

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040572.D
 Acq On : 19 Apr 2019 21:40
 Operator : JU/SJ
 Sample : PB119049BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

Quant Time: Apr 19 23:12:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	68358	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	289426	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	182240	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	452854	20.00	ng	0.00
76) Chrysene-d12	21.69	240	470071	20.00	ng	0.00
87) Perylene-d12	24.96	264	414255	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	325371	79.13	ng	-0.02
7) Phenol-d6	7.19	99	477056	83.95	ng	0.00
23) Nitrobenzene-d5	9.21	82	454572	83.48	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	177848	90.30	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	974091	79.20	ng	0.00
79) Terphenyl-d14	20.01	244	1698862	81.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	73781	38.159	ng	98
3) Pyridine	3.88	79	203731	39.135	ng	100
4) n-Nitrosodimethylamine	3.80	42	102631	42.619	ng	# 95
6) Aniline	7.36	93	269911	36.557	ng	99
8) 2-Chlorophenol	7.59	128	191405	39.764	ng	98
9) Benzaldehyde	7.18	77	86517	22.195	ng	99
10) Phenol	7.22	94	265074	42.974	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	195011	39.473	ng	99
12) 1,3-Dichlorobenzene	7.92	146	206636	39.491	ng	98
13) 1,4-Dichlorobenzene	8.06	146	211771	40.635	ng	99
14) 1,2-Dichlorobenzene	8.39	146	200053	40.141	ng	100
15) Benzyl Alcohol	8.28	79	183984	40.201	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	382853	40.379	ng	98
17) 2-Methylphenol	8.47	107	174141	40.799	ng	99
18) Hexachloroethane	9.11	117	76054	38.366	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	162472	39.876	ng	98
20) 3+4-Methylphenols	8.80	107	246719	42.668	ng	96
22) Acetophenone	8.86	105	313732	43.455	ng	# 94
24) Nitrobenzene	9.25	77	245283	43.501	ng	97
25) Isophorone	9.76	82	469627	41.917	ng	99
26) 2-Nitrophenol	9.96	139	116981	43.784	ng	97
27) 2,4-Dimethylphenol	10.00	122	181034	42.657	ng	98
28) bis(2-Chloroethoxy)methane	10.24	93	268239	40.468	ng	98
29) 2,4-Dichlorophenol	10.49	162	198286	43.045	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	209012	41.322	ng	97
31) Naphthalene	10.90	128	637304	42.959	ng	98
32) Benzoic acid	10.18	122	85897	33.499	ng	91
33) 4-Chloroaniline	11.01	127	271516	42.907	ng	98
34) Hexachlorobutadiene	11.15	225	129865	40.145	ng	96
35) Caprolactam	11.81	113	62007	33.920	ng	100
36) 4-Chloro-3-methylphenol	12.12	107	344827	65.114	ng	96
37) 2-Methylnaphthalene	12.49	142	656514	59.836	ng	100
38) 1-Methylnaphthalene	12.72	142	527523	49.582	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	240130	41.457	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040572.D
 Acq On : 19 Apr 2019 21:40
 Operator : JU/SJ
 Sample : PB119049BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

Quant Time: Apr 19 23:12:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	185726	58.398	ng	95
43) 2,4,6-Trichlorophenol	13.10	196	156423	41.887	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	170043	41.775	ng	98
46) 1,1'-Biphenyl	13.50	154	601246	41.755	ng	98
47) 2-Chloronaphthalene	13.55	162	463787	41.990	ng	98
48) 2-Nitroaniline	13.76	65	173120	46.467	ng	95
49) Acenaphthylene	14.39	152	761479	40.662	ng	99
50) Dimethylphthalate	14.12	163	611864	42.899	ng	98
51) 2,6-Dinitrotoluene	14.25	165	142199	44.402	ng	99
52) Acenaphthene	14.73	154	455015	42.403	ng	98
53) 3-Nitroaniline	14.59	138	150983	44.538	ng	90
54) 2,4-Dinitrophenol	14.79	184	149693	87.891	ng	99
55) Dibenzofuran	15.06	168	745159	43.215	ng	96
56) 4-Nitrophenol	14.89	139	241269	88.184	ng	91
57) 2,4-Dinitrotoluene	15.04	165	204056	45.856	ng	92
58) Fluorene	15.71	166	589277	43.468	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	153661	41.601	ng	97
60) Diethylphthalate	15.47	149	648012	44.399	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	309182	42.667	ng	95
62) 4-Nitroaniline	15.76	138	172197	47.333	ng	96
63) Azobenzene	15.99	77	611847	44.443	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	119319	46.898	ng	92
66) n-Nitrosodiphenylamine	15.92	169	550985	41.578	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	209934	41.194	ng	97
68) Hexachlorobenzene	16.71	284	214306	41.824	ng	96
69) Atrazine	16.85	200	50032	10.149	ng	97
70) Pentachlorophenol	17.06	266	206373	69.665	ng	98
71) Phenanthrene	17.45	178	1008207	42.357	ng	99
72) Anthracene	17.55	178	1011526	42.457	ng	99
73) Carbazole	17.82	167	1101060	48.833	ng	99
74) Di-n-butylphthalate	18.35	149	1143640	42.790	ng	99
75) Fluoranthene	19.46	202	1224350	43.439	ng	100
77) Benzidine	19.65	184	633128	37.298	ng	98
78) Pyrene	19.83	202	1238412	40.062	ng	97
80) Butylbenzylphthalate	20.70	149	703914	53.215	ng	96
81) Benzo(a)anthracene	21.67	228	1200666	41.468	ng	96
82) 3,3'-Dichlorobenzidine	21.58	252	447208	40.603	ng	98
83) Chrysene	21.74	228	1134514	40.771	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	801605	42.393	ng	99
85) Di-n-octyl phthalate	22.75	149	1373249	42.626	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1830059	53.772	ng	# 89
88) Benzo(b)fluoranthene	23.92	252	1246542	49.149	ng	98
89) Benzo(k)fluoranthene	23.99	252	1186891	50.888	ng	99
90) Benzo(a)pyrene	24.81	252	1267482	53.264	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	1524533	68.980	ng	97
92) Benzo(g,h,i)perylene	29.92	276	1190097	52.396	ng	98

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

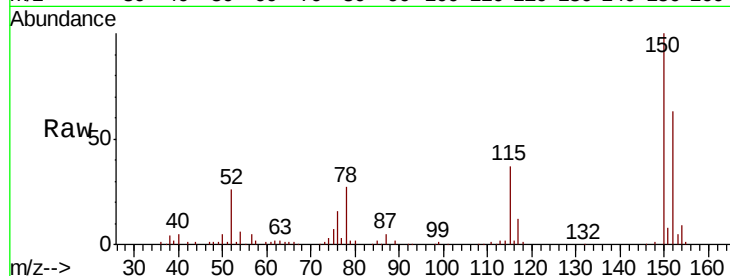


#1

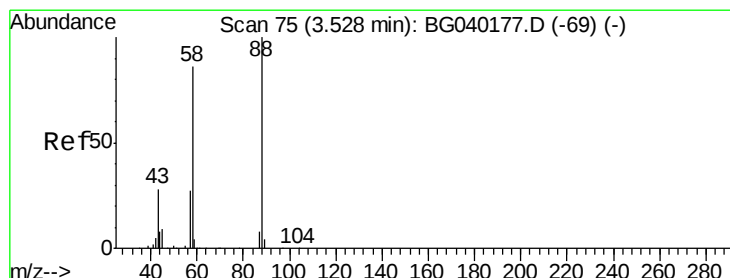
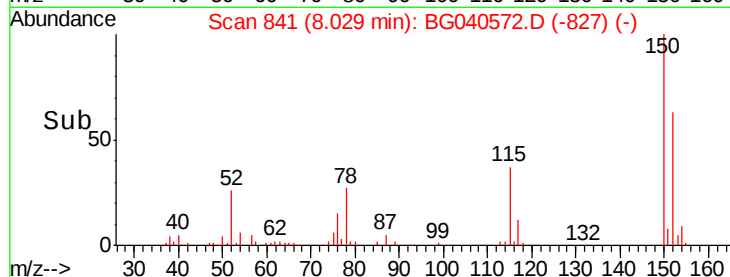
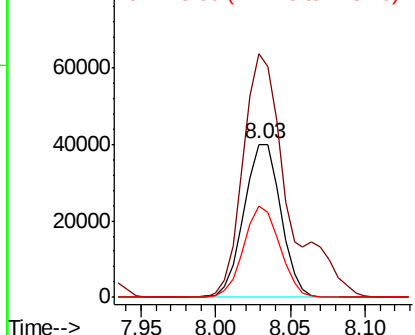
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Instrument :
BNA_G
ClientSampleId :
PB119049BS

Tgt Ion:152 Resp: 68358
Ion Ratio Lower Upper
152 100
150 158.8 123.7 185.5
115 59.2 46.9 70.3



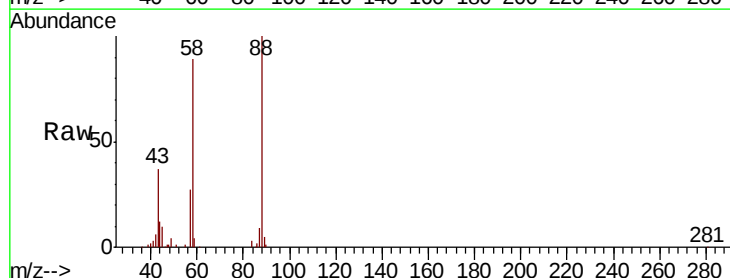
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



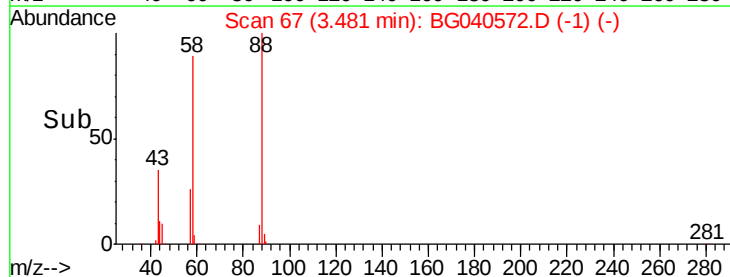
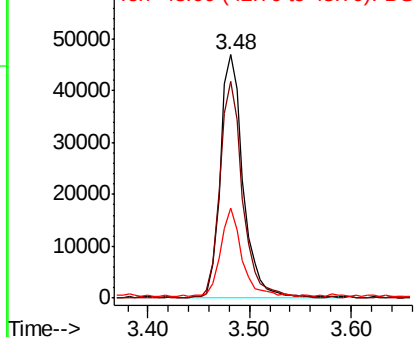
#2

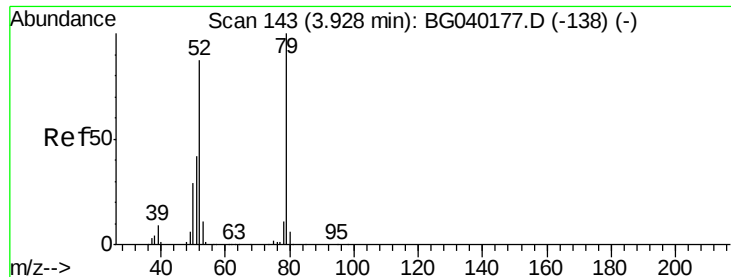
1,4-Dioxane
Concen: 38.159 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.02 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Tgt Ion: 88 Resp: 73781
Ion Ratio Lower Upper
88 100
58 89.1 70.6 106.0
43 34.2 24.8 37.2



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: 39.135 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

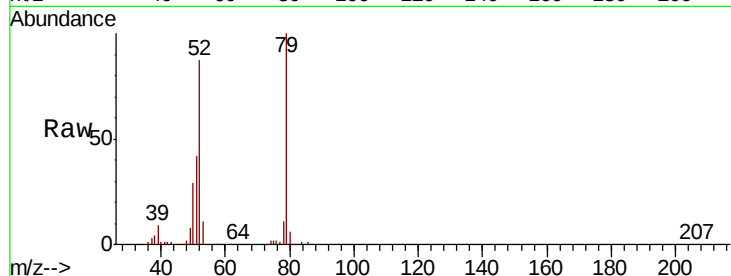
Tgt Ion: 79 Resp: 203731

Ion Ratio Lower Upper

79 100

52 86.9 69.8 104.8

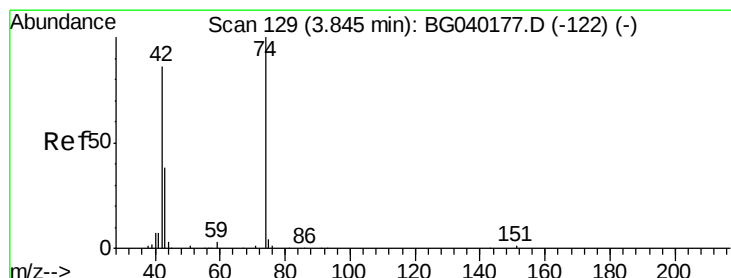
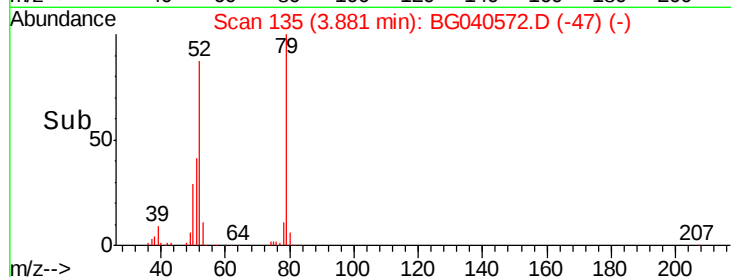
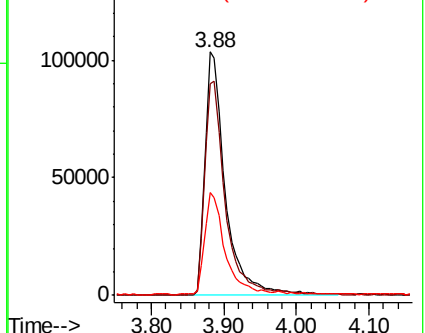
51 42.3 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.619 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

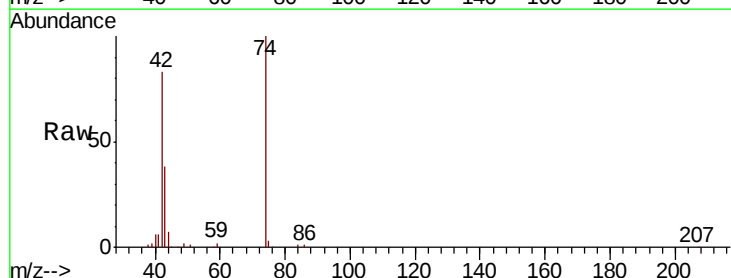
Tgt Ion: 42 Resp: 102631

Ion Ratio Lower Upper

42 100

74 120.7 92.9 139.3

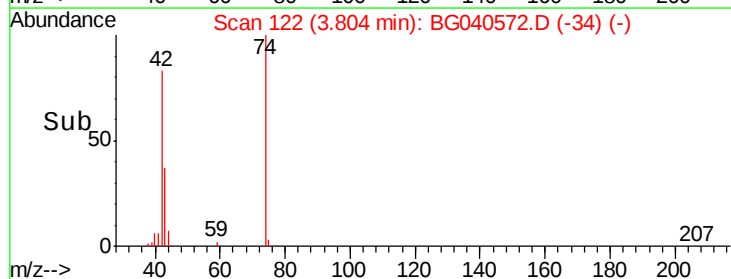
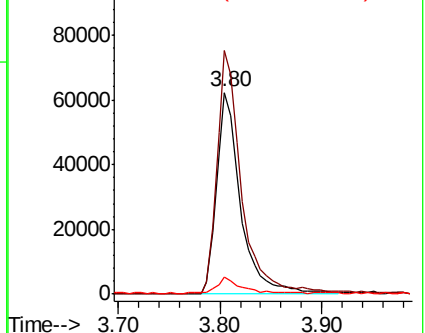
44 8.7 9.7 14.5#



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: 79.128 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.02 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

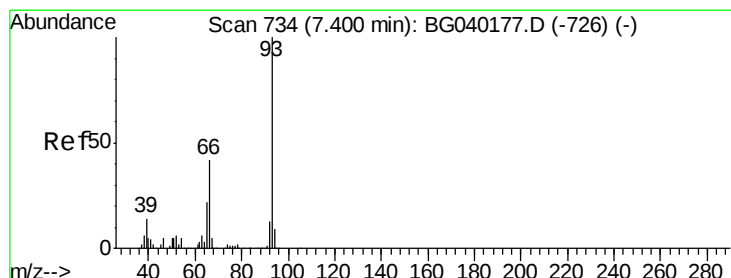
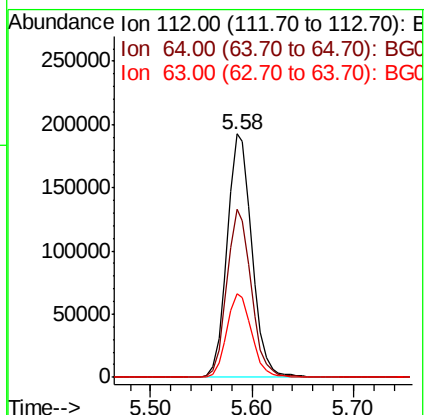
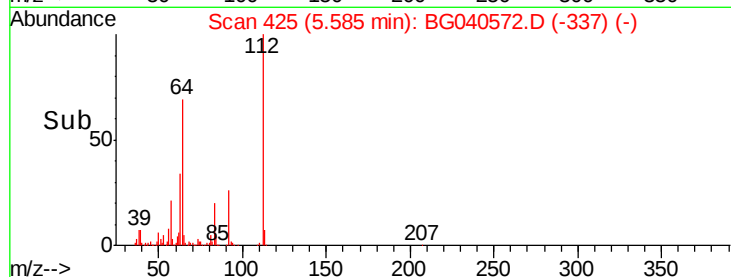
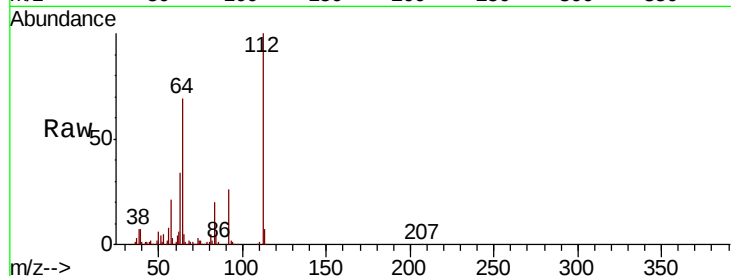
Tgt Ion: 112 Resp: 325371

Ion Ratio Lower Upper

112 100

64 69.3 54.2 81.2

63 34.4 26.4 39.6



#6

Aniline

Concen: 36.557 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

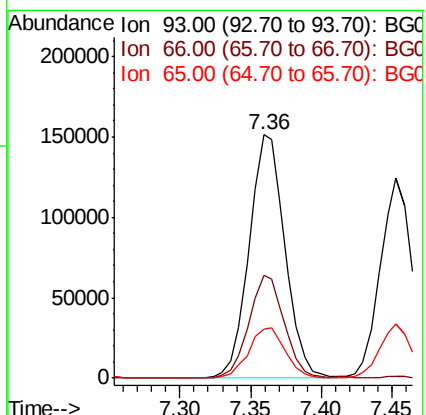
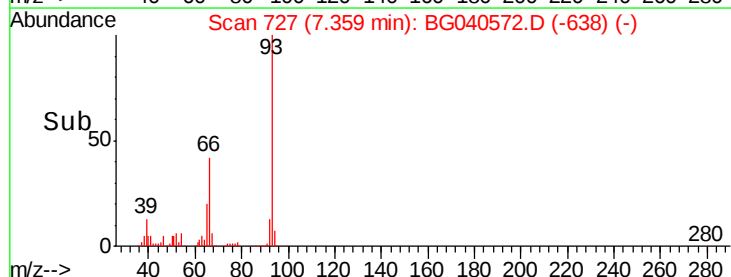
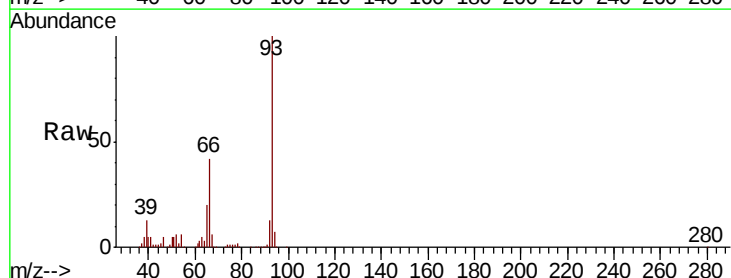
Tgt Ion: 93 Resp: 269911

Ion Ratio Lower Upper

93 100

66 42.1 33.6 50.4

65 20.3 17.4 26.2





#7

Phenol-d6

Concen: 83.947 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

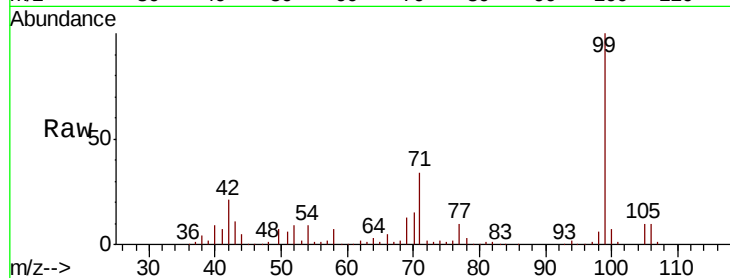
Tgt Ion: 99 Resp: 477056

Ion Ratio Lower Upper

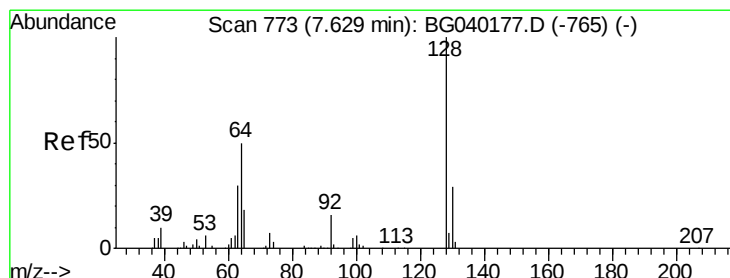
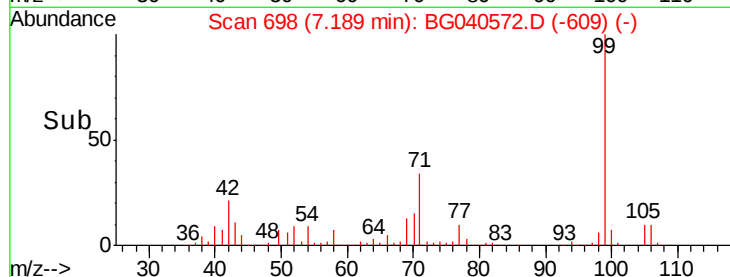
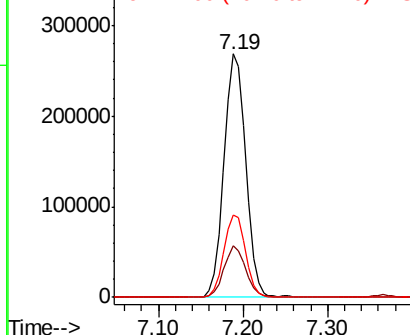
99 100

42 21.1 16.2 24.2

71 33.9 26.8 40.2



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: 39.764 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

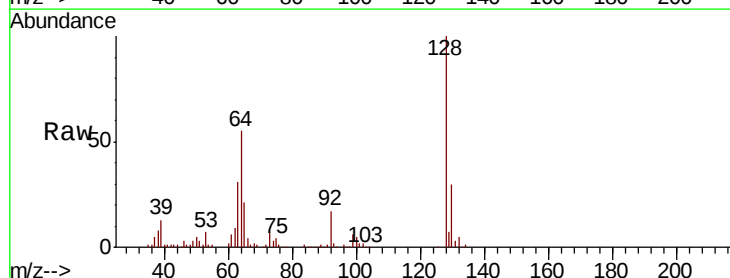
Tgt Ion: 128 Resp: 191405

Ion Ratio Lower Upper

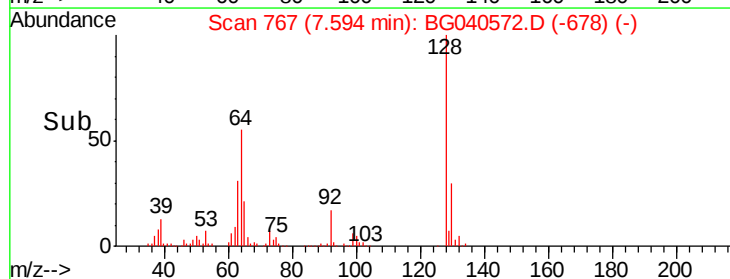
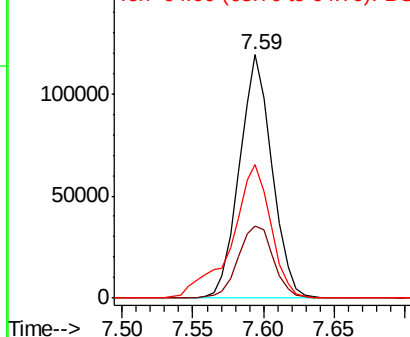
128 100

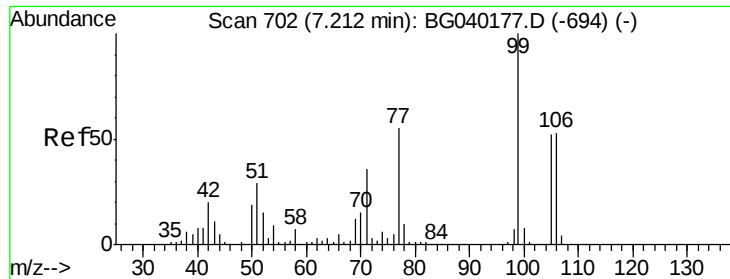
130 29.8 9.1 49.1

64 54.8 33.1 73.1



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





#9

Benzaldehyde

Concen: 22.195 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

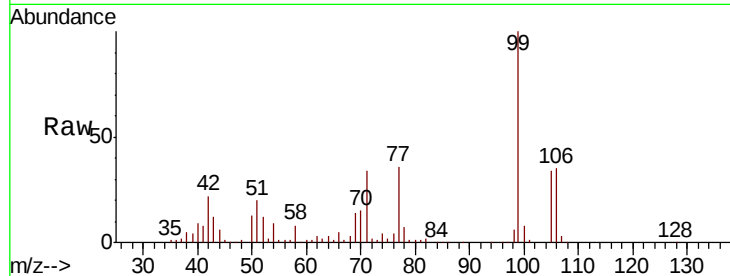
Tgt Ion: 77 Resp: 86517

Ion Ratio Lower Upper

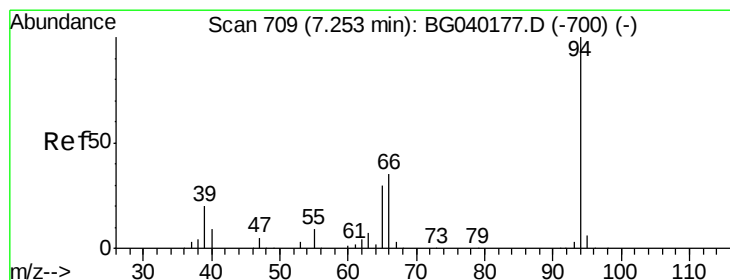
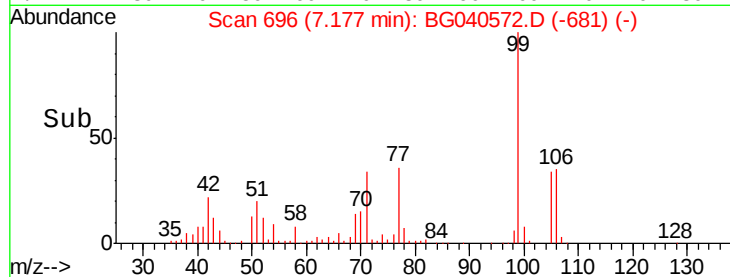
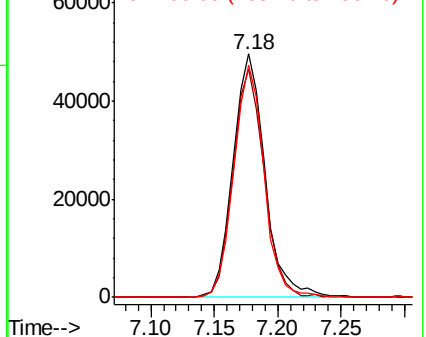
77 100

105 93.7 75.0 115.0

106 95.2 75.7 115.7



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: 42.974 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

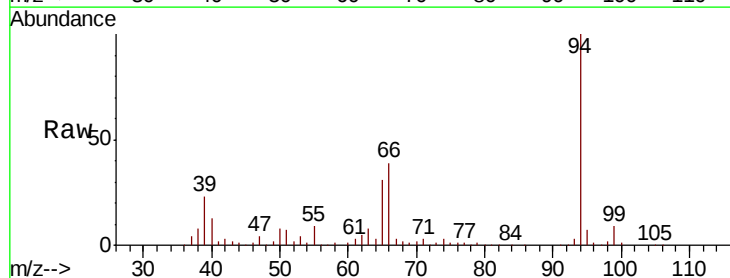
Tgt Ion: 94 Resp: 265074

Ion Ratio Lower Upper

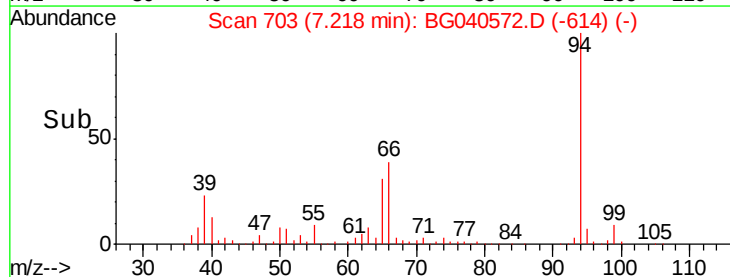
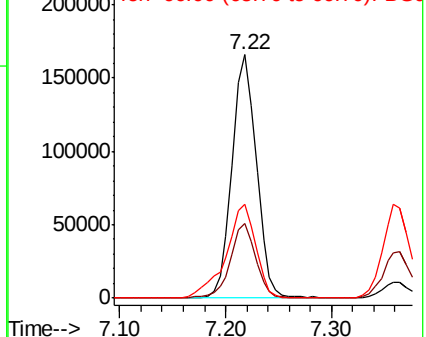
94 100

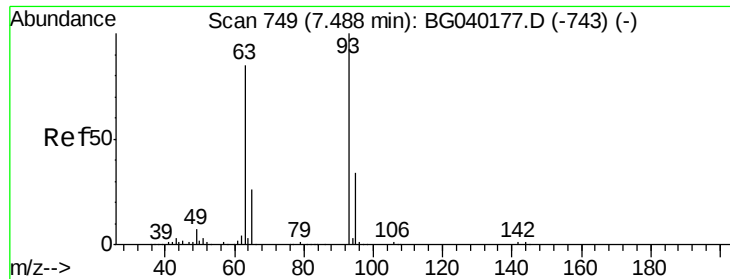
65 30.9 10.5 50.5

66 38.7 16.9 56.9



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

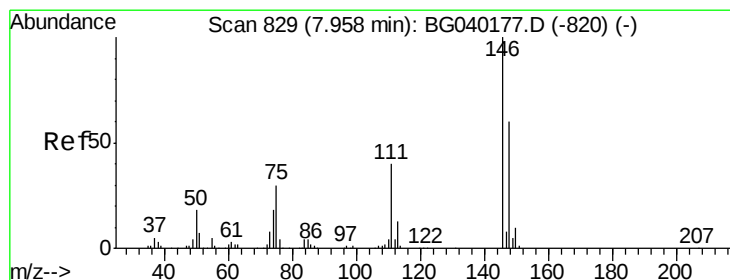
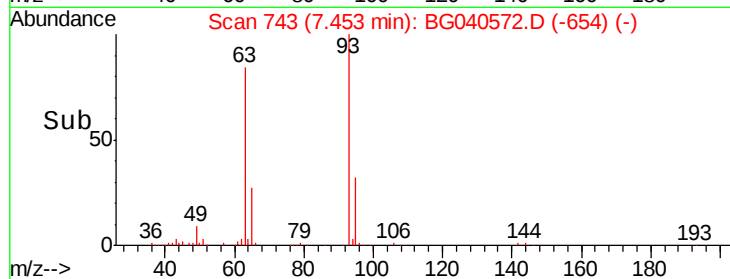
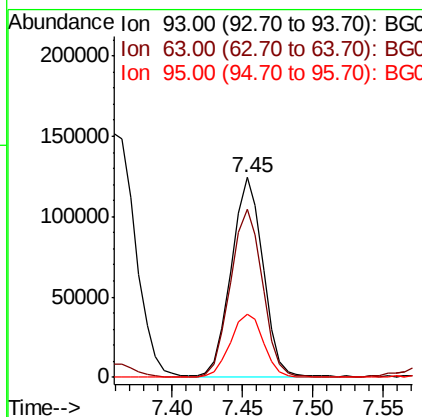
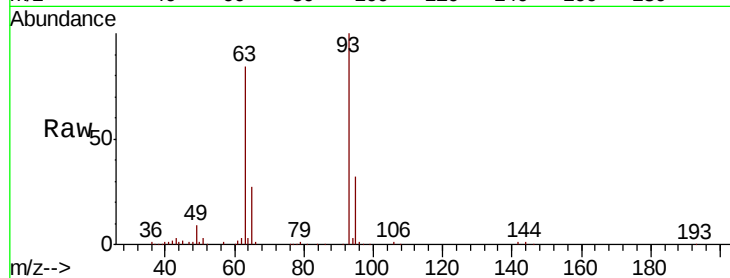




#11
 bis(2-Chloroethyl)ether
 Concen: 39.473 ng
 RT: 7.45 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

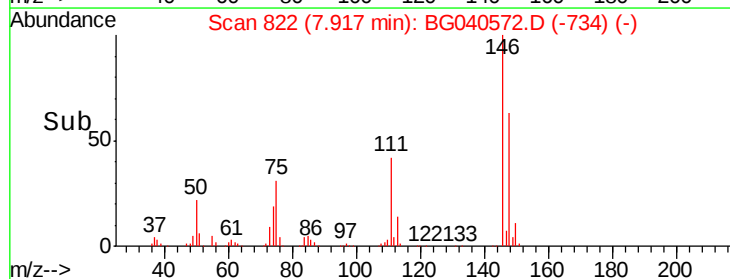
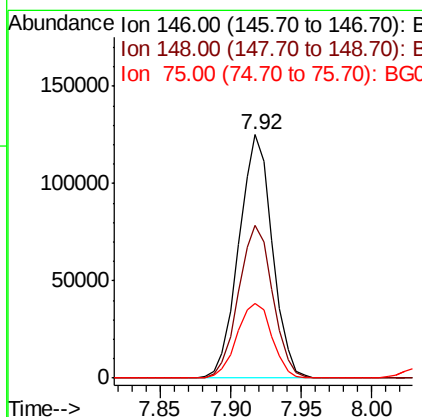
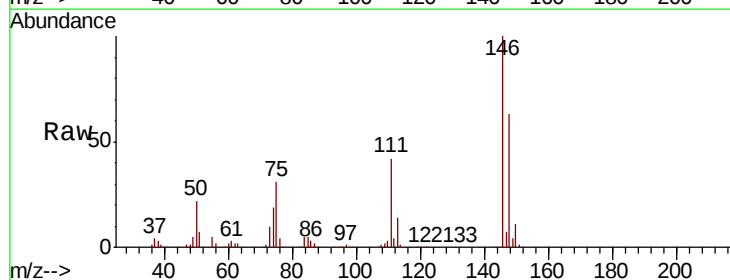
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

Tgt Ion: 93 Resp: 195011
 Ion Ratio Lower Upper
 93 100
 63 84.3 64.2 104.2
 95 31.8 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 39.491 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion: 146 Resp: 206636
 Ion Ratio Lower Upper
 146 100
 148 62.7 48.2 72.2
 75 30.6 24.1 36.1

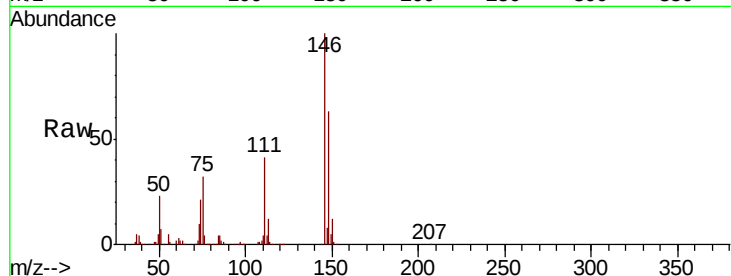




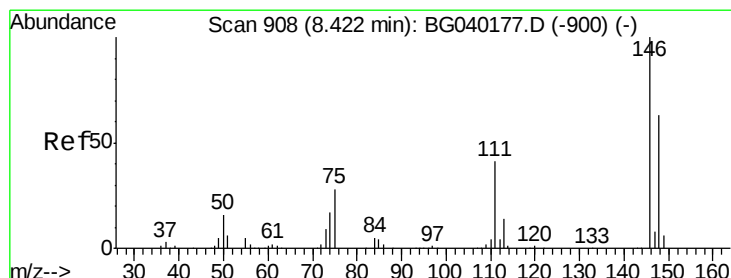
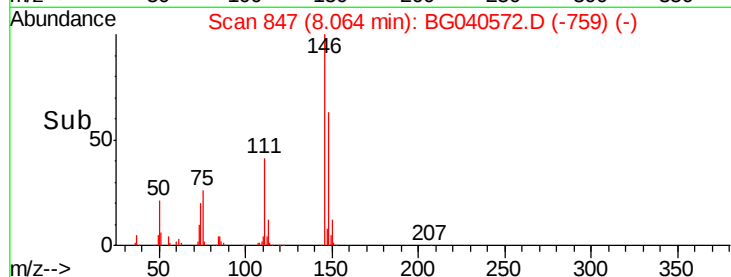
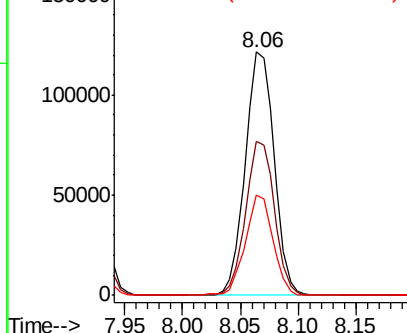
#13
 1,4-Dichlorobenzene
 Concen: 40.635 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

Tgt Ion:146 Resp: 211771
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.4
 111 41.0 31.8 47.6

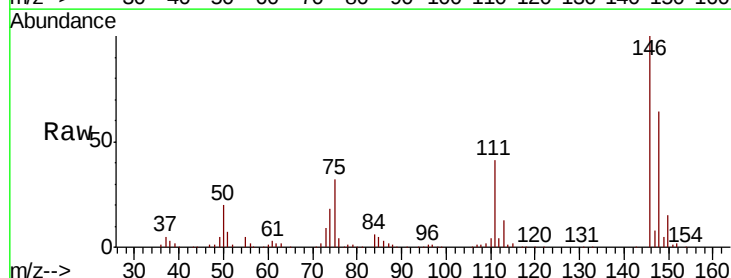


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

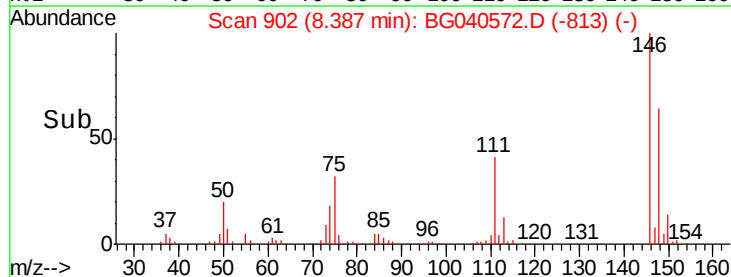
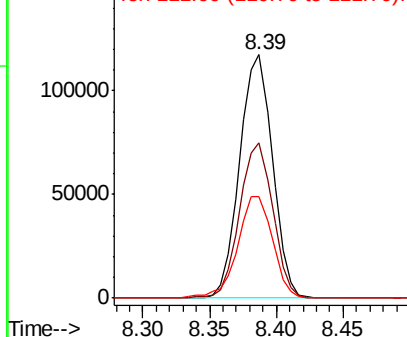


#14
 1,2-Dichlorobenzene
 Concen: 40.141 ng
 RT: 8.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion:146 Resp: 200053
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 41.5 33.4 50.0



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





#15

Benzyl Alcohol

Concen: 40.201 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampled :

PB119049BS

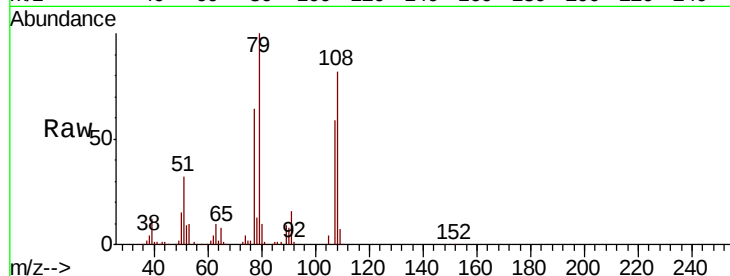
Tgt Ion: 79 Resp: 183984

Ion Ratio Lower Upper

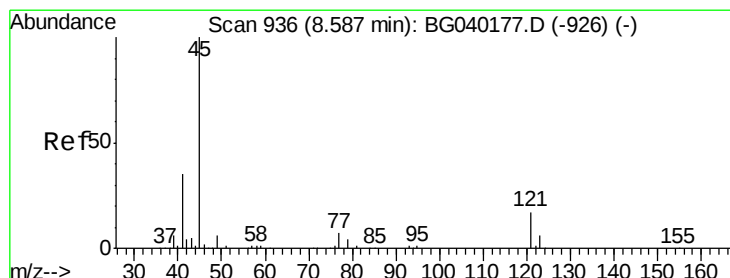
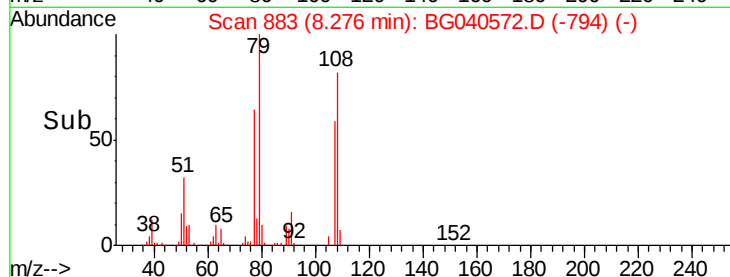
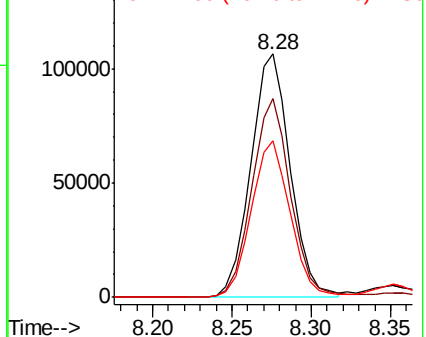
79 100

108 81.9 62.1 93.1

77 64.5 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.379 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.02 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

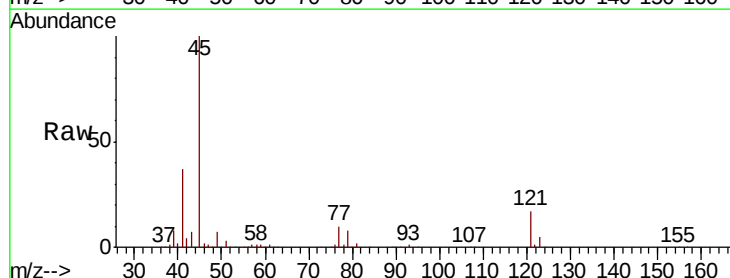
Tgt Ion: 45 Resp: 382853

Ion Ratio Lower Upper

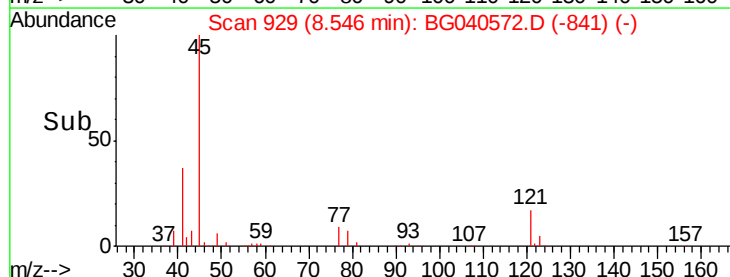
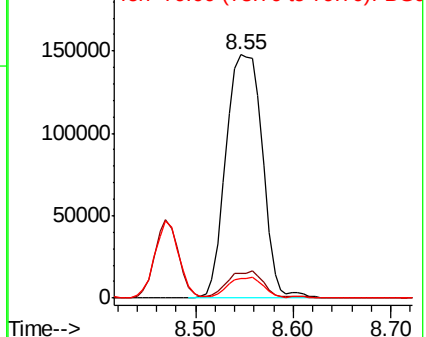
45 100

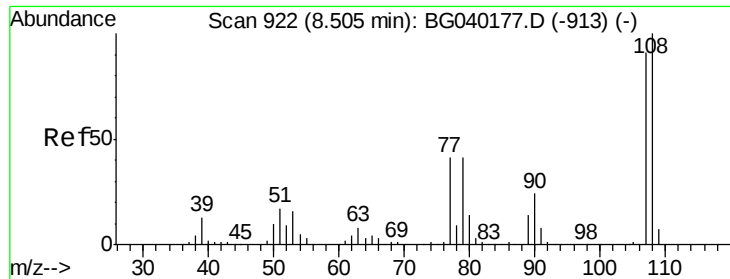
77 10.2 0.0 31.4

79 7.8 0.0 28.3



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

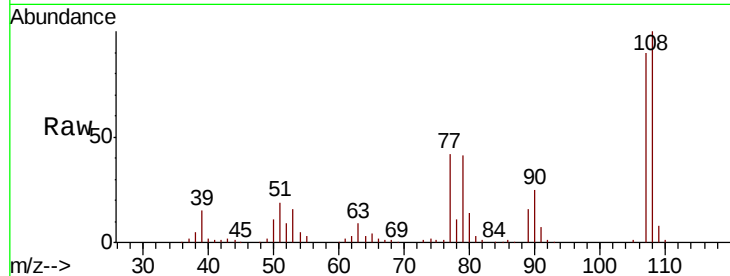




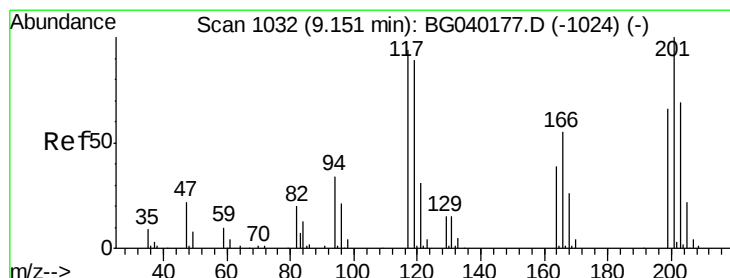
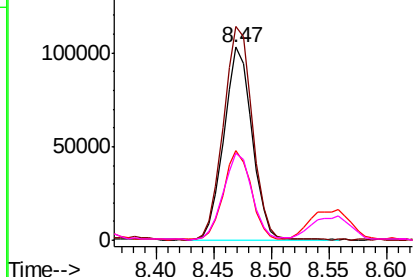
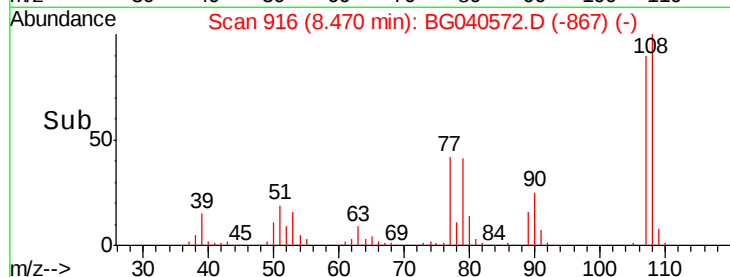
#17
2-Methylphenol
Concen: 40.799 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Instrument :
BNA_G
ClientSampleId :
PB119049BS

Tgt Ion:107 Resp: 174141
Ion Ratio Lower Upper
107 100
108 110.8 88.2 132.4
77 46.4 36.6 55.0
79 45.3 36.5 54.7

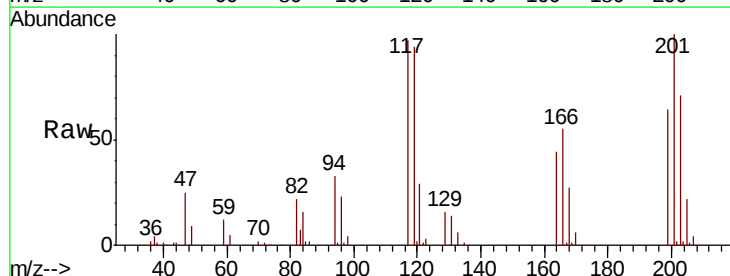


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

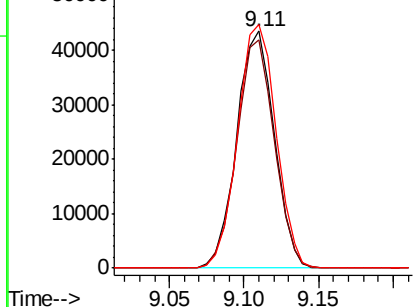
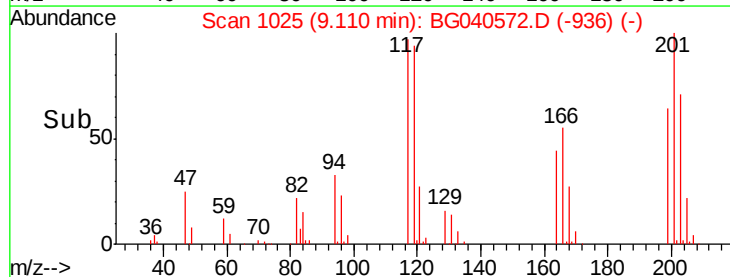


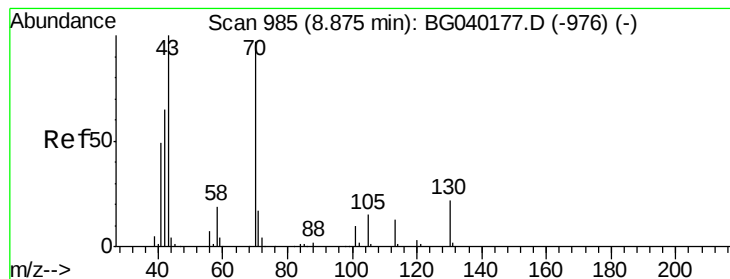
#18
Hexachloroethane
Concen: 38.366 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Tgt Ion:117 Resp: 76054
Ion Ratio Lower Upper
117 100
119 96.5 76.6 115.0
201 102.8 85.0 127.4



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: 39.876 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

Tgt Ion: 70 Resp: 162472

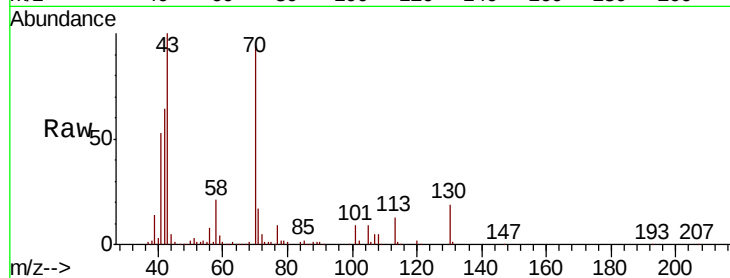
Ion Ratio Lower Upper

70 100

42 67.7 54.0 81.0

101 9.2 8.6 13.0

130 20.6 18.2 27.2

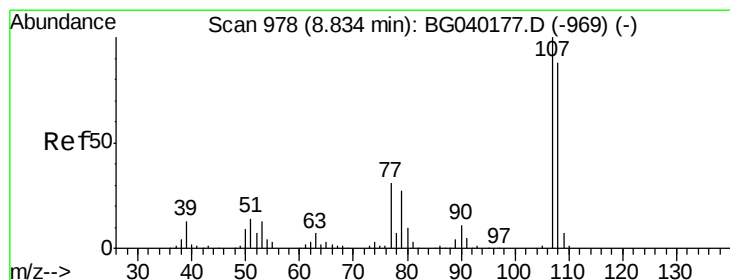
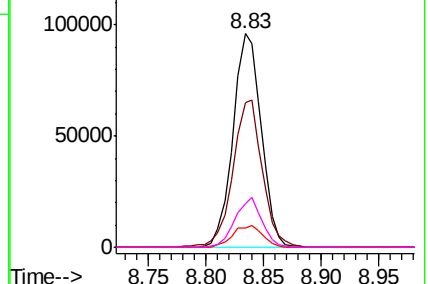
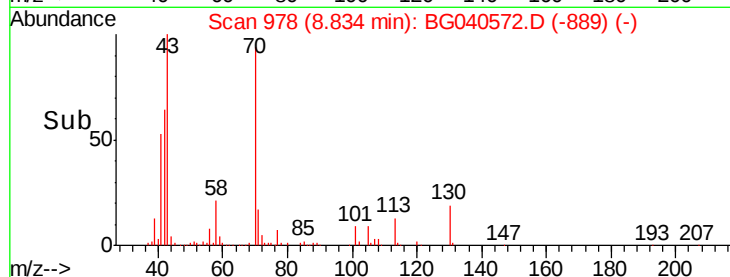


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.668 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Tgt Ion: 107 Resp: 246719

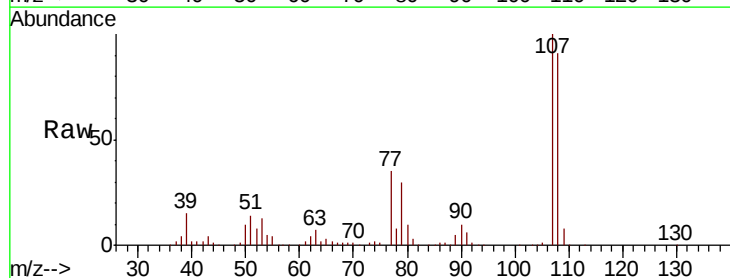
Ion Ratio Lower Upper

107 100

108 90.8 68.3 108.3

77 35.3 11.3 51.3

79 30.0 7.3 47.3

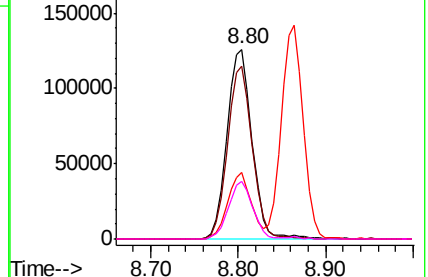
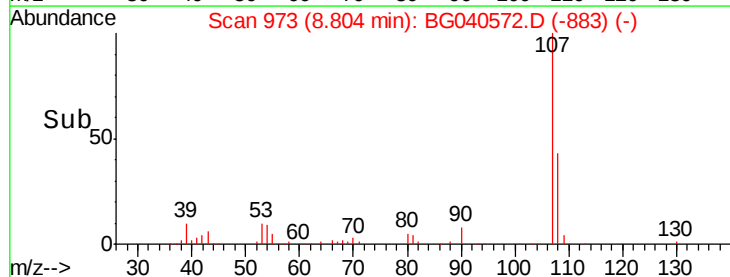


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

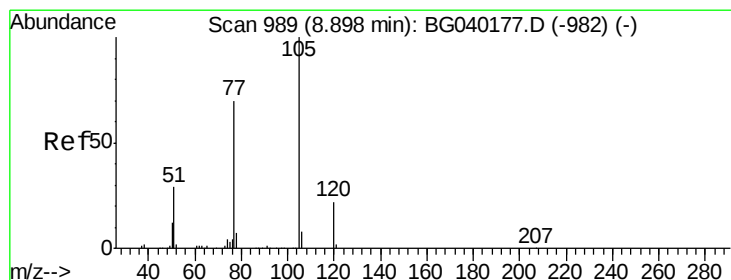
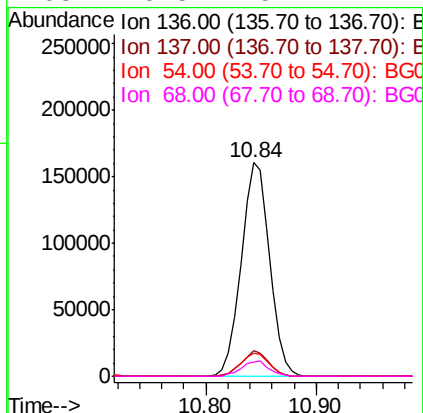
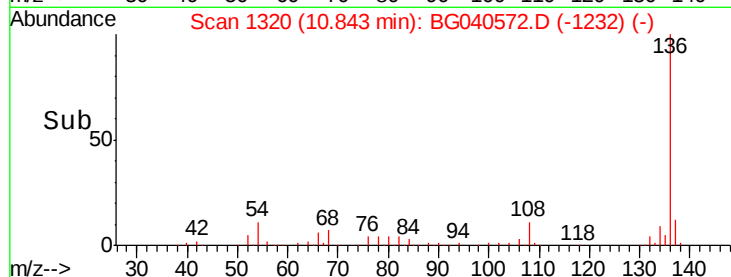
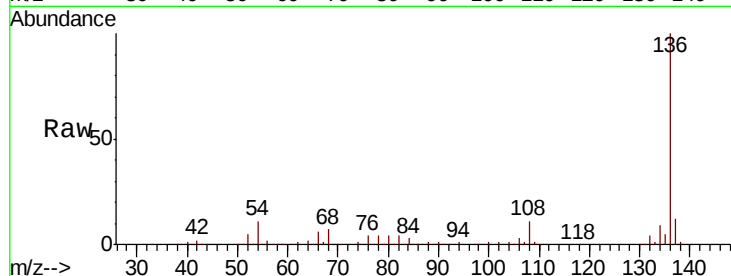




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

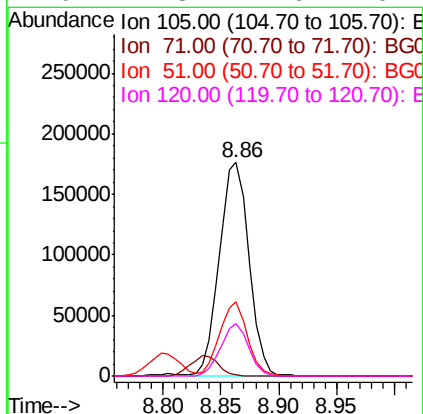
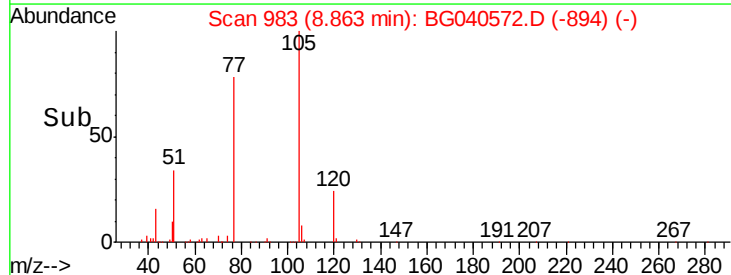
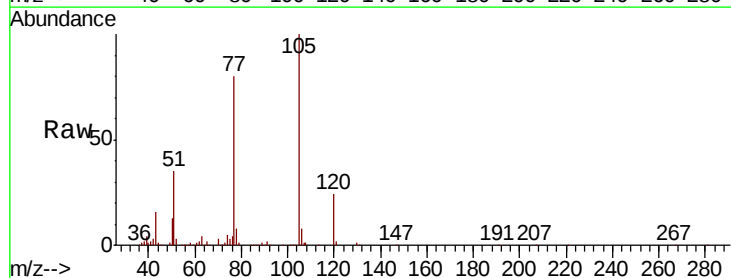
Instrument :
BNA_G
ClientSampleID :
PB119049BS

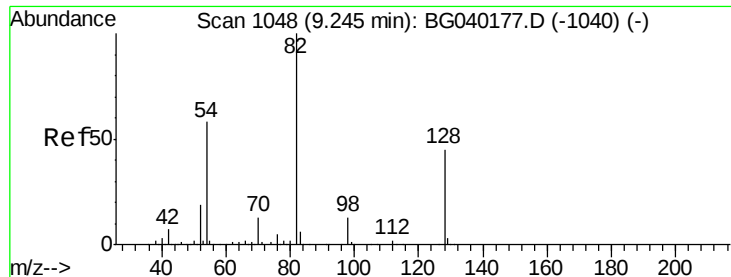
Tgt Ion:	136	Resp:	289426
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	10.8	9.6	14.4
68	6.5	5.1	7.7



#22
Acetophenone
Concen: 43.455 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Tgt Ion:	105	Resp:	313732
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	1.0#
51	34.8	25.1	37.7
120	24.3	17.6	26.4

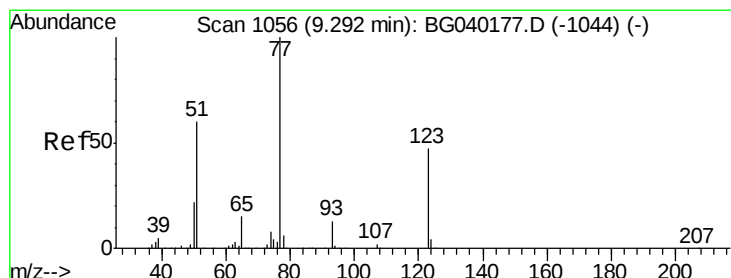
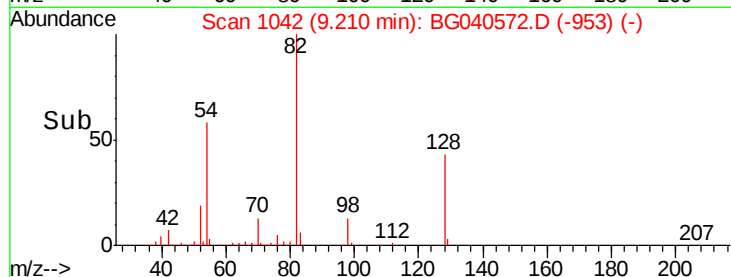
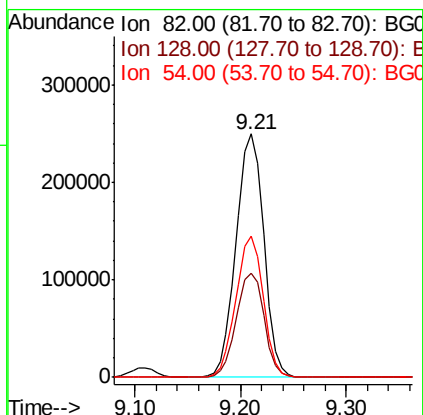
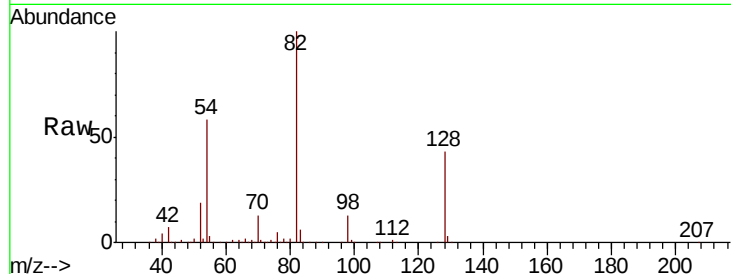




#23
 Nitrobenzene-d5
 Concen: 83.483 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

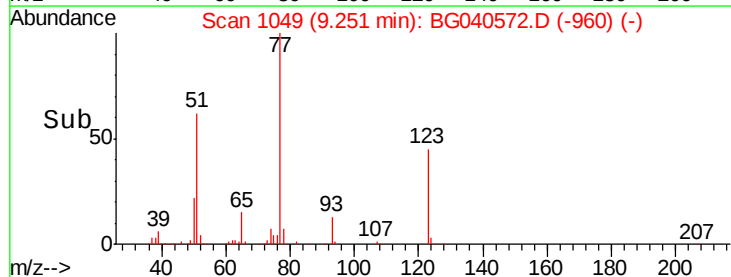
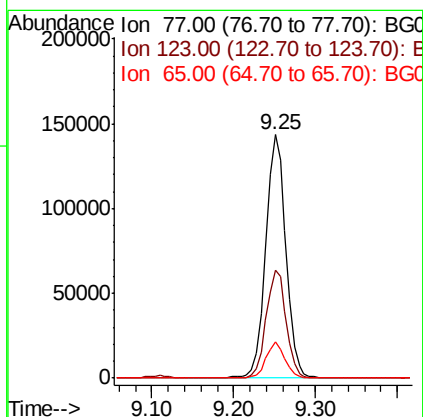
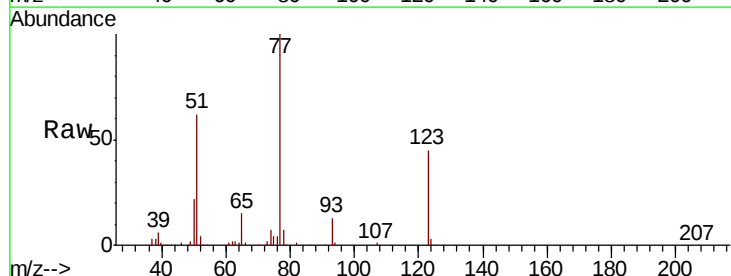
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

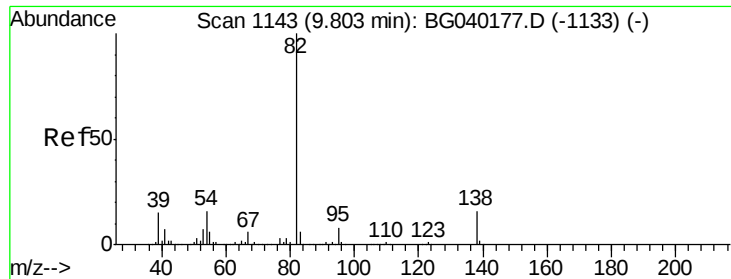
Tgt Ion: 82 Resp: 454572
 Ion Ratio Lower Upper
 82 100
 128 43.0 35.8 53.8
 54 58.0 46.2 69.2



#24
 Nitrobenzene
 Concen: 43.501 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion: 77 Resp: 245283
 Ion Ratio Lower Upper
 77 100
 123 44.6 37.8 56.6
 65 14.7 12.0 18.0





#25

Isophorone

Concen: 41.917 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

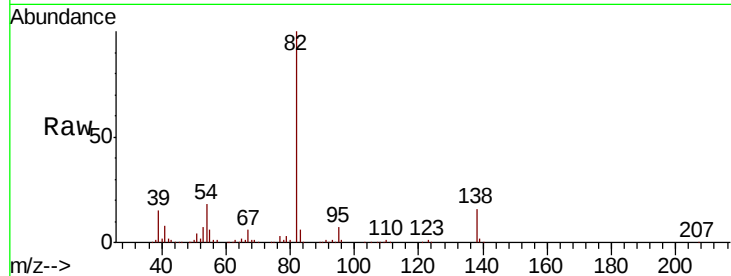
Tgt Ion: 82 Resp: 469627

Ion Ratio Lower Upper

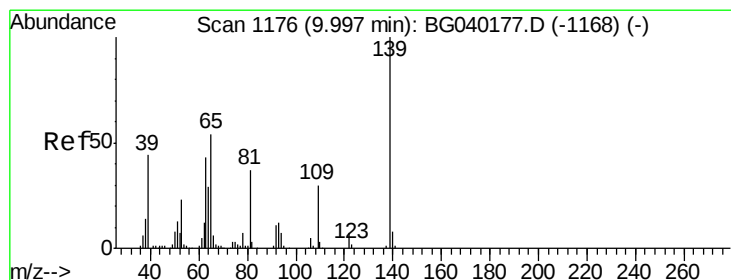
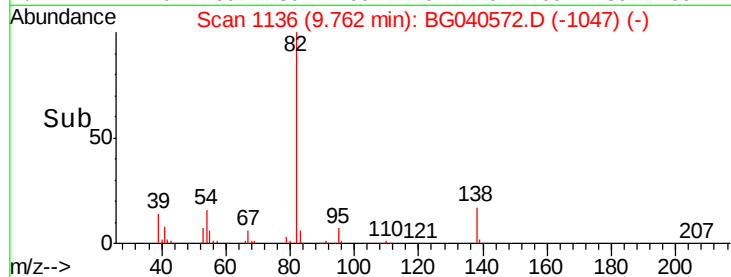
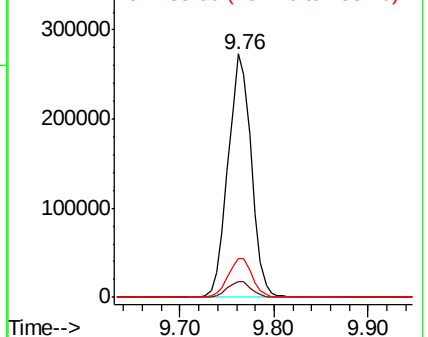
82 100

95 6.7 6.1 9.1

138 16.1 13.2 19.8



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



#26

2-Nitrophenol

Concen: 43.784 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

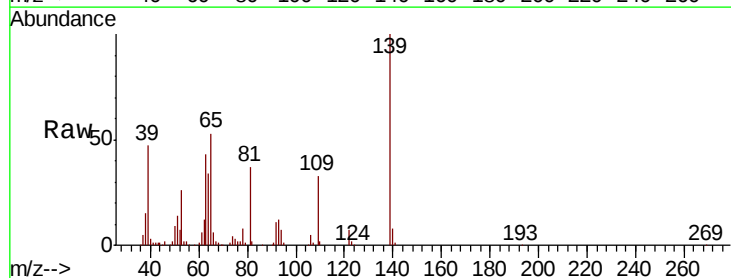
Tgt Ion: 139 Resp: 116981

Ion Ratio Lower Upper

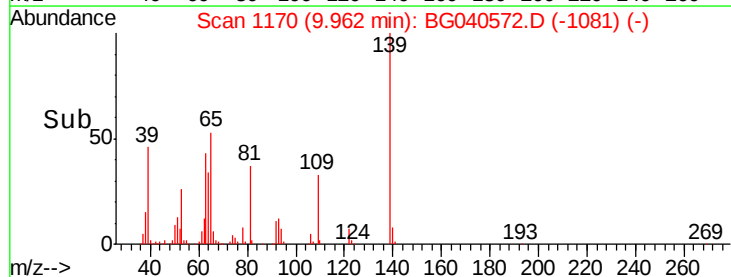
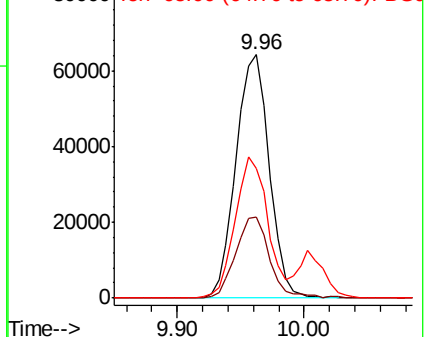
139 100

109 33.4 24.1 36.1

65 53.1 43.0 64.6



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

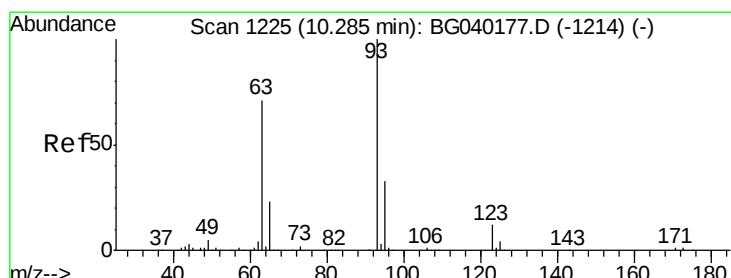
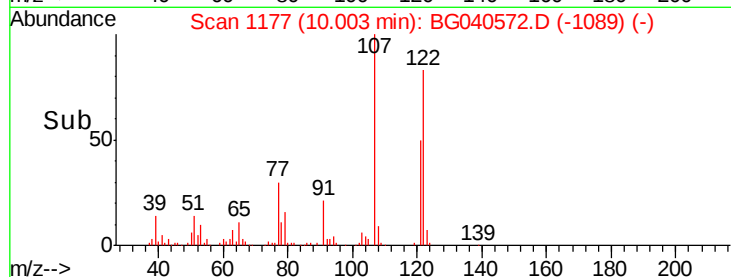
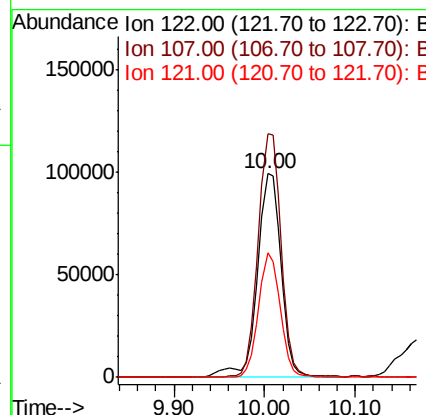
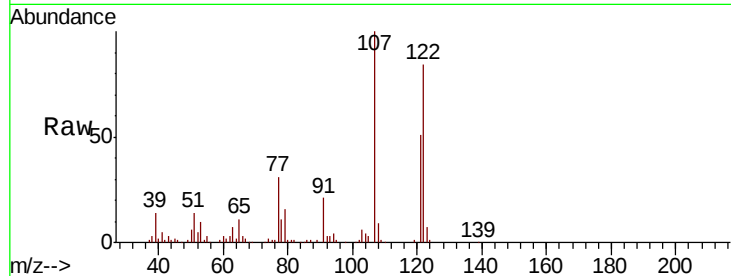




#27
 2,4-Dimethylphenol
 Concen: 42.657 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

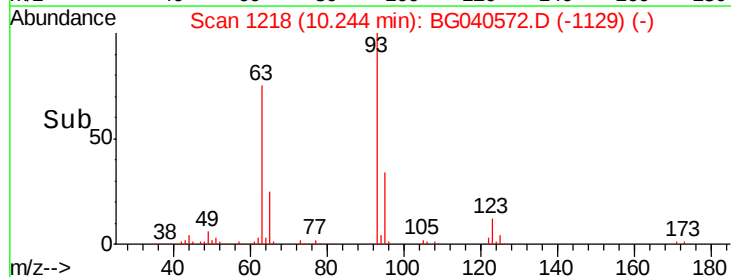
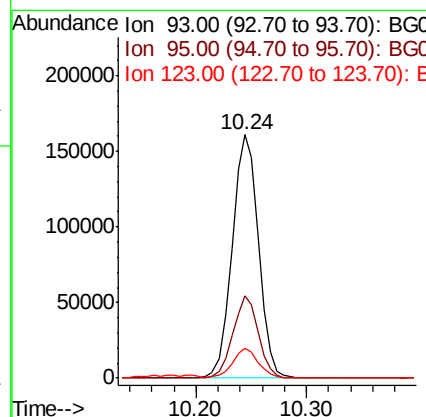
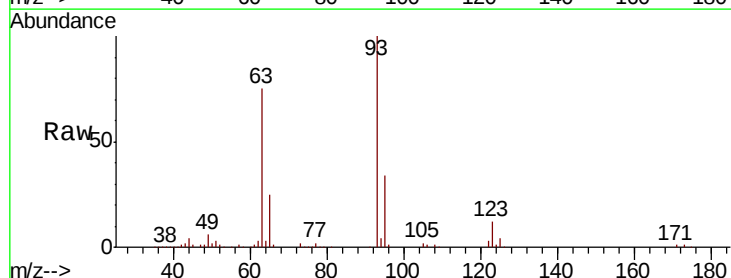
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

Tgt Ion: 122 Resp: 181034
 Ion Ratio Lower Upper
 122 100
 107 119.6 97.4 146.2
 121 61.2 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.468 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion: 93 Resp: 268239
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.2 39.4
 123 12.3 9.4 14.0

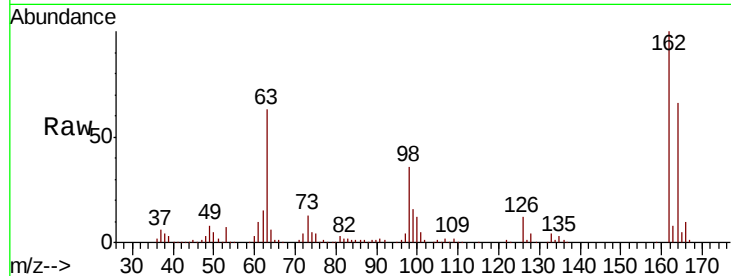




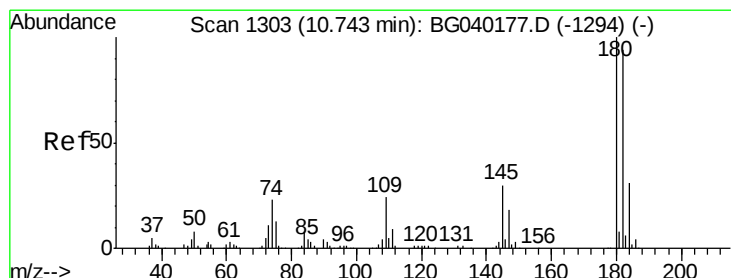
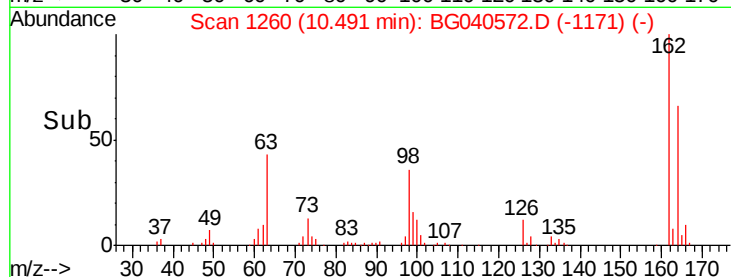
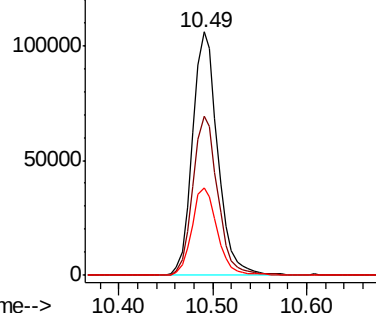
#29
 2,4-Dichlorophenol
 Concen: 43.045 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	198286		
164	65.6	43.9	83.9	
98	35.8	15.6	55.6	

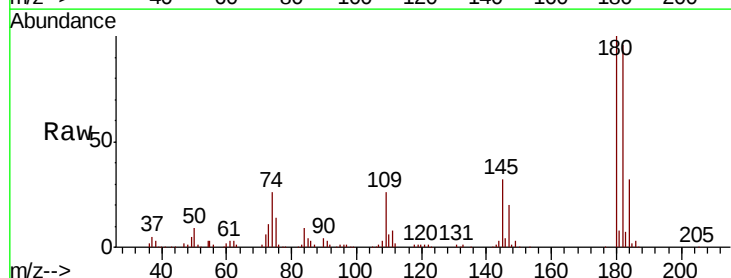


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

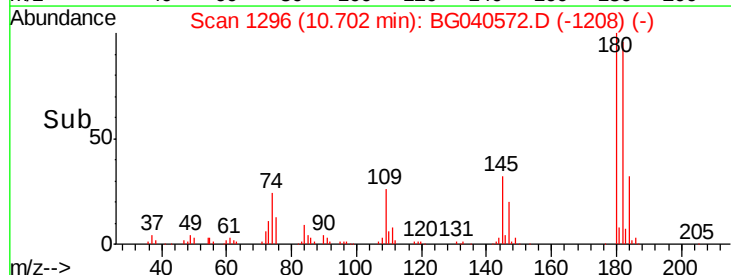
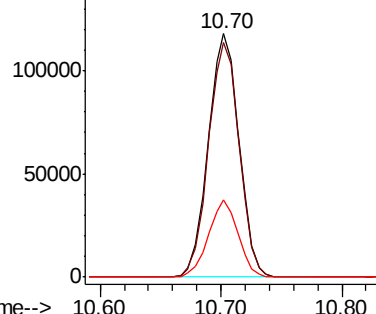


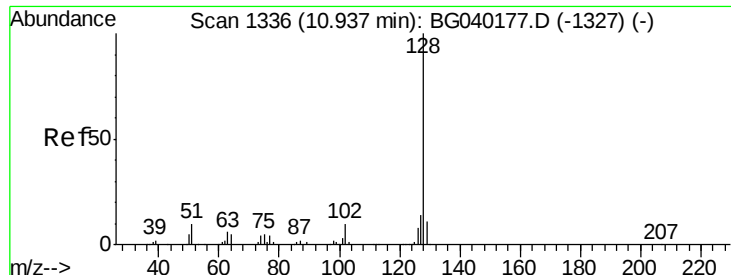
#30
 1,2,4-Trichlorobenzene
 Concen: 41.322 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	209012		
182	96.3	75.1	112.7	
145	31.8	24.1	36.1	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

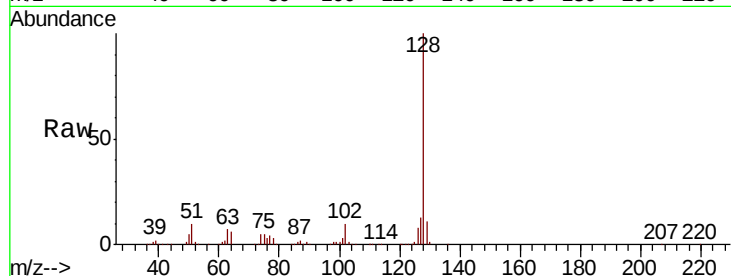




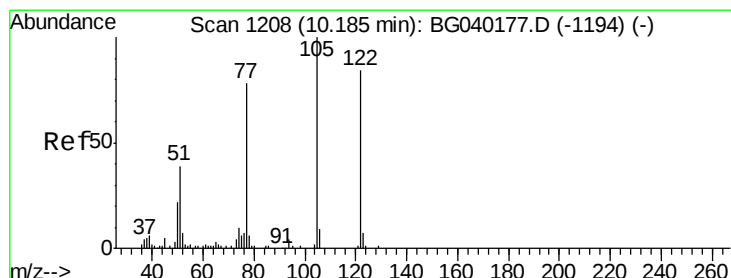
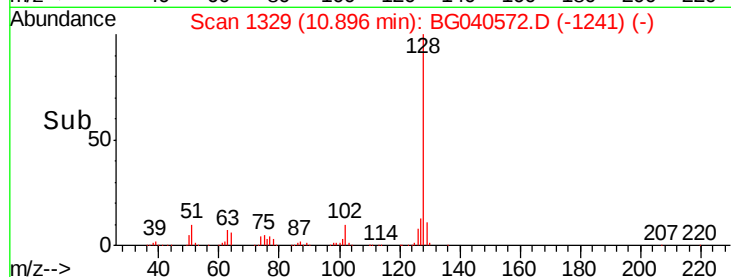
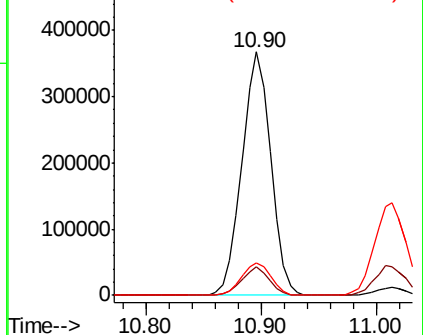
#31
Naphthalene
Concen: 42.959 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Instrument :
BNA_G
ClientSampleId :
PB119049BS

Tgt Ion:128 Resp: 637304
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.1 11.4 17.0

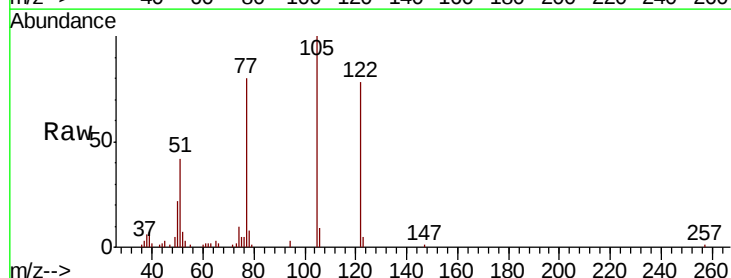


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

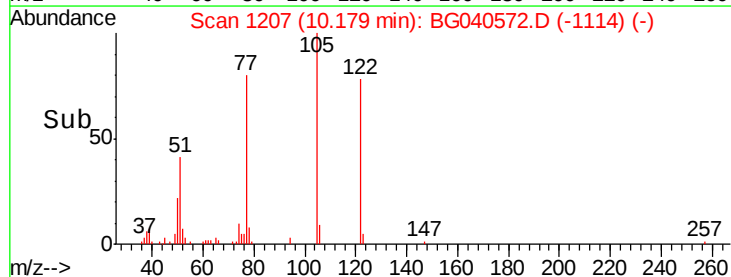
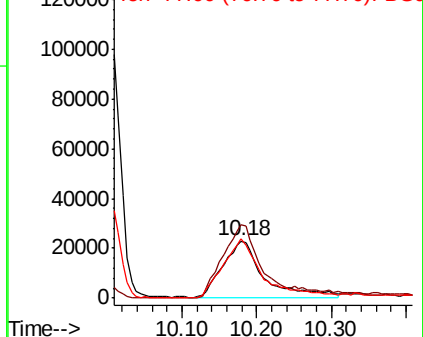


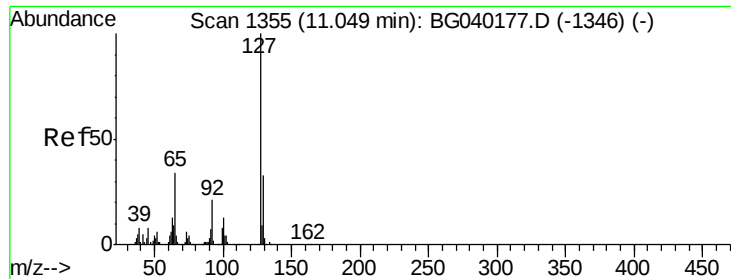
#32
Benzoic acid
Concen: 33.499 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Tgt Ion:122 Resp: 85897
Ion Ratio Lower Upper
122 100
105 128.1 98.2 138.2
77 102.9 73.6 113.6



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

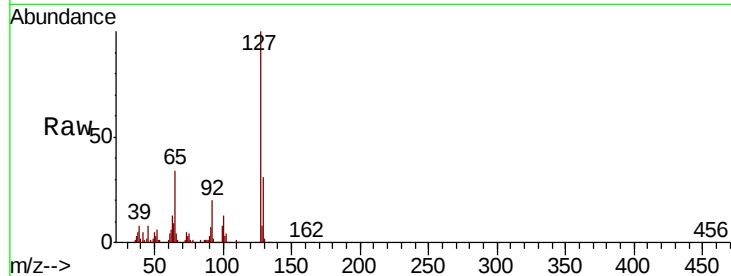




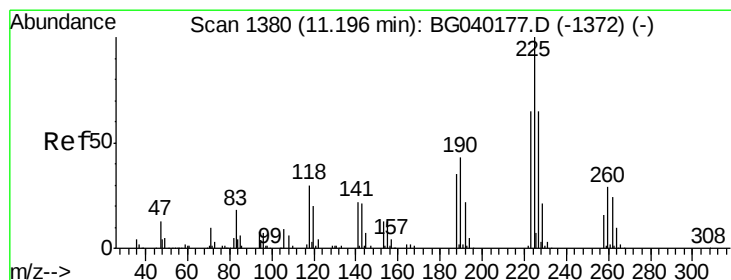
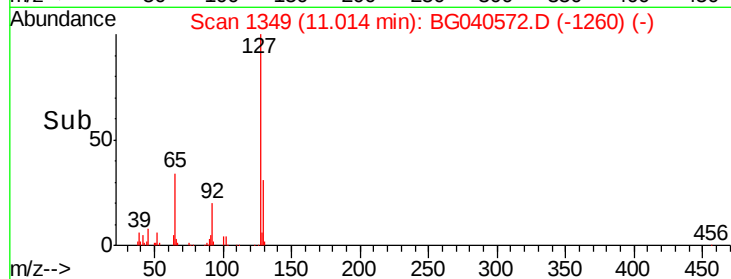
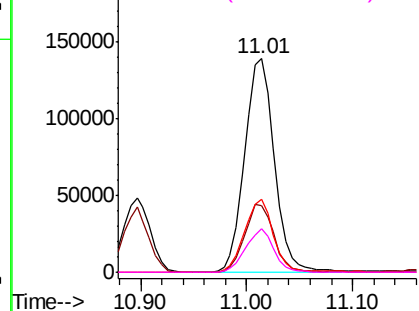
#33
4-Chloroaniline
Concen: 42.907 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Instrument :
BNA_G
ClientSampleId :
PB119049BS

Tgt Ion:	127	Resp:	271516
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.6	40.0
65	34.0	27.0	40.4
92	20.5	16.6	25.0

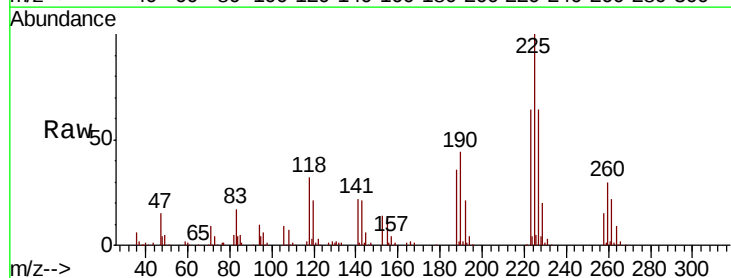


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

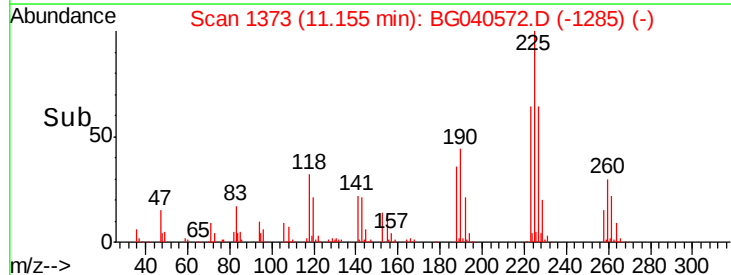
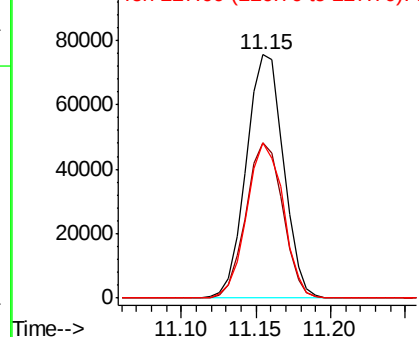


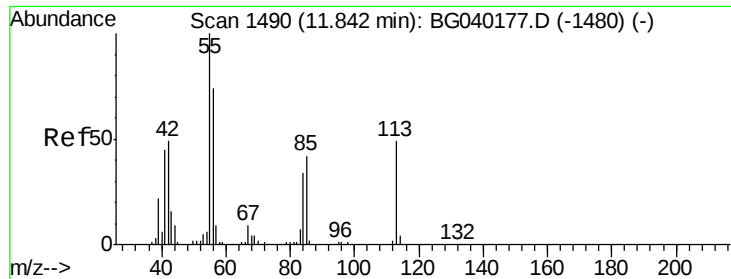
#34
Hexachlorobutadiene
Concen: 40.145 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Tgt Ion:	225	Resp:	129865
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.8	77.8
227	63.9	54.9	82.3



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: 33.920 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

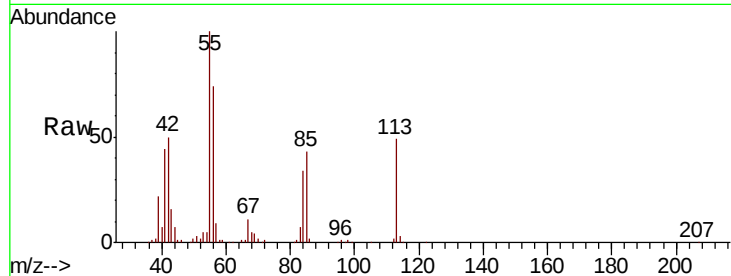
Tgt Ion:113 Resp: 62007

Ion Ratio Lower Upper

113 100

55 205.2 184.2 224.2

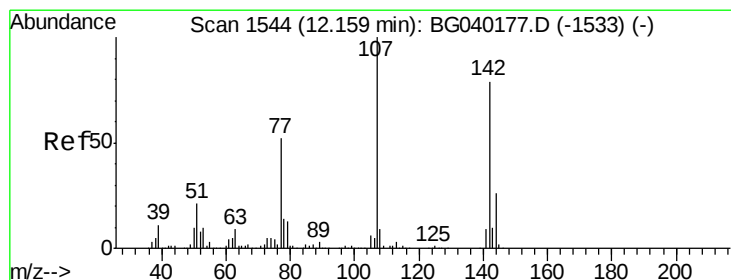
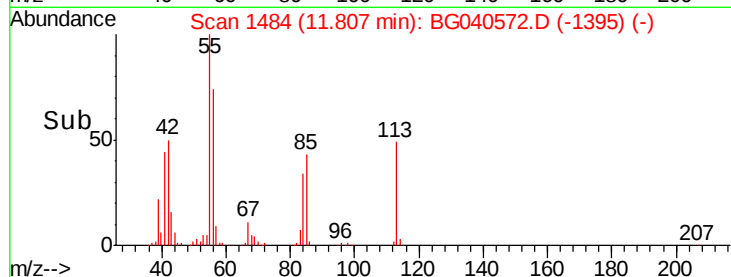
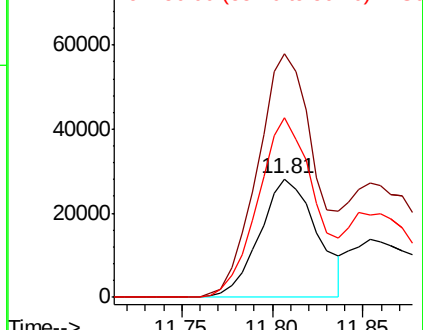
56 151.4 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 65.114 ng

RT: 12.12 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

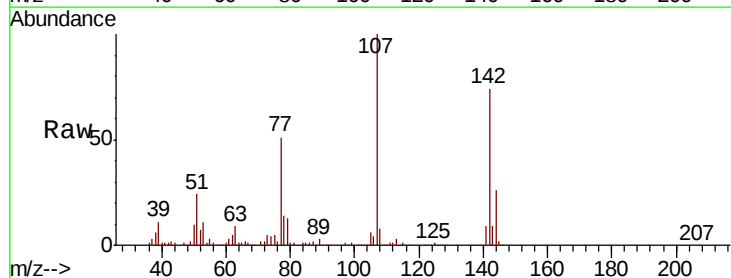
Tgt Ion:107 Resp: 344827

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

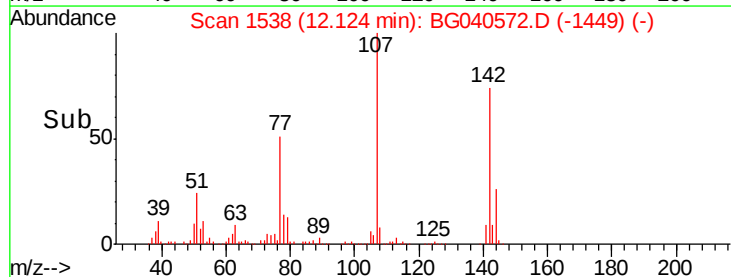
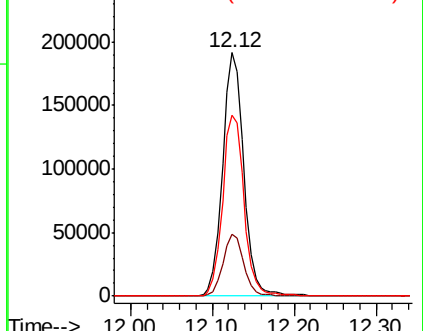
142 74.4 63.1 94.7

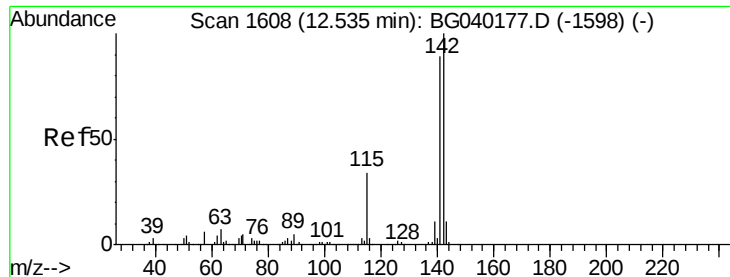


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

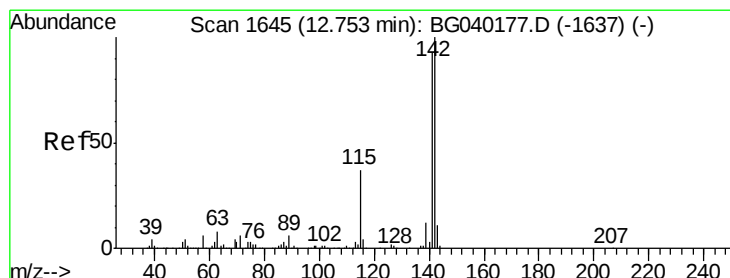
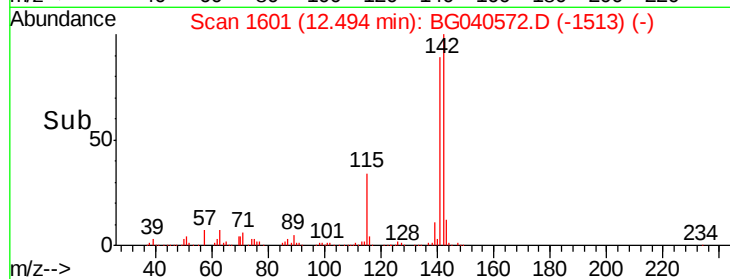
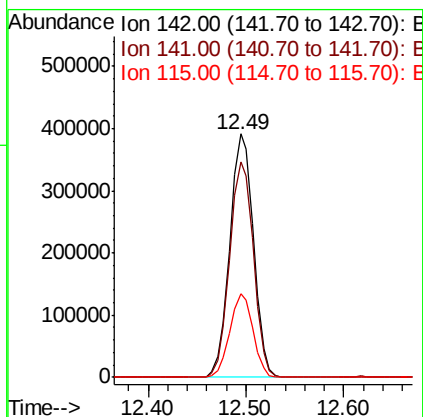
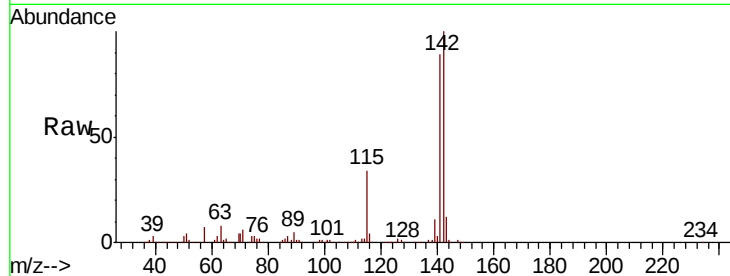




#37
 2-Methylnaphthalene
 Concen: 59.836 ng
 RT: 12.49 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

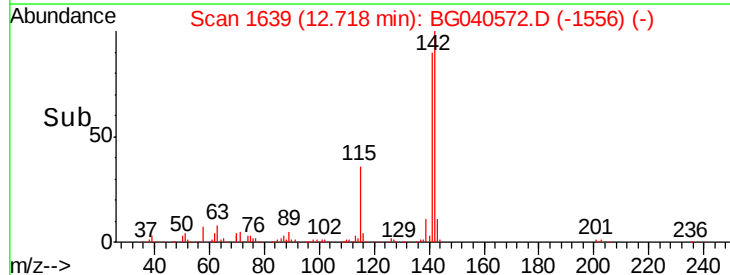
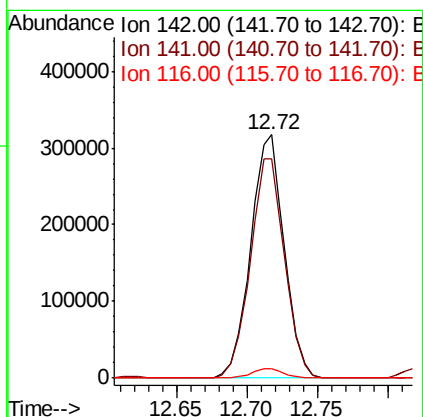
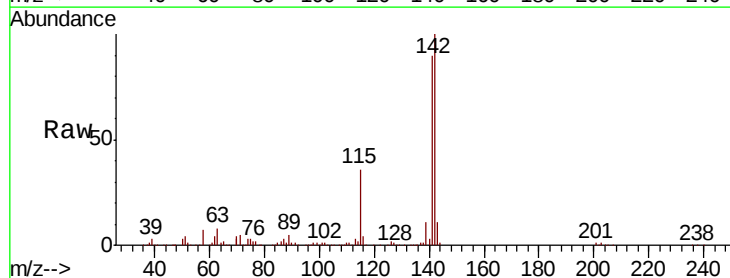
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

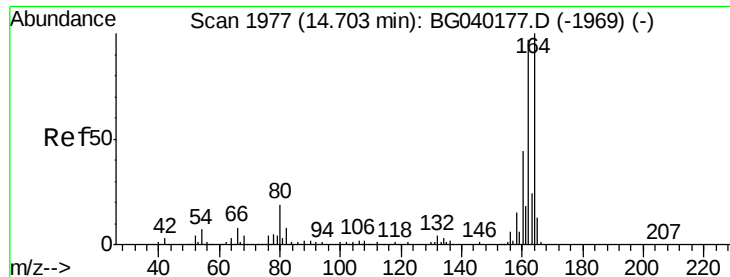
Tgt Ion:142 Resp: 656514
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.0 106.6
 115 34.3 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 49.582 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion:142 Resp: 527523
 Ion Ratio Lower Upper
 142 100
 141 90.2 74.2 111.4
 116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

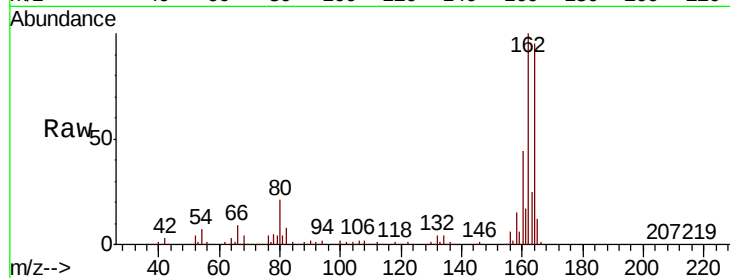
Tgt Ion:164 Resp: 182240

Ion Ratio Lower Upper

164 100

162 105.2 77.4 116.2

160 46.7 35.3 52.9

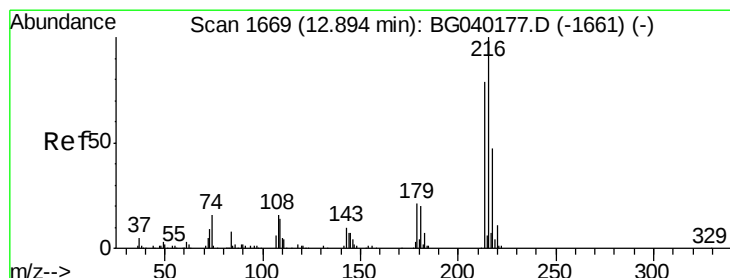
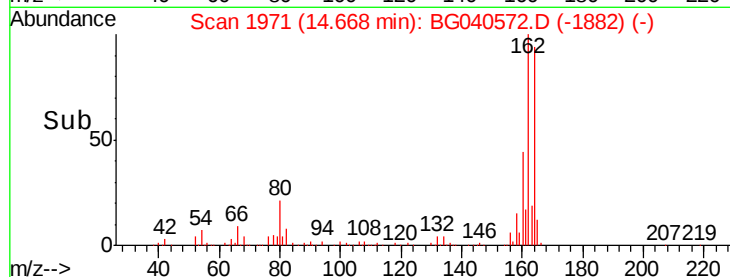
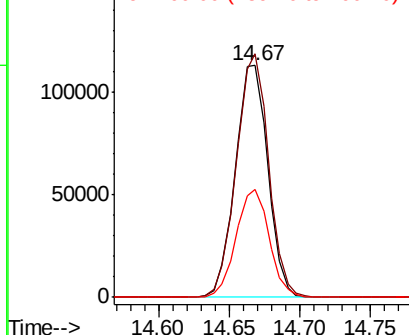


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.457 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Tgt Ion:216 Resp: 240130

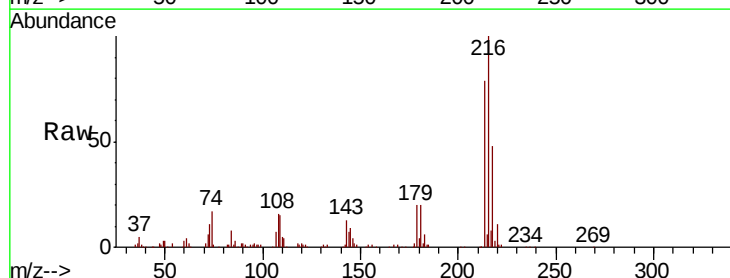
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 20.8 16.6 25.0

108 19.0 13.8 20.8



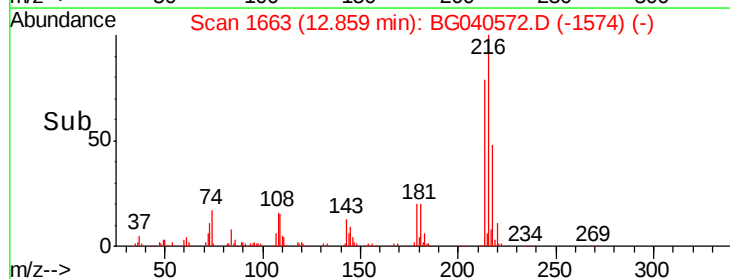
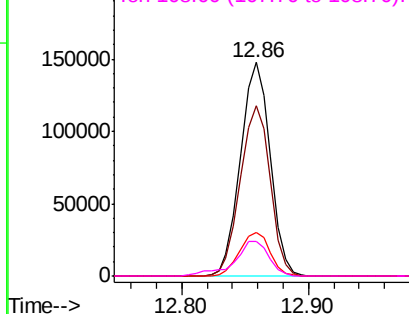
Abundance

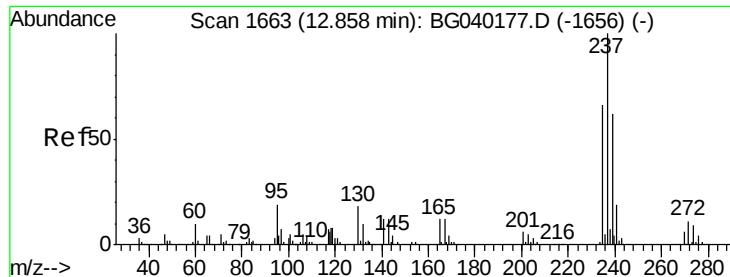
Ion 216.00 (215.70 to 216.70): E

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: 58.398 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

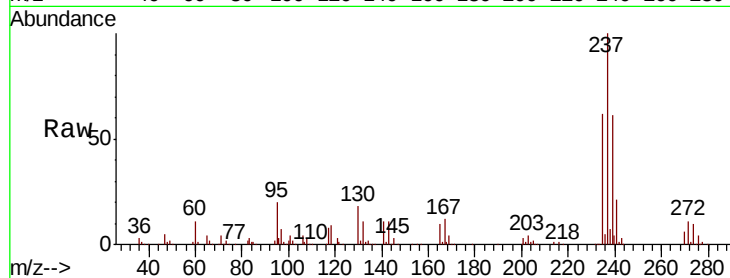
Tgt Ion: 237 Resp: 185726

Ion Ratio Lower Upper

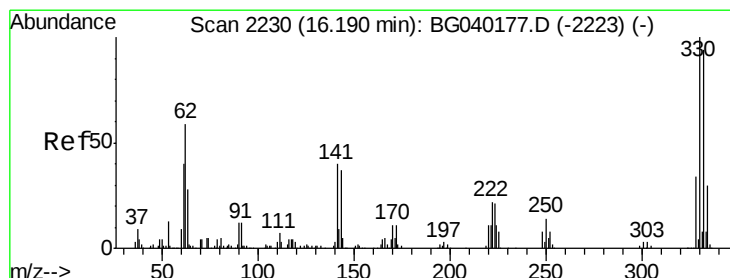
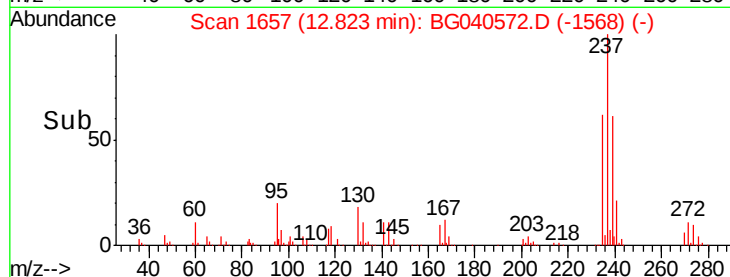
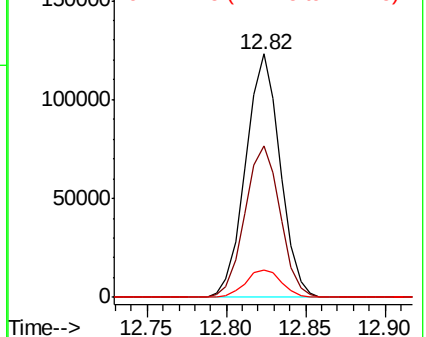
237 100

235 62.3 46.2 86.2

272 11.3 0.0 30.5



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: 90.299 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

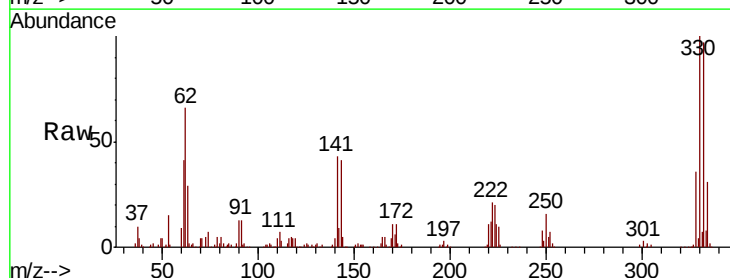
Tgt Ion: 330 Resp: 177848

Ion Ratio Lower Upper

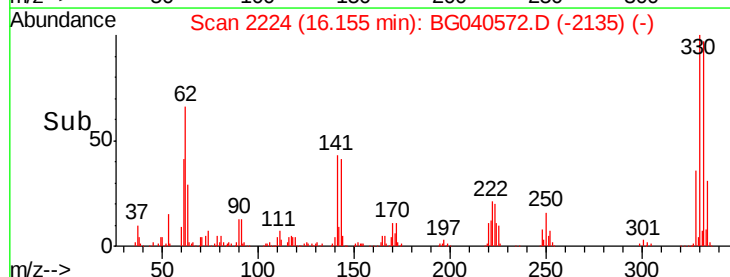
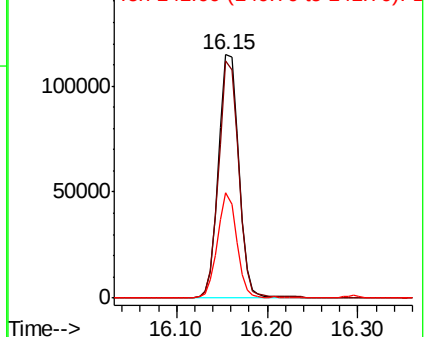
330 100

332 95.5 76.6 115.0

141 41.0 32.6 48.8



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

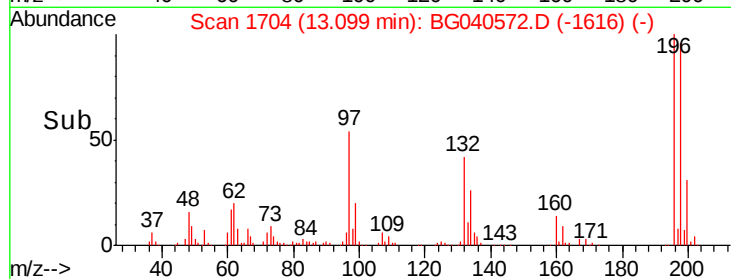
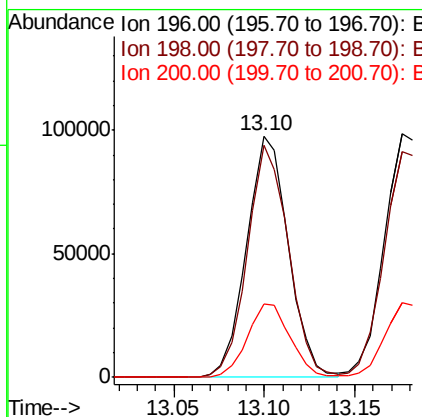
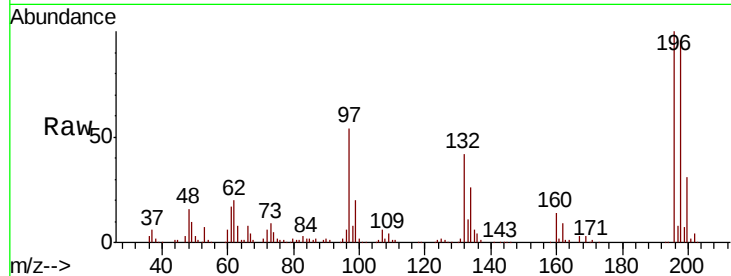




#43
 2,4,6-Trichlorophenol
 Concen: 41.887 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.02 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

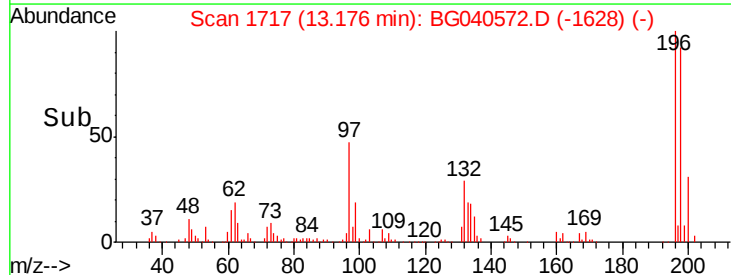
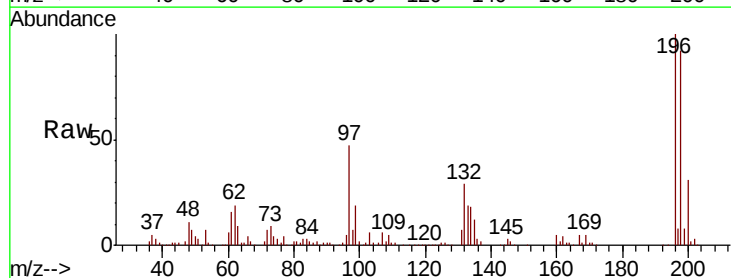
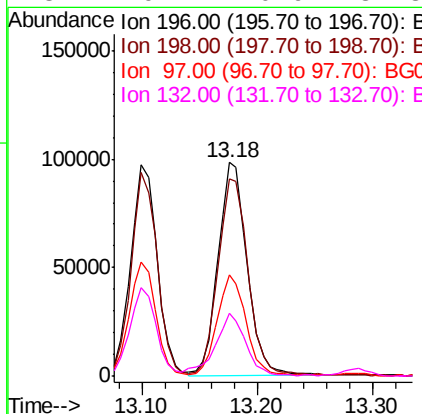
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

Tgt Ion	Resp	Lower	Upper
196	156423		
198	96.2	78.3	117.5
200	30.6	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 41.775 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion	Resp	Lower	Upper
196	170043		
198	92.5	75.0	112.6
97	47.2	37.3	55.9
132	29.2	20.9	31.3

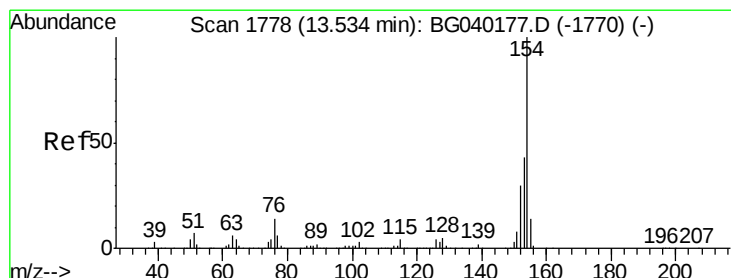
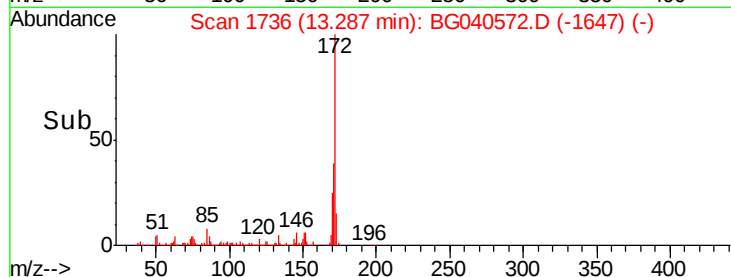
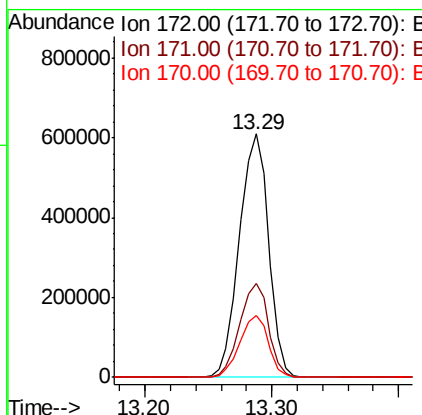
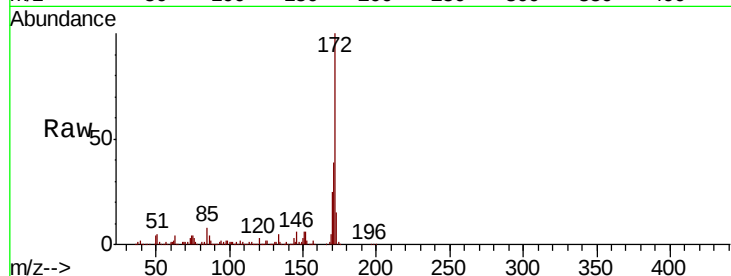




#45
 2-Fluorobiphenyl
 Concen: 79.202 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

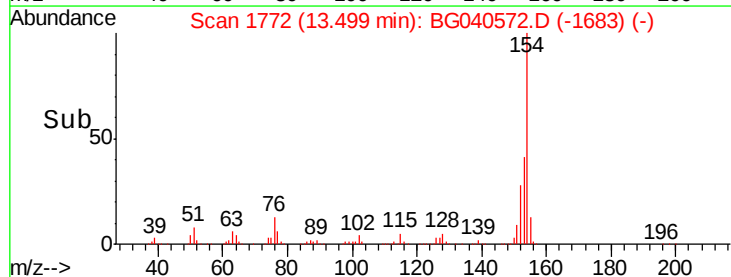
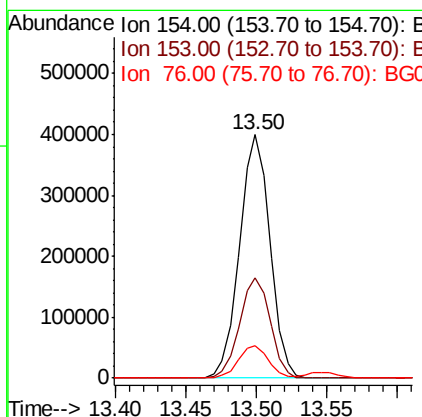
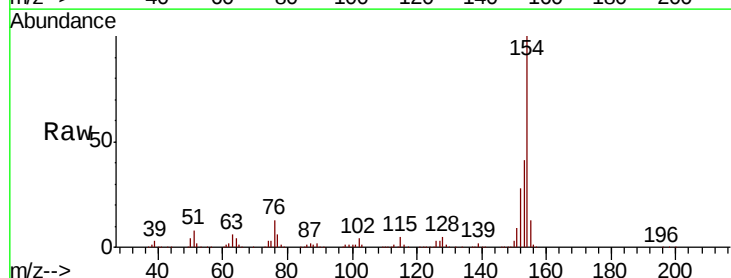
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

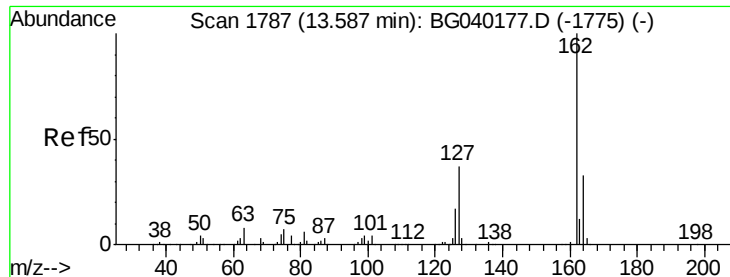
Tgt Ion:172 Resp: 974091
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.5 45.7
 170 25.5 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 41.755 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion:154 Resp: 601246
 Ion Ratio Lower Upper
 154 100
 153 41.2 22.5 62.5
 76 13.3 0.0 33.7

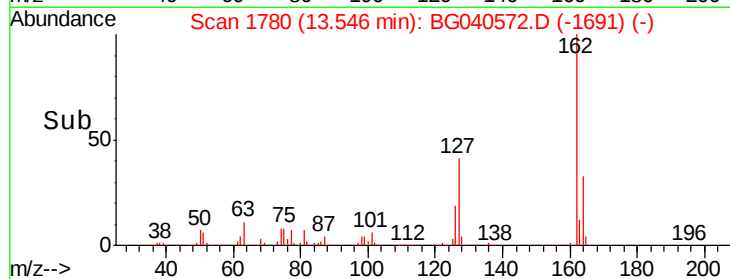
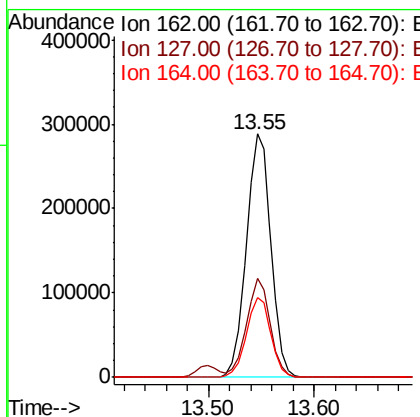
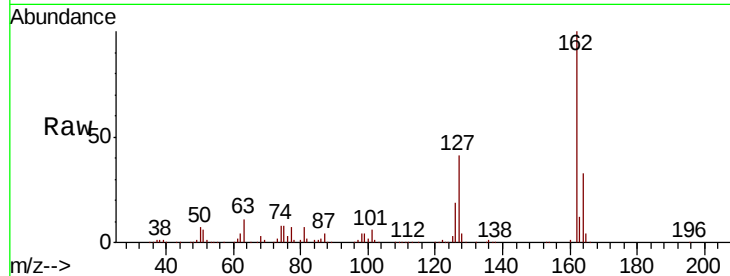




#47
 2-Chloronaphthalene
 Concen: 41.990 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

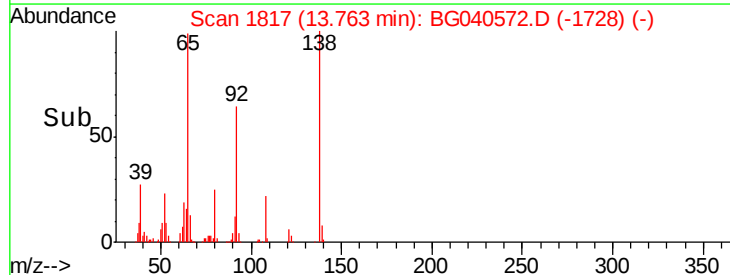
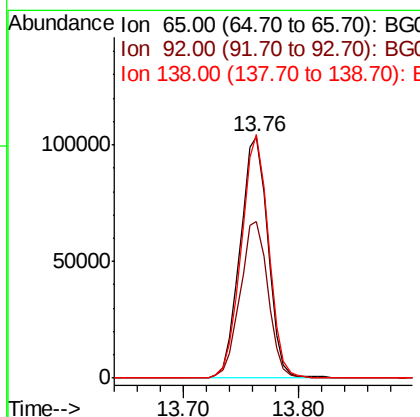
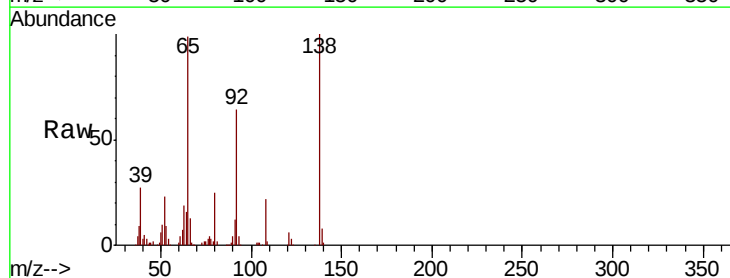
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

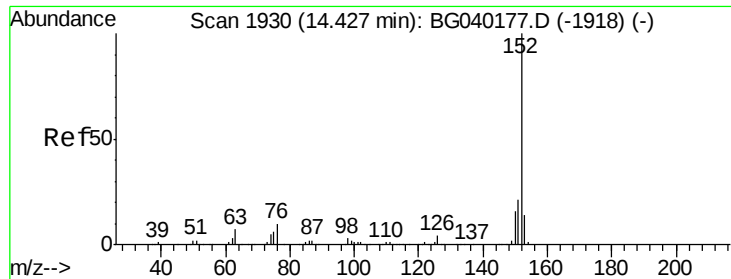
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	30.6	45.8
164	33.0	26.2	39.4



#48
 2-Nitroaniline
 Concen: 46.467 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	53.8	80.6
138	100.9	86.3	129.5





#49

Acenaphthylene

Concen: 40.662 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

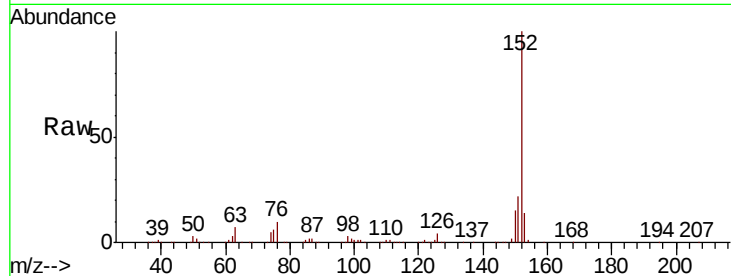
Tgt Ion:152 Resp: 761479

Ion Ratio Lower Upper

152 100

151 21.8 17.0 25.6

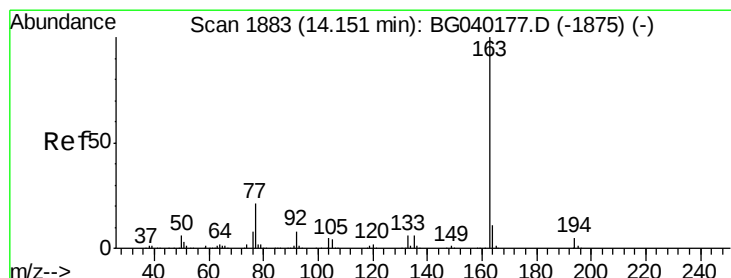
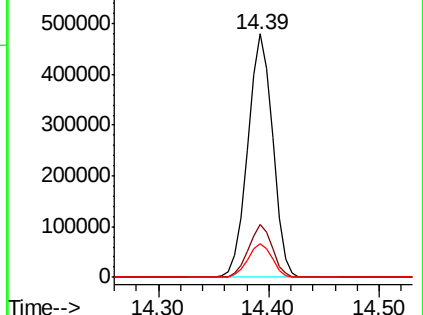
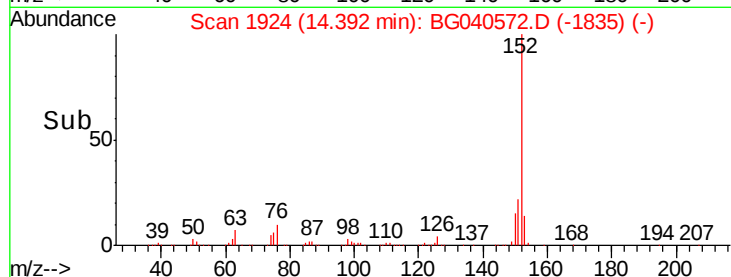
153 13.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.899 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

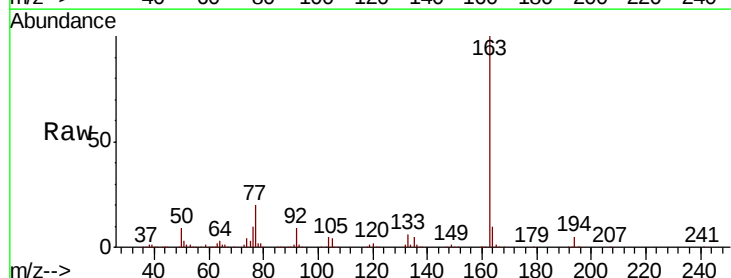
Tgt Ion:163 Resp: 611864

Ion Ratio Lower Upper

163 100

194 4.9 4.1 6.1

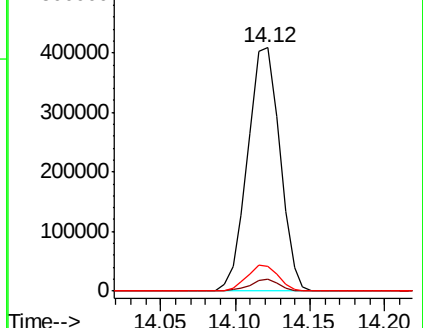
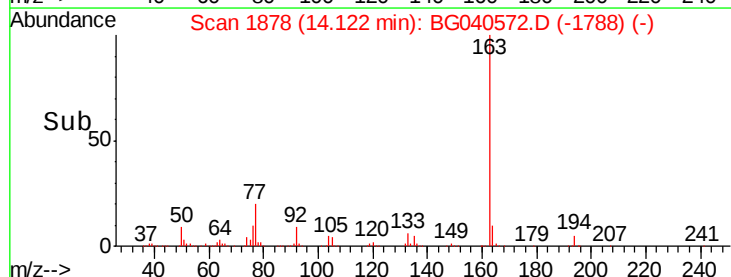
164 10.0 8.6 13.0

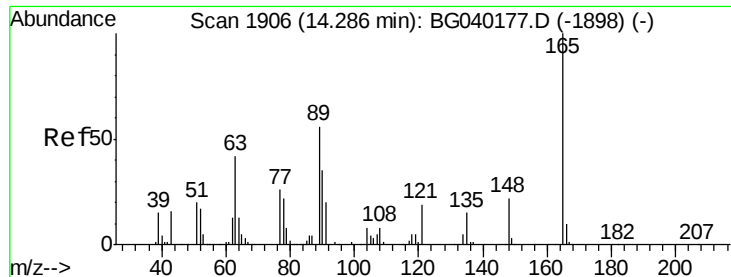


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.402 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

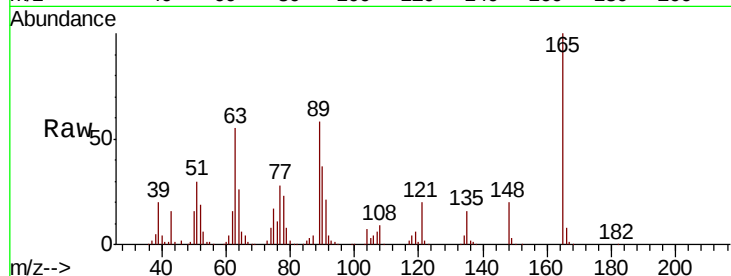
Tgt Ion:165 Resp: 142199

Ion Ratio Lower Upper

165 100

63 55.2 44.1 66.1

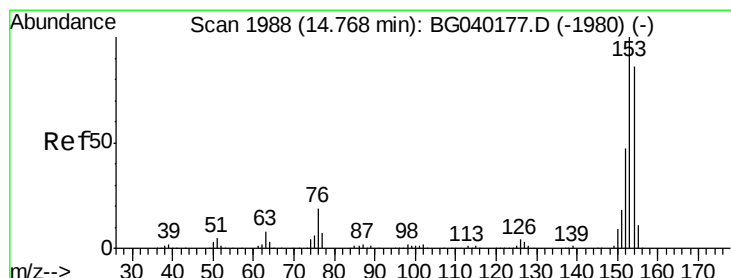
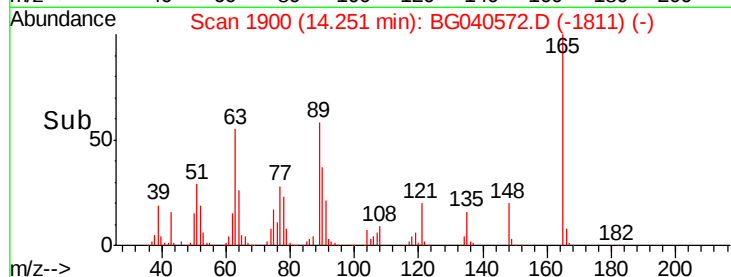
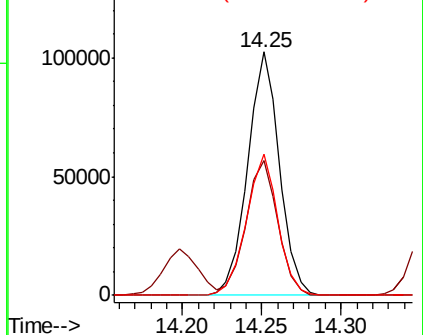
89 58.1 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.403 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

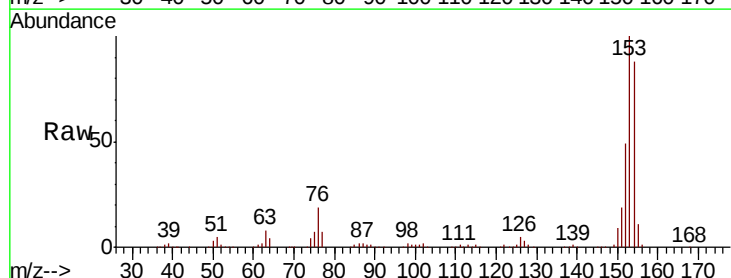
Tgt Ion:154 Resp: 455015

Ion Ratio Lower Upper

154 100

153 113.6 92.8 139.2

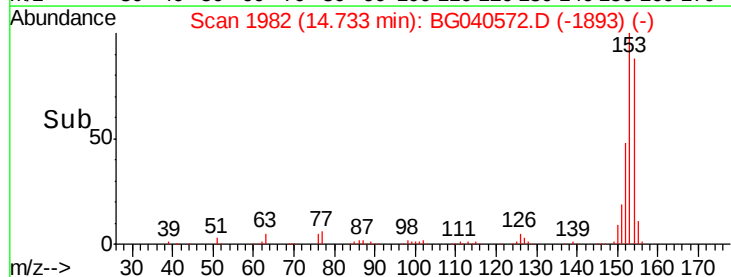
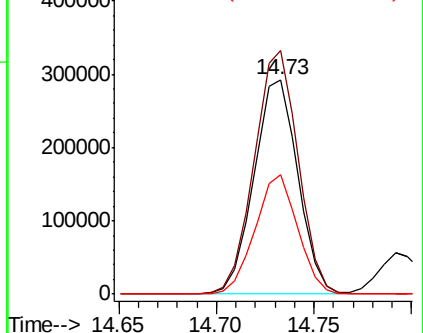
152 55.5 43.4 65.2

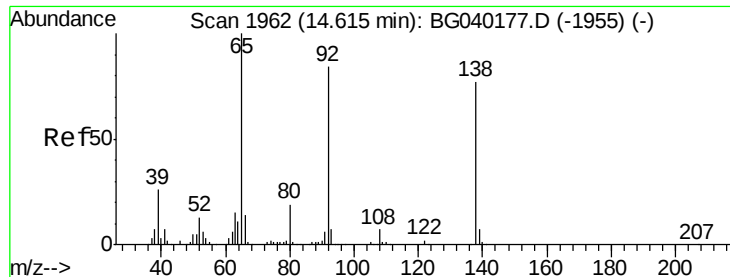


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 44.538 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

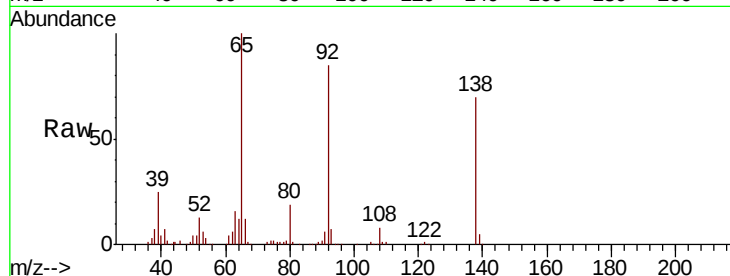
Tgt Ion:138 Resp: 150983

Ion Ratio Lower Upper

138 100

108 11.0 7.8 11.8

92 120.3 87.5 131.3

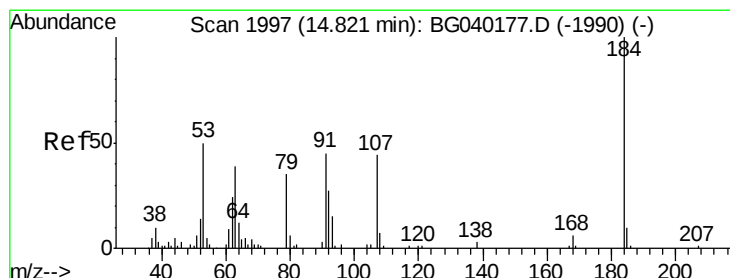
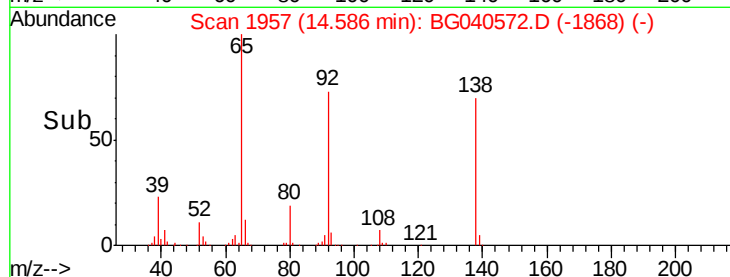
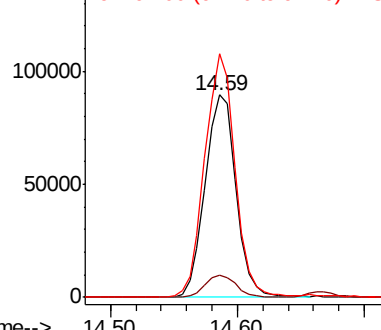


Abundance

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): E



#54

2,4-Dinitrophenol

Concen: 87.891 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

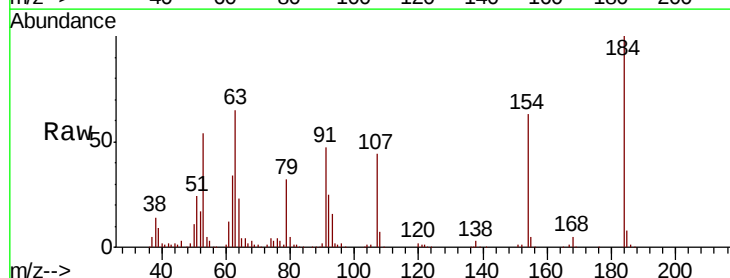
Tgt Ion:184 Resp: 149693

Ion Ratio Lower Upper

184 100

63 64.6 51.8 77.8

154 62.7 50.9 76.3

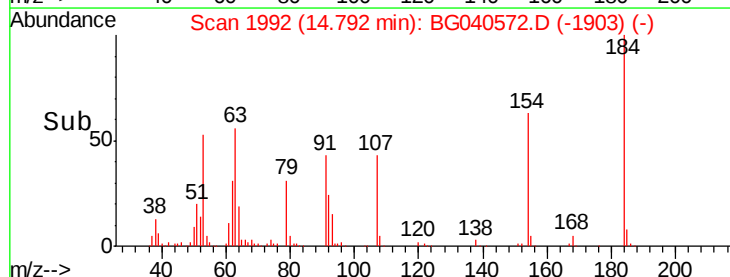
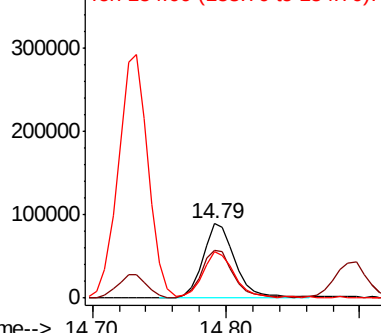


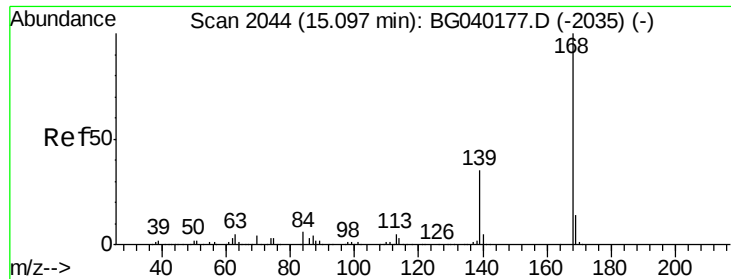
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

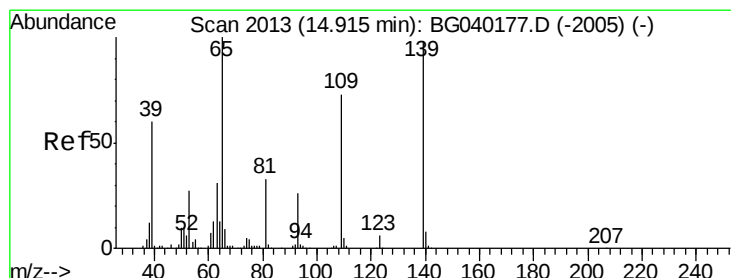
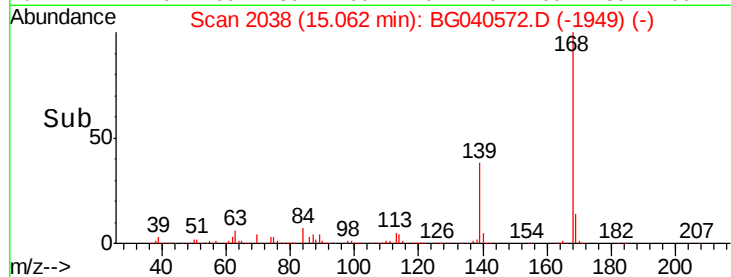
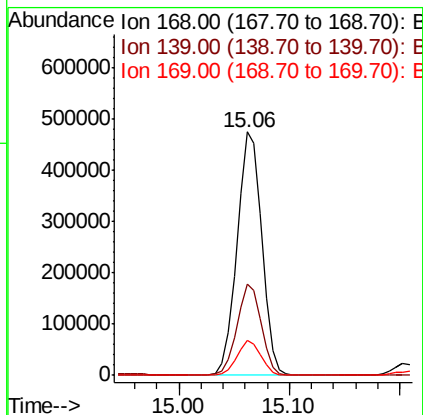
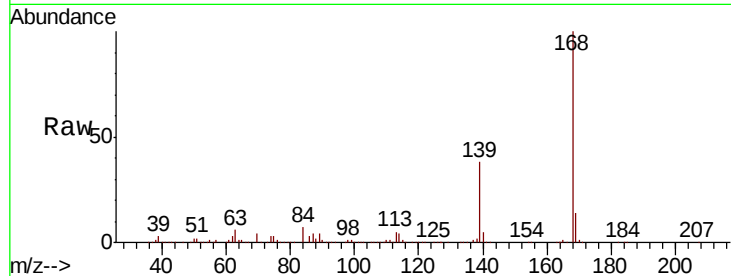




#55
Dibenzofuran
Concen: 43.215 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

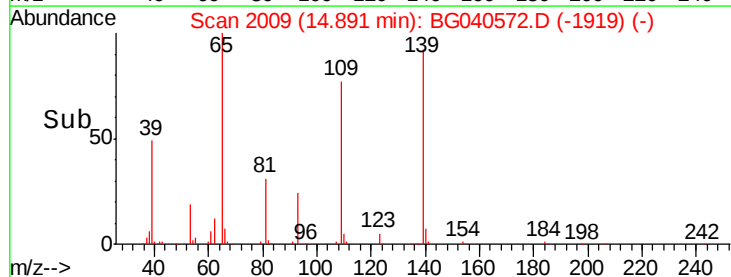
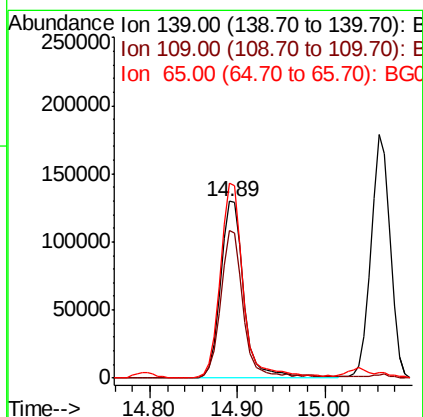
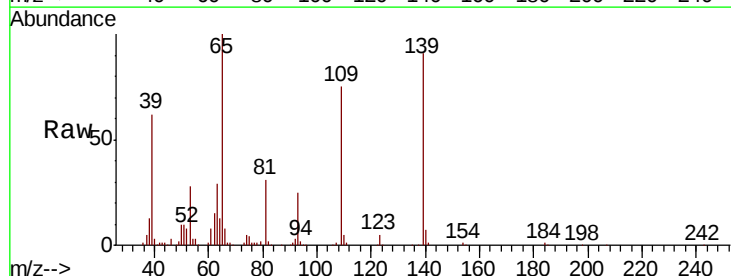
Instrument :
BNA_G
ClientSampleId :
PB119049BS

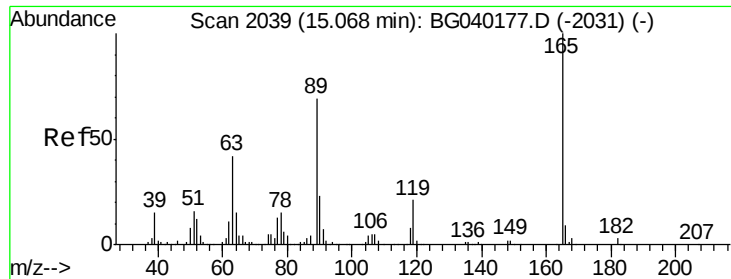
Tgt Ion:168 Resp: 745159
Ion Ratio Lower Upper
168 100
139 37.7 27.9 41.9
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 88.184 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Tgt Ion:139 Resp: 241269
Ion Ratio Lower Upper
139 100
109 83.3 54.3 94.3
65 110.4 82.5 122.5

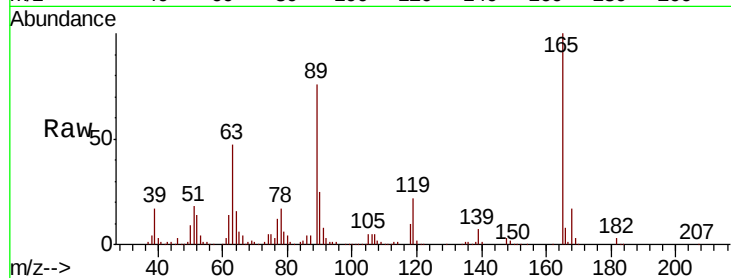




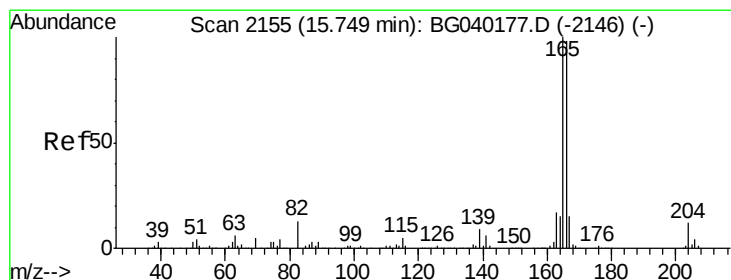
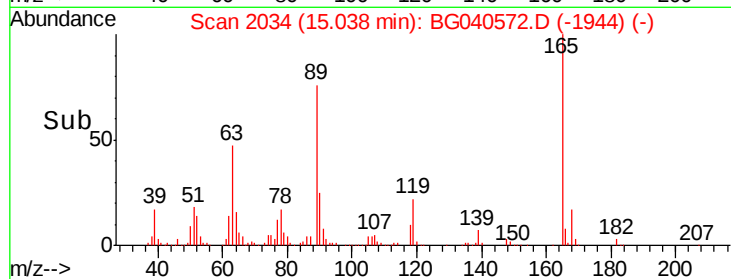
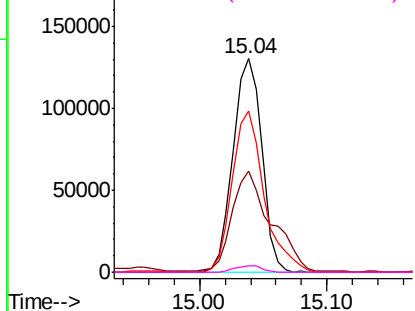
#57
2,4-Dinitrotoluene
Concen: 45.856 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Instrument :
BNA_G
ClientSampleId :
PB119049BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.5	33.8	50.6
89	75.6	55.4	83.2
182	2.8	2.2	3.4

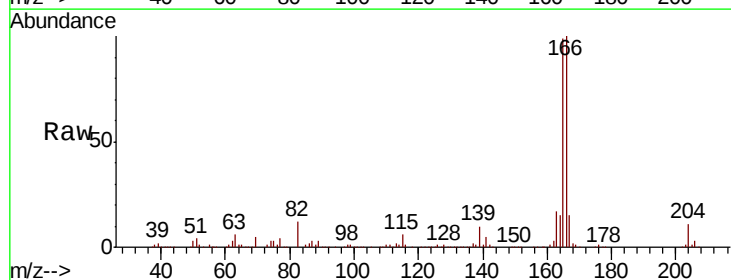


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

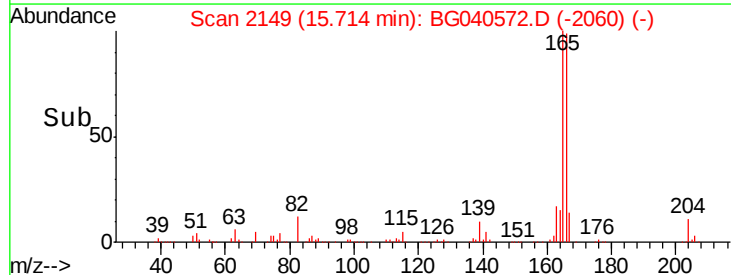
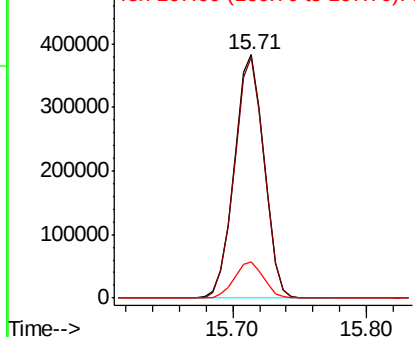


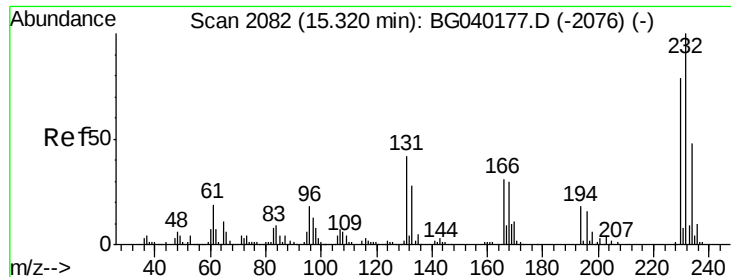
#58
Fluorene
Concen: 43.468 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.7	122.5
167	14.8	11.9	17.9



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

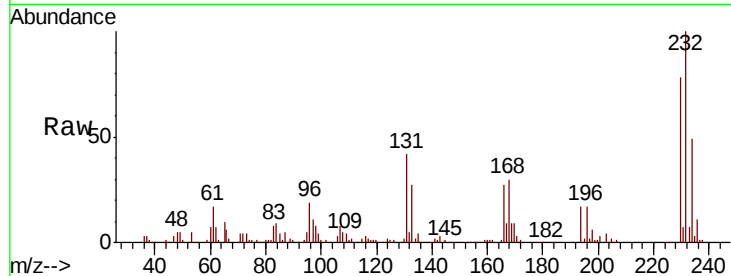




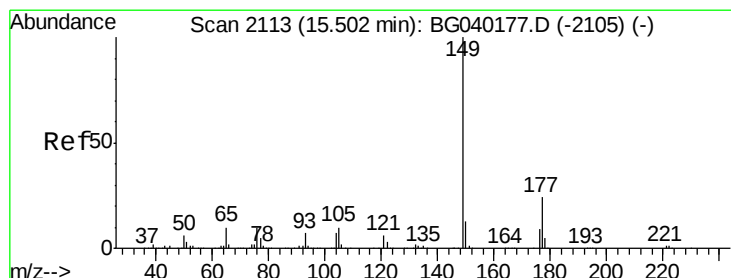
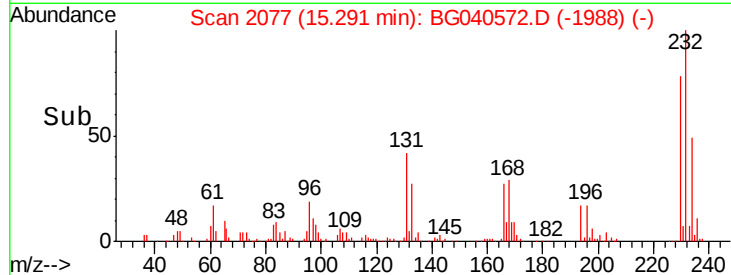
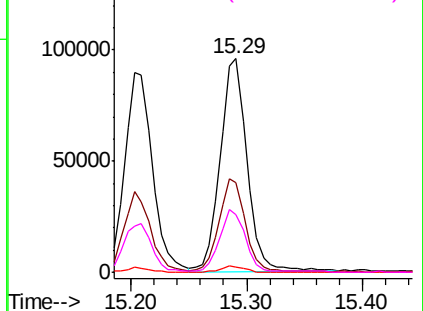
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.601 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

Tgt Ion:	232	Resp:	153661
Ion	Ratio	Lower	Upper
232	100		
131	43.5	32.9	49.3
130	2.6	1.8	2.8
166	28.0	23.5	35.3

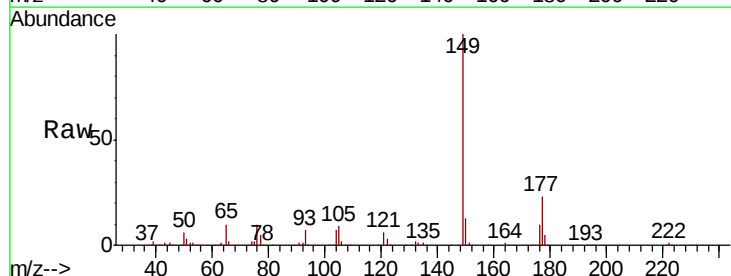


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

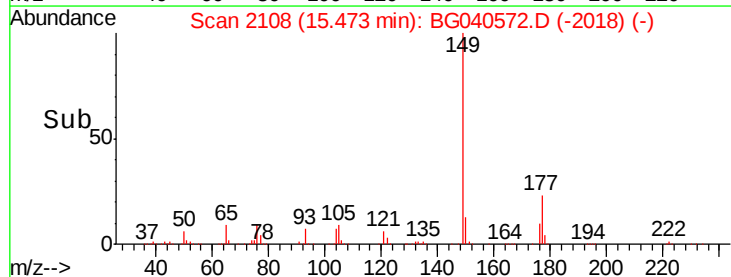
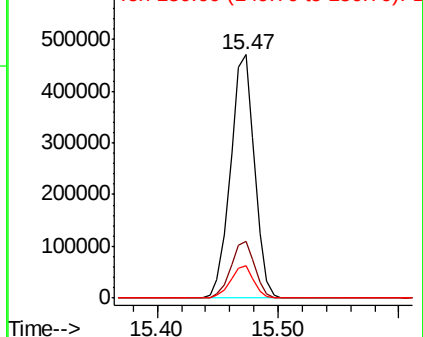


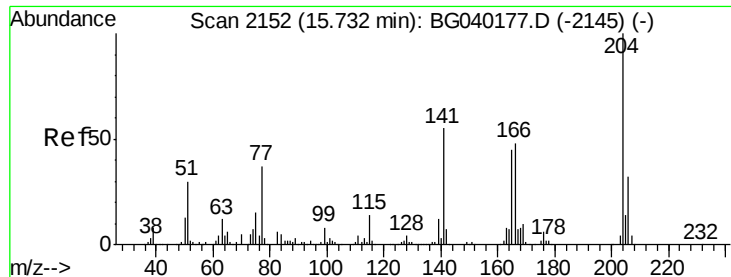
#60
 Diethylphthalate
 Concen: 44.399 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion:	149	Resp:	648012
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	13.1	10.6	15.8



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

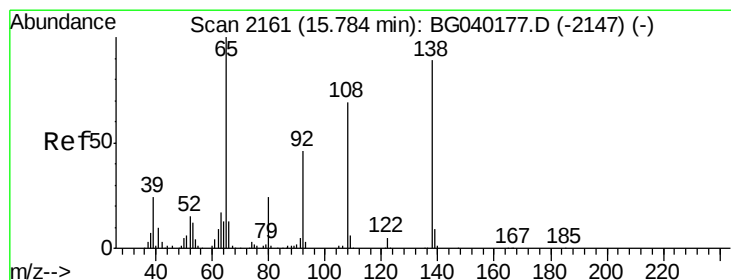
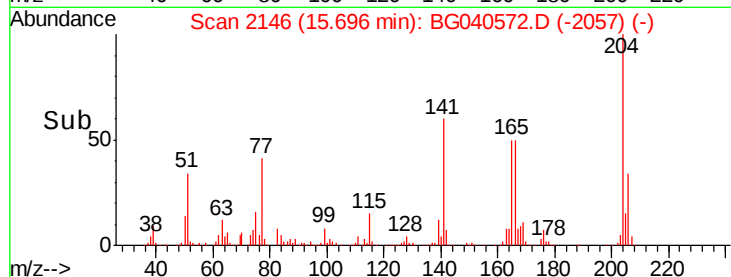
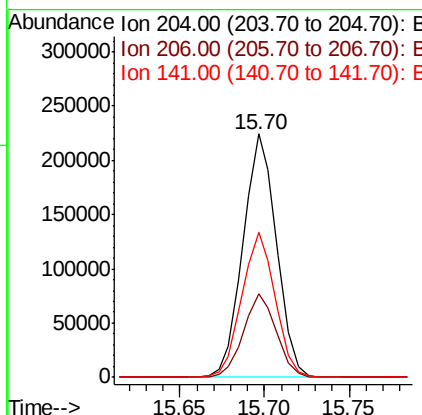
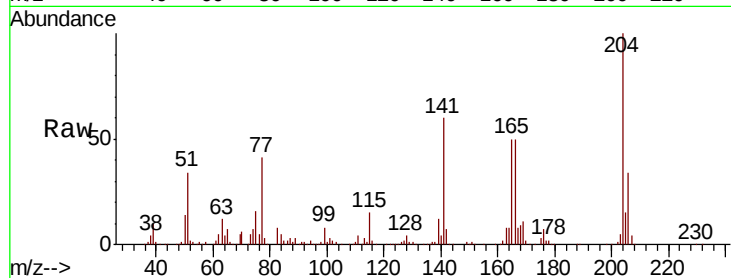




#61
 4-Chlorophenyl-phenylether
 Concen: 42.667 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

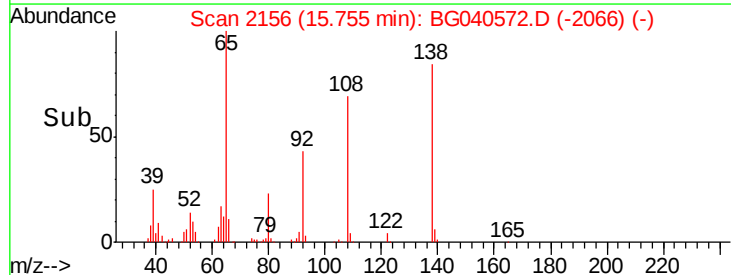
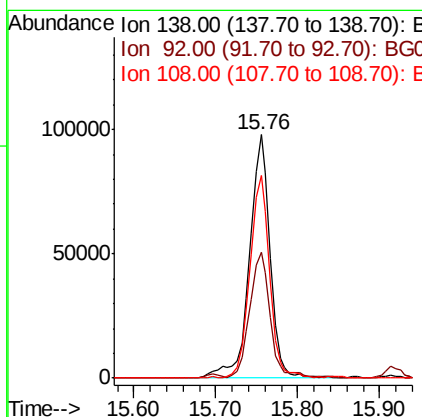
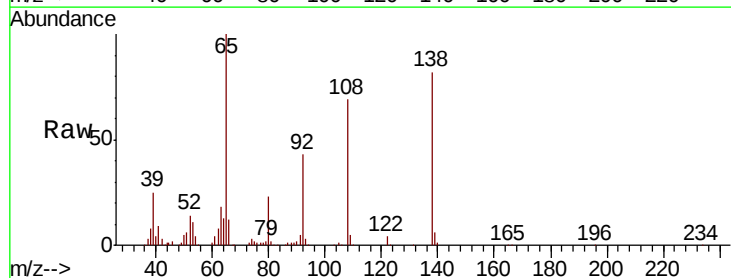
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

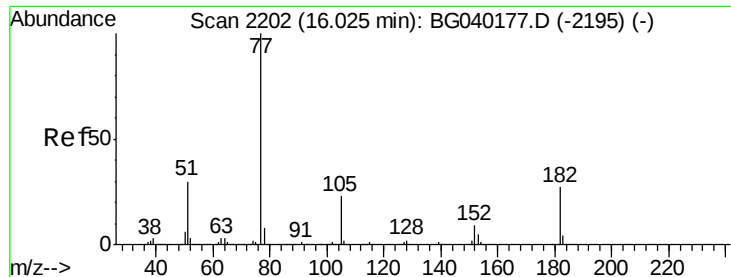
Tgt Ion: 204 Resp: 309182
 Ion Ratio Lower Upper
 204 100
 206 34.2 25.7 38.5
 141 59.6 44.0 66.0



#62
 4-Nitroaniline
 Concen: 47.333 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion: 138 Resp: 172197
 Ion Ratio Lower Upper
 138 100
 92 51.8 31.8 71.8
 108 83.3 57.2 97.2

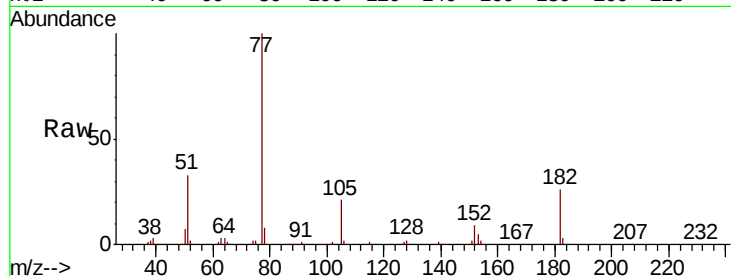




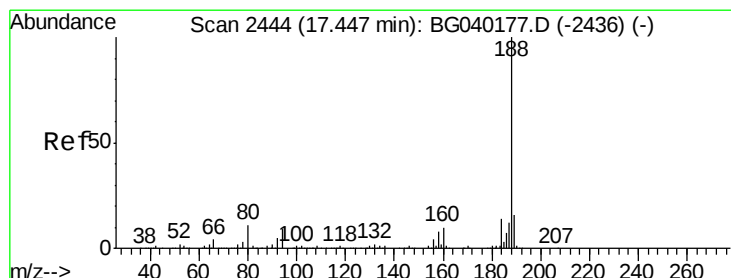
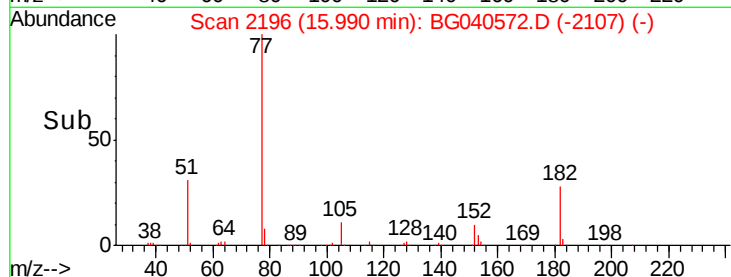
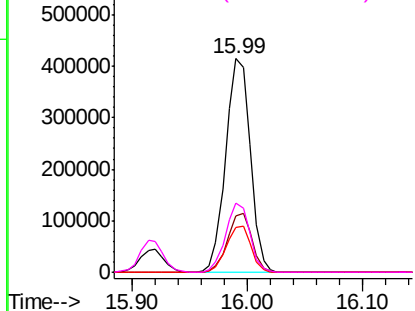
#63
Azobenzene
Concen: 44.443 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Instrument :
BNA_G
ClientSampleId :
PB119049BS

Tgt Ion: 77 Resp: 611847
Ion Ratio Lower Upper
77 100
182 26.2 7.2 47.2
105 21.1 2.8 42.8
51 32.6 10.4 50.4

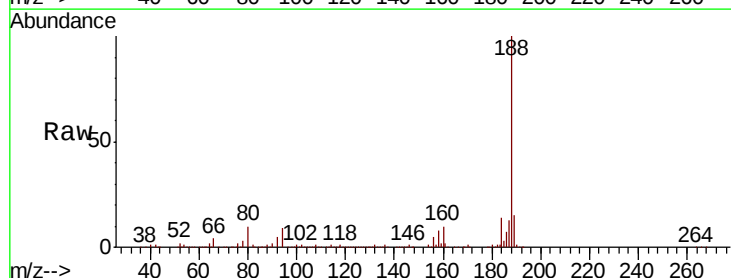


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

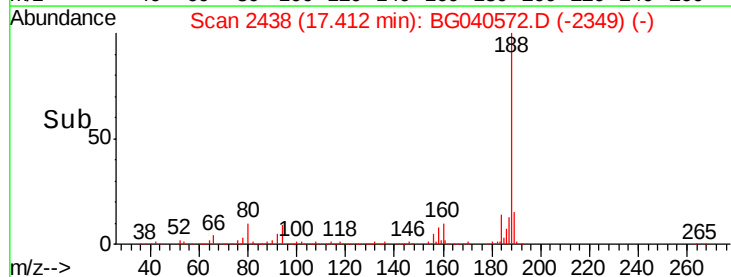
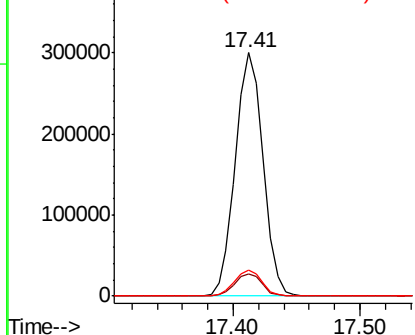


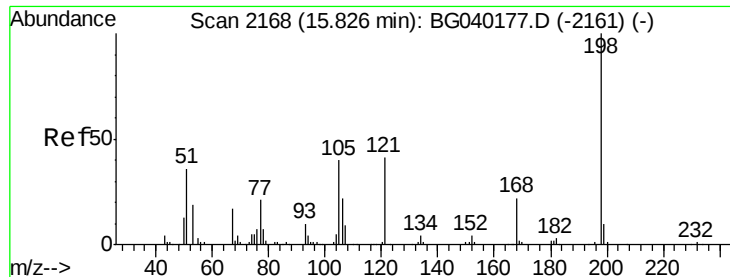
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Tgt Ion: 188 Resp: 452854
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.5 8.6 13.0



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

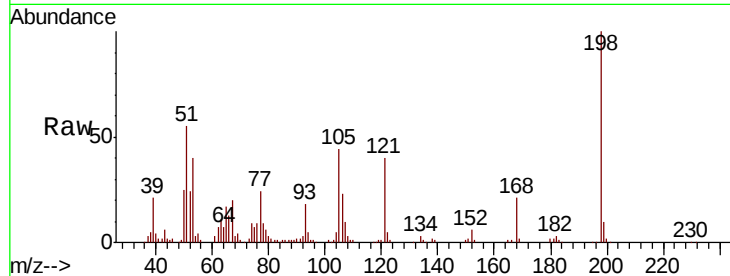




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.898 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

Tgt Ion	Resp	Lower	Upper
198	119319		
51	55.0	27.3	67.3
105	43.7	21.7	61.7

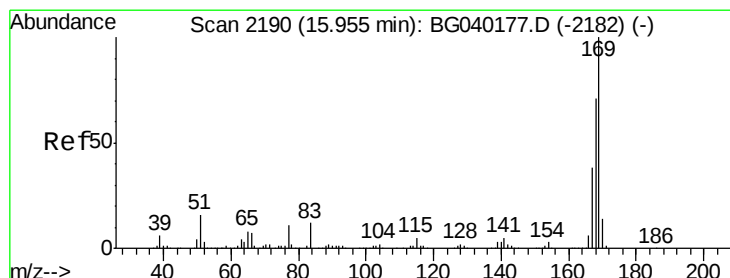
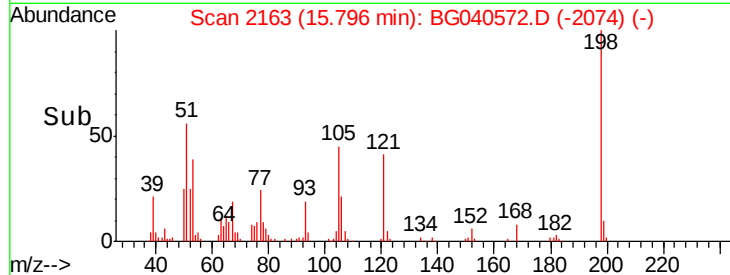
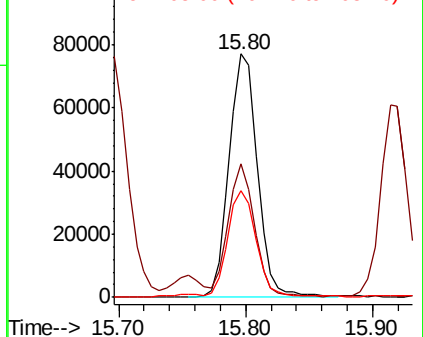


Abundance

Ion 198.00 (197.70 to 198.70): E

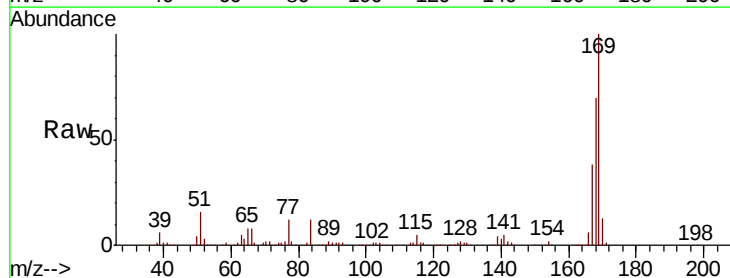
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 41.578 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion	Resp	Lower	Upper
169	550985		
168	69.6	56.8	85.2
167	38.1	30.2	45.4

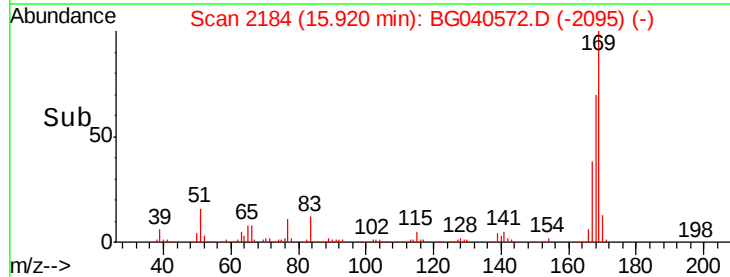
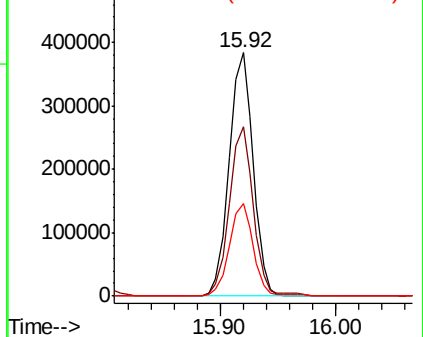


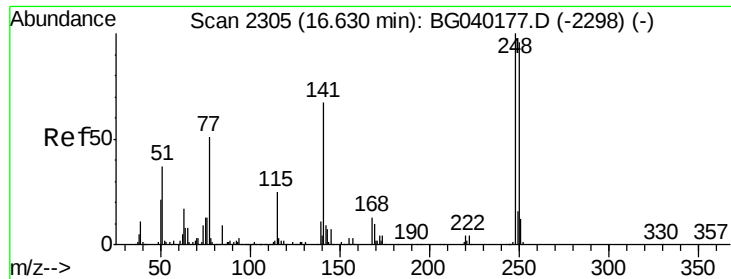
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

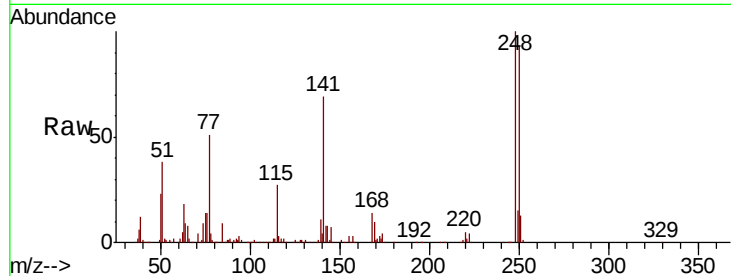




#67
 4-Bromophenyl-phenylether
 Concen: 41.194 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.6	76.4	114.6
141	69.0	53.8	80.8

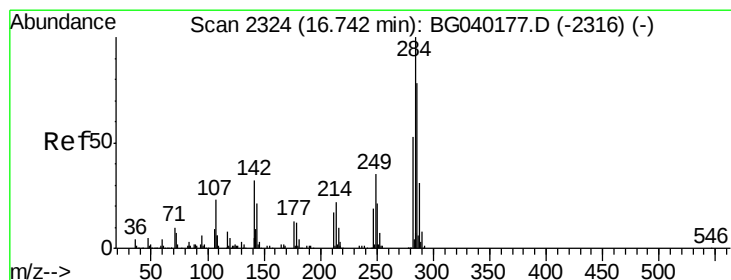
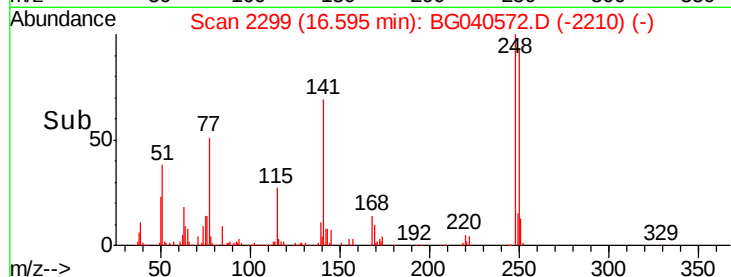
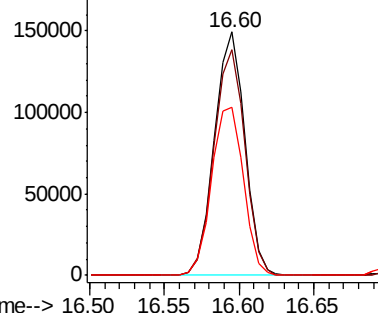


Abundance

Ion 248.00 (247.70 to 248.70): E

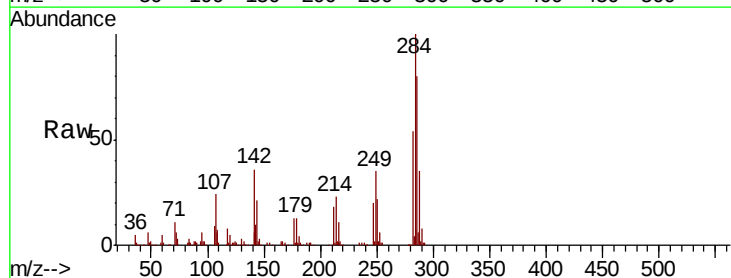
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.824 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG040572.D
 Acq: 19 Apr 2019 21:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	25.3	37.9
249	35.4	28.2	42.2

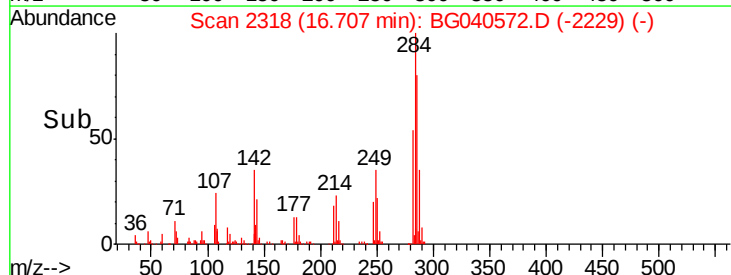
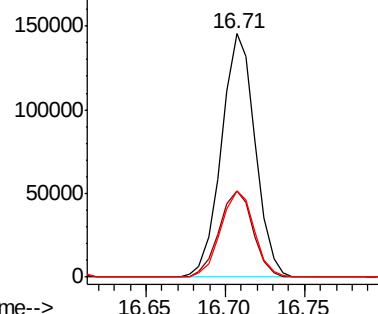


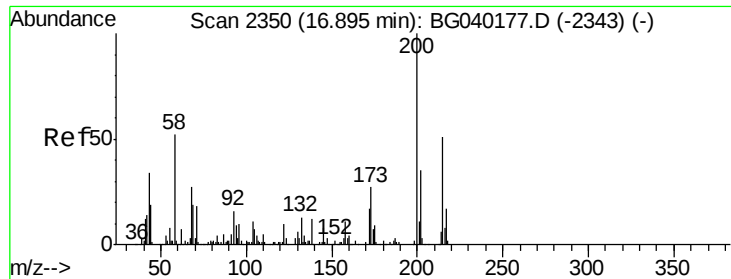
Abundance

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: 10.149 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.02 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

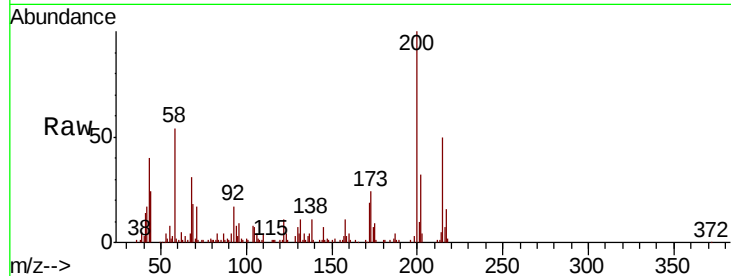
Tgt Ion:200 Resp: 50032

Ion Ratio Lower Upper

200 100

173 23.6 7.1 47.1

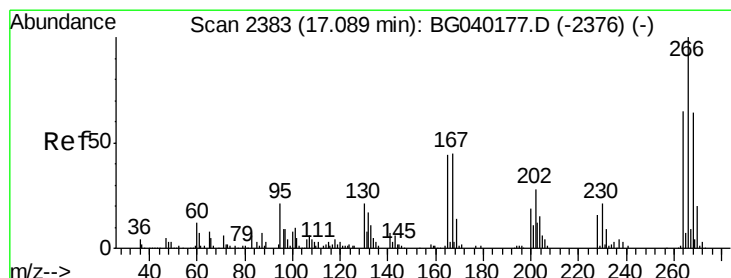
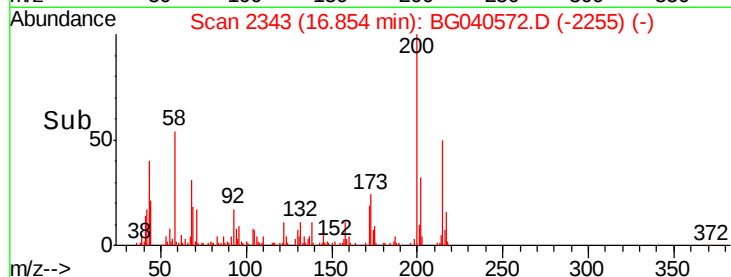
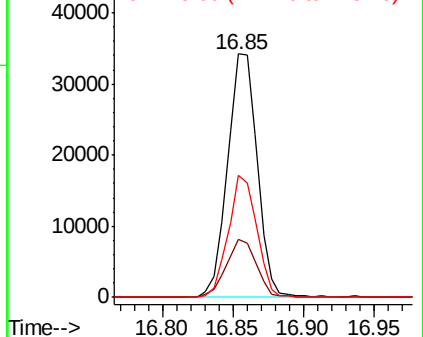
215 50.3 30.9 70.9



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: 69.665 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

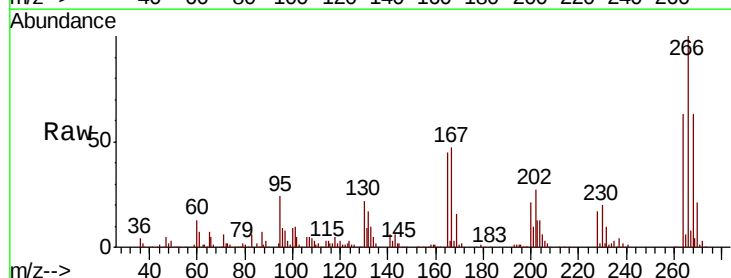
Tgt Ion:266 Resp: 206373

Ion Ratio Lower Upper

266 100

268 67.6 55.0 82.4

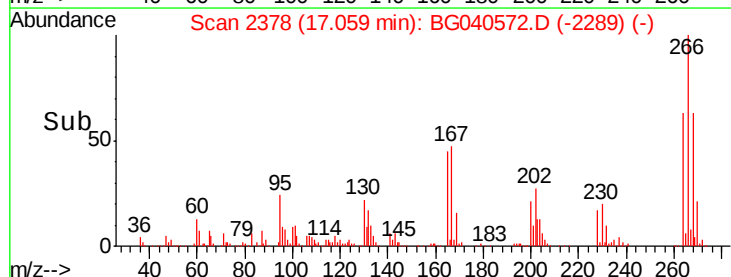
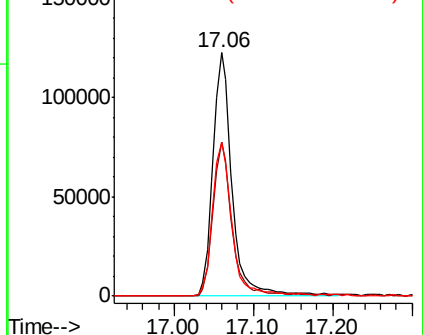
264 63.4 51.8 77.8

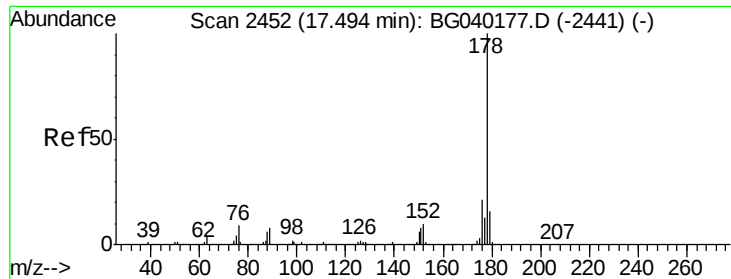


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

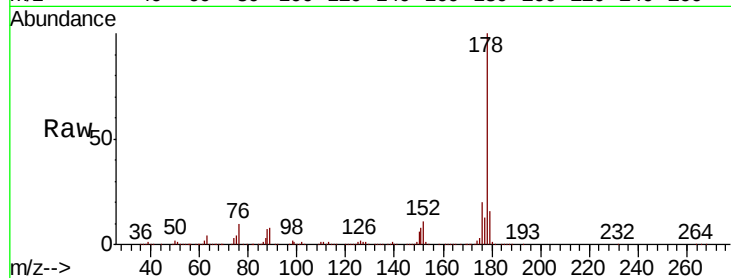




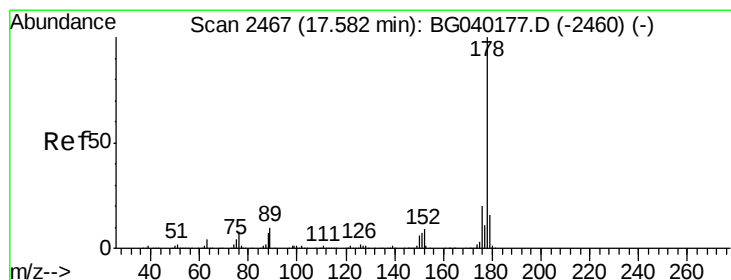
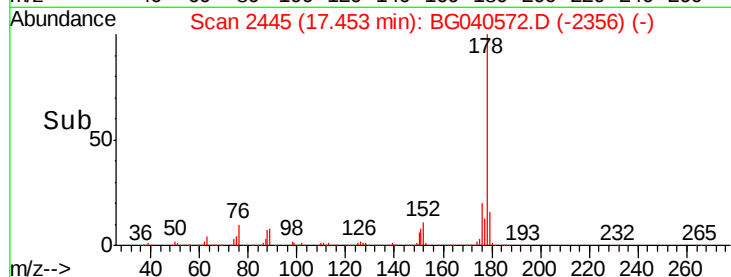
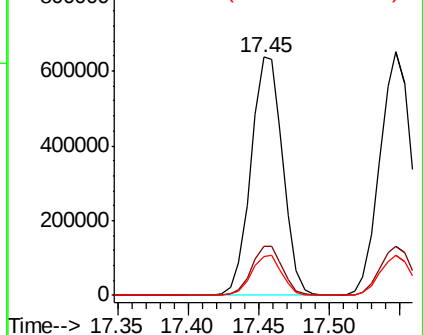
#71
Phenanthrene
Concen: 42.357 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Instrument :
BNA_G
ClientSampleId :
PB119049BS

Tgt Ion:178 Resp: 1008207
Ion Ratio Lower Upper
178 100
176 20.4 16.7 25.1
179 16.2 12.8 19.2

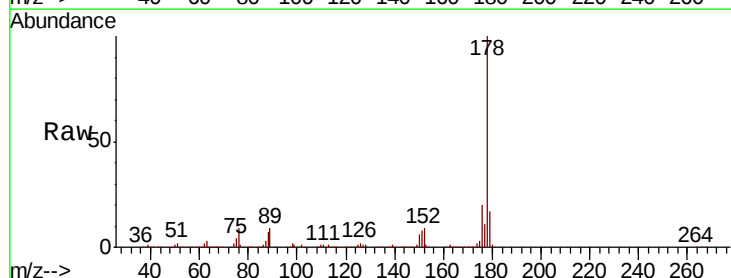


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

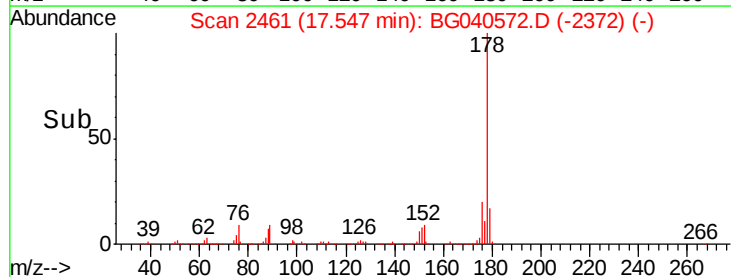
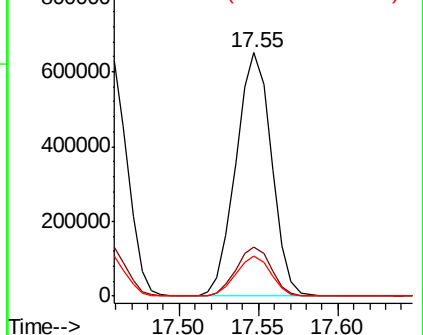


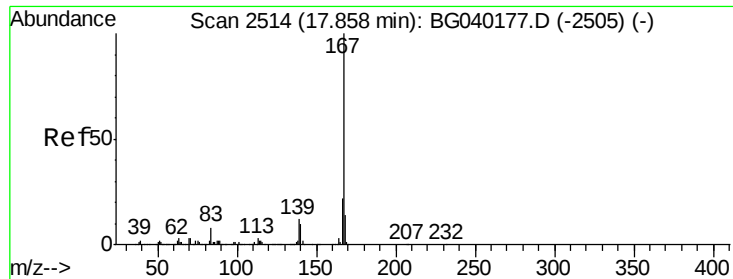
#72
Anthracene
Concen: 42.457 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Tgt Ion:178 Resp: 1011526
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.7 12.9 19.3



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: 48.833 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

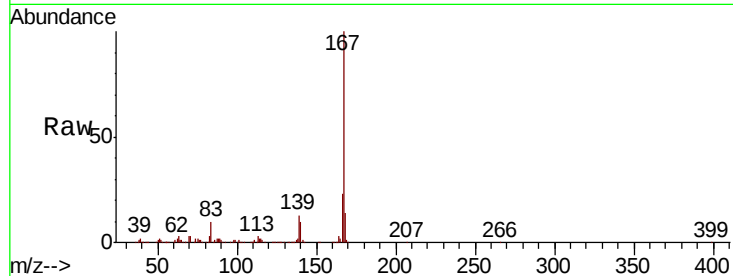
Tgt Ion:167 Resp: 1101060

Ion Ratio Lower Upper

167 100

166 22.7 17.5 26.3

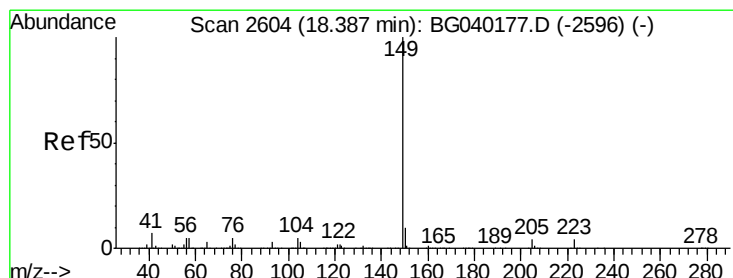
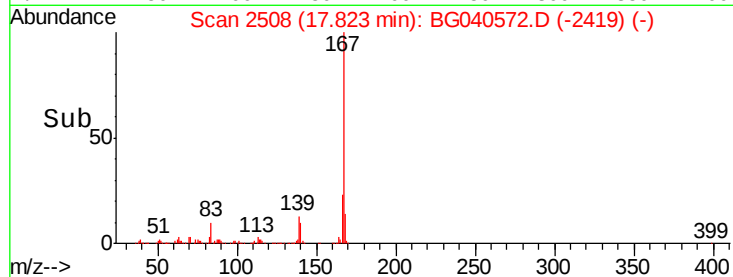
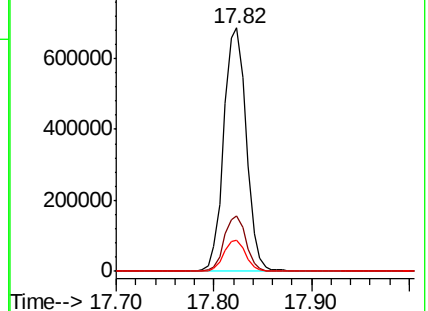
139 12.9 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.790 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

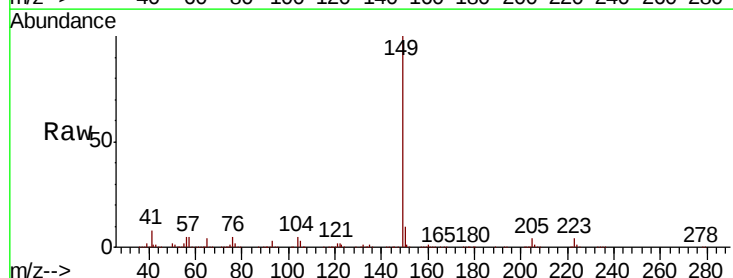
Tgt Ion:149 Resp: 1143640

Ion Ratio Lower Upper

149 100

150 10.2 7.9 11.9

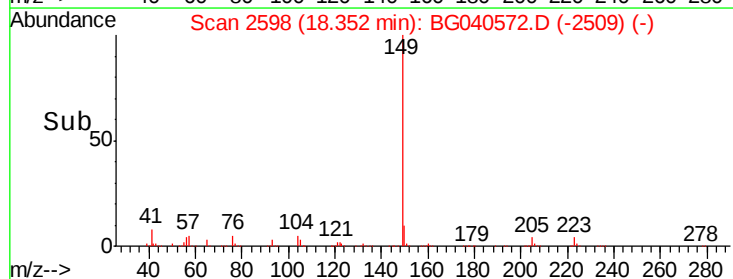
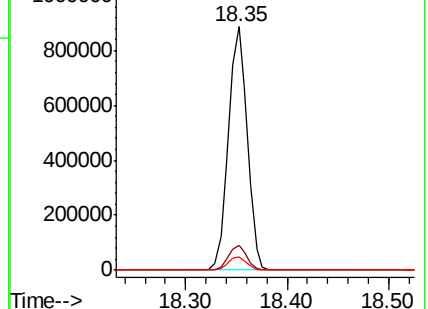
104 5.3 4.1 6.1

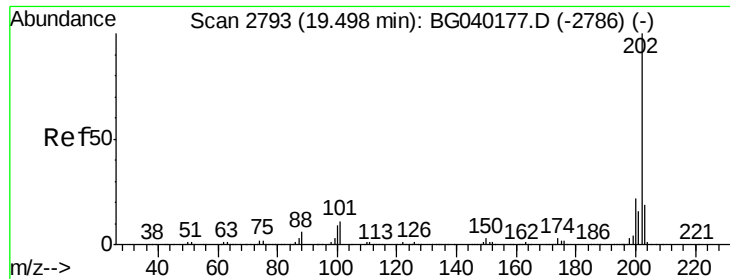


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.439 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampled :

PB119049BS

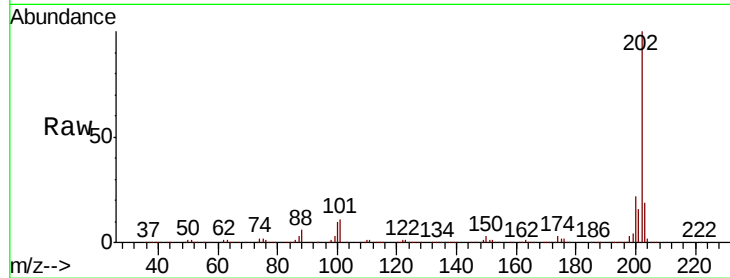
Tgt Ion:202 Resp: 1224350

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

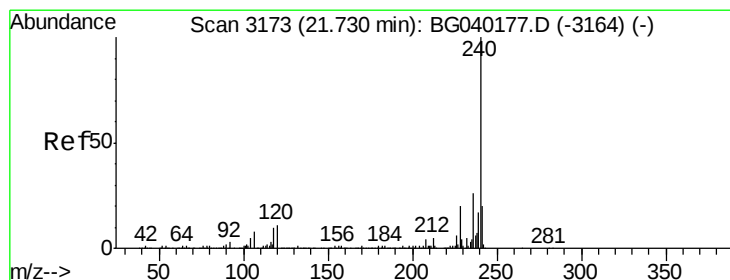
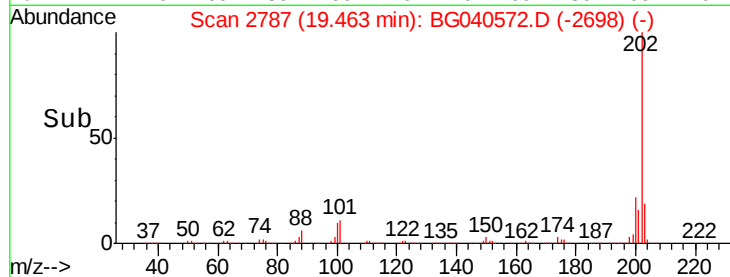
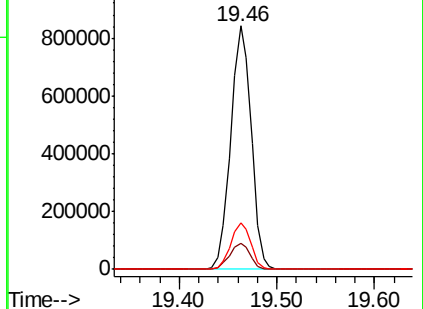
203 19.0 0.0 38.9



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

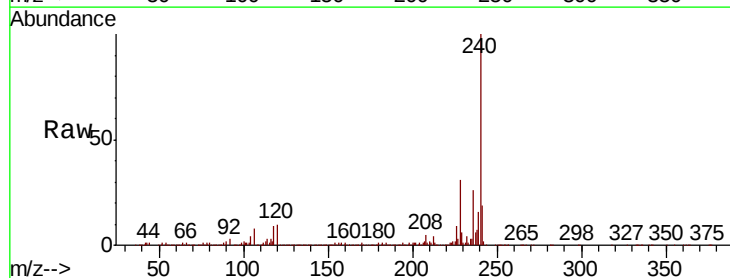
Tgt Ion:240 Resp: 470071

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

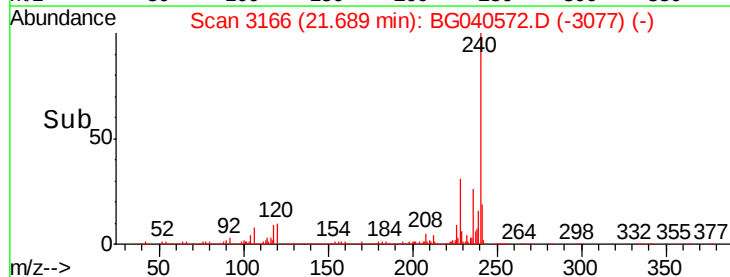
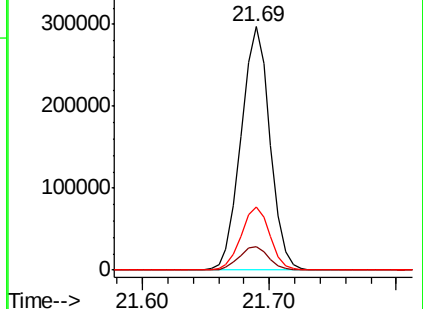
236 26.1 20.8 31.2

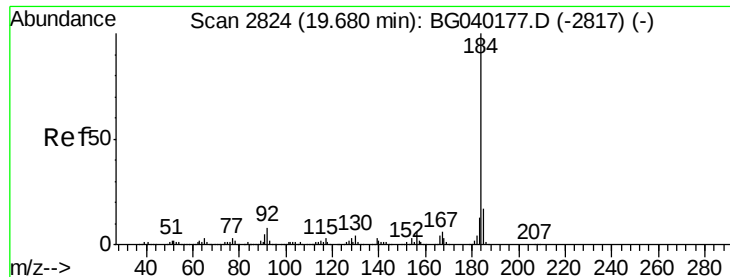


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.298 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

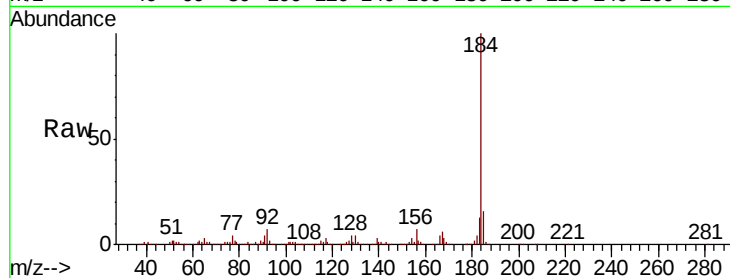
Tgt Ion:184 Resp: 633128

Ion Ratio Lower Upper

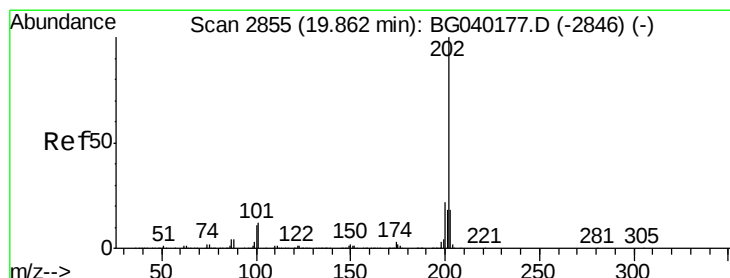
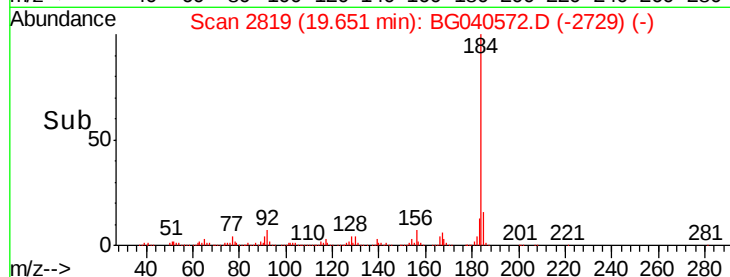
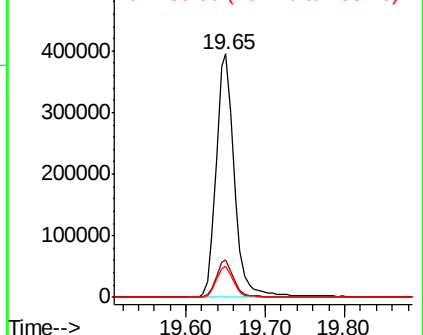
184 100

185 15.6 13.3 19.9

183 12.7 10.3 15.5



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: 40.062 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

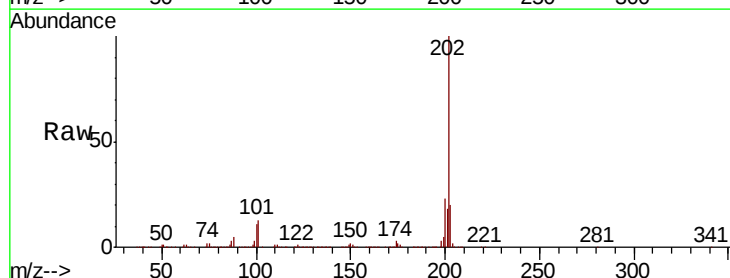
Tgt Ion:202 Resp: 1238412

Ion Ratio Lower Upper

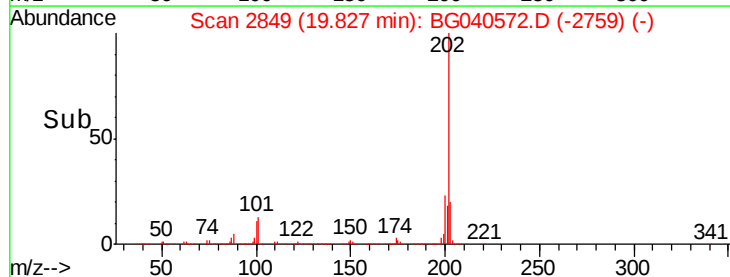
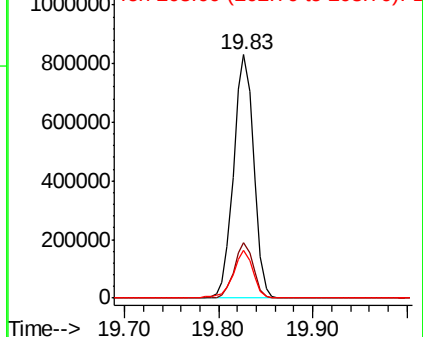
202 100

200 22.8 17.3 25.9

203 19.7 14.6 22.0



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: 81.304 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

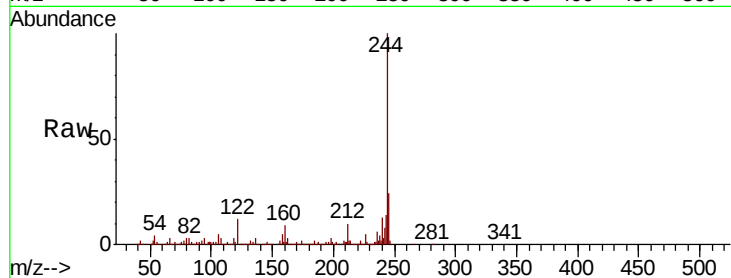
Tgt Ion:244 Resp: 1698862

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

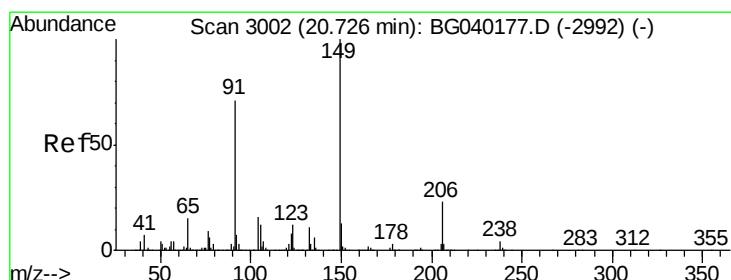
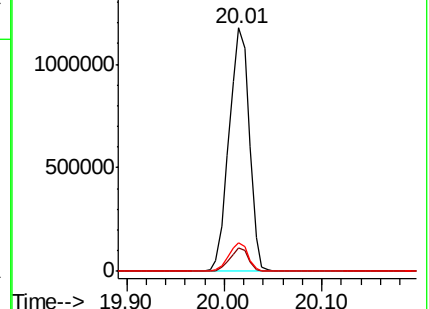
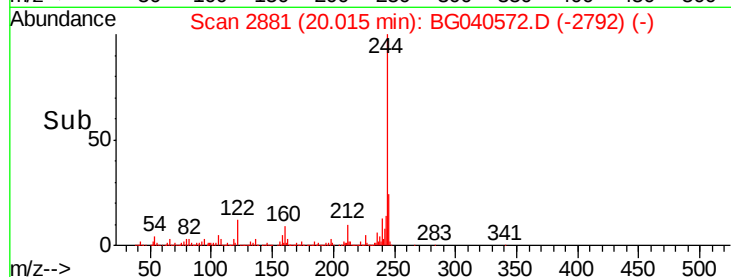
122 11.9 8.5 12.7



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: 53.215 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

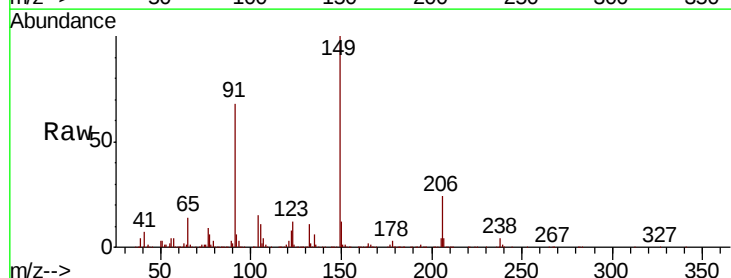
Tgt Ion:149 Resp: 703914

Ion Ratio Lower Upper

149 100

91 67.6 57.0 85.4

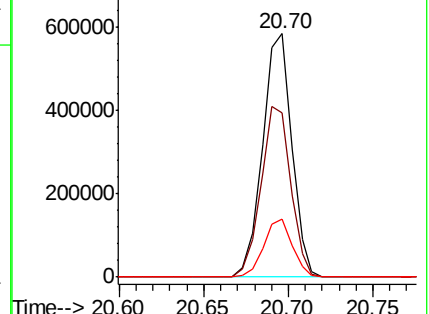
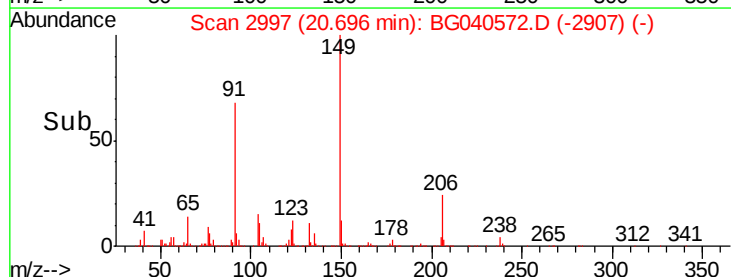
206 23.8 18.2 27.4

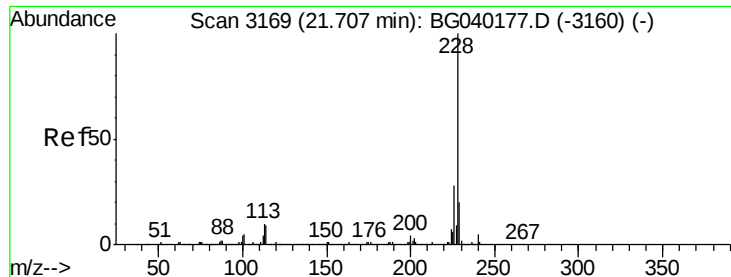


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

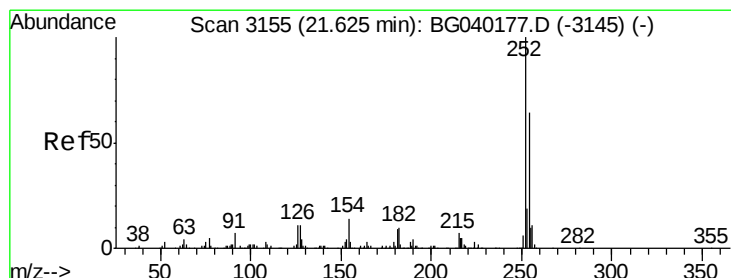
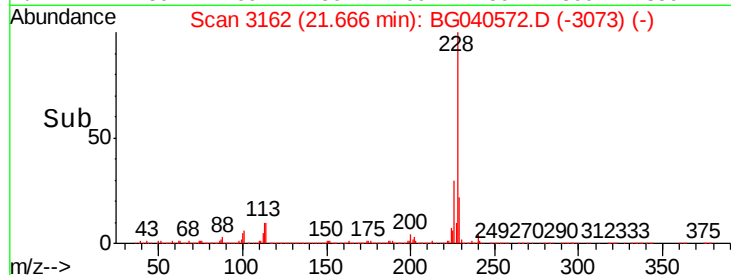
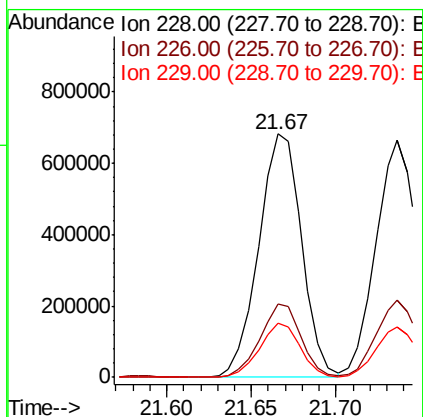
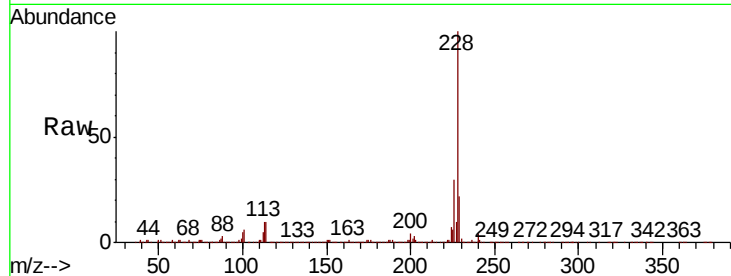




#81
Benzo(a)anthracene
Concen: 41.468 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

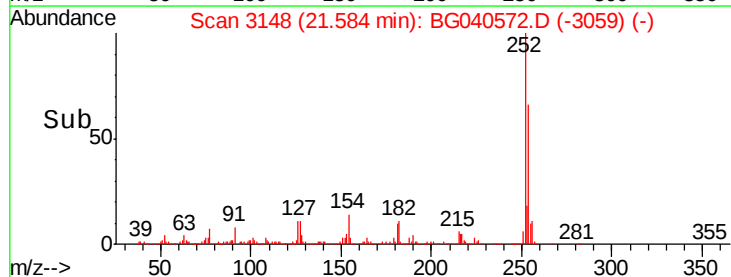
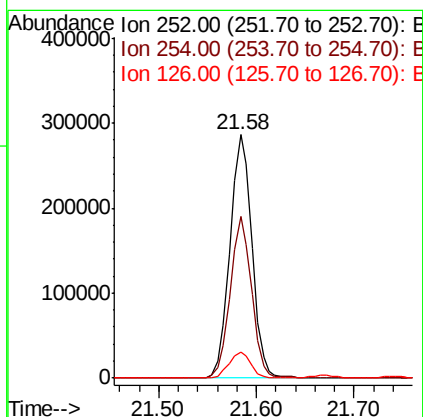
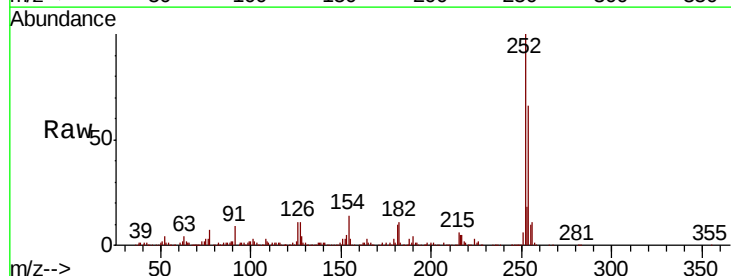
Instrument :
BNA_G
ClientSampleId :
PB119049BS

Tgt Ion:228 Resp: 1200666
Ion Ratio Lower Upper
228 100
226 30.0 22.6 34.0
229 22.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 40.603 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG040572.D
Acq: 19 Apr 2019 21:40

Tgt Ion:252 Resp: 447208
Ion Ratio Lower Upper
252 100
254 66.4 51.4 77.2
126 10.8 8.5 12.7





#83

Chrysene

Concen: 40.771 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

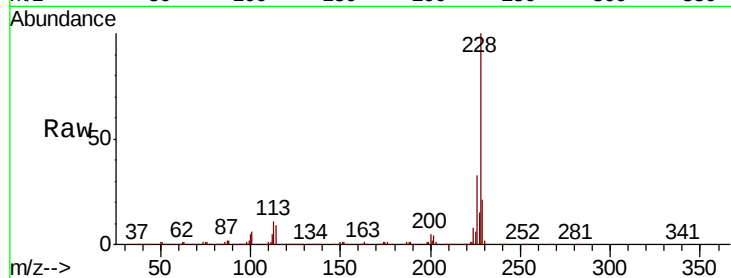
Tgt Ion:228 Resp: 1134514

Ion Ratio Lower Upper

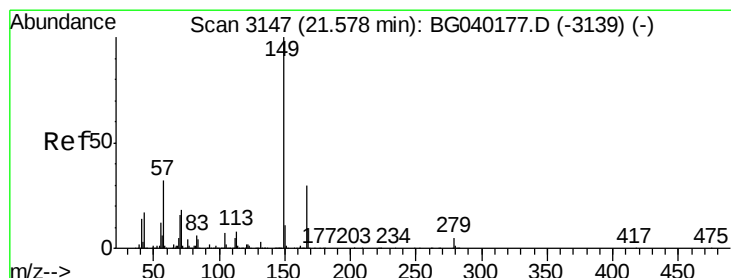
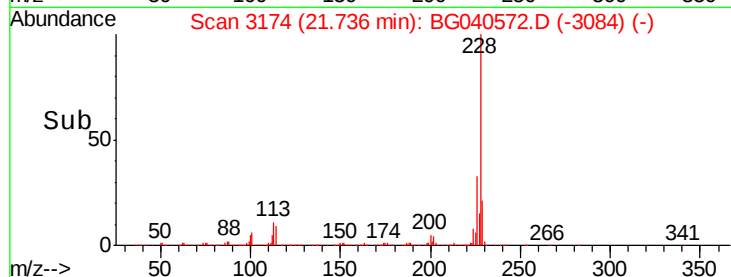
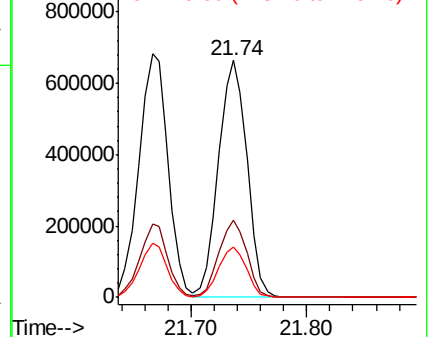
228 100

226 32.6 25.4 38.0

229 21.1 17.0 25.4



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: 42.393 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

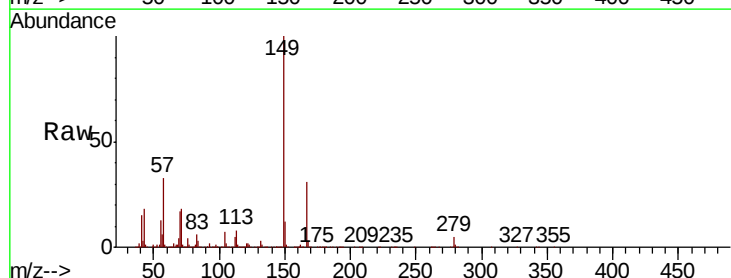
Tgt Ion:149 Resp: 801605

Ion Ratio Lower Upper

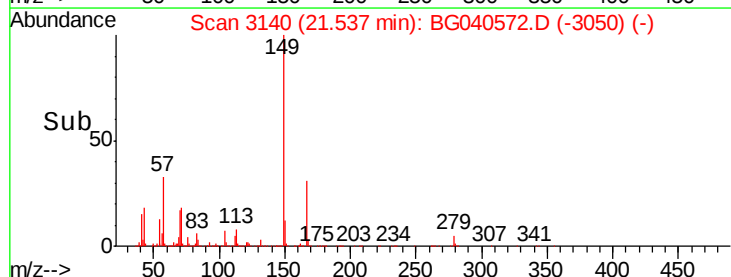
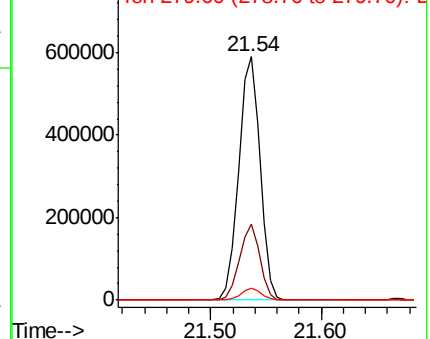
149 100

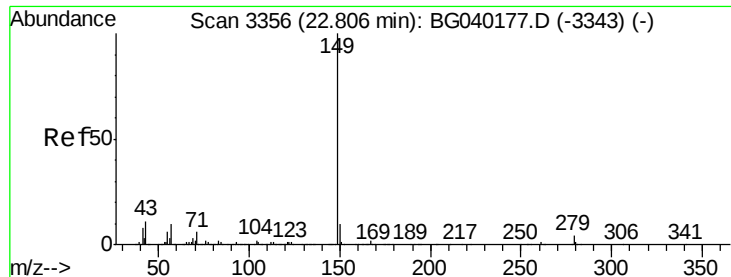
167 30.9 24.1 36.1

279 4.8 4.1 6.1



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





#85

Di-n-octyl phthalate

Concen: 42.626 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

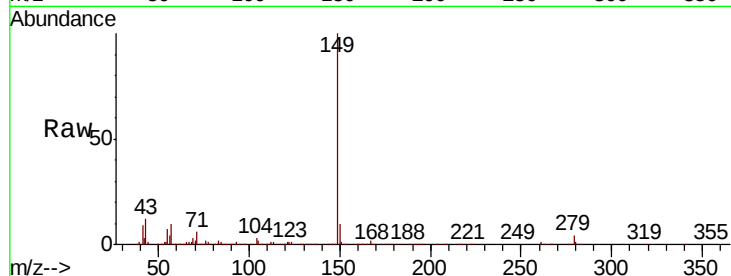
Tgt Ion:149 Resp: 1373249

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

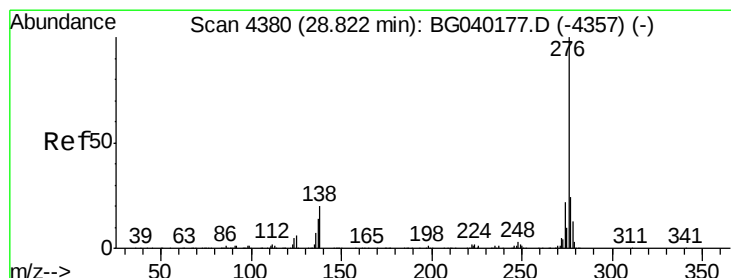
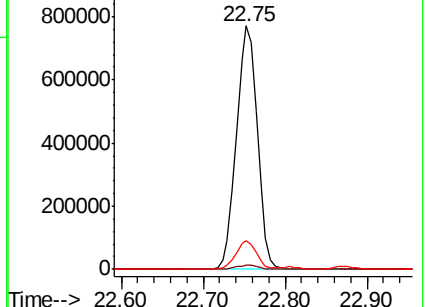
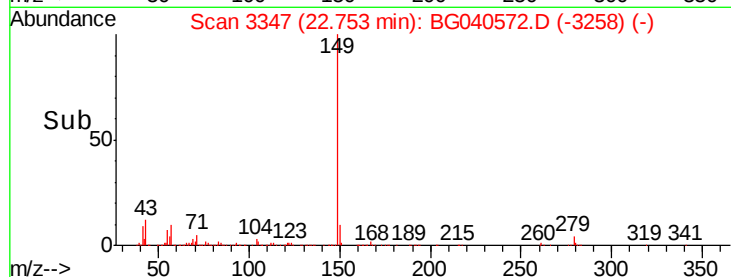
43 11.5 8.7 13.1



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: 53.772 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.00 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

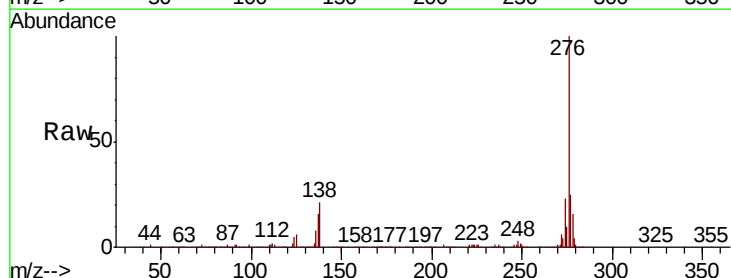
Tgt Ion:276 Resp: 1830059

Ion Ratio Lower Upper

276 100

138 12.5 18.8 28.2#

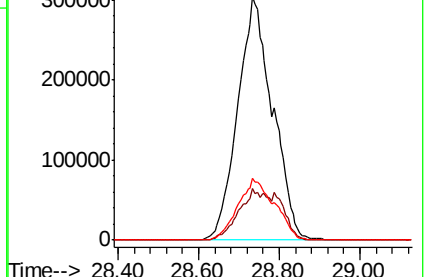
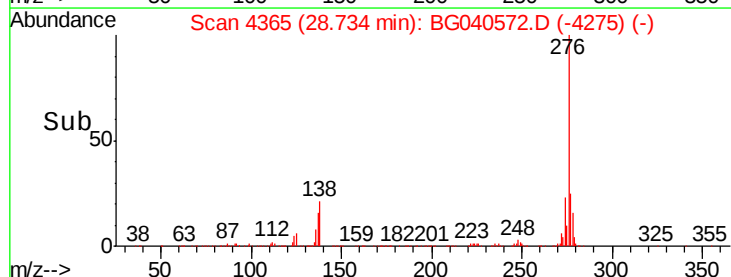
277 26.5 21.0 31.4

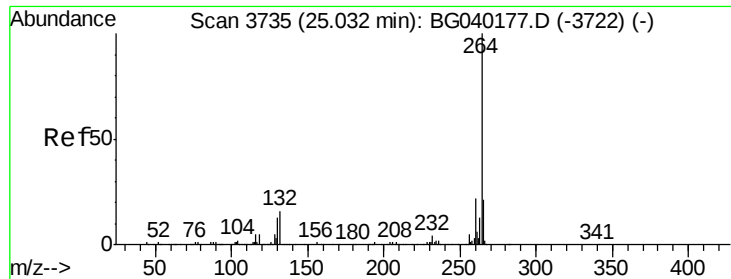


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

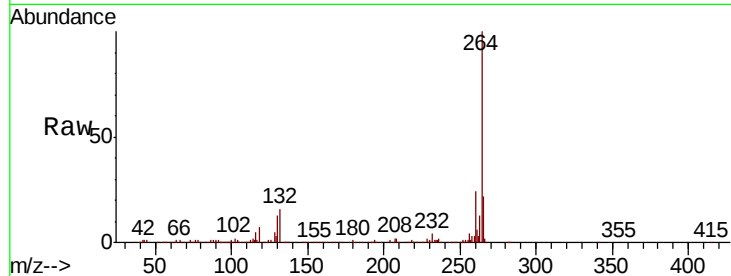
Tgt Ion:264 Resp: 414255

Ion Ratio Lower Upper

264 100

260 24.1 17.9 26.9

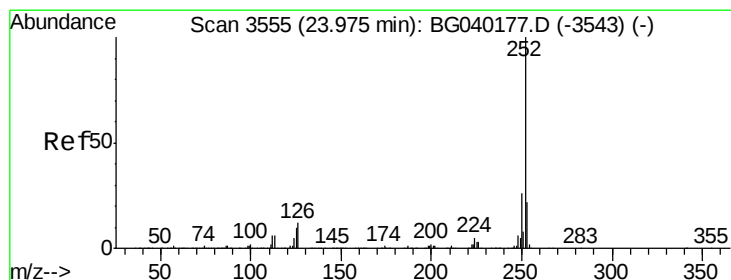
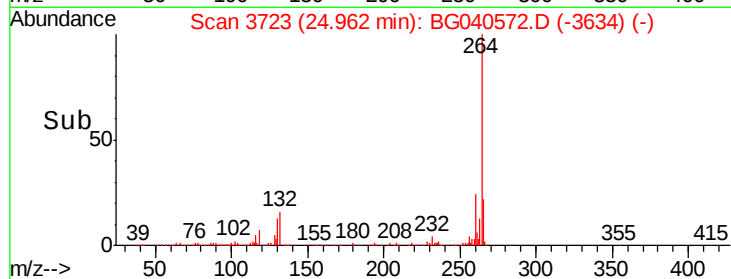
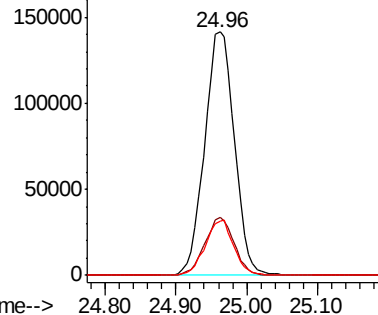
265 22.3 16.8 25.2



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: 49.149 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

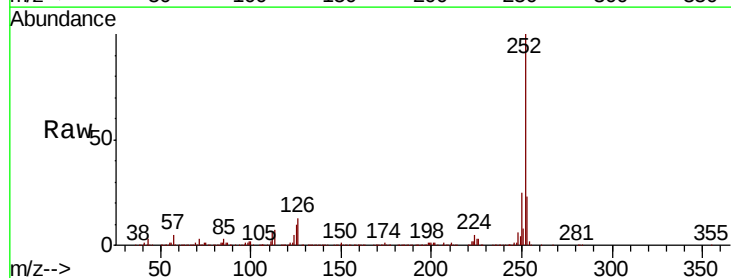
Tgt Ion:252 Resp: 1246542

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

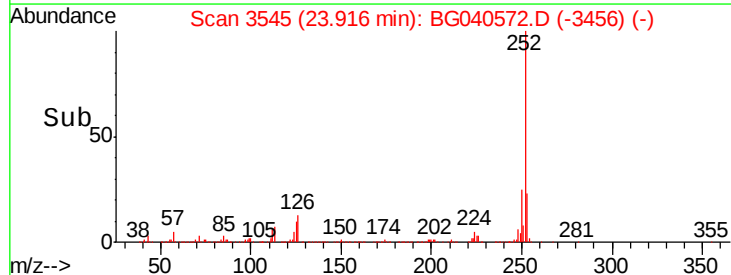
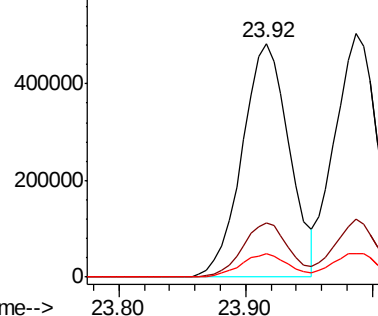
125 10.0 8.2 12.4

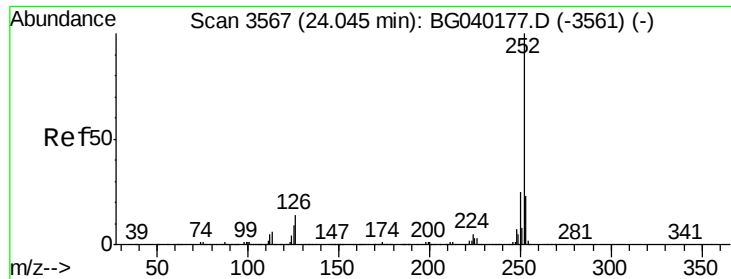


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.888 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.00 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

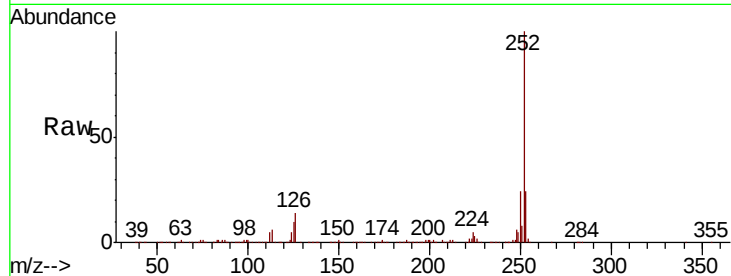
Tgt Ion:252 Resp: 1186891

Ion Ratio Lower Upper

252 100

253 23.6 18.6 28.0

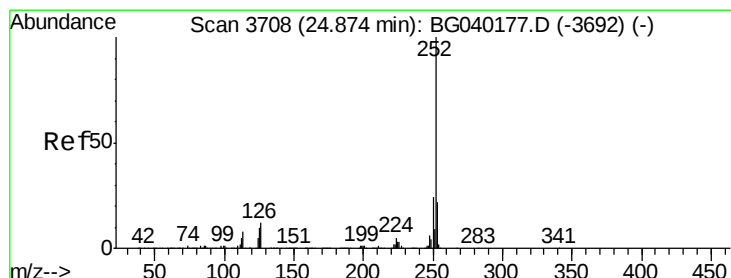
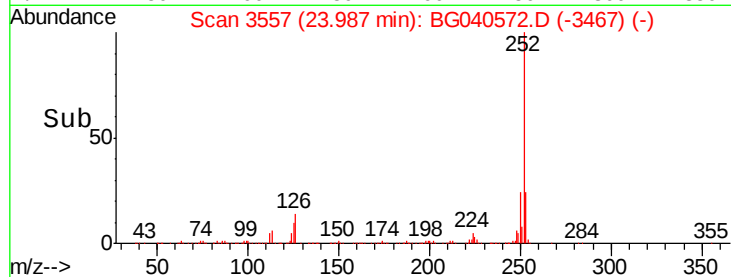
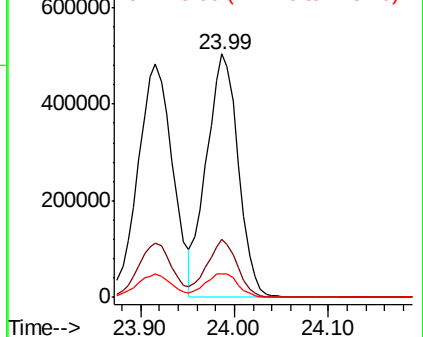
125 9.9 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 53.264 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

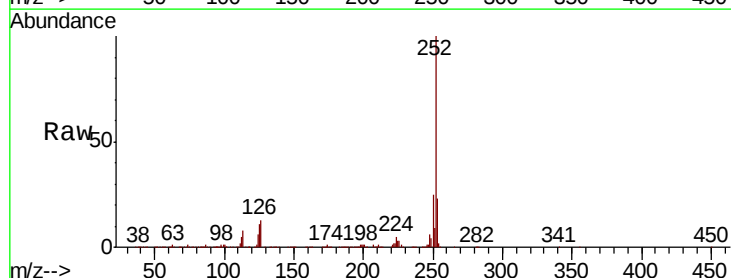
Tgt Ion:252 Resp: 1267482

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

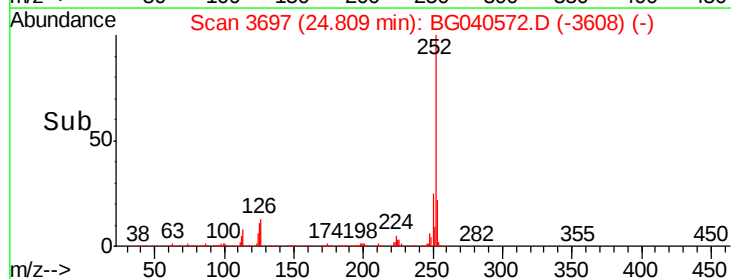
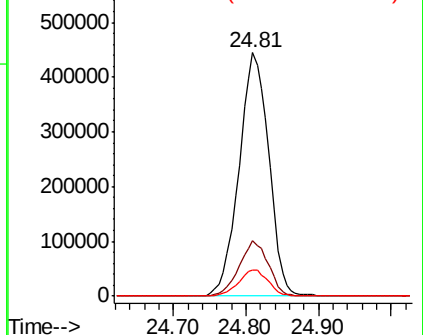
125 10.6 8.3 12.5

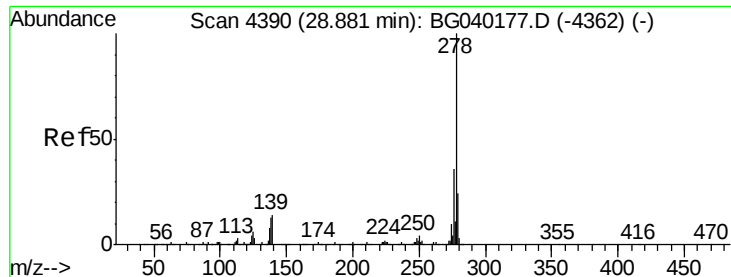


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 68.980 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.00 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

Instrument :

BNA_G

ClientSampleId :

PB119049BS

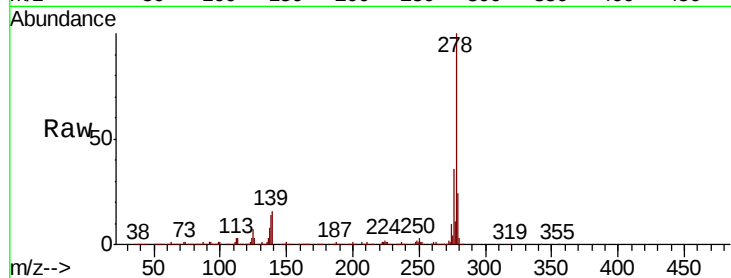
Tgt Ion:278 Resp: 1524533

Ion Ratio Lower Upper

278 100

139 15.8 11.2 16.8

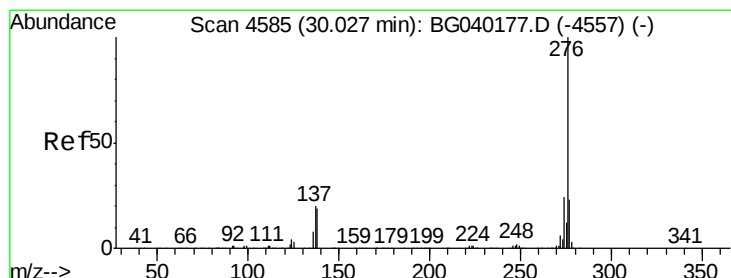
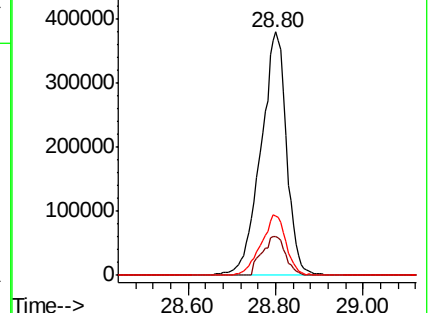
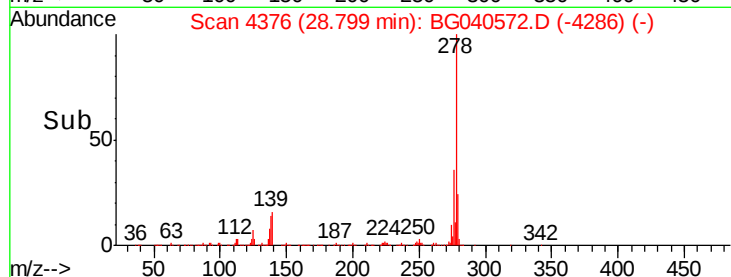
279 24.4 18.9 28.3



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: 52.396 ng

RT: 29.92 min Scan# 4567

Delta R.T. 0.01 min

Lab File: BG040572.D

Acq: 19 Apr 2019 21:40

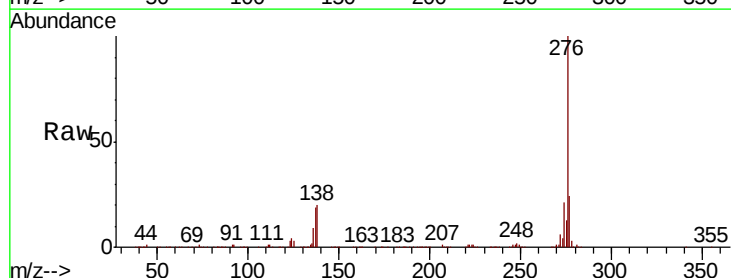
Tgt Ion:276 Resp: 1190097

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 20.4 15.2 22.8



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

