

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041203.D
 Acq On : 12 Jun 2019 13:07
 Operator : HP/JU
 Sample : PB120526BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120526BS

Quant Time: Jun 13 05:33:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	40956	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	164972	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	123522	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	308599	20.00	ng	0.00
76) Chrysene-d12	21.76	240	307567	20.00	ng	0.00
87) Perylene-d12	25.09	264	306522	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	347666	153.07	ng	0.00
7) Phenol-d6	7.25	99	521266	148.60	ng	0.00
23) Nitrobenzene-d5	9.29	82	349294	93.99	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	276604	150.84	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	823436	96.00	ng	0.00
79) Terphenyl-d14	20.07	244	1420251	98.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	34642	33.612	ng	95
3) Pyridine	3.90	79	99168	32.517	ng	97
4) n-Nitrosodimethylamine	3.83	42	59719	42.192	ng	94
6) Aniline	7.43	93	80413	17.175	ng	97
8) 2-Chlorophenol	7.67	128	124560	46.001	ng	97
9) Benzaldehyde	7.24	77	43359	20.721	ng	93
10) Phenol	7.28	94	171524	45.606	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	110008	40.319	ng	96
12) 1,3-Dichlorobenzene	7.99	146	130764	40.433	ng	97
13) 1,4-Dichlorobenzene	8.14	146	133484	40.776	ng	97
14) 1,2-Dichlorobenzene	8.46	146	130601	41.089	ng	97
15) Benzyl Alcohol	8.35	79	138824	42.783	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	167708	37.616	ng	97
17) 2-Methylphenol	8.54	107	119466	43.871	ng	96
18) Hexachloroethane	9.19	117	51554	40.861	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	106036	39.281	ng	97
20) 3+4-Methylphenols	8.87	107	161801	42.894	ng	98
22) Acetophenone	8.93	105	208630	45.082	ng	96
24) Nitrobenzene	9.33	77	172457	45.539	ng	96
25) Isophorone	9.84	82	307730	43.513	ng	99
26) 2-Nitrophenol	10.03	139	76096	48.742	ng	# 91
27) 2,4-Dimethylphenol	10.08	122	129510	50.228	ng	90
28) bis(2-Chloroethoxy)methane	10.32	93	162758	42.641	ng	98
29) 2,4-Dichlorophenol	10.57	162	151627	46.308	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	165150	44.338	ng	99
31) Naphthalene	10.98	128	405861	45.821	ng	98
32) Benzoic acid	10.23	122	71514	37.758	ng	89
33) 4-Chloroaniline	11.09	127	48374	11.770	ng	95
34) Hexachlorobutadiene	11.24	225	120581	42.308	ng	98
35) Caprolactam	11.88	113	46577	43.077	ng	87
36) 4-Chloro-3-methylphenol	12.20	107	168685	45.109	ng	95
37) 2-Methylnaphthalene	12.57	142	310819	45.562	ng	99
38) 1-Methylnaphthalene	12.79	142	293453	45.649	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	231713	46.542	ng	98

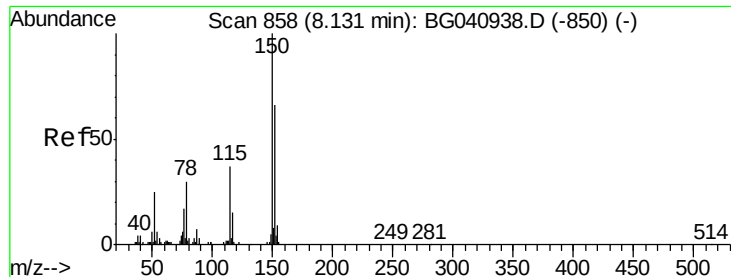
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041203.D
 Acq On : 12 Jun 2019 13:07
 Operator : HP/JU
 Sample : PB120526BS
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Quant Time: Jun 13 05:33:52 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	252892	93.003	ng	95
43) 2,4,6-Trichlorophenol	13.17	196	146770	45.571	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	158925	46.788	ng	97
46) 1,1'-Biphenyl	13.57	154	425176	46.501	ng	98
47) 2-Chloronaphthalene	13.62	162	353999	45.099	ng	99
48) 2-Nitroaniline	13.83	65	124926	44.364	ng	97
49) Acenaphthylene	14.46	152	544795	46.115	ng	100
50) Dimethylphthalate	14.19	163	449594	42.998	ng	99
51) 2,6-Dinitrotoluene	14.32	165	101642	45.085	ng	98
52) Acenaphthene	14.80	154	318259	44.470	ng	98
53) 3-Nitroaniline	14.65	138	54760	24.291	ng	99
54) 2,4-Dinitrophenol	14.86	184	78731	70.733	ng	94
55) Dibenzofuran	15.13	168	550756	45.735	ng	98
56) 4-Nitrophenol	14.95	139	142421	92.105	ng	90
57) 2,4-Dinitrotoluene	15.10	165	145158	45.582	ng	98
58) Fluorene	15.78	166	431715	45.016	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.36	232	159207	47.694	ng	99
60) Diethylphthalate	15.54	149	459319	43.044	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	276819	44.408	ng	94
62) 4-Nitroaniline	15.81	138	99059	41.506	ng	95
63) Azobenzene	16.06	77	425929	43.917	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	76077	46.362	ng	97
66) n-Nitrosodiphenylamine	15.98	169	396337	45.687	ng	98
67) 4-Bromophenyl-phenylether	16.66	248	180309	43.295	ng	95
68) Hexachlorobenzene	16.77	284	188850	42.585	ng	97
69) Atrazine	16.92	200	165884	49.557	ng	95
70) Pentachlorophenol	17.12	266	204516	85.764	ng	98
71) Phenanthrene	17.52	178	734136	45.671	ng	99
72) Anthracene	17.62	178	749665	47.286	ng	99
73) Carbazole	17.89	167	650983	47.855	ng	97
74) Di-n-butylphthalate	18.42	149	762733	45.113	ng	99
75) Fluoranthene	19.53	202	944251	47.558	ng	99
77) Benzidine	19.71	184	151261	20.616	ng	94
78) Pyrene	19.89	202	948170	47.423	ng	99
80) Butylbenzylphthalate	20.76	149	355597	45.702	ng	98
81) Benzo(a)anthracene	21.74	228	914132	44.649	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	170745	23.711	ng	97
83) Chrysene	21.81	228	888991	45.374	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	495878	45.273	ng	100
85) Di-n-octyl phthalate	22.84	149	845318	46.340	ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	883779	36.824	ng	95
88) Benzo(b)fluoranthene	24.02	252	919996	49.484	ng	99
89) Benzo(k)fluoranthene	24.09	252	901439	48.997	ng	99
90) Benzo(a)pyrene	24.93	252	867708	48.919	ng	98
91) Dibenzo(a,h)anthracene	28.97	278	718543	40.541	ng	99
92) Benzo(g,h,i)perylene	30.12	276	625013	36.298	ng	97

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

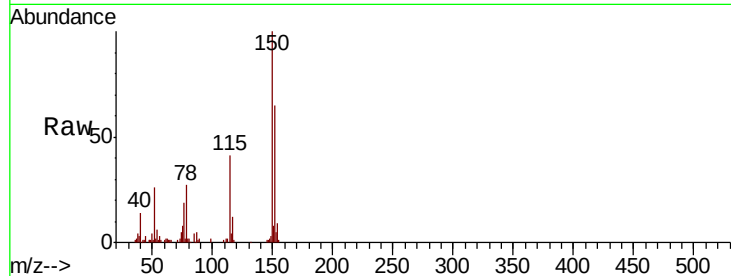


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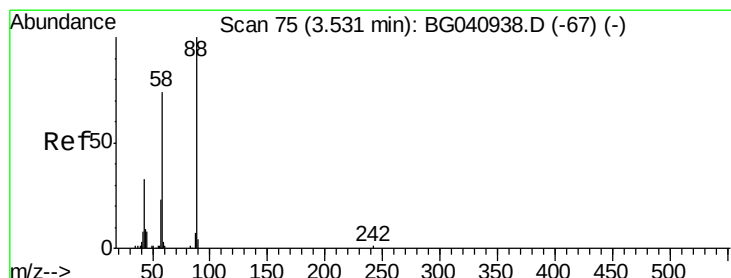
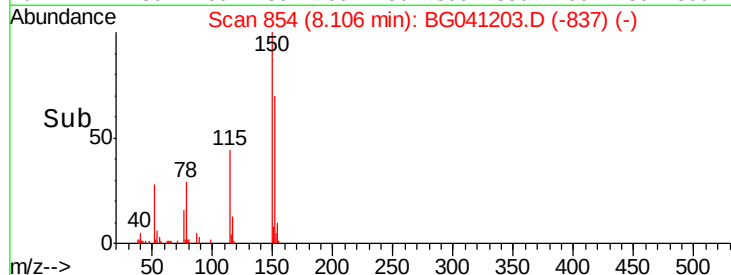
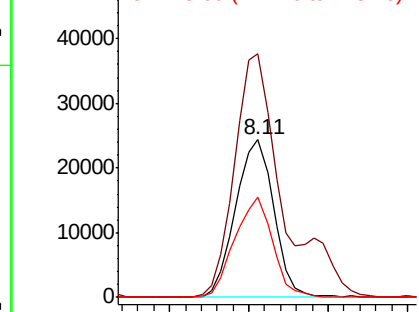
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB120526BS

Tgt Ion:152 Resp: 40956
Ion Ratio Lower Upper
152 100
150 154.3 120.6 180.8
115 63.5 45.1 67.7



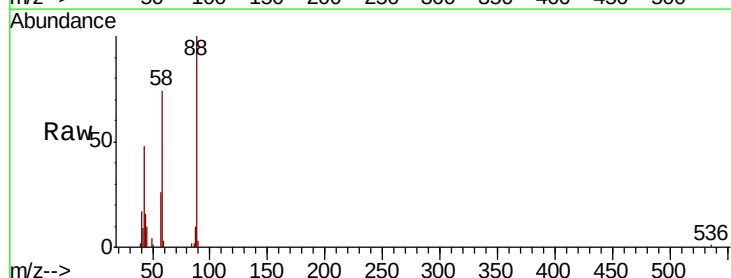
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



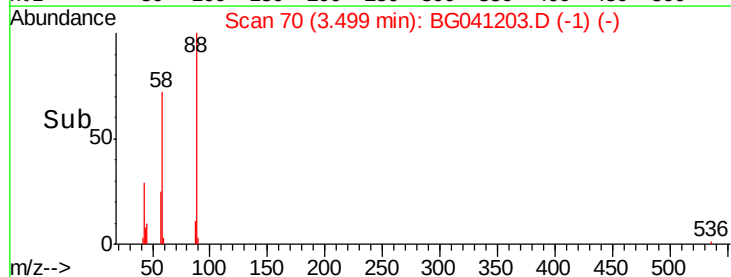
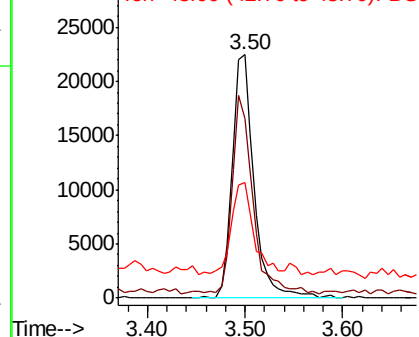
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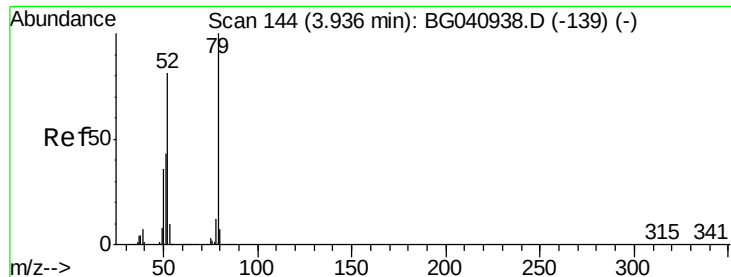
1,4-Dioxane
Concen: 33.612 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion: 88 Resp: 34642
Ion Ratio Lower Upper
88 100
58 77.0 59.0 88.6
43 38.1 27.2 40.8



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





#3

Pyridine

Concen: 32.517 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

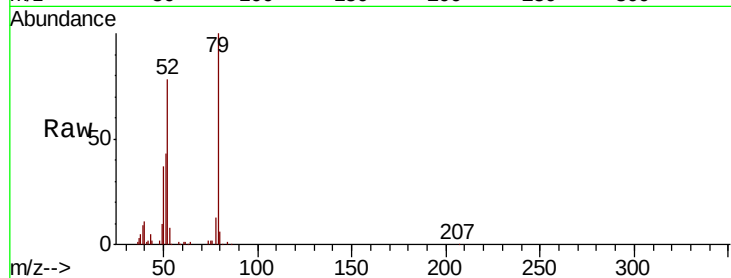
Tgt Ion: 79 Resp: 99168

Ion Ratio Lower Upper

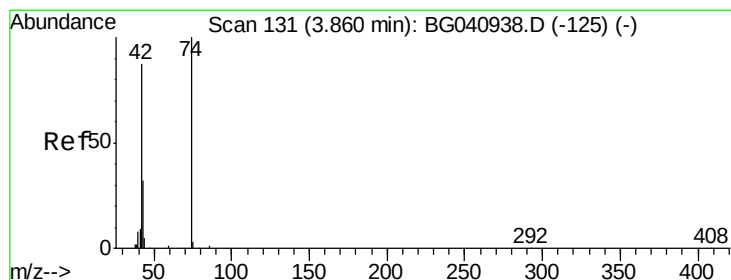
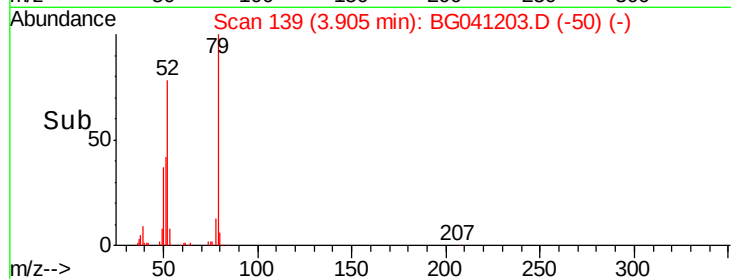
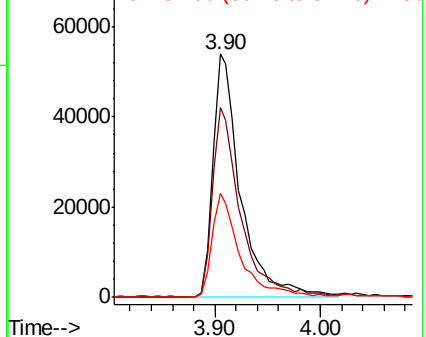
79 100

52 77.8 64.8 97.2

51 43.0 35.3 52.9



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: 42.192 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

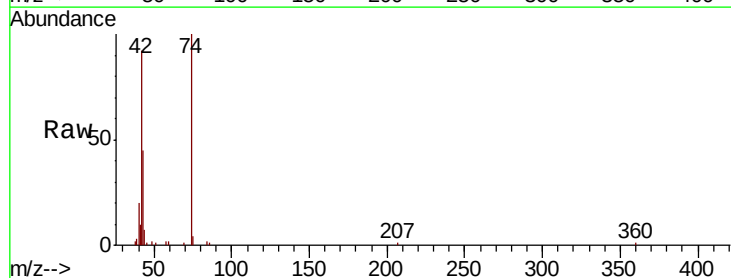
Tgt Ion: 42 Resp: 59719

Ion Ratio Lower Upper

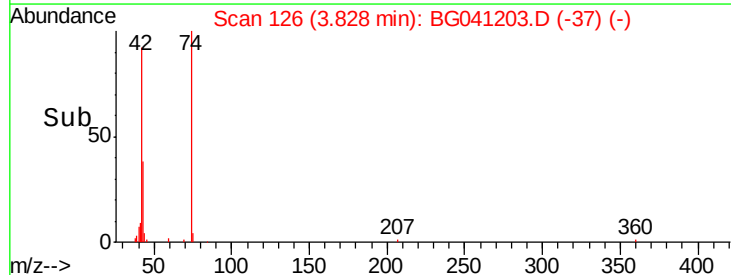
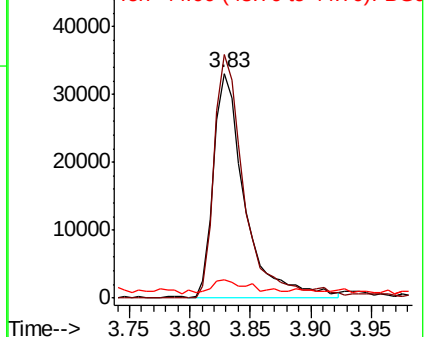
42 100

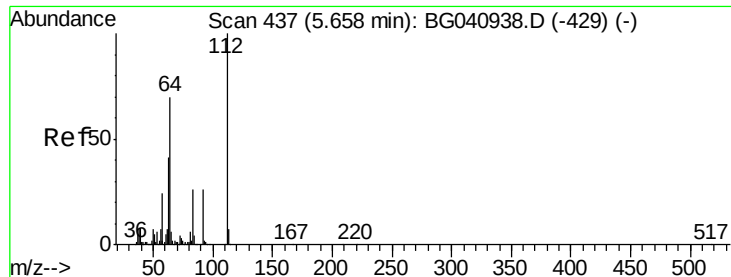
74 108.4 91.8 137.6

44 7.9 6.0 9.0



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: 153.070 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

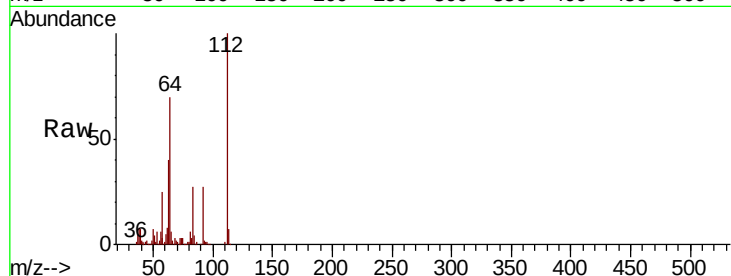
Tgt Ion: 112 Resp: 347666

Ion Ratio Lower Upper

112 100

64 69.8 56.2 84.2

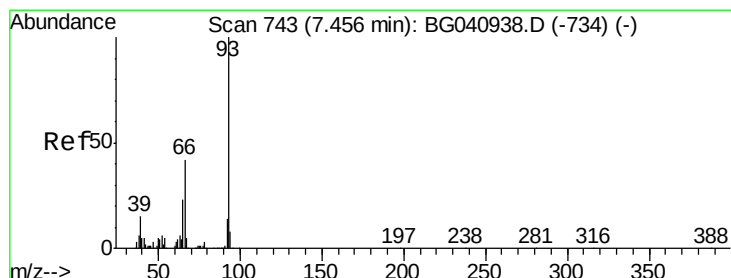
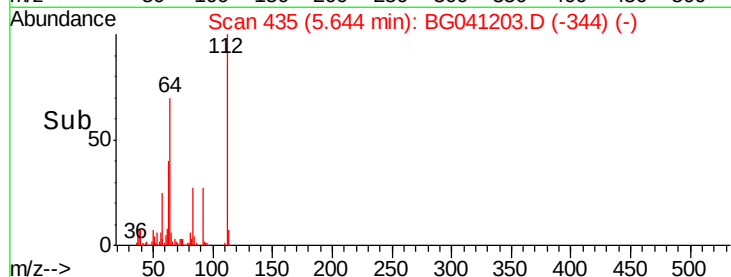
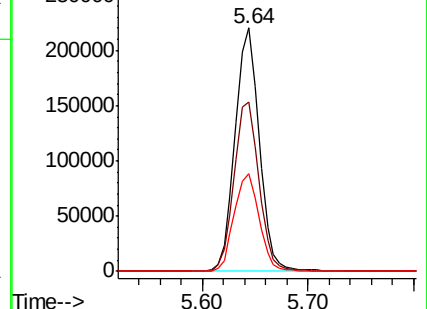
63 40.1 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.175 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

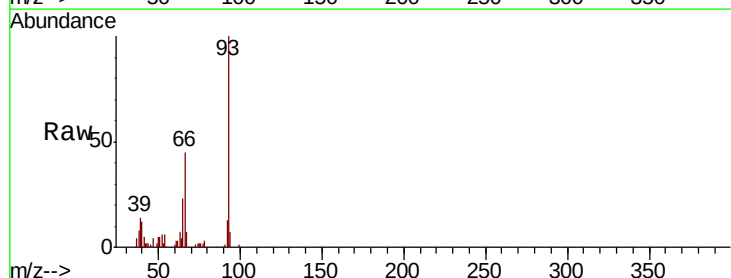
Tgt Ion: 93 Resp: 80413

Ion Ratio Lower Upper

93 100

66 44.6 33.8 50.8

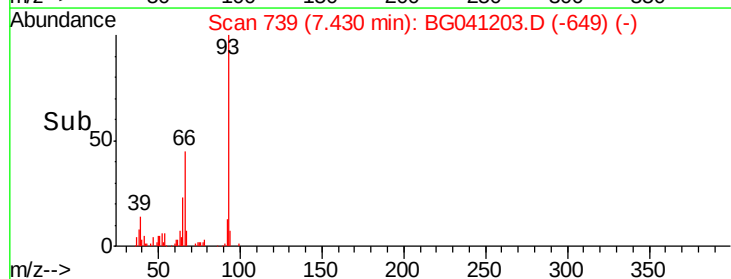
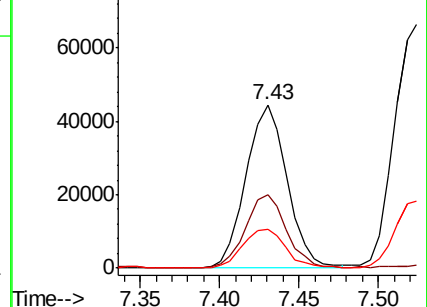
65 23.4 18.3 27.5

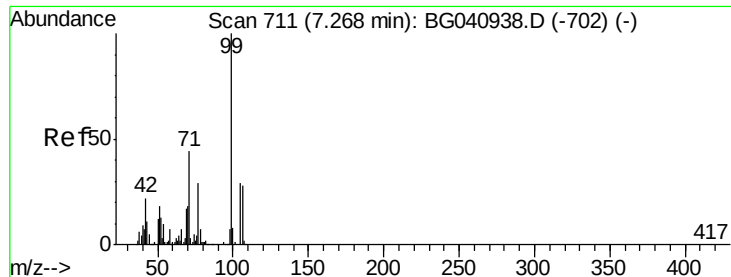


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.604 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

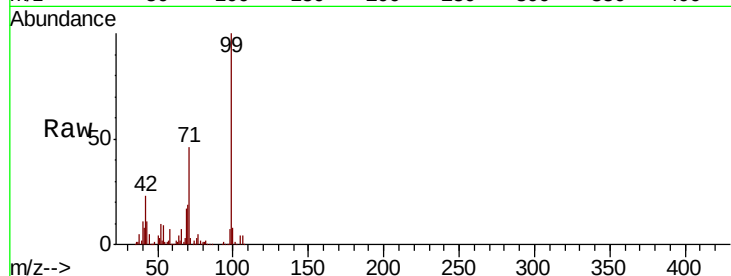
Tgt Ion: 99 Resp: 521266

Ion Ratio Lower Upper

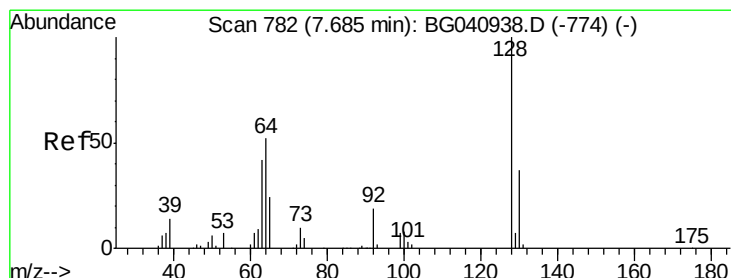
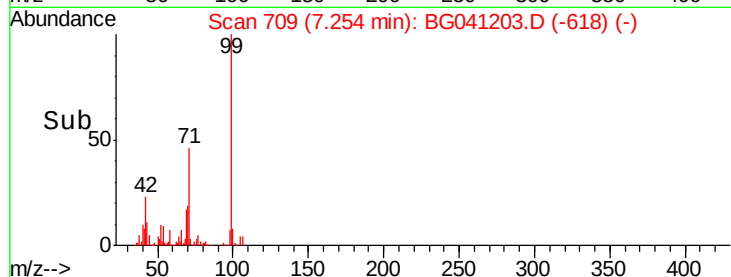
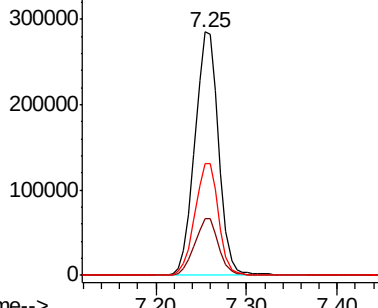
99 100

42 23.1 17.9 26.9

71 46.0 35.4 53.0



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: 46.001 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

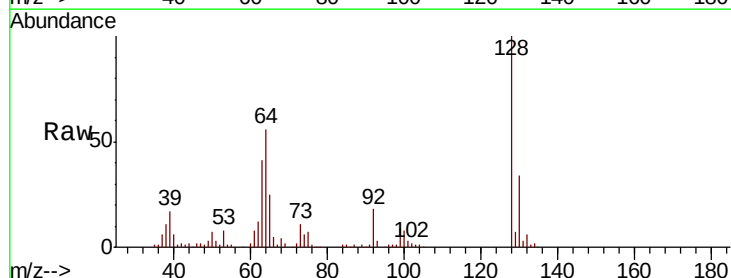
Tgt Ion: 128 Resp: 124560

Ion Ratio Lower Upper

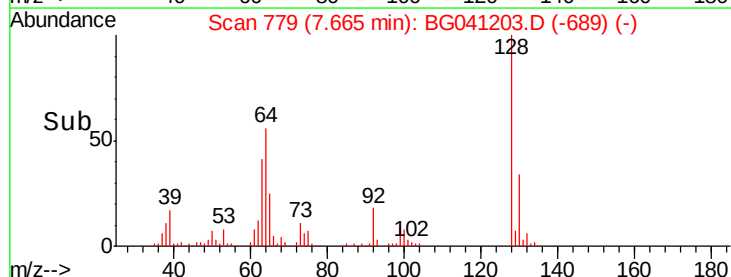
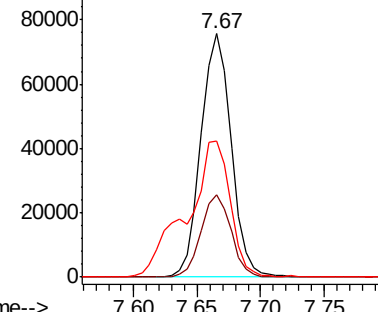
128 100

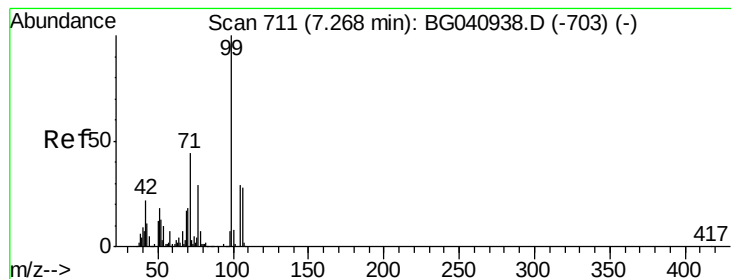
130 33.6 16.6 56.6

64 56.1 37.8 77.8



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





#9

Benzaldehyde

Concen: 20.721 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

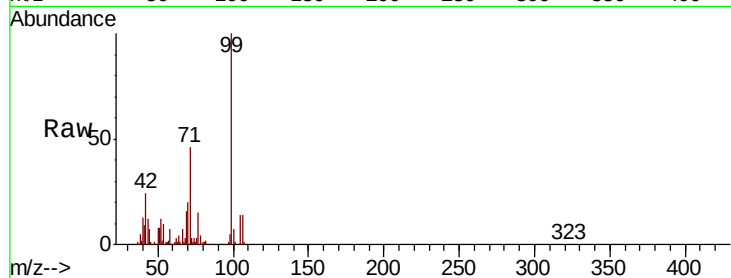
Tgt Ion: 77 Resp: 43359

Ion Ratio Lower Upper

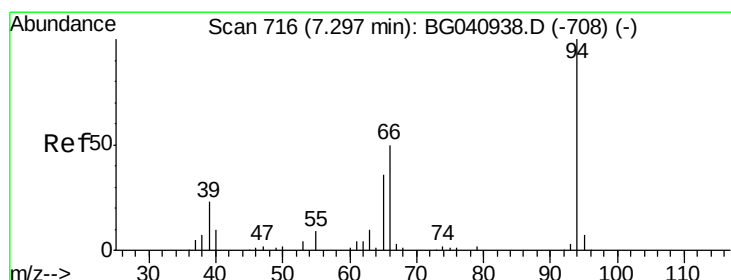
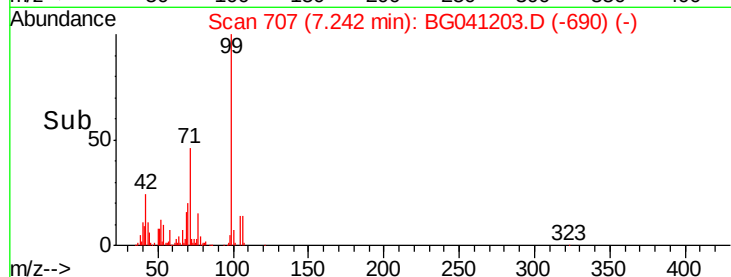
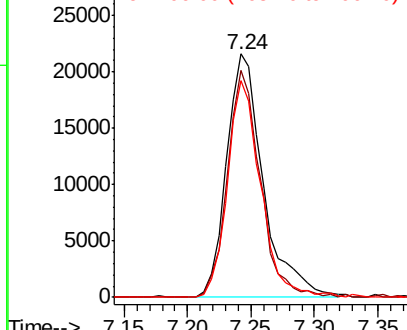
77 100

105 93.3 78.9 118.9

106 89.1 76.7 116.7



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: 45.606 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

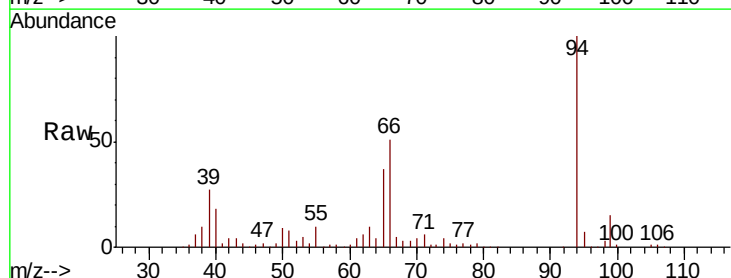
Tgt Ion: 94 Resp: 171524

Ion Ratio Lower Upper

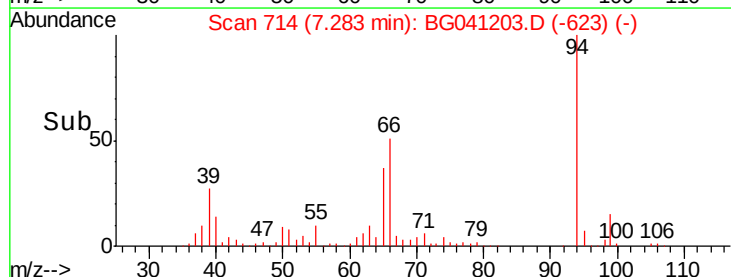
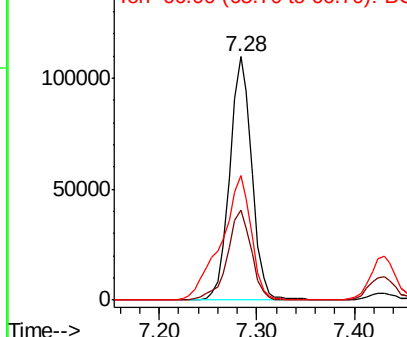
94 100

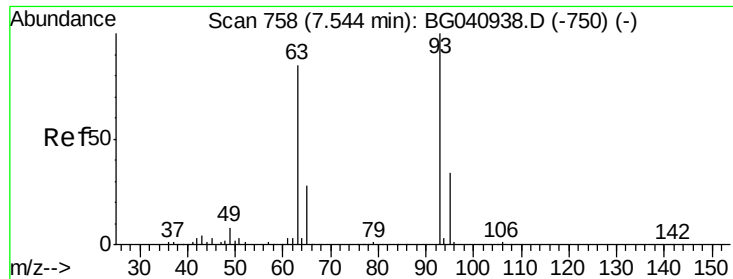
65 37.2 17.0 57.0

66 51.4 32.4 72.4



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

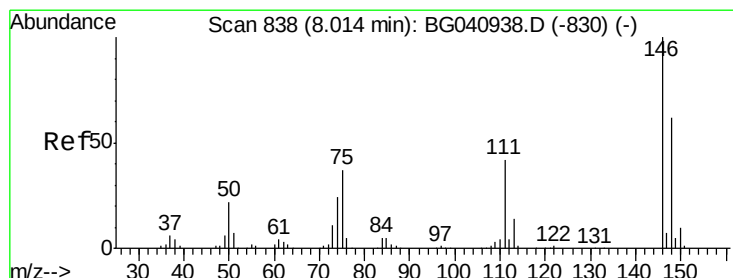
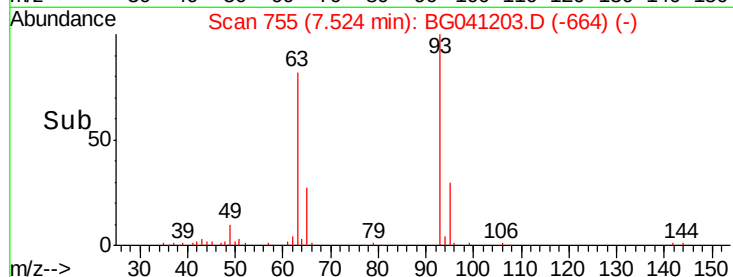
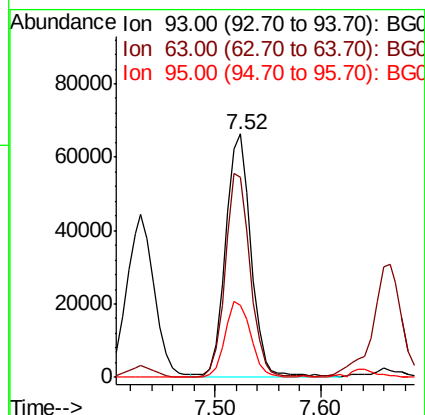
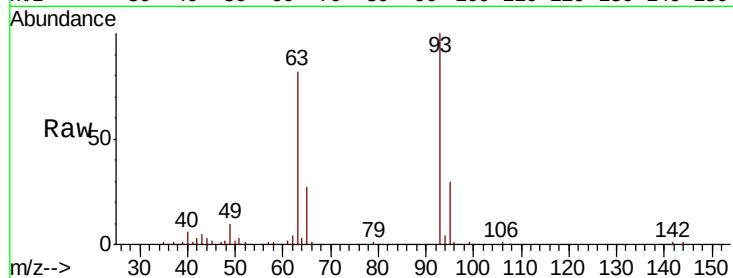




#11
bis(2-Chloroethyl)ether
Concen: 40.319 ng
RT: 7.52 min Scan# 755
Delta R.T. 0.01 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

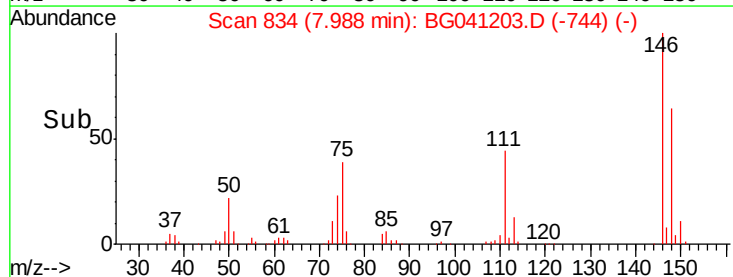
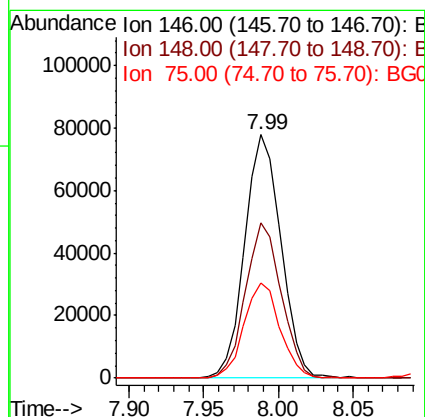
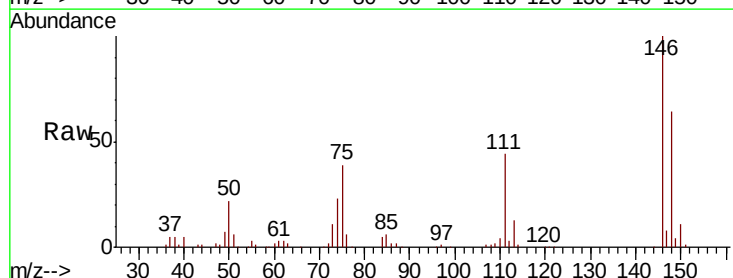
Instrument :
BNA_G
ClientSampleId :
PB120526BS

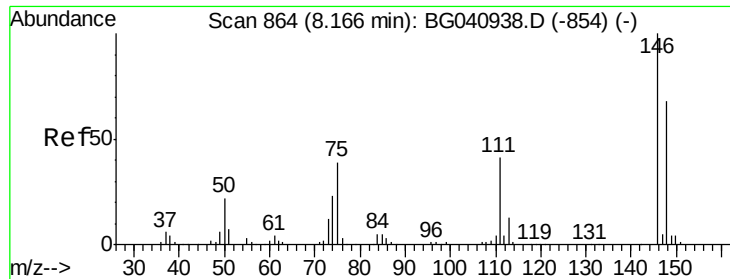
Tgt Ion: 93 Resp: 110008
Ion Ratio Lower Upper
93 100
63 82.1 64.5 104.5
95 29.6 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.433 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion: 146 Resp: 130764
Ion Ratio Lower Upper
146 100
148 63.9 49.2 73.8
75 38.9 29.4 44.0

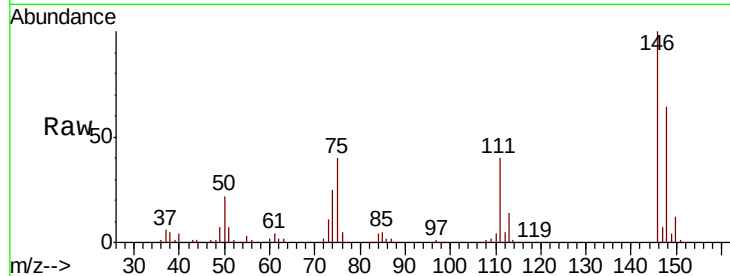




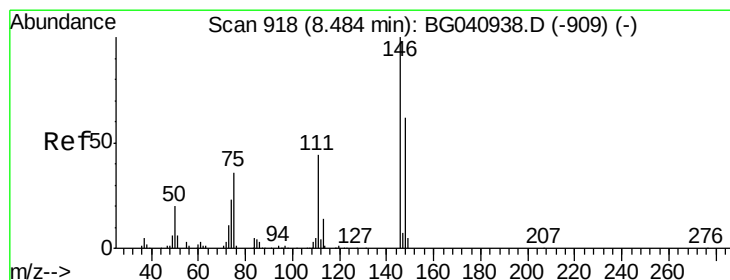
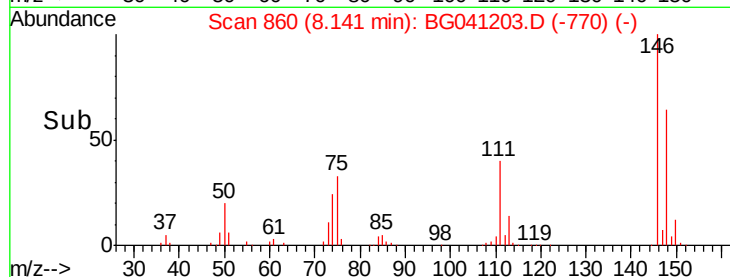
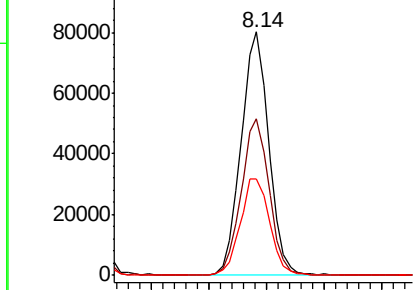
#13
 1,4-Dichlorobenzene
 Concen: 40.776 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB120526BS

Tgt Ion:146 Resp: 133484
 Ion Ratio Lower Upper
 146 100
 148 64.3 54.2 81.4
 111 39.8 32.9 49.3

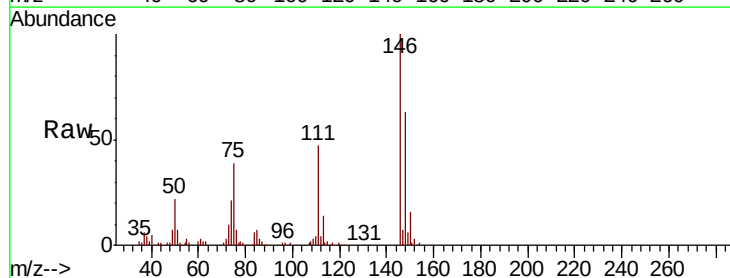


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

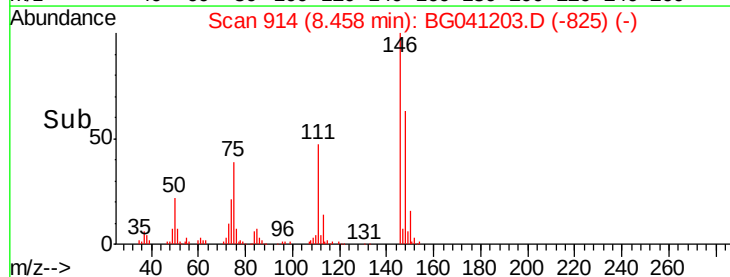
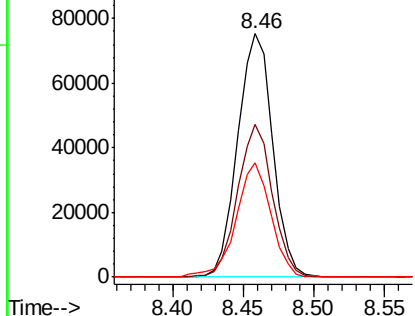


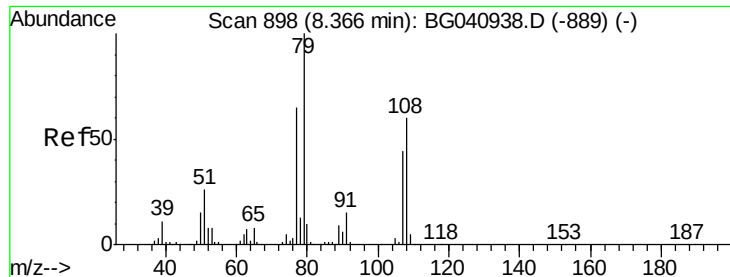
#14
 1,2-Dichlorobenzene
 Concen: 41.089 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Tgt Ion:146 Resp: 130601
 Ion Ratio Lower Upper
 146 100
 148 62.8 49.8 74.6
 111 47.2 35.0 52.4



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: 42.783 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

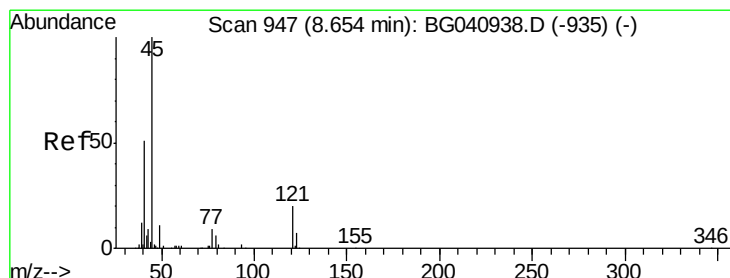
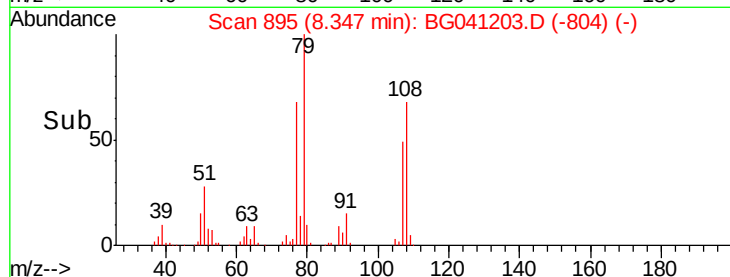
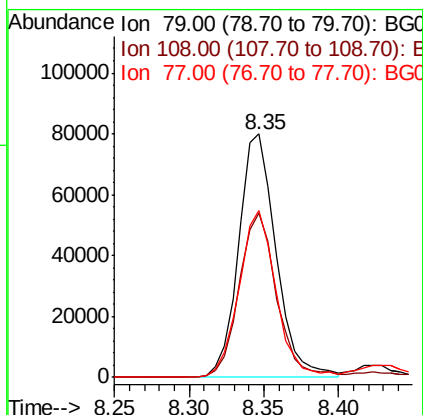
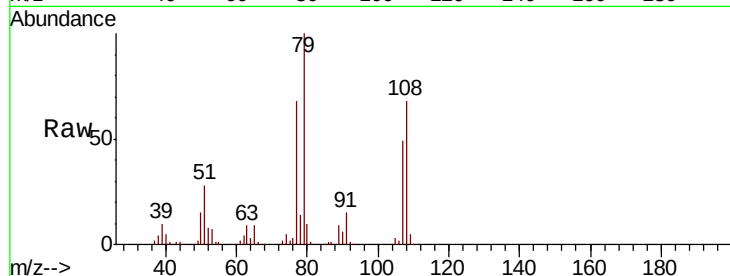
Tgt Ion: 79 Resp: 138824

Ion Ratio Lower Upper

79 100

108 67.6 48.3 72.5

77 68.3 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.616 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

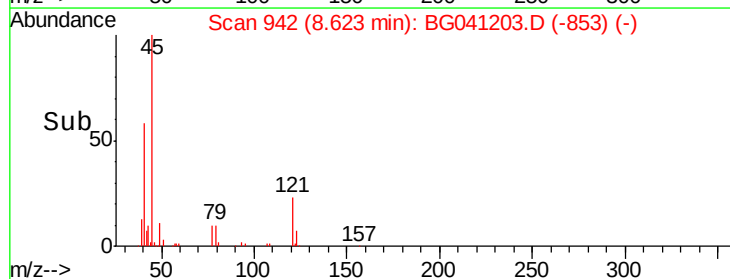
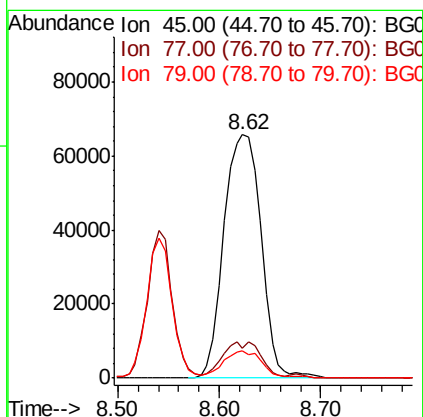
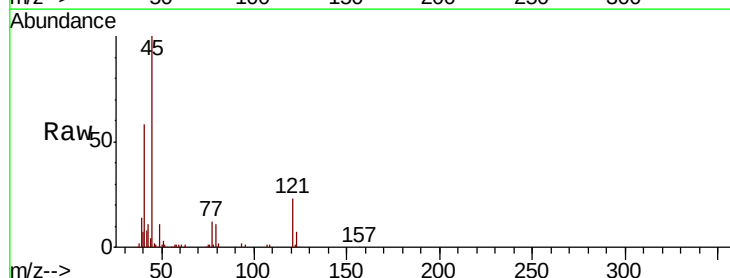
Tgt Ion: 45 Resp: 167708

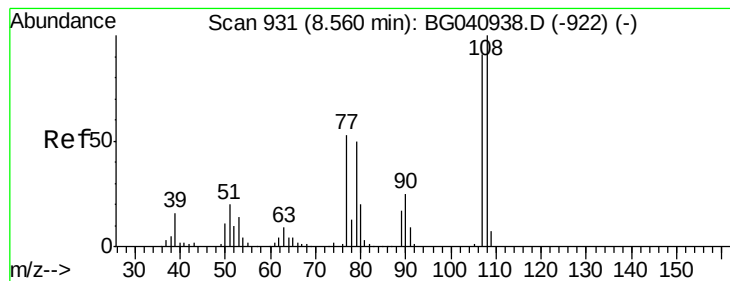
Ion Ratio Lower Upper

45 100

77 12.1 0.0 33.7

79 11.0 0.0 30.2





#17

2-Methylphenol

Concen: 43.871 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

Tgt Ion:107 Resp: 119466

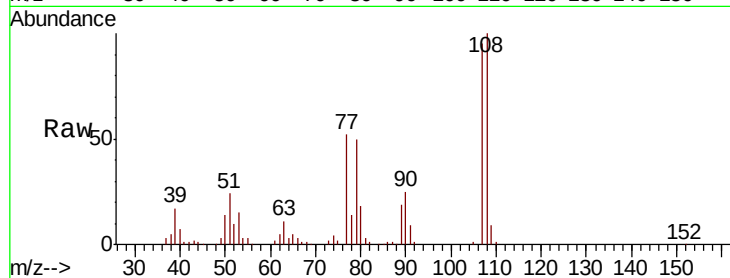
Ion Ratio Lower Upper

107 100

108 105.0 87.7 131.5

77 55.1 46.6 70.0

79 52.1 44.6 66.8



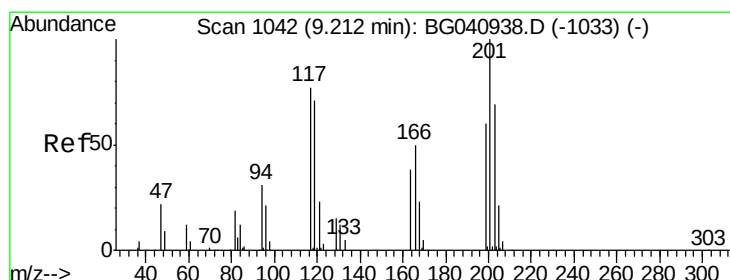
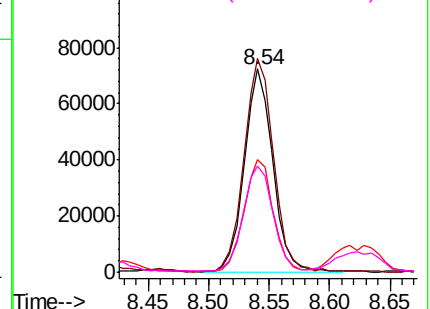
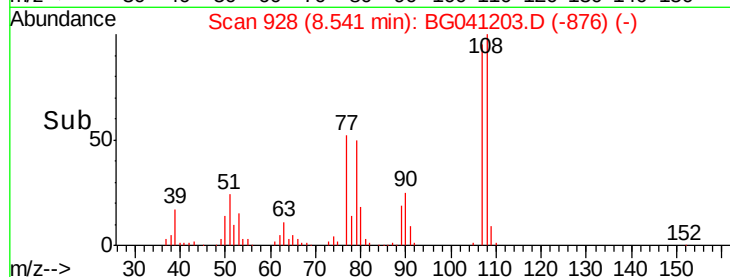
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 40.861 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

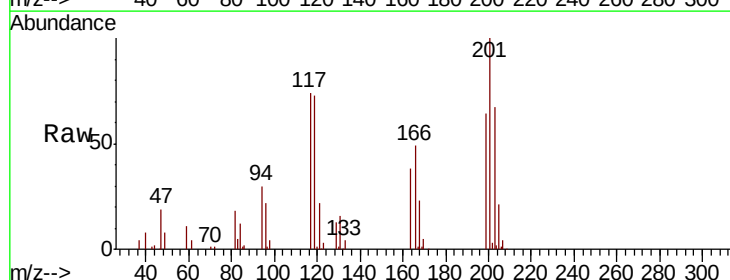
Tgt Ion:117 Resp: 51554

Ion Ratio Lower Upper

117 100

119 98.5 75.0 112.6

201 140.2 103.5 155.3

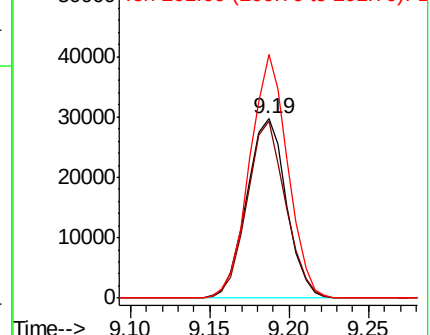
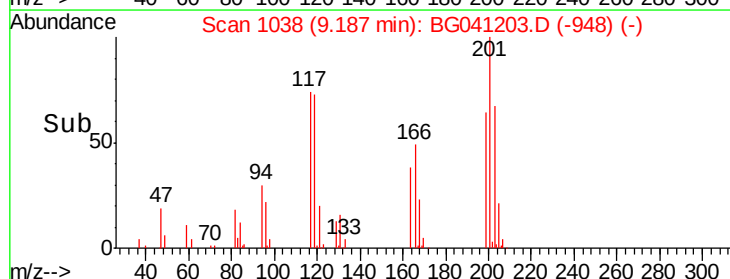


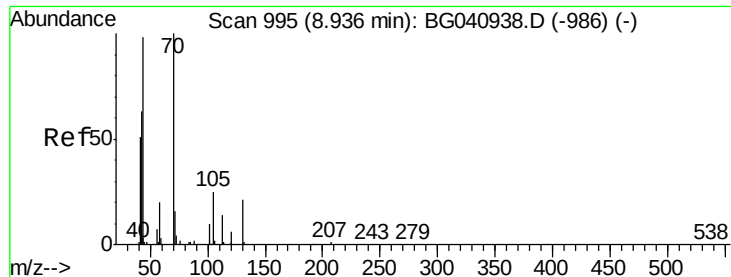
Abundance

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

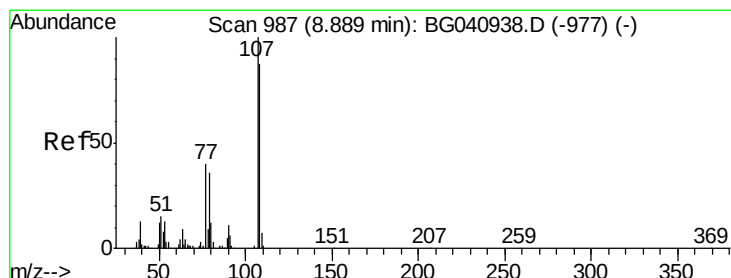
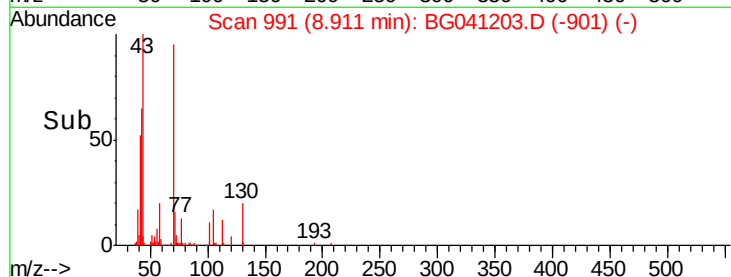
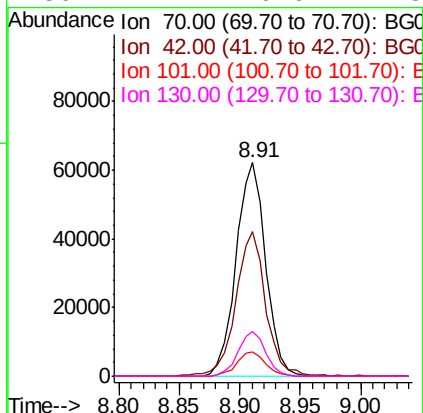
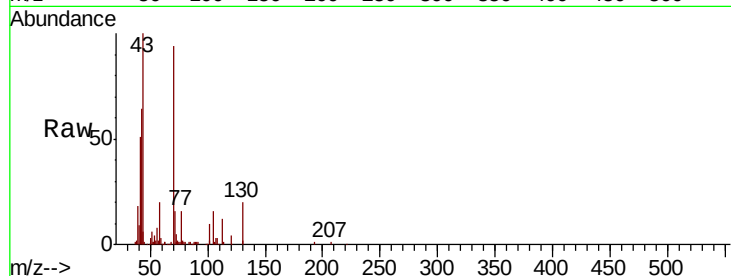




#19
n-Nitroso-di-n-propylamine
Concen: 39.281 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

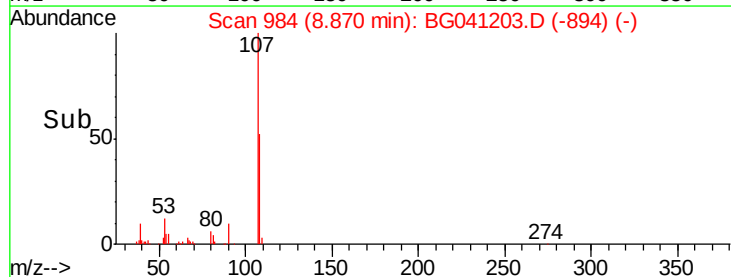
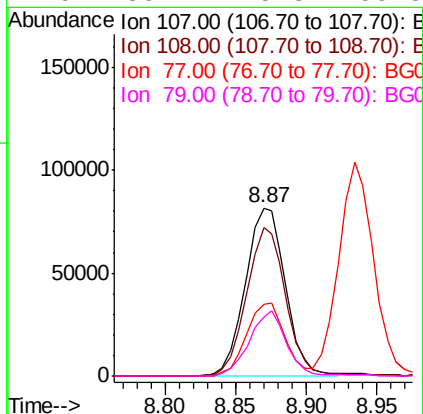
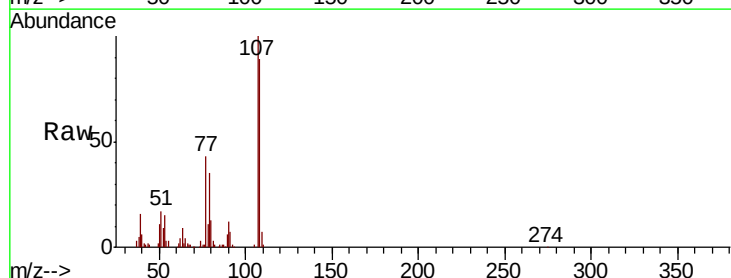
Instrument :
BNA_G
ClientSampleId :
PB120526BS

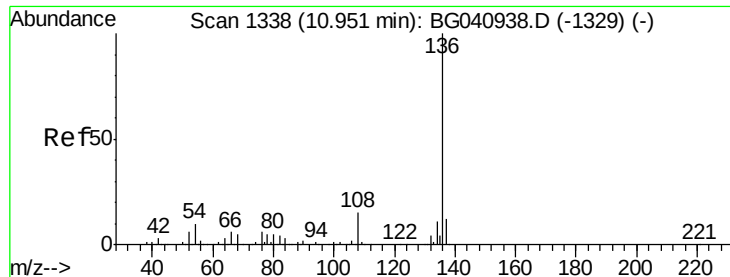
Tgt Ion:	70	Resp:	106036
Ion	Ratio	Lower	Upper
70	100		
42	67.8	51.5	77.3
101	11.1	8.1	12.1
130	21.1	16.6	24.8



#20
3+4-Methylphenols
Concen: 42.894 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion:	107	Resp:	161801
Ion	Ratio	Lower	Upper
107	100		
108	88.7	66.8	106.8
77	42.7	20.5	60.5
79	35.2	15.8	55.8

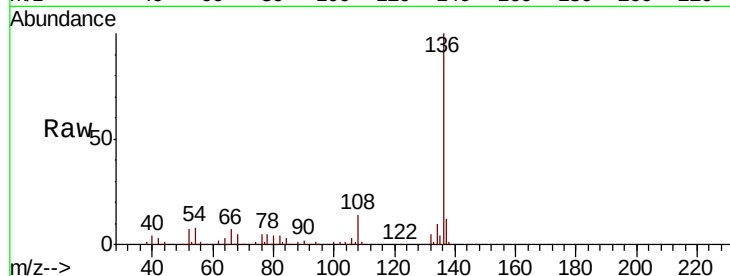




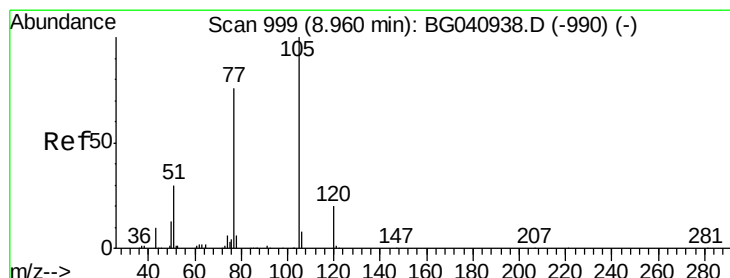
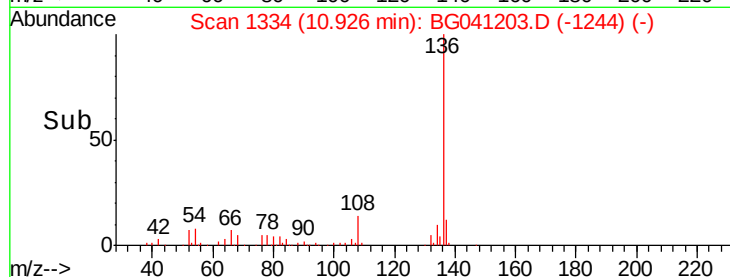
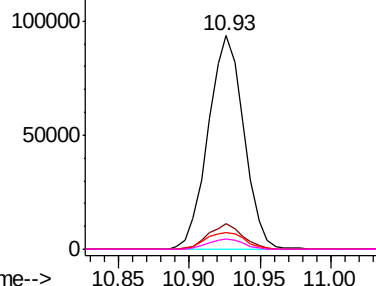
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB120526BS

Tgt Ion:	136	Resp:	164972
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	8.1	7.6	11.4
68	4.8	3.9	5.9

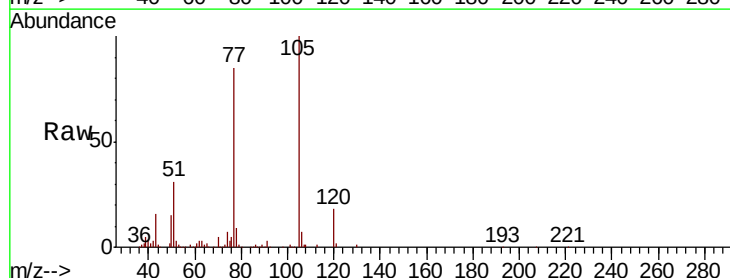


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

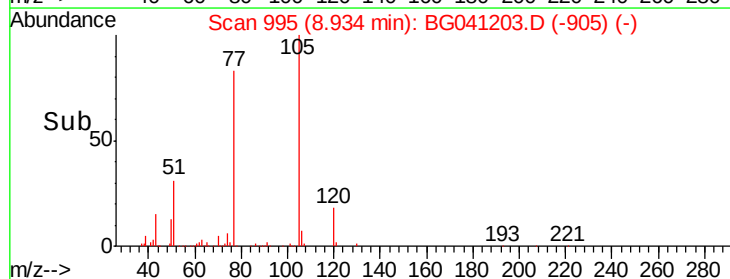
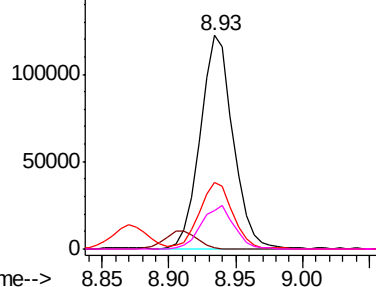


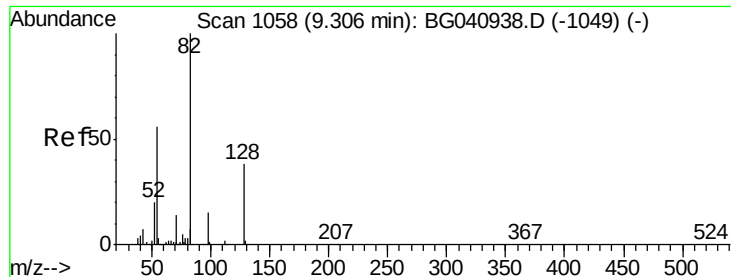
#22
Acetophenone
Concen: 45.082 ng
RT: 8.93 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion:	105	Resp:	208630
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.4	0.6
51	31.3	27.0	40.6
120	18.3	16.2	24.4



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

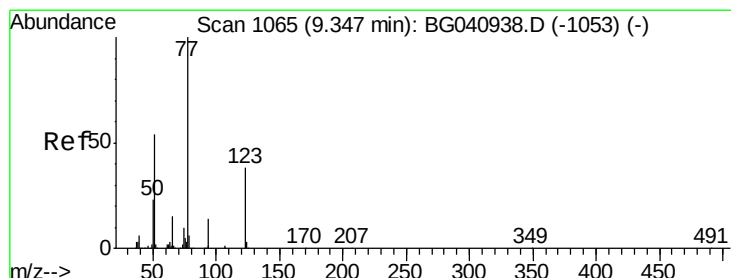
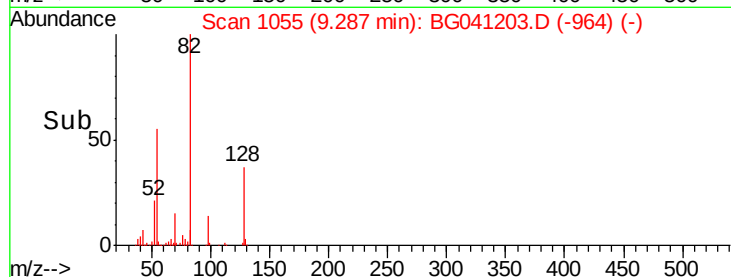
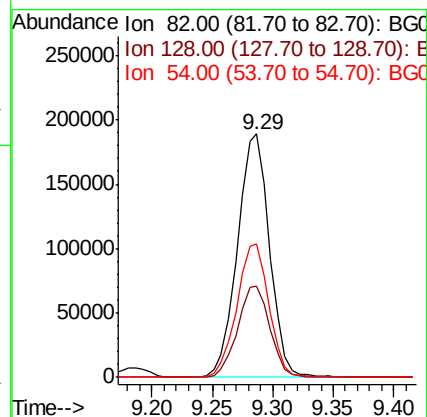
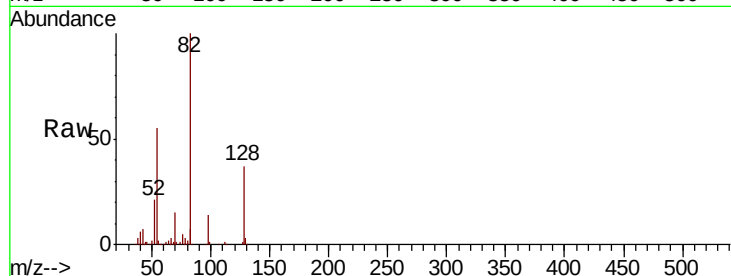




#23
 Nitrobenzene-d5
 Concen: 93.994 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

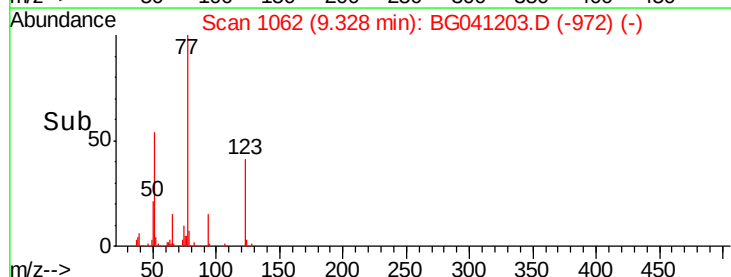
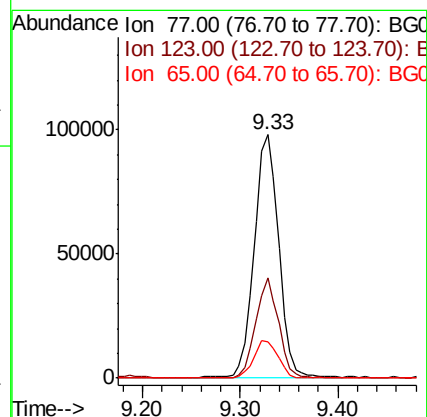
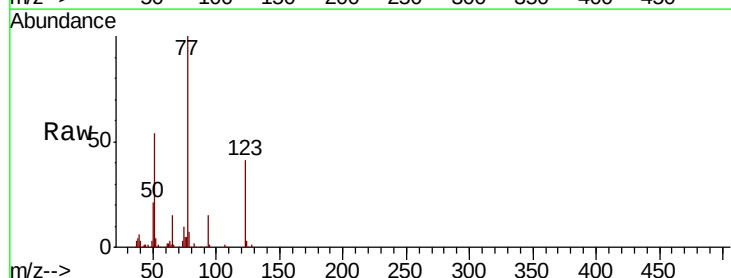
Instrument :
 BNA_G
 ClientSampleId :
 PB120526BS

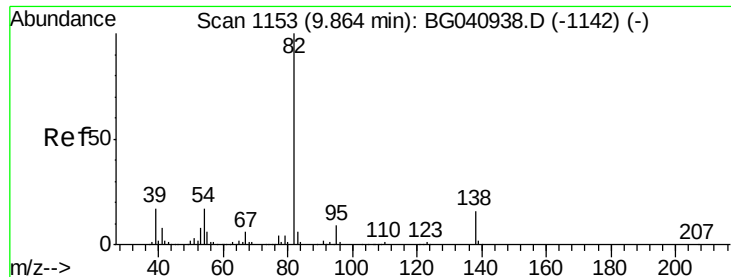
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.5	45.7
54	54.9	44.6	66.8



#24
 Nitrobenzene
 Concen: 45.539 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	30.6	46.0
65	15.1	12.3	18.5





#25

Isophorone

Concen: 43.513 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

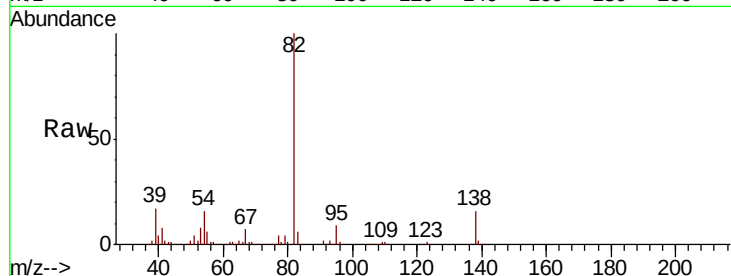
Tgt Ion: 82 Resp: 307730

Ion Ratio Lower Upper

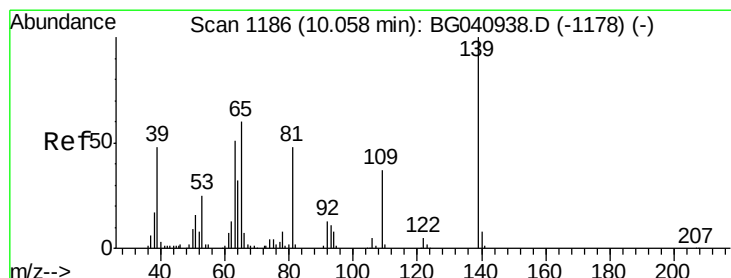
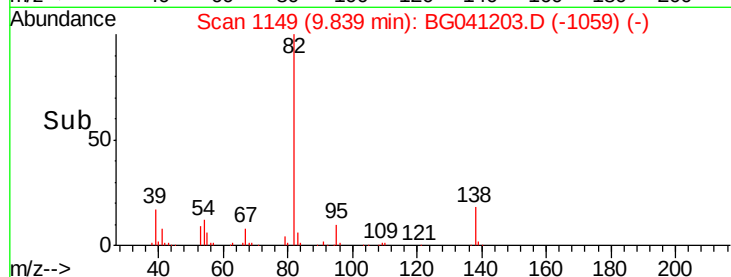
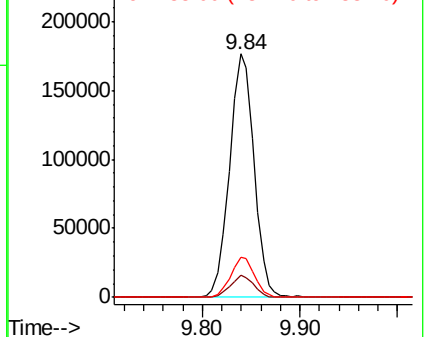
82 100

95 9.1 7.0 10.4

138 16.4 12.6 19.0



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: 48.742 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

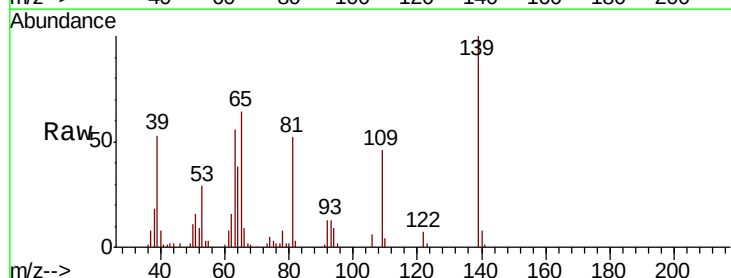
Tgt Ion: 139 Resp: 76096

Ion Ratio Lower Upper

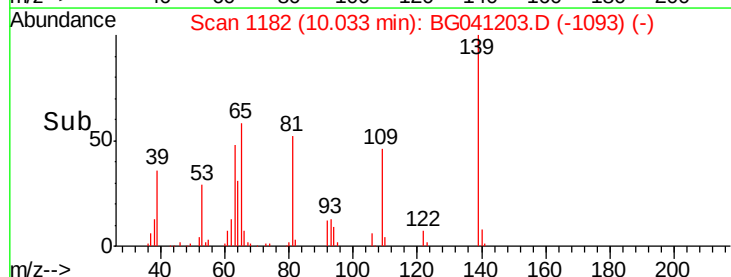
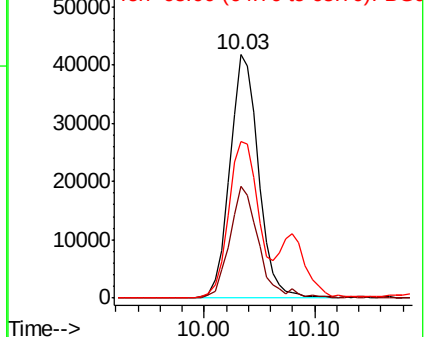
139 100

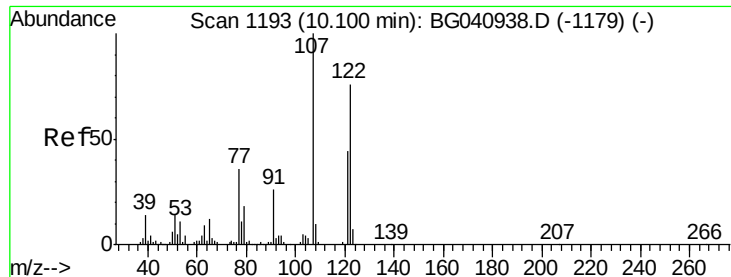
109 45.7 29.8 44.6#

65 64.4 47.8 71.6



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

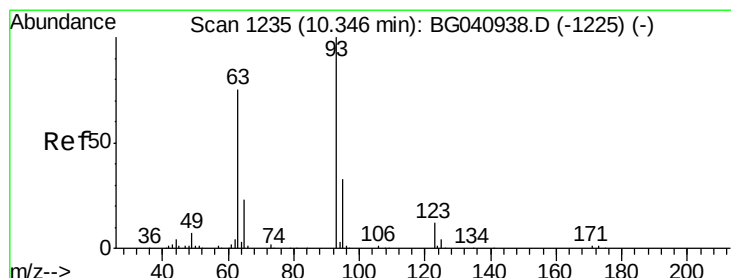
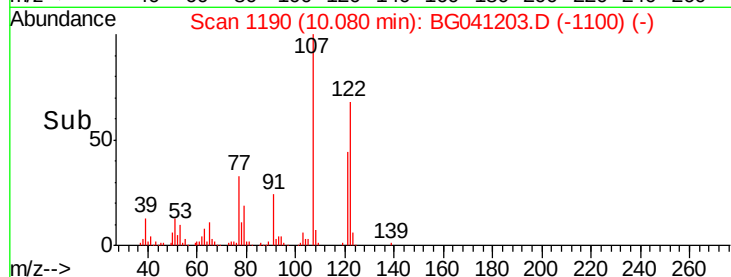
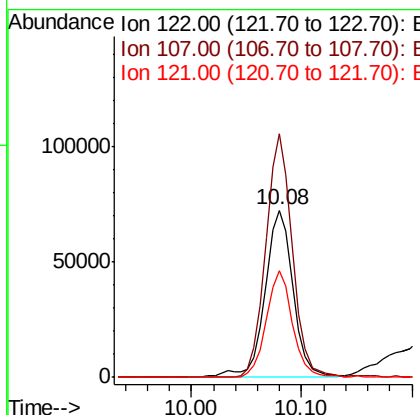
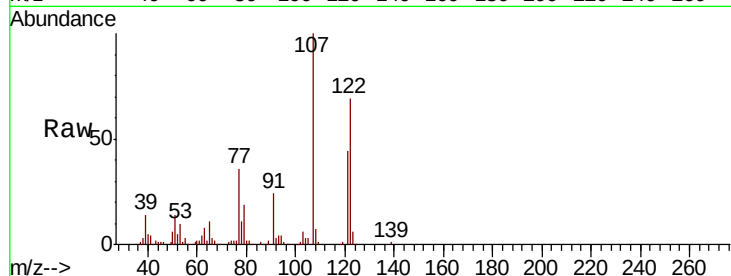




#27
 2,4-Dimethylphenol
 Concen: 50.228 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

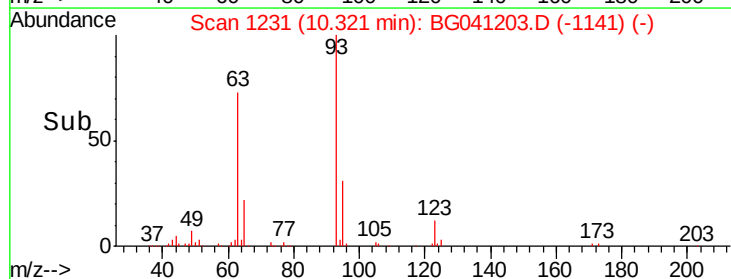
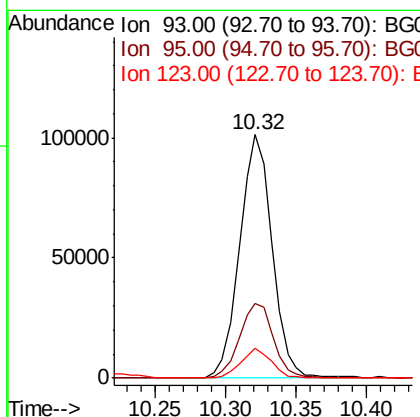
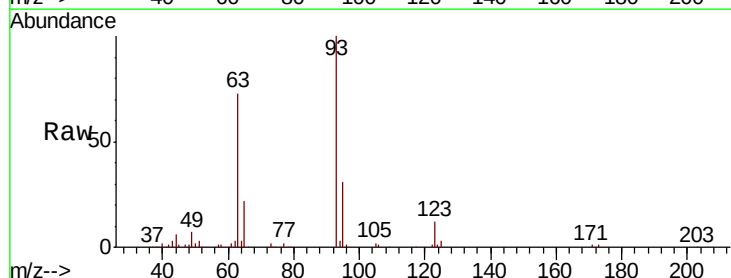
Instrument :
 BNA_G
 ClientSampleId :
 PB120526BS

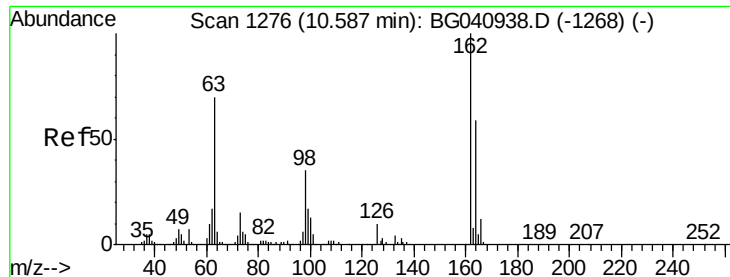
Tgt Ion	Ratio	Lower	Upper
122	100		
107	145.7	105.9	158.9
121	63.5	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.641 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.2	39.2
123	12.1	9.5	14.3

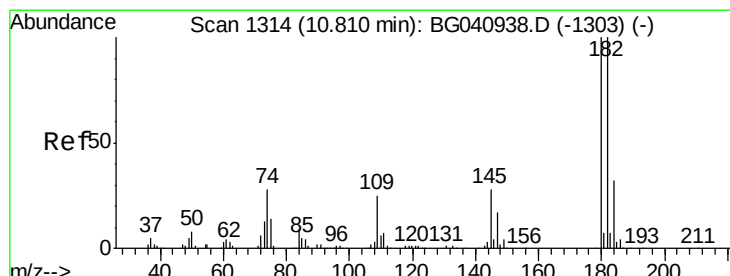
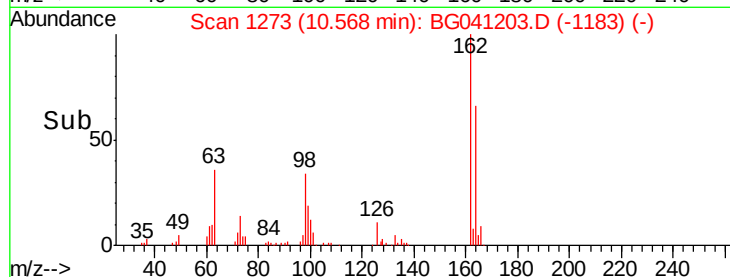
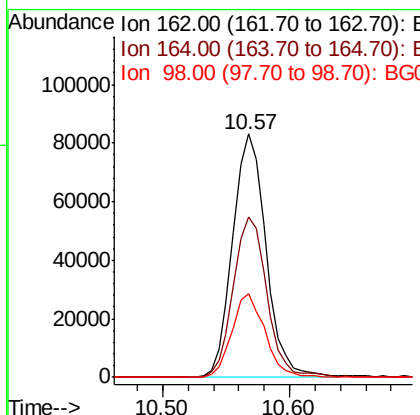
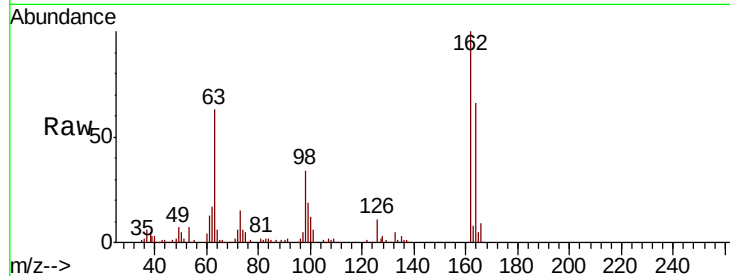




#29
 2,4-Dichlorophenol
 Concen: 46.308 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

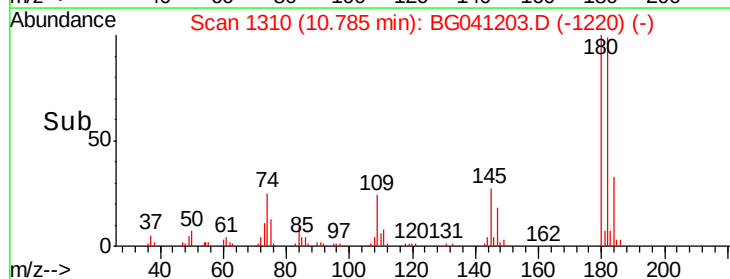
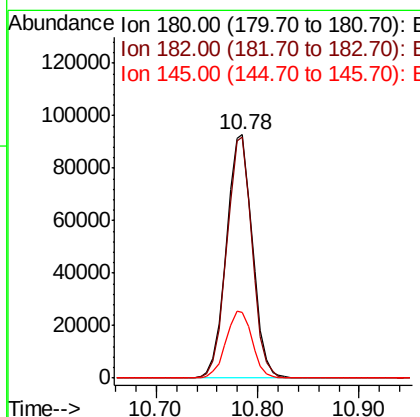
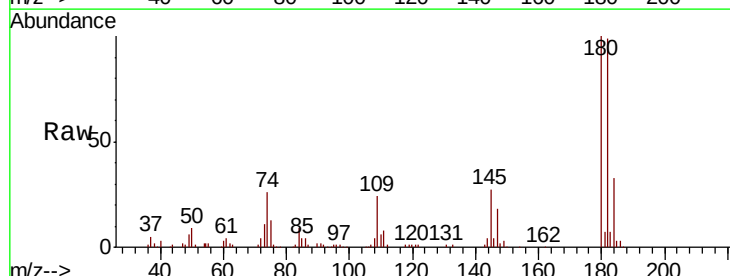
Instrument :
 BNA_G
 ClientSampled :
 PB120526BS

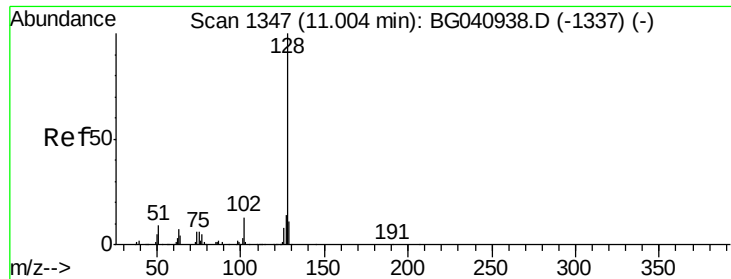
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	39.4	79.4
98	34.4	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.338 ng
 RT: 10.78 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	79.7	119.5
145	27.0	22.6	34.0

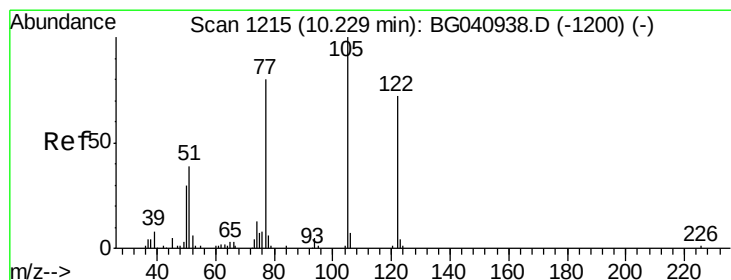
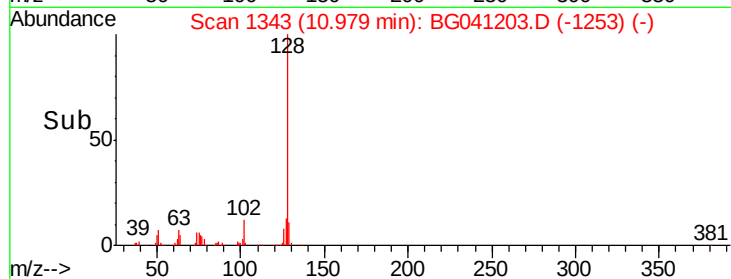
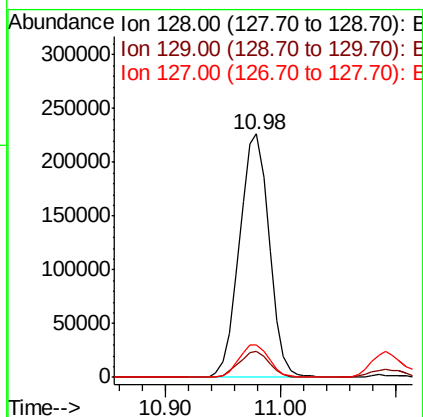
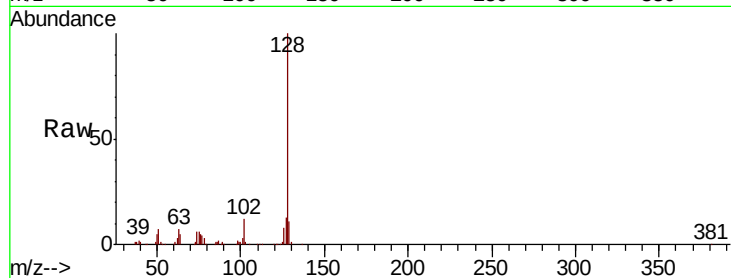




#31
Naphthalene
Concen: 45.821 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

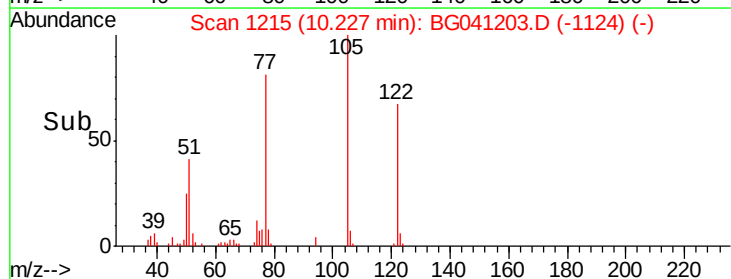
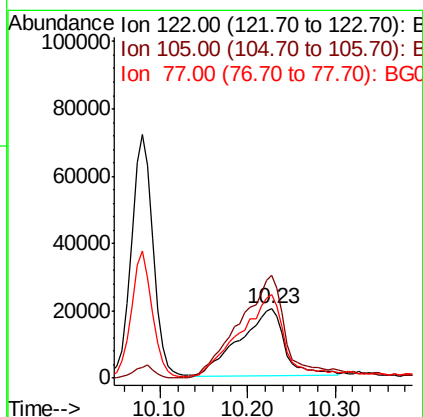
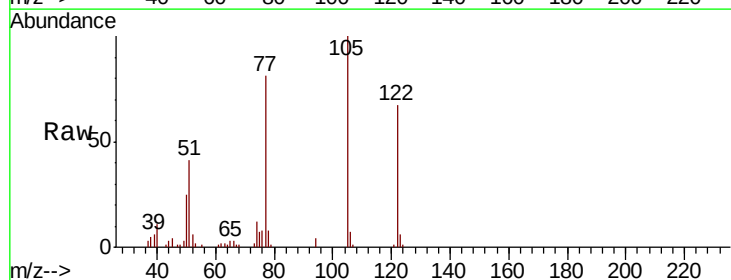
Instrument :
BNA_G
ClientSampleId :
PB120526BS

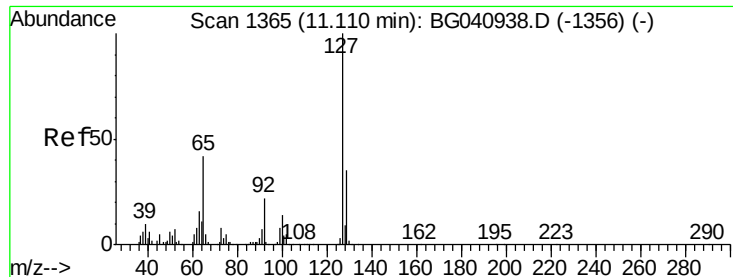
Tgt Ion:128 Resp: 405861
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.4 11.4 17.2



#32
Benzoic acid
Concen: 37.758 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion:122 Resp: 71514
Ion Ratio Lower Upper
122 100
105 148.4 114.8 154.8
77 120.5 89.9 129.9

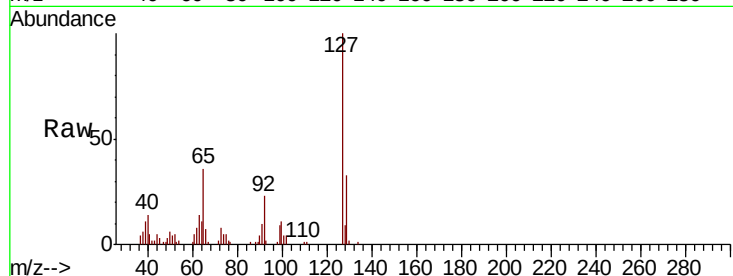




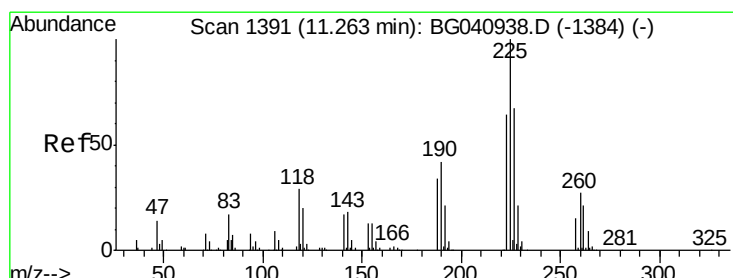
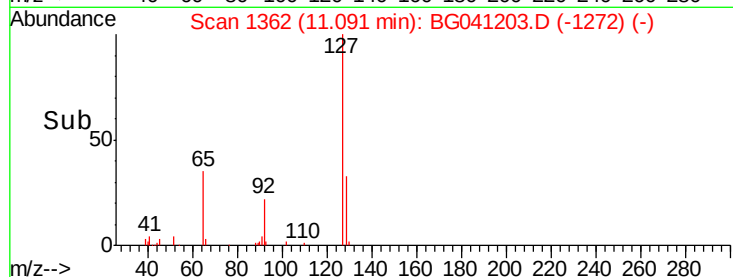
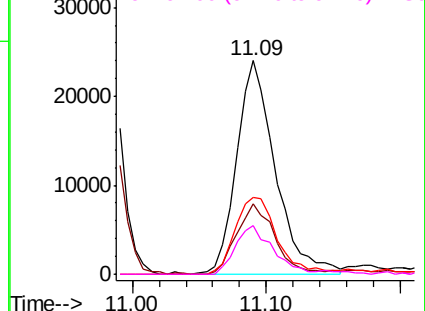
#33
4-Chloroaniline
Concen: 11.770 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB120526BS

Tgt Ion:	127	Resp:	48374
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.7	41.5
65	36.3	33.2	49.8
92	23.1	17.2	25.8

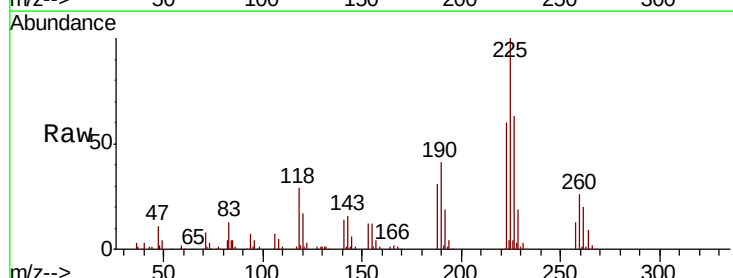


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

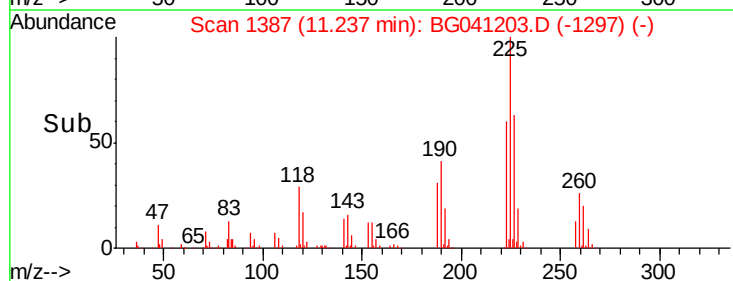
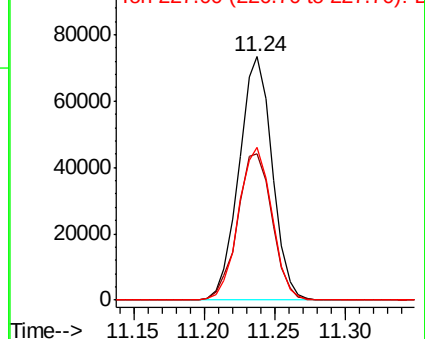


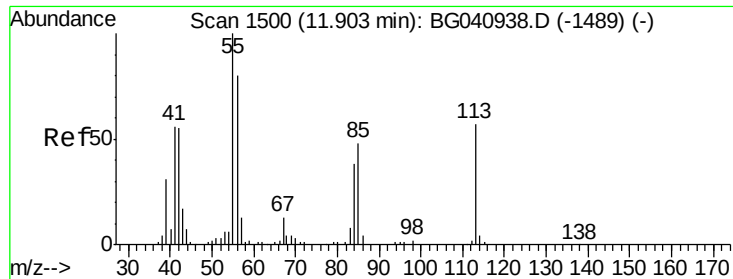
#34
Hexachlorobutadiene
Concen: 42.308 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion:	225	Resp:	120581
Ion	Ratio	Lower	Upper
225	100		
223	60.0	48.8	73.2
227	62.7	51.4	77.0



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: 43.077 ng

RT: 11.88 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

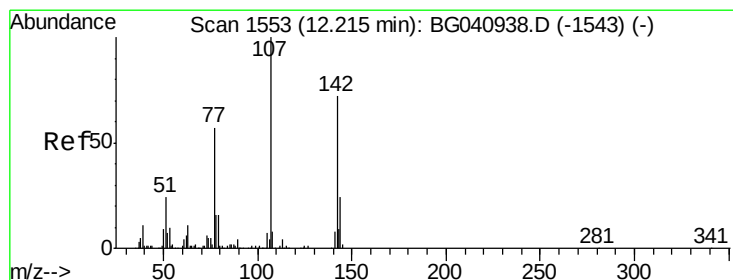
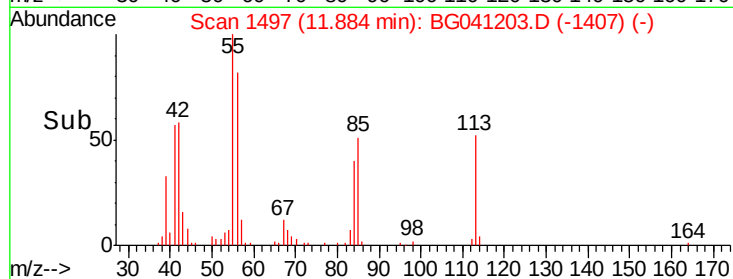
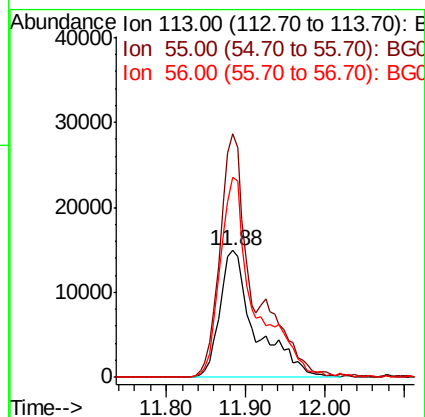
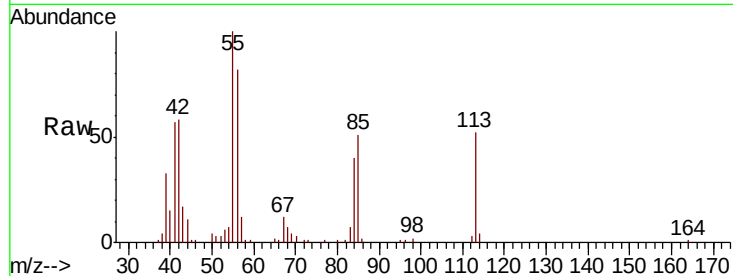
Tgt Ion:113 Resp: 46577

Ion Ratio Lower Upper

113 100

55 192.3 155.9 195.9

56 157.6 119.9 159.9



#36

4-Chloro-3-methylphenol

Concen: 45.109 ng

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

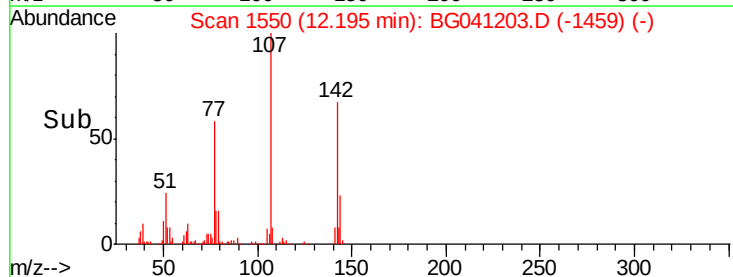
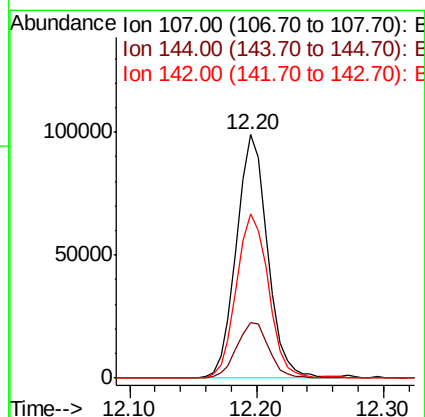
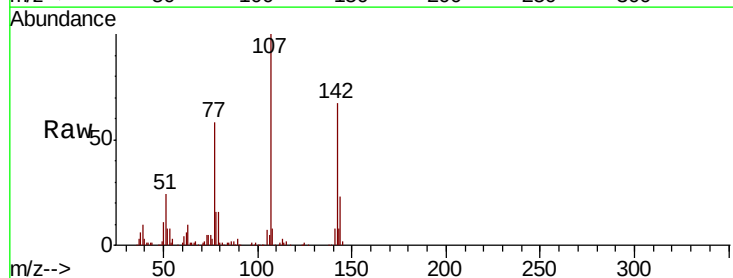
Tgt Ion:107 Resp: 168685

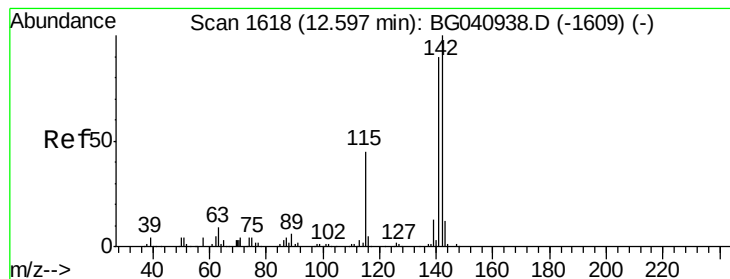
Ion Ratio Lower Upper

107 100

144 22.7 19.4 29.0

142 67.3 57.3 85.9





#37

2-Methylnaphthalene

Concen: 45.562 ng

RT: 12.57 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

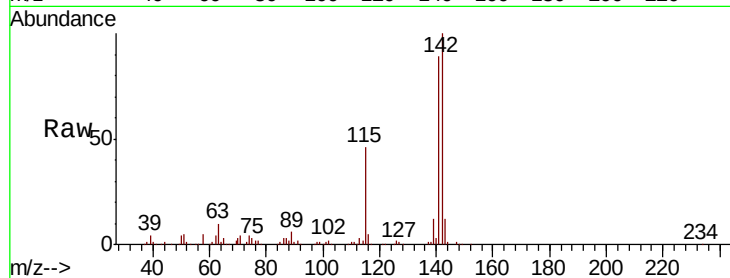
Tgt Ion:142 Resp: 310819

Ion Ratio Lower Upper

142 100

141 89.0 72.2 108.4

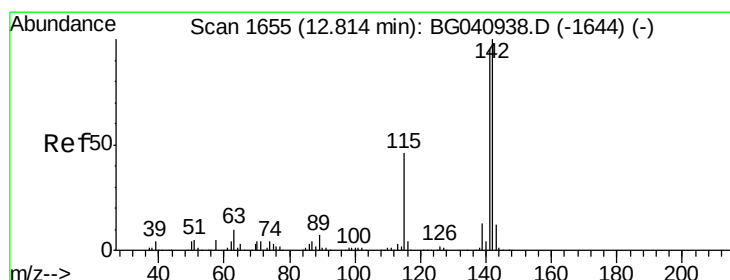
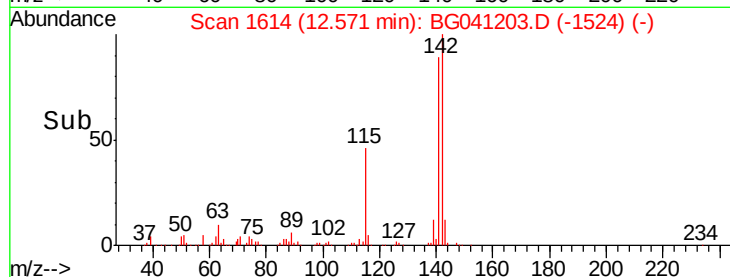
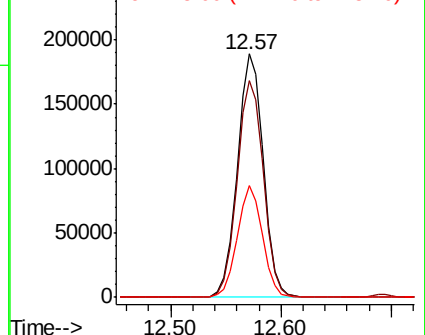
115 46.1 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.649 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

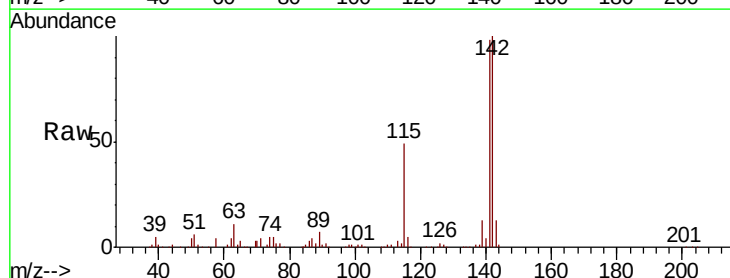
Tgt Ion:142 Resp: 293453

Ion Ratio Lower Upper

142 100

141 98.0 75.7 113.5

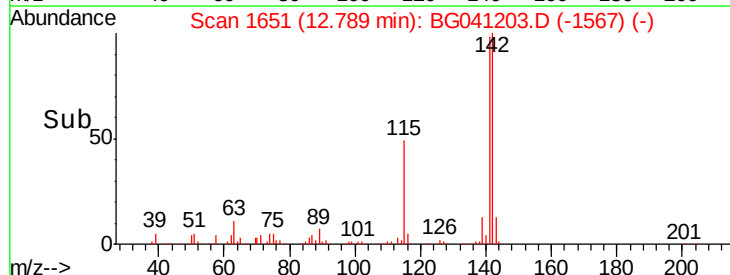
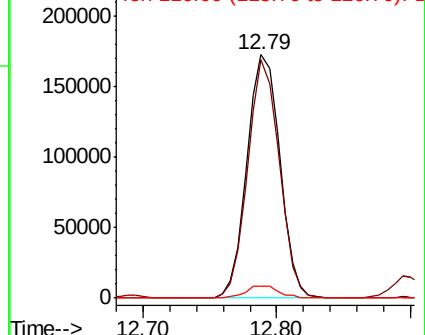
116 5.0 3.4 5.2

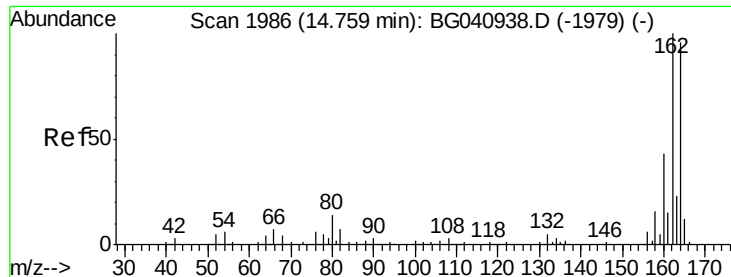


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

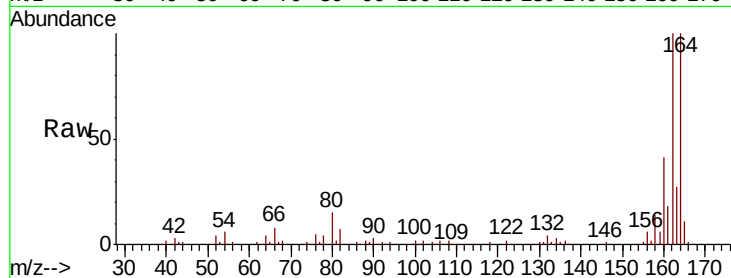
Tgt Ion:164 Resp: 123522

Ion Ratio Lower Upper

164 100

162 100.0 83.0 124.4

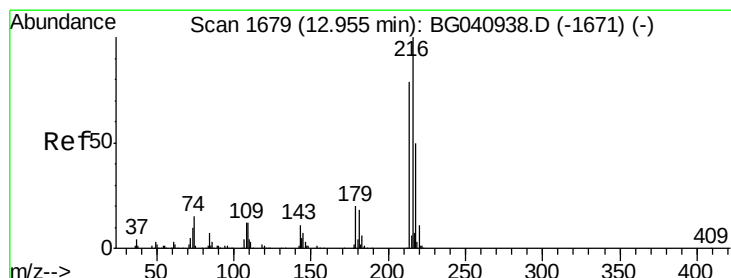
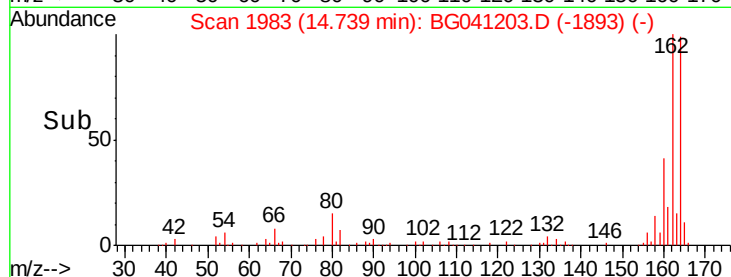
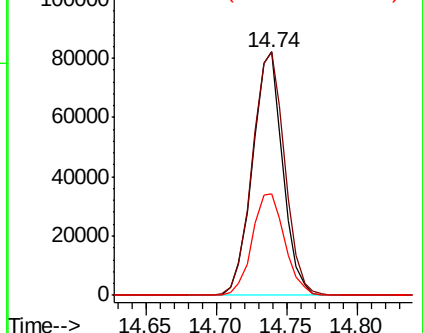
160 41.4 35.6 53.4



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: 46.542 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Tgt Ion:216 Resp: 231713

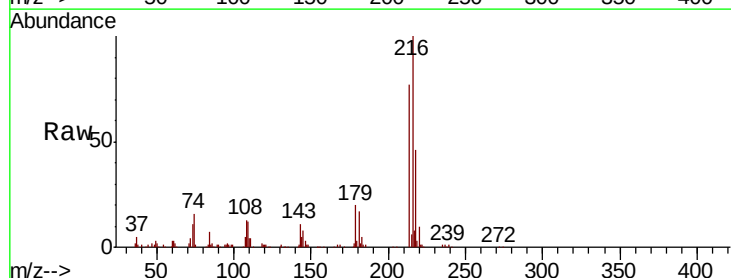
Ion Ratio Lower Upper

216 100

214 77.9 63.4 95.2

179 19.0 15.2 22.8

108 16.8 11.4 17.2

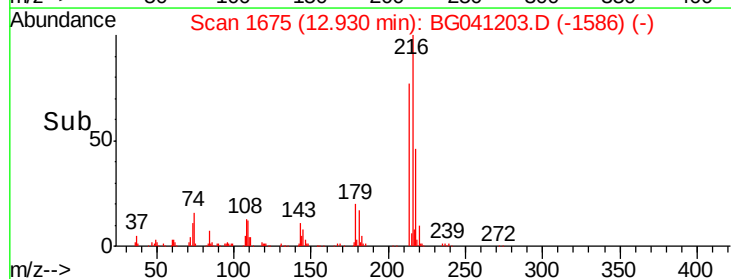
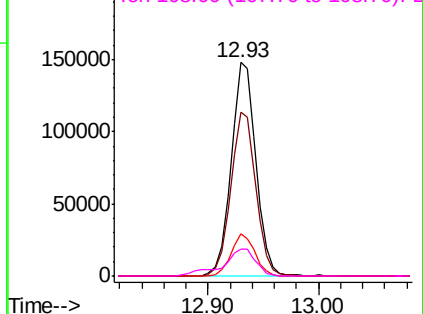


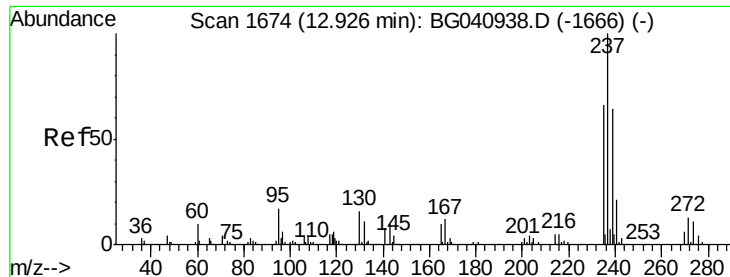
Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.003 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

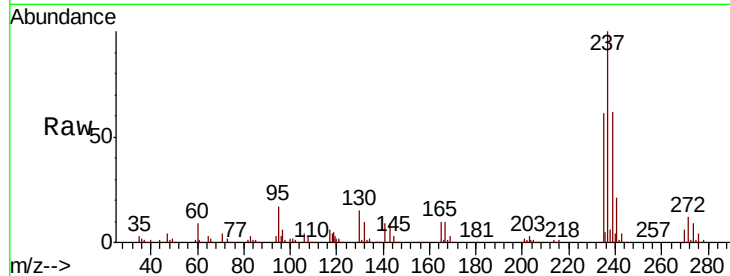
Tgt Ion: 237 Resp: 252892

Ion Ratio Lower Upper

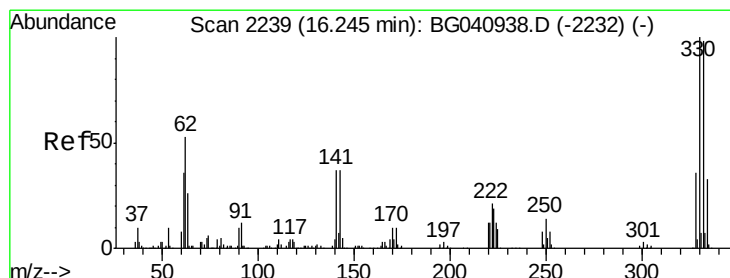
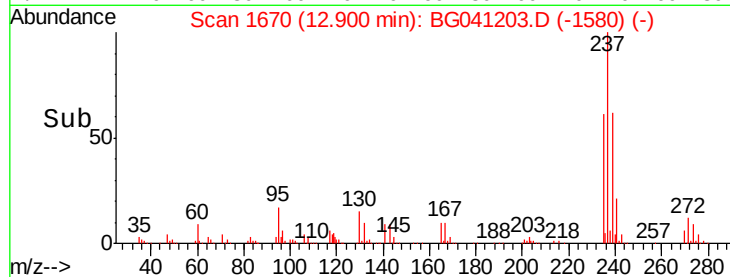
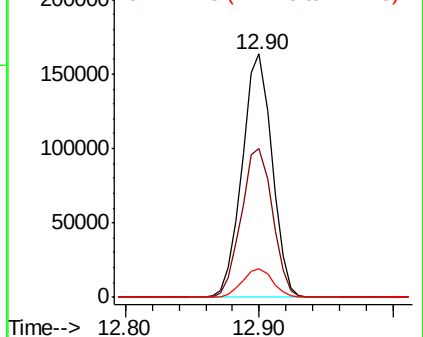
237 100

235 61.0 45.5 85.5

272 11.6 0.0 32.9



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: 150.839 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

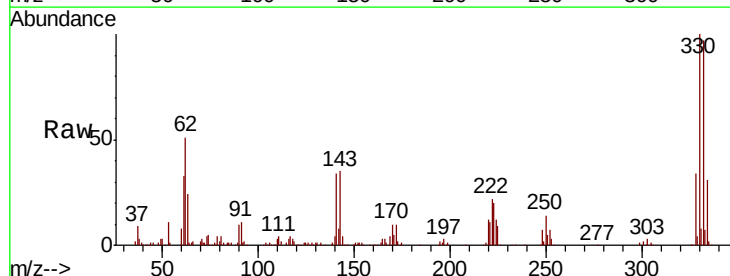
Tgt Ion: 330 Resp: 276604

Ion Ratio Lower Upper

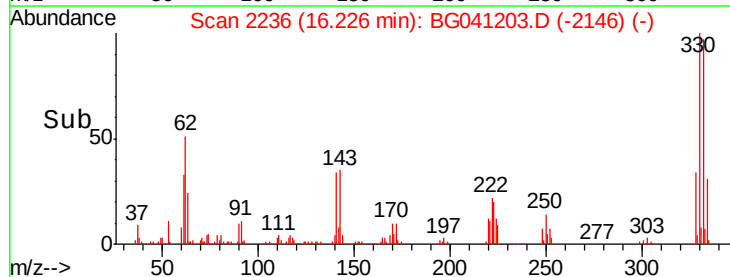
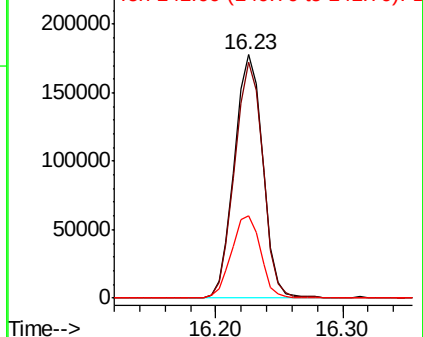
330 100

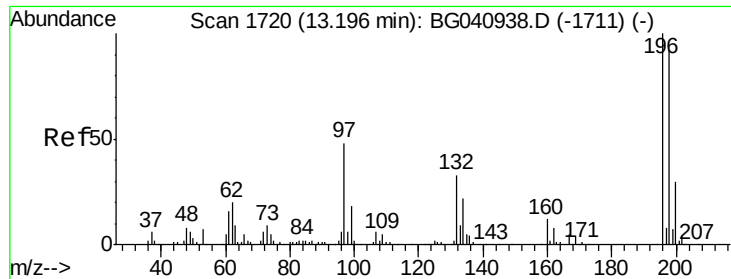
332 96.2 78.5 117.7

141 34.6 28.7 43.1



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

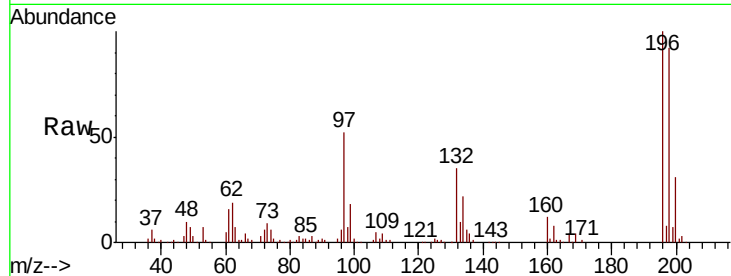




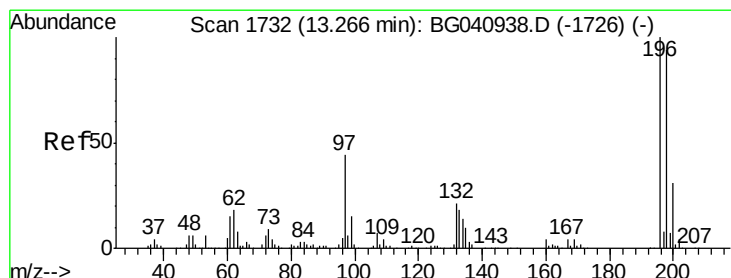
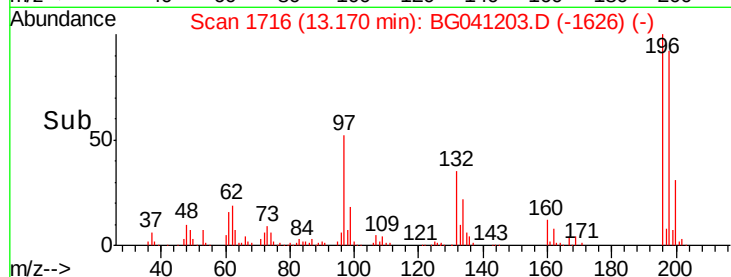
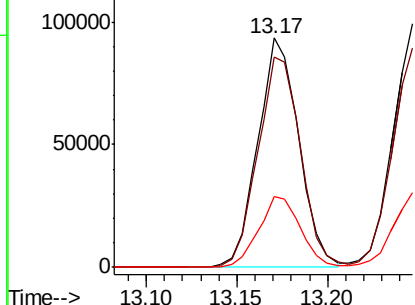
#43
 2,4,6-Trichlorophenol
 Concen: 45.571 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB120526BS

Tgt Ion:196 Resp: 146770
 Ion Ratio Lower Upper
 196 100
 198 91.6 73.8 110.6
 200 31.1 24.1 36.1



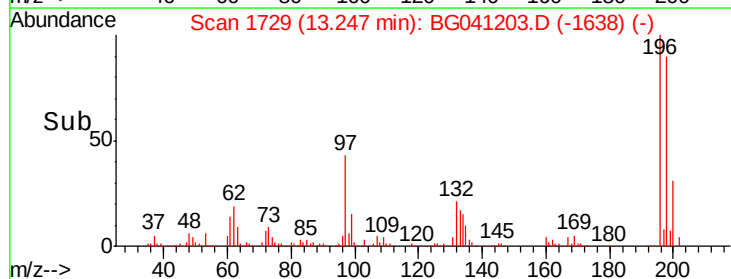
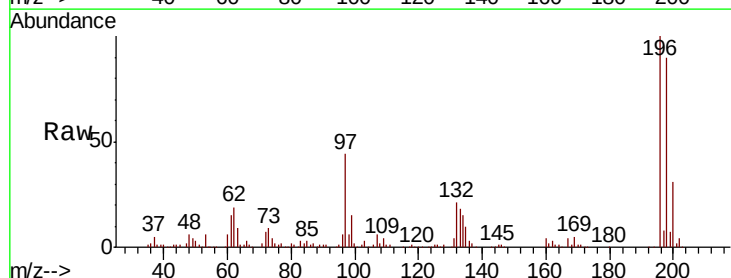
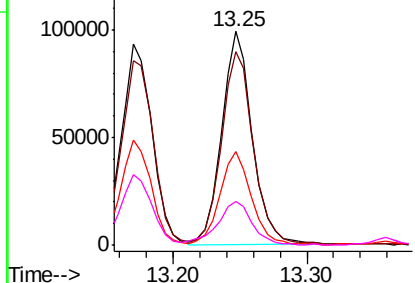
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

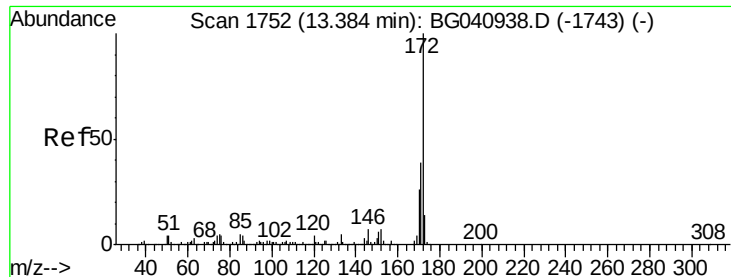


#44
 2,4,5-Trichlorophenol
 Concen: 46.788 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Tgt Ion:196 Resp: 158925
 Ion Ratio Lower Upper
 196 100
 198 90.3 75.1 112.7
 97 43.6 35.6 53.4
 132 20.5 16.7 25.1

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

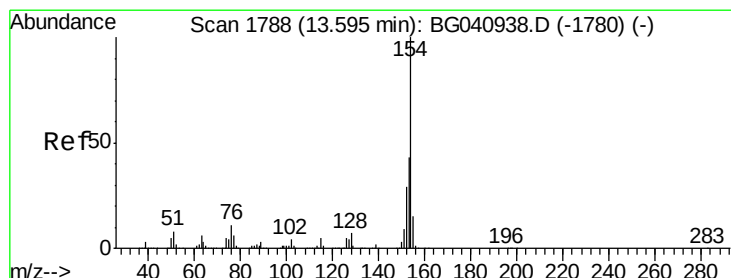
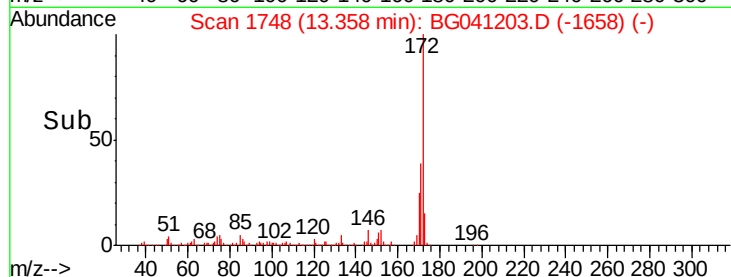
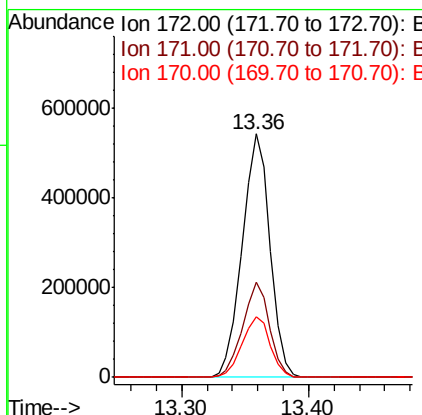
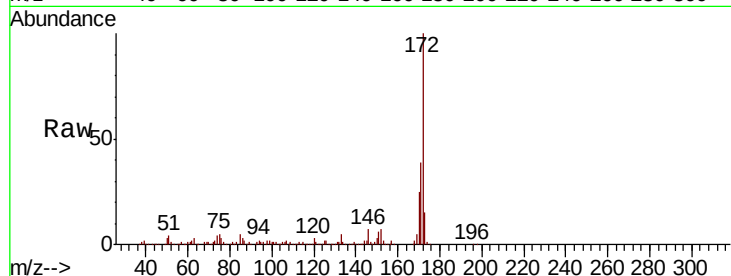




#45
2-Fluorobiphenyl
Concen: 96.002 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

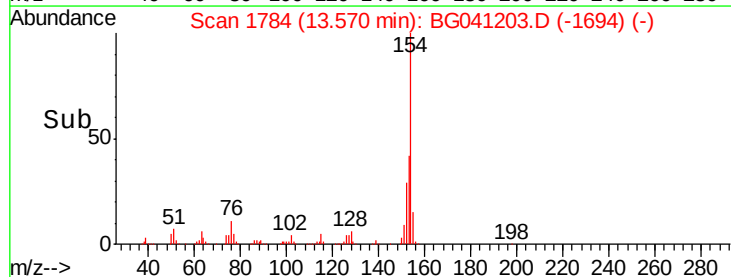
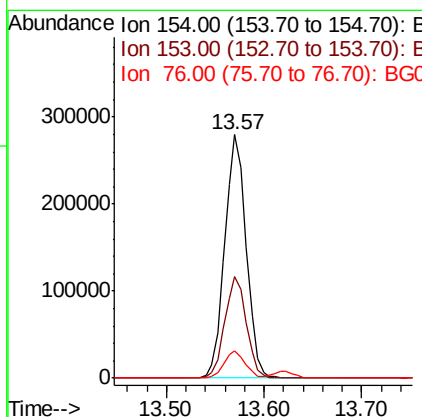
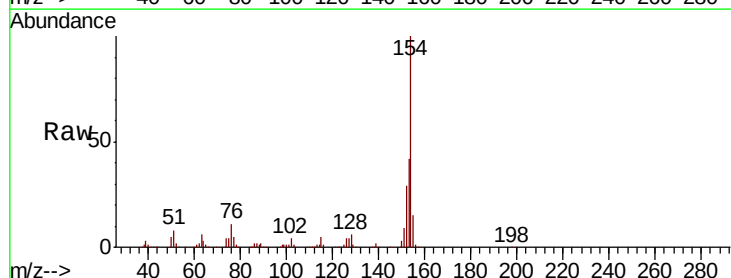
Instrument :
BNA_G
ClientSampleId :
PB120526BS

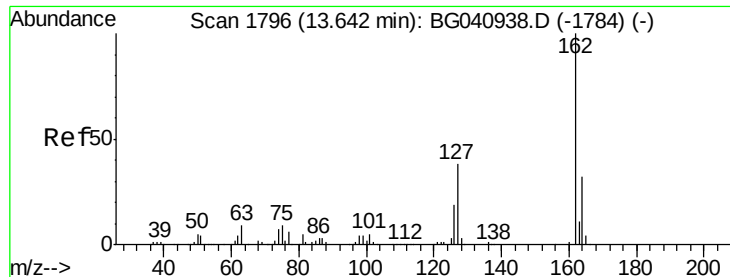
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.1	46.7
170	24.9	20.5	30.7



#46
1,1'-Biphenyl
Concen: 46.501 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.3	63.3
76	11.1	0.0	31.1

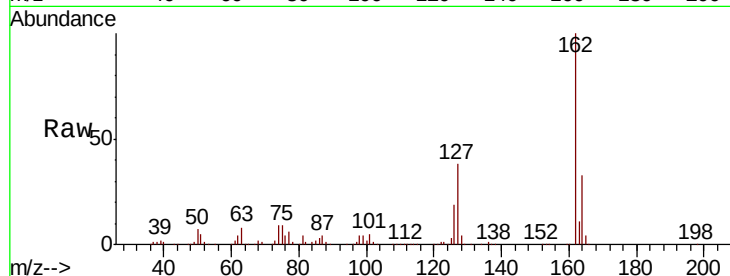




#47
 2-Chloronaphthalene
 Concen: 45.099 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB120526BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.5	45.7
164	33.2	25.8	38.6

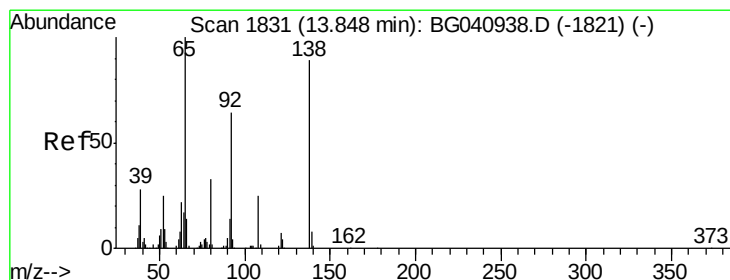
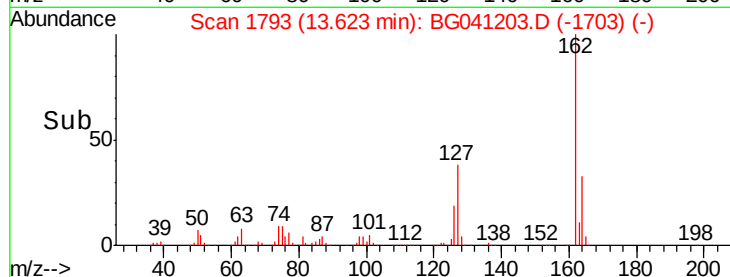
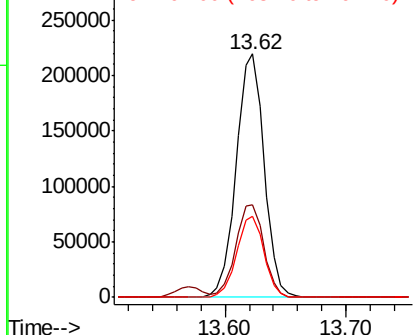


Abundance

Ion 162.00 (161.70 to 162.70): E

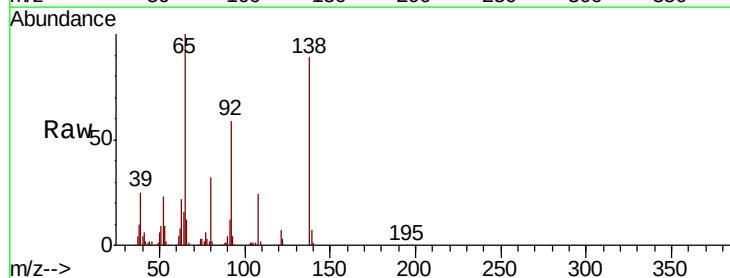
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 44.364 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.2	51.0	76.6
138	89.4	71.2	106.8

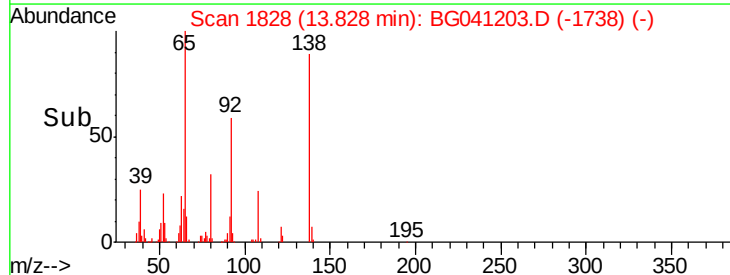
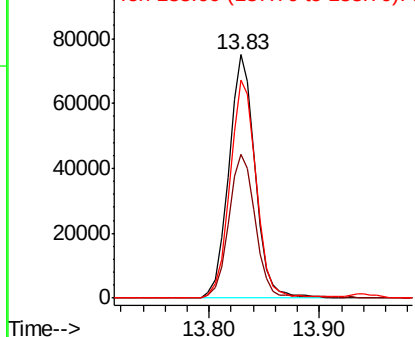


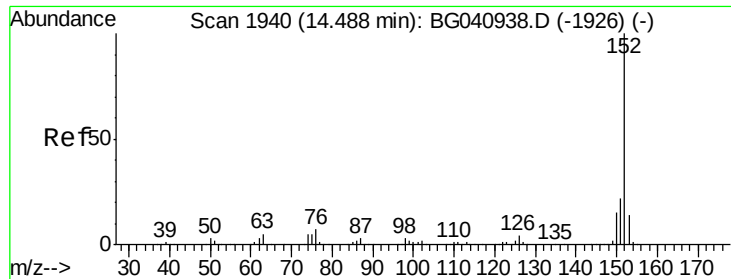
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.115 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

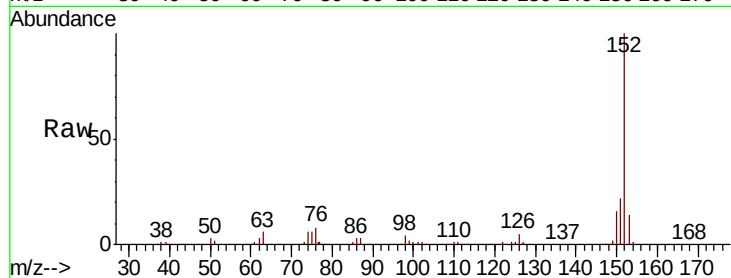
Tgt Ion:152 Resp: 544795

Ion Ratio Lower Upper

152 100

151 21.6 17.4 26.0

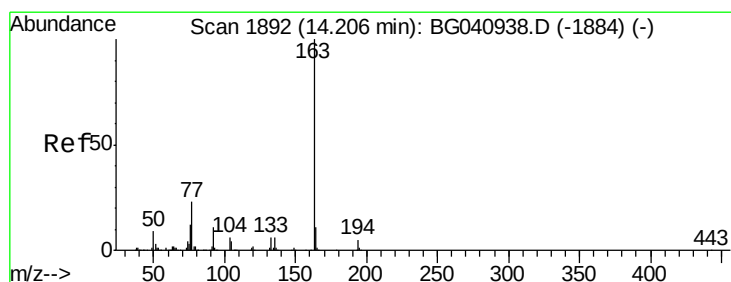
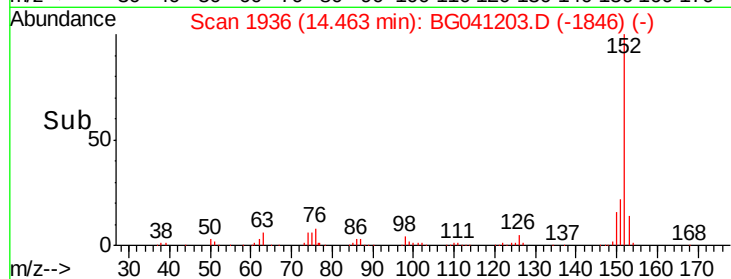
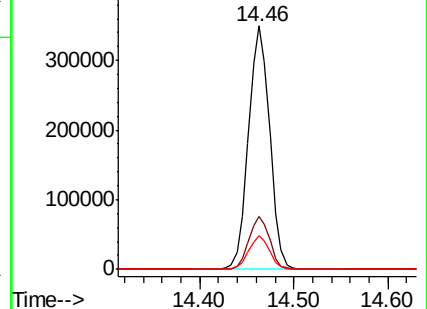
153 13.8 11.0 16.4



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: 42.998 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

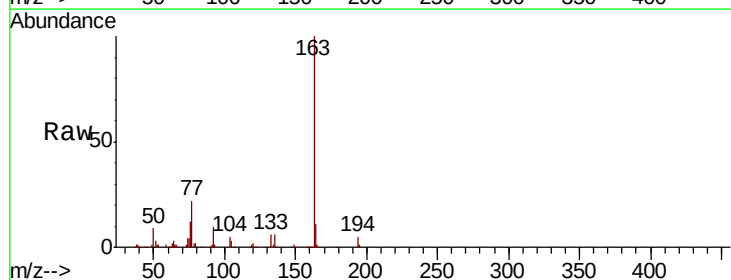
Tgt Ion:163 Resp: 449594

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

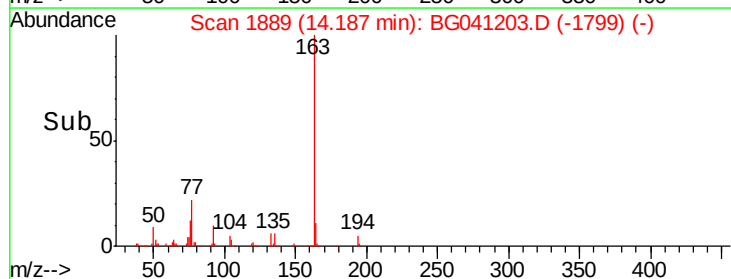
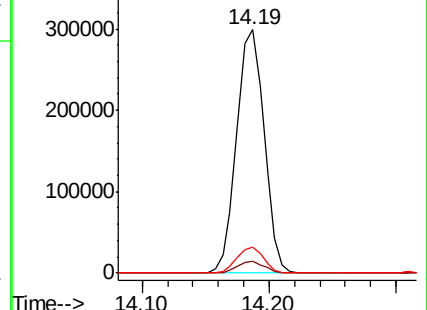
164 10.7 8.7 13.1

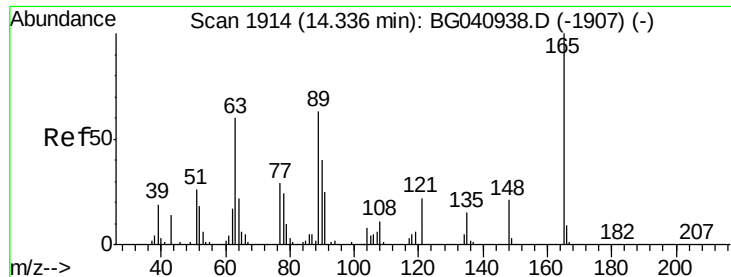


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.085 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

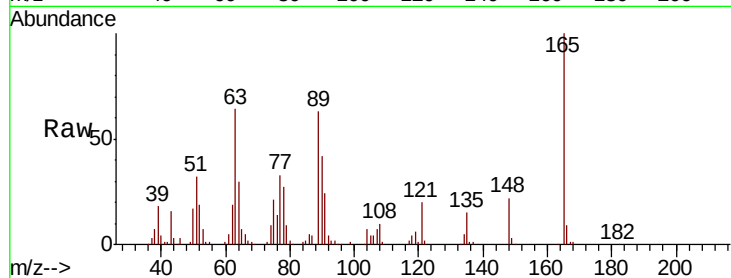
Tgt Ion:165 Resp: 101642

Ion Ratio Lower Upper

165 100

63 63.8 53.6 80.4

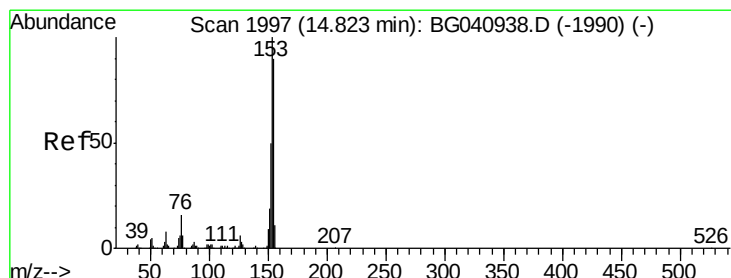
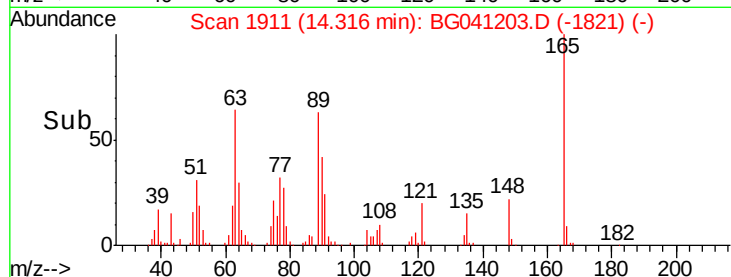
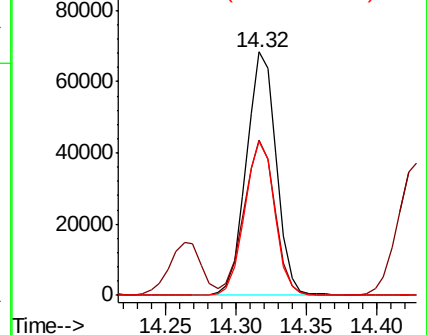
89 63.3 50.4 75.6



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: 44.470 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

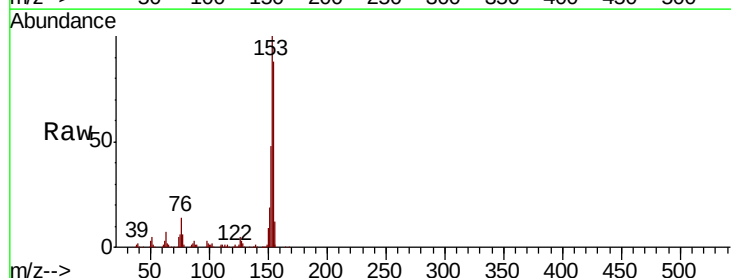
Tgt Ion:154 Resp: 318259

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

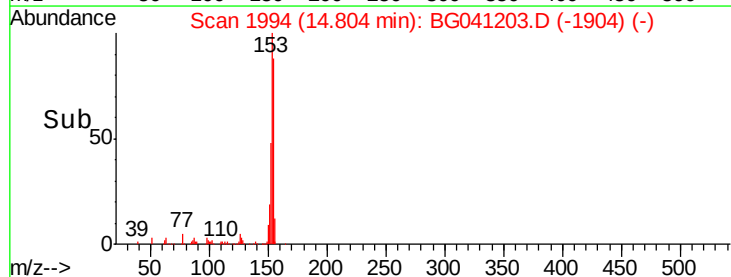
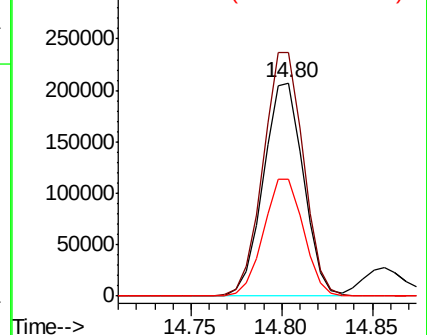
152 55.0 44.2 66.4

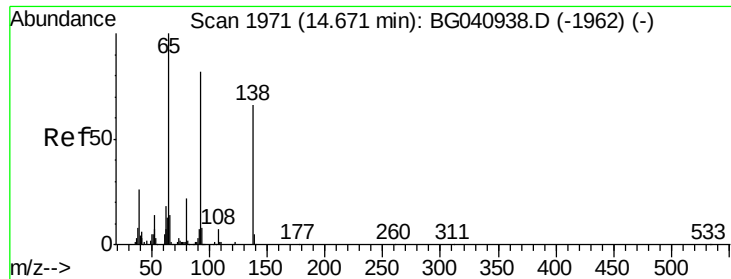


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.291 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

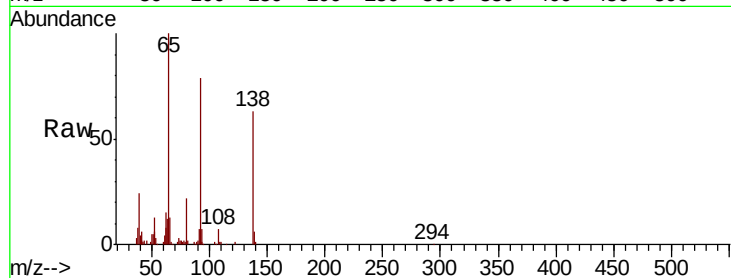
Tgt Ion:138 Resp: 54760

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

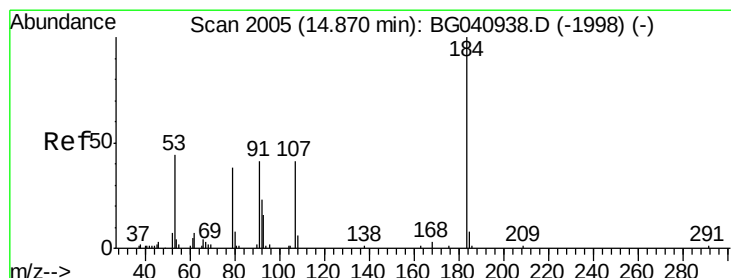
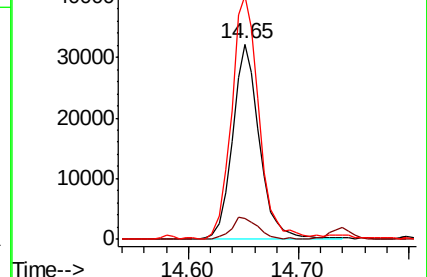
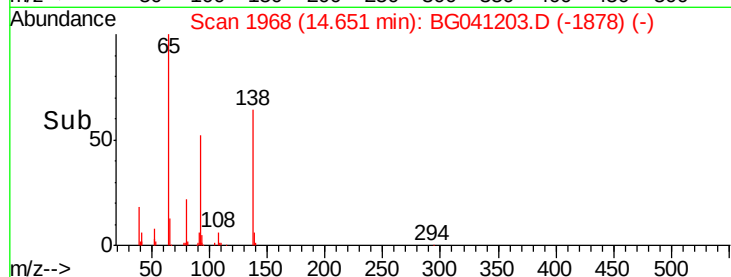
92 124.8 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 70.733 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

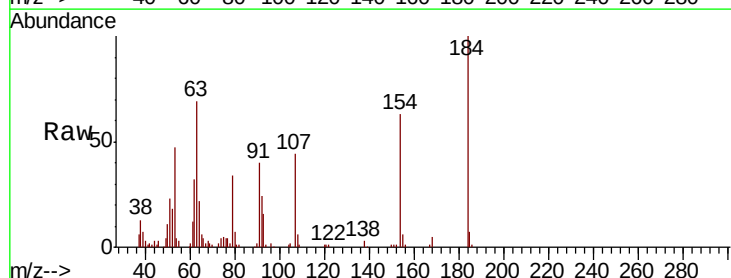
Tgt Ion:184 Resp: 78731

Ion Ratio Lower Upper

184 100

63 69.3 49.8 74.6

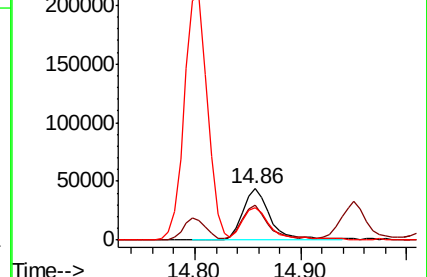
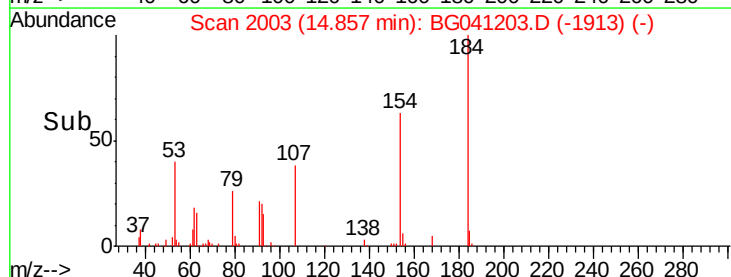
154 62.8 52.2 78.4

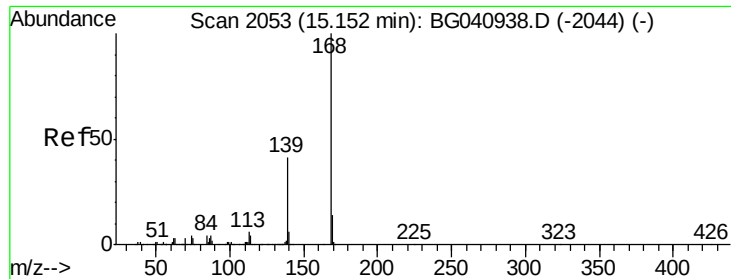


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

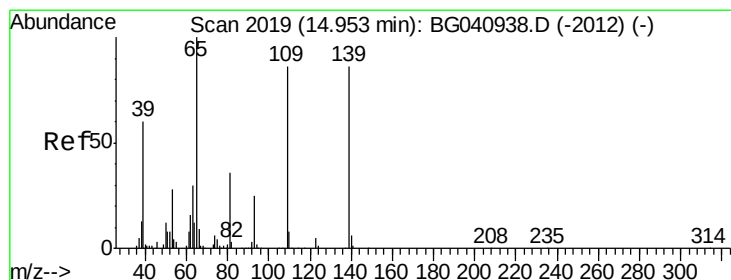
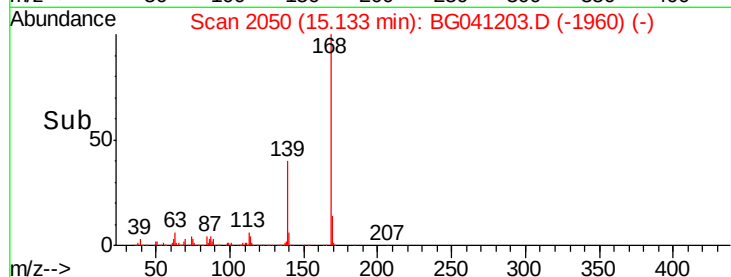
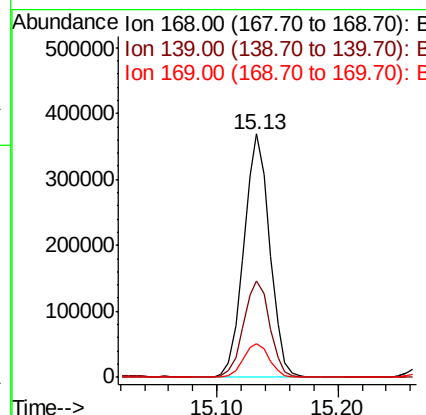
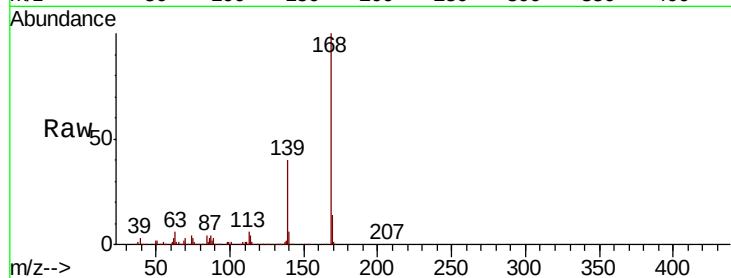




#55
Dibenzofuran
Concen: 45.735 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

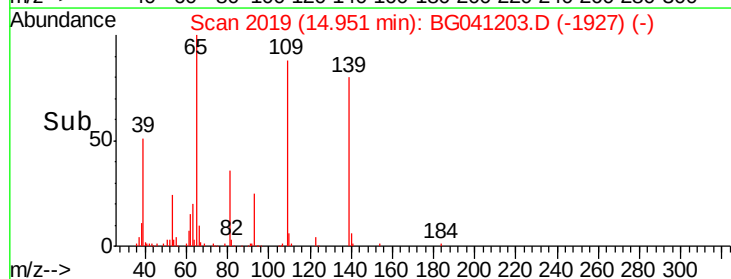
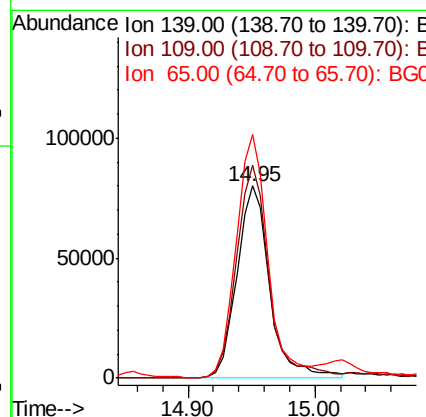
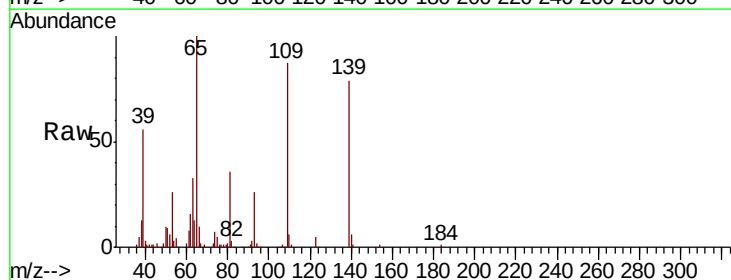
Instrument :
BNA_G
ClientSampleId :
PB120526BS

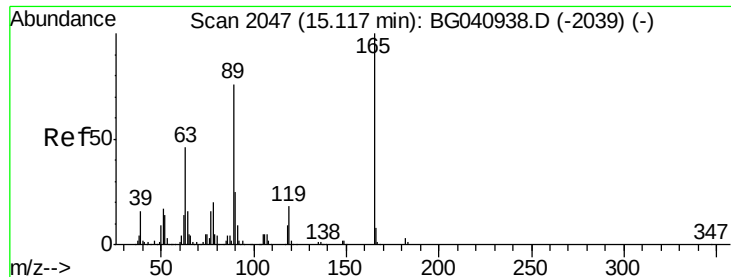
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.8	49.2
169	14.1	11.3	16.9



#56
4-Nitrophenol
Concen: 92.105 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.4	79.6	119.6
65	126.6	96.9	136.9

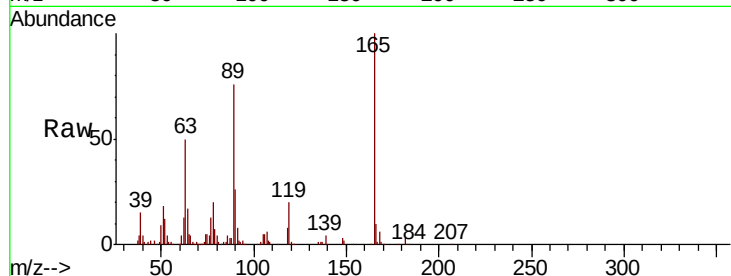




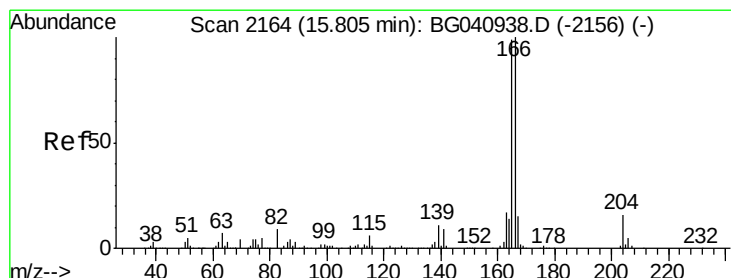
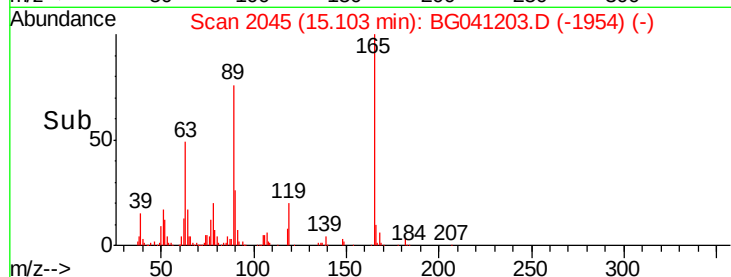
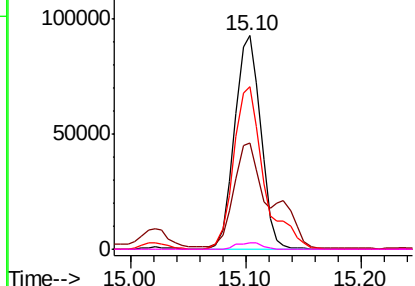
#57
2,4-Dinitrotoluene
Concen: 45.582 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB120526BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.7	37.3	55.9
89	76.1	61.0	91.6
182	3.1	2.2	3.2

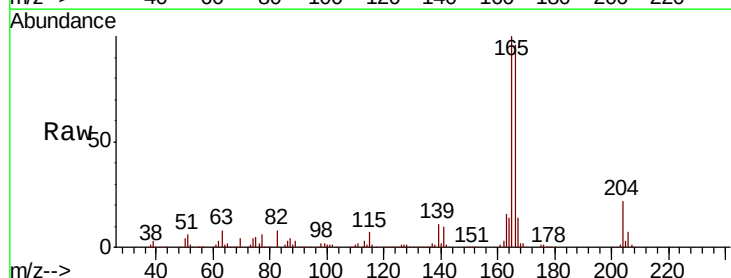


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

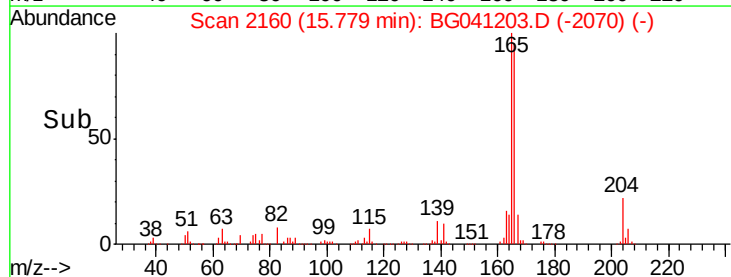
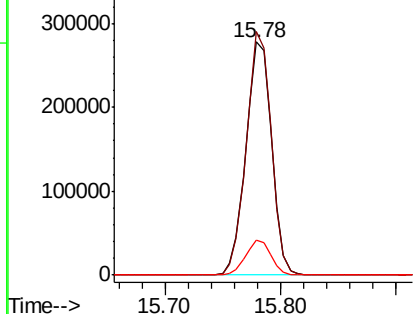


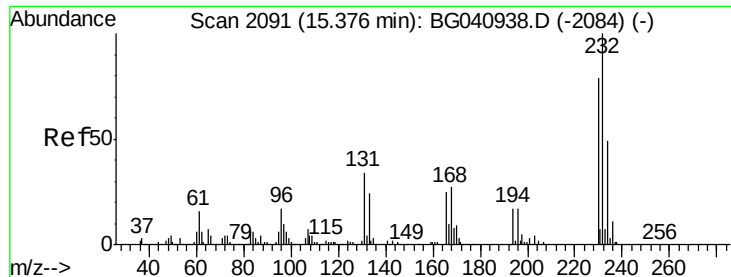
#58
Fluorene
Concen: 45.016 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.5	79.2	118.8
167	15.0	11.8	17.6



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

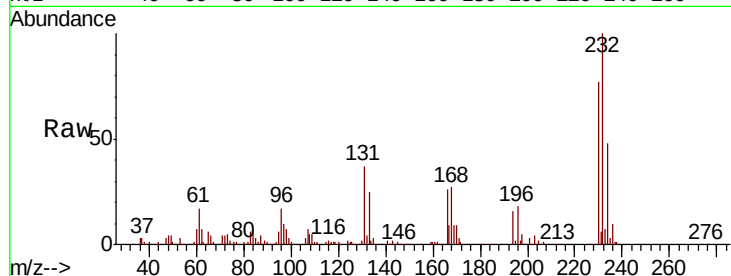




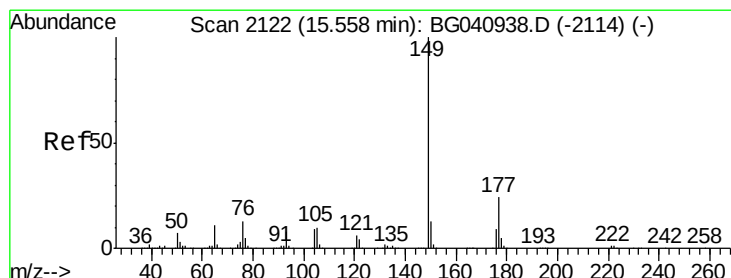
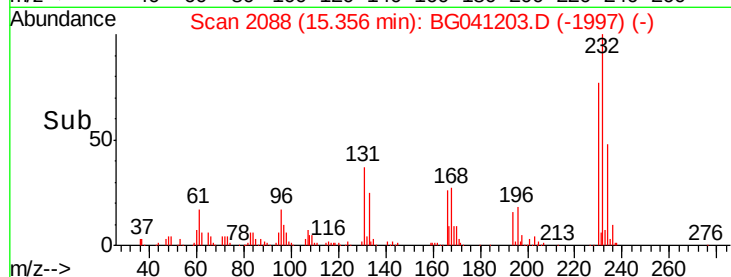
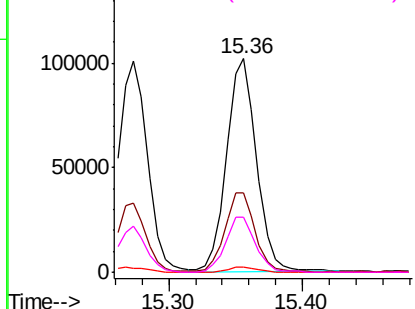
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.694 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB120526BS

Tgt Ion:	232	Resp:	159207
Ion	Ratio	Lower	Upper
232	100		
131	37.3	30.3	45.5
130	2.4	1.8	2.8
166	26.0	21.3	31.9

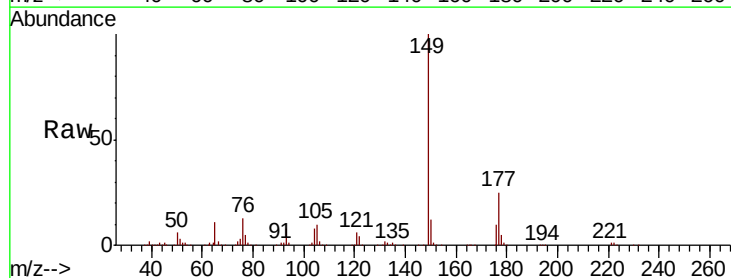


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

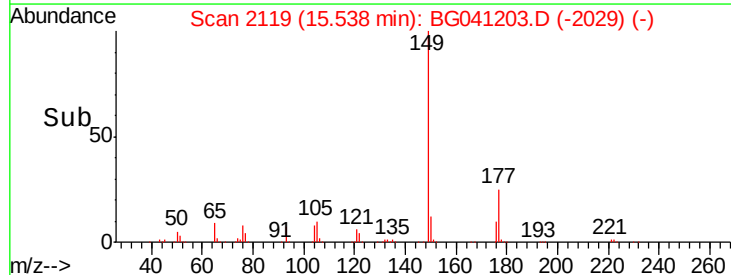
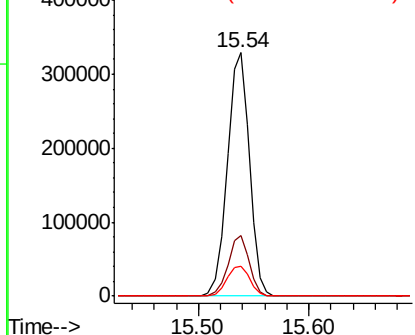


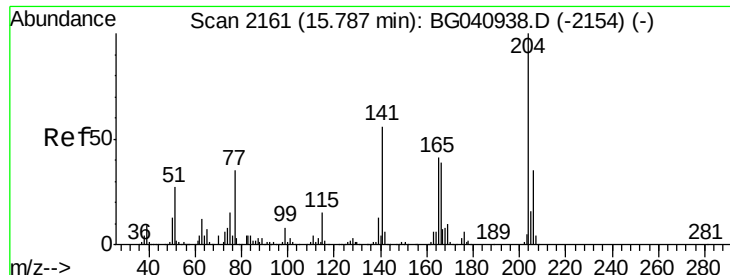
#60
 Diethylphthalate
 Concen: 43.044 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Tgt Ion:	149	Resp:	459319
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.4	29.0
150	12.4	10.3	15.5



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

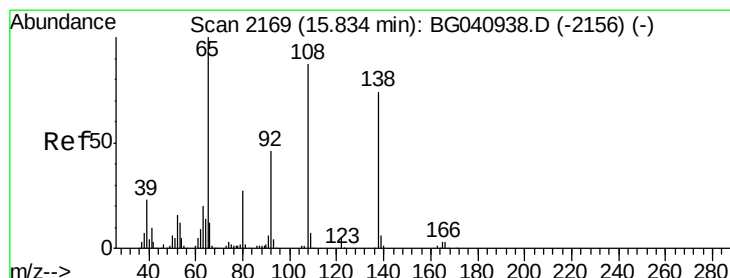
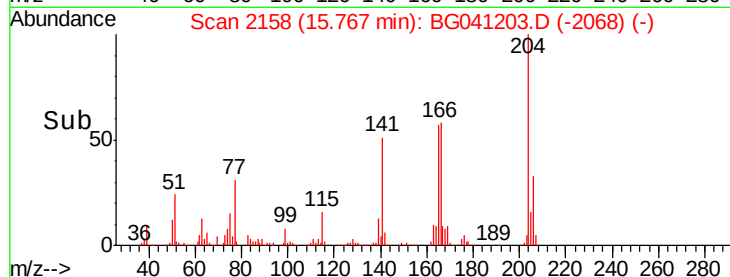
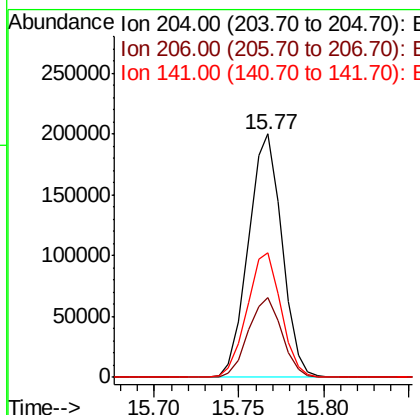
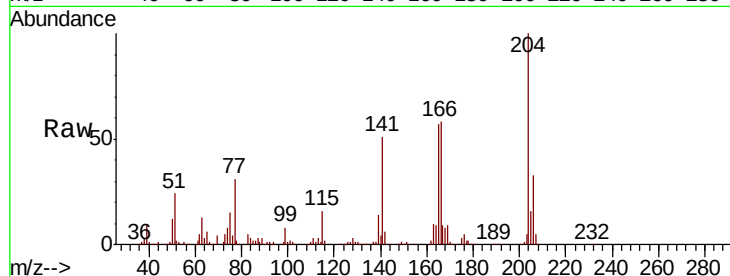




#61
 4-Chlorophenyl-phenylether
 Concen: 44.408 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

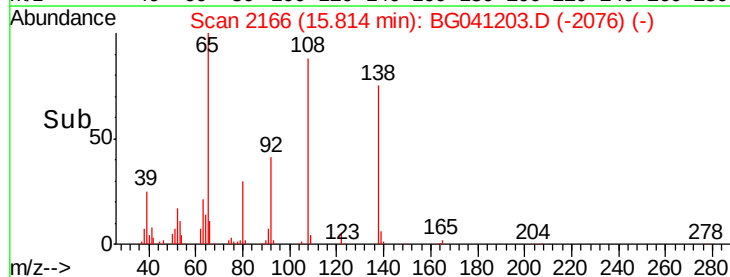
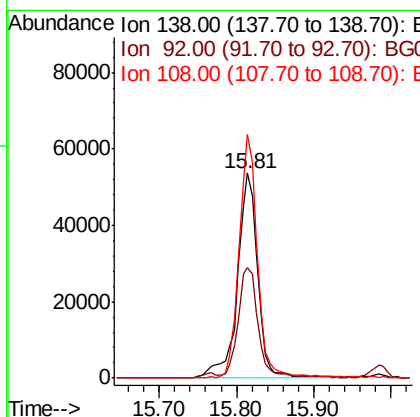
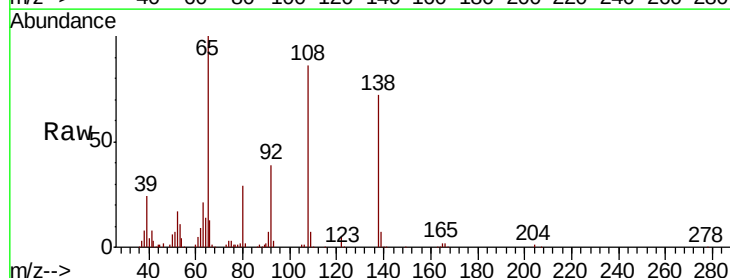
Instrument :
 BNA_G
 ClientSampleId :
 PB120526BS

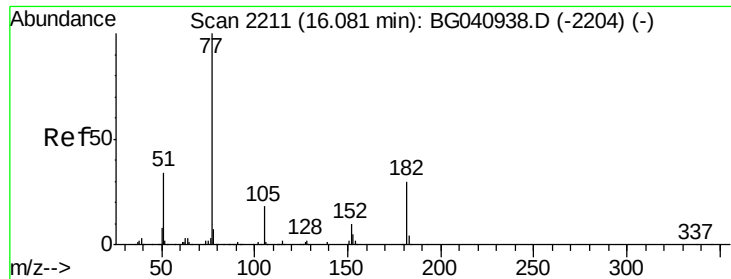
Tgt Ion: 204 Resp: 276819
 Ion Ratio Lower Upper
 204 100
 206 32.8 27.6 41.4
 141 51.2 45.1 67.7



#62
 4-Nitroaniline
 Concen: 41.506 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Tgt Ion: 138 Resp: 99059
 Ion Ratio Lower Upper
 138 100
 92 54.3 42.4 82.4
 108 118.9 96.9 136.9





#63

Azobenzene

Concen: 43.917 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

Tgt Ion: 77 Resp: 425929

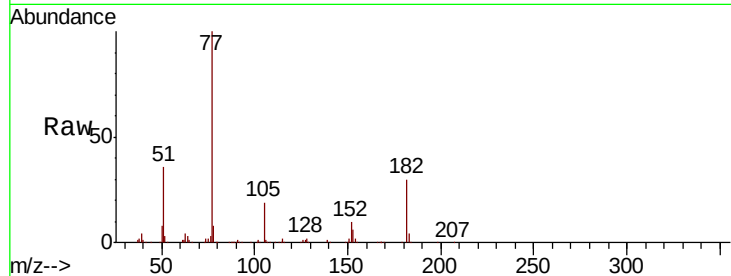
Ion Ratio Lower Upper

77 100

182 29.8 9.6 49.6

105 18.6 0.0 37.5

51 35.7 13.7 53.7

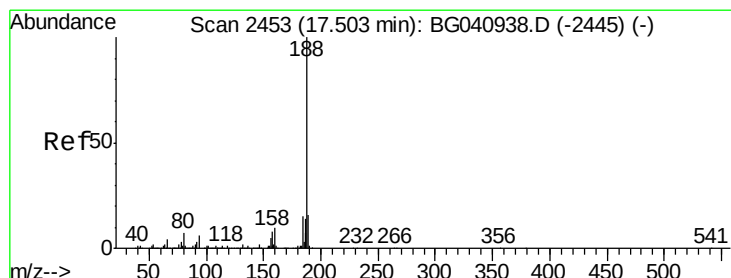
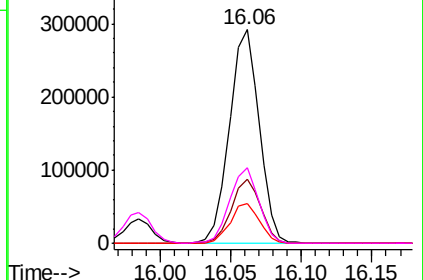
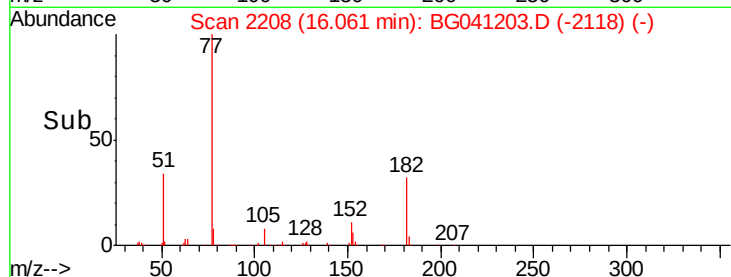


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

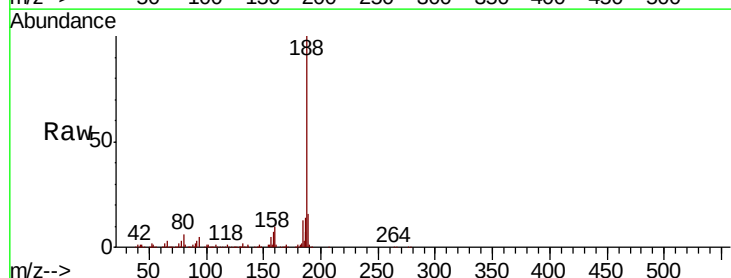
Tgt Ion: 188 Resp: 308599

Ion Ratio Lower Upper

188 100

94 5.3 4.7 7.1

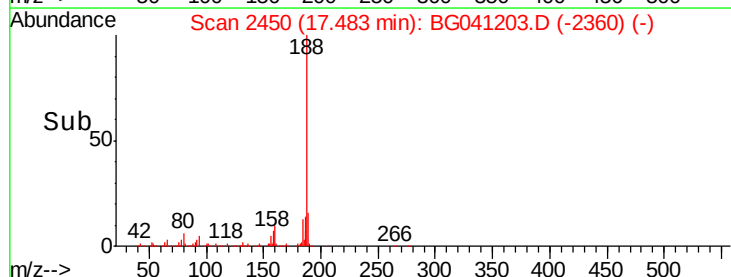
80 6.1 5.8 8.8



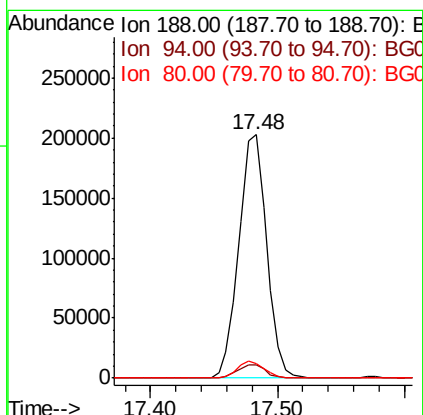
Abundance Ion 188.00 (187.70 to 188.70): BGC

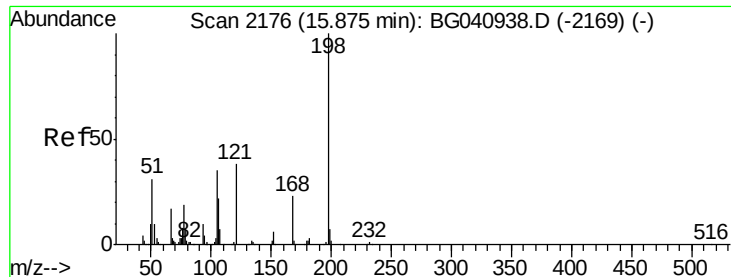
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 46.362 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

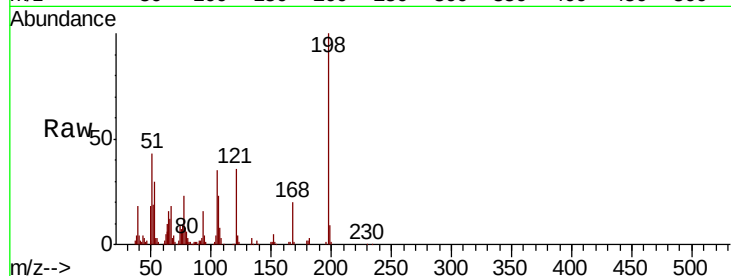
Tgt Ion:198 Resp: 76077

Ion Ratio Lower Upper

198 100

51 43.0 21.6 61.6

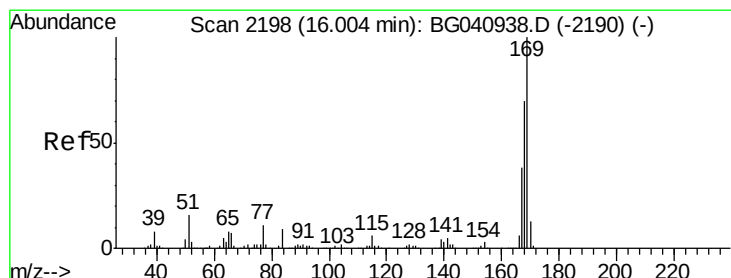
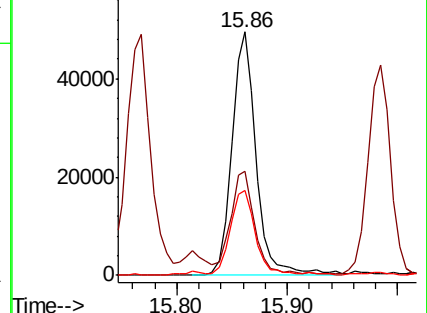
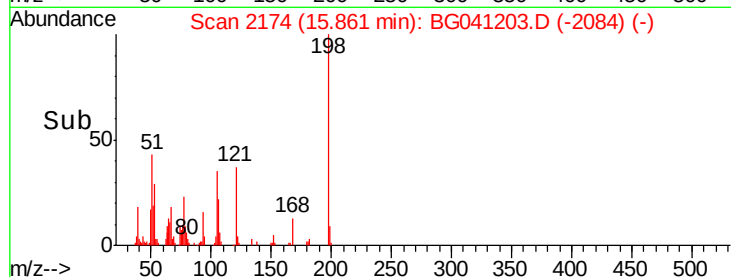
105 35.0 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041203.D (-2084) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.687 ng

RT: 15.98 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

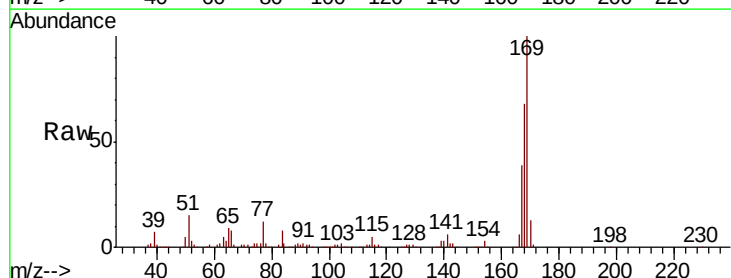
Tgt Ion:169 Resp: 396337

Ion Ratio Lower Upper

169 100

168 68.3 55.7 83.5

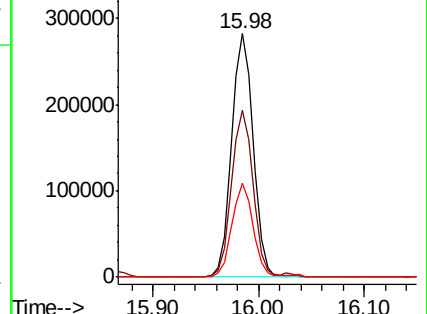
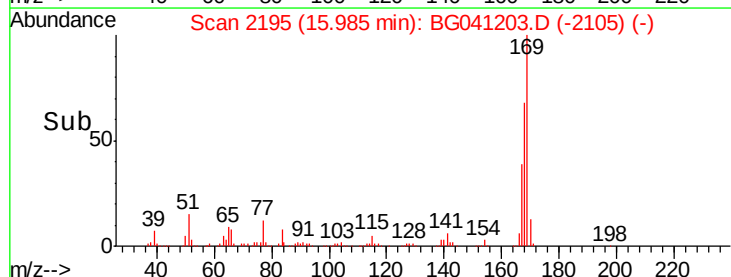
167 38.7 30.2 45.2

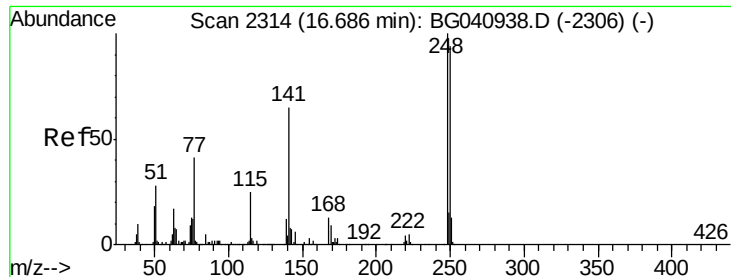


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

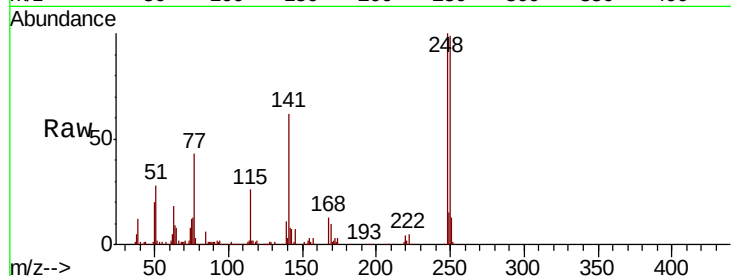




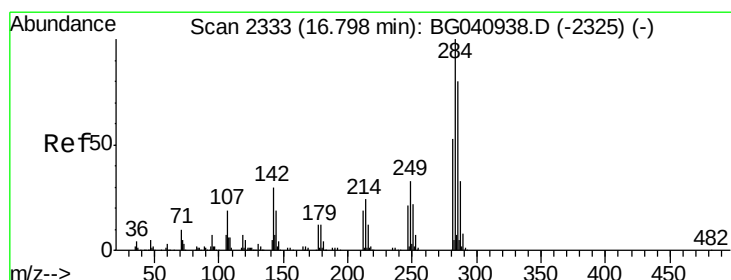
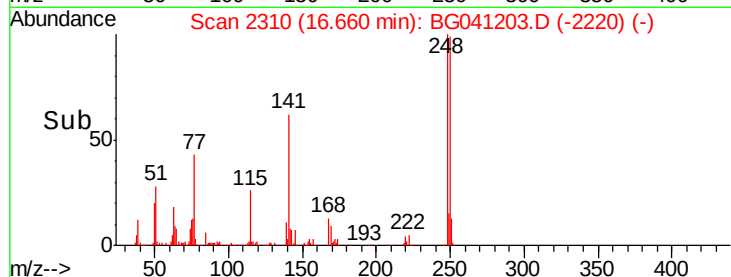
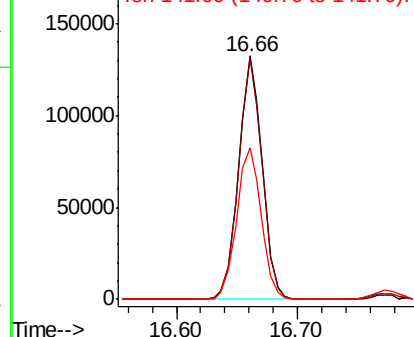
#67
4-Bromophenyl-phenylether
Concen: 43.295 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB120526BS

Tgt Ion:248 Resp: 180309
Ion Ratio Lower Upper
248 100
250 98.8 75.0 112.4
141 62.4 52.4 78.6

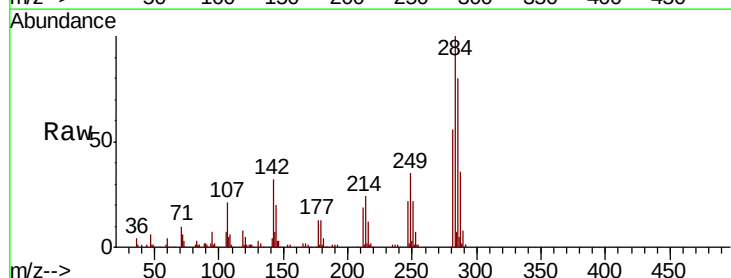


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

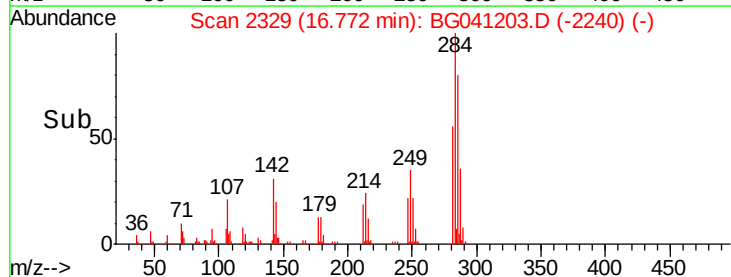
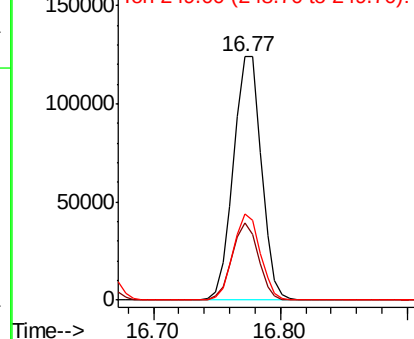


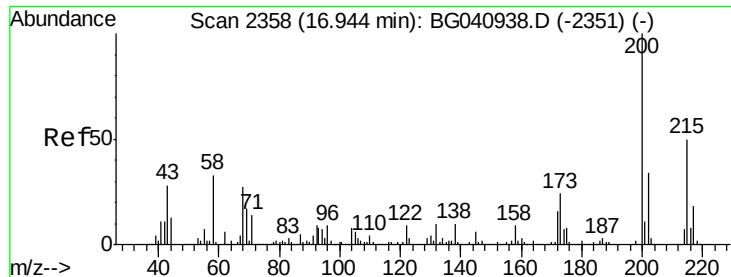
#68
Hexachlorobenzene
Concen: 42.585 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion:284 Resp: 188850
Ion Ratio Lower Upper
284 100
142 31.5 23.9 35.9
249 35.5 26.8 40.2



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: 49.557 ng

RT: 16.92 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

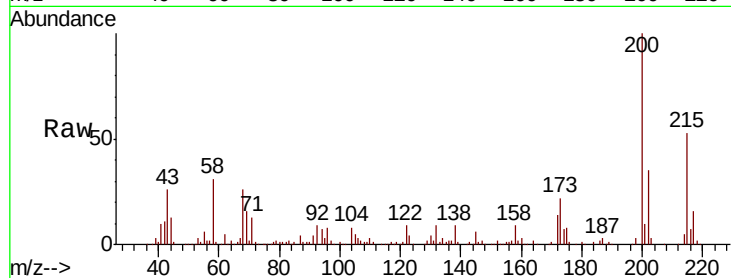
Tgt Ion:200 Resp: 165884

Ion Ratio Lower Upper

200 100

173 21.9 3.6 43.6

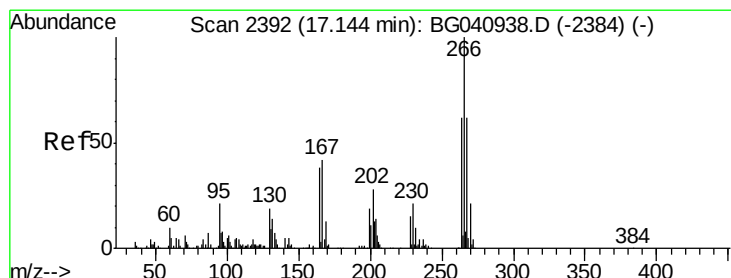
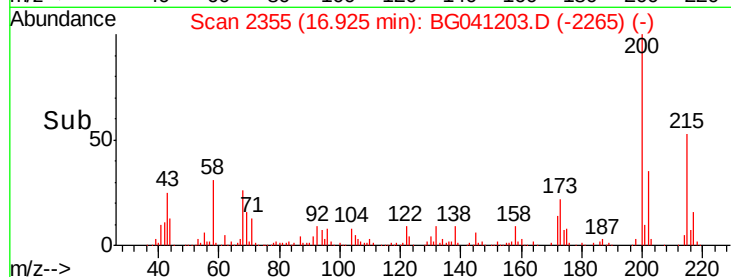
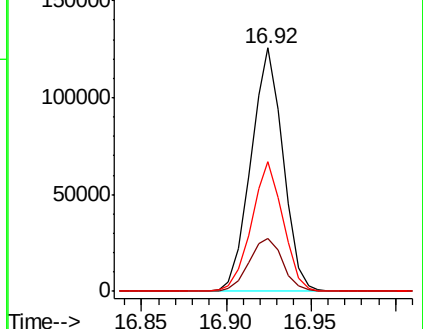
215 53.0 29.6 69.6



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: 85.764 ng

RT: 17.12 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

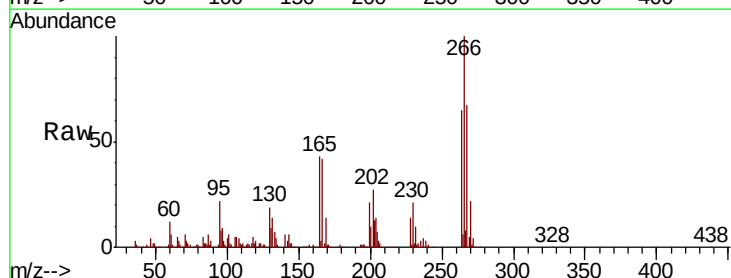
Tgt Ion:266 Resp: 204516

Ion Ratio Lower Upper

266 100

268 66.7 53.1 79.7

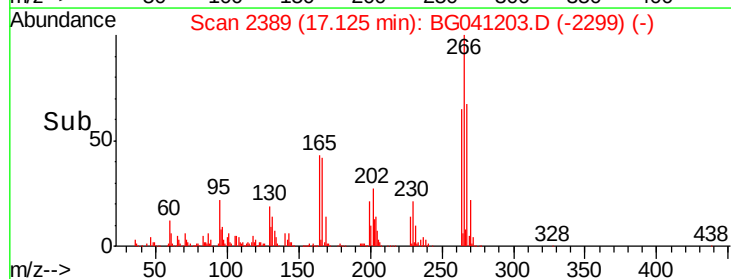
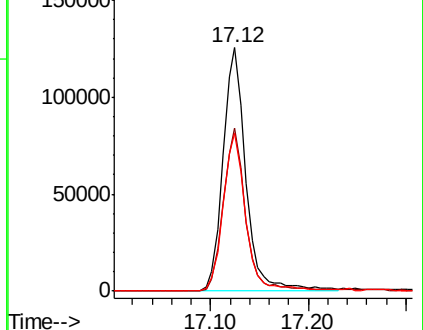
264 65.0 49.9 74.9

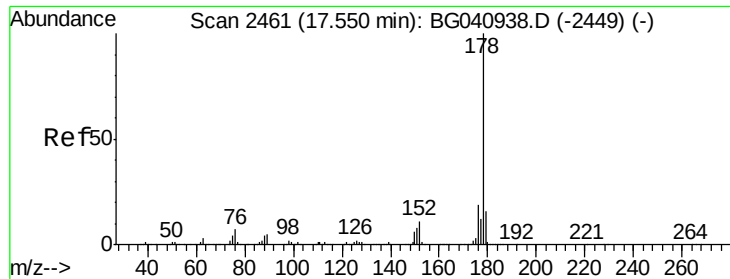


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

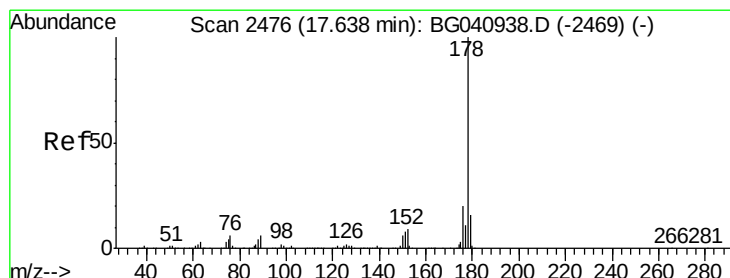
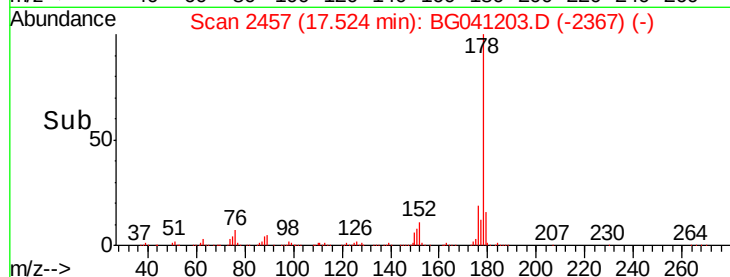
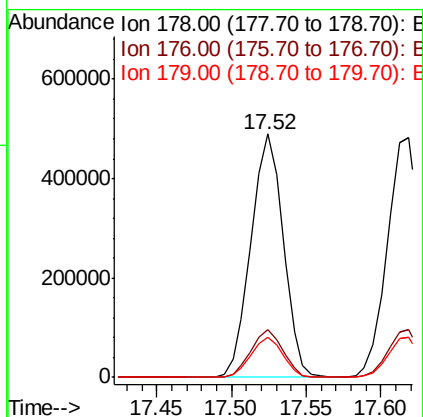
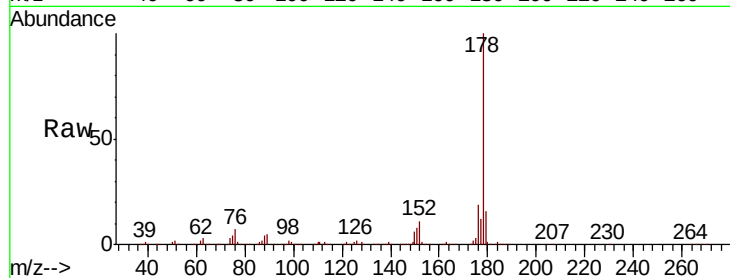




#71
Phenanthrene
Concen: 45.671 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

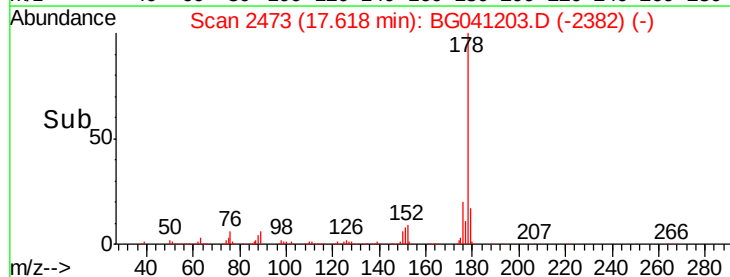
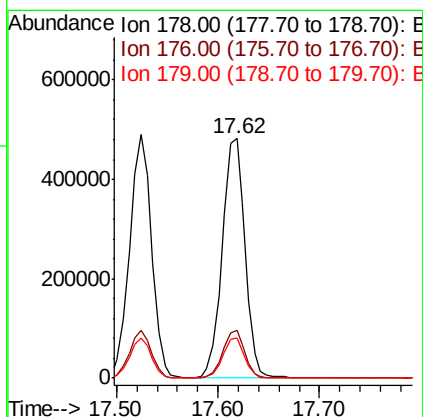
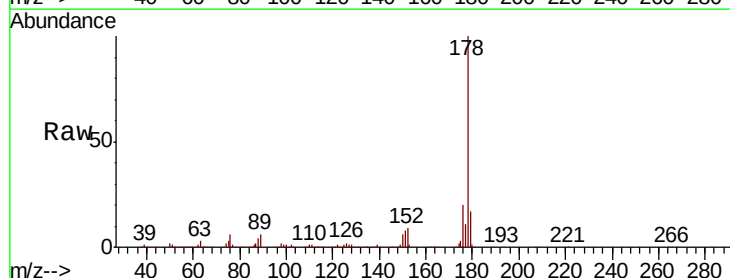
Instrument :
BNA_G
ClientSampleId :
PB120526BS

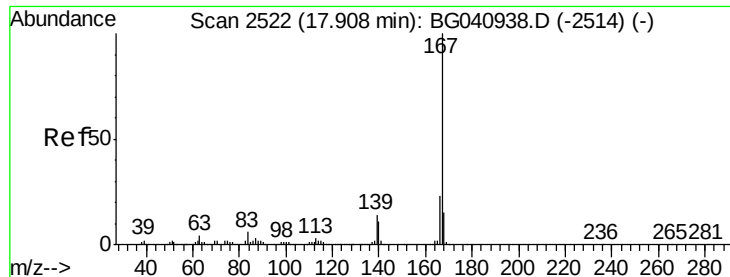
Tgt Ion:178 Resp: 734136
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.5 12.7 19.1



#72
Anthracene
Concen: 47.286 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion:178 Resp: 749665
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 16.8 13.0 19.4

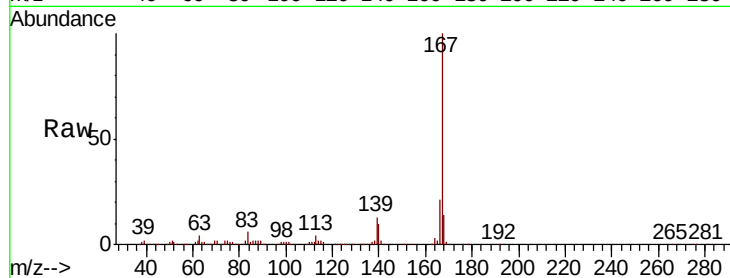




#73
 Carbazole
 Concen: 47.855 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB120526BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.6	18.2	27.4
139	13.1	10.8	16.2

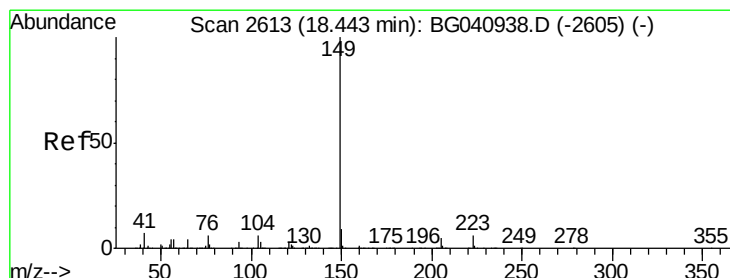
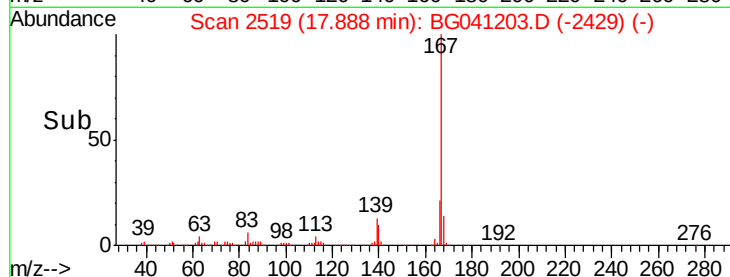
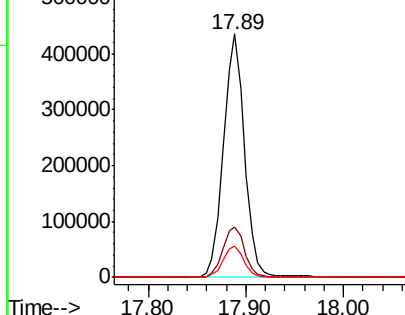


Abundance

Ion 167.00 (166.70 to 167.70): E

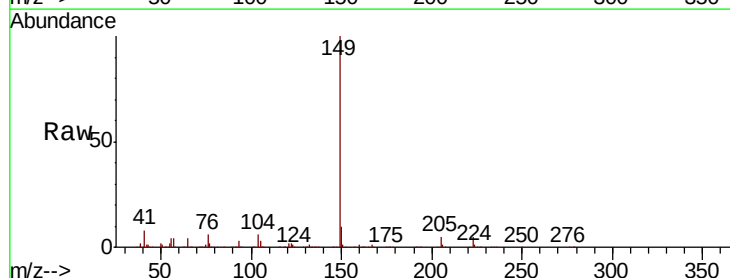
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 45.113 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041203.D
 Acq: 12 Jun 2019 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	6.2	5.0	7.4

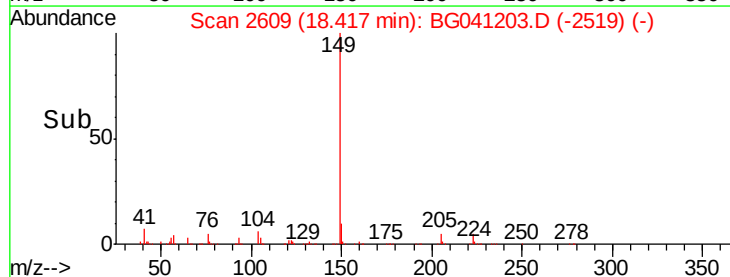
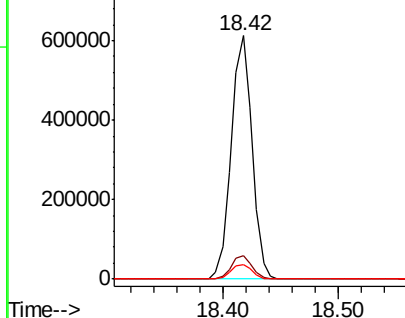


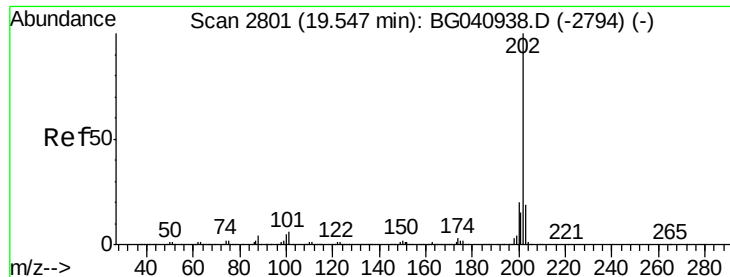
Abundance

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: 47.558 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

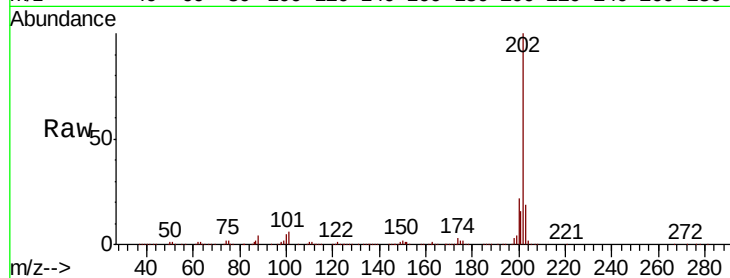
Tgt Ion:202 Resp: 944251

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.2

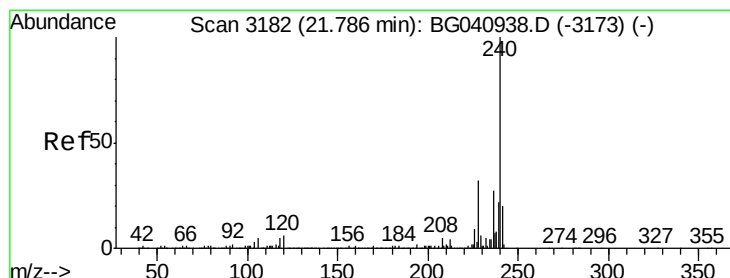
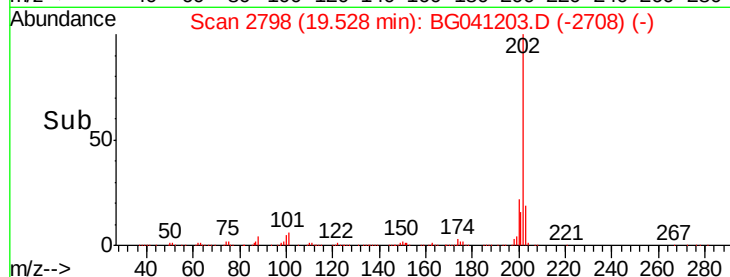
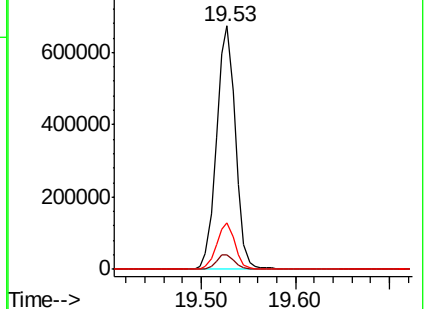
203 19.3 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

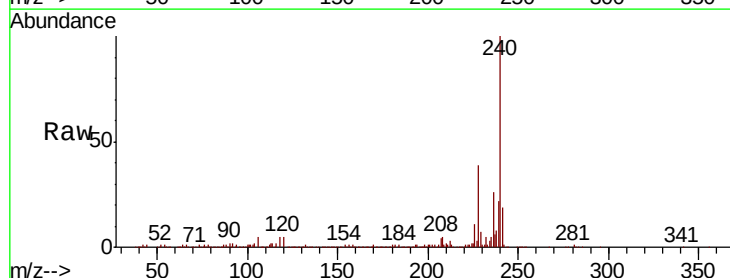
Tgt Ion:240 Resp: 307567

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

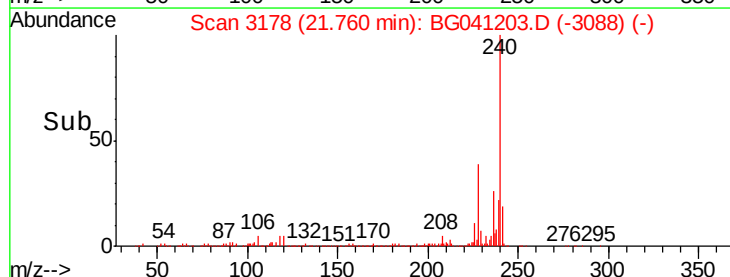
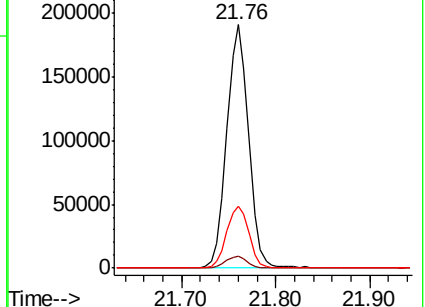
236 25.5 21.3 31.9

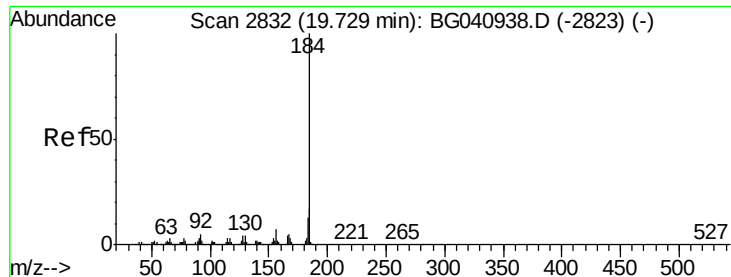


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.616 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

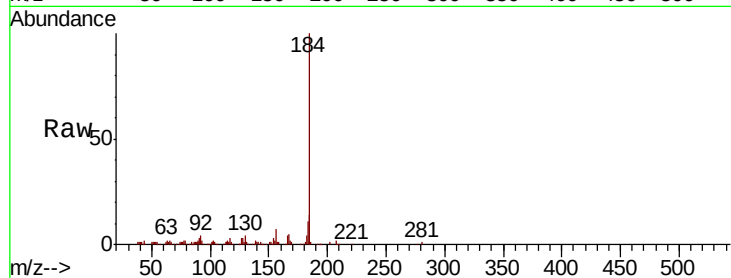
Tgt Ion:184 Resp: 151261

Ion Ratio Lower Upper

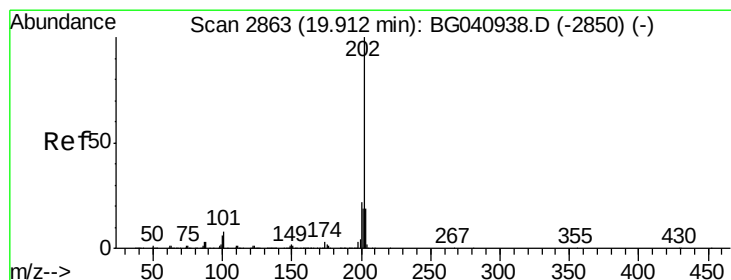
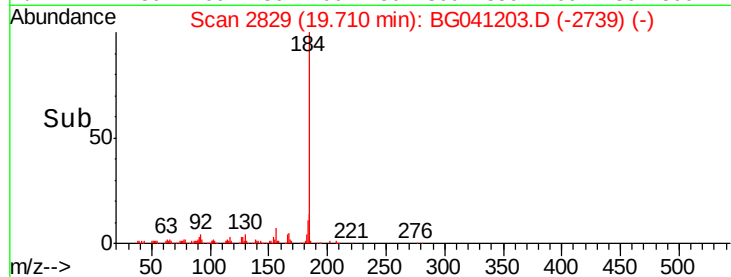
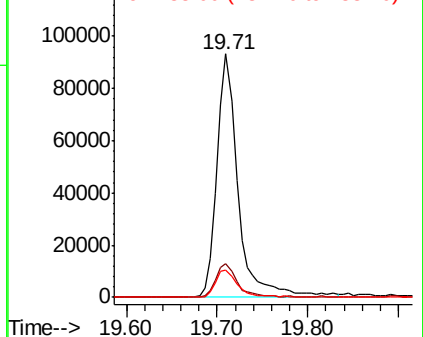
184 100

185 14.0 13.3 19.9

183 11.3 10.7 16.1



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



#78

Pyrene

Concen: 47.423 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

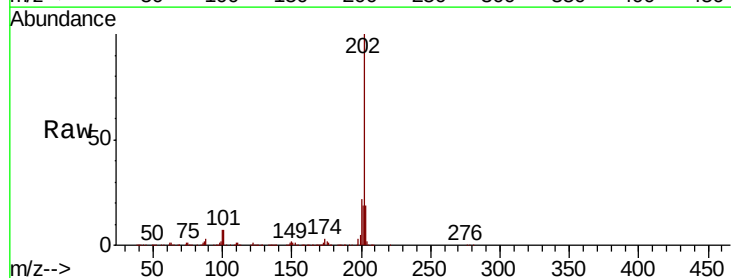
Tgt Ion:202 Resp: 948170

Ion Ratio Lower Upper

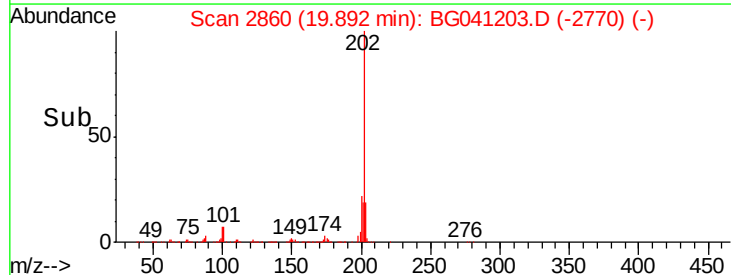
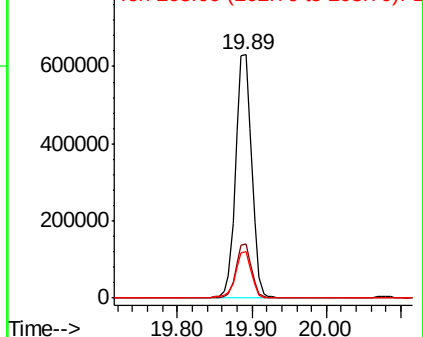
202 100

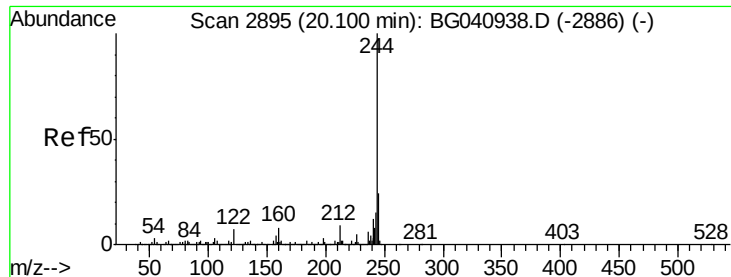
200 22.2 17.5 26.3

203 19.0 15.6 23.4



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: 98.003 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

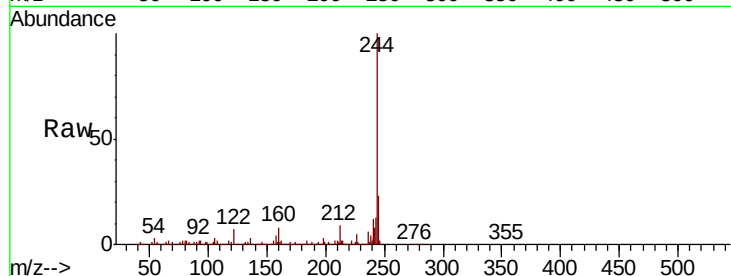
Tgt Ion:244 Resp: 1420251

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

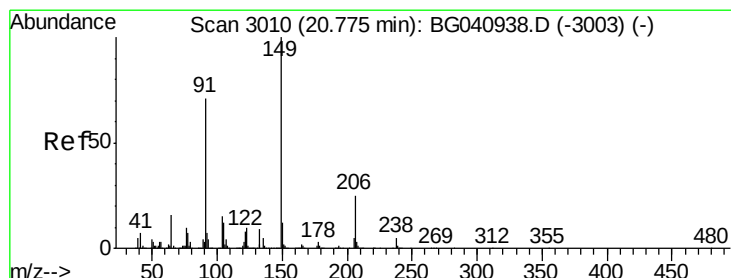
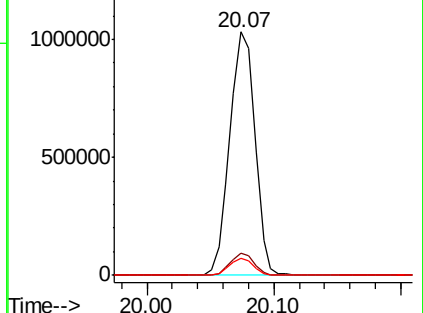
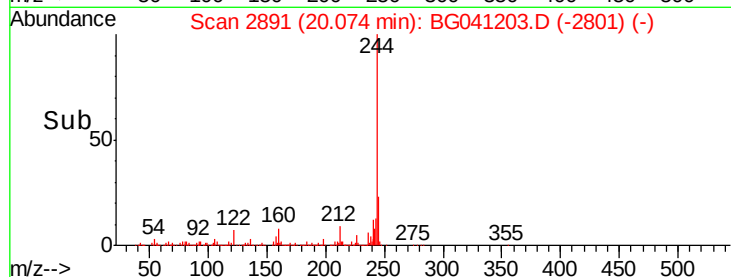
122 7.3 5.4 8.0



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: 45.702 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

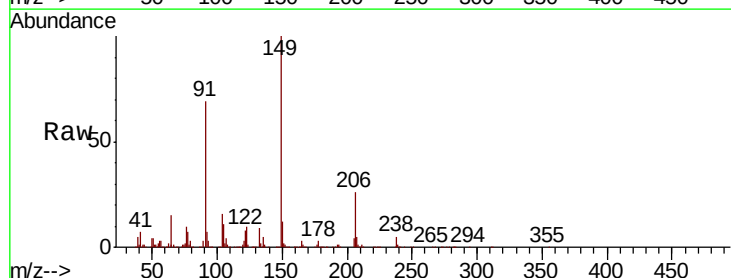
Tgt Ion:149 Resp: 355597

Ion Ratio Lower Upper

149 100

91 69.0 56.5 84.7

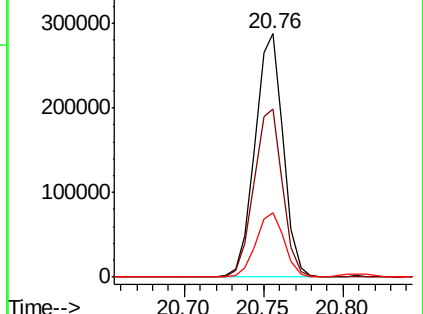
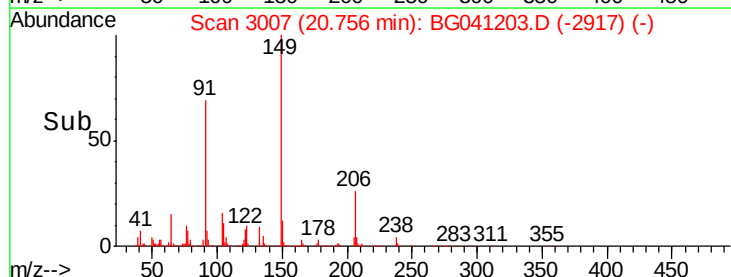
206 26.4 20.3 30.5

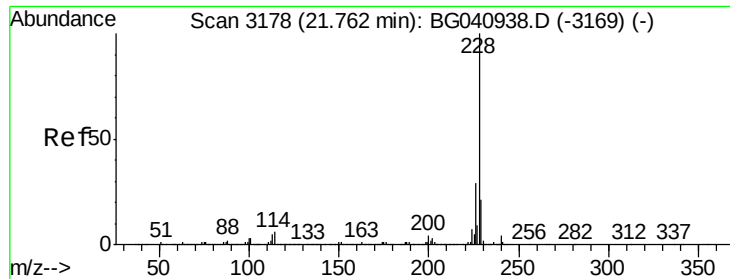


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.649 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

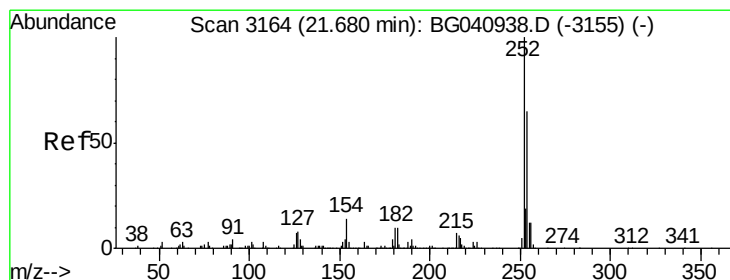
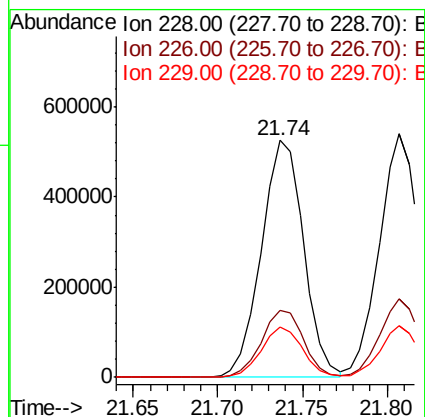
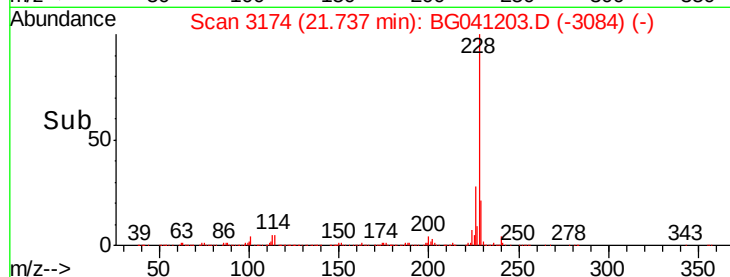
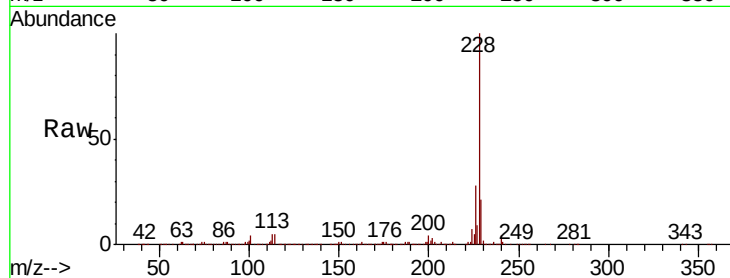
Tgt Ion:228 Resp: 914132

Ion Ratio Lower Upper

228 100

226 28.4 23.5 35.3

229 21.1 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 23.711 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

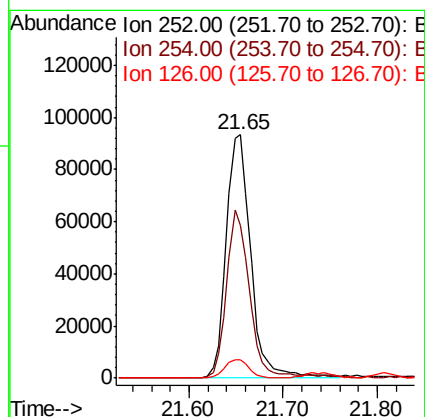
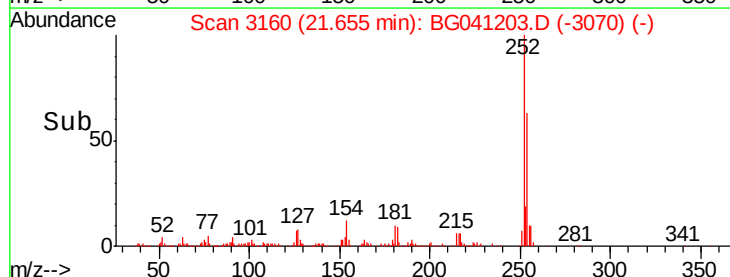
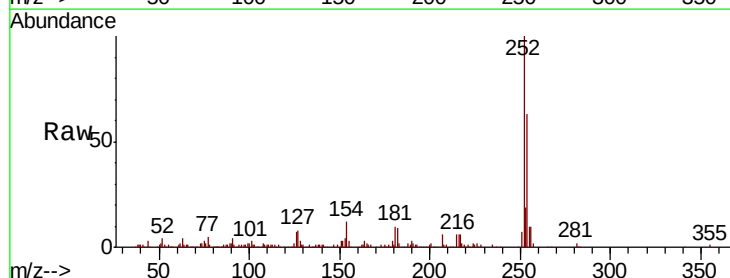
Tgt Ion:252 Resp: 170745

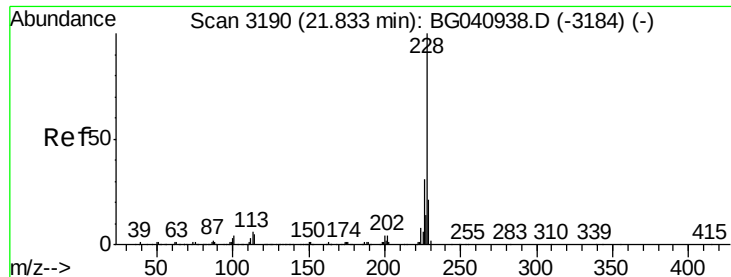
Ion Ratio Lower Upper

252 100

254 62.9 52.1 78.1

126 7.4 5.5 8.3





#83

Chrysene

Concen: 45.374 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

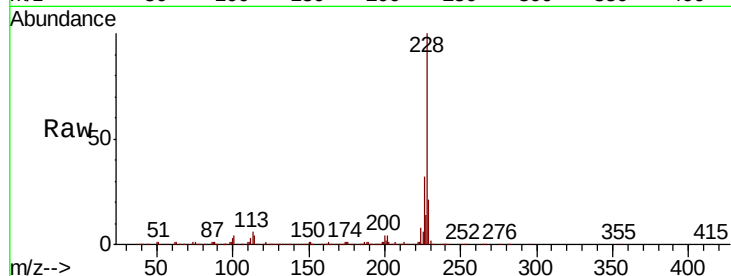
Tgt Ion:228 Resp: 888991

Ion Ratio Lower Upper

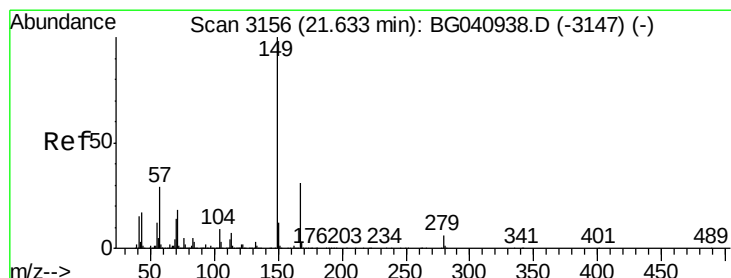
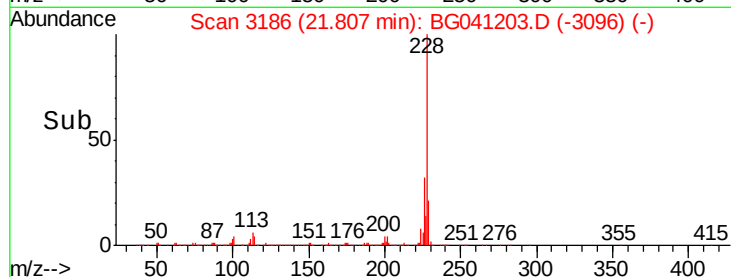
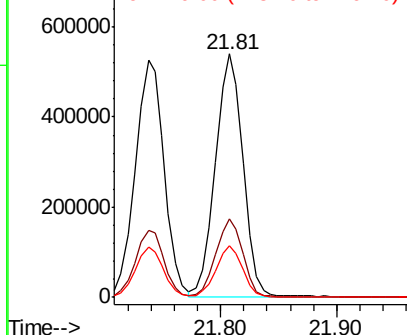
228 100

226 32.5 24.6 37.0

229 21.0 16.6 24.8



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: 45.273 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

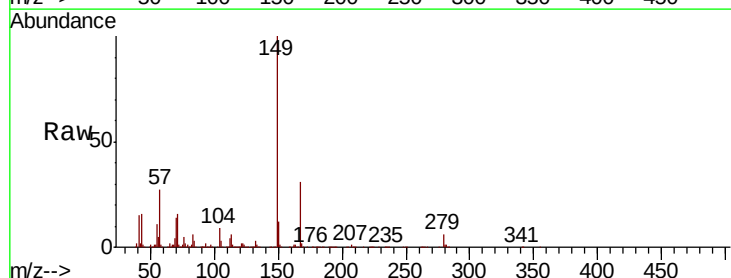
Tgt Ion:149 Resp: 495878

Ion Ratio Lower Upper

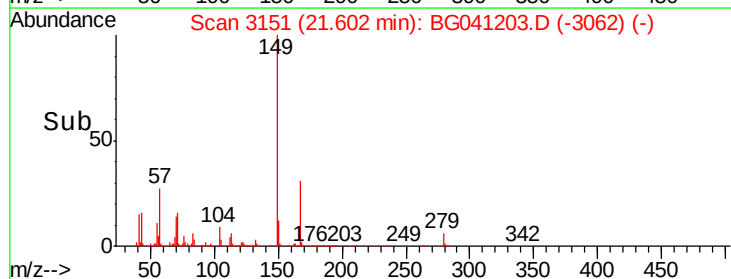
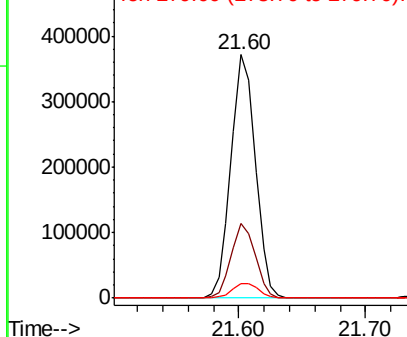
149 100

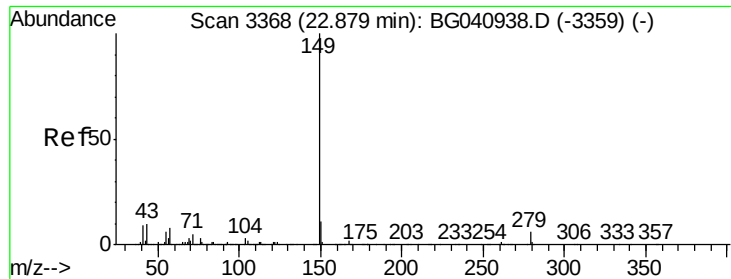
167 30.7 24.6 37.0

279 6.2 5.0 7.6



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

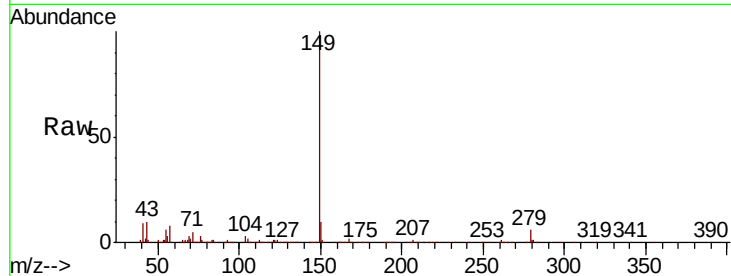




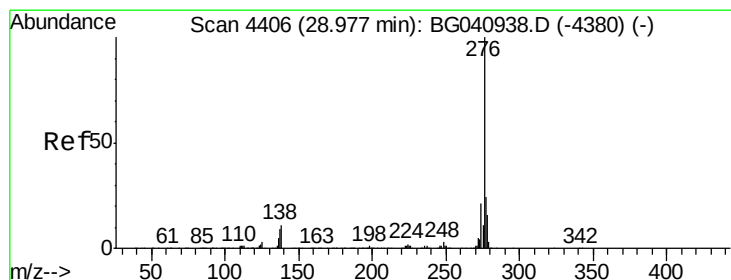
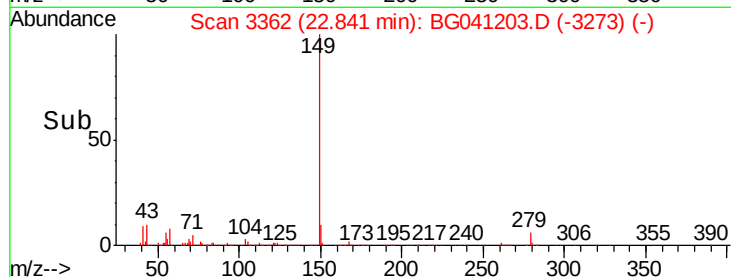
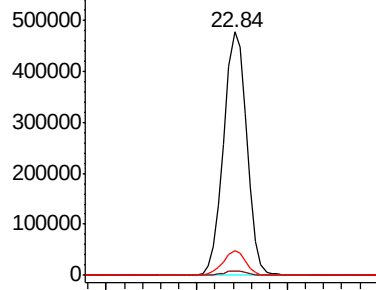
#85
Di-n-octyl phthalate
Concen: 46.340 ng
RT: 22.84 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB120526BS

Tgt Ion:149 Resp: 845318
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.8 8.1 12.1

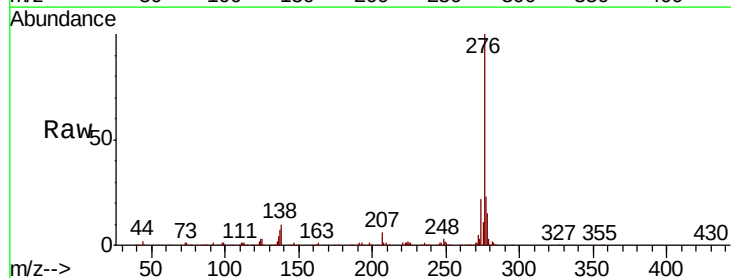


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

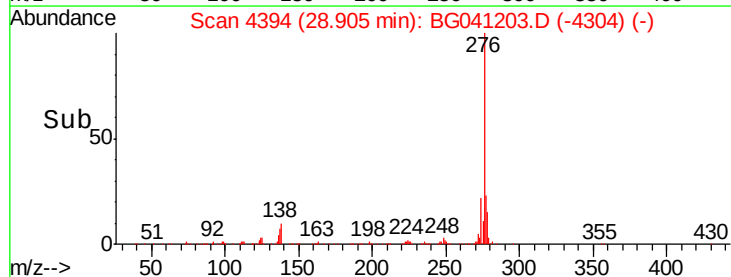
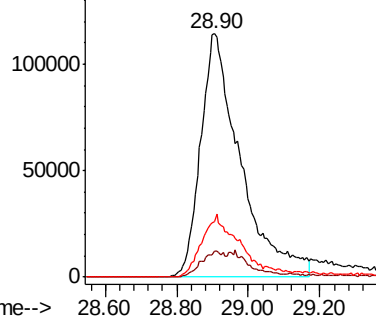


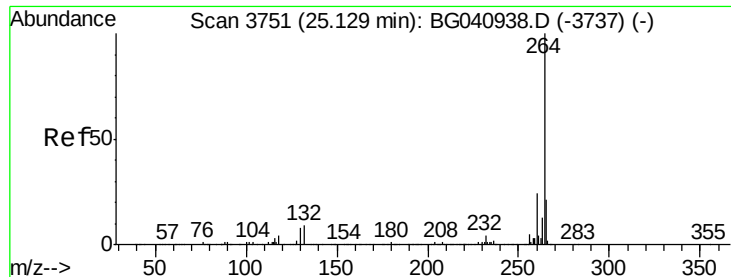
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.824 ng
RT: 28.90 min Scan# 4394
Delta R.T. 0.00 min
Lab File: BG041203.D
Acq: 12 Jun 2019 13:07

Tgt Ion:276 Resp: 883779
Ion Ratio Lower Upper
276 100
138 6.4 5.7 8.5
277 23.0 20.8 31.2



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

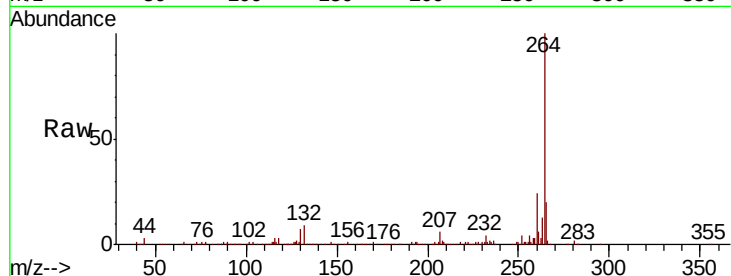
Tgt Ion:264 Resp: 306522

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

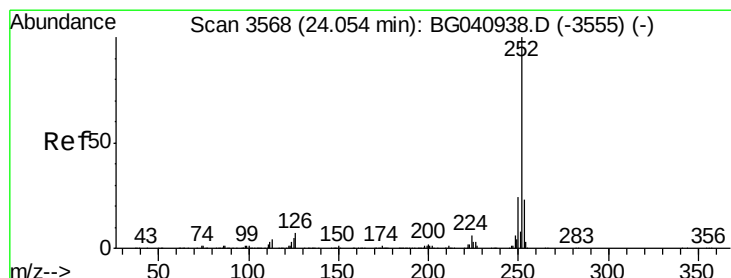
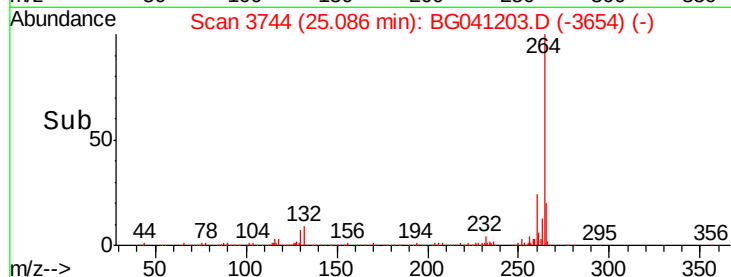
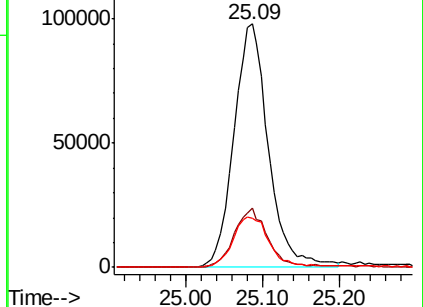
265 20.2 17.0 25.4



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: 49.484 ng

RT: 24.02 min Scan# 3562

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

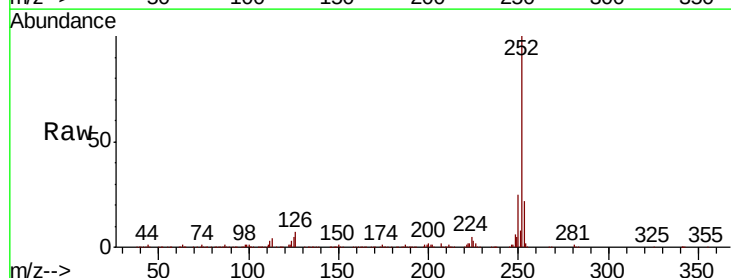
Tgt Ion:252 Resp: 919996

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

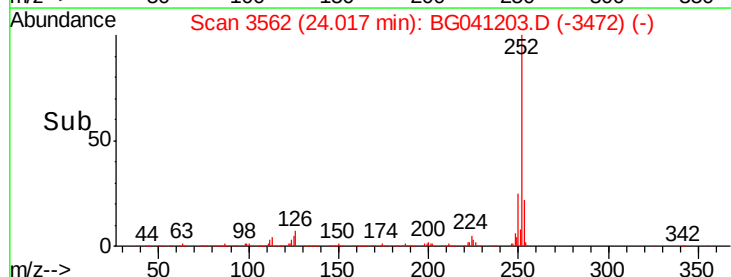
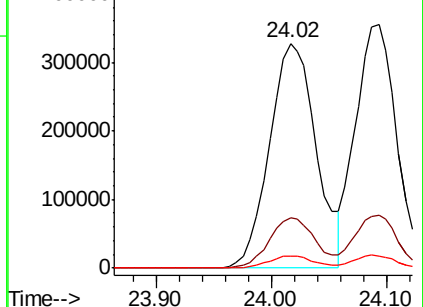
125 5.1 4.3 6.5

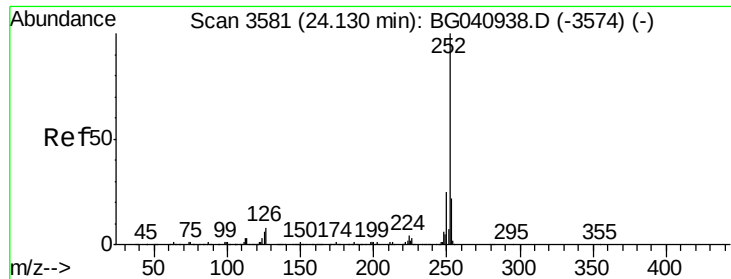


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.997 ng

RT: 24.09 min Scan# 3575

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

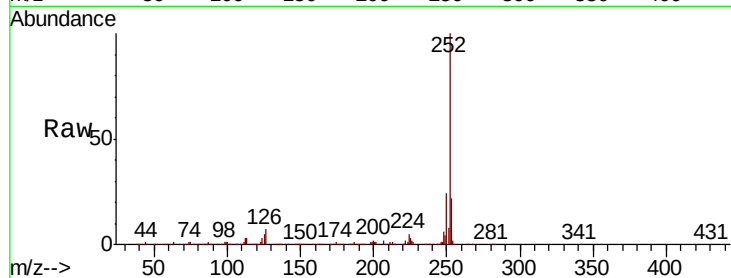
Tgt Ion:252 Resp: 901439

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

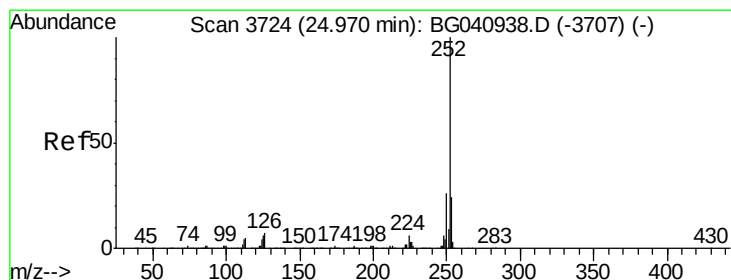
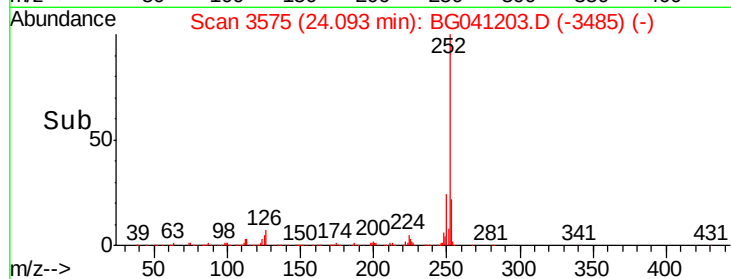
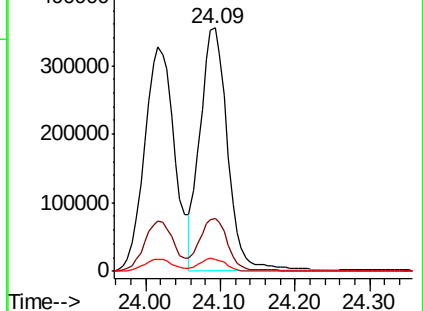
125 5.0 4.7 7.1



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: 48.919 ng

RT: 24.93 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

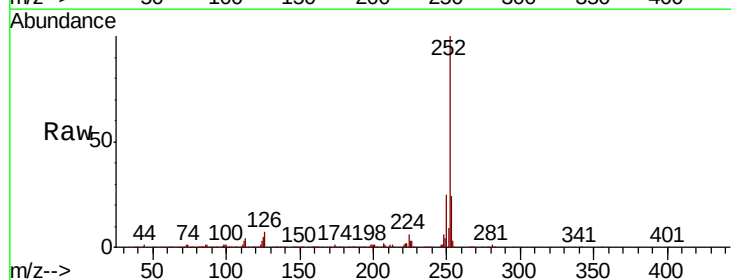
Tgt Ion:252 Resp: 867708

Ion Ratio Lower Upper

252 100

253 23.6 19.5 29.3

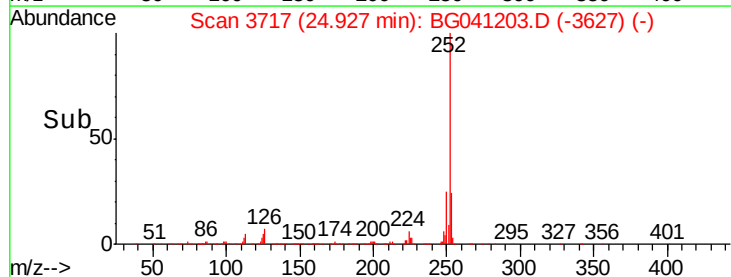
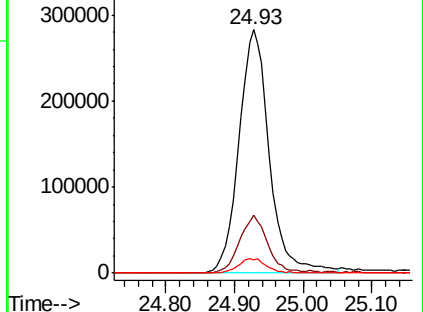
125 5.2 5.1 7.7

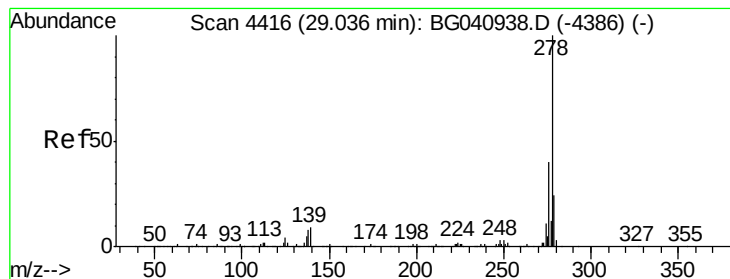


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.541 ng

RT: 28.97 min Scan# 4405

Delta R.T. 0.01 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

Instrument :

BNA_G

ClientSampleId :

PB120526BS

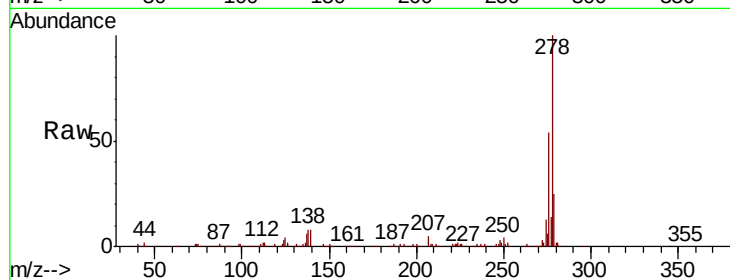
Tgt Ion:278 Resp: 718543

Ion Ratio Lower Upper

278 100

139 8.4 7.1 10.7

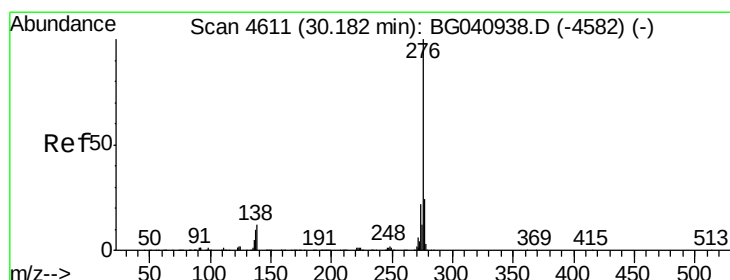
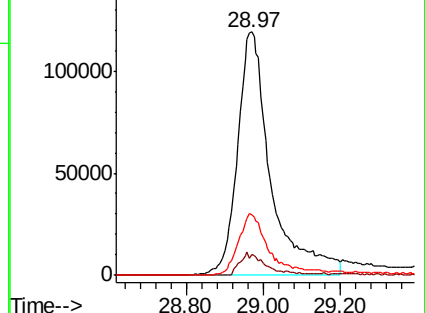
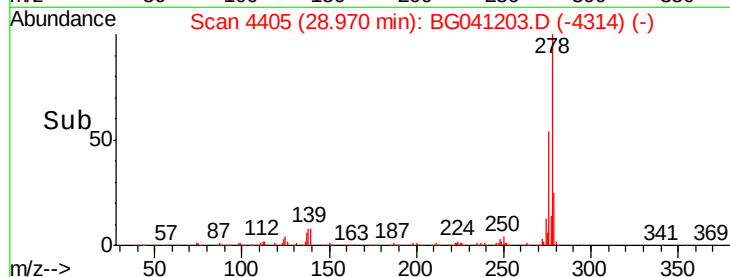
279 25.0 19.4 29.2



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: 36.298 ng

RT: 30.12 min Scan# 4600

Delta R.T. 0.00 min

Lab File: BG041203.D

Acq: 12 Jun 2019 13:07

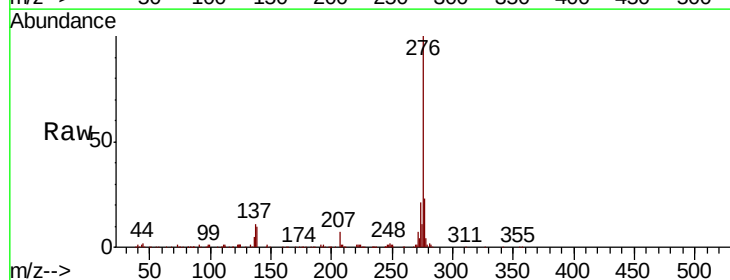
Tgt Ion:276 Resp: 625013

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.0

138 10.0 9.7 14.5



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

