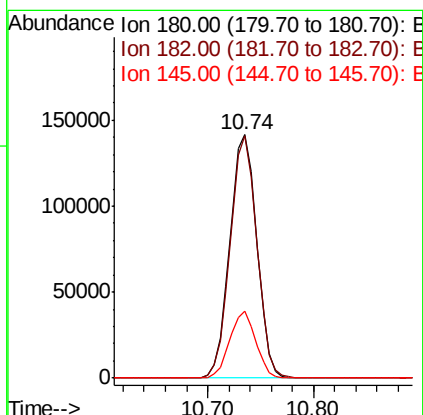
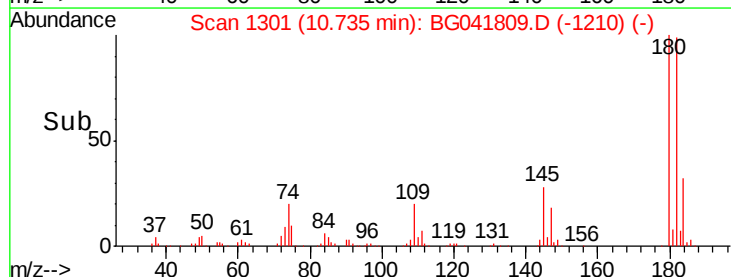
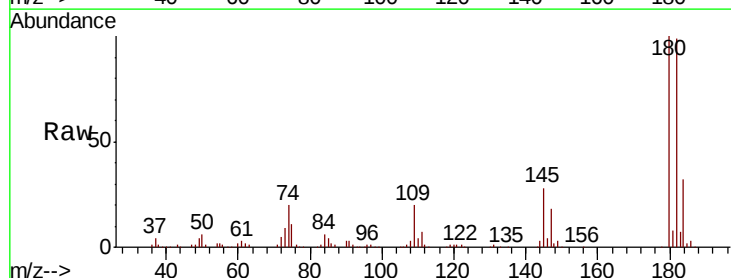
Instrument :
BNA_G
ClientSampleId :
PB121837BS

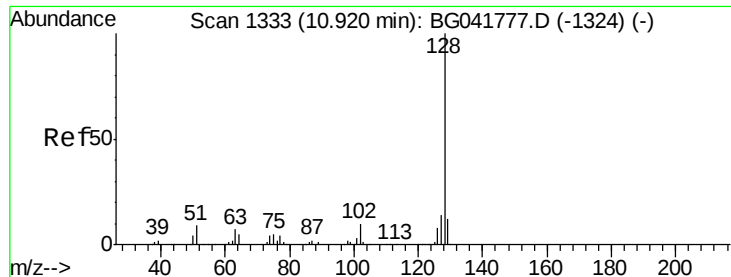
Tgt Ion:162 Resp: 246023
Ion Ratio Lower Upper
162 100
164 65.7 46.1 86.1
98 31.2 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 49.100 ng
RT: 10.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Tgt Ion:180 Resp: 248962
Ion Ratio Lower Upper
180 100
182 99.4 76.2 114.2
145 27.7 23.8 35.8





#31

Naphthalene

Concen: 52.508 ng

RT: 10.92 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

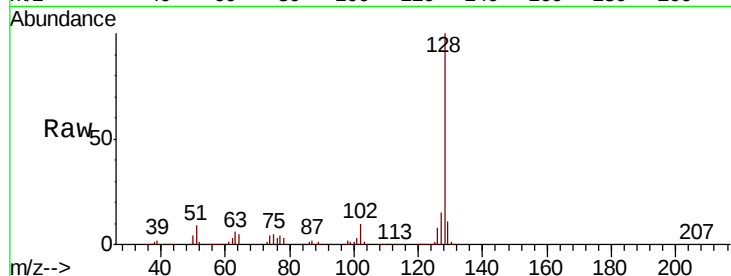
Tgt Ion:128 Resp: 629241

Ion Ratio Lower Upper

128 100

129 11.4 10.0 15.0

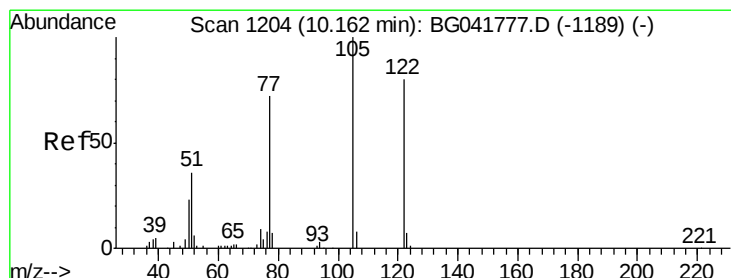
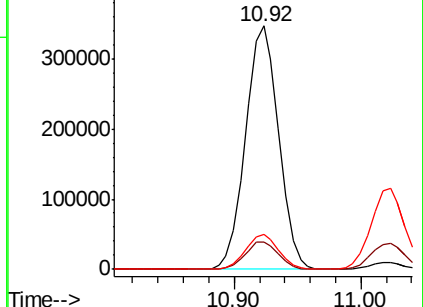
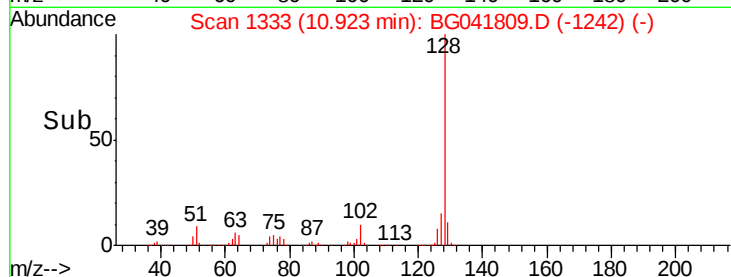
127 14.6 12.3 18.5



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: 23.628 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.04 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

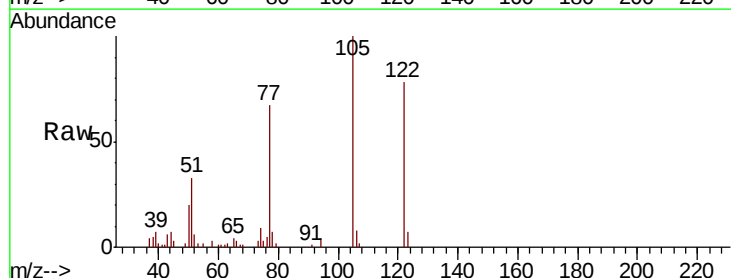
Tgt Ion:122 Resp: 42718

Ion Ratio Lower Upper

122 100

105 128.8 101.5 141.5

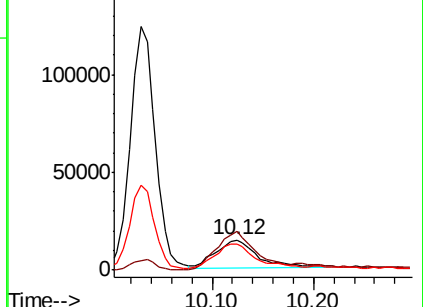
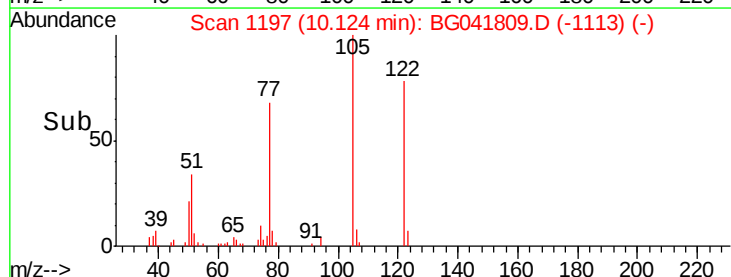
77 86.4 73.0 113.0

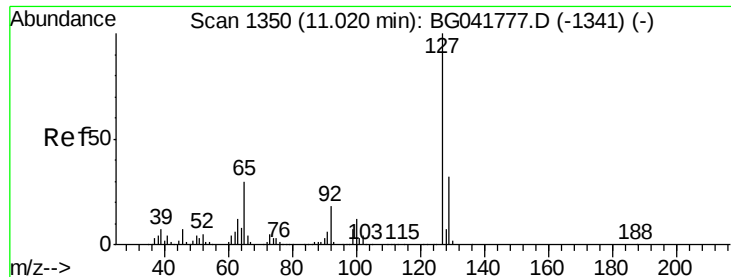


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

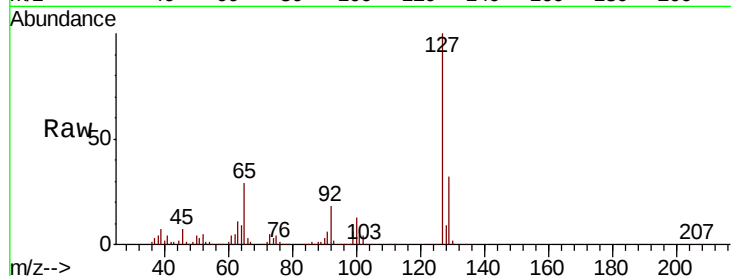




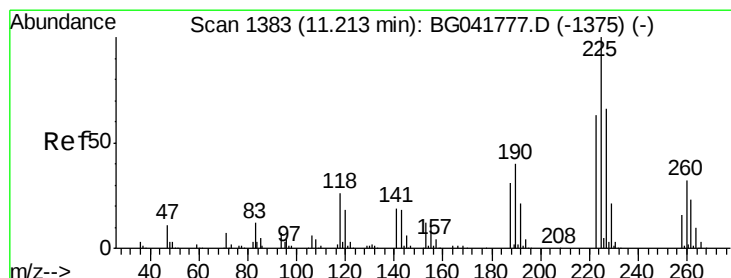
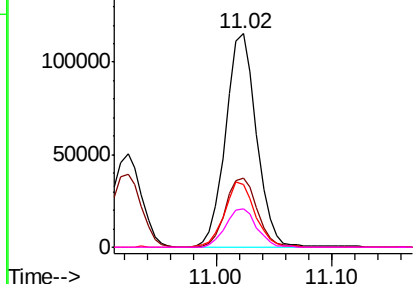
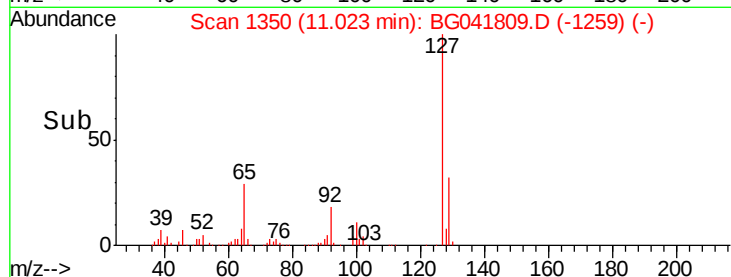
#33
4-Chloroaniline
Concen: 37.489 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Instrument :
BNA_G
ClientSampleId :
PB121837BS

Tgt Ion:	127	Resp:	213051
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	29.3	26.7	40.1
92	17.9	15.4	23.0

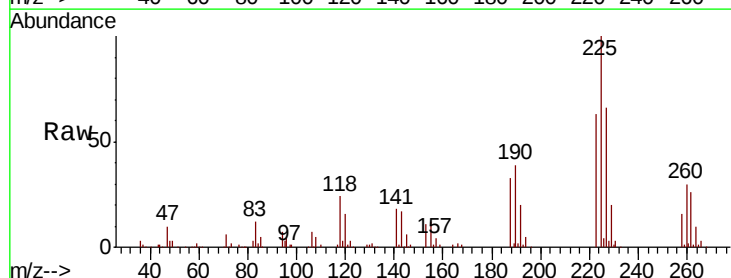


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

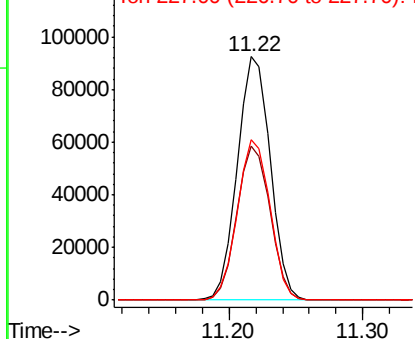
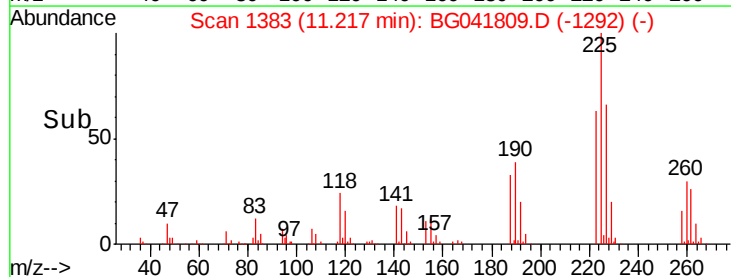


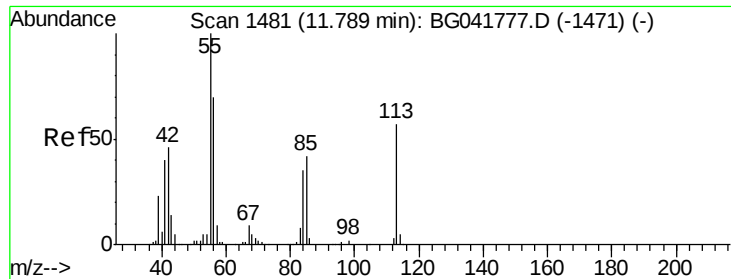
#34
Hexachlorobutadiene
Concen: 46.185 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Tgt Ion:	225	Resp:	158054
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.1	76.7
227	65.8	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: 41.304 ng

RT: 11.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

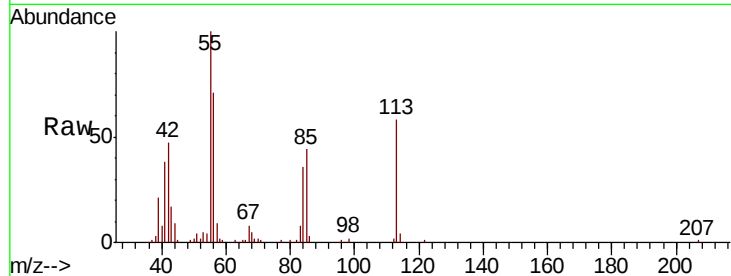
Tgt Ion:113 Resp: 57396

Ion Ratio Lower Upper

113 100

55 172.0 199.4 239.4#

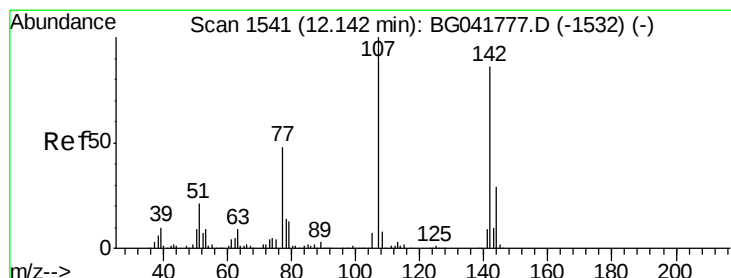
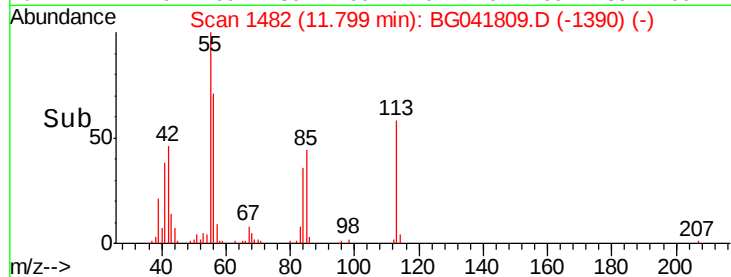
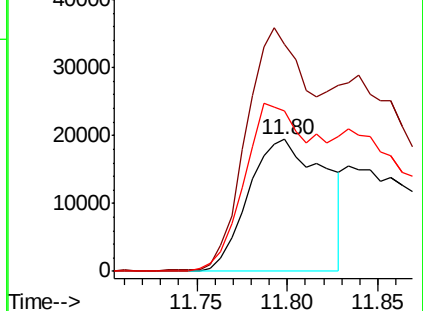
56 121.9 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 63.337 ng

RT: 12.15 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

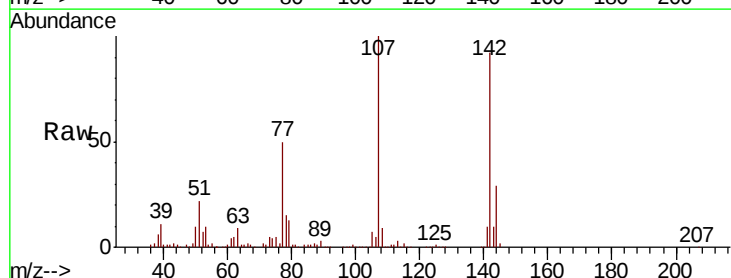
Tgt Ion:107 Resp: 251083

Ion Ratio Lower Upper

107 100

144 29.1 22.2 33.2

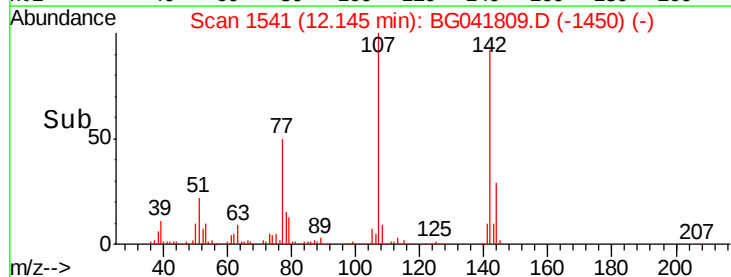
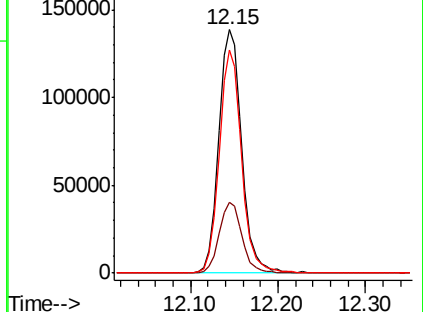
142 91.9 67.3 100.9

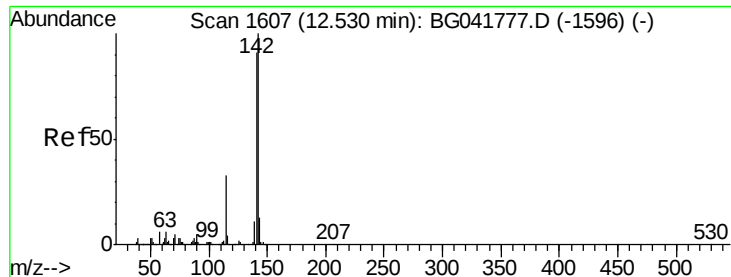


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

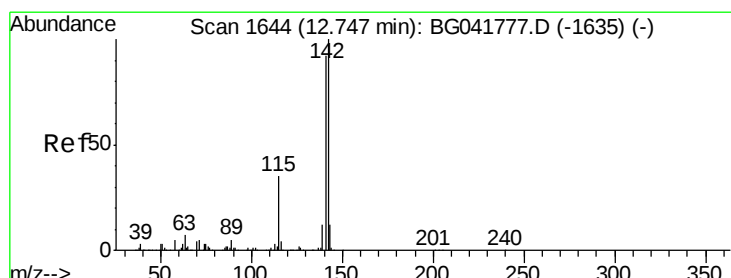
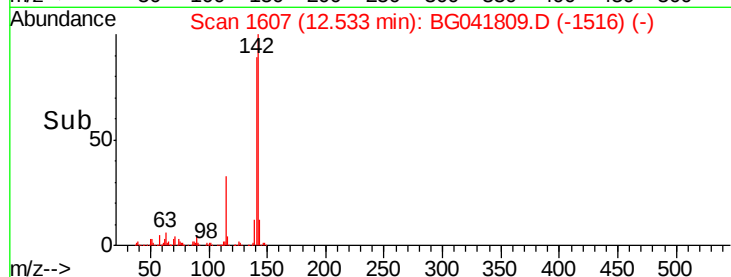
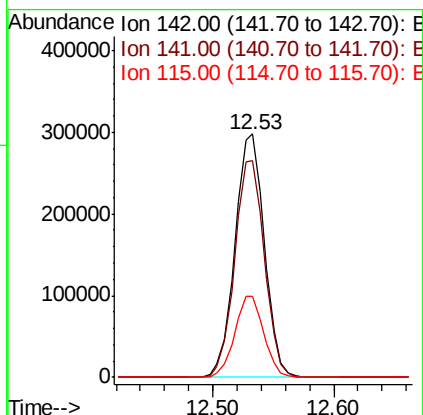
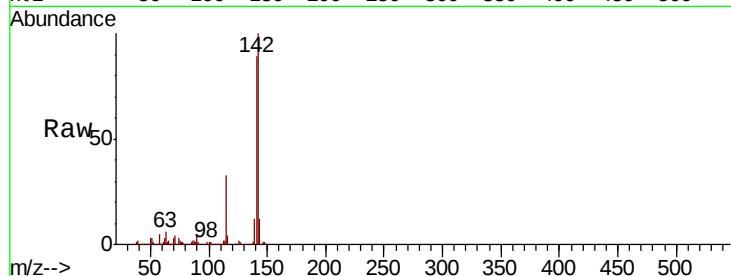




#37
 2-Methylnaphthalene
 Concen: 53.202 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

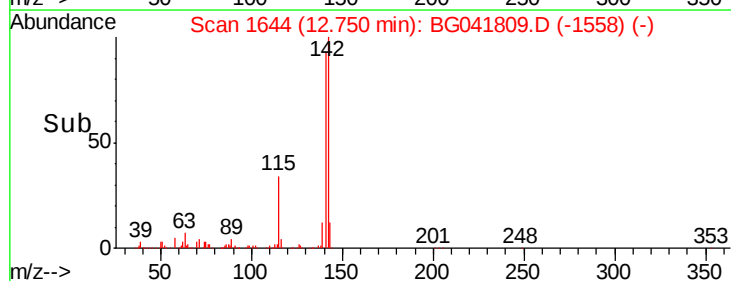
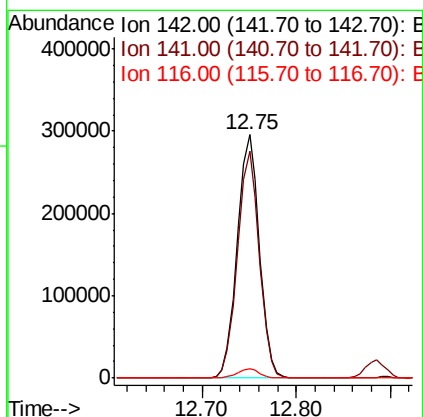
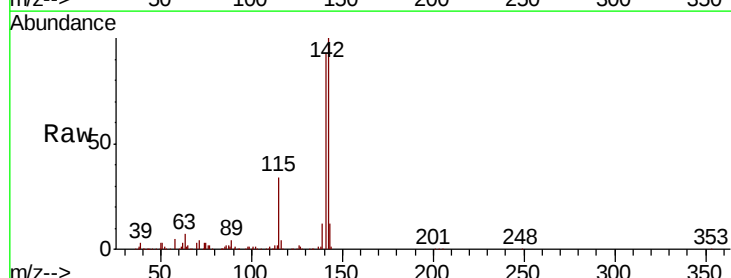
Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

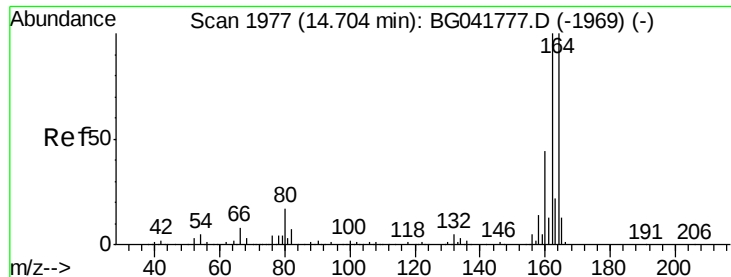
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.7	109.1
115	33.3	27.0	40.4



#38
 1-Methylnaphthalene
 Concen: 53.547 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.4	113.2
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

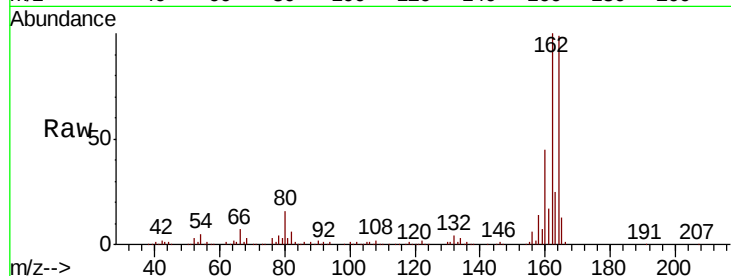
Tgt Ion:164 Resp: 190822

Ion Ratio Lower Upper

164 100

162 100.7 79.6 119.4

160 45.1 35.4 53.0

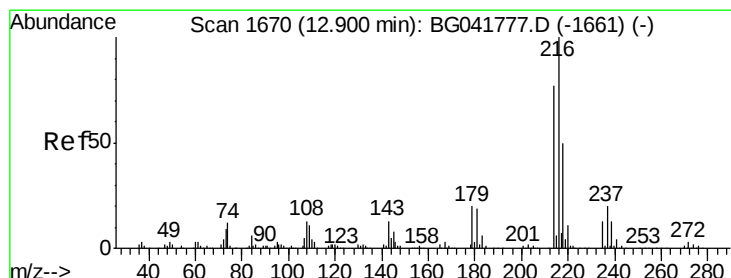
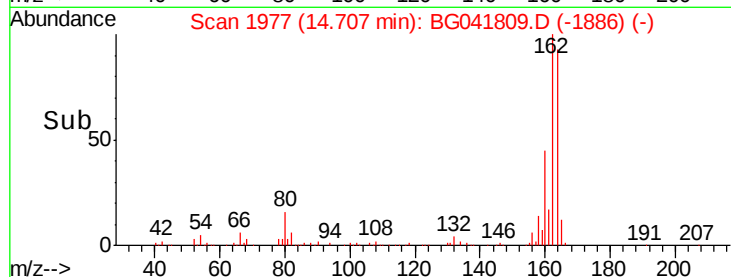
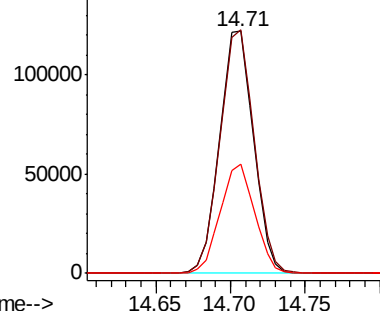


Abundance

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: 51.661 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Tgt Ion:216 Resp: 312046

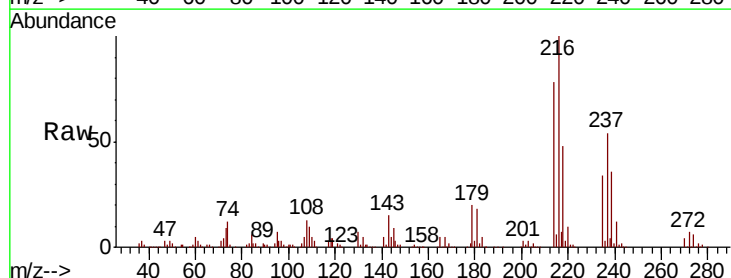
Ion Ratio Lower Upper

216 100

214 76.9 61.5 92.3

179 19.0 16.2 24.2

108 14.5 13.2 19.8



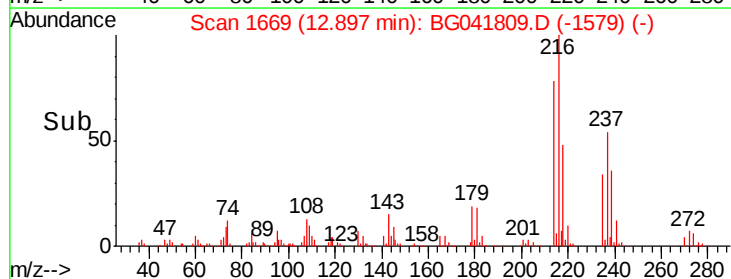
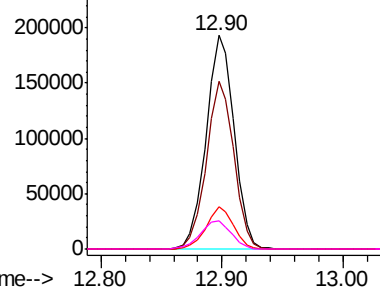
Abundance

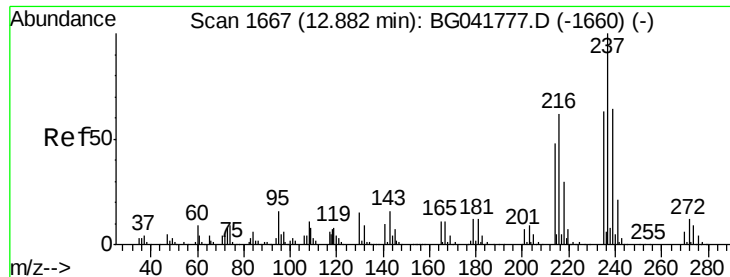
Ion 216.00 (215.70 to 216.70): E

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: 96.636 ng

RT: 12.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

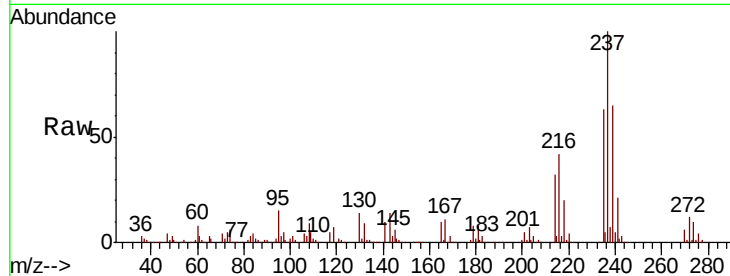
Tgt Ion:237 Resp: 328179

Ion Ratio Lower Upper

237 100

235 62.7 43.5 83.5

272 12.3 0.0 31.2

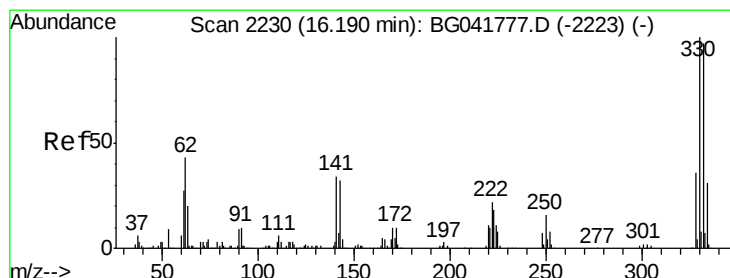
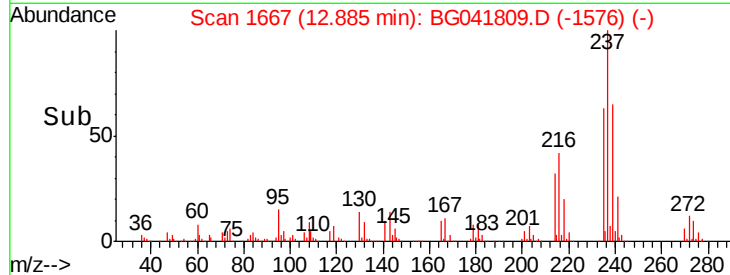
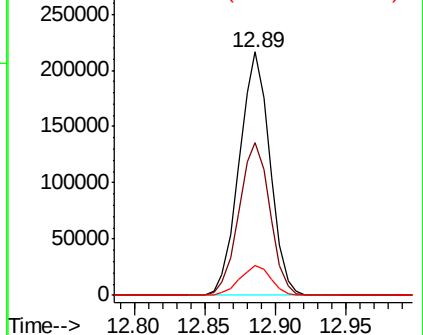


Abundance

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: 216.952 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

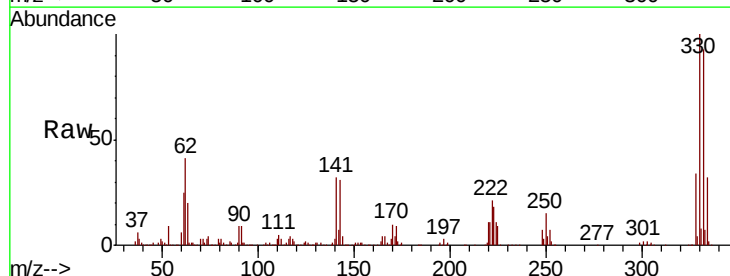
Tgt Ion:330 Resp: 470239

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

141 32.8 31.9 47.9

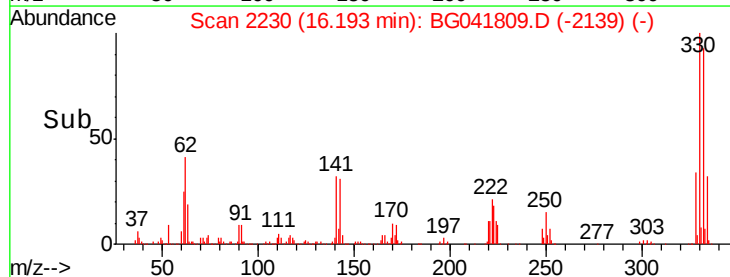
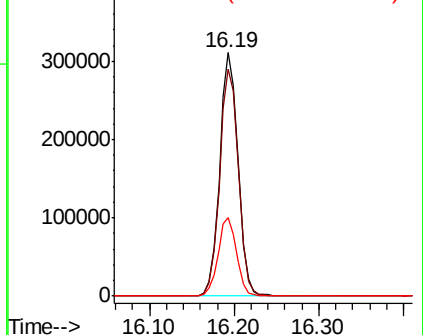


Abundance

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

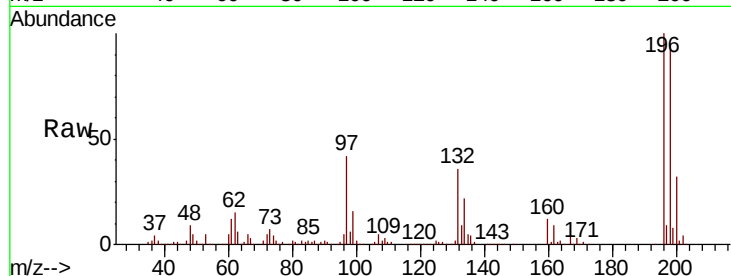




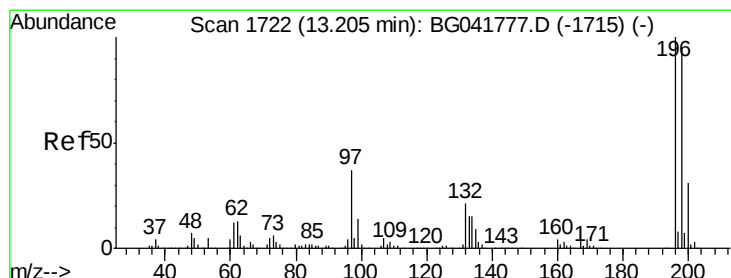
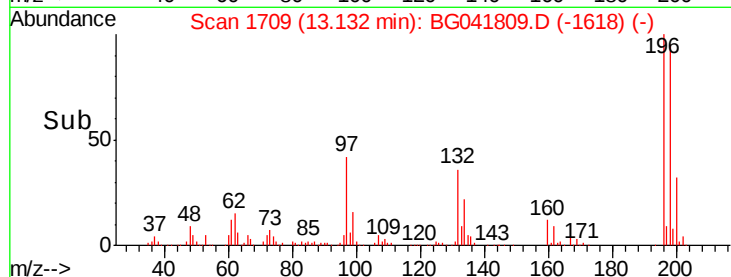
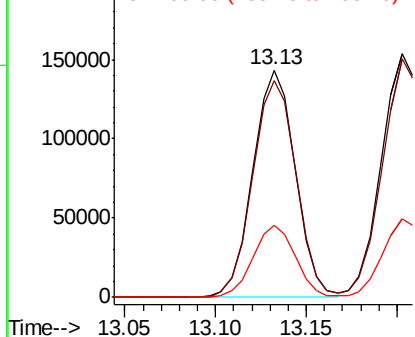
#43
 2,4,6-Trichlorophenol
 Concen: 61.074 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

Tgt Ion:196 Resp: 233165
 Ion Ratio Lower Upper
 196 100
 198 95.3 79.6 119.4
 200 31.8 25.2 37.8

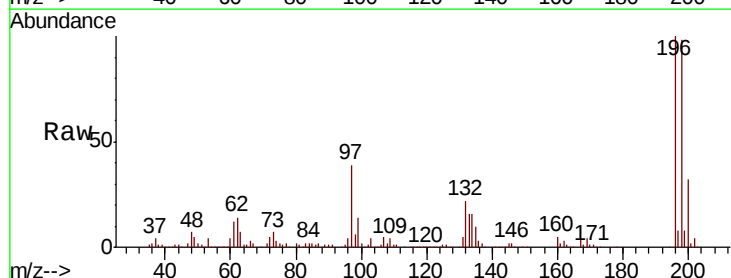


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

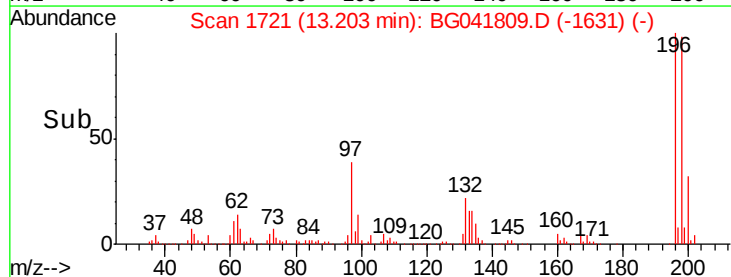
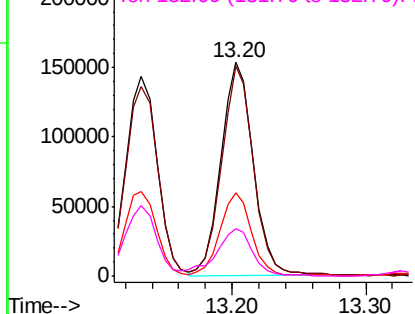


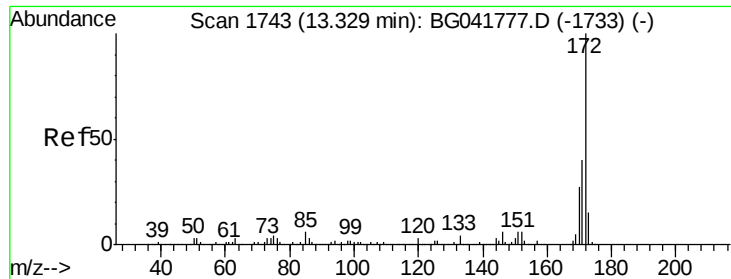
#44
 2,4,5-Trichlorophenol
 Concen: 65.183 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Tgt Ion:196 Resp: 258604
 Ion Ratio Lower Upper
 196 100
 198 98.1 80.6 121.0
 97 38.7 33.9 50.9
 132 22.1 20.2 30.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

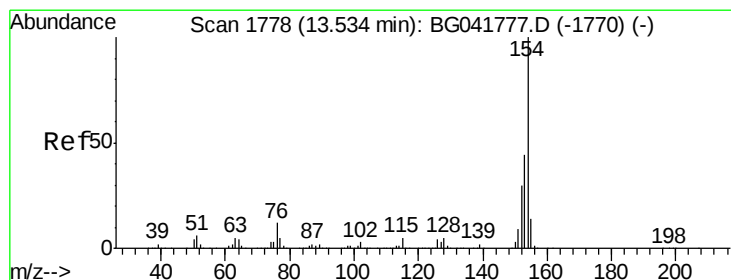
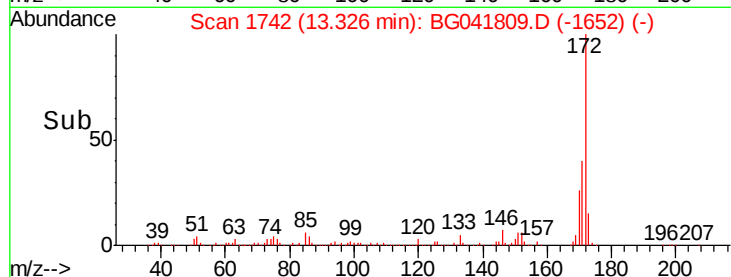
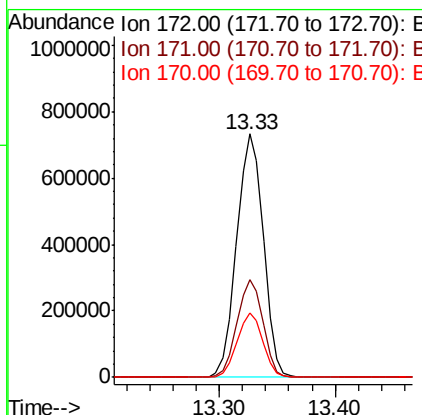
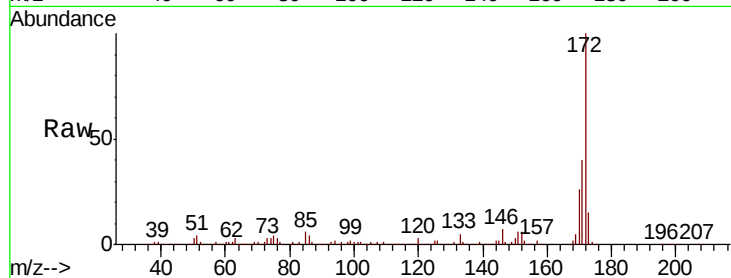




#45
 2-Fluorobiphenyl
 Concen: 108.047 ng
 RT: 13.33 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

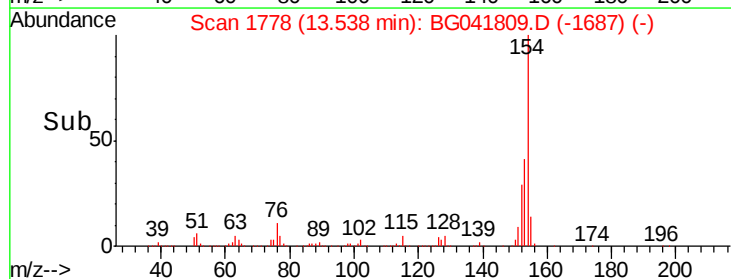
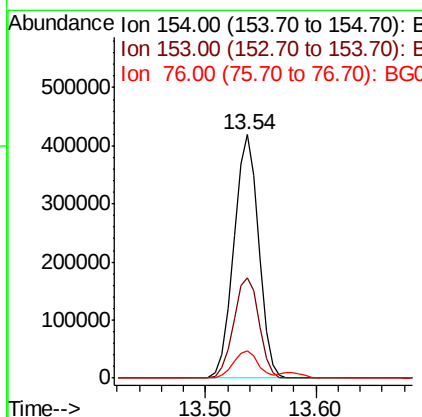
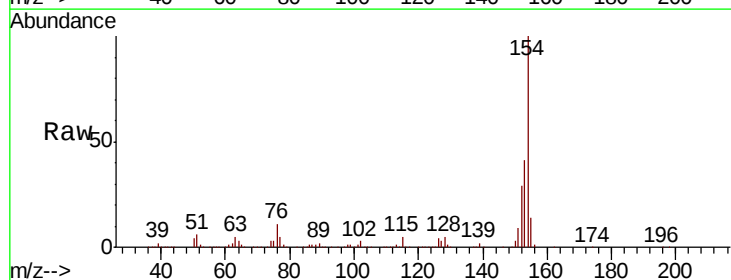
Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

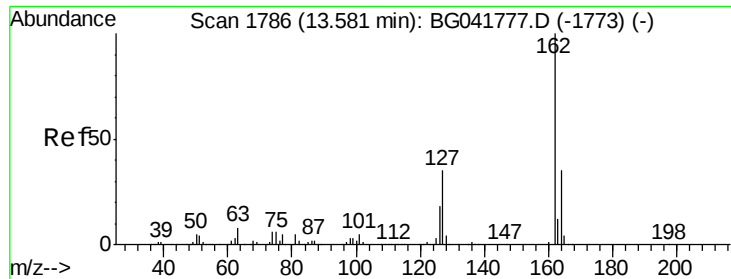
Tgt Ion:172 Resp: 1168987
 Ion Ratio Lower Upper
 172 100
 171 40.1 35.0 52.4
 170 26.4 23.5 35.3



#46
 1,1'-Biphenyl
 Concen: 53.723 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Tgt Ion:154 Resp: 658993
 Ion Ratio Lower Upper
 154 100
 153 41.4 25.0 65.0
 76 11.2 0.0 34.5

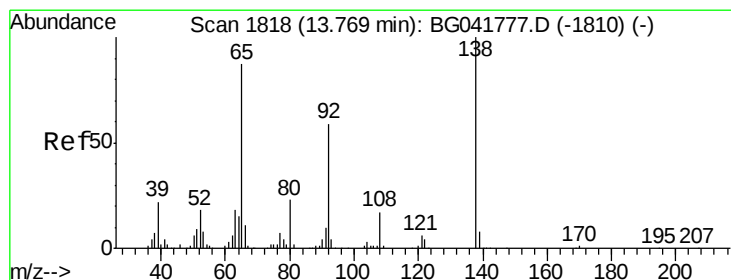
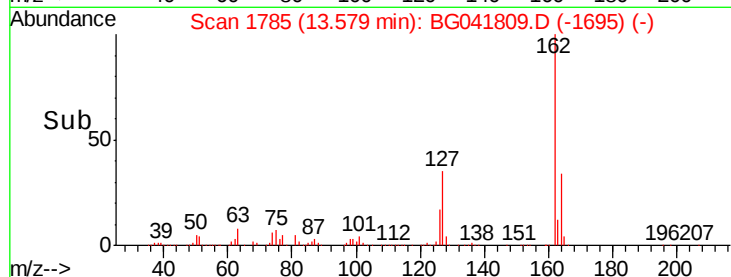
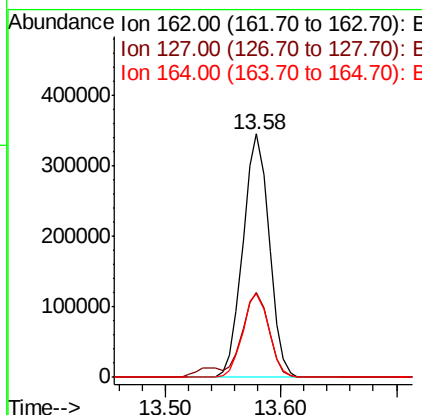
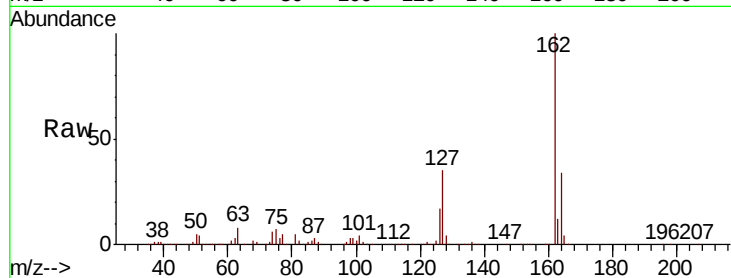




#47
2-Chloronaphthalene
Concen: 52.248 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

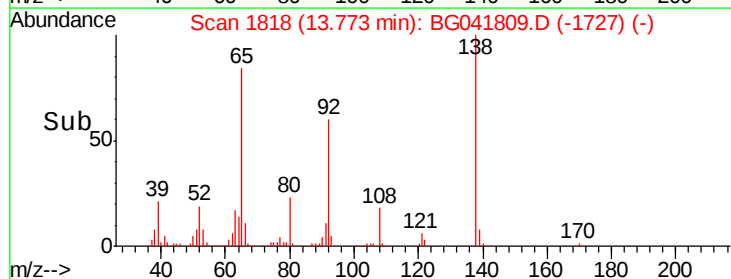
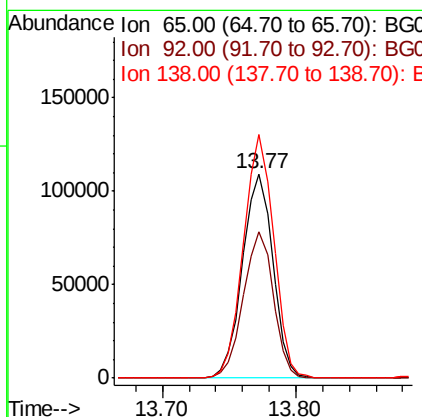
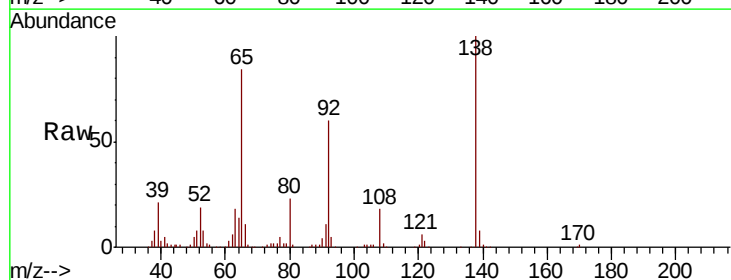
Instrument :
BNA_G
ClientSampleId :
PB121837BS

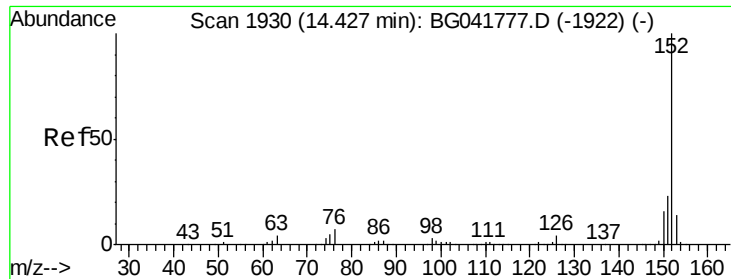
Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.8	30.4	45.6
164	34.4	28.6	42.8



#48
2-Nitroaniline
Concen: 65.285 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	53.9	80.9
138	119.3	83.5	125.3





#49

Acenaphthylene

Concen: 57.119 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

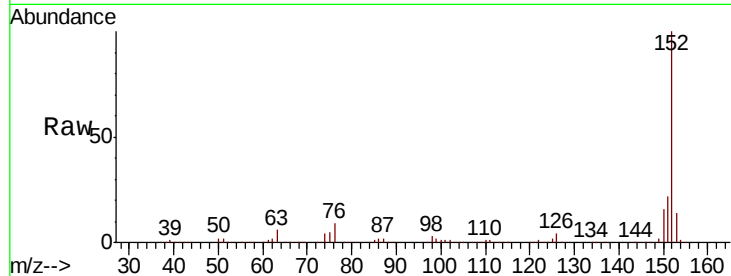
Tgt Ion:152 Resp: 892320

Ion Ratio Lower Upper

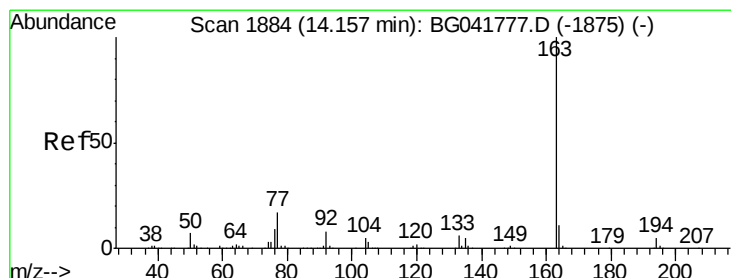
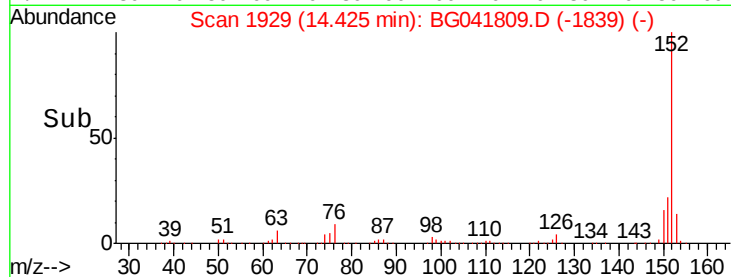
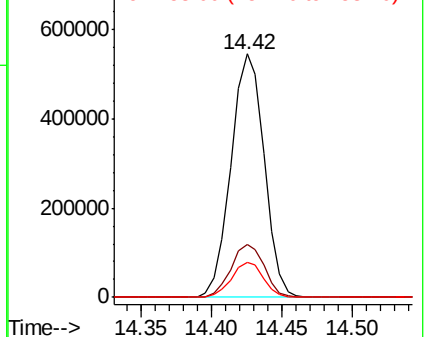
152 100

151 21.8 18.7 28.1

153 14.2 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: 58.899 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

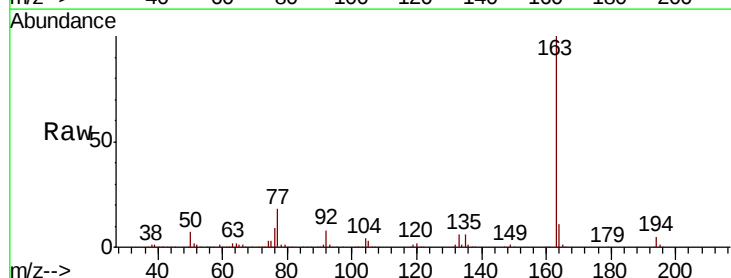
Tgt Ion:163 Resp: 767592

Ion Ratio Lower Upper

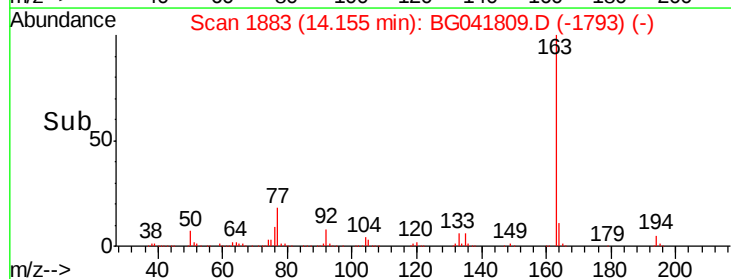
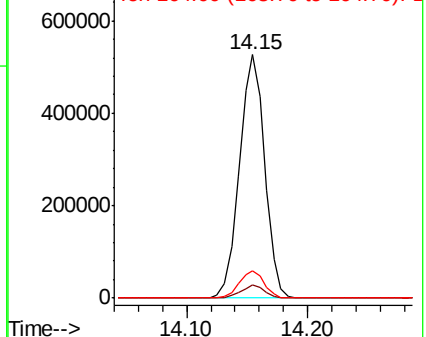
163 100

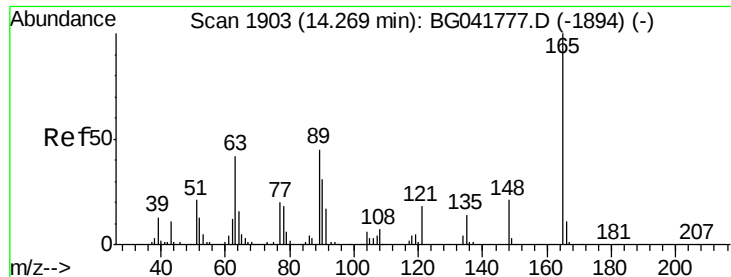
194 5.4 4.2 6.2

164 11.2 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: 68.411 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleID :

PB121837BS

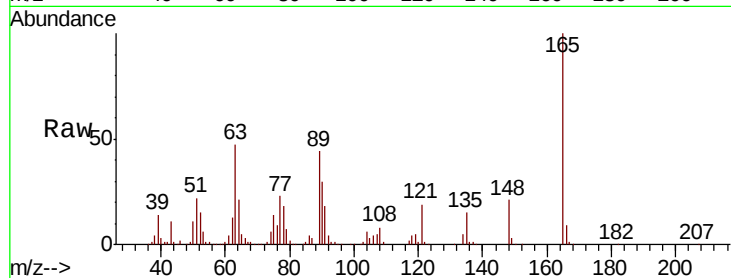
Tgt Ion:165 Resp: 186426

Ion Ratio Lower Upper

165 100

63 47.0 42.4 63.6

89 44.2 42.1 63.1



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

150000

100000

50000

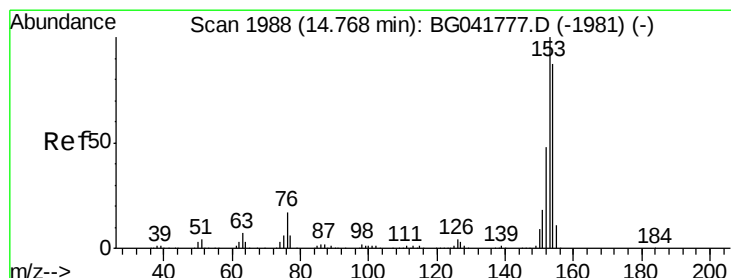
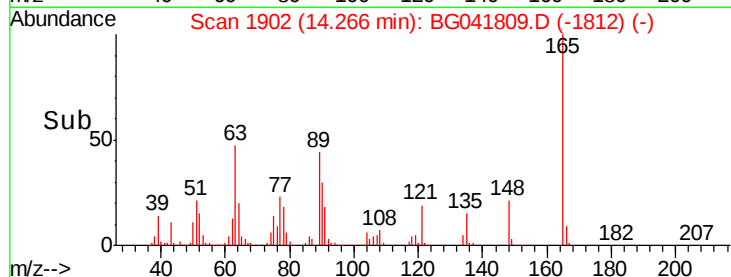
0

14.27

14.20

14.30

Time-->



#52

Acenaphthene

Concen: 59.975 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

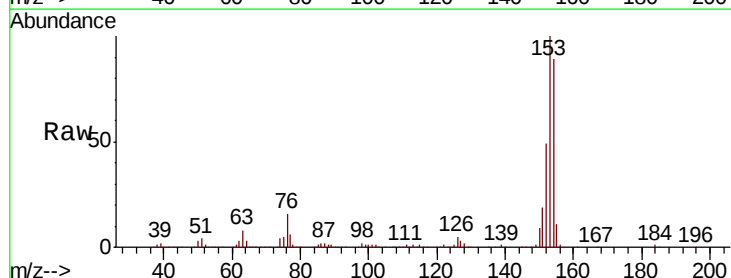
Tgt Ion:154 Resp: 609380

Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.6

152 55.1 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

500000

400000

300000

200000

100000

0

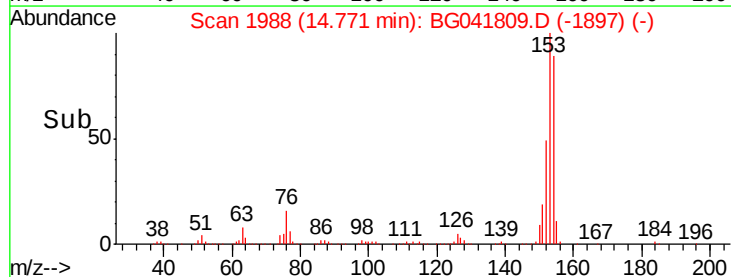
14.77

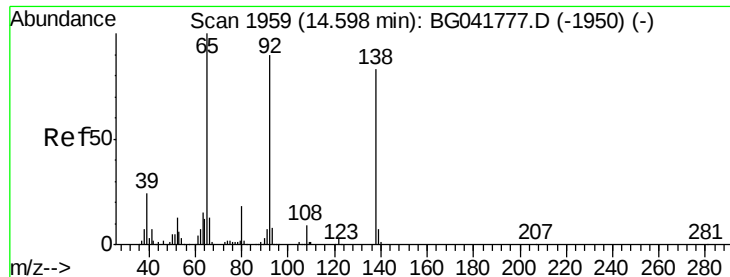
14.70

14.80

14.90

Time-->





#53

3-Nitroaniline

Concen: 50.106 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

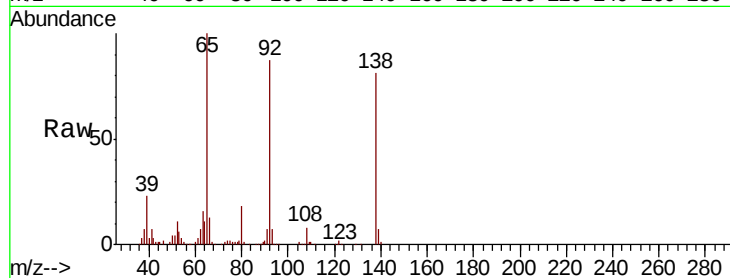
Tgt Ion:138 Resp: 146075

Ion Ratio Lower Upper

138 100

108 10.1 10.3 15.5#

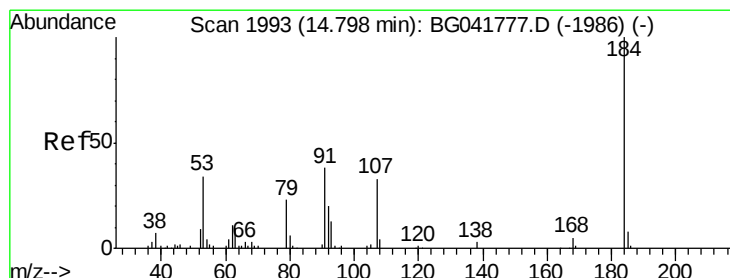
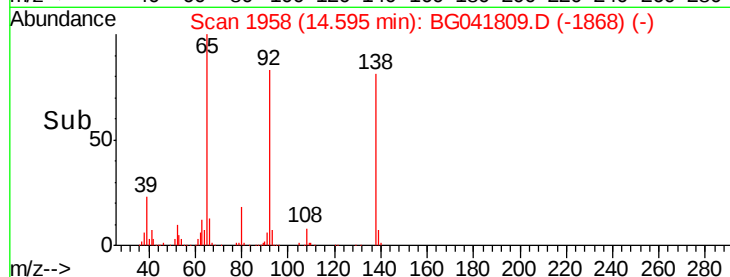
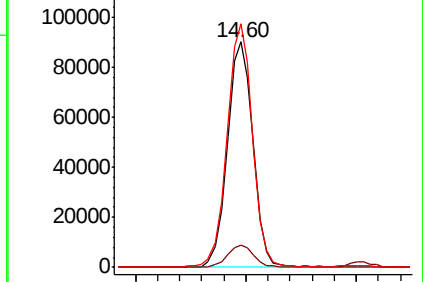
92 107.9 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 98.553 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

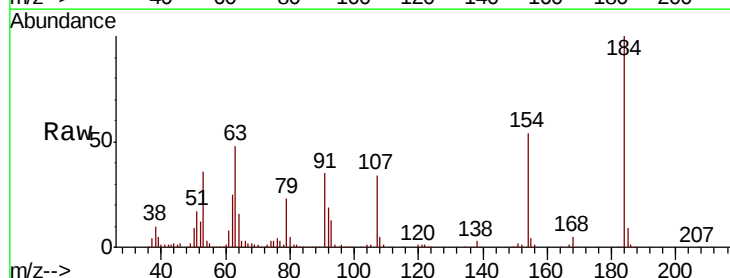
Tgt Ion:184 Resp: 176989

Ion Ratio Lower Upper

184 100

63 48.2 43.2 64.8

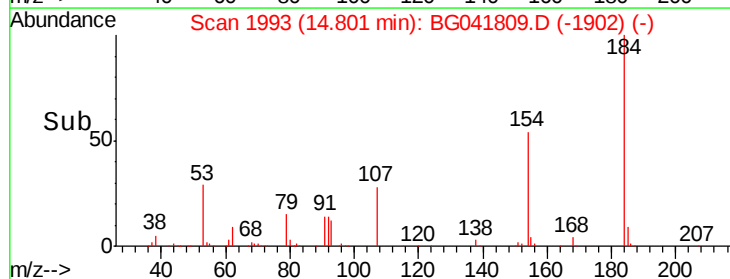
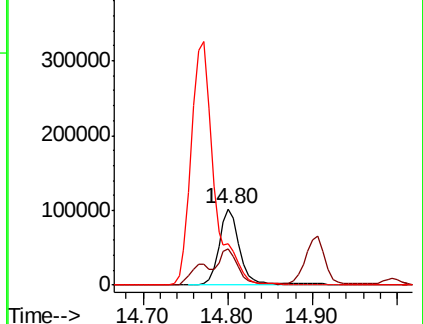
154 53.9 51.4 77.2

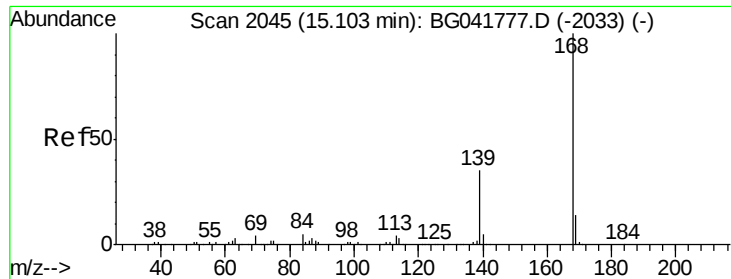


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

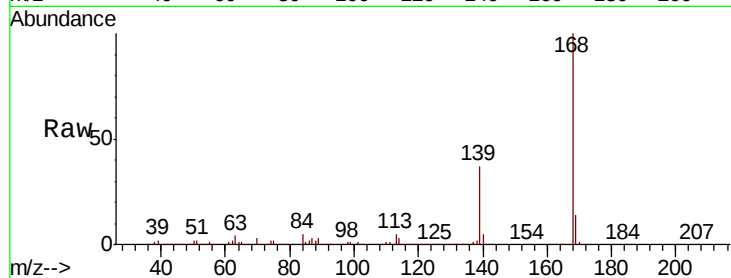




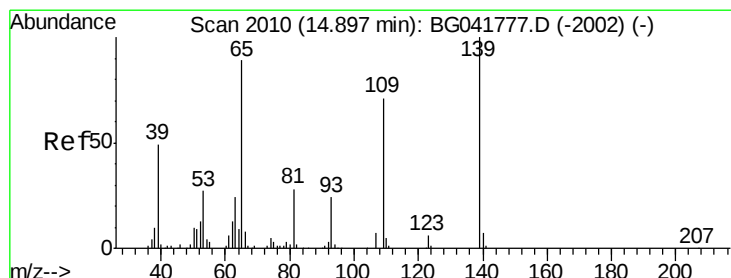
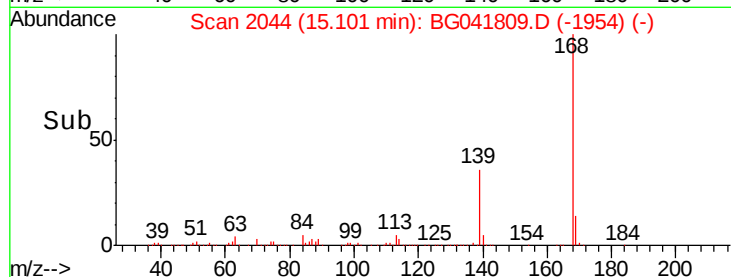
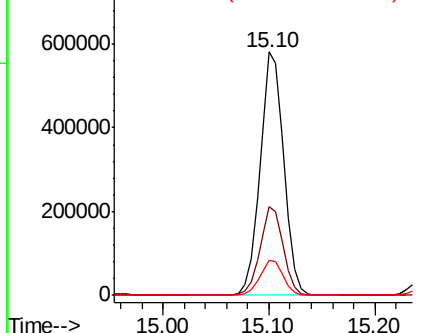
#55
Dibenzenofuran
Concen: 58.253 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Instrument :
BNA_G
ClientSampleId :
PB121837BS

Tgt Ion:168 Resp: 905318
Ion Ratio Lower Upper
168 100
139 36.5 31.9 47.9
169 14.5 12.5 18.7

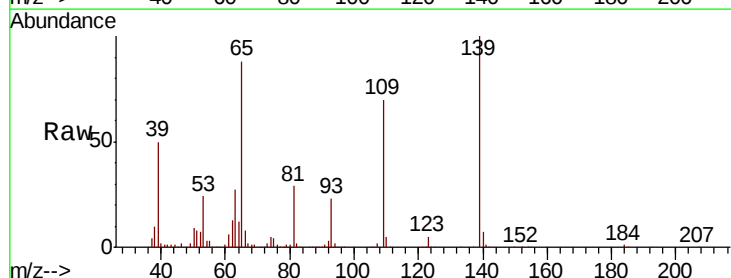


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

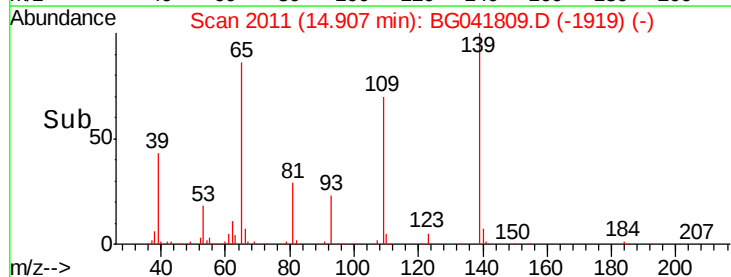
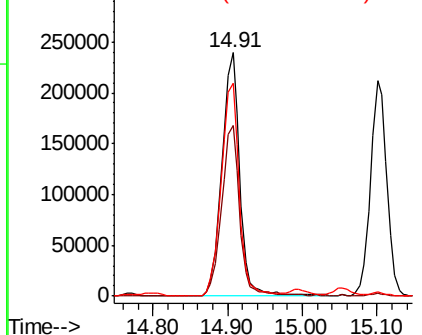


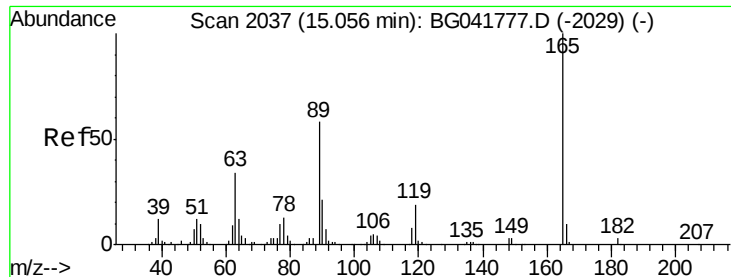
#56
4-Nitrophenol
Concen: 181.776 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Tgt Ion:139 Resp: 402261
Ion Ratio Lower Upper
139 100
109 70.2 51.3 91.3
65 87.6 77.6 117.6



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

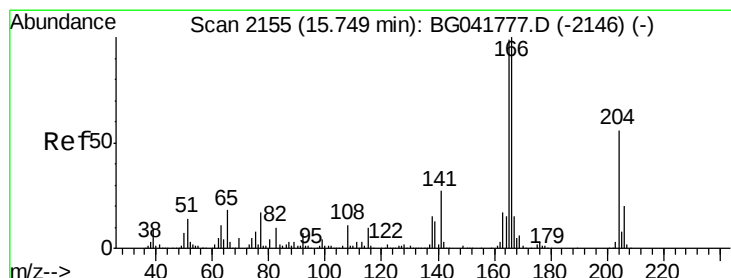
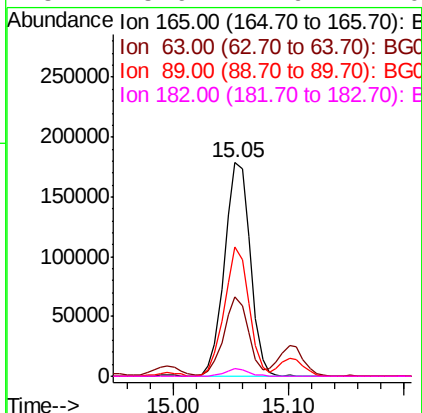
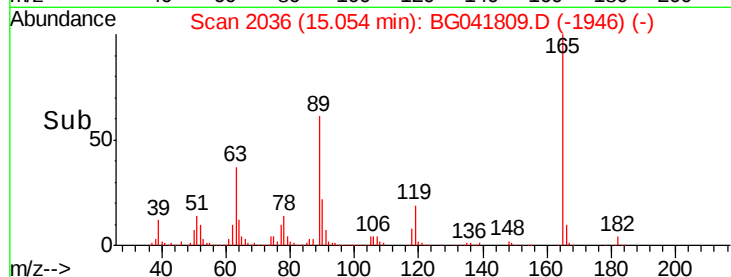
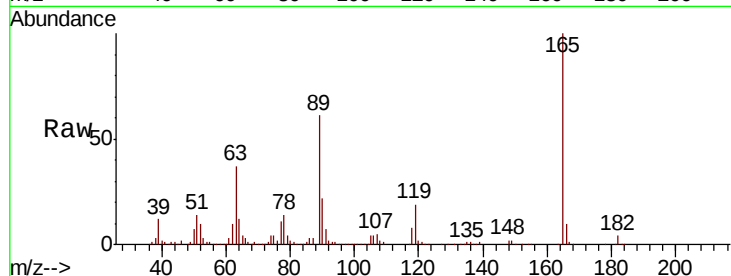




#57
2,4-Dinitrotoluene
Concen: 73.527 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

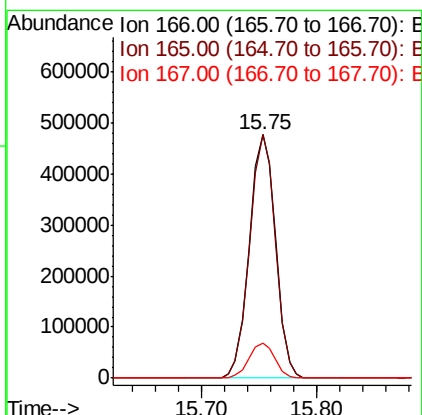
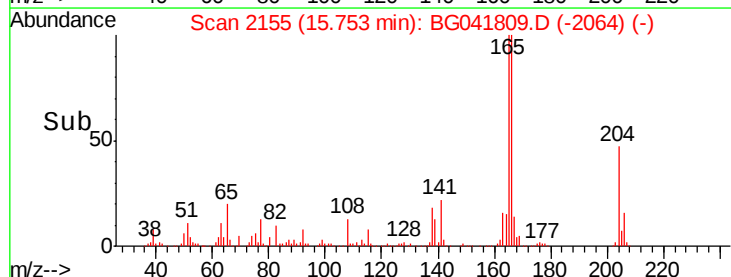
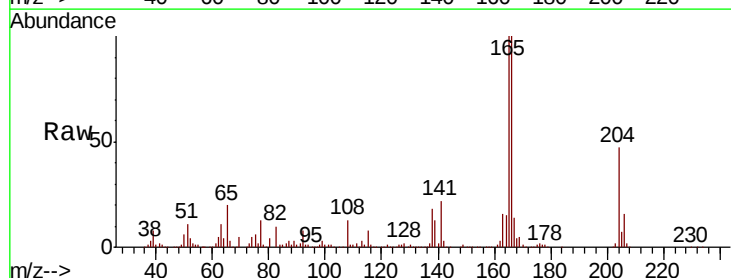
Instrument :
BNA_G
ClientSampleId :
PB121837BS

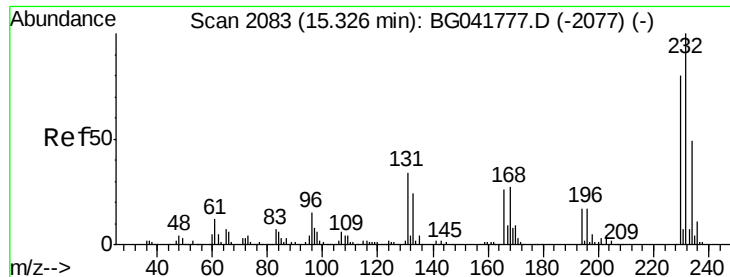
Tgt Ion:165 Resp: 275547
Ion Ratio Lower Upper
165 100
63 37.5 31.7 47.5
89 60.6 50.2 75.4
182 3.6 2.6 4.0



#58
Fluorene
Concen: 60.460 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Tgt Ion:166 Resp: 754051
Ion Ratio Lower Upper
166 100
165 100.2 80.5 120.7
167 14.3 12.4 18.6

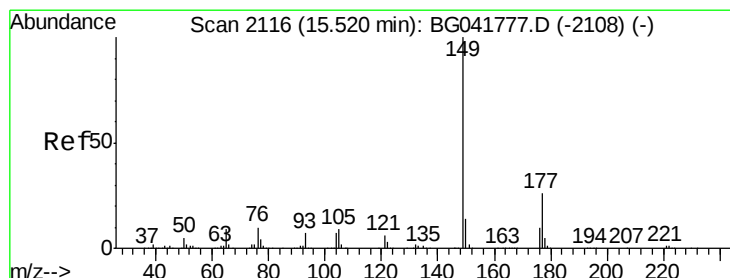
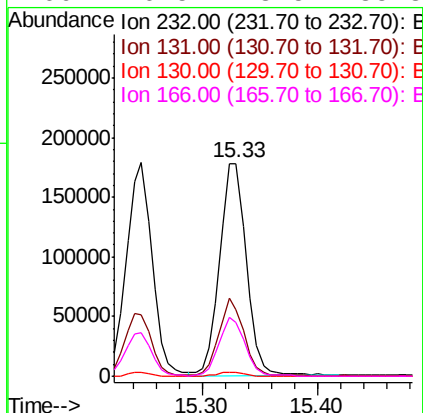
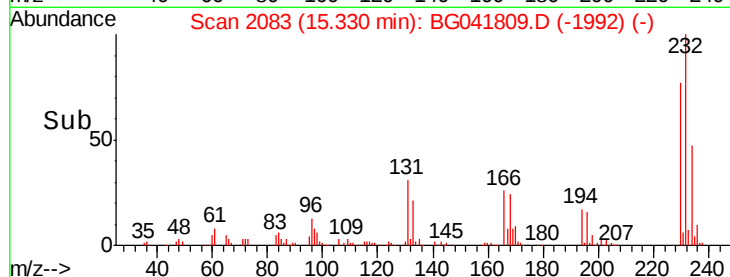
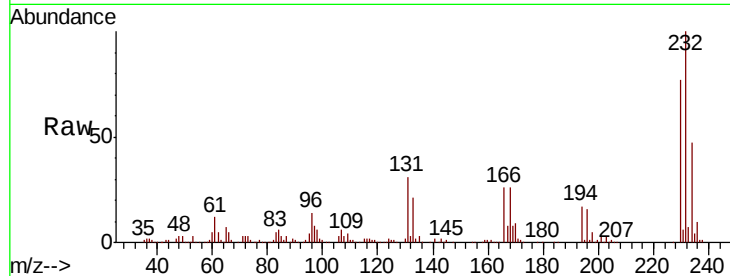




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 72.946 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

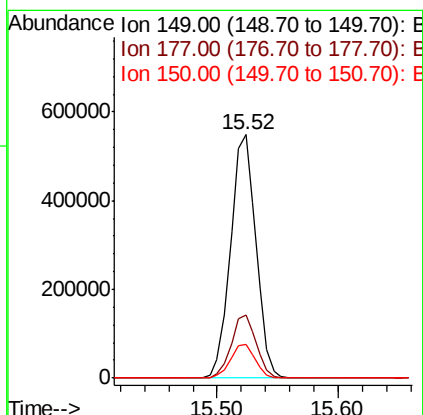
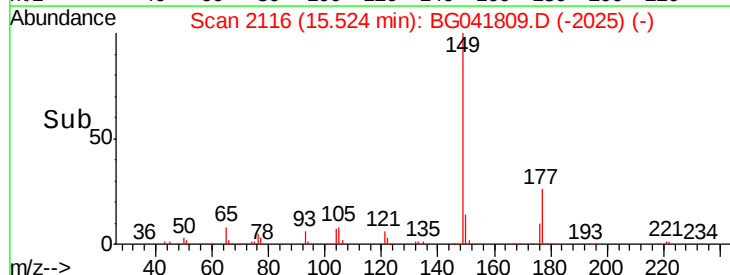
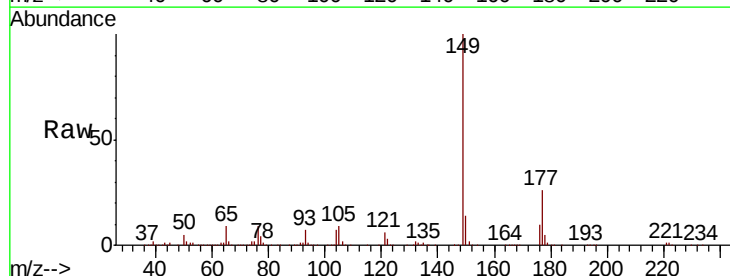
Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

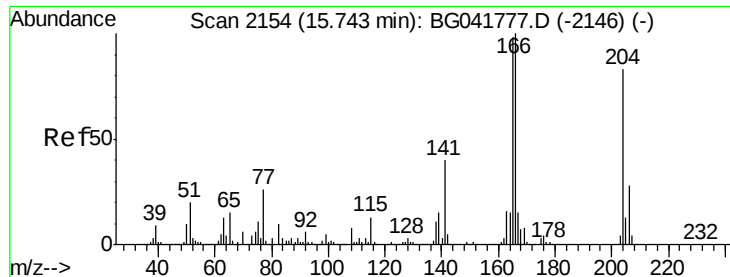
Tgt Ion:	232	Resp:	286626
Ion	Ratio	Lower	Upper
232	100		
131	34.0	31.8	47.6
130	2.0	1.8	2.8
166	26.5	23.5	35.3



#60
 Diethylphthalate
 Concen: 62.684 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Tgt Ion:	149	Resp:	802027
Ion	Ratio	Lower	Upper
149	100		
177	25.8	20.7	31.1
150	13.7	11.5	17.3

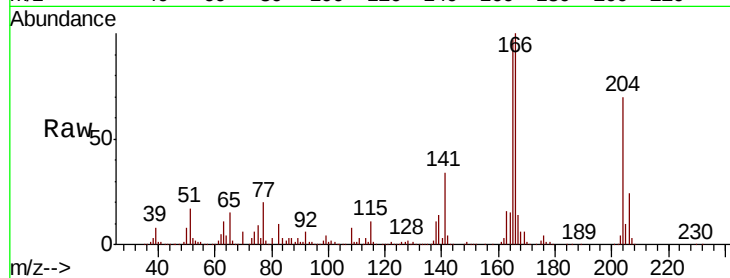




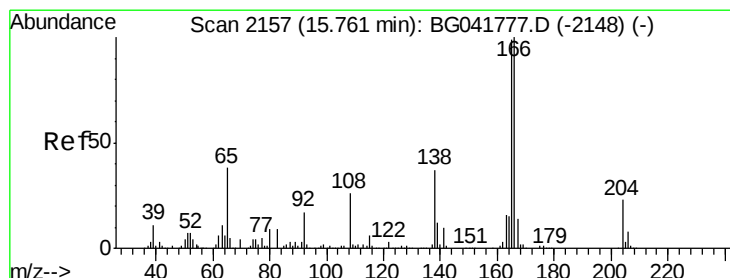
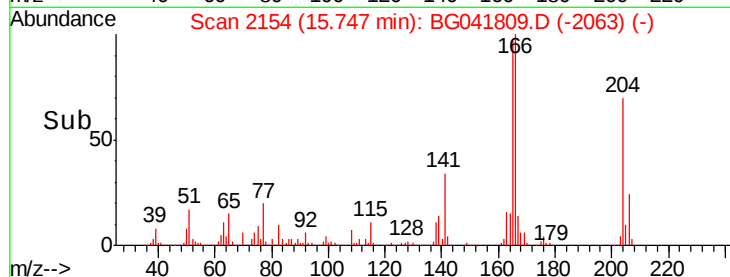
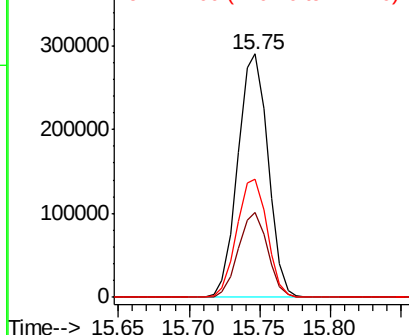
#61
 4-Chlorophenyl-phenylether
 Concen: 57.004 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.6	42.8
141	48.6	42.9	64.3

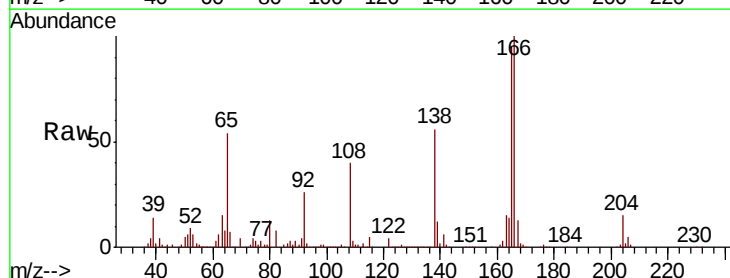


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

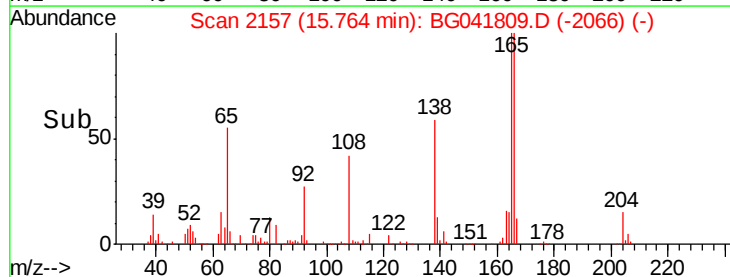
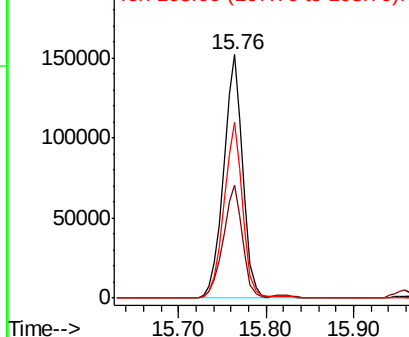


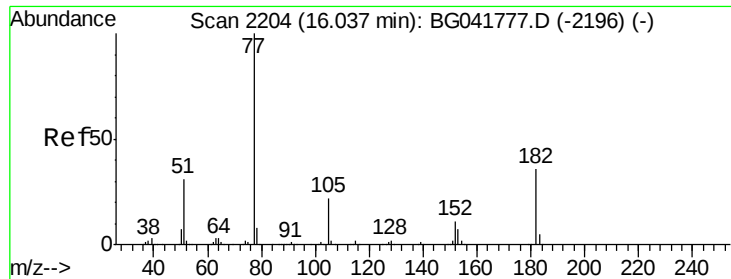
#62
 4-Nitroaniline
 Concen: 73.113 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	29.8	69.8
108	72.4	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: 59.776 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

Tgt Ion: 77 Resp: 624769

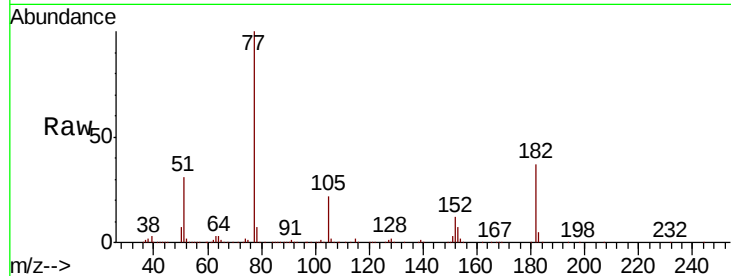
Ion Ratio Lower Upper

77 100

182 36.5 13.2 53.2

105 21.8 2.2 42.2

51 31.2 14.6 54.6

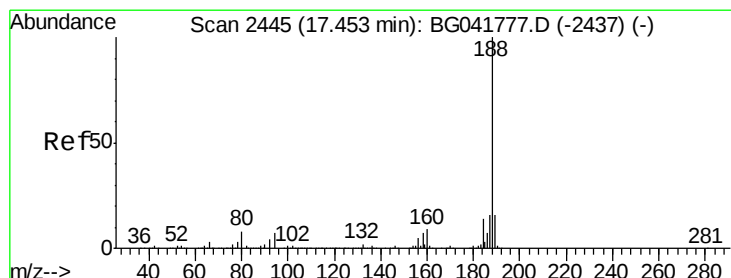
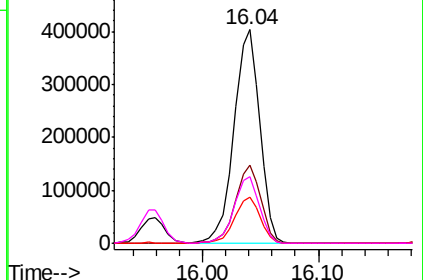
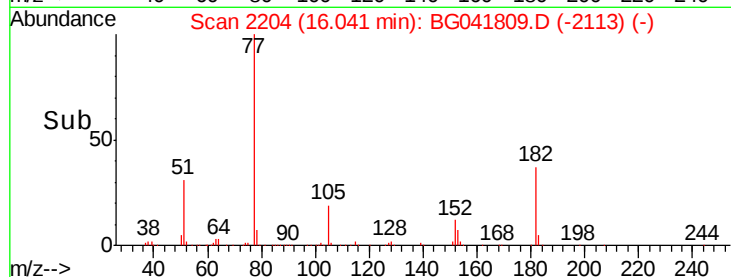


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

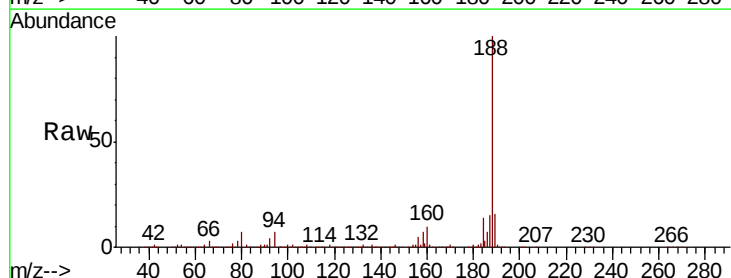
Tgt Ion: 188 Resp: 573200

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

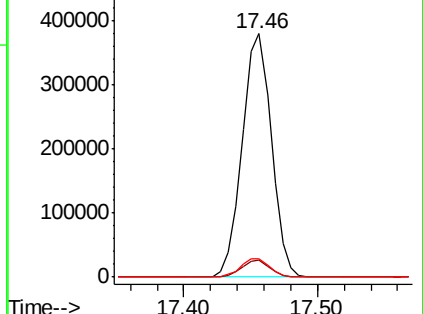
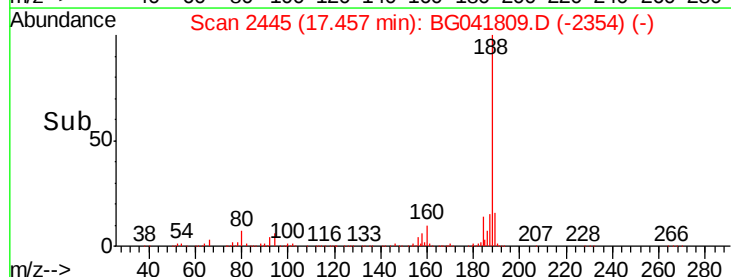
80 7.4 8.0 12.0#

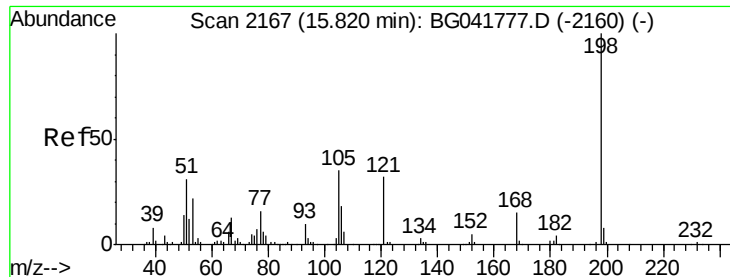


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

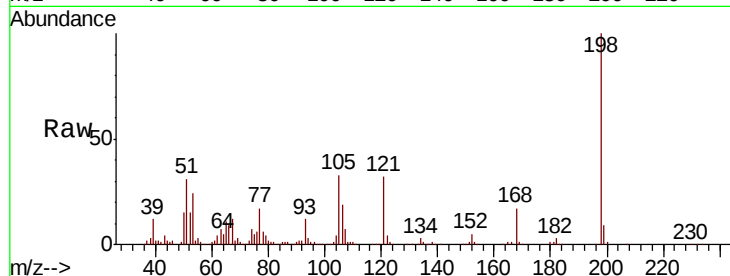




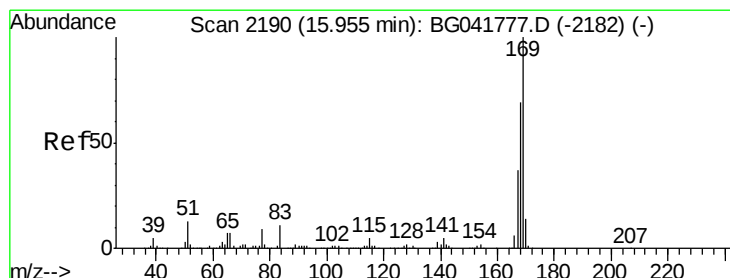
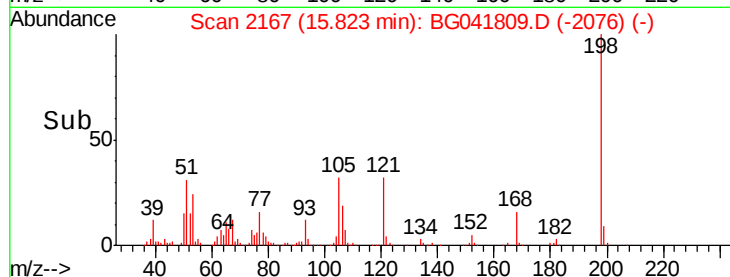
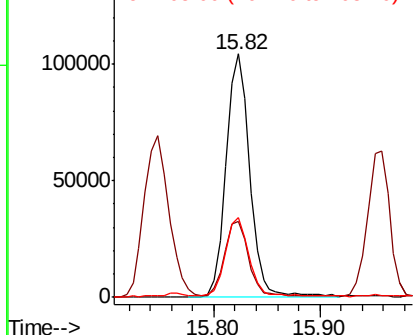
#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.598 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

Tgt Ion:198 Resp: 162801
 Ion Ratio Lower Upper
 198 100
 51 31.4 22.3 62.3
 105 32.7 18.0 58.0

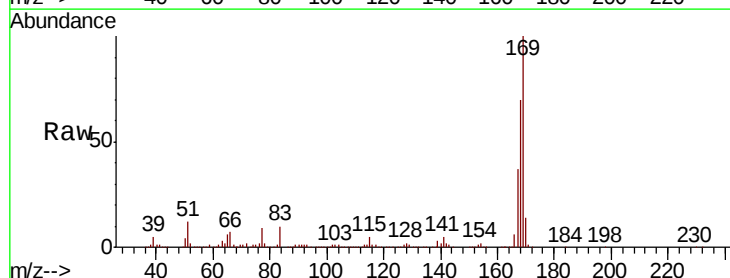


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

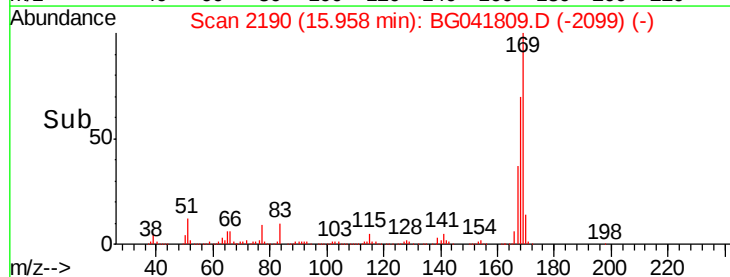
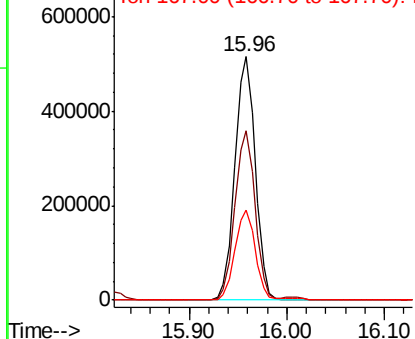


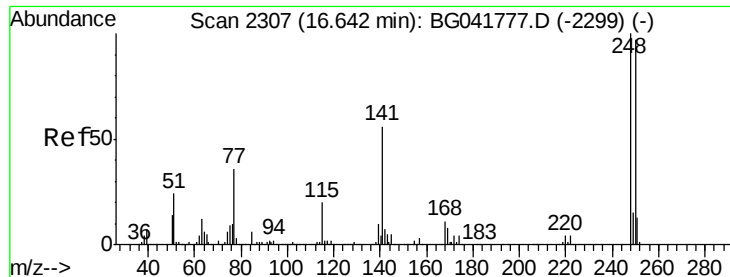
#66
 n-Nitrosodiphenylamine
 Concen: 47.637 ng
 RT: 15.96 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Tgt Ion:169 Resp: 743780
 Ion Ratio Lower Upper
 169 100
 168 69.8 56.9 85.3
 167 37.1 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

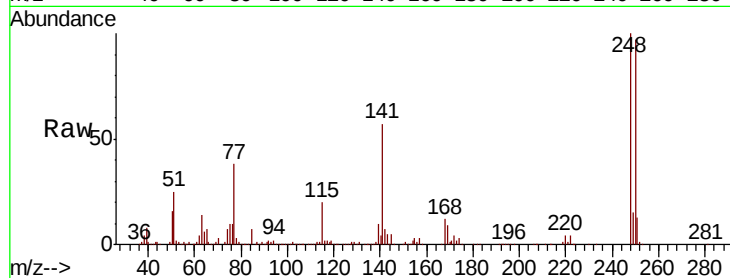




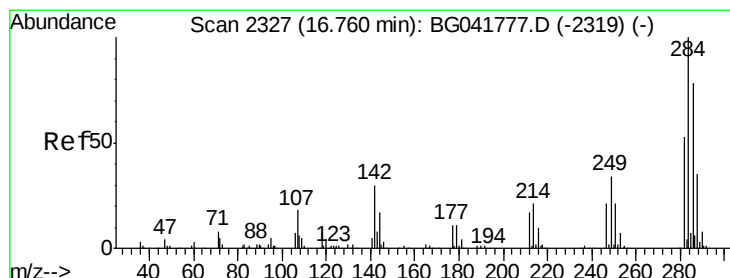
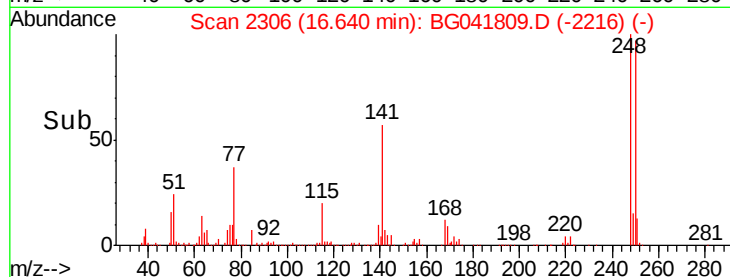
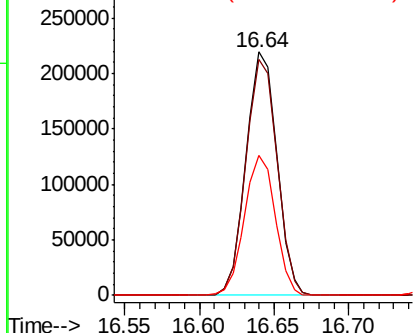
#67
 4-Bromophenyl-phenylether
 Concen: 44.536 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

Tgt Ion:248 Resp: 314459
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.1 117.1
 141 57.5 49.6 74.4

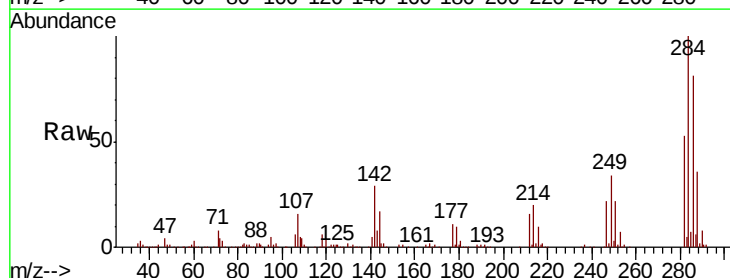


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

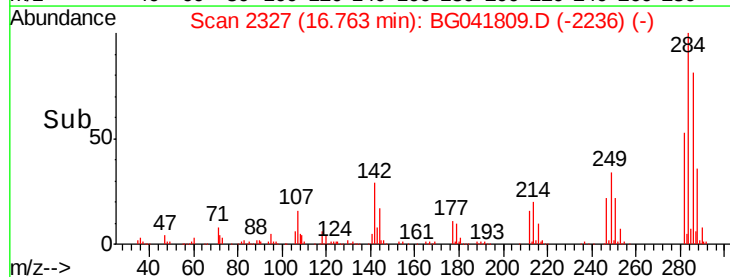
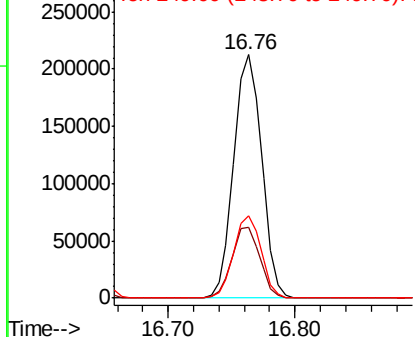


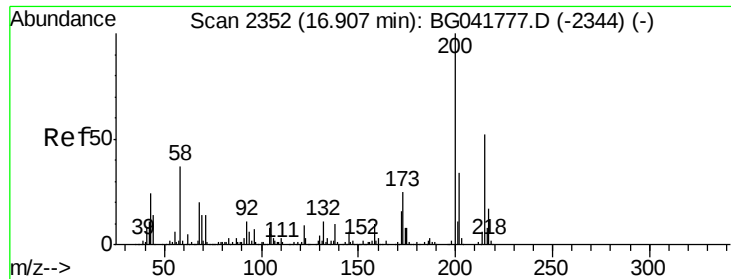
#68
 Hexachlorobenzene
 Concen: 43.947 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Tgt Ion:284 Resp: 324624
 Ion Ratio Lower Upper
 284 100
 142 28.9 27.0 40.6
 249 33.7 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

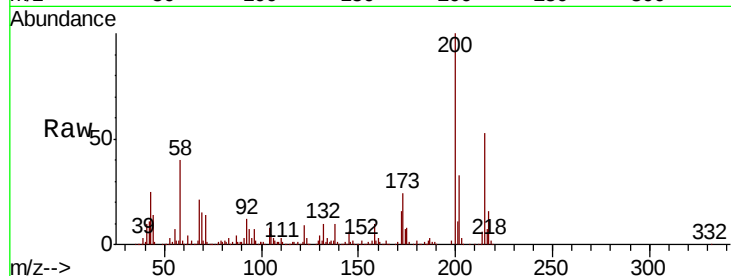




#69
Atrazine
Concen: 52.382 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Instrument :
BNA_G
ClientSampleId :
PB121837BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.9	5.3	45.3
215	52.5	31.8	71.8

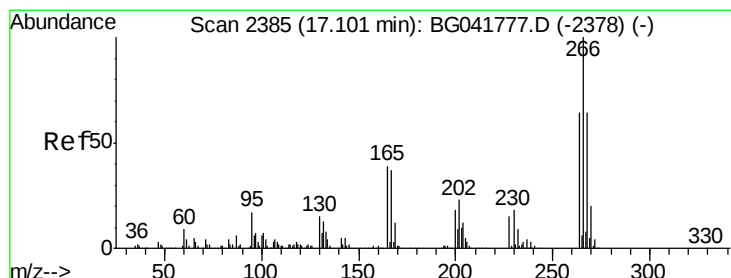
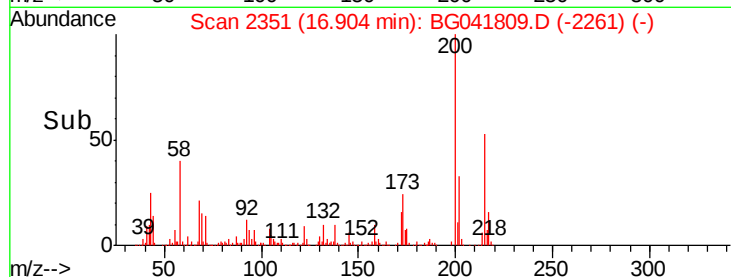
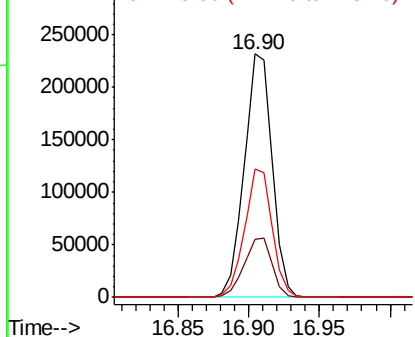


Abundance

Ion 200.00 (199.70 to 200.70): E

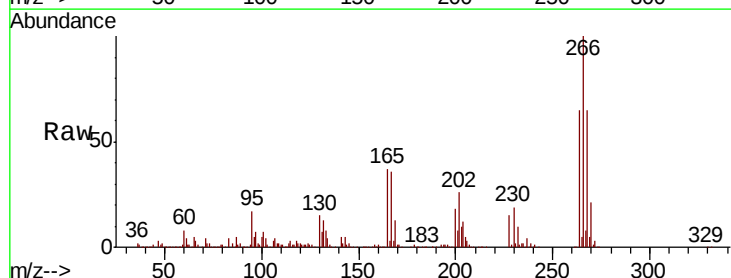
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 102.612 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041809.D
Acq: 30 Jul 2019 19:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	52.9	79.3
264	64.9	51.4	77.2

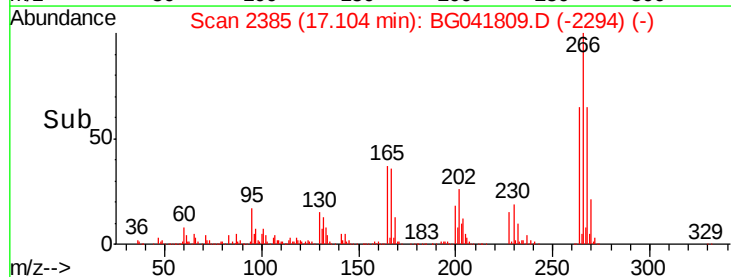
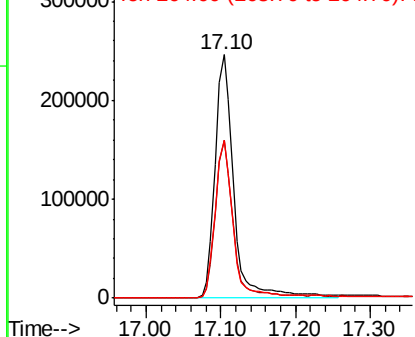


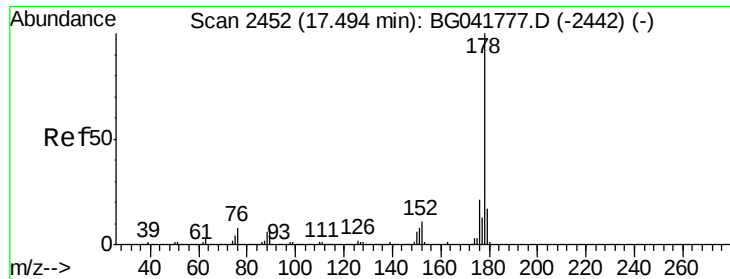
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.155 ng

RT: 17.50 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

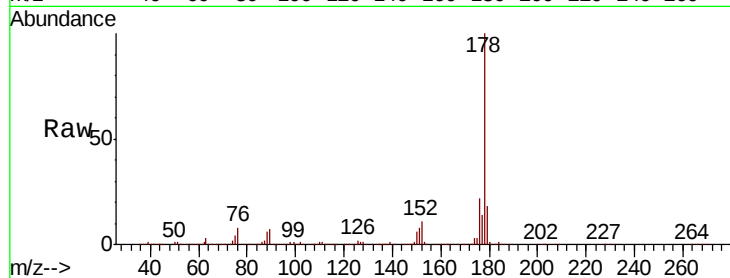
Tgt Ion:178 Resp: 1378022

Ion Ratio Lower Upper

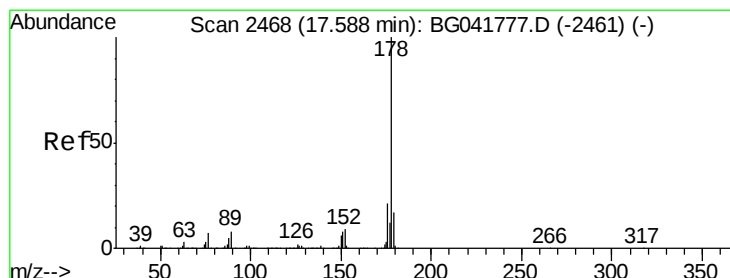
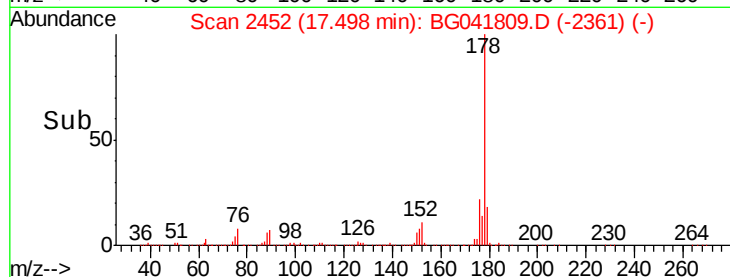
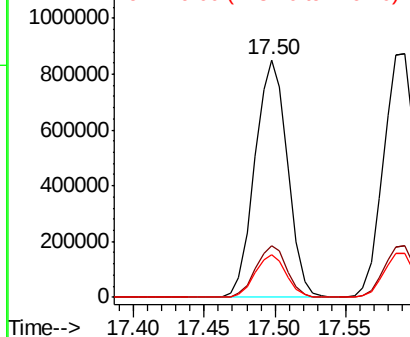
178 100

176 21.8 18.6 28.0

179 17.9 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.260 ng

RT: 17.59 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

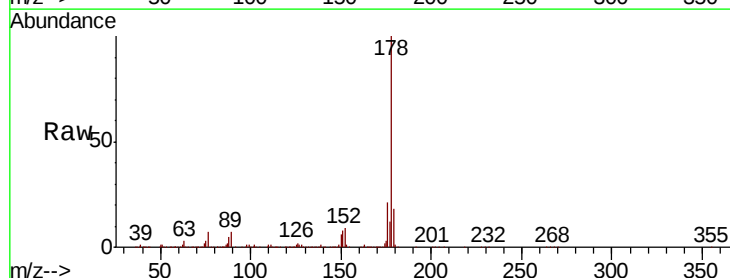
Tgt Ion:178 Resp: 1404617

Ion Ratio Lower Upper

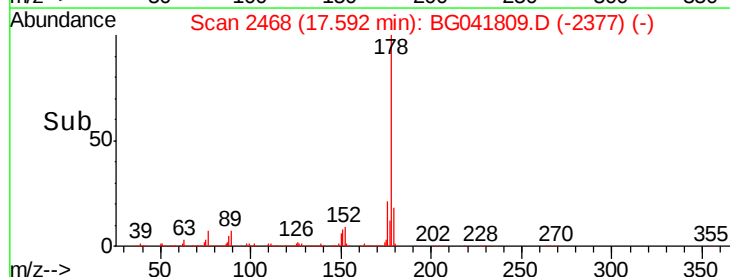
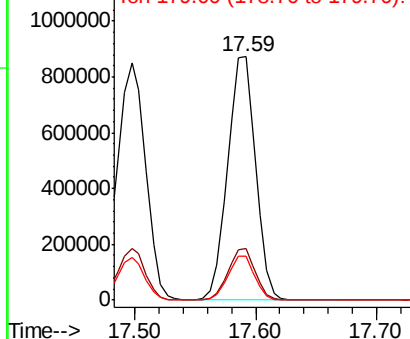
178 100

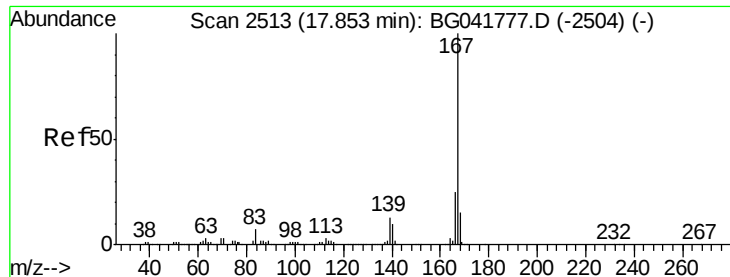
176 21.1 18.6 28.0

179 18.0 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

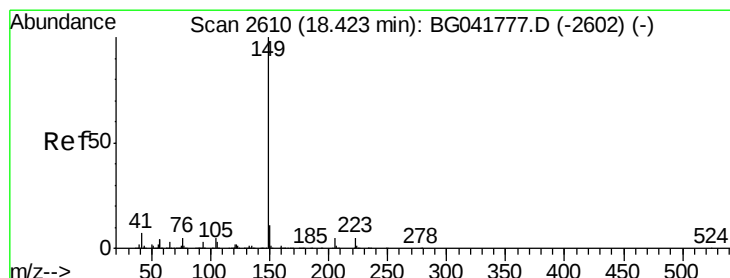
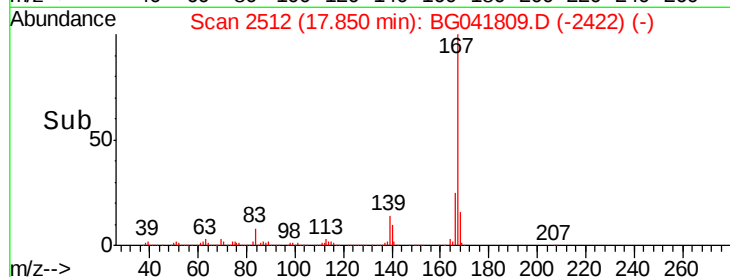
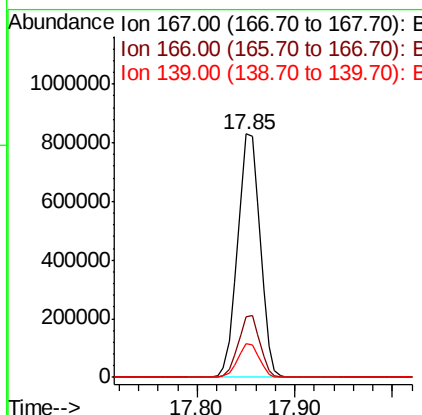
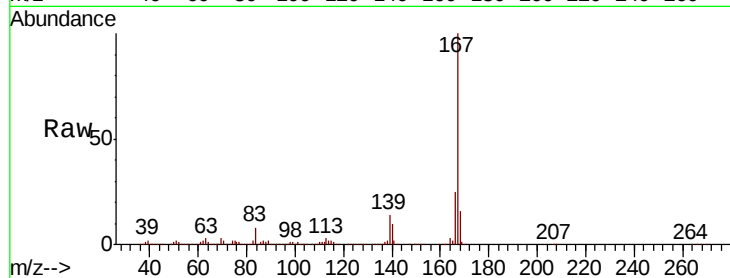




#73
 Carbazole
 Concen: 54.406 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

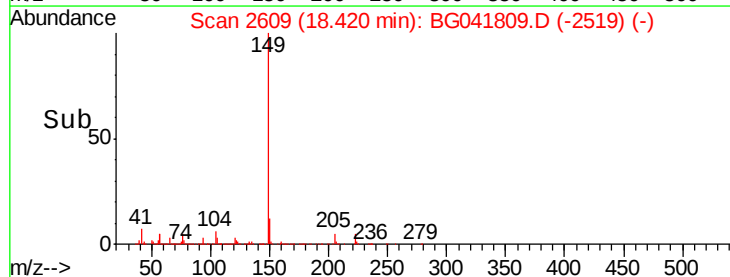
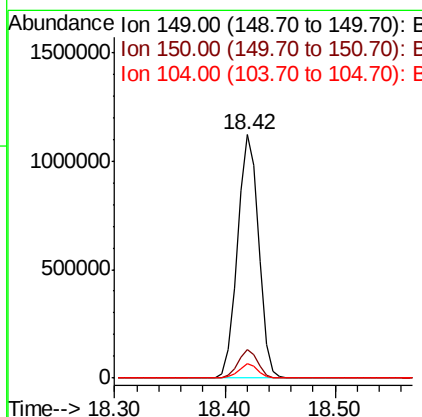
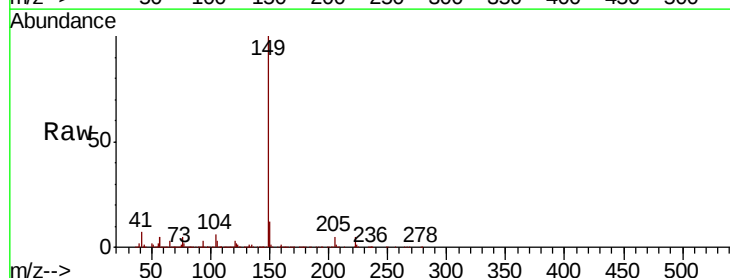
Instrument :
 BNA_G
 ClientSampleId :
 PB121837BS

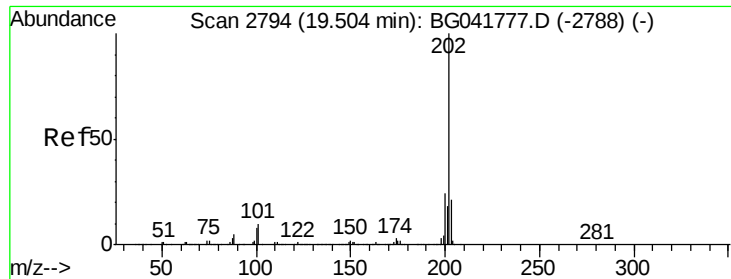
Tgt Ion:167 Resp: 1338083
 Ion Ratio Lower Upper
 167 100
 166 25.1 21.4 32.2
 139 13.6 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 53.960 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041809.D
 Acq: 30 Jul 2019 19:58

Tgt Ion:149 Resp: 1504538
 Ion Ratio Lower Upper
 149 100
 150 11.6 10.2 15.2
 104 5.7 5.3 7.9





#75

Fluoranthene

Concen: 53.927 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

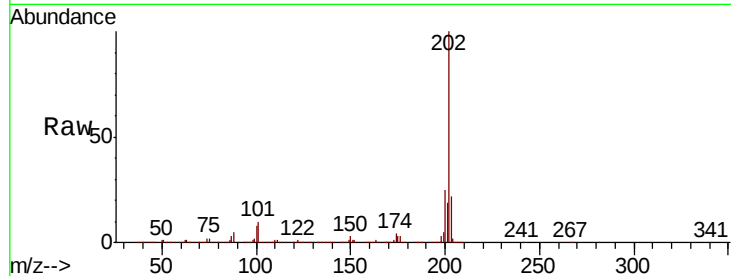
Tgt Ion:202 Resp: 1800966

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.8

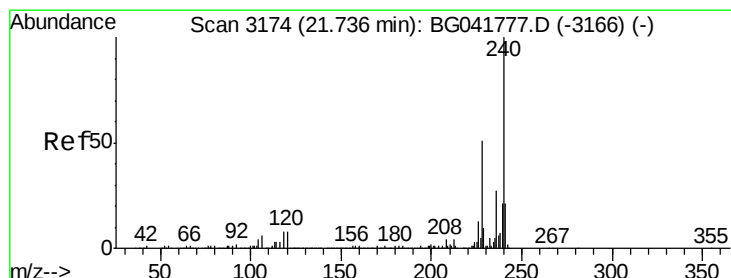
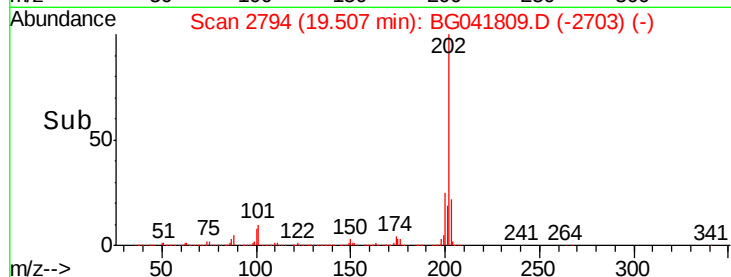
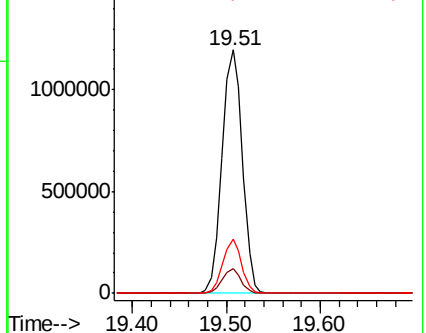
203 22.3 3.7 43.7



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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

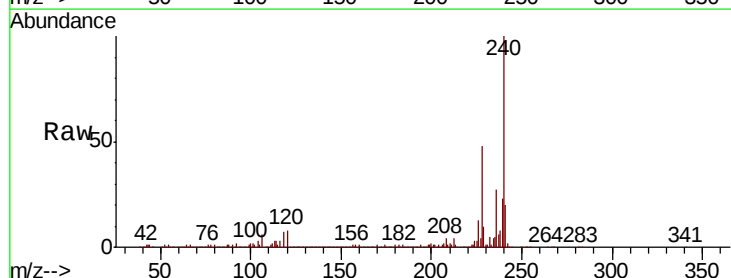
Tgt Ion:240 Resp: 622064

Ion Ratio Lower Upper

240 100

120 7.7 8.0 12.0#

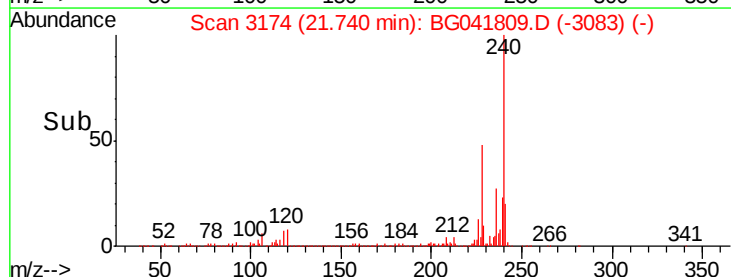
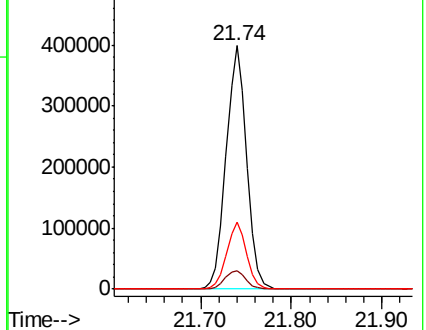
236 27.3 22.6 33.8

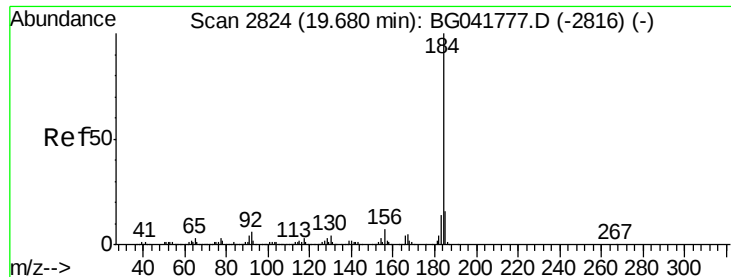


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.591 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

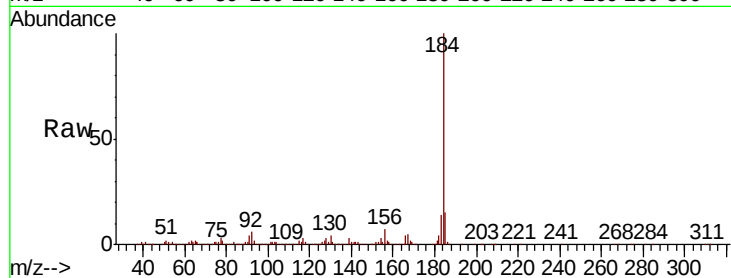
Tgt Ion:184 Resp: 742956

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.4

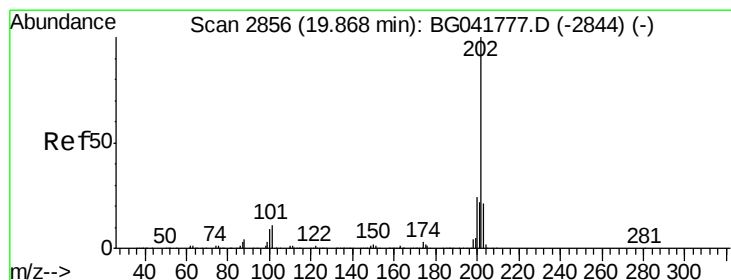
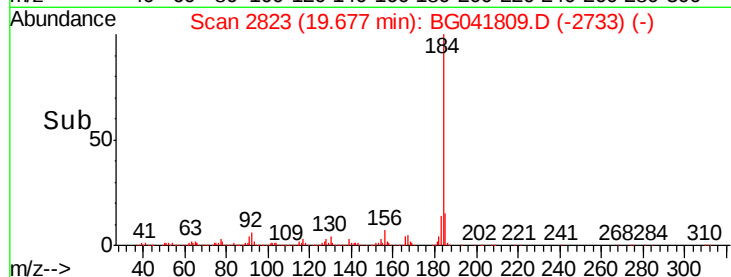
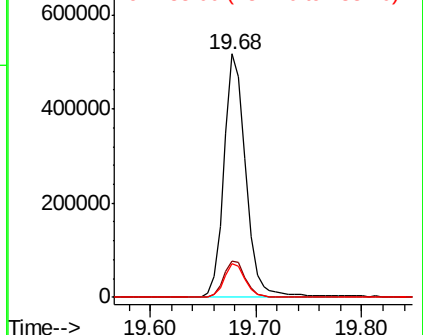
183 13.6 11.8 17.6



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: 49.570 ng

RT: 19.87 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

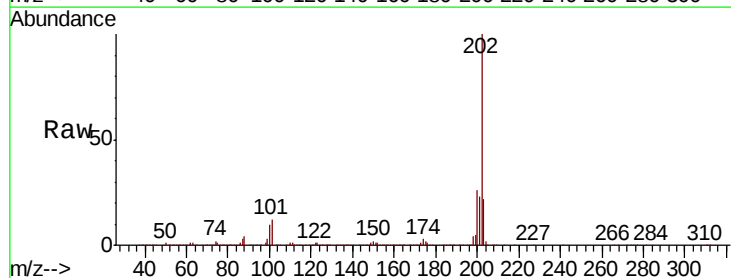
Tgt Ion:202 Resp: 1826974

Ion Ratio Lower Upper

202 100

200 25.7 22.2 33.2

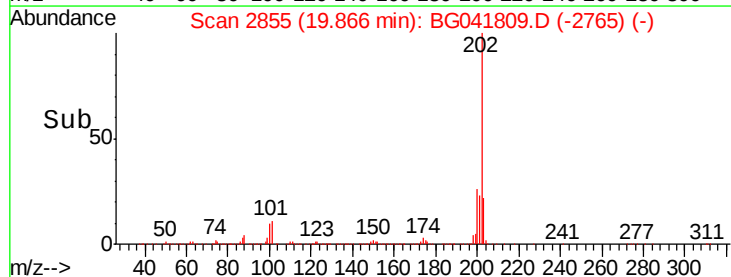
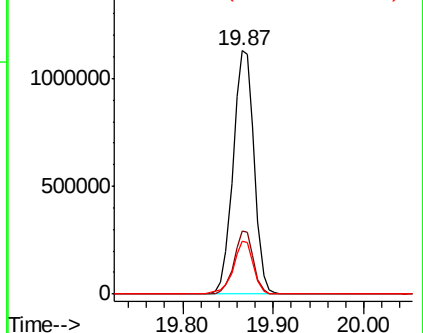
203 21.7 18.9 28.3

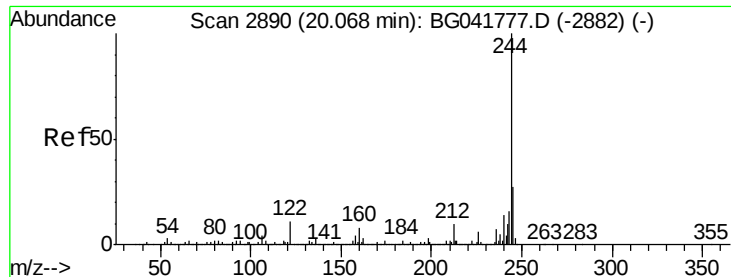


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.920 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

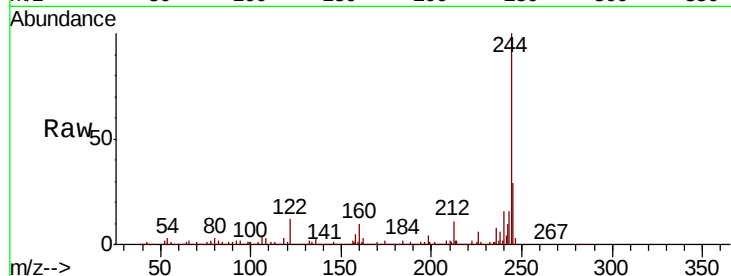
Tgt Ion:244 Resp: 2390095

Ion Ratio Lower Upper

244 100

212 10.8 9.7 14.5

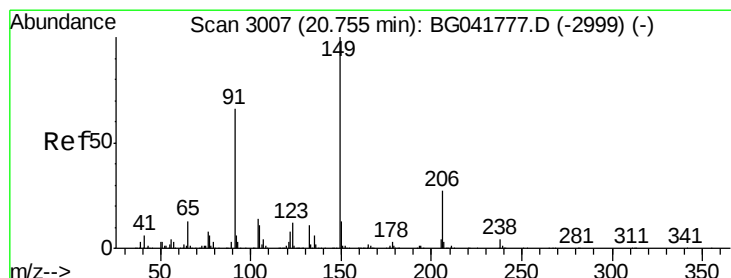
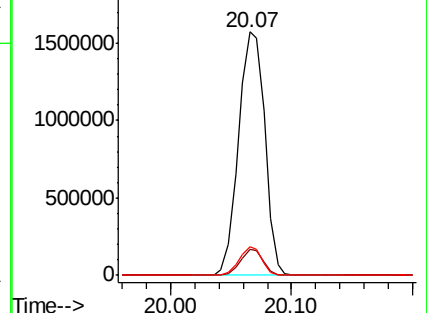
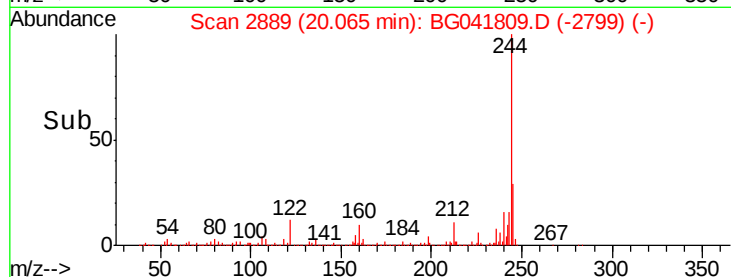
122 12.0 12.5 18.7#



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: 52.942 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

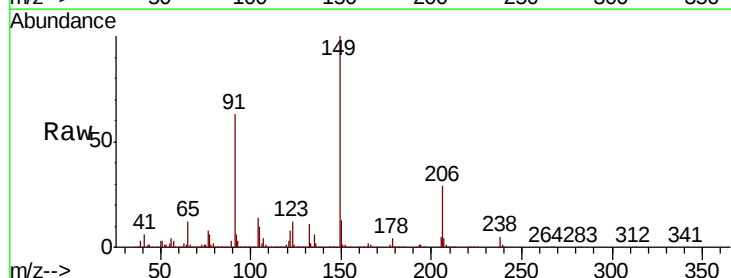
Tgt Ion:149 Resp: 748115

Ion Ratio Lower Upper

149 100

91 62.9 58.9 88.3

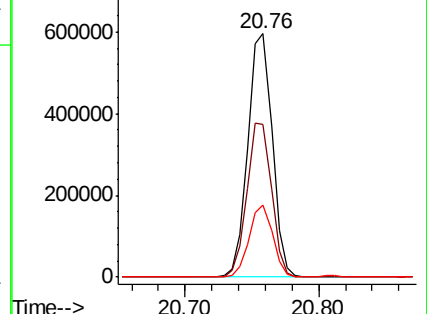
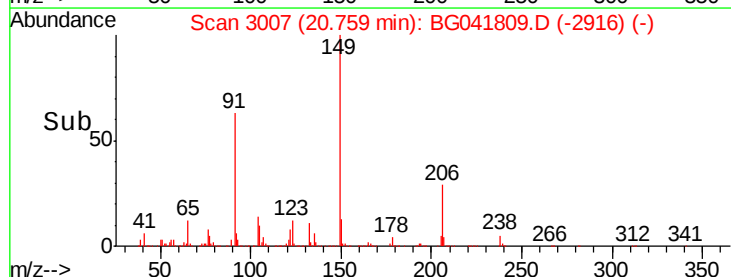
206 29.4 20.8 31.2

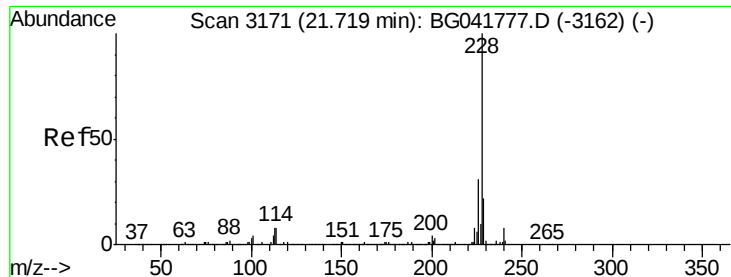


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.419 ng

RT: 21.72 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

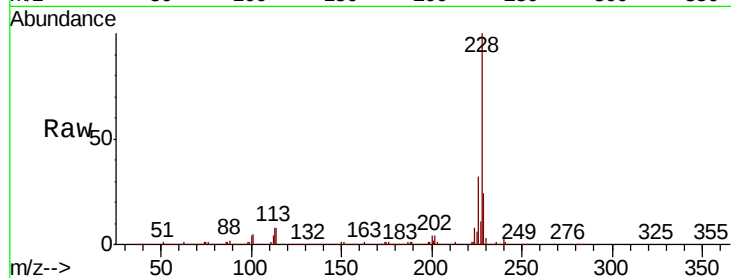
Tgt Ion:228 Resp: 1818831

Ion Ratio Lower Upper

228 100

226 32.0 27.3 40.9

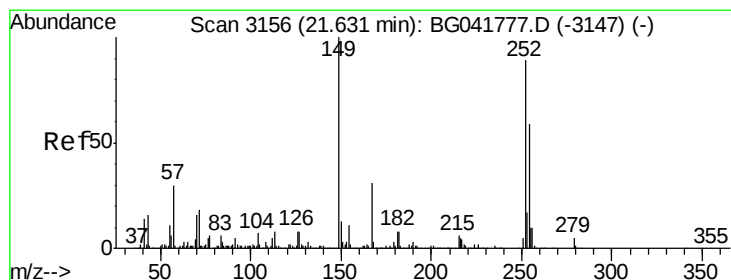
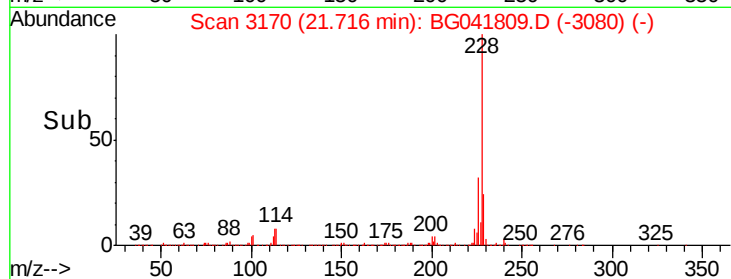
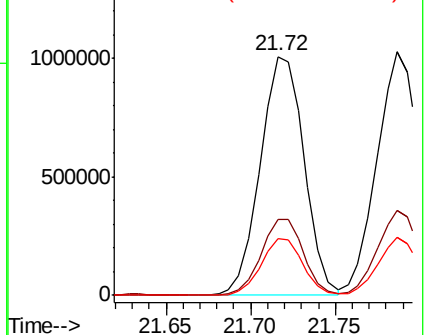
229 23.8 19.7 29.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.434 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

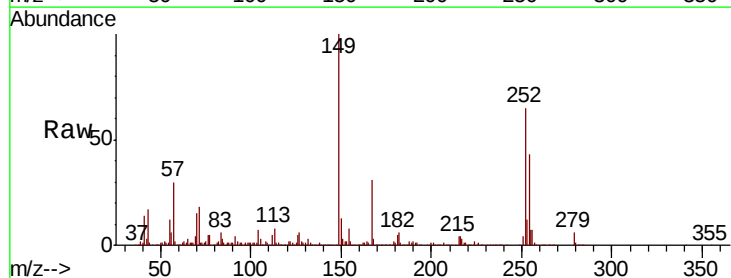
Tgt Ion:252 Resp: 538378

Ion Ratio Lower Upper

252 100

254 65.3 53.8 80.6

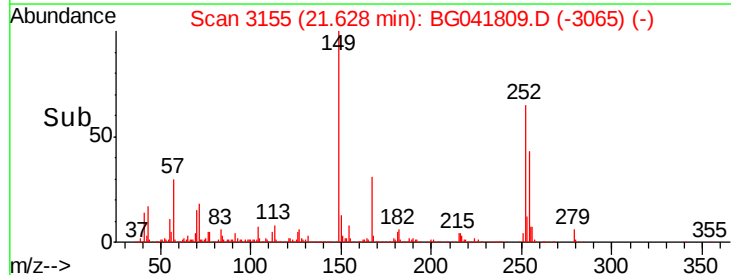
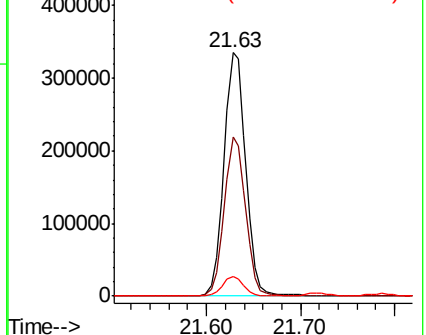
126 8.2 7.8 11.8

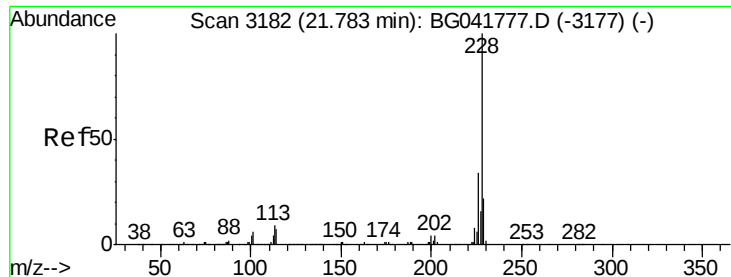


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.711 ng

RT: 21.79 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampled :

PB121837BS

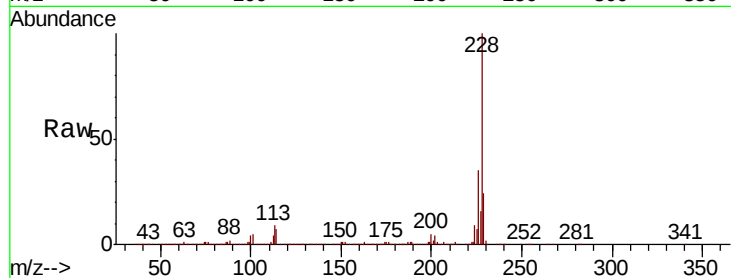
Tgt Ion:228 Resp: 1789057

Ion Ratio Lower Upper

228 100

226 35.0 30.1 45.1

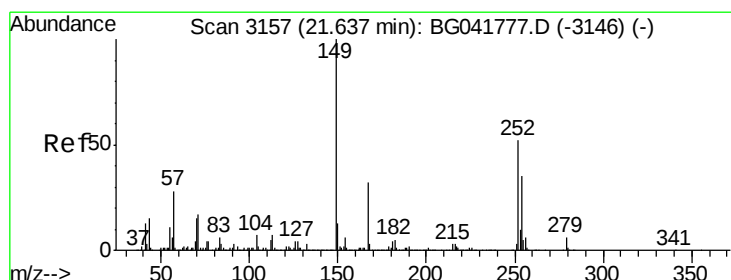
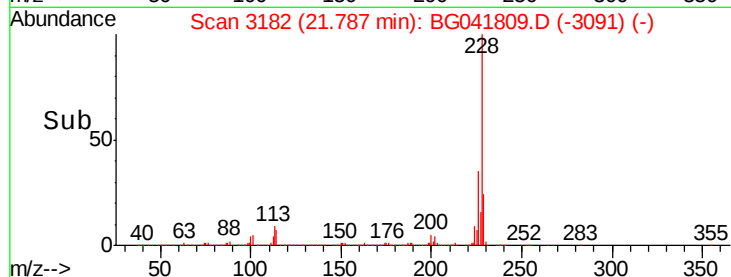
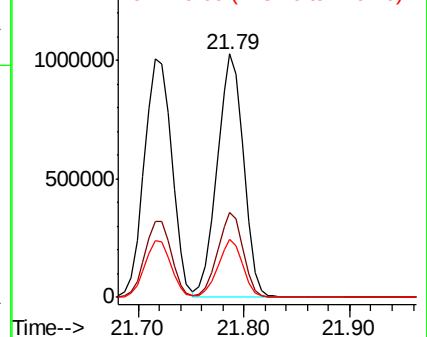
229 23.6 19.8 29.6



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: 53.043 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

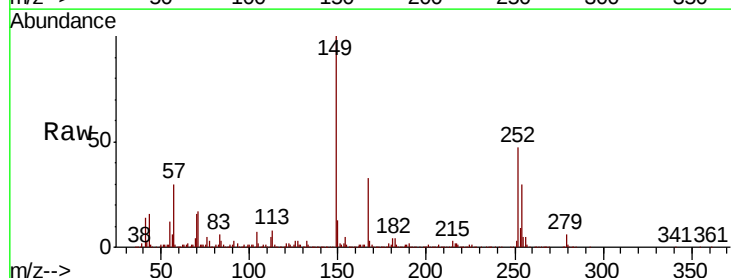
Tgt Ion:149 Resp: 1033922

Ion Ratio Lower Upper

149 100

167 32.9 27.0 40.4

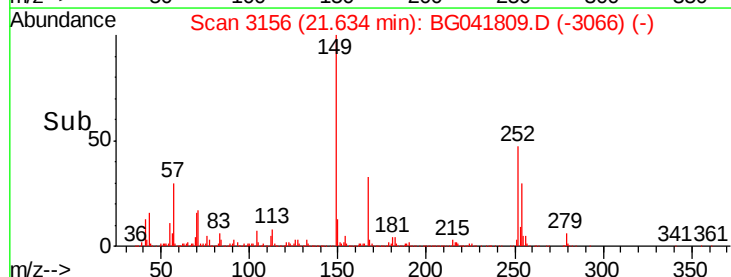
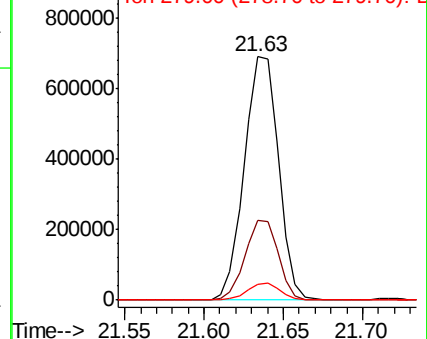
279 6.5 5.0 7.6

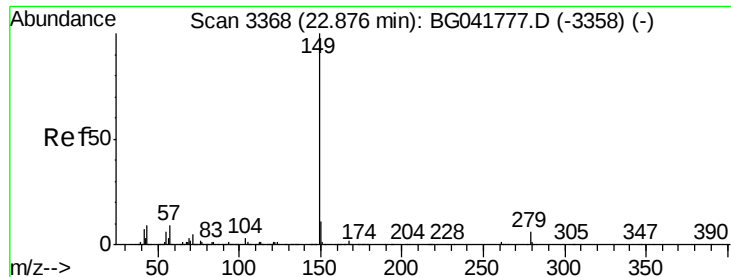


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.166 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

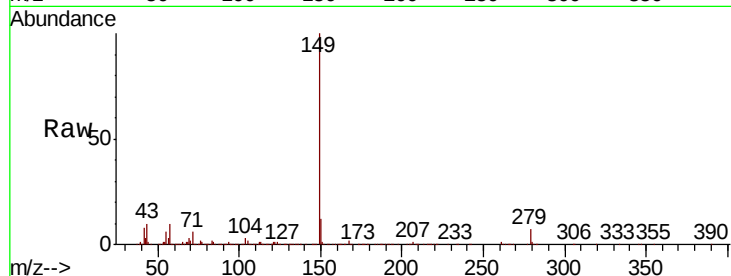
Tgt Ion:149 Resp: 1776885

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

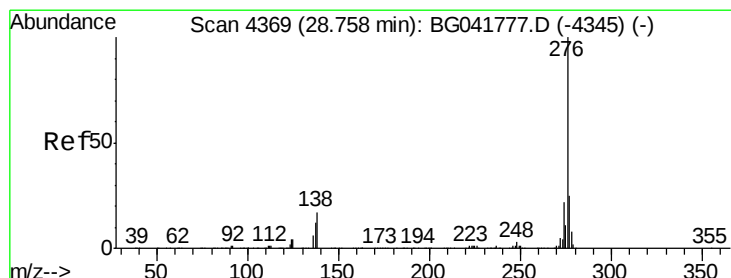
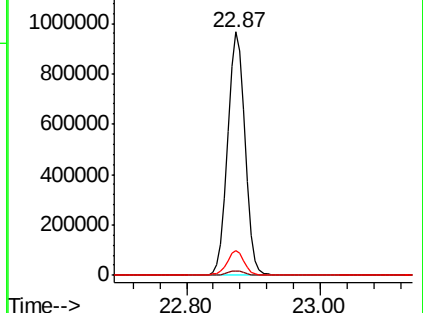
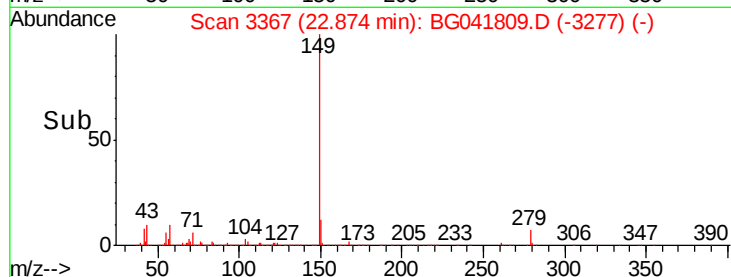
43 9.7 10.6 16.0#



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: 51.747 ng

RT: 28.77 min Scan# 4370

Delta R.T. 0.01 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

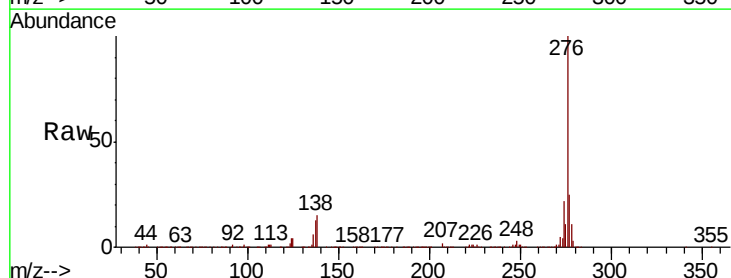
Tgt Ion:276 Resp: 2416682

Ion Ratio Lower Upper

276 100

138 13.2 19.4 29.0#

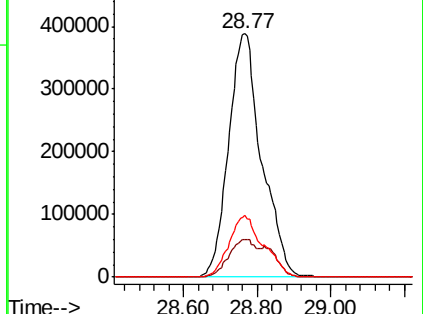
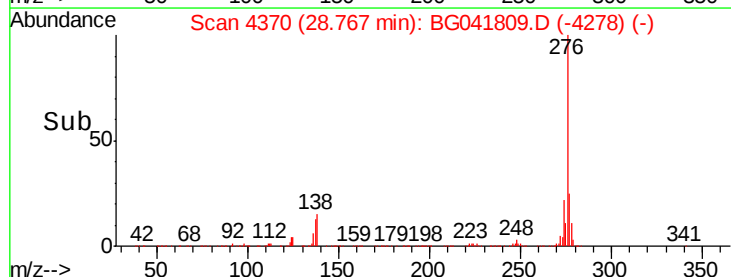
277 26.3 21.2 31.8

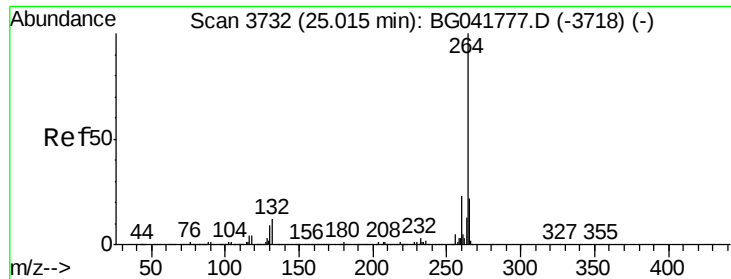


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

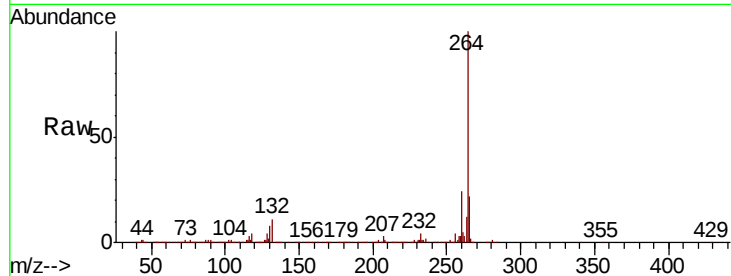
Tgt Ion:264 Resp: 644295

Ion Ratio Lower Upper

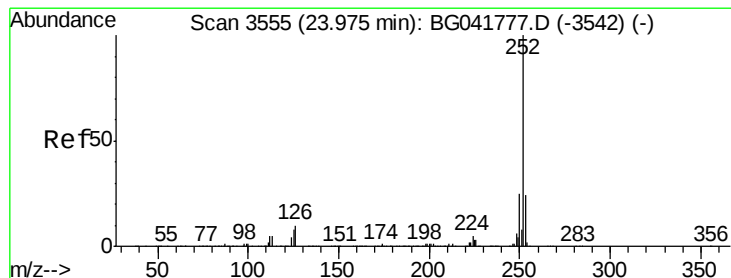
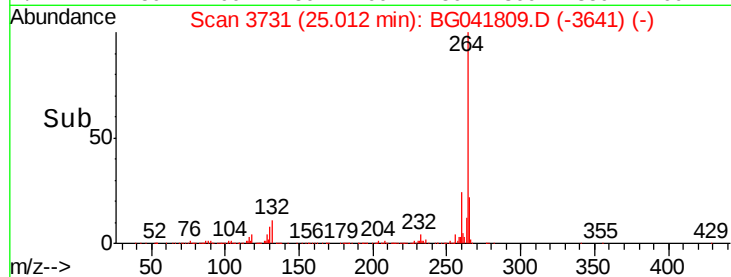
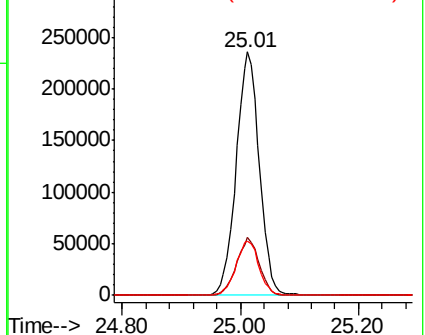
264 100

260 23.8 19.5 29.3

265 22.1 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: 56.636 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.07 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

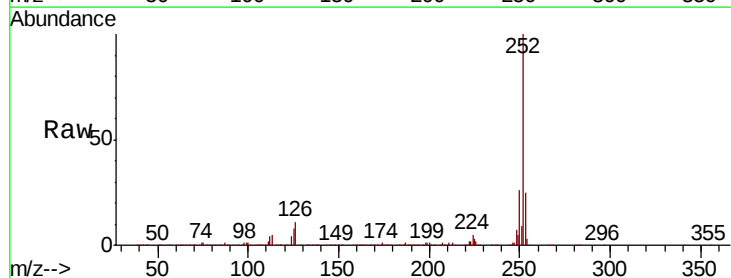
Tgt Ion:252 Resp: 1996177

Ion Ratio Lower Upper

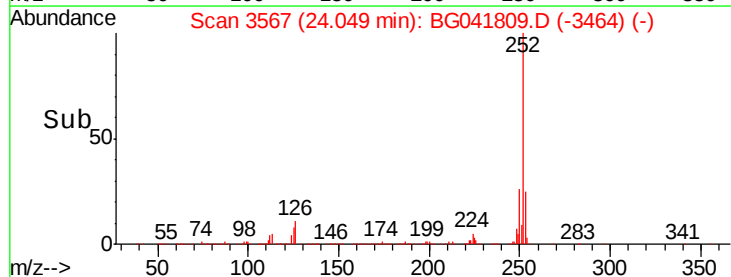
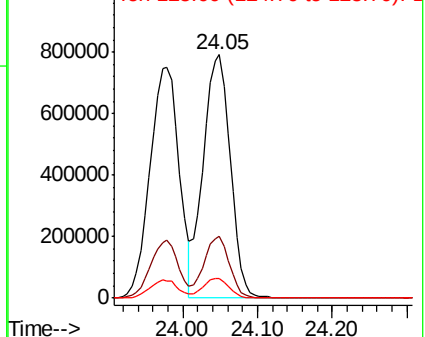
252 100

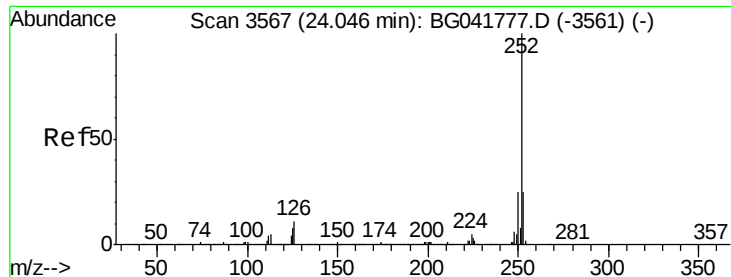
253 25.3 20.6 30.8

125 8.0 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: 58.142 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

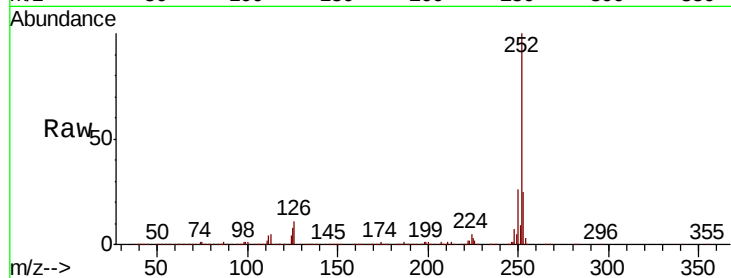
Tgt Ion:252 Resp: 1996177

Ion Ratio Lower Upper

252 100

253 25.3 20.5 30.7

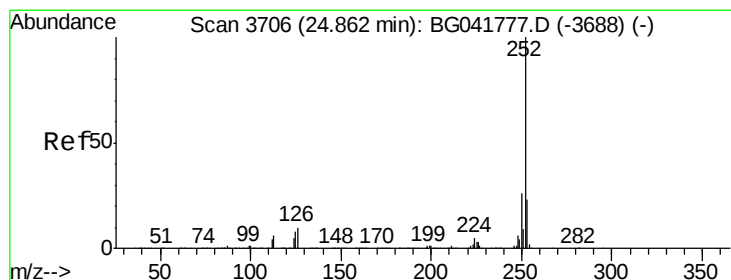
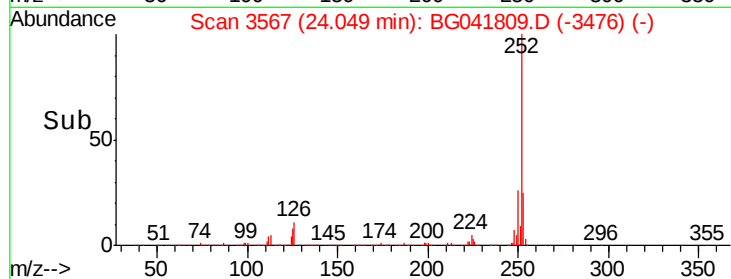
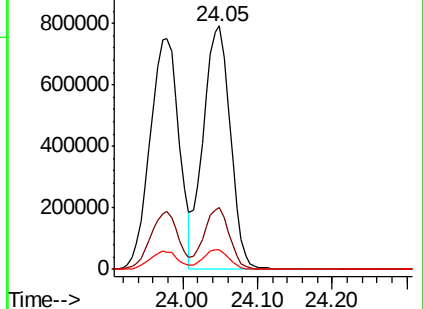
125 8.0 8.4 12.6#



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: 59.678 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

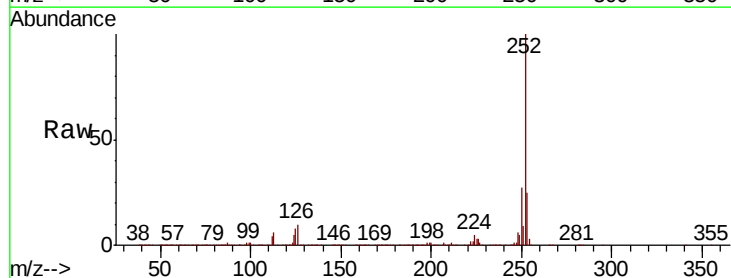
Tgt Ion:252 Resp: 2017330

Ion Ratio Lower Upper

252 100

253 24.6 19.8 29.8

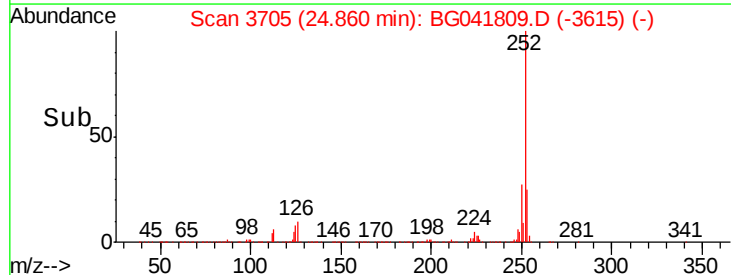
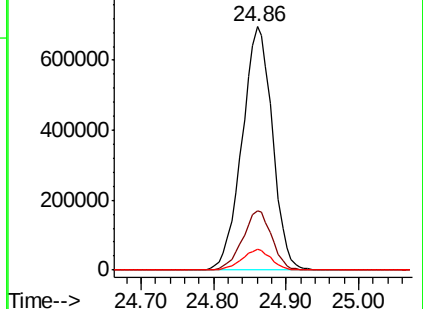
125 8.4 8.8 13.2#

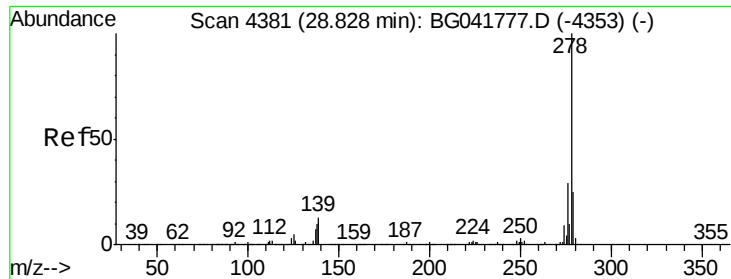


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 60.039 ng

RT: 28.83 min Scan# 4381

Delta R.T. 0.00 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

Instrument :

BNA_G

ClientSampleId :

PB121837BS

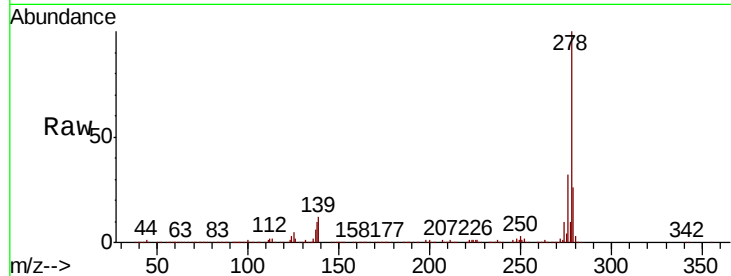
Tgt Ion:278 Resp: 1992787

Ion Ratio Lower Upper

278 100

139 11.9 12.6 19.0#

279 25.7 20.5 30.7

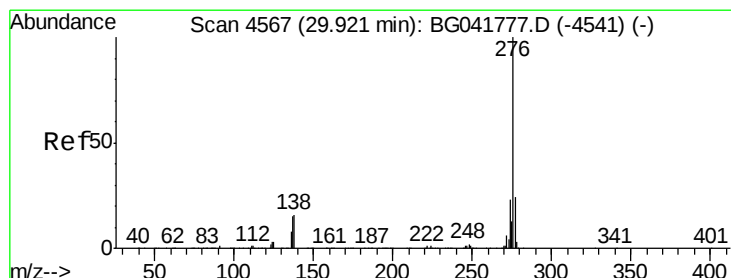
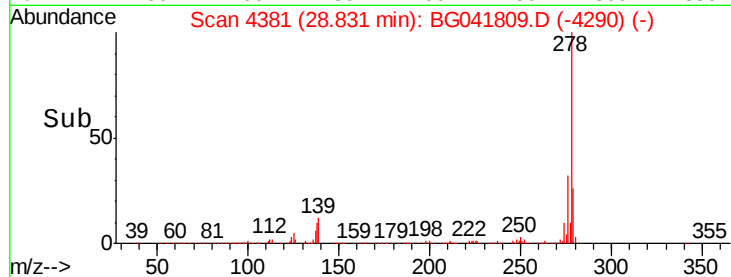
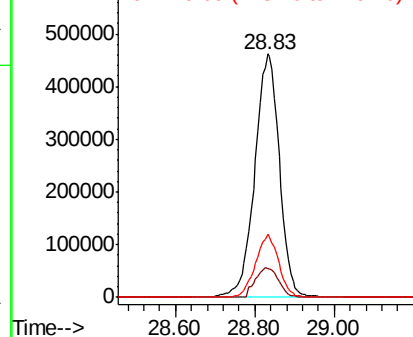


Abundance

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: 60.791 ng

RT: 29.94 min Scan# 4569

Delta R.T. 0.02 min

Lab File: BG041809.D

Acq: 30 Jul 2019 19:58

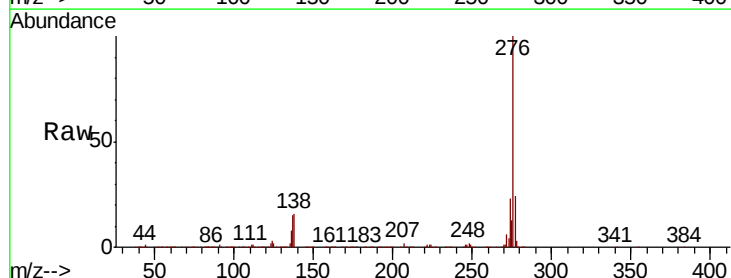
Tgt Ion:276 Resp: 2015887

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 16.1 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

