

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041584.D
 Acq On : 3 Jul 2019 10:45
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 13:07:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	24692	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	89767	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	61733	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	168009	20.00	ng	0.00
76) Chrysene-d12	21.70	240	205006	20.00	ng	0.00
87) Perylene-d12	24.98	264	224743	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	108075	78.03	ng	0.00
7) Phenol-d6	7.19	99	144454	74.09	ng	0.00
23) Nitrobenzene-d5	9.21	82	169401	78.71	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	83718	79.43	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	382568	79.53	ng	0.00
79) Terphenyl-d14	20.02	244	734703	76.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	23833	38.015	ng	97
3) Pyridine	3.83	79	60347	37.938	ng	96
4) n-Nitrosodimethylamine	3.75	42	34483	38.957	ng	94
6) Aniline	7.36	93	92983	36.999	ng	91
8) 2-Chlorophenol	7.59	128	57541	37.046	ng	93
9) Benzaldehyde	7.17	77	40986	34.810	ng	93
10) Phenol	7.22	94	73287	37.297	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	56271	36.111	ng	99
12) 1,3-Dichlorobenzene	7.91	146	77074	38.359	ng	98
13) 1,4-Dichlorobenzene	8.07	146	79280	39.140	ng	96
14) 1,2-Dichlorobenzene	8.38	146	75128	38.738	ng	97
15) Benzyl Alcohol	8.28	79	58026	37.372	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	72799	33.268	ng	96
17) 2-Methylphenol	8.47	107	53227	37.212	ng	97
18) Hexachloroethane	9.11	117	29897	37.408	ng	85
19) n-Nitroso-di-n-propylamine	8.83	70	50690	34.856	ng	99
20) 3+4-Methylphenols	8.81	107	69936	36.684	ng	97
22) Acetophenone	8.87	105	102191	37.952	ng	# 96
24) Nitrobenzene	9.25	77	82517	38.195	ng	99
25) Isophorone	9.77	82	140360	36.323	ng	99
26) 2-Nitrophenol	9.97	139	33374	36.990	ng	97
27) 2,4-Dimethylphenol	10.01	122	47780	38.050	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	74197	36.311	ng	98
29) 2,4-Dichlorophenol	10.51	162	66920	39.455	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	87109	40.071	ng	94
31) Naphthalene	10.90	128	191315	38.538	ng	98
32) Benzoic acid	10.15	122	8856	18.854	ng	# 83
33) 4-Chloroaniline	11.02	127	78264	37.452	ng	98
34) Hexachlorobutadiene	11.16	225	71358	41.353	ng	97
35) Caprolactam	11.82	113	19190	36.235	ng	97
36) 4-Chloro-3-methylphenol	12.14	107	66206	36.026	ng	98
37) 2-Methylnaphthalene	12.50	142	135915	37.059	ng	99
38) 1-Methylnaphthalene	12.72	142	128477	36.719	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	110354	40.596	ng	100

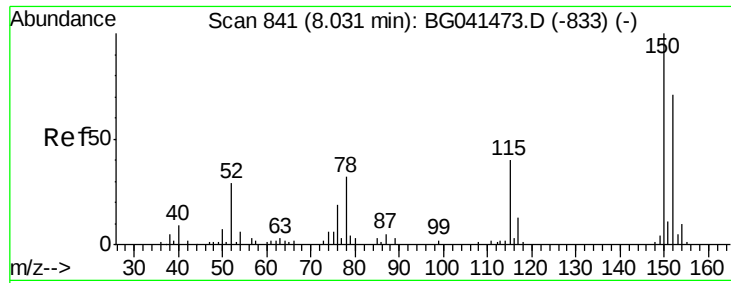
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041584.D
 Acq On : 3 Jul 2019 10:45
 Operator : HP/JU
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	48413	34.976	ng	93
43) 2,4,6-Trichlorophenol	13.11	196	63397	39.309	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	62540	38.923	ng	98
46) 1,1'-Biphenyl	13.51	154	189823	38.953	ng	99
47) 2-Chloronaphthalene	13.55	162	166055	39.691	ng	99
48) 2-Nitroaniline	13.77	65	52389	36.939	ng	# 87
49) Acenaphthylene	14.40	152	242420	38.766	ng	99
50) Dimethylphthalate	14.12	163	215804	38.414	ng	98
51) 2,6-Dinitrotoluene	14.26	165	46177	38.733	ng	92
52) Acenaphthene	14.74	154	142010	38.295	ng	98
53) 3-Nitroaniline	14.60	138	41701	36.640	ng	95
54) 2,4-Dinitrophenol	14.84	184	7032	15.969	ng	# 80
55) Dibenzofuran	15.07	168	253395	39.251	ng	99
56) 4-Nitrophenol	14.92	139	25460	34.663	ng	83
57) 2,4-Dinitrotoluene	15.05	165	67436	38.991	ng	# 98
58) Fluorene	15.72	166	202934	39.513	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	63672	37.590	ng	95
60) Diethylphthalate	15.48	149	217552	37.832	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	130372	39.355	ng	99
62) 4-Nitroaniline	15.76	138	42510	38.324	ng	93
63) Azobenzene	16.00	77	183055	37.756	ng	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	24687	23.725	ng	93
66) n-Nitrosodiphenylamine	15.93	169	172116	37.223	ng	94
67) 4-Bromophenyl-phenylether	16.60	248	89323	38.905	ng	96
68) Hexachlorobenzene	16.72	284	98052	39.638	ng	98
69) Atrazine	16.87	200	69734	35.628	ng	93
70) Pentachlorophenol	17.08	266	36250	32.341	ng	94
71) Phenanthrene	17.47	178	363778	39.299	ng	98
72) Anthracene	17.56	178	362204	39.107	ng	99
73) Carbazole	17.84	167	313625	39.833	ng	98
74) Di-n-butylphthalate	18.36	149	383148	38.718	ng	98
75) Fluoranthene	19.48	202	510015	41.325	ng	99
77) Benzidine	19.66	184	164242	36.108	ng	98
78) Pyrene	19.84	202	524118	37.450	ng	99
80) Butylbenzylphthalate	20.70	149	187195	35.815	ng	97
81) Benzo(a)anthracene	21.68	228	556312	39.032	ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	195813	39.675	ng	100
83) Chrysene	21.75	228	547058	39.654	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	269006	36.304	ng	100
85) Di-n-octyl phthalate	22.76	149	462839	36.911	ng	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	654153	39.158	ng	# 99
88) Benzo(b)fluoranthene	23.93	252	561083	39.142	ng	99
89) Benzo(k)fluoranthene	24.00	252	544840	38.714	ng	99
90) Benzo(a)pyrene	24.83	252	525279	38.583	ng	# 99
91) Dibenzo(a,h)anthracene	28.81	278	535222	39.241	ng	100
92) Benzo(g,h,i)perylene	29.95	276	527352	38.887	ng	98

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

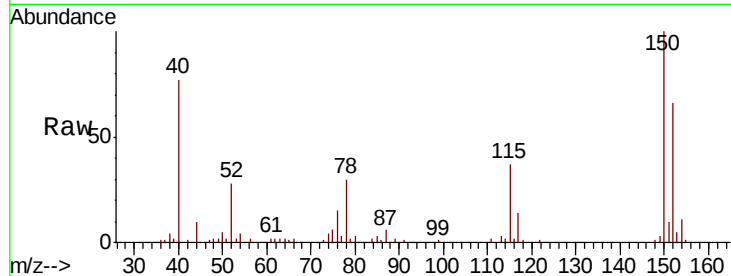


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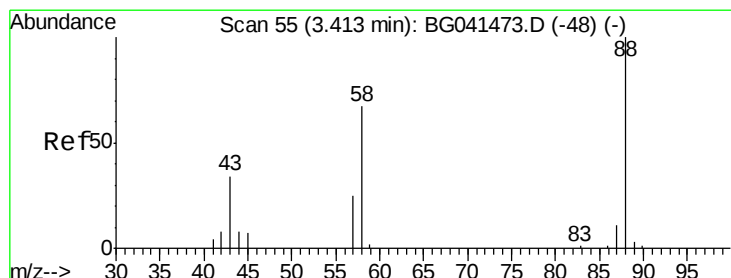
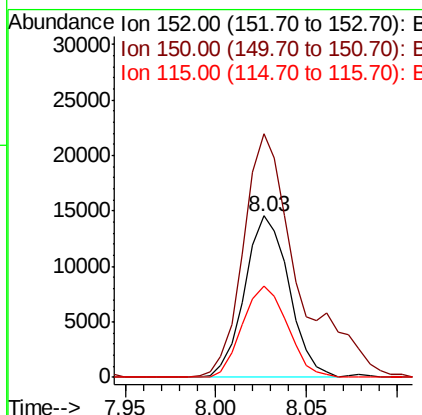
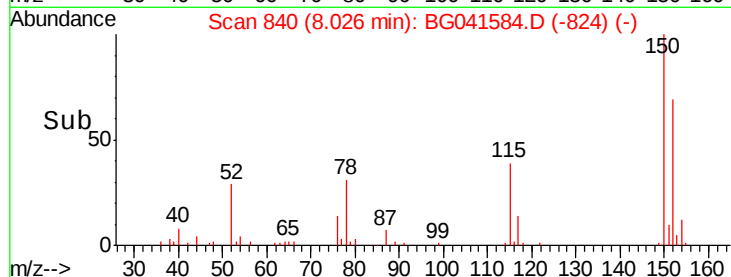
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 24692
Ion Ratio Lower Upper
152 100
150 150.9 112.4 168.6
115 56.5 44.6 66.8



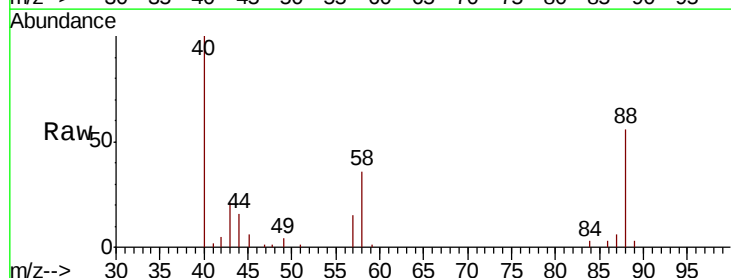
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



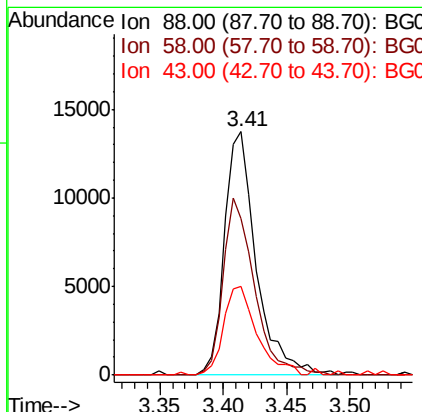
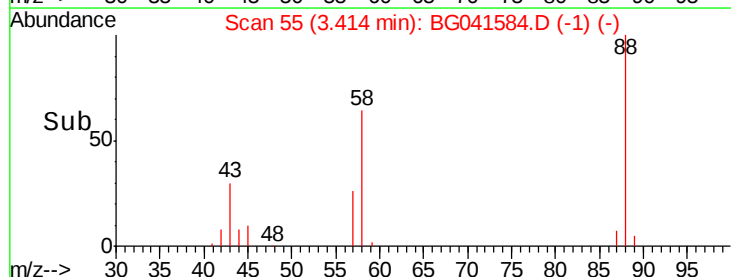
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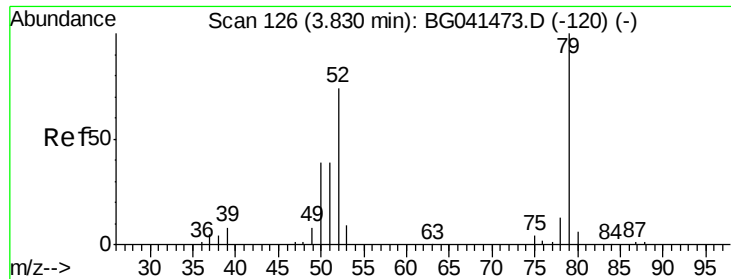
1,4-Dioxane
Concen: 38.015 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion: 88 Resp: 23833
Ion Ratio Lower Upper
88 100
58 71.8 55.8 83.8
43 38.1 27.8 41.8



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





#3

Pvridine

Concen: 37.938 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

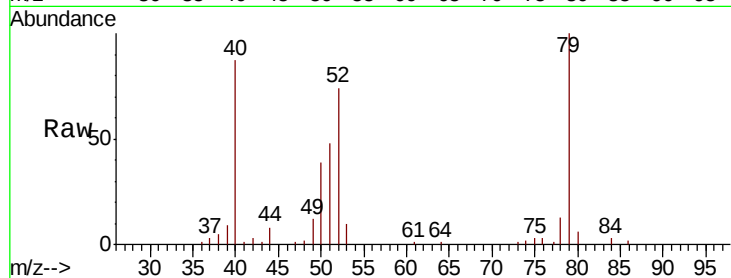
Tot Ion: 79 Resp: 60347

Ion Ratio Lower Upper

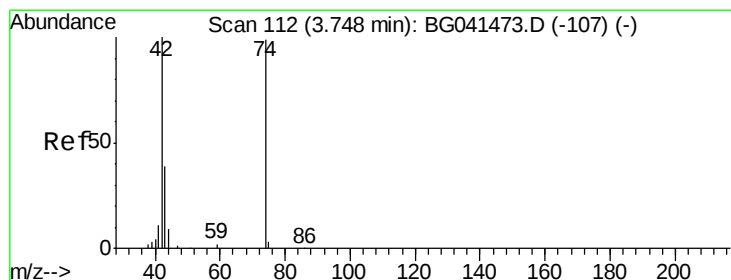
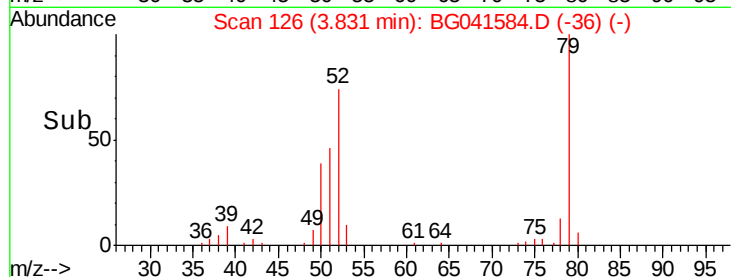
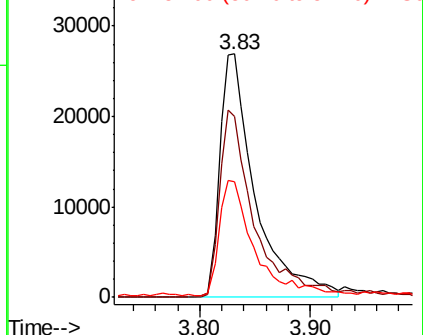
79 100

52 74.1 59.4 89.0

51 47.7 32.3 48.5



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: 38.957 ng

RT: 3.75 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

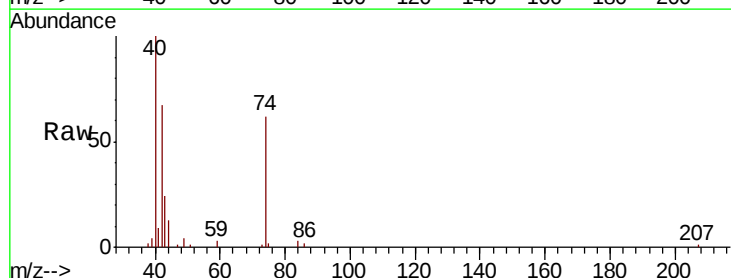
Tgt Ion: 42 Resp: 34483

Ion Ratio Lower Upper

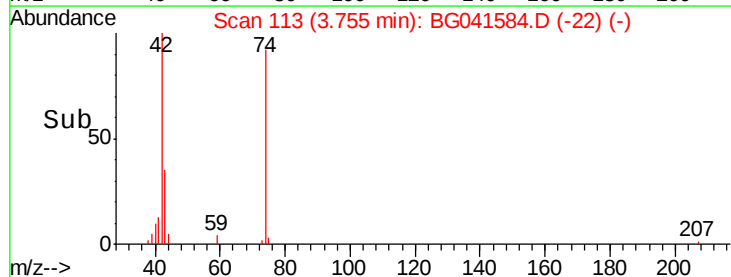
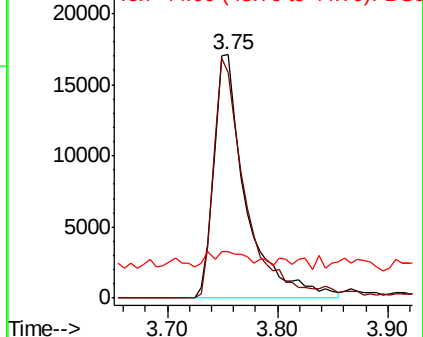
42 100

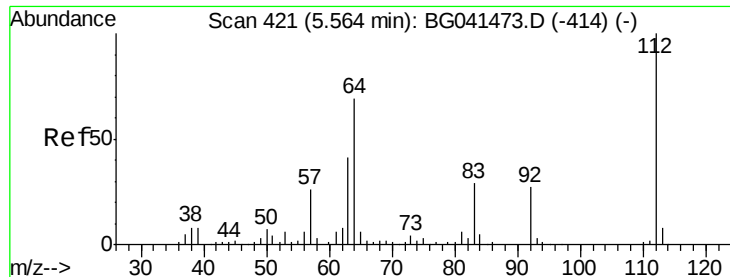
74 92.5 79.5 119.3

44 19.2 14.2 21.2



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: 78.034 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampled :

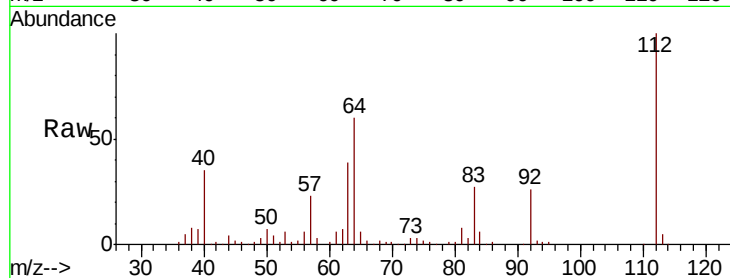
Tot Ion:112 Resp: 108075

Ion Ratio Lower Upper

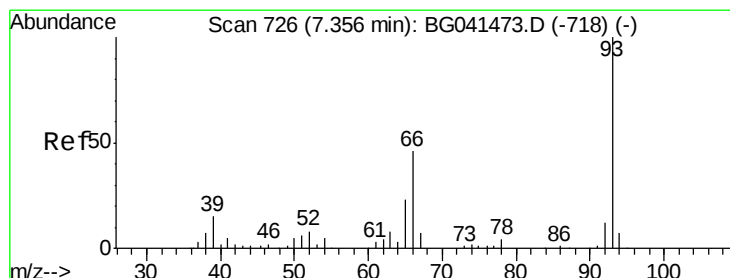
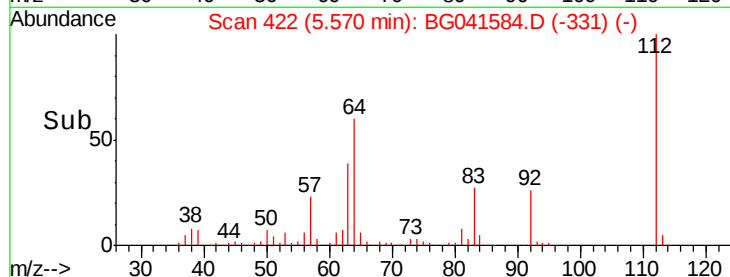
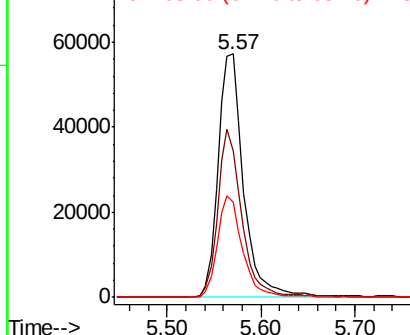
112 100

64 60.1 55.1 82.7

63 38.8 32.4 48.6



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: 36.999 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

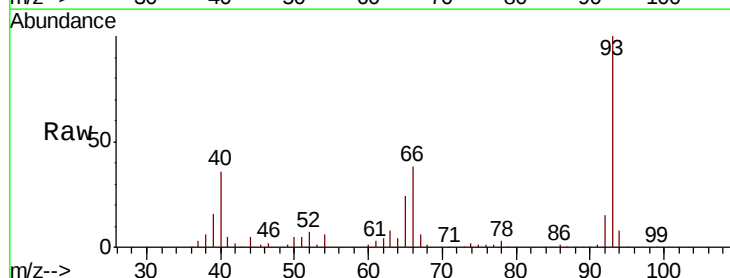
Tgt Ion: 93 Resp: 92983

Ion Ratio Lower Upper

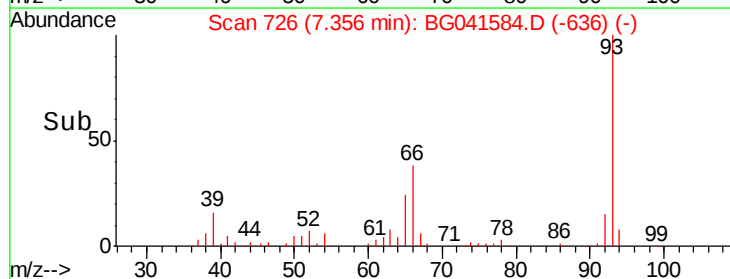
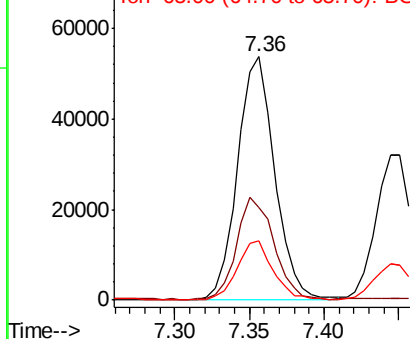
93 100

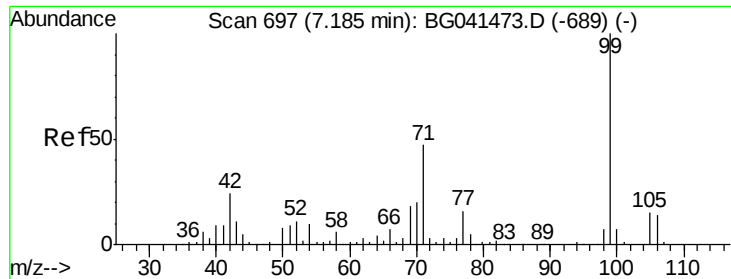
66 38.2 37.4 56.0

65 24.5 18.6 27.8



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: 74.091 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

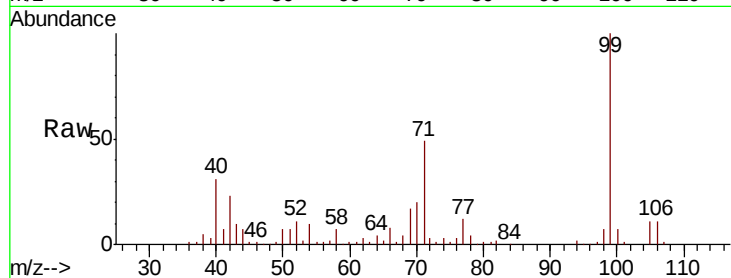
Tot Ion: 99 Resp: 144454

Ion Ratio Lower Upper

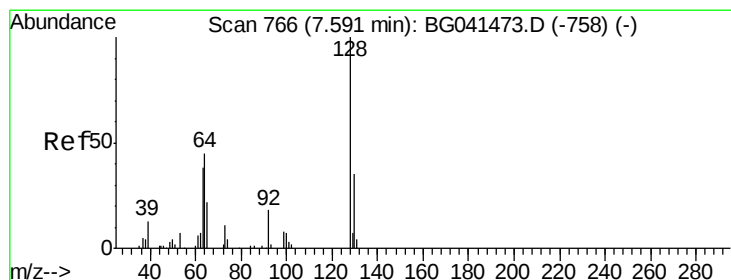
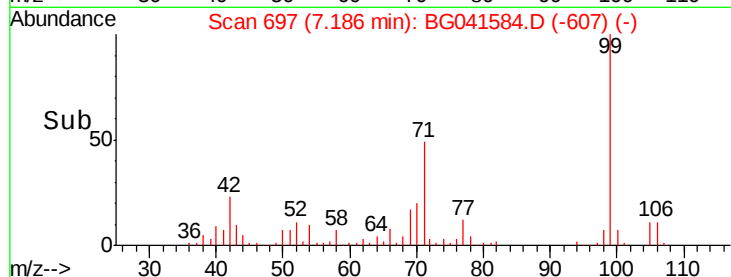
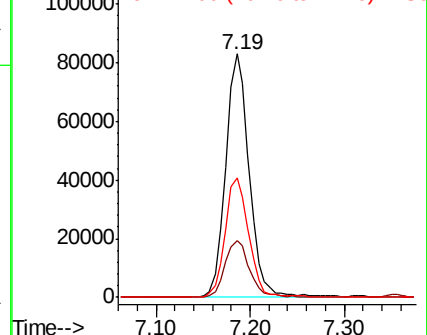
99 100

42 23.1 19.0 28.6

71 49.2 37.4 56.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 37.046 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

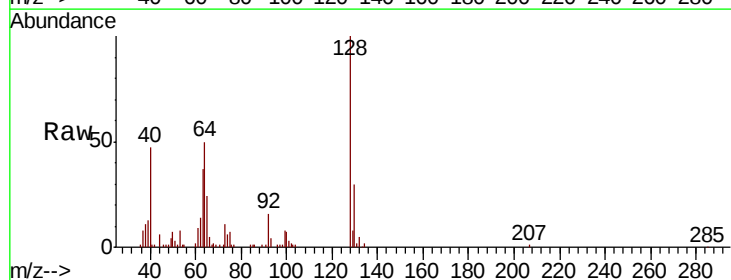
Tgt Ion: 128 Resp: 57541

Ion Ratio Lower Upper

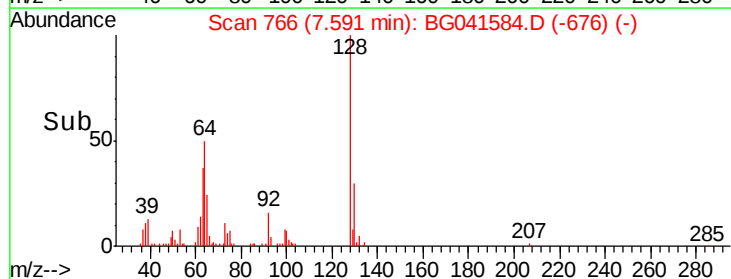
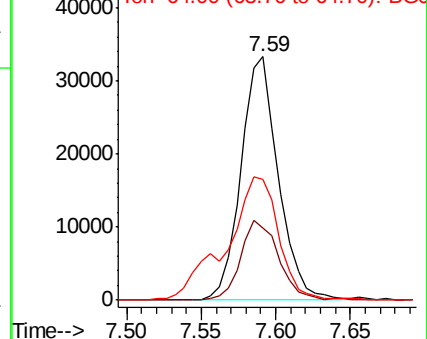
128 100

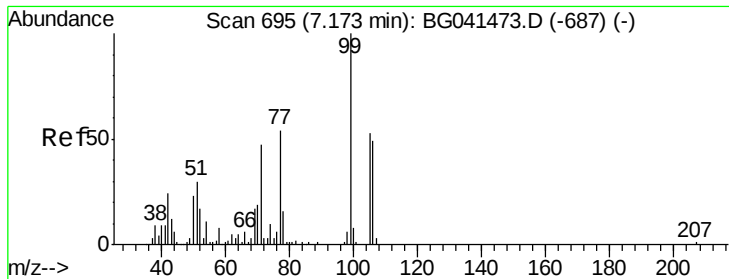
130 29.6 15.0 55.0

64 49.7 33.3 73.3



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: 34.810 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampled :

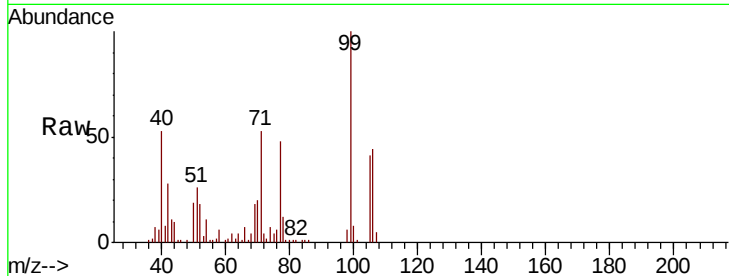
Tot Ion: 77 Resp: 40986

Ion Ratio Lower Upper

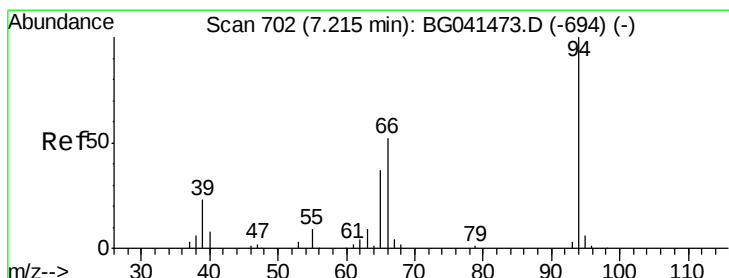
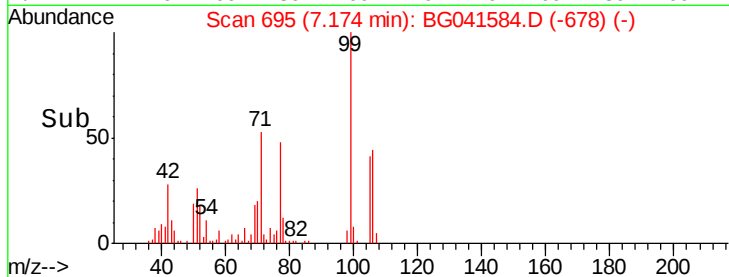
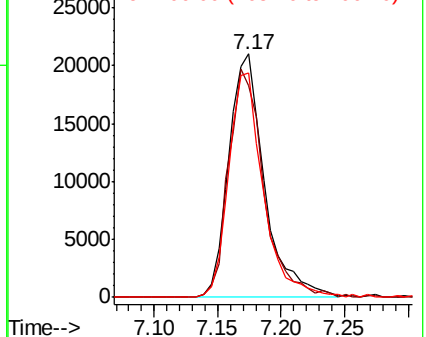
77 100

105 86.7 77.8 117.8

106 91.9 70.1 110.1



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



#10

Phenol

Concen: 37.297 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

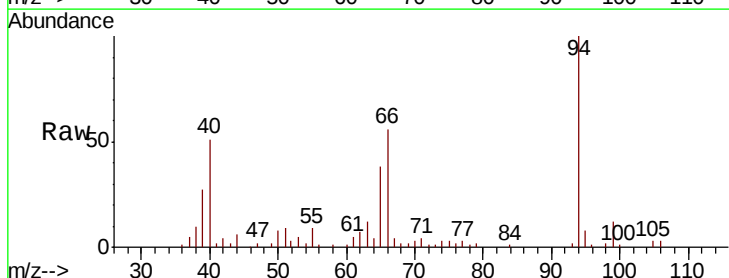
Tgt Ion: 94 Resp: 73287

Ion Ratio Lower Upper

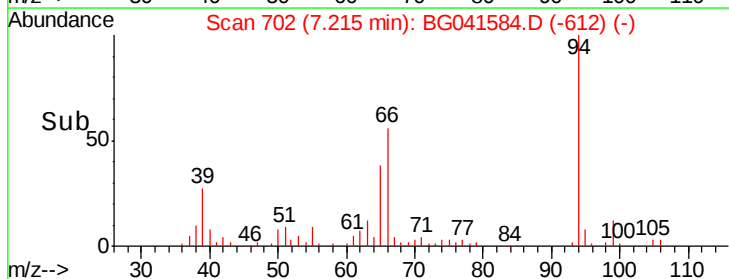
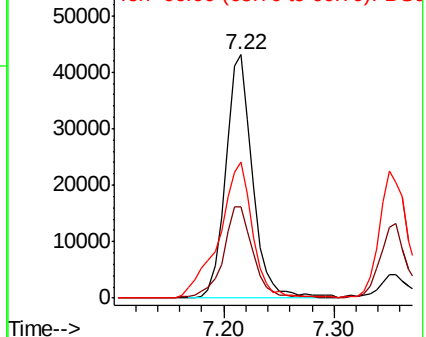
94 100

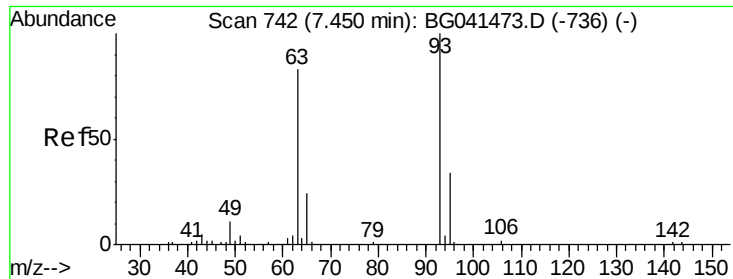
65 37.6 17.9 57.9

66 55.7 34.4 74.4



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



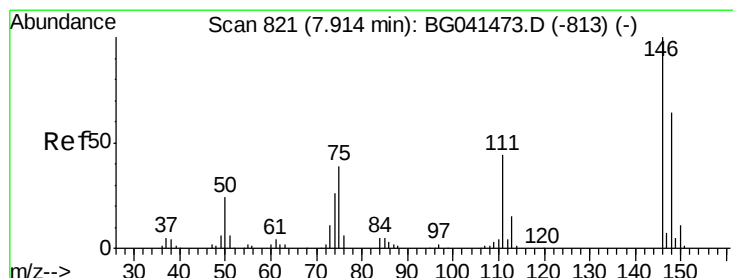
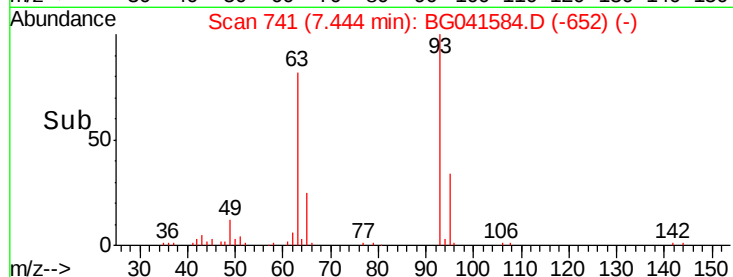
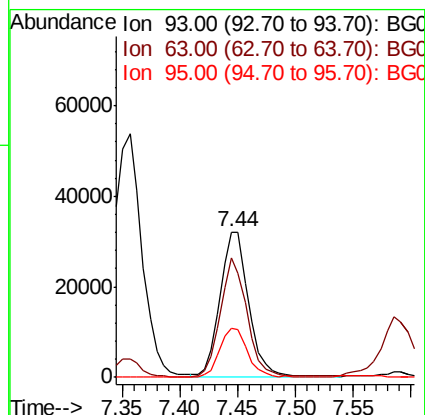
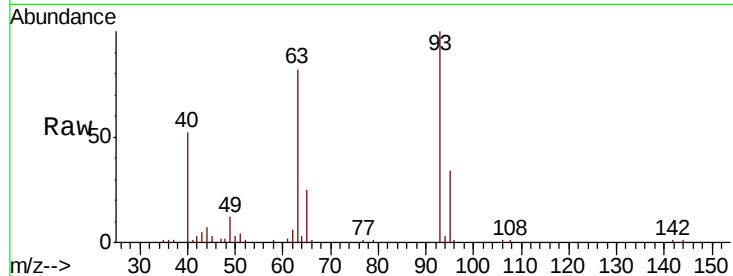


#11

bis(2-Chloroethyl)ether
Concen: 36.111 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :

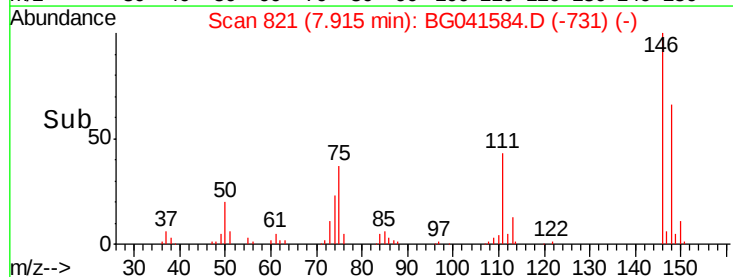
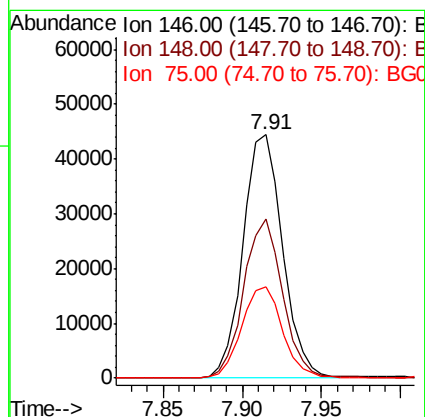
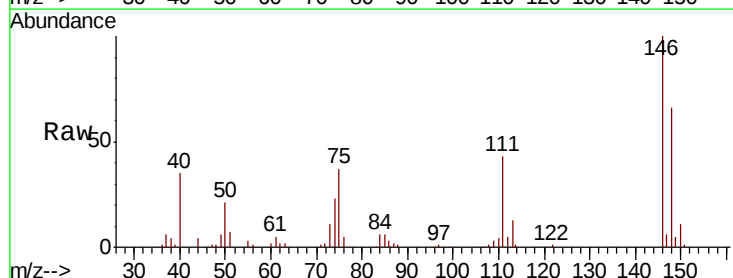
Tot Ion: 93 Resp: 56271
Ion Ratio Lower Upper
93 100
63 82.0 62.0 102.0
95 34.0 13.0 53.0

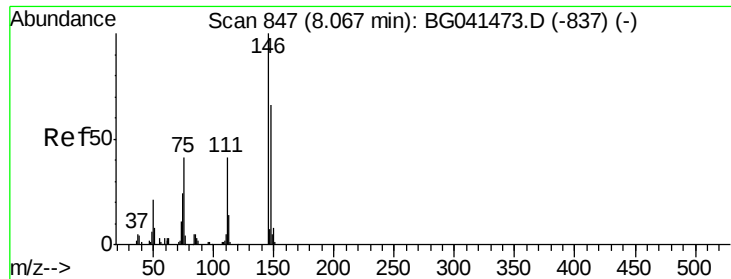


#12

1,3-Dichlorobenzene
Concen: 38.359 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion: 146 Resp: 77074
Ion Ratio Lower Upper
146 100
148 65.6 51.1 76.7
75 37.4 31.0 46.6

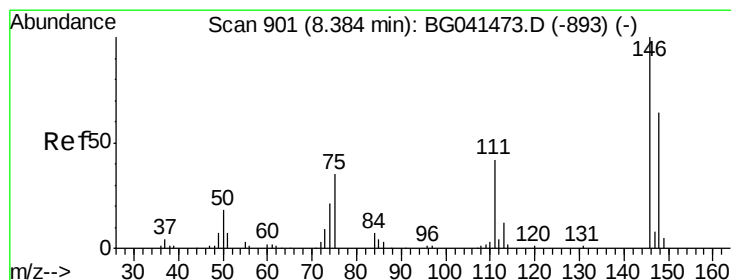
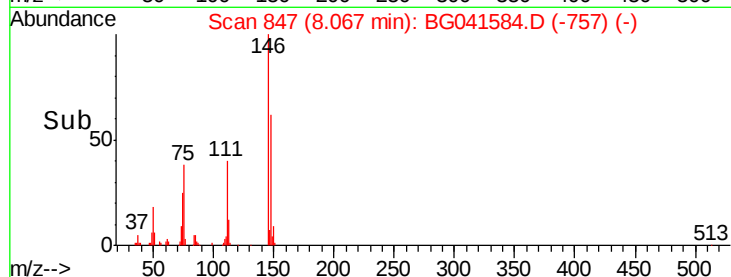
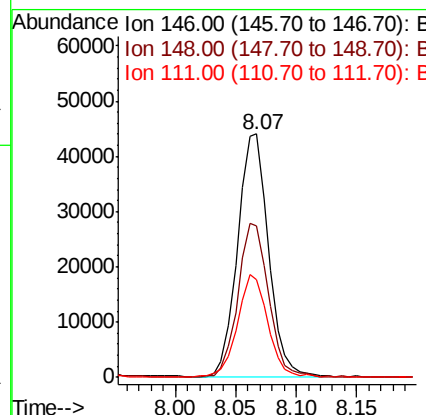
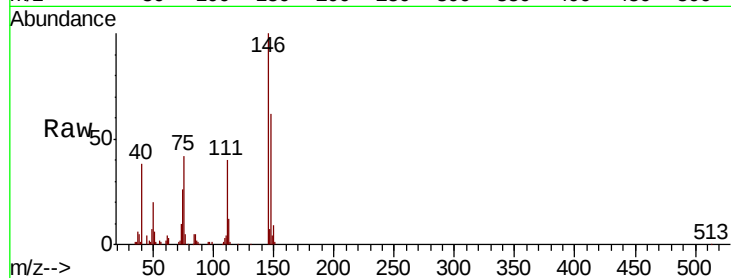




#13
 1,4-Dichlorobenzene
 Concen: 39.140 ng
 RT: 8.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

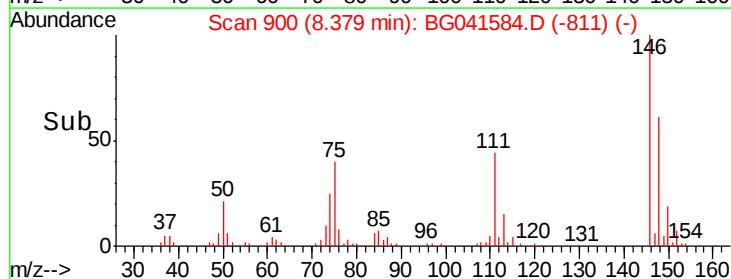
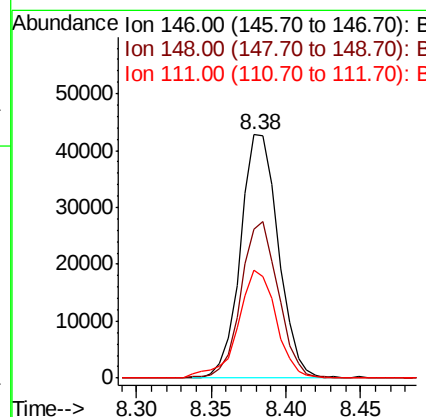
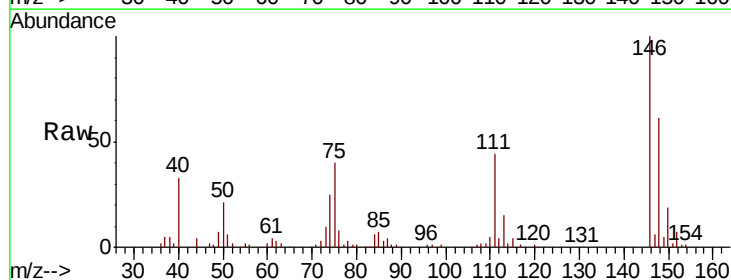
Instrument :
 BNA_G
 ClientSampled :

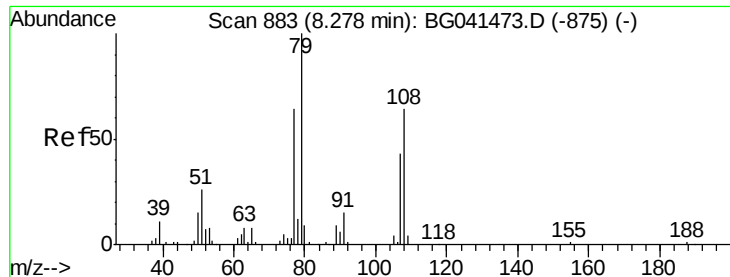
Tot Ion:146 Resp: 79280
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.8 79.2
 111 40.2 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 38.738 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion:146 Resp: 75128
 Ion Ratio Lower Upper
 146 100
 148 61.2 51.3 76.9
 111 44.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 37.372 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

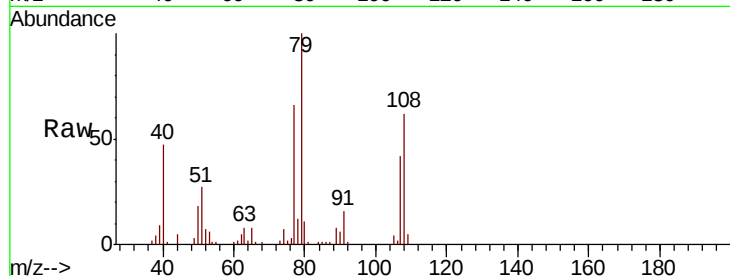
Tot Ion: 79 Resp: 58026

Ion Ratio Lower Upper

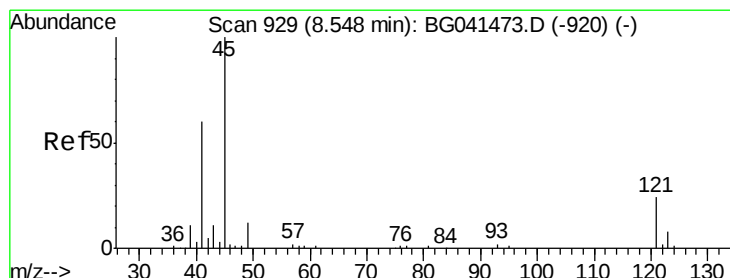
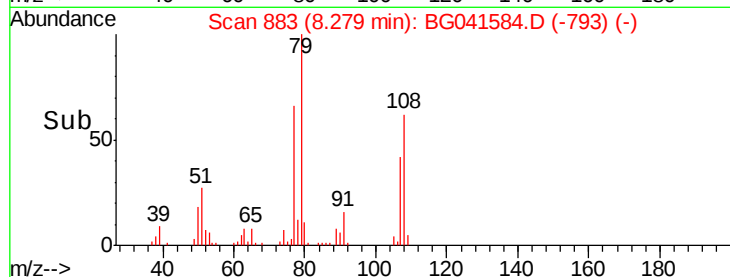
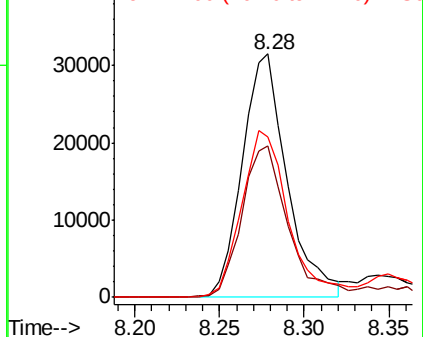
79 100

108 62.3 51.4 77.0

77 65.9 50.8 76.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.268 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

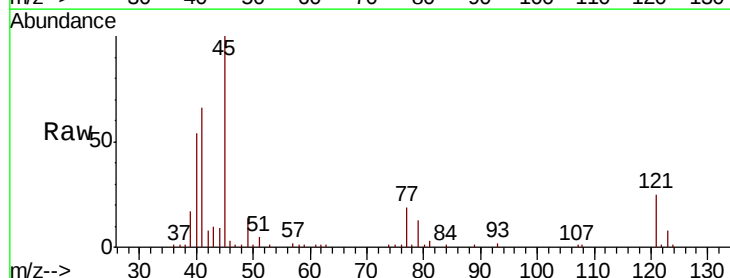
Tgt Ion: 45 Resp: 72799

Ion Ratio Lower Upper

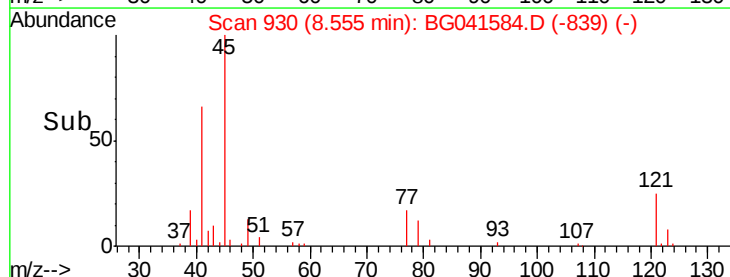
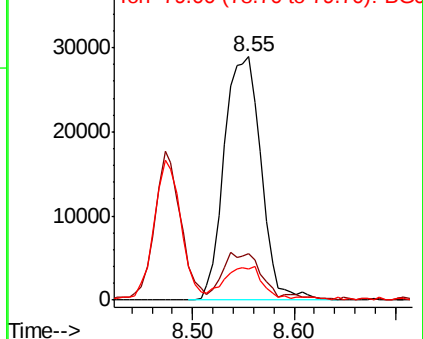
45 100

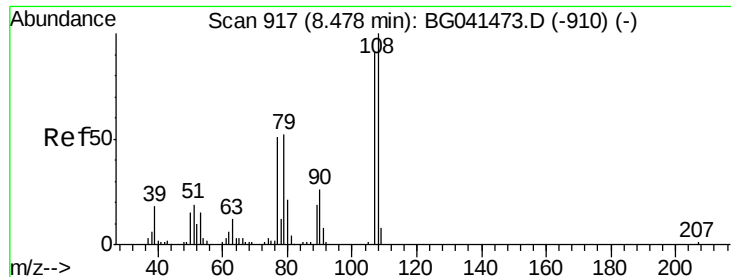
77 19.0 0.0 36.3

79 12.8 0.0 32.4



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

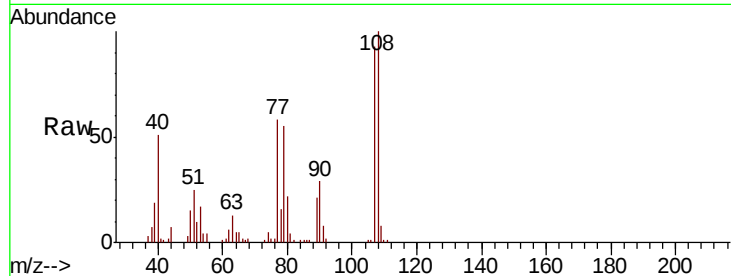




#17
2-Methylphenol
Concen: 37.212 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.9	88.0	132.0
77	63.0	45.3	67.9
79	58.9	47.3	70.9



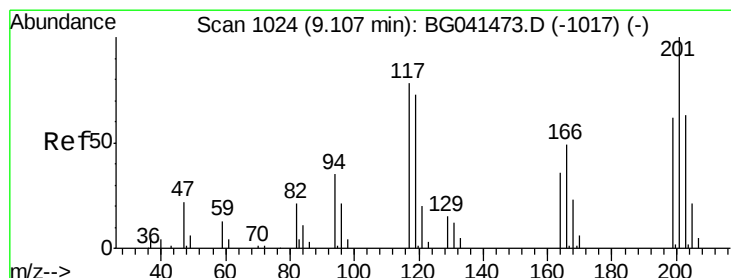
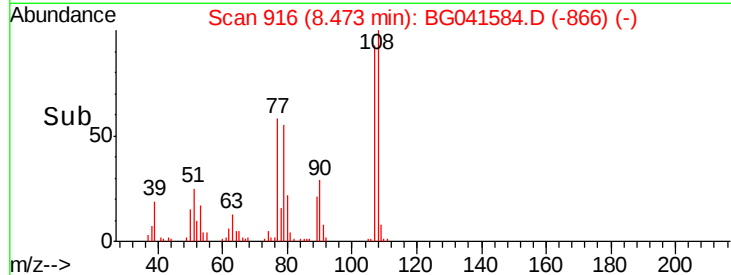
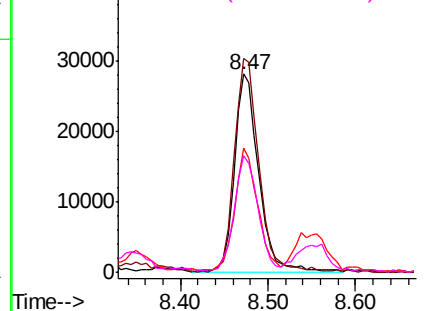
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

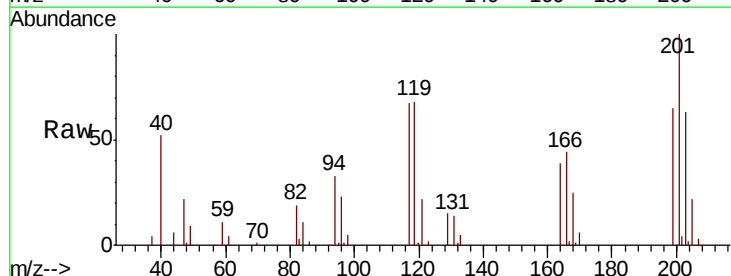
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.408 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.3	74.3	111.5
201	149.8	102.3	153.5

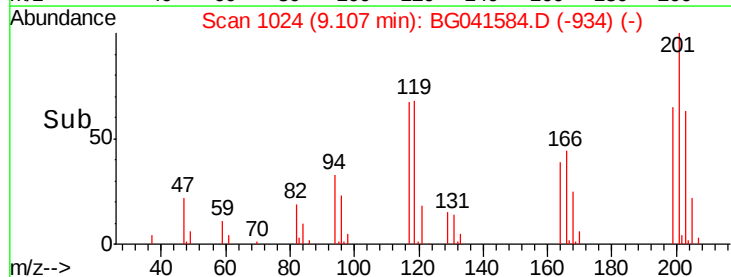
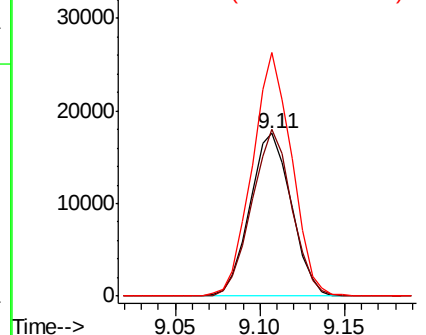


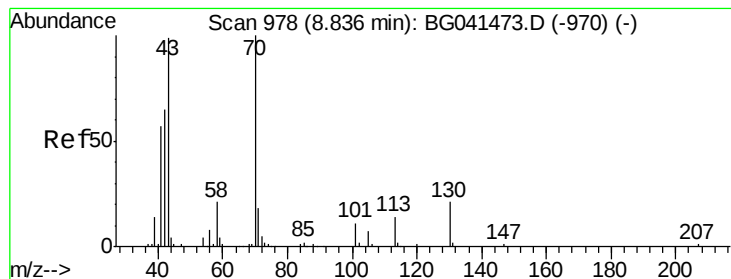
Abundance

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: 34.856 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 50690

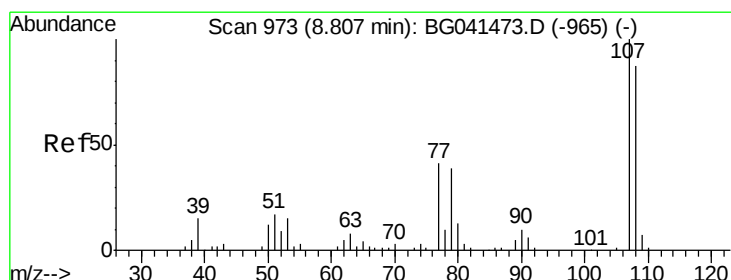
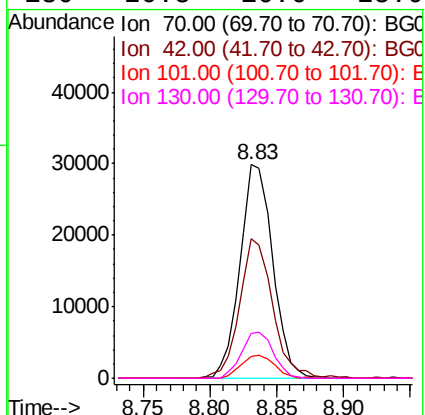
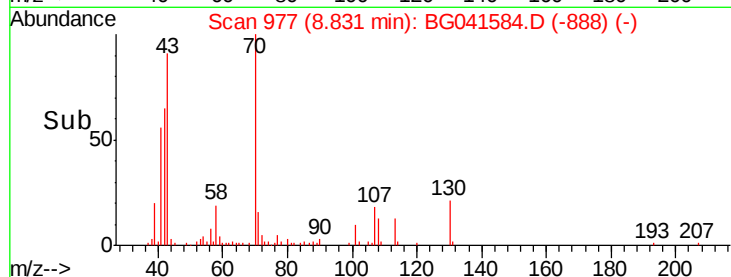
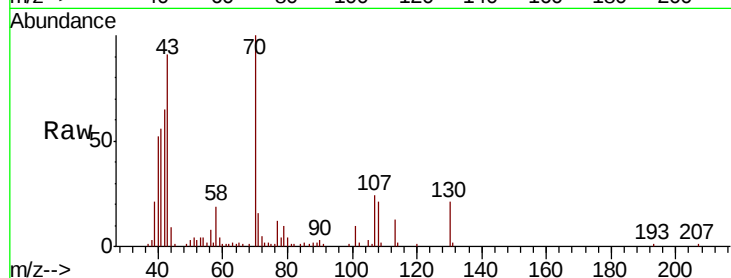
Ion Ratio Lower Upper

70 100

42 65.2 52.6 78.8

101 10.5 8.6 13.0

130 20.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 36.684 ng

RT: 8.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion: 107 Resp: 69936

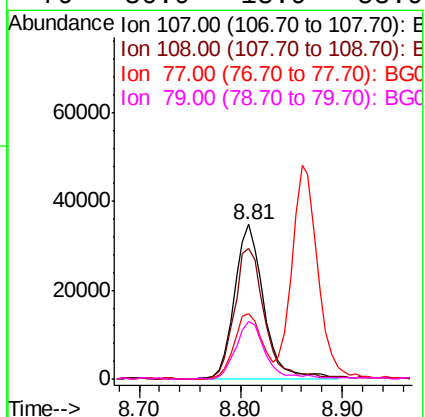
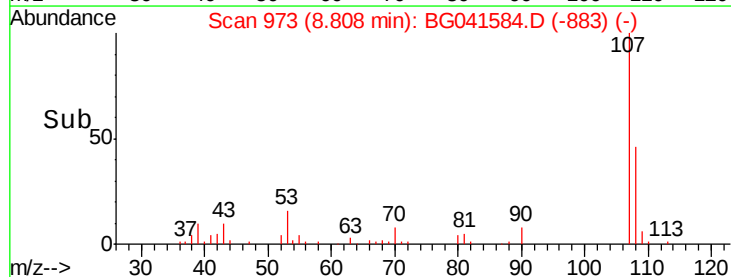
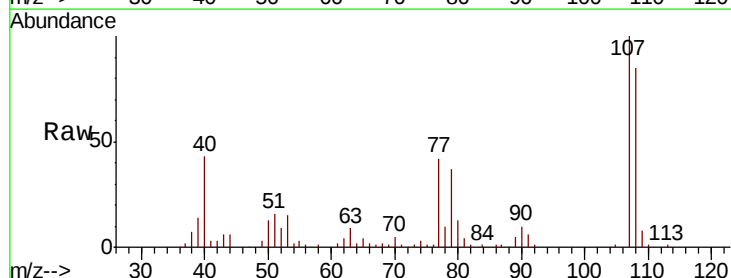
Ion Ratio Lower Upper

107 100

108 84.7 67.0 107.0

77 42.2 20.6 60.6

79 36.9 18.9 58.9

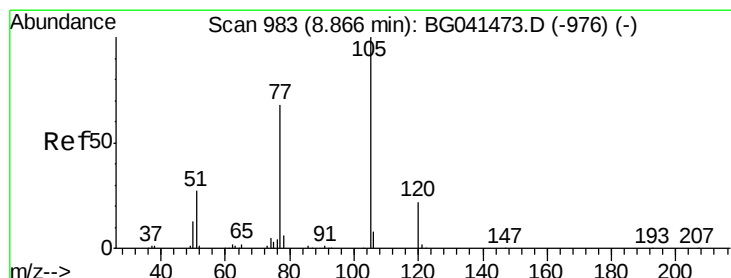
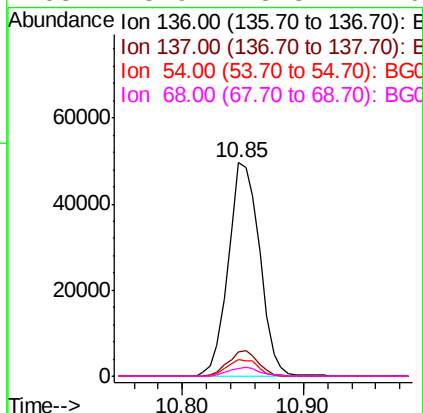
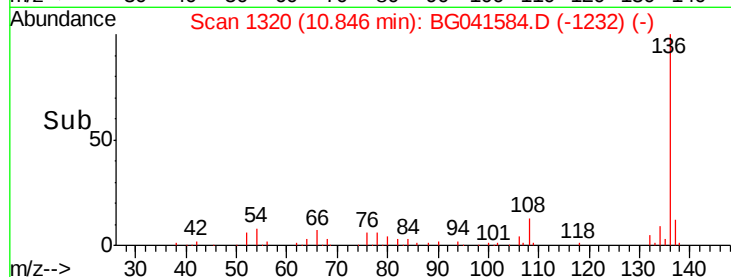
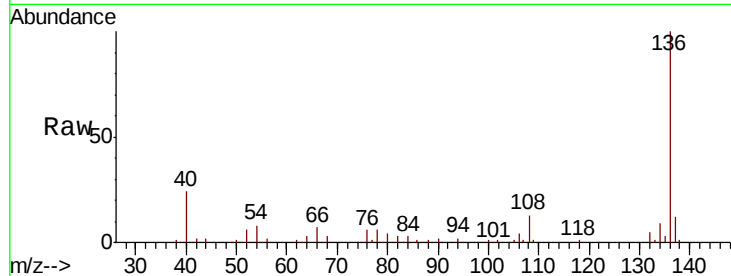




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

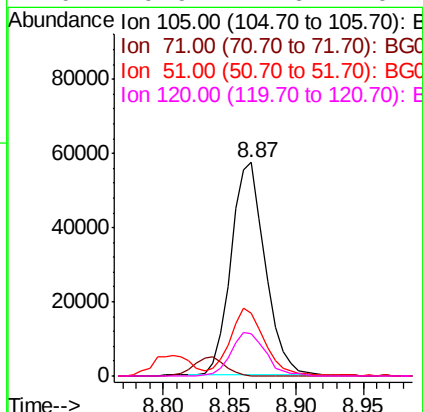
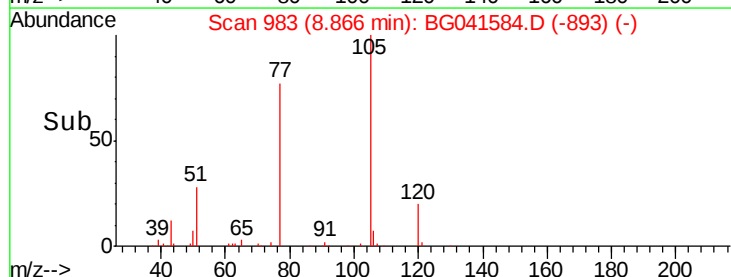
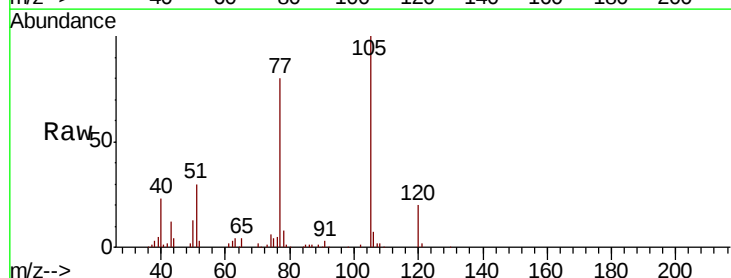
Instrument :
BNA_G
ClientSampleId :

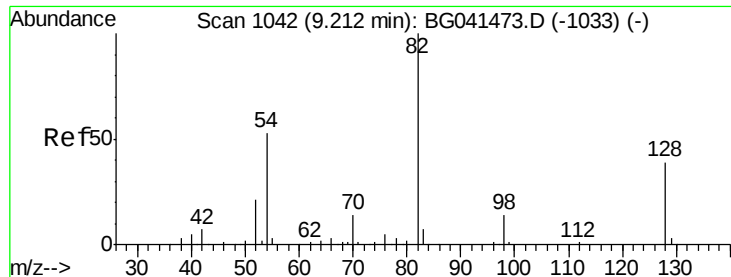
Tot Ion:136	Resp:	89767
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.3 13.9
54	7.6	7.1 10.7
68	3.9	3.3 4.9



#22
Acetophenone
Concen: 37.952 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion:105	Resp:	102191
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.5 0.7#
51	29.5	25.0 37.6
120	19.9	17.6 26.4

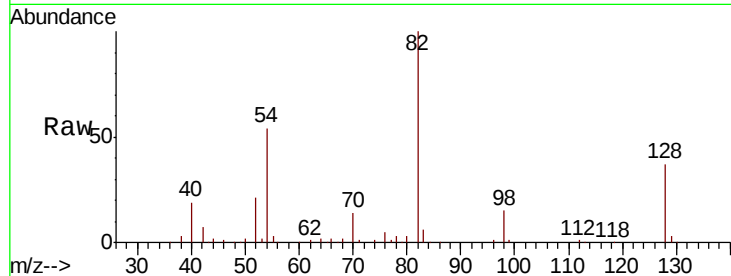




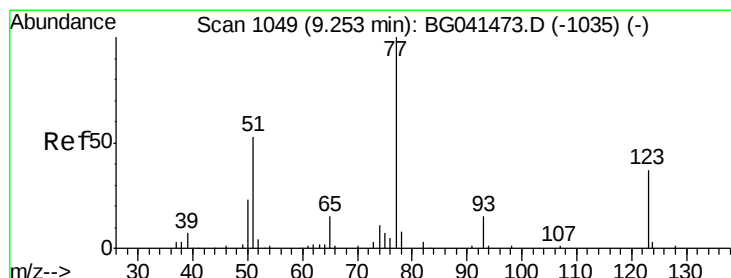
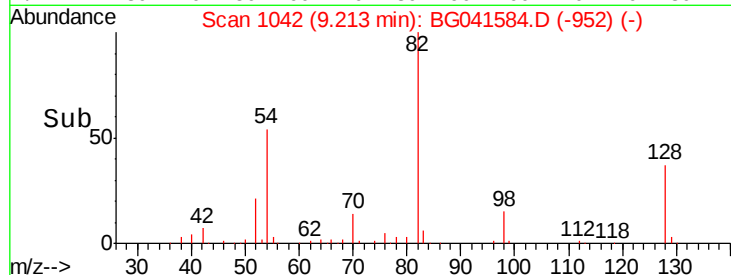
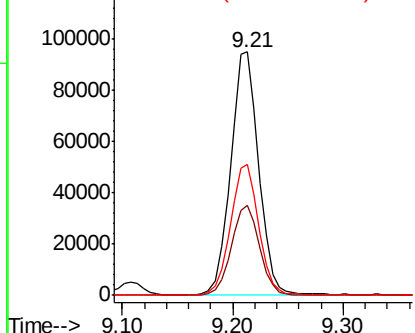
#23
Nitrobenzene-d5
Concen: 78.706 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 169401
Ion Ratio Lower Upper
82 100
128 37.0 30.9 46.3
54 53.6 42.2 63.2

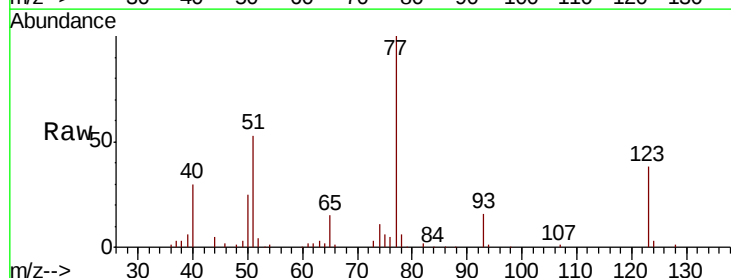


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

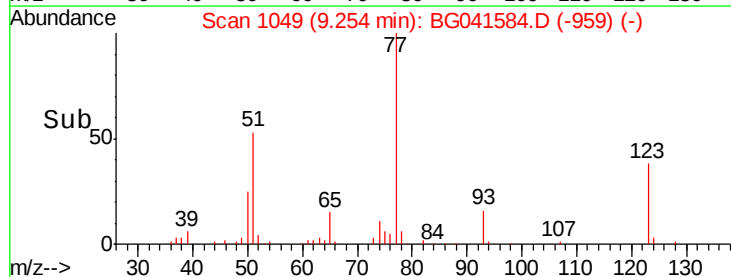
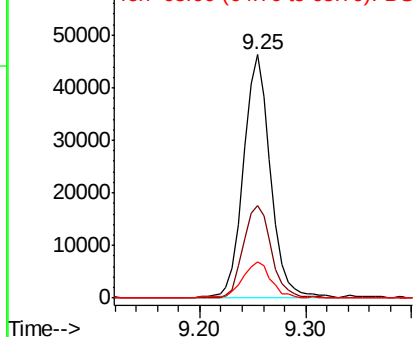


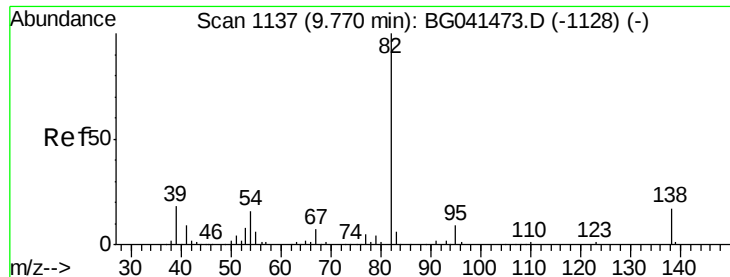
#24
Nitrobenzene
Concen: 38.195 ng
RT: 9.25 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion: 77 Resp: 82517
Ion Ratio Lower Upper
77 100
123 37.8 29.9 44.9
65 15.1 12.2 18.4



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





#25

Isophorone

Concen: 36.323 ng

RT: 9.77 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

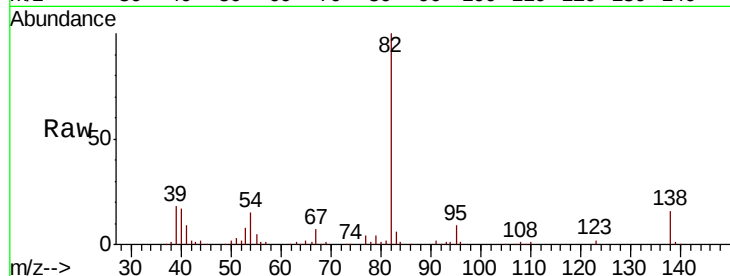
Tot Ion: 82 Resp: 140360

Ion Ratio Lower Upper

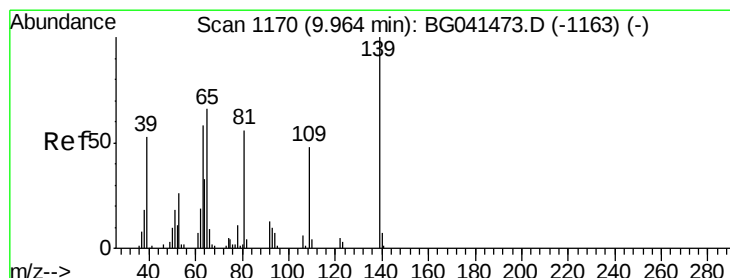
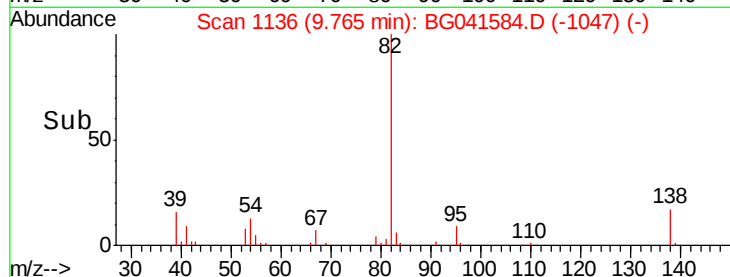
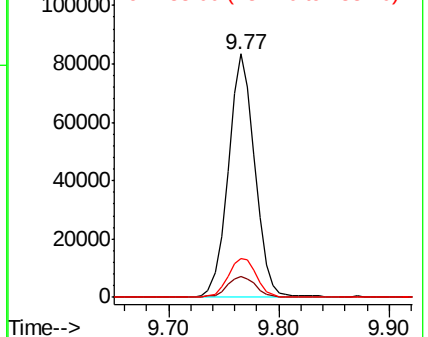
82 100

95 8.5 6.8 10.2

138 16.2 13.7 20.5



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



#26

2-Nitrophenol

Concen: 36.990 ng

RT: 9.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

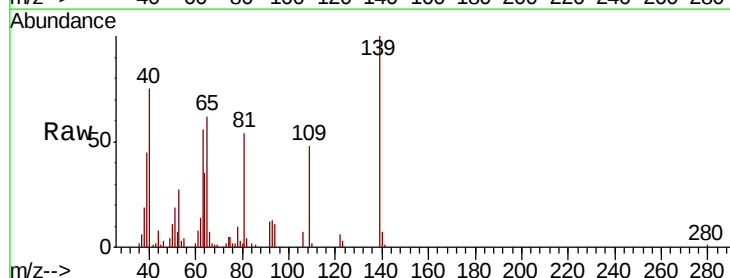
Tgt Ion: 139 Resp: 33374

Ion Ratio Lower Upper

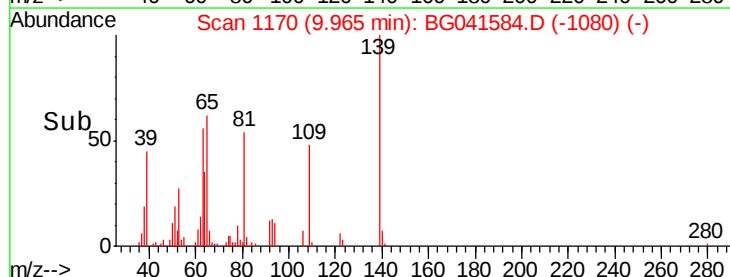
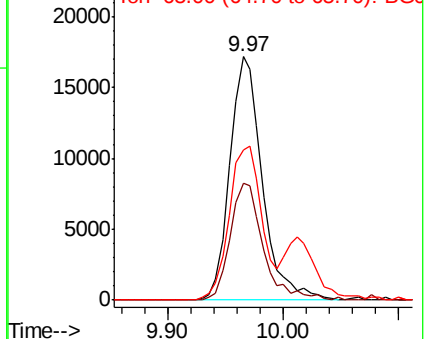
139 100

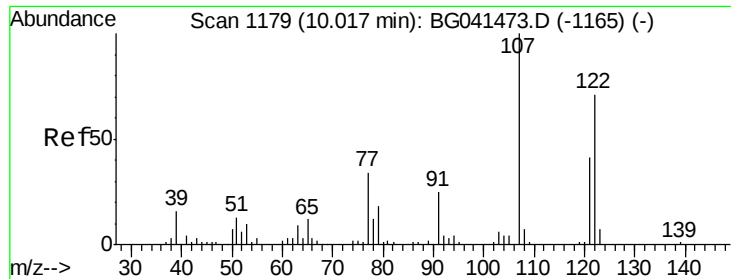
109 47.9 38.6 57.8

65 61.7 52.6 78.8



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

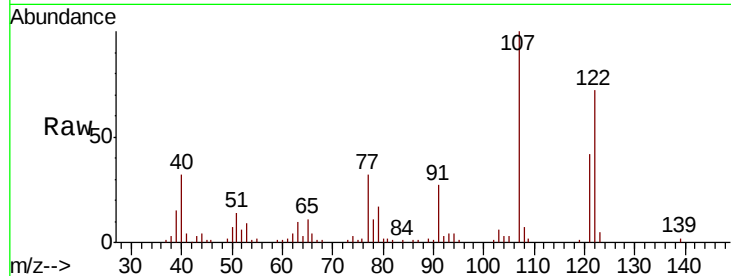




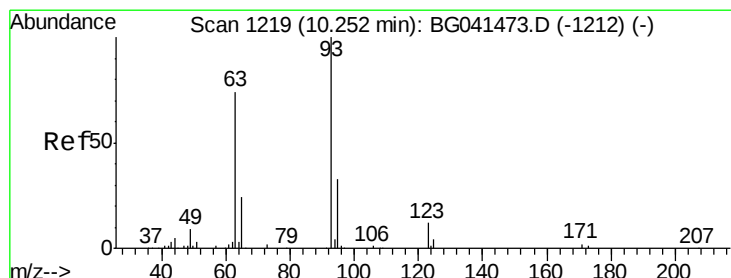
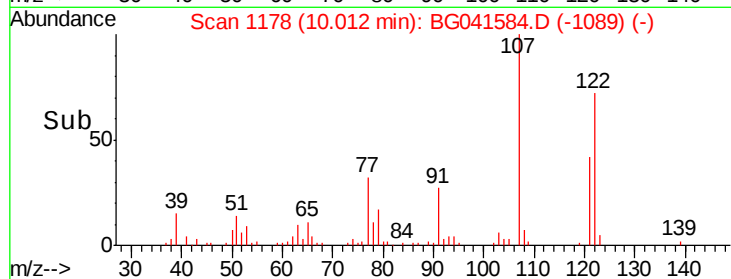
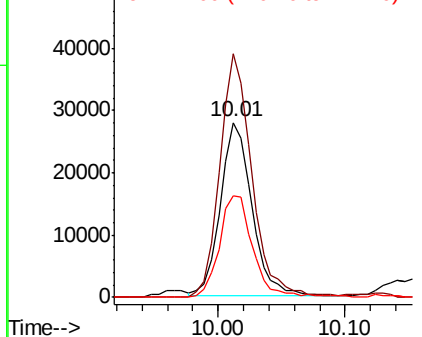
#27
 2,4-Dimethylphenol
 Concen: 38.050 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 47780
 Ion Ratio Lower Upper
 122 100
 107 139.2 112.9 169.3
 121 58.4 46.1 69.1

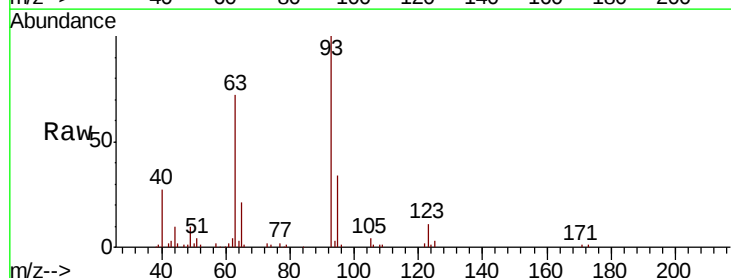


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

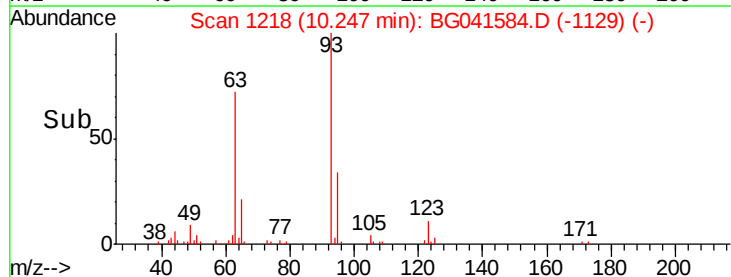
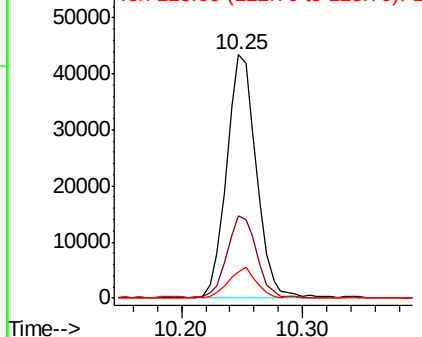


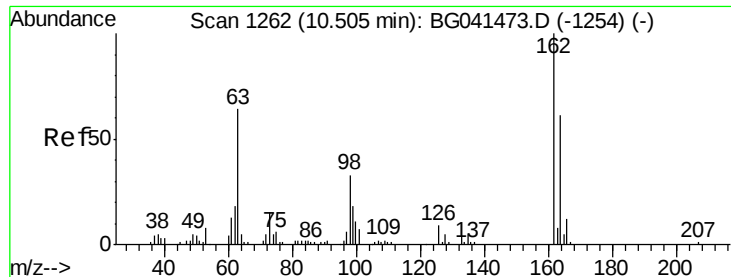
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.311 ng
 RT: 10.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion: 93 Resp: 74197
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.2 39.2
 123 10.8 9.6 14.4



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





#29

2,4-Dichlorophenol

Concen: 39.455 ng

RT: 10.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

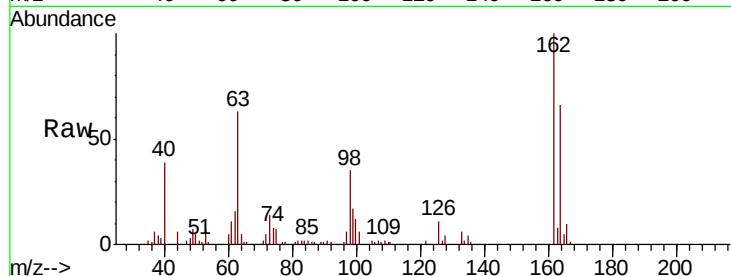
Tot Ion:162 Resp: 66920

Ion Ratio Lower Upper

162 100

164 66.1 41.3 81.3

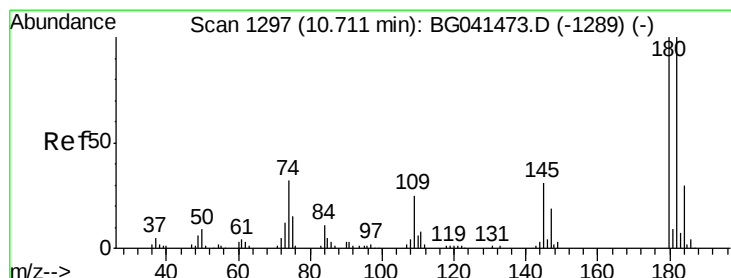
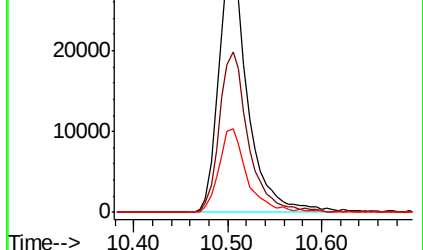
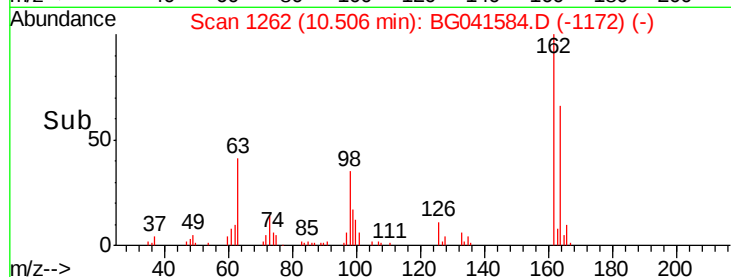
98 34.5 13.2 53.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 40.071 ng

RT: 10.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

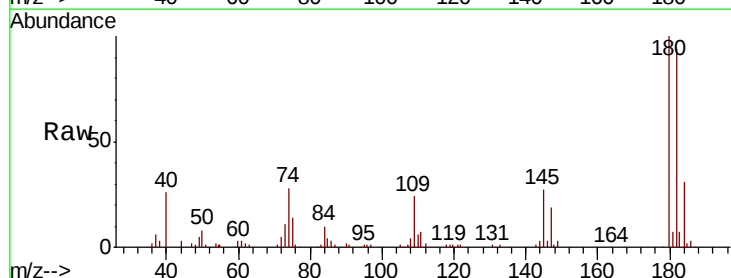
Tgt Ion:180 Resp: 87109

Ion Ratio Lower Upper

180 100

182 93.9 79.9 119.9

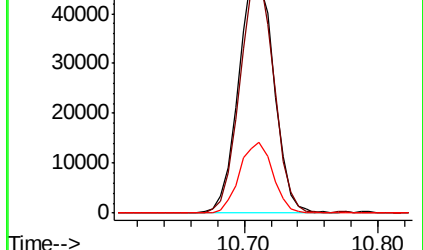
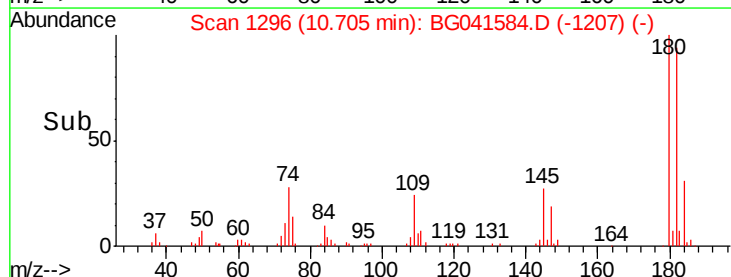
145 27.0 24.7 37.1

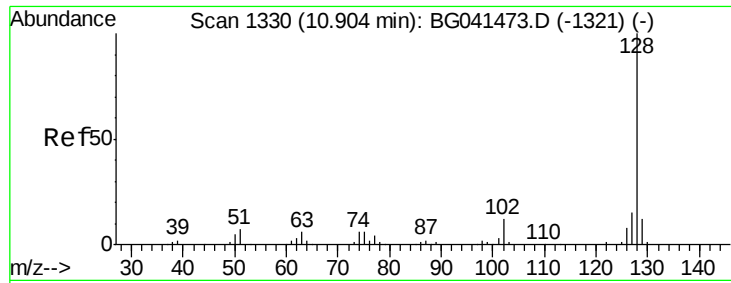


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

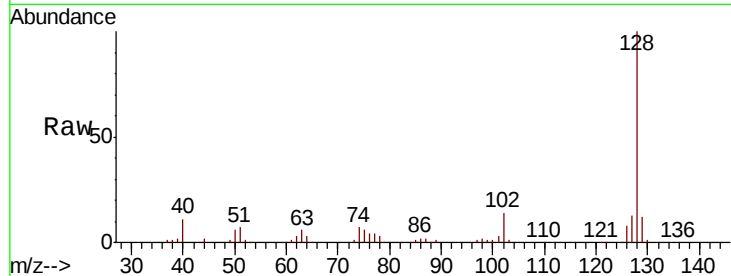




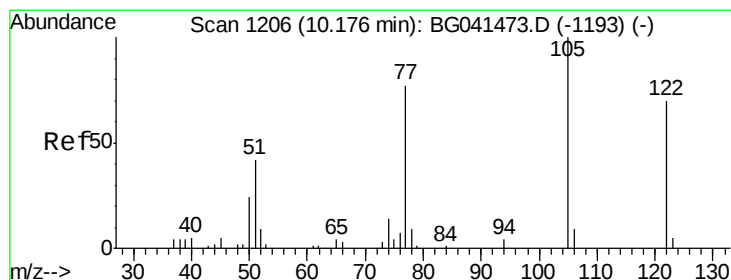
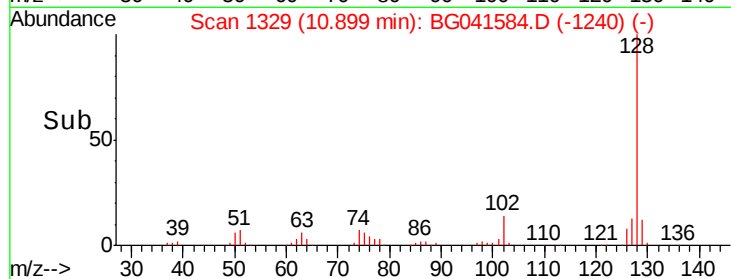
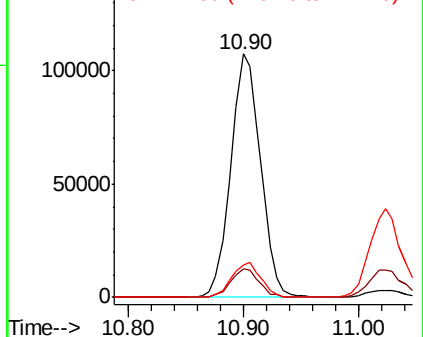
#31
Naphthalene
Concen: 38.538 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 191315
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.3 11.6 17.4

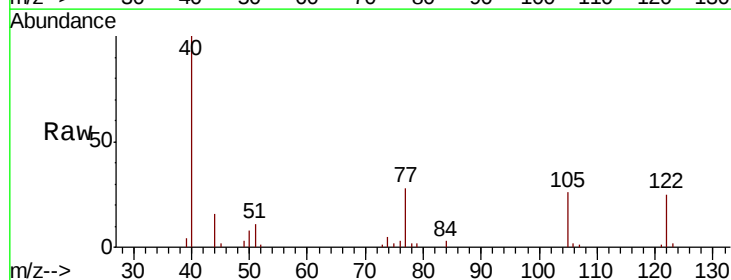


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

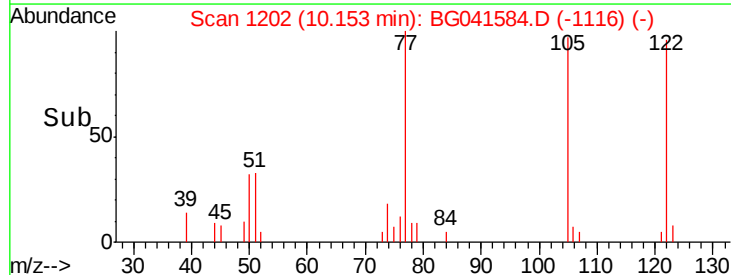
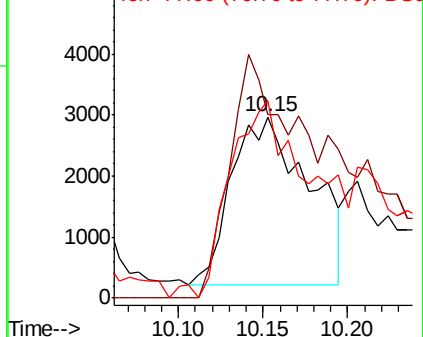


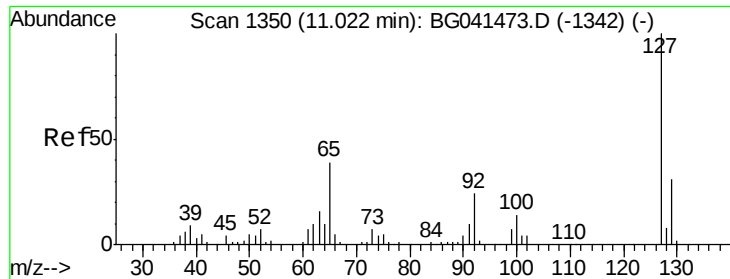
#32
Benzoic acid
Concen: 18.854 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion:122 Resp: 8856
Ion Ratio Lower Upper
122 100
105 101.2 117.8 157.8#
77 109.0 88.9 128.9



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

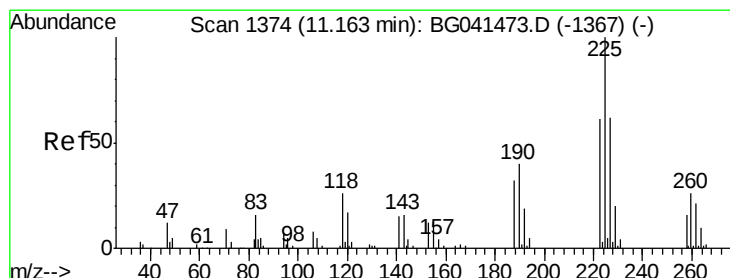
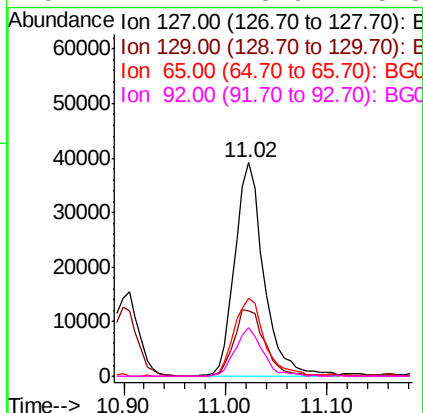
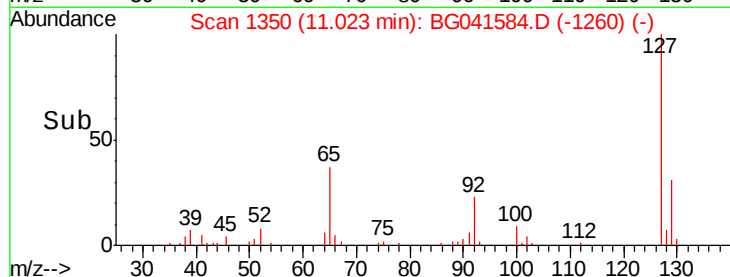
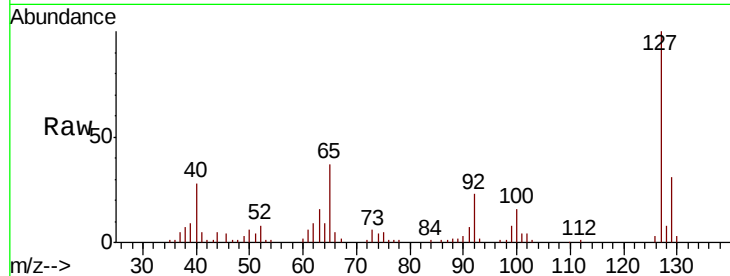




#33
4-Chloroaniline
Concen: 37.452 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

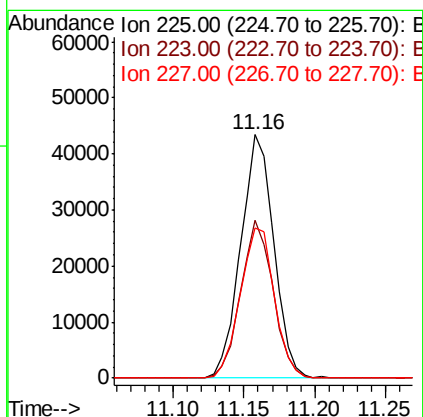
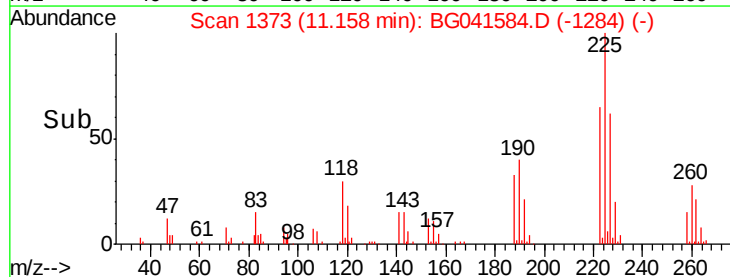
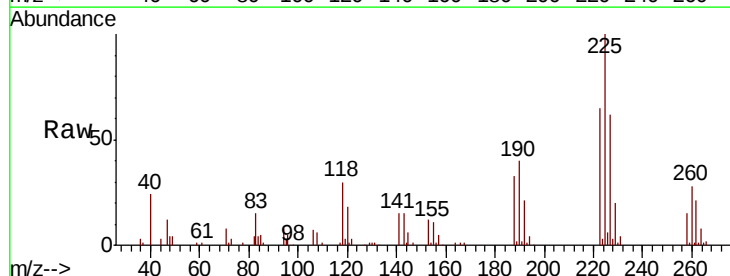
Instrument :
BNA_G
ClientSampleId :

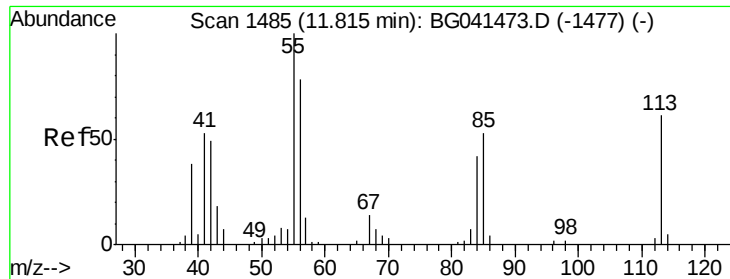
Tot Ion:127 Resp: 78264
Ion Ratio Lower Upper
127 100
129 30.9 24.6 37.0
65 36.7 31.5 47.3
92 22.7 18.9 28.3



#34
Hexachlorobutadiene
Concen: 41.353 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion:225 Resp: 71358
Ion Ratio Lower Upper
225 100
223 64.9 48.6 72.8
227 61.8 49.3 73.9

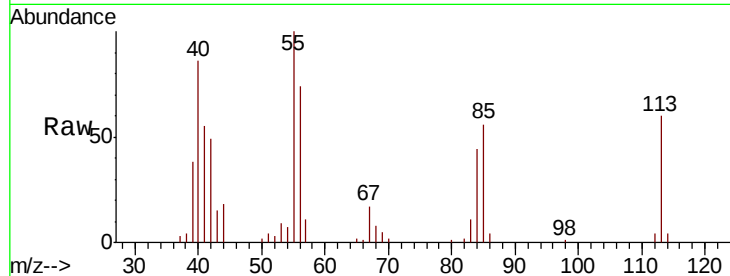




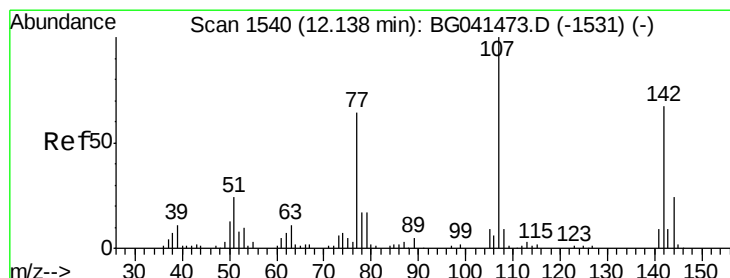
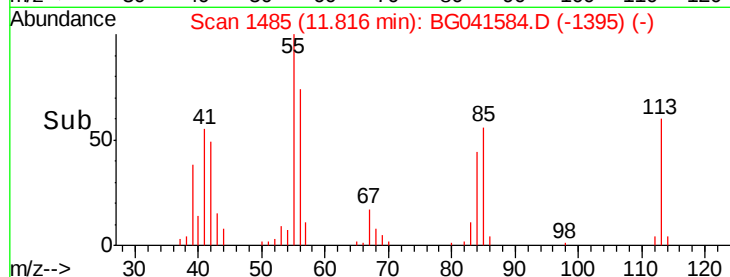
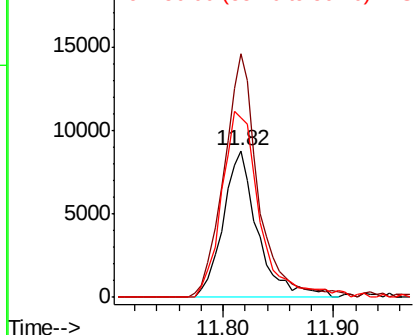
#35
 Caprolactam
 Concen: 36.235 ng
 RT: 11.82 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 19190
 Ion Ratio Lower Upper
 113 100
 55 166.1 145.1 185.1
 56 122.3 109.4 149.4

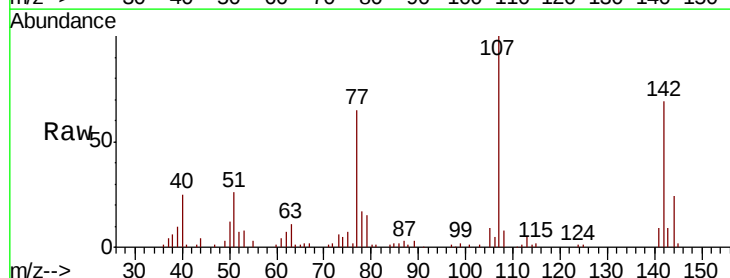


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

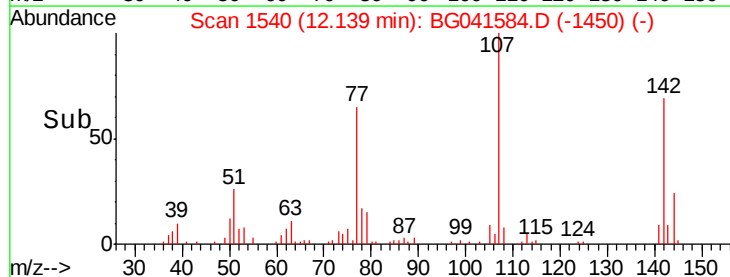
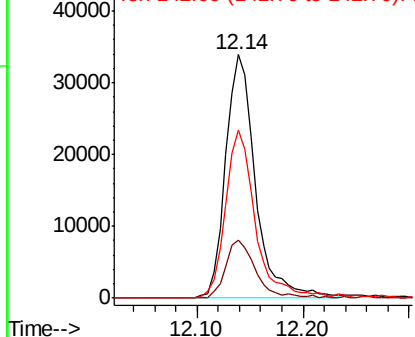


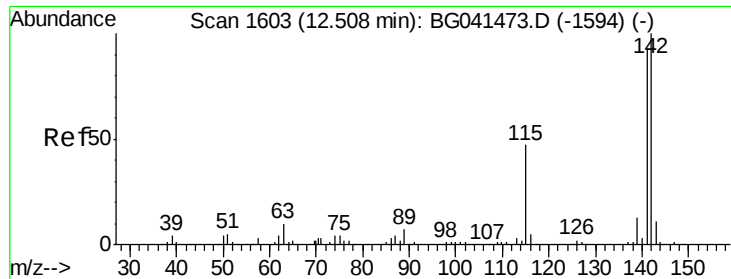
#36
 4-Chloro-3-methylphenol
 Concen: 36.026 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion:107 Resp: 66206
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.4 29.0
 142 69.0 53.8 80.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

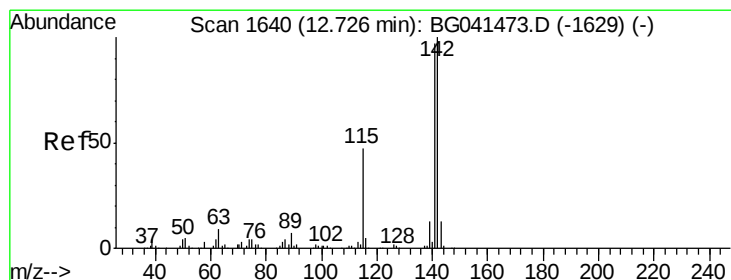
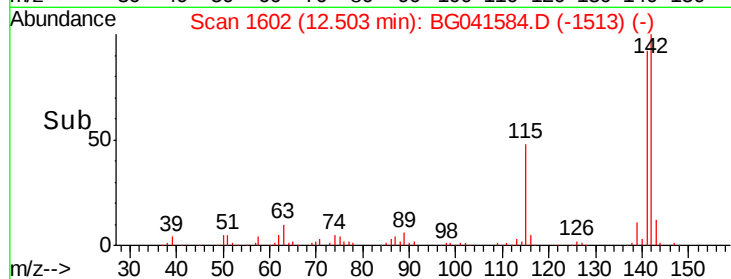
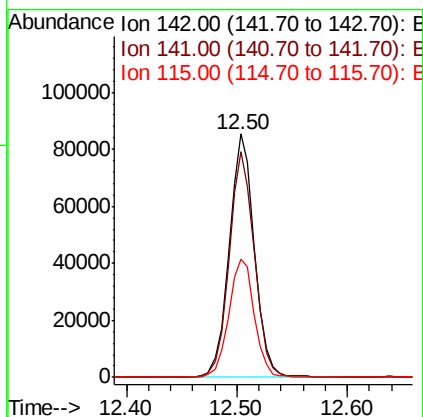
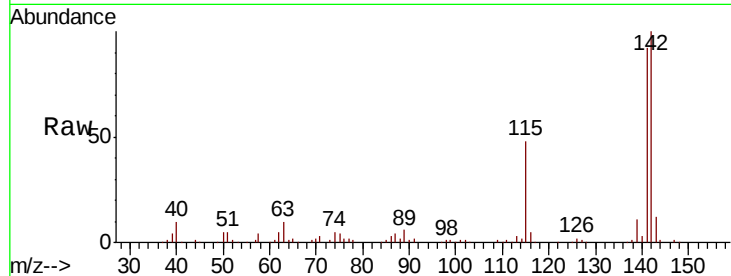




#37
2-Methylnaphthalene
Concen: 37.059 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

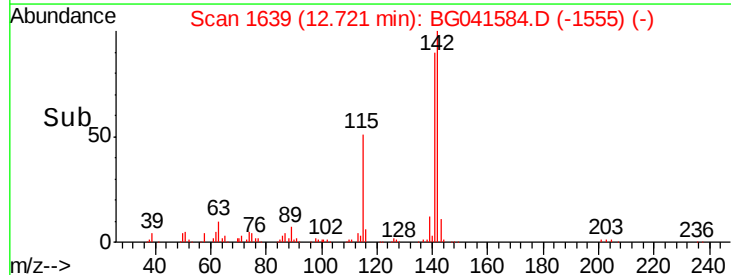
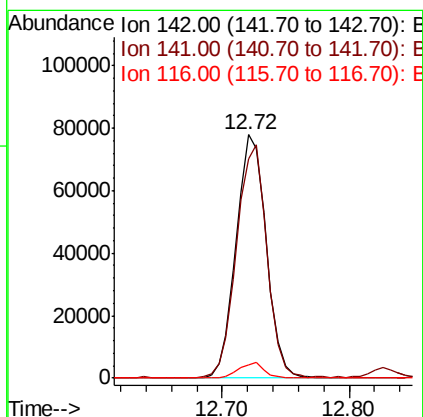
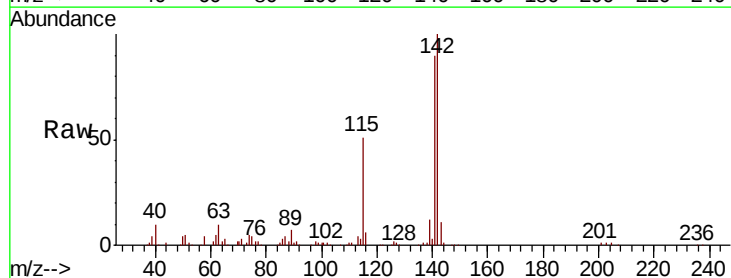
Instrument :
BNA_G
ClientSampled :

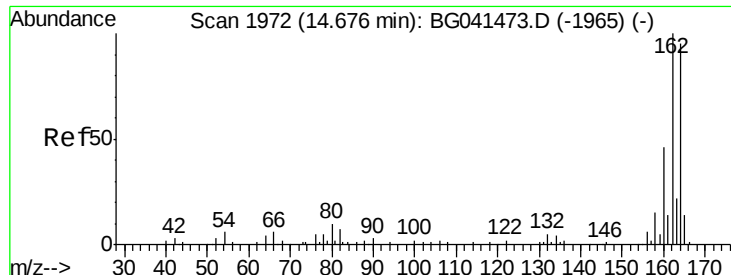
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.8	112.2
115	48.4	38.0	57.0



#38
1-Methylnaphthalene
Concen: 36.719 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	77.4	116.2
116	5.6	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

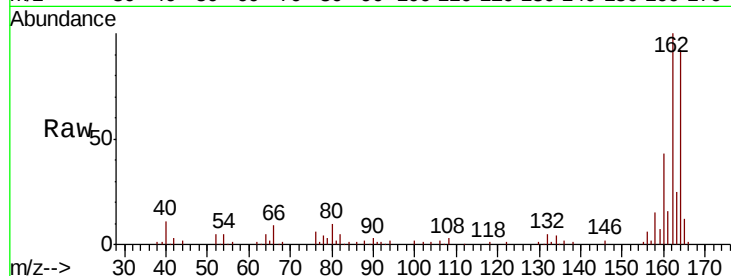
Tot Ion:164 Resp: 61733

Ion Ratio Lower Upper

164 100

162 108.3 84.4 126.6

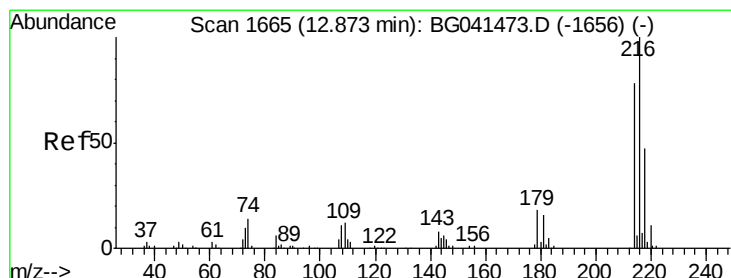
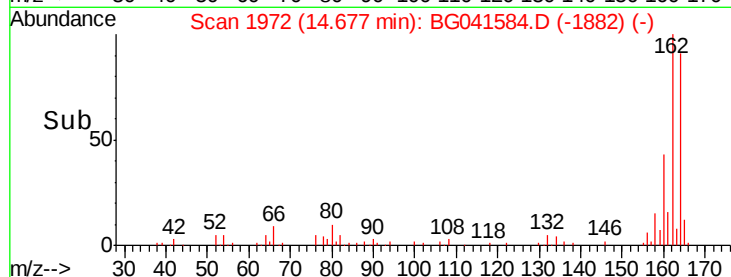
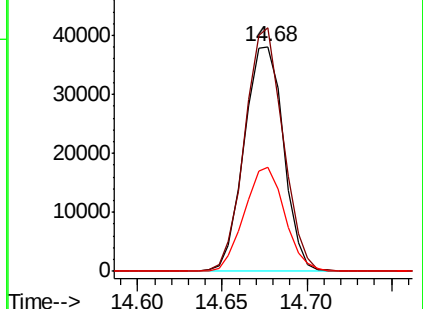
160 46.4 38.8 58.2



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: 40.596 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Tgt Ion:216 Resp: 110354

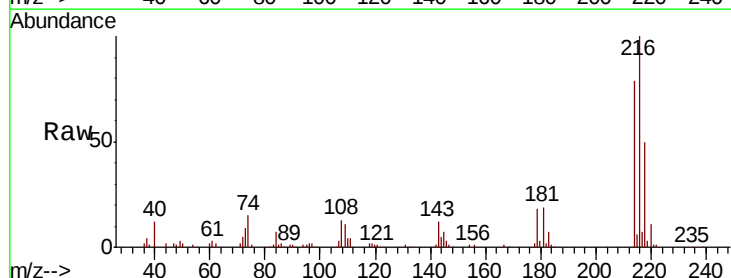
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 18.7 15.1 22.7

108 14.4 11.7 17.5

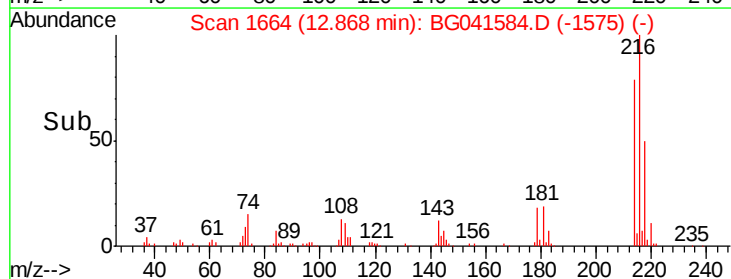
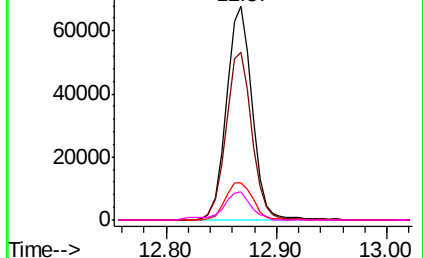


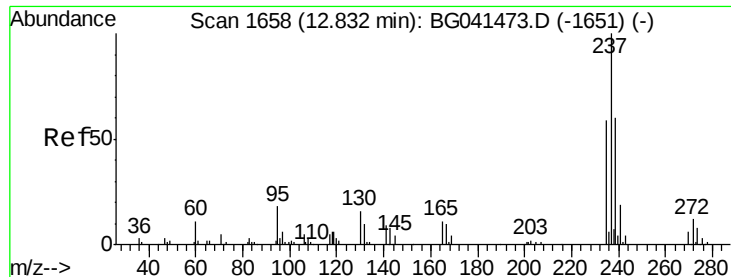
Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.976 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

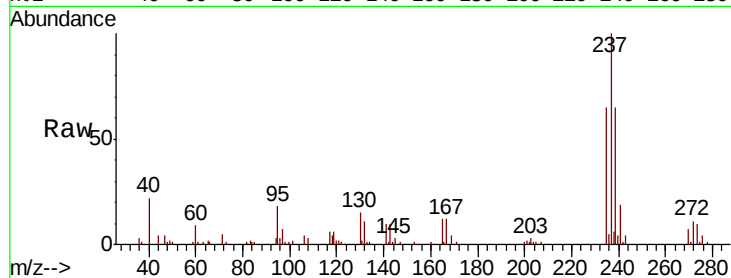
Tot Ion:237 Resp: 48413

Ion Ratio Lower Upper

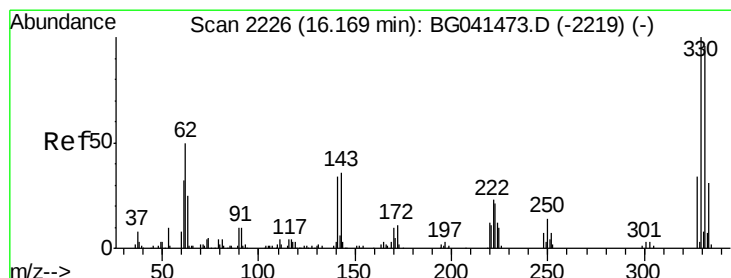
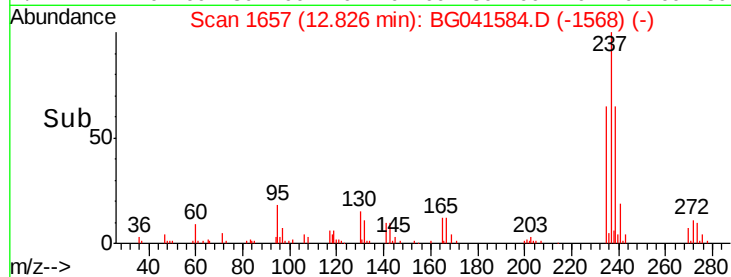
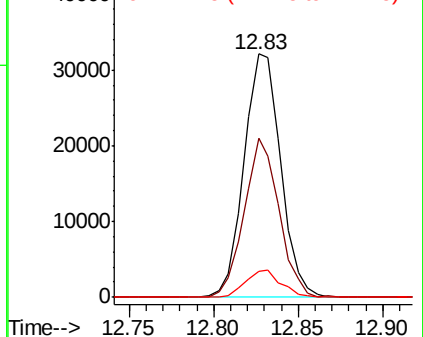
237 100

235 65.4 39.1 79.1

272 10.7 0.0 31.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.425 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

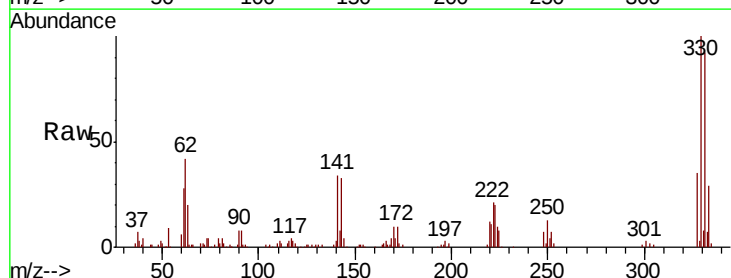
Tgt Ion:330 Resp: 83718

Ion Ratio Lower Upper

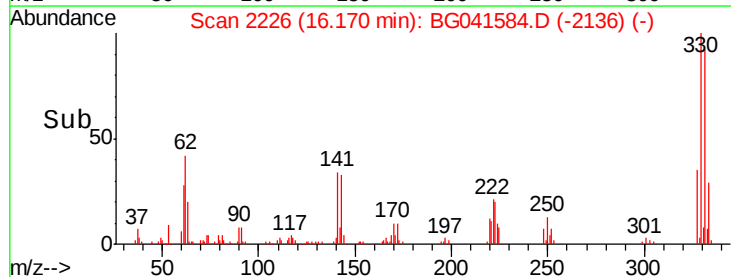
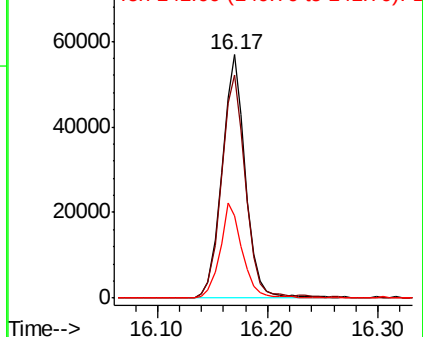
330 100

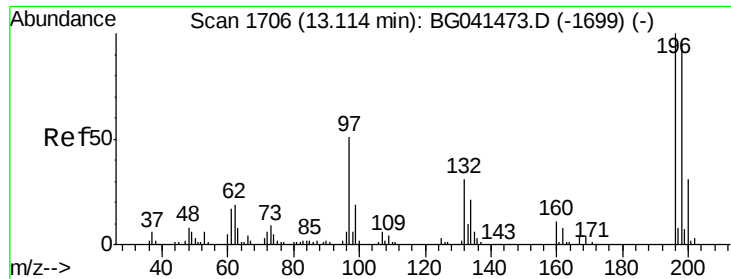
332 94.7 75.5 113.3

141 36.9 27.8 41.6



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

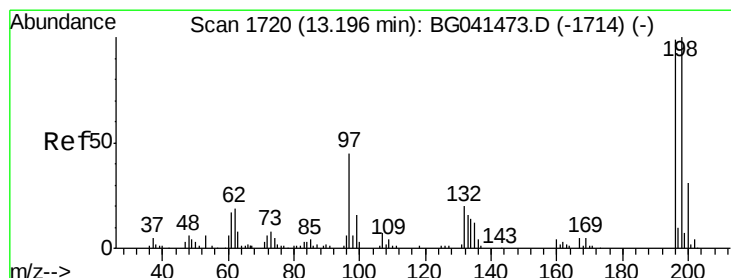
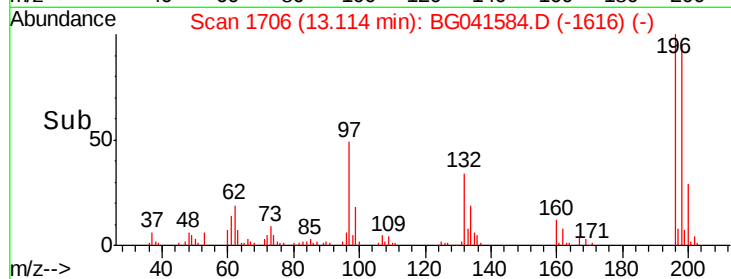
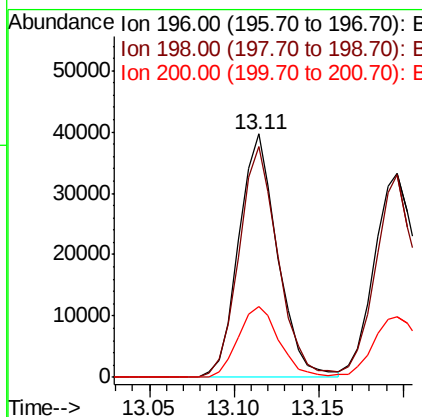
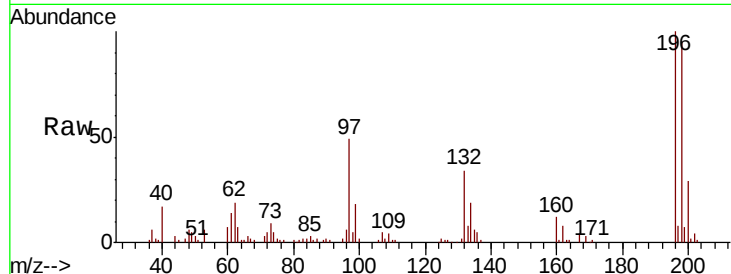




#43
 2,4,6-Trichlorophenol
 Concen: 39.309 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

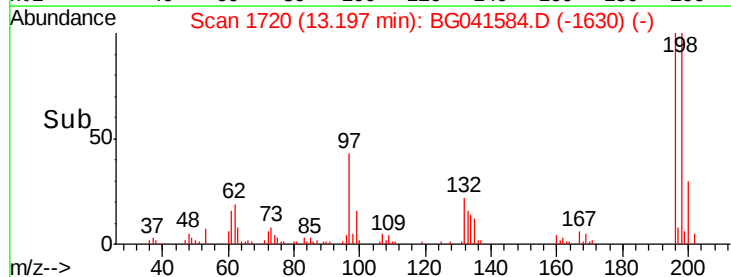
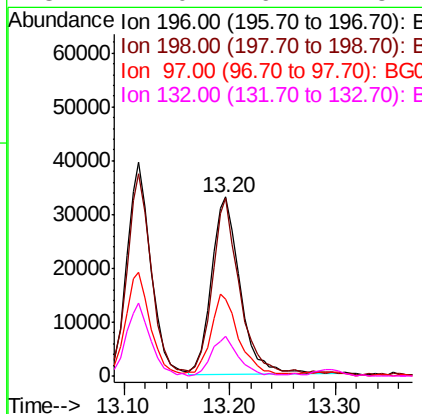
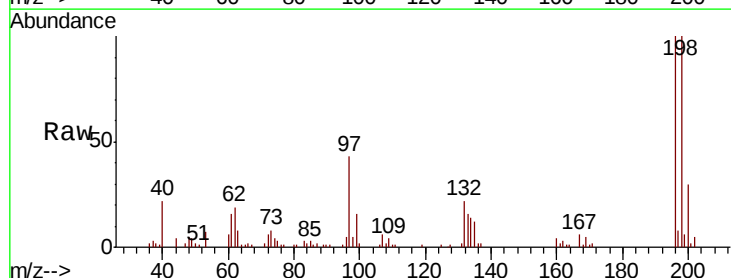
Instrument :
 BNA_G
 ClientSampleId :

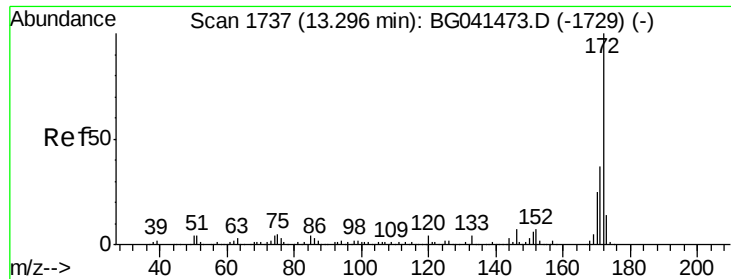
Tot Ion:196 Resp: 63397
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.7 115.1
 200 29.1 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.923 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion:196 Resp: 62540
 Ion Ratio Lower Upper
 196 100
 198 99.6 80.5 120.7
 97 42.7 36.5 54.7
 132 22.0 16.7 25.1

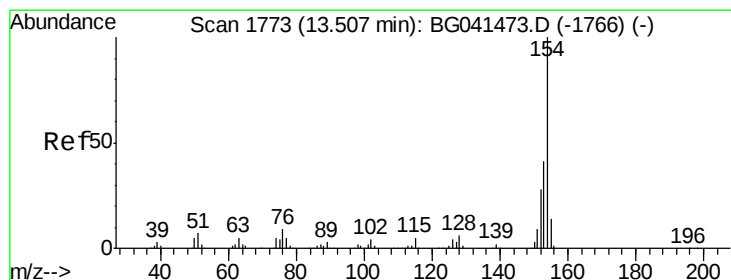
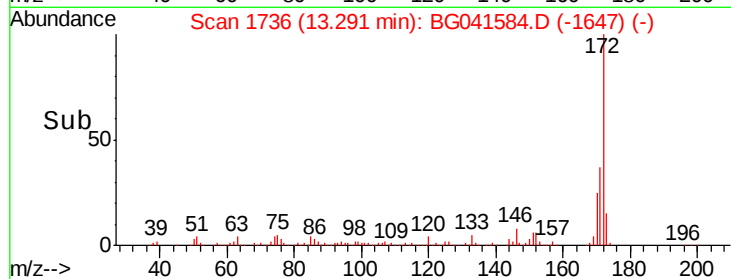
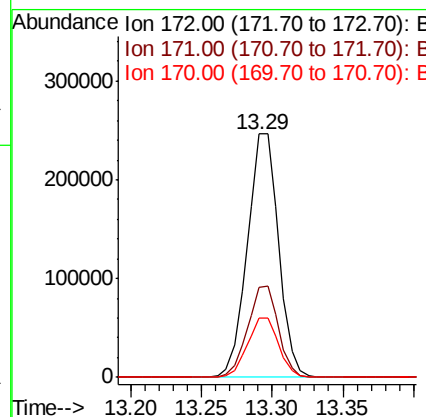
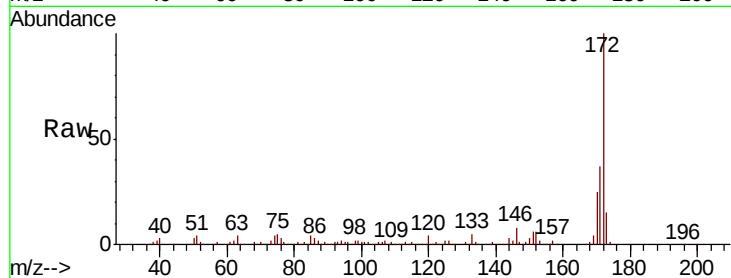




#45
2-Fluorobiphenyl
Concen: 79.525 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

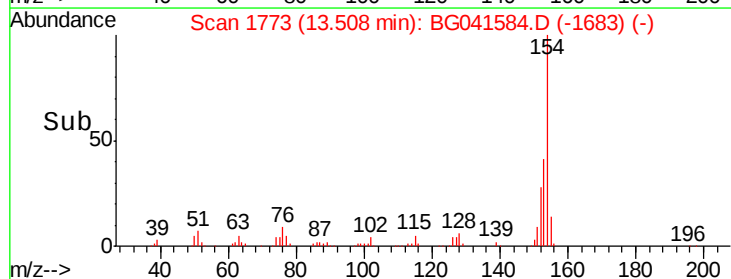
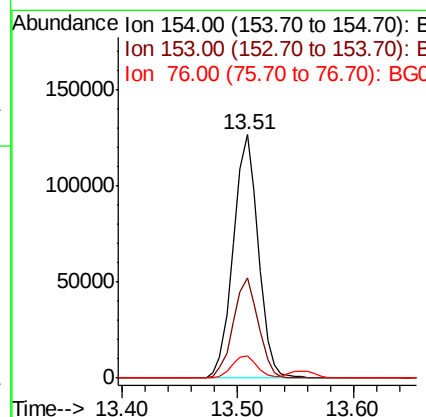
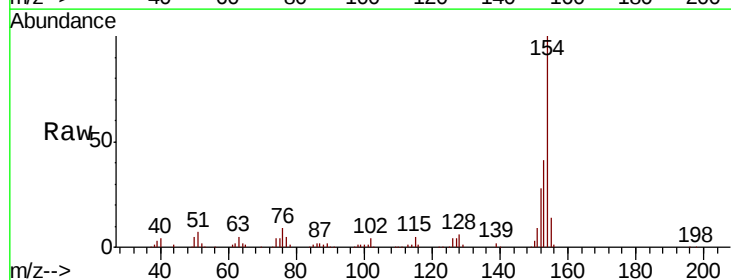
Instrument :
BNA_G
ClientSampleId :

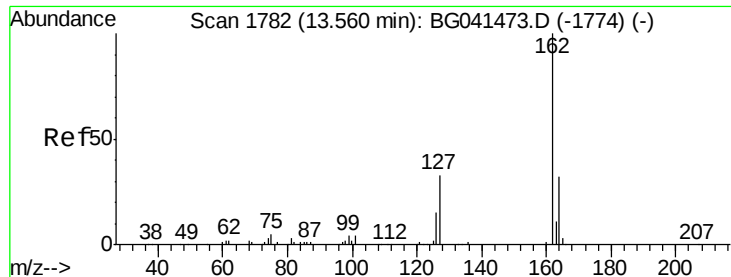
Tot Ion:172 Resp: 382568
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.5 20.0 30.0



#46
1,1'-Biphenyl
Concen: 38.953 ng
RT: 13.51 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion:154 Resp: 189823
Ion Ratio Lower Upper
154 100
153 41.3 20.9 60.9
76 9.3 0.0 29.4

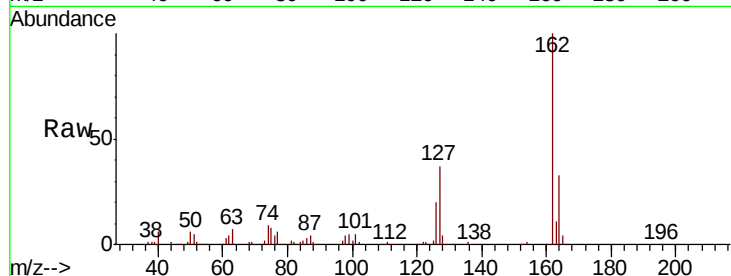




#47
2-Chloronaphthalene
Concen: 39.691 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.0	45.0
164	32.7	25.8	38.6

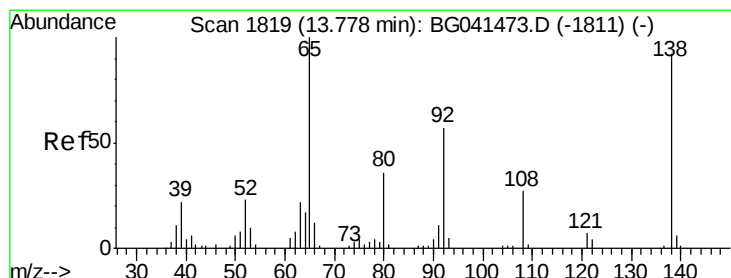
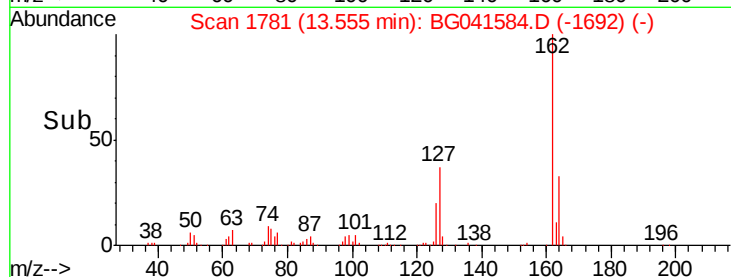
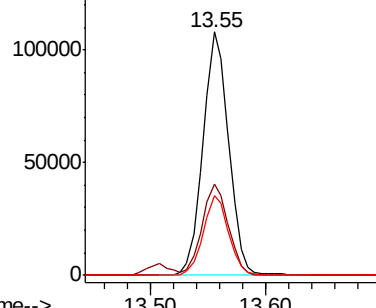


Abundance

Ion 162.00 (161.70 to 162.70): E

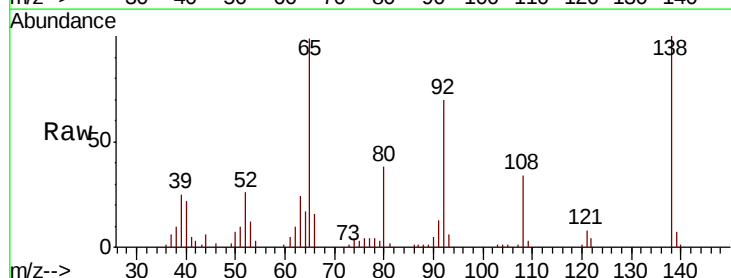
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 36.939 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	45.9	68.9#
138	101.3	73.4	110.2

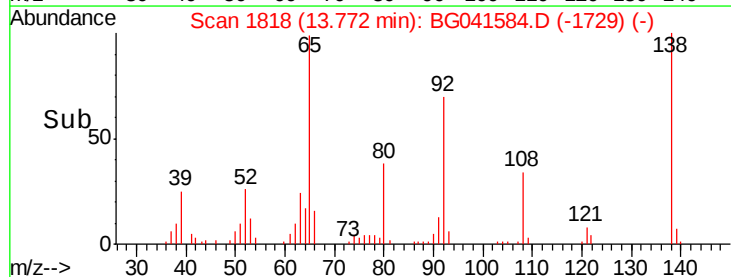
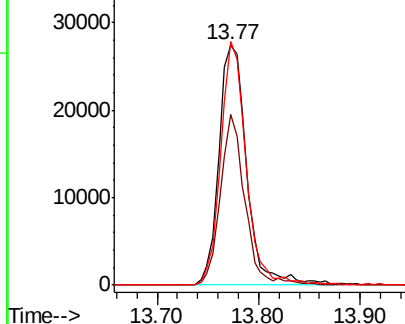


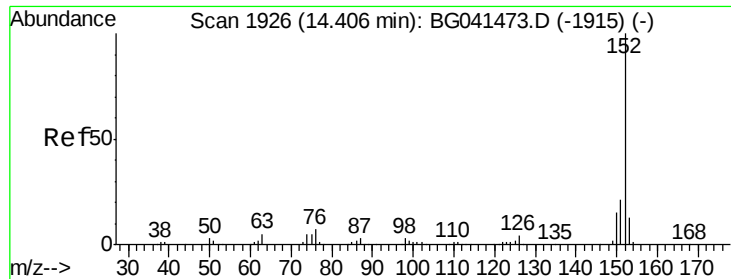
Abundance

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: 38.766 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

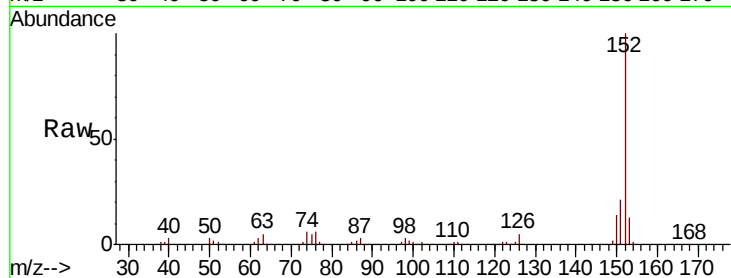
Tot Ion:152 Resp: 242420

Ion Ratio Lower Upper

152 100

151 20.8 16.7 25.1

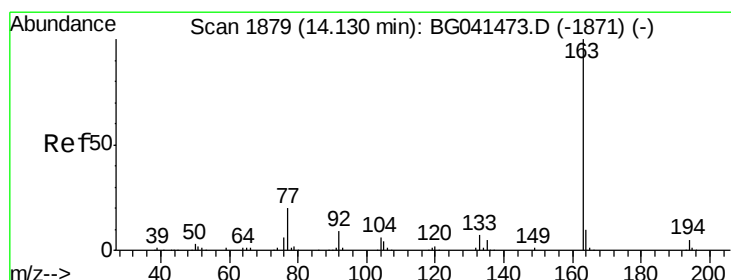
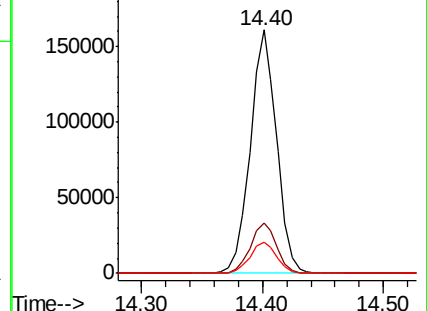
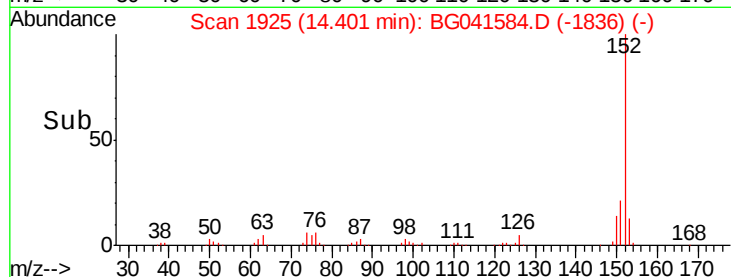
153 13.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.414 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

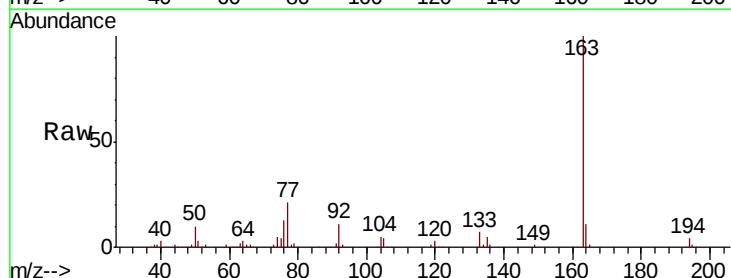
Tgt Ion:163 Resp: 215804

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

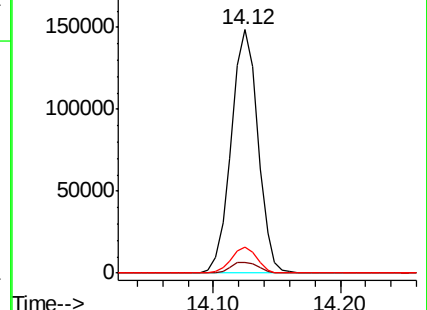
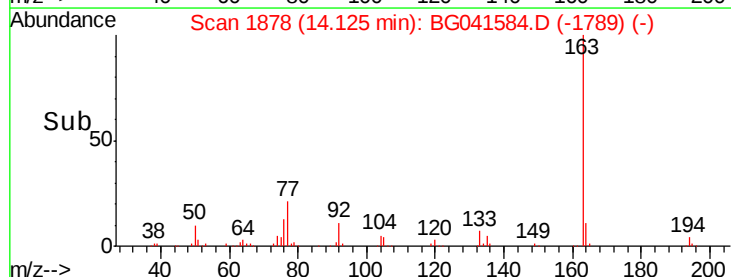
164 10.7 7.8 11.6

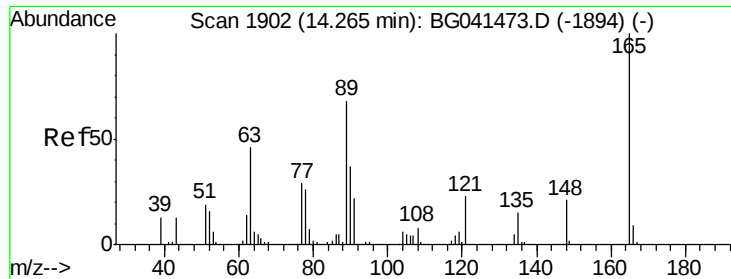


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.733 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

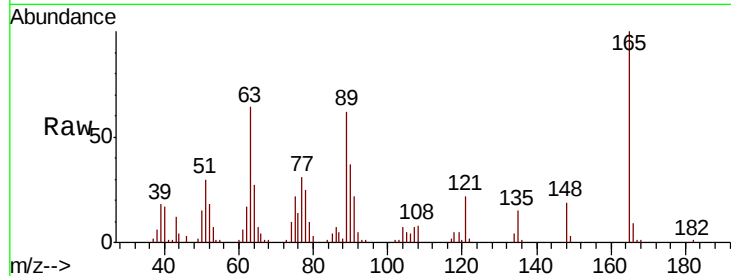
Tot Ion:165 Resp: 46177

Ion Ratio Lower Upper

165 100

63 63.6 56.4 84.6

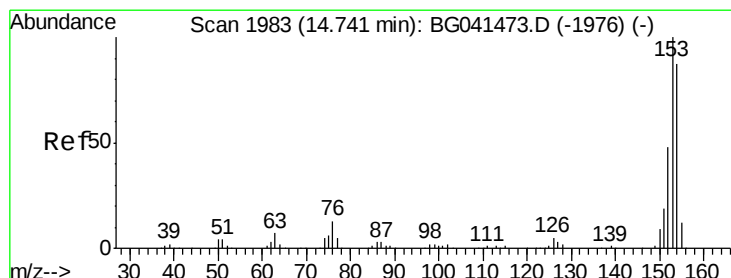
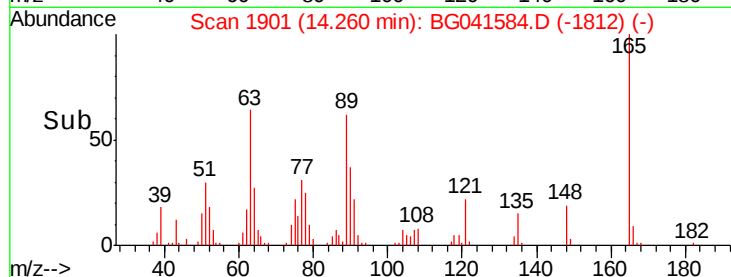
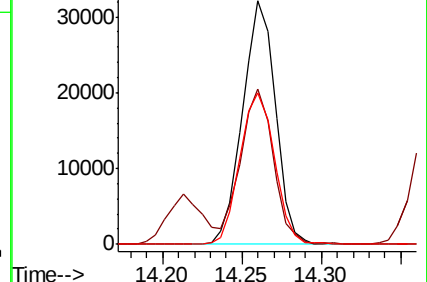
89 62.3 54.6 81.8



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



#52

Acenaphthene

Concen: 38.295 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

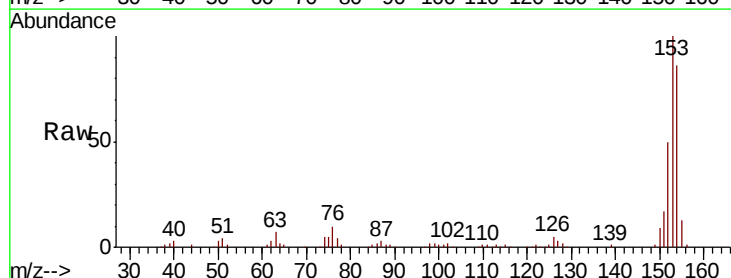
Tgt Ion:154 Resp: 142010

Ion Ratio Lower Upper

154 100

153 116.4 92.2 138.4

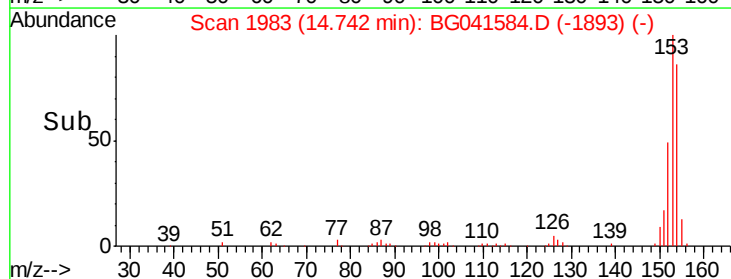
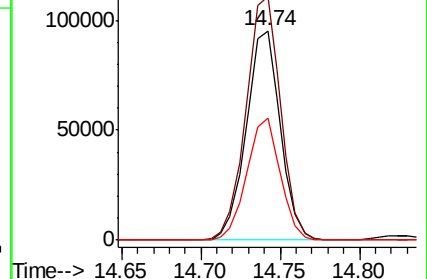
152 58.5 44.1 66.1

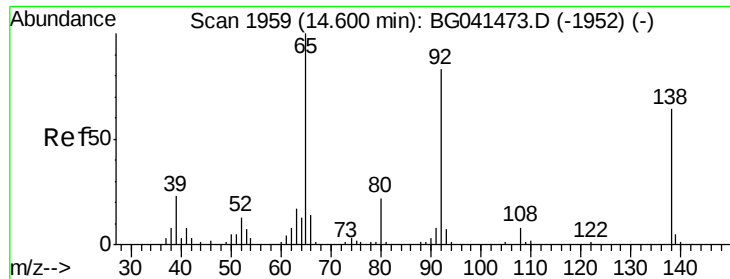


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 36.640 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

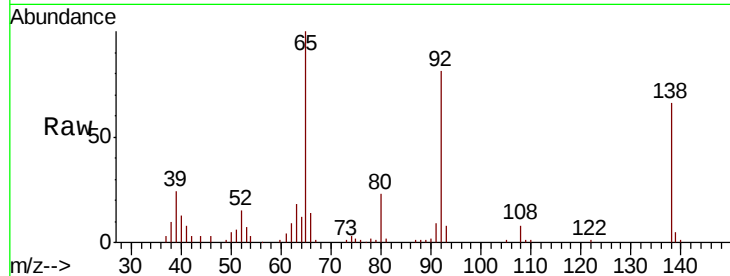
Tot Ion:138 Resp: 41701

Ion Ratio Lower Upper

138 100

108 12.4 9.5 14.3

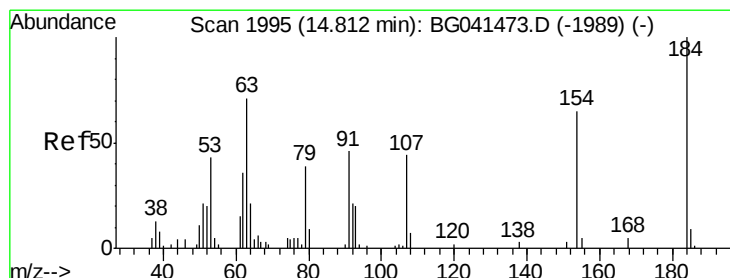
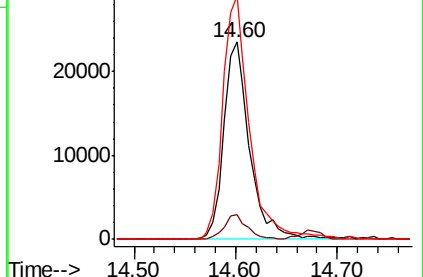
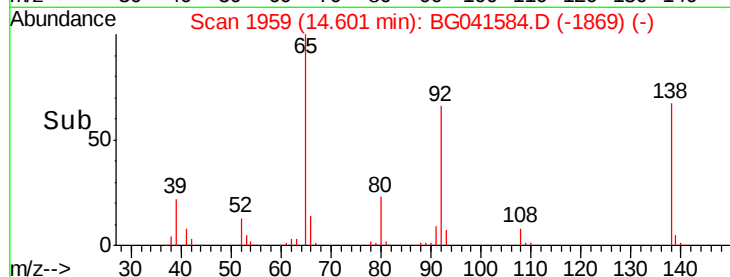
92 123.3 103.3 154.9



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: 15.969 ng

RT: 14.84 min Scan# 1999

Delta R.T. 0.02 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

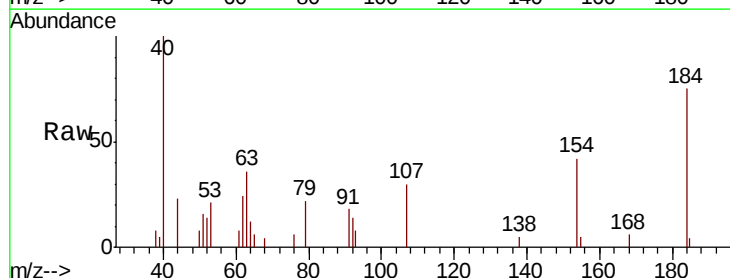
Tgt Ion:184 Resp: 7032

Ion Ratio Lower Upper

184 100

63 48.2 56.5 84.7#

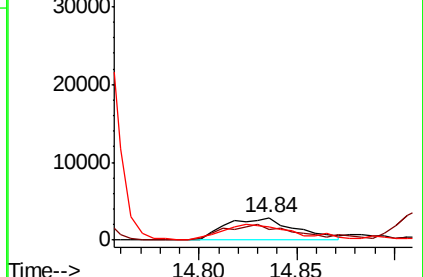
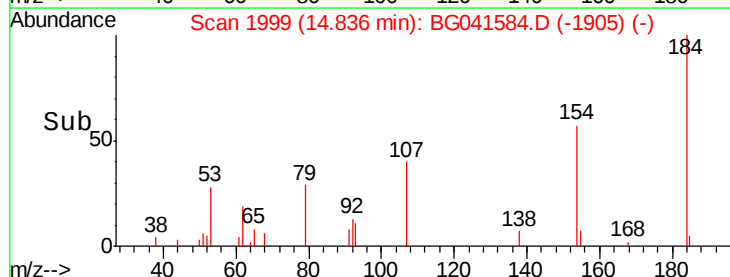
154 56.9 54.2 81.4

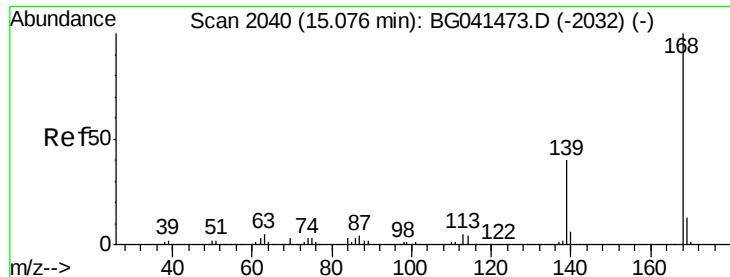


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

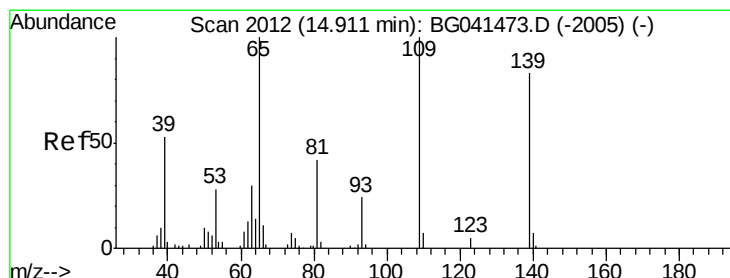
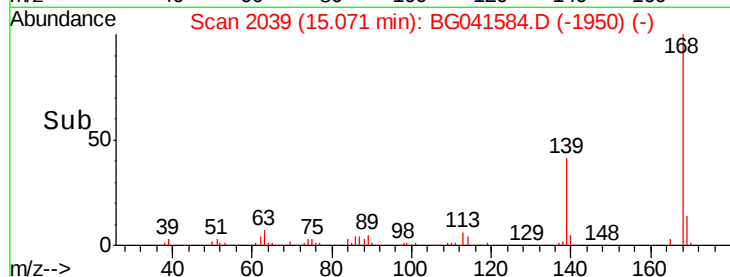
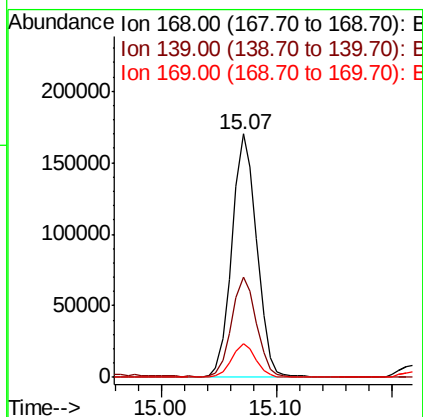
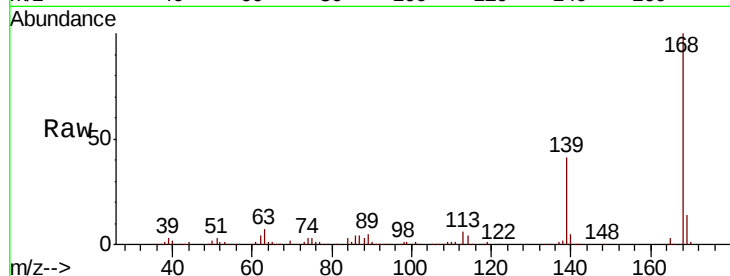




#55
Dibenzenofuran
Concen: 39.251 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

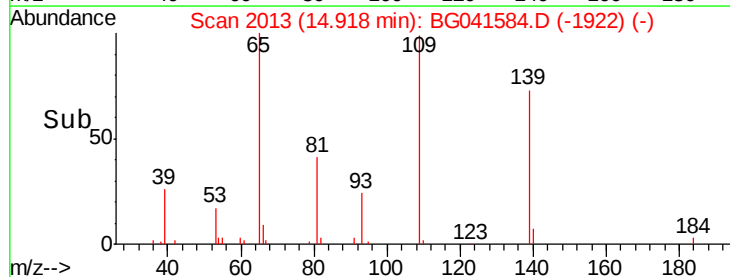
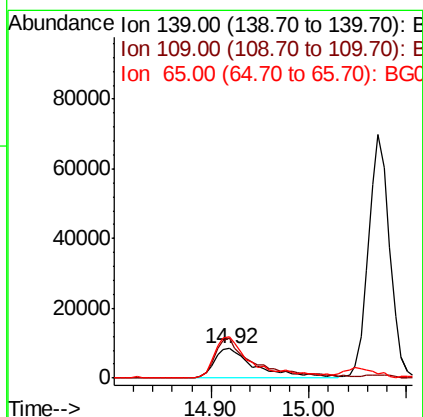
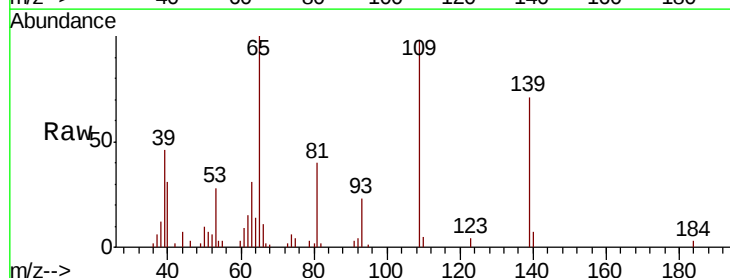
Instrument :
BNA_G
ClientSampleId :

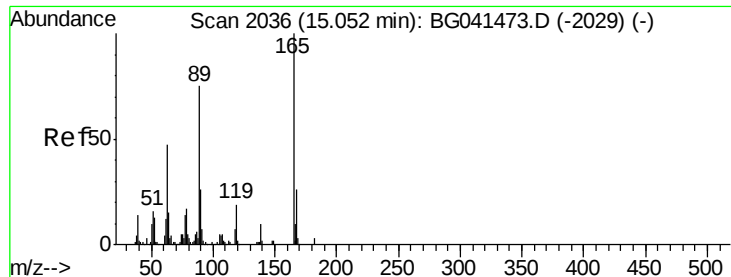
Tot Ion:168 Resp: 253395
Ion Ratio Lower Upper
168 100
139 41.0 32.2 48.4
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 34.663 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion:139 Resp: 25460
Ion Ratio Lower Upper
139 100
109 137.7 99.9 139.9
65 140.5 100.6 140.6

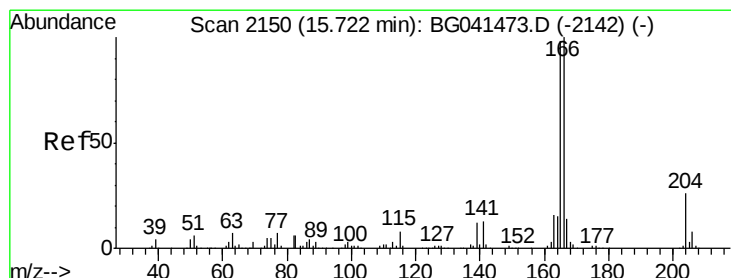
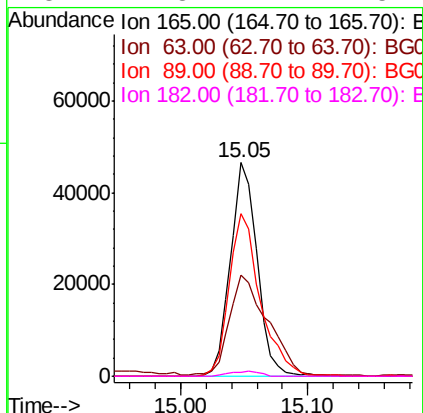
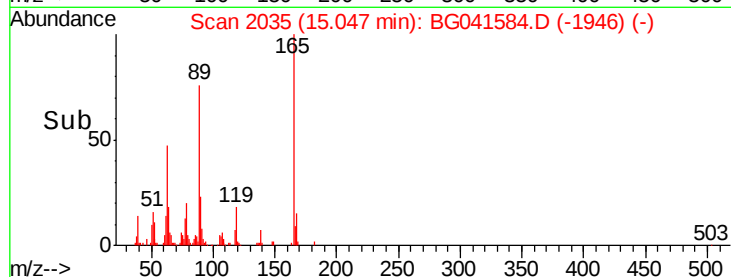
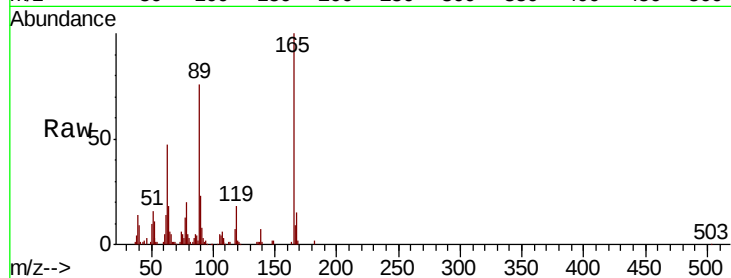




#57
 2,4-Dinitrotoluene
 Concen: 38.991 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

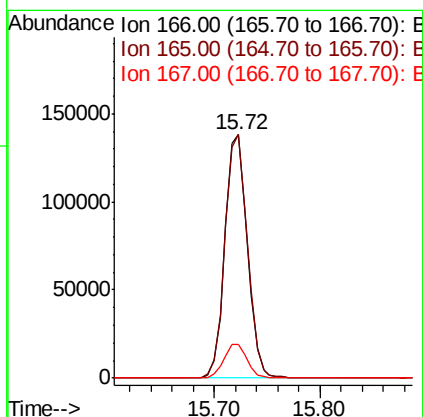
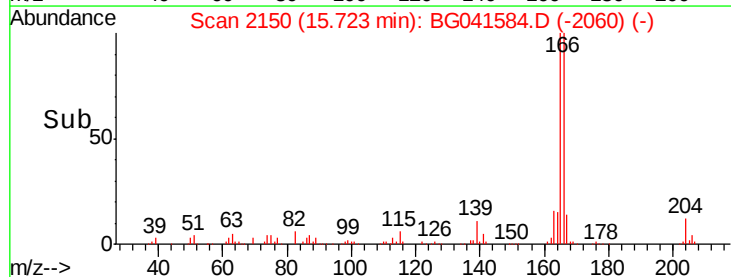
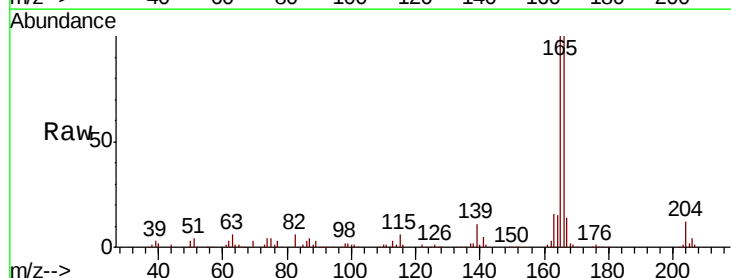
Instrument :
 BNA_G
 ClientSampleId :

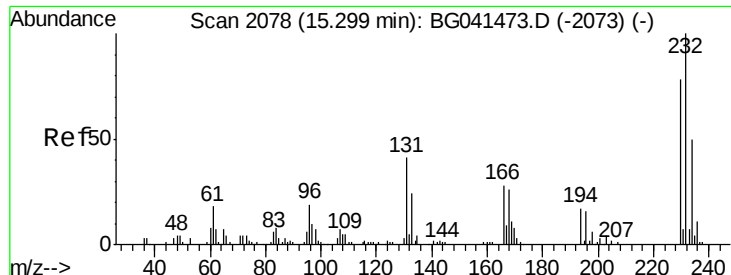
Tot Ion:165 Resp: 67436
 Ion Ratio Lower Upper
 165 100
 63 47.4 38.8 58.2
 89 76.4 60.1 90.1
 182 1.8 2.2 3.2#



#58
 Fluorene
 Concen: 39.513 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion:166 Resp: 202934
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.6 117.8
 167 13.9 11.4 17.0

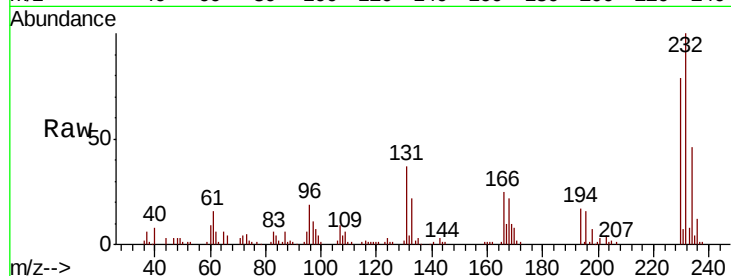




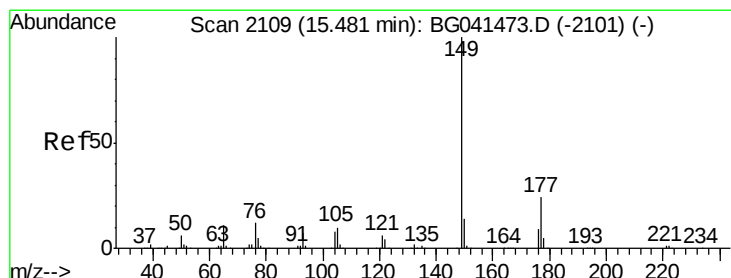
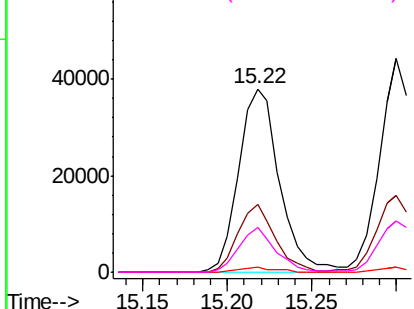
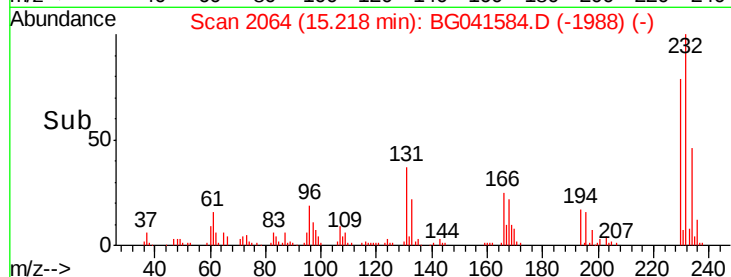
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.590 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.08 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 63672
Ion Ratio Lower Upper
232 100
131 34.0 29.8 44.6
130 2.1 2.0 3.0
166 22.2 20.2 30.2

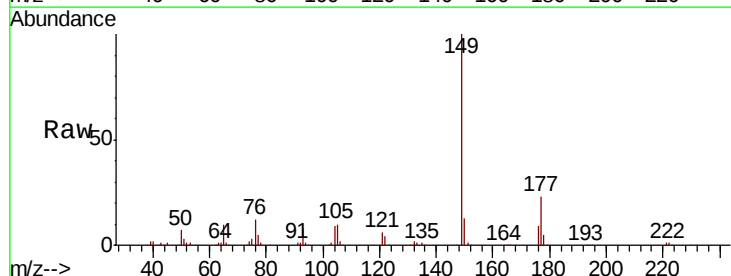


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

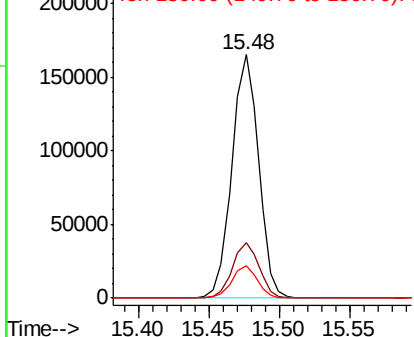
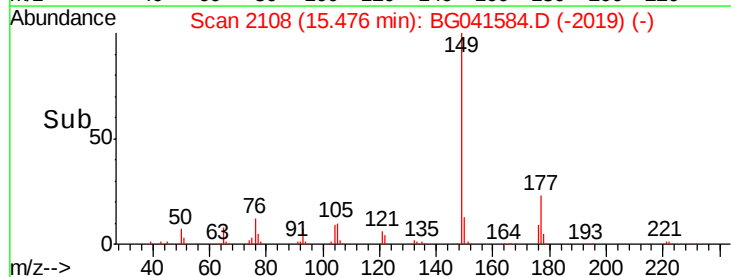


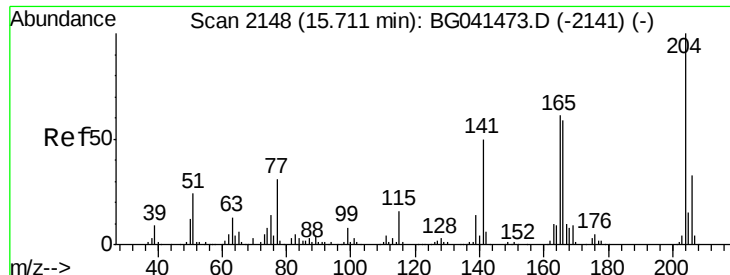
#60
Diethylphthalate
Concen: 37.832 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion:149 Resp: 217552
Ion Ratio Lower Upper
149 100
177 23.0 19.2 28.8
150 13.1 11.2 16.8



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

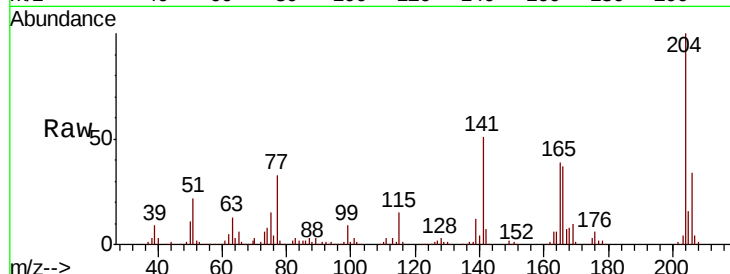




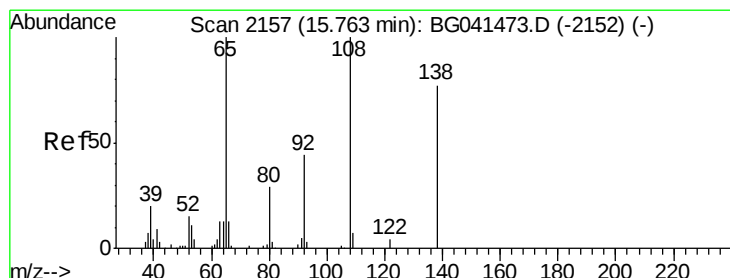
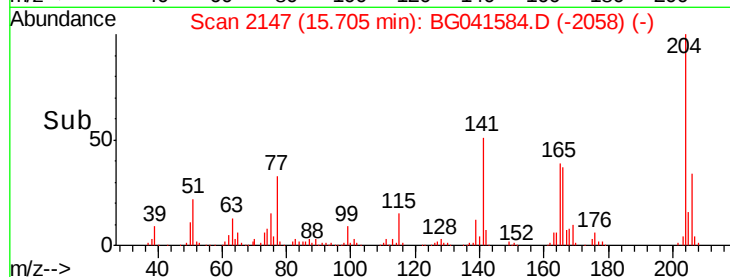
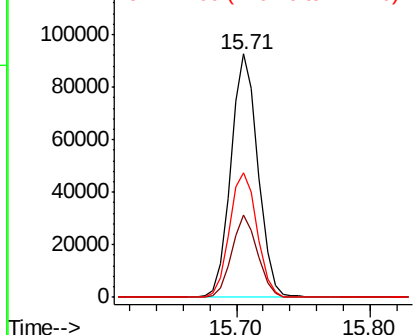
#61
4-Chlorophenyl-phenylether
Concen: 39.355 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 130372
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 51.1 40.1 60.1

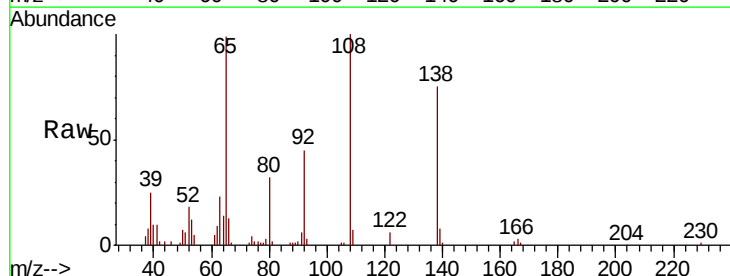


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

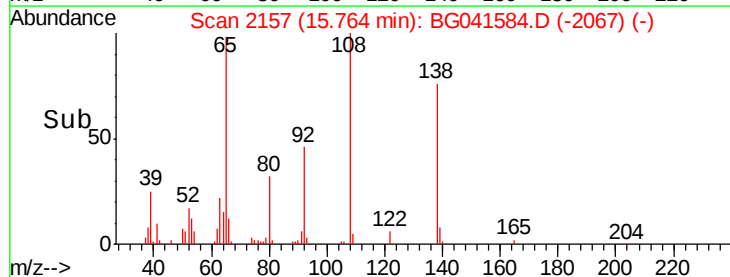
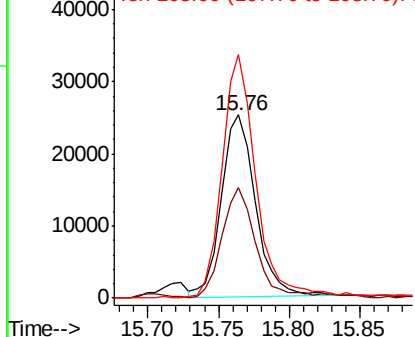


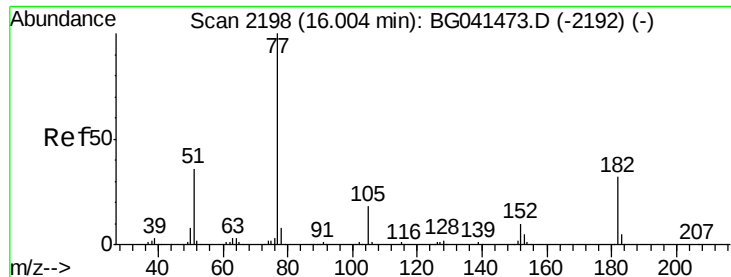
#62
4-Nitroaniline
Concen: 38.324 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion:138 Resp: 42510
Ion Ratio Lower Upper
138 100
92 60.2 34.9 74.9
108 133.0 105.5 145.5



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





#63

Azobenzene

Concen: 37.756 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 183055

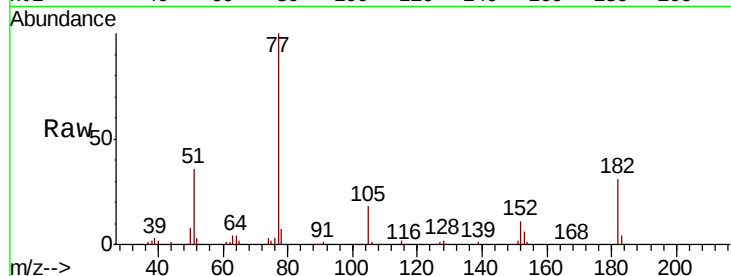
Ion Ratio Lower Upper

77 100

182 31.1 12.2 52.2

105 17.6 0.0 38.1

51 35.5 15.9 55.9

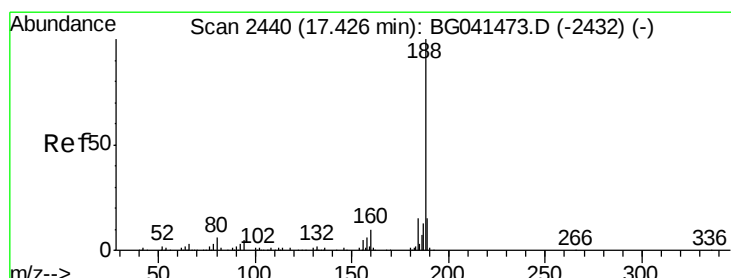
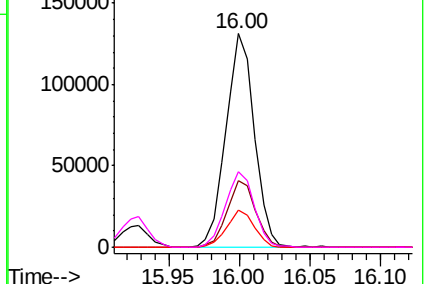
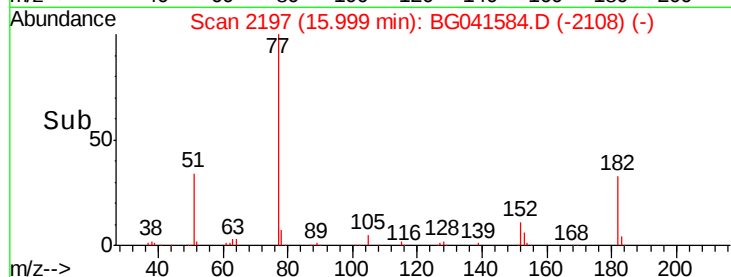


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

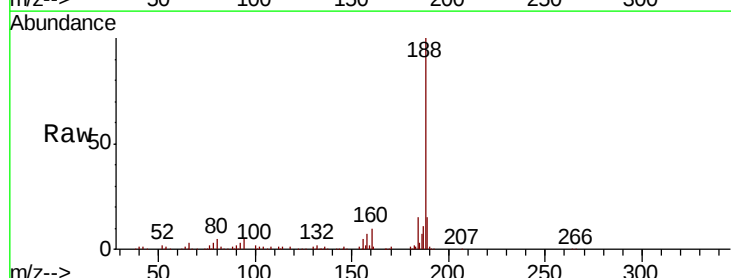
Tgt Ion: 188 Resp: 168009

Ion Ratio Lower Upper

188 100

94 4.7 3.8 5.8

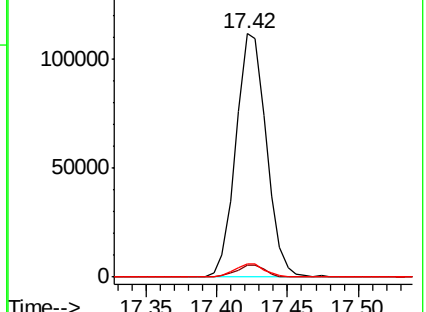
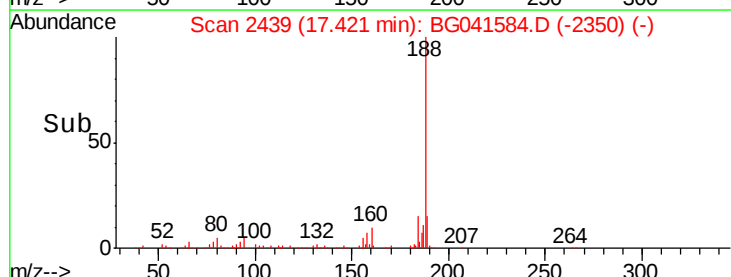
80 5.5 4.8 7.2

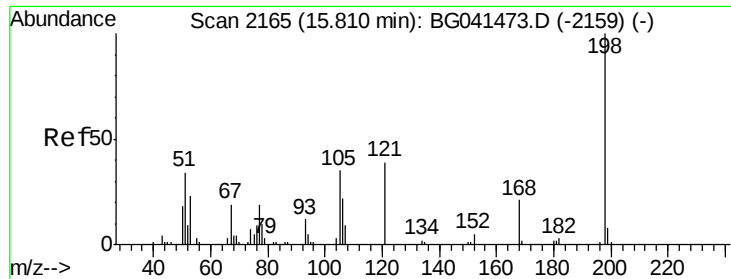


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 23.725 ng

RT: 15.82 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

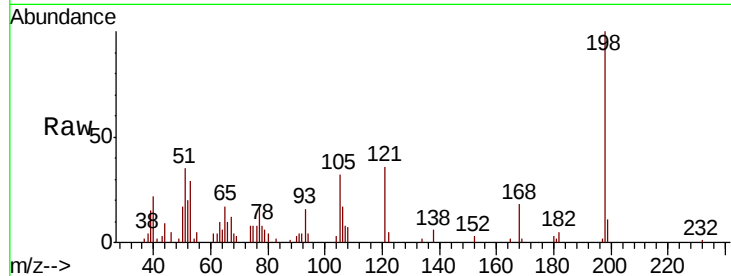
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 24687

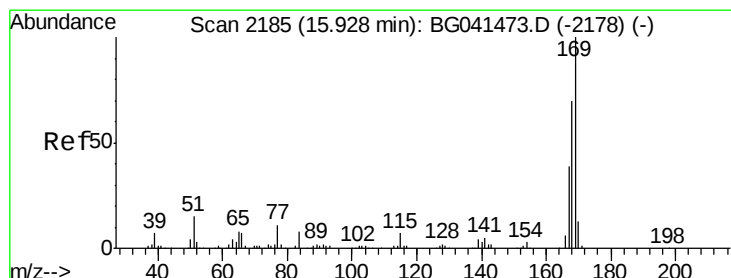
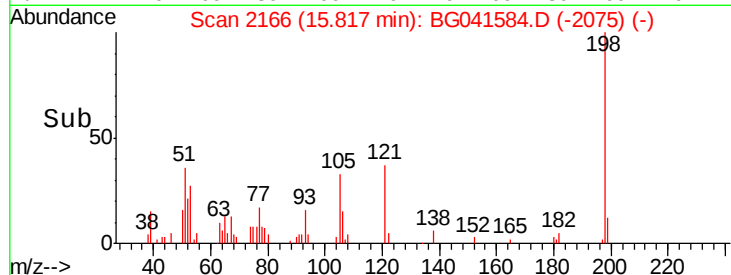
Ion	Ratio	Lower	Upper
198	100		
51	34.7	19.0	59.0
105	32.3	16.1	56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041584.D (-2075) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.223 ng

RT: 15.93 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

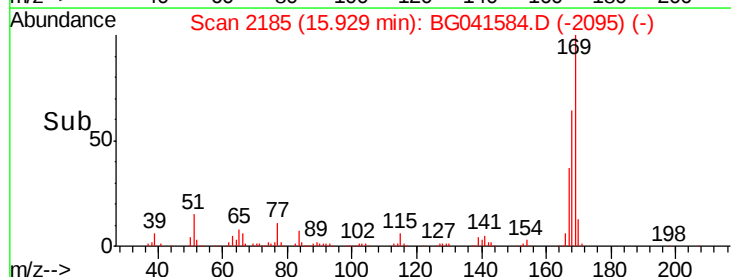
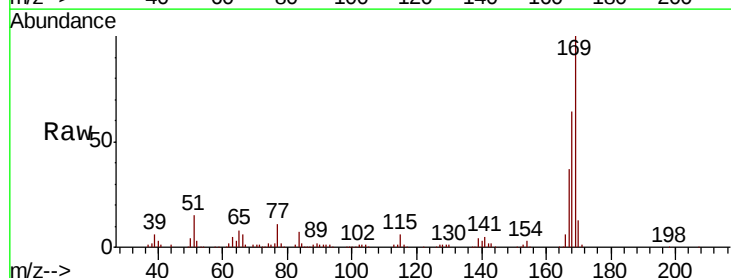
Tgt Ion:169 Resp: 172116

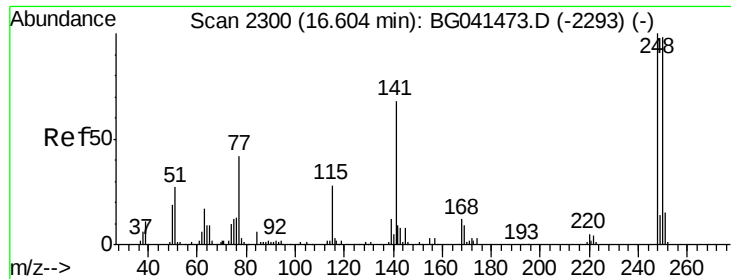
Ion	Ratio	Lower	Upper
169	100		
168	64.2	56.2	84.4
167	37.3	31.0	46.6

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

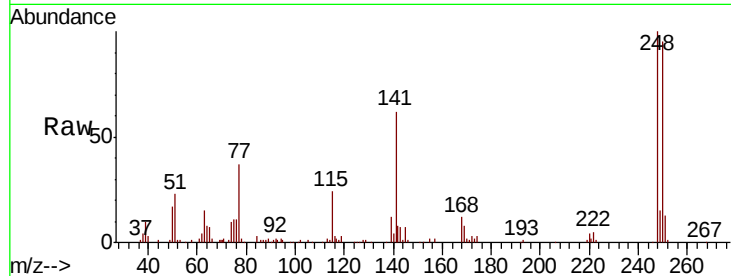




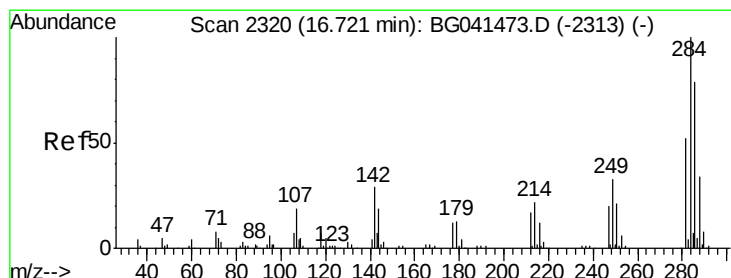
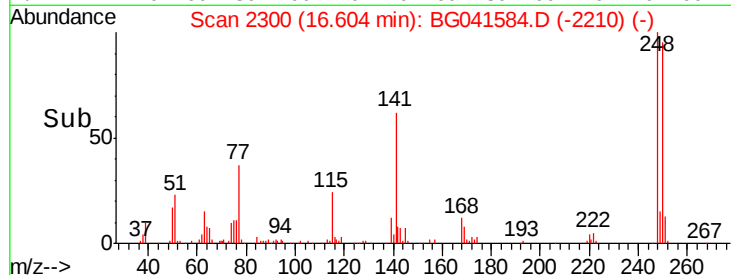
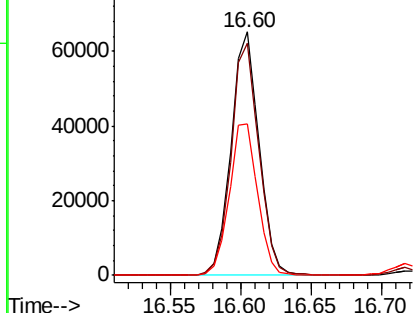
#67
 4-Bromophenyl-phenylether
 Concen: 38.905 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 89323
 Ion Ratio Lower Upper
 248 100
 250 95.3 78.1 117.1
 141 62.3 54.1 81.1

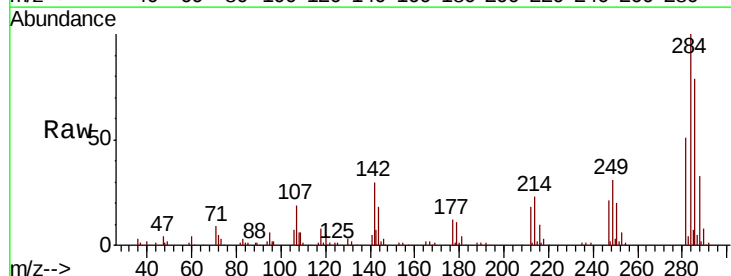


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

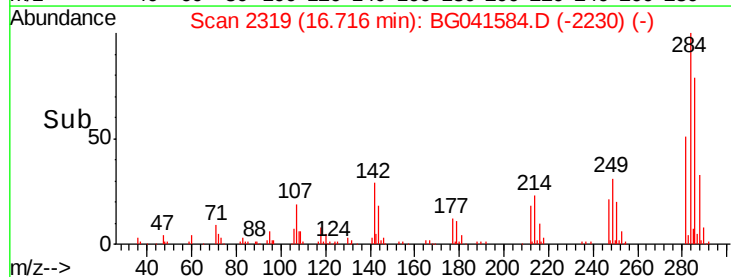
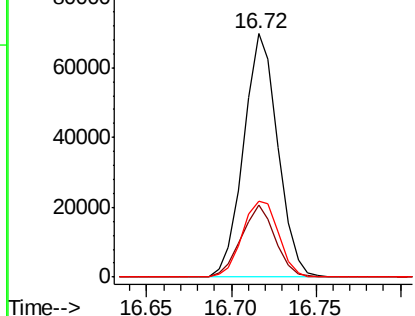


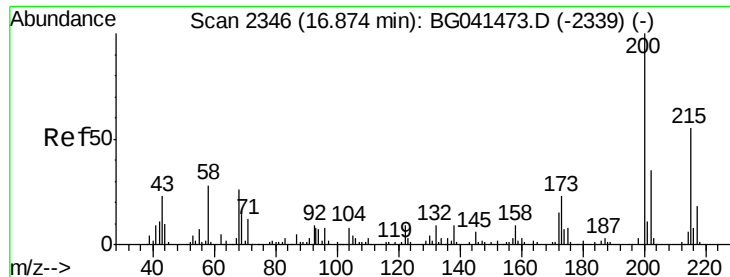
#68
 Hexachlorobenzene
 Concen: 39.638 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion:284 Resp: 98052
 Ion Ratio Lower Upper
 284 100
 142 29.7 22.9 34.3
 249 31.3 26.1 39.1



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: 35.628 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

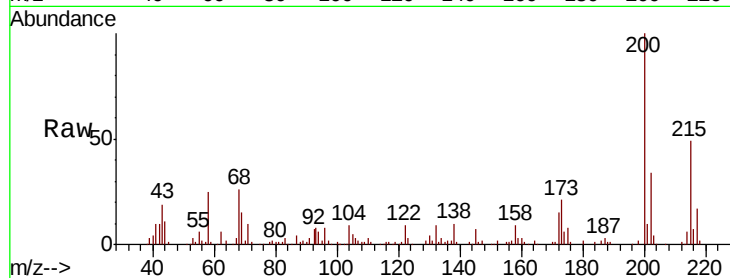
Tot Ion:200 Resp: 69734

Ion Ratio Lower Upper

200 100

173 21.3 3.1 43.1

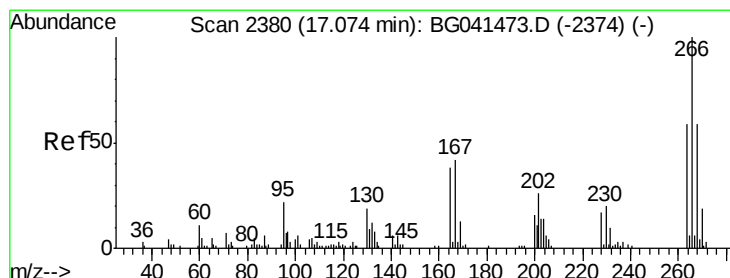
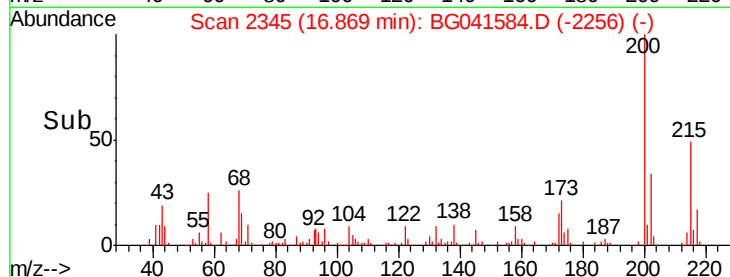
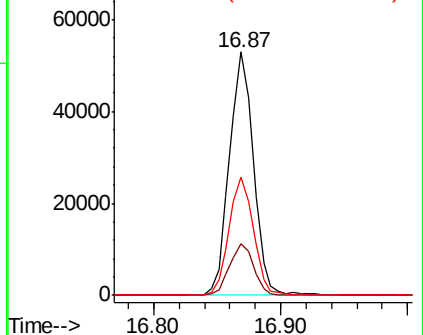
215 48.6 34.7 74.7



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: 32.341 ng

RT: 17.08 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

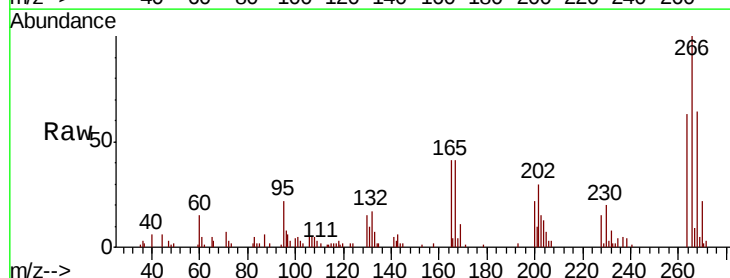
Tgt Ion:266 Resp: 36250

Ion Ratio Lower Upper

266 100

268 64.4 47.0 70.4

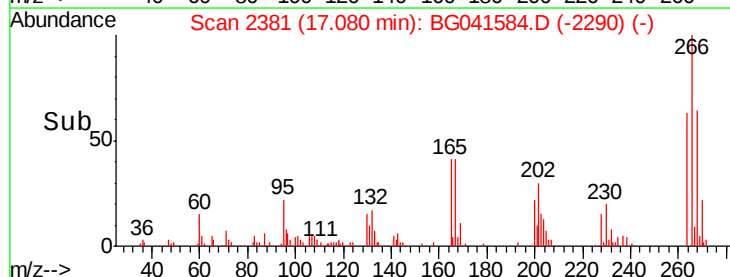
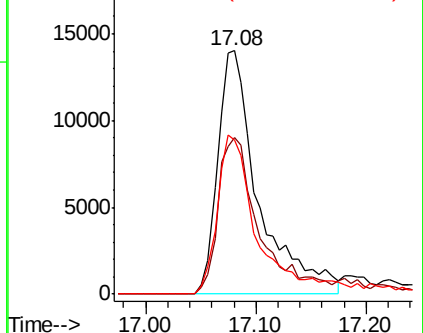
264 63.1 47.4 71.0

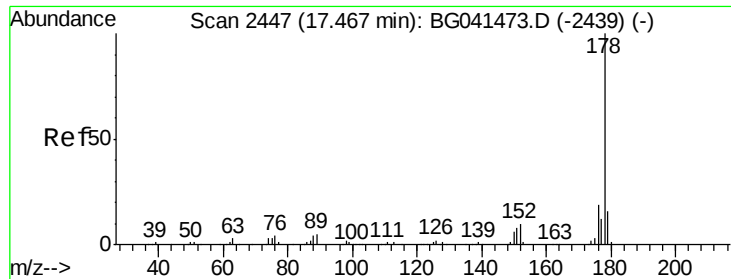


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

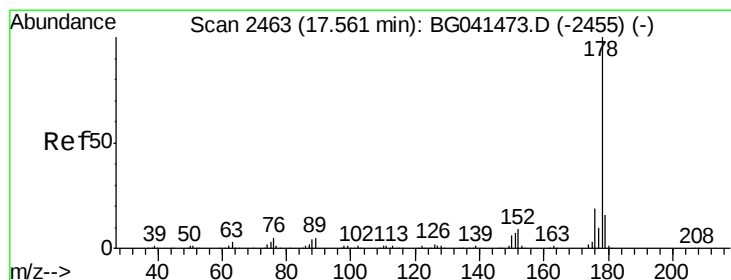
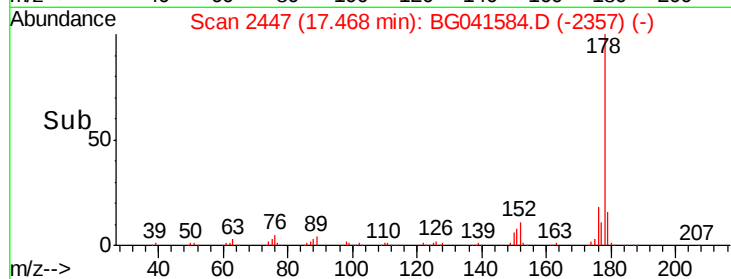
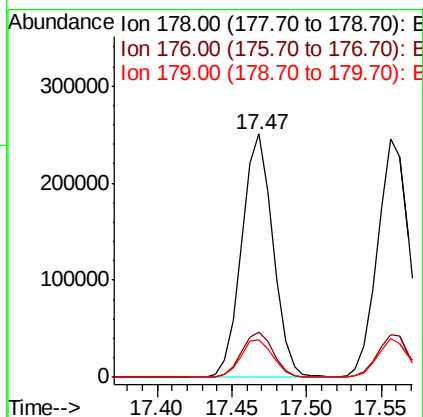
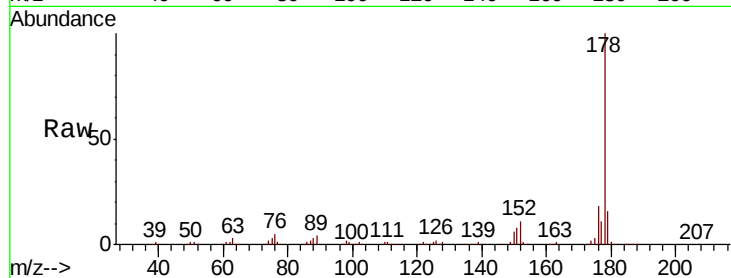




#71
Phenanthrene
Concen: 39.299 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

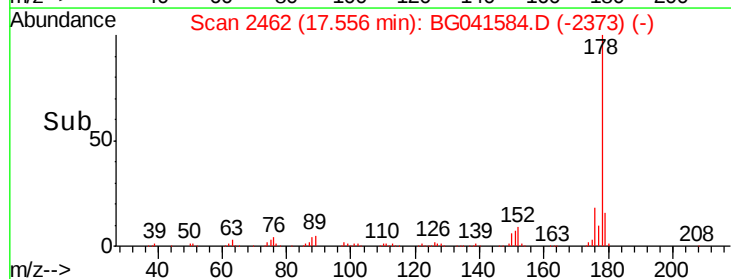
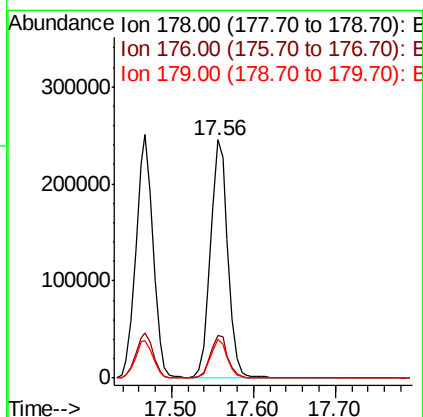
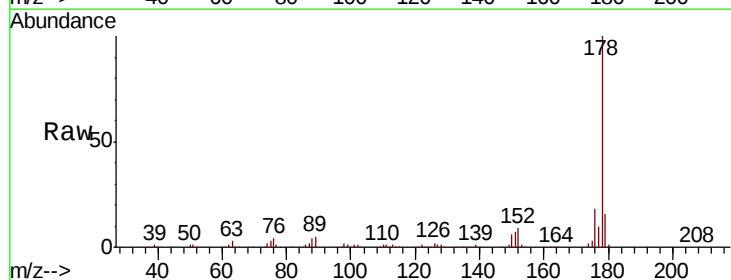
Instrument :
BNA_G
ClientSampleId :

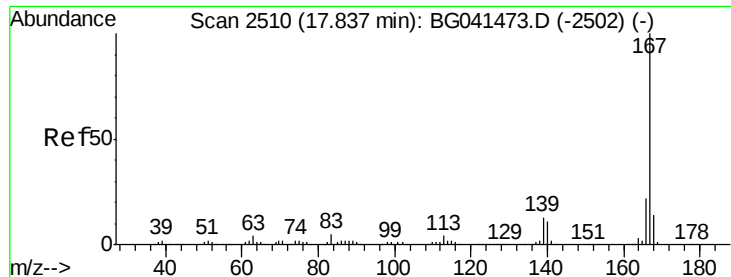
Tot Ion:178 Resp: 363778
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.5 13.0 19.4



#72
Anthracene
Concen: 39.107 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion:178 Resp: 362204
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 16.1 12.8 19.2

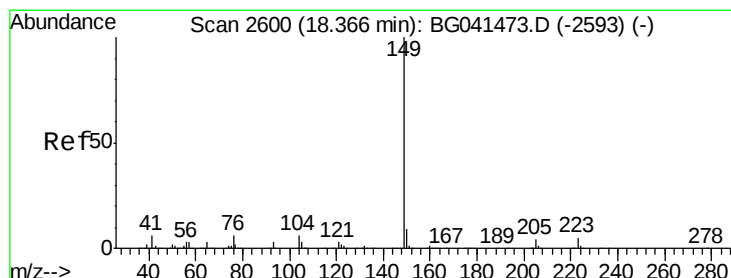
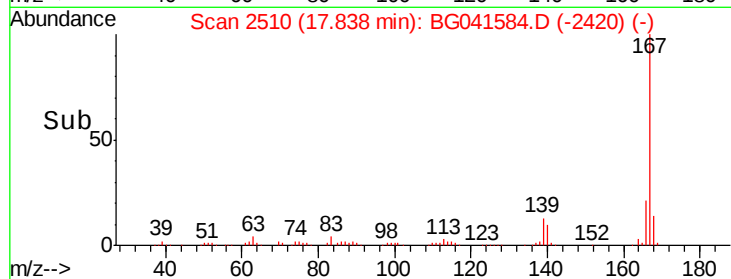
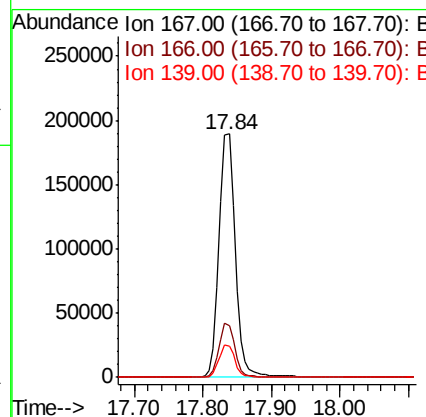
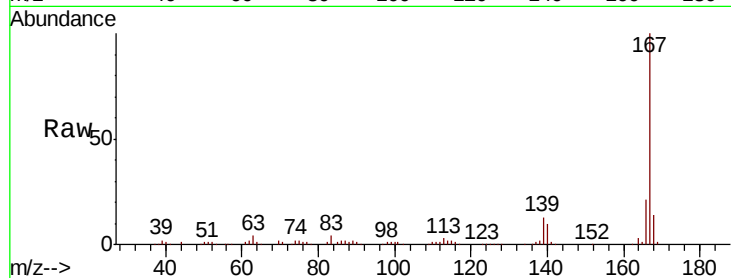




#73
 Carbazole
 Concen: 39.833 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

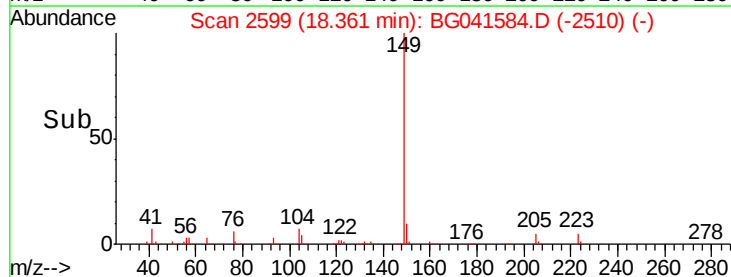
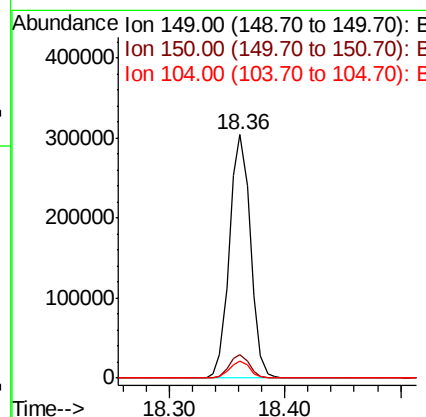
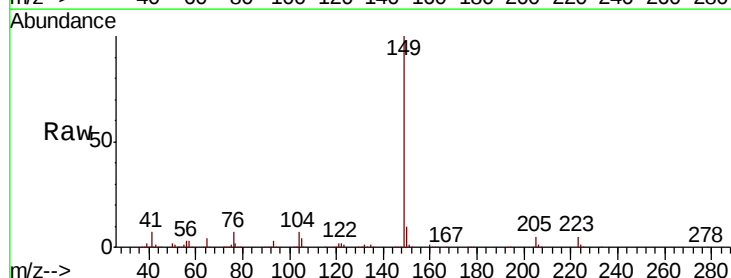
Instrument :
 BNA_G
 ClientSampleId :

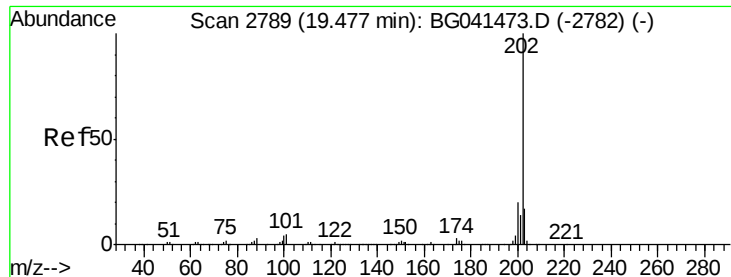
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.8	26.6
139	12.9	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 38.718 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.5	11.3
104	7.1	5.0	7.6





#75

Fluoranthene

Concen: 41.325 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampled :

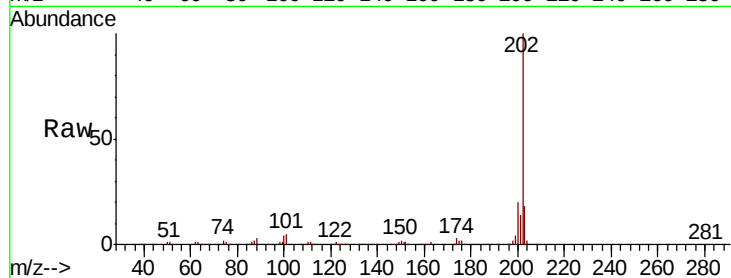
Tot Ion:202 Resp: 510015

Ion Ratio Lower Upper

202 100

101 4.7 0.0 24.9

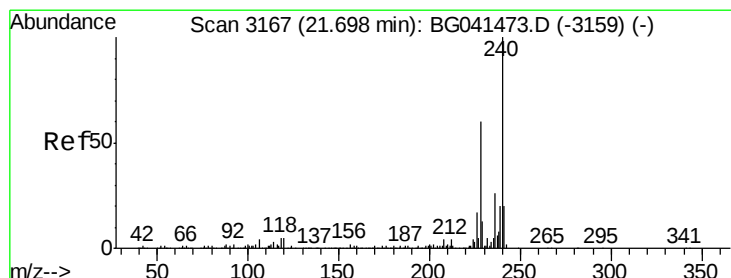
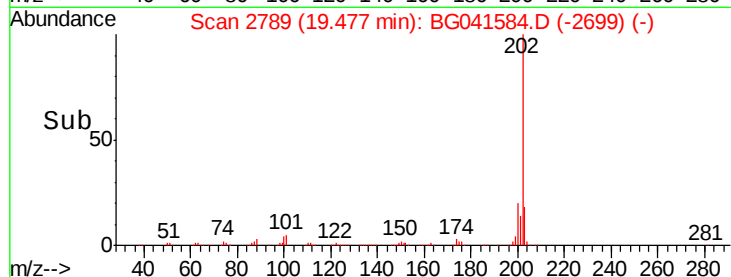
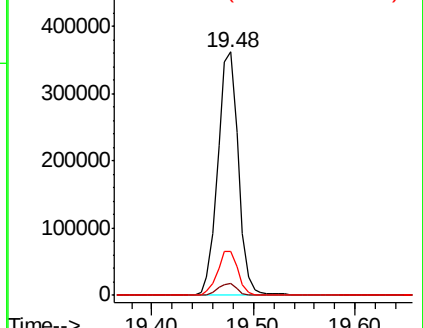
203 17.9 0.0 37.5



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: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

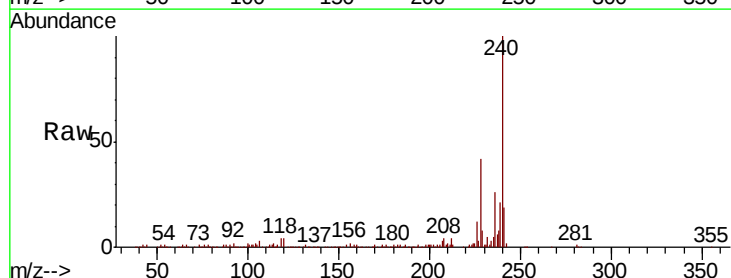
Tgt Ion:240 Resp: 205006

Ion Ratio Lower Upper

240 100

120 3.6 3.7 5.5#

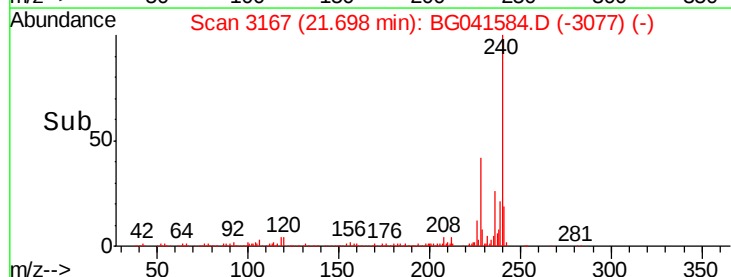
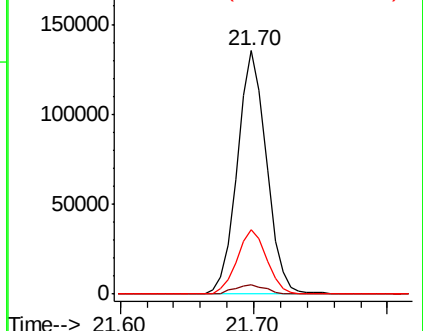
236 26.3 20.8 31.2

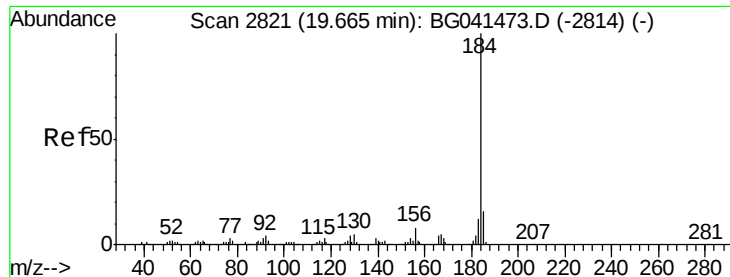


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.108 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

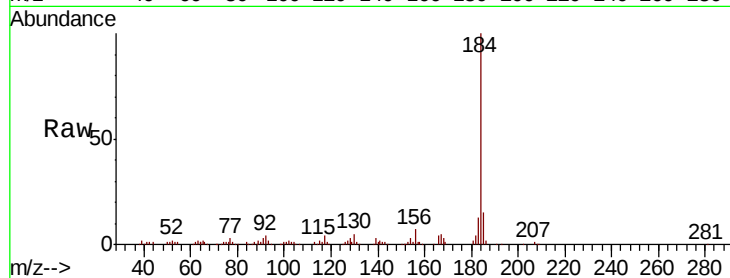
Tot Ion:184 Resp: 164242

Ion Ratio Lower Upper

184 100

185 15.3 12.7 19.1

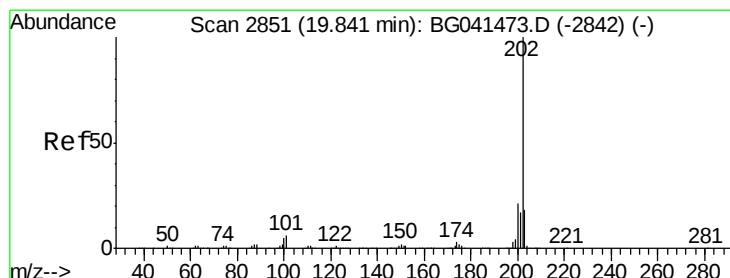
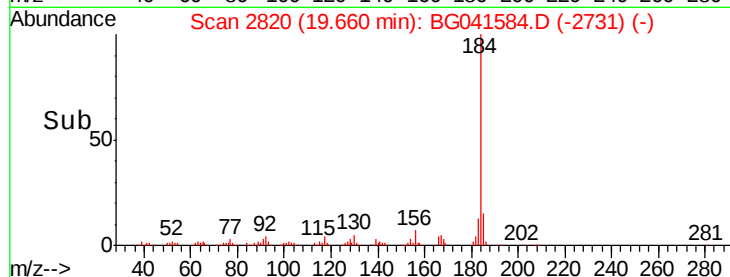
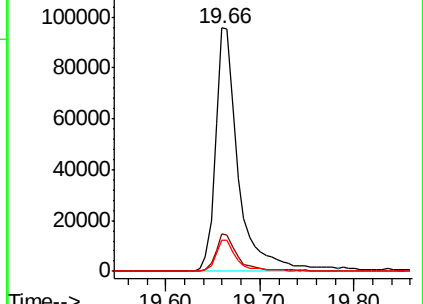
183 12.8 9.4 14.2



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: 37.450 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

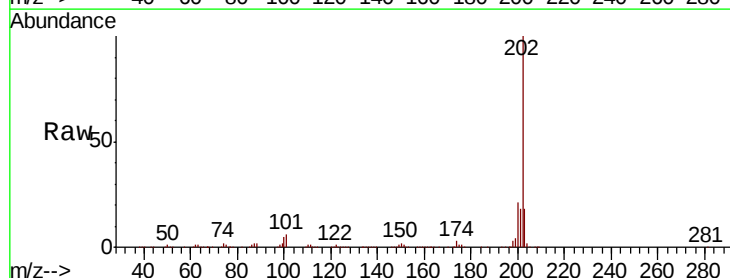
Tgt Ion:202 Resp: 524118

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

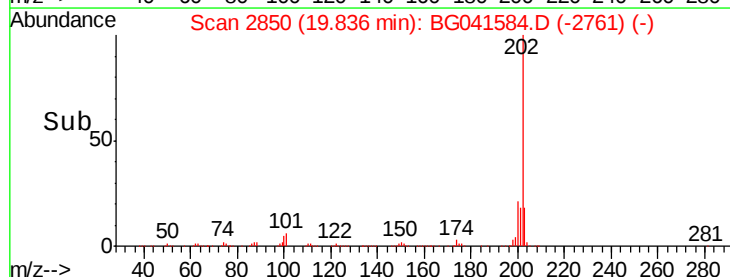
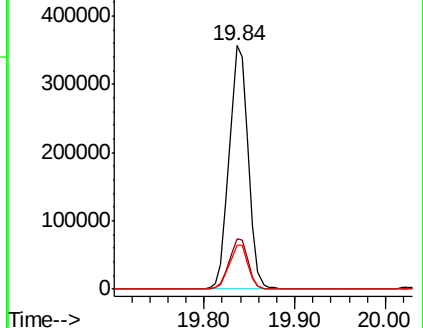
203 18.2 14.2 21.4

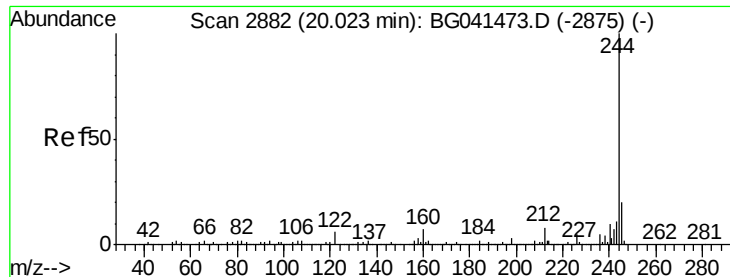


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.159 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

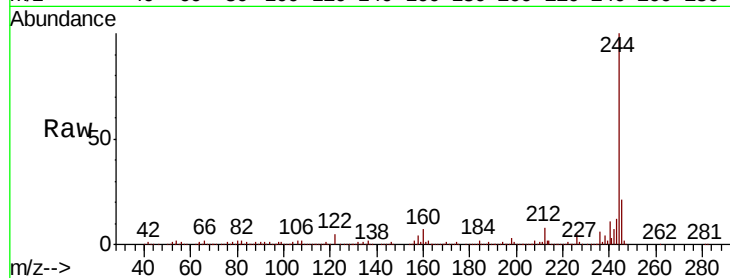
Tot Ion:244 Resp: 734703

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

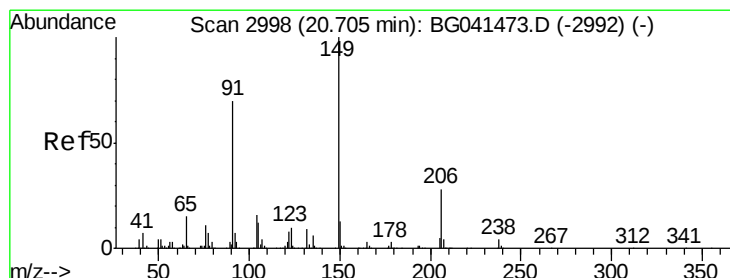
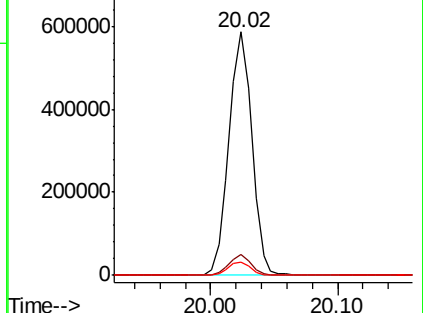
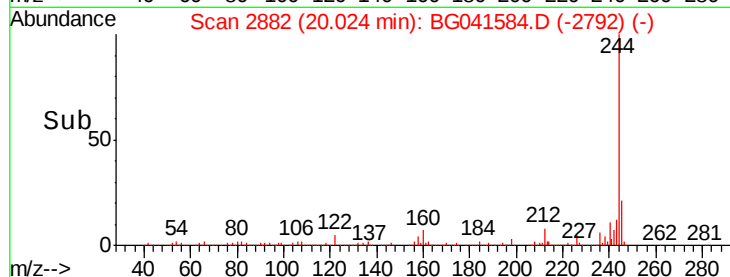
122 5.5 4.8 7.2



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: 35.815 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

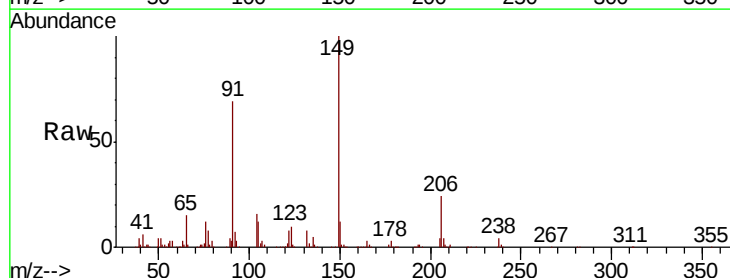
Tgt Ion:149 Resp: 187195

Ion Ratio Lower Upper

149 100

91 68.8 55.9 83.9

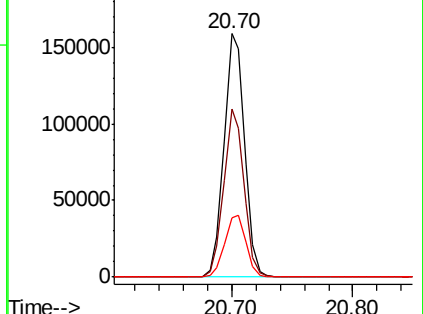
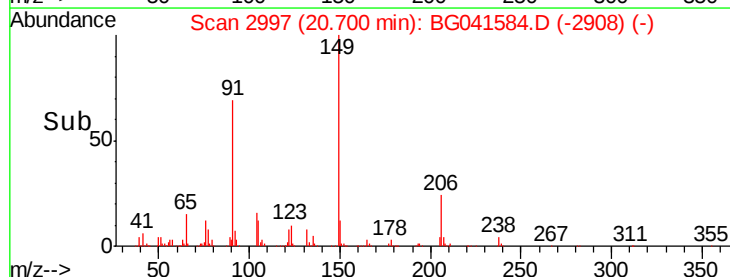
206 24.4 22.1 33.1

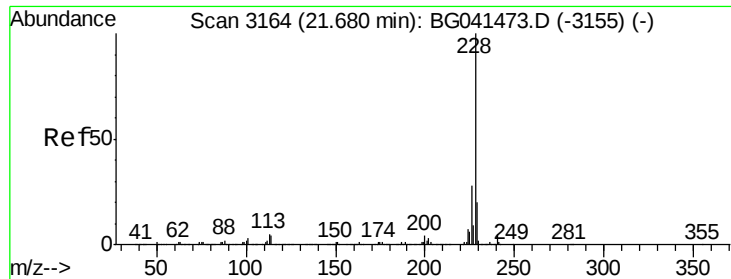


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.032 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

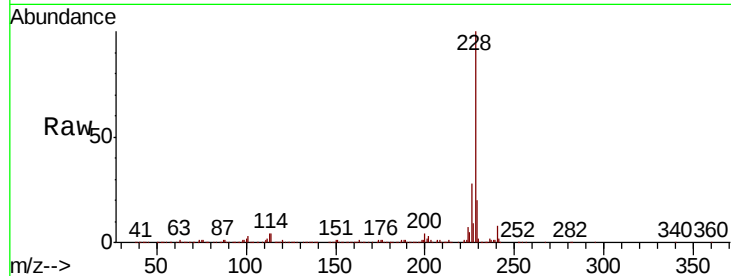
Tot Ion:228 Resp: 556312

Ion Ratio Lower Upper

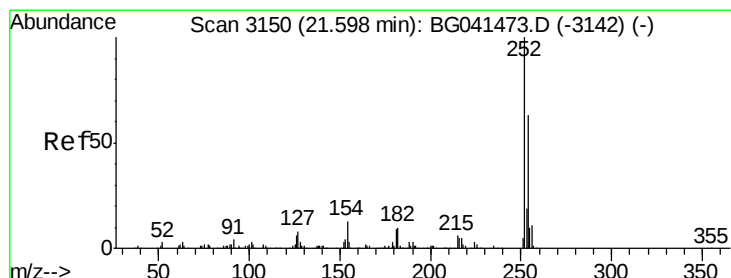
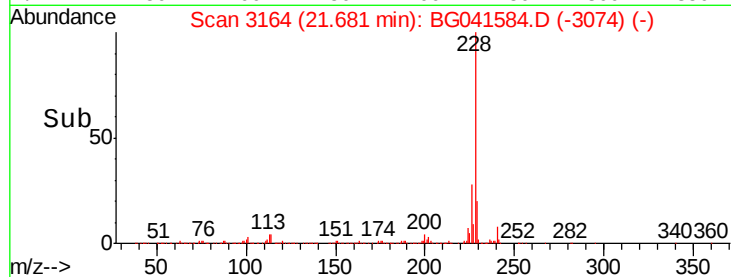
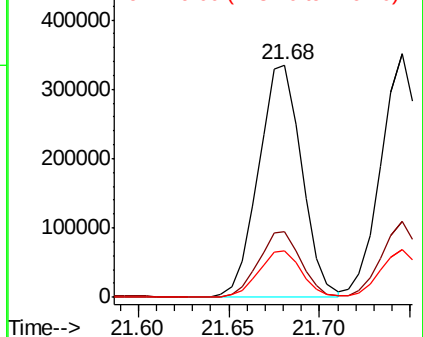
228 100

226 28.2 22.6 33.8

229 20.0 16.1 24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 39.675 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

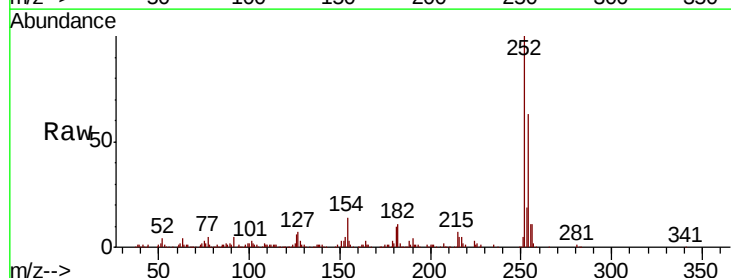
Tgt Ion:252 Resp: 195813

Ion Ratio Lower Upper

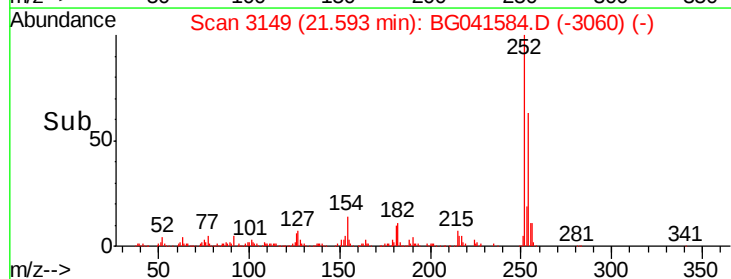
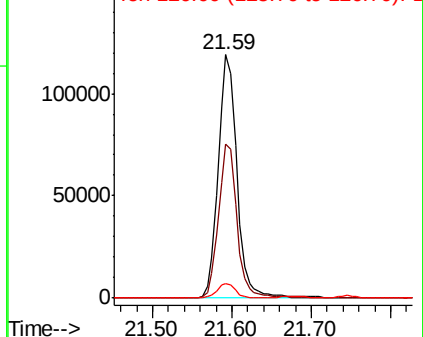
252 100

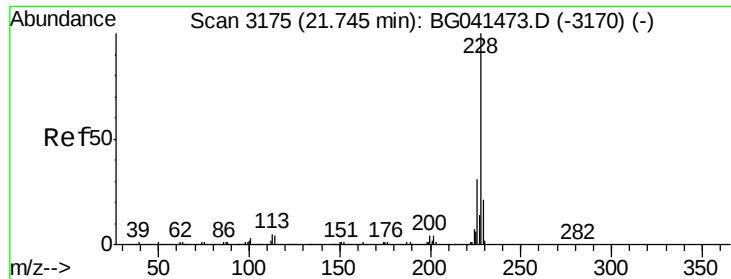
254 63.3 50.4 75.6

126 6.1 4.9 7.3



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

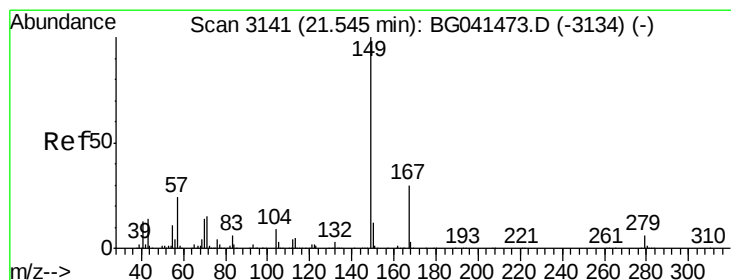
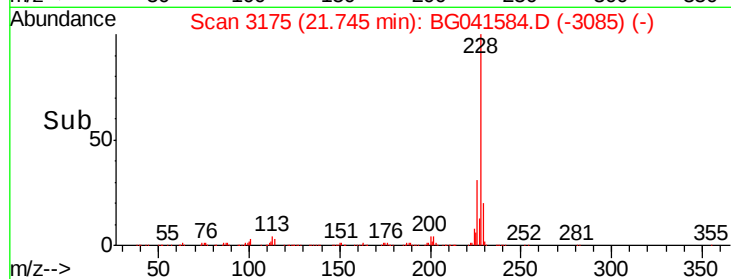
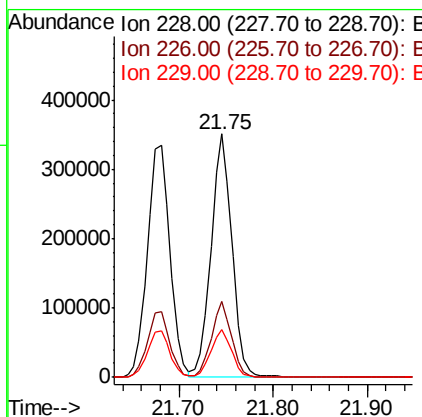
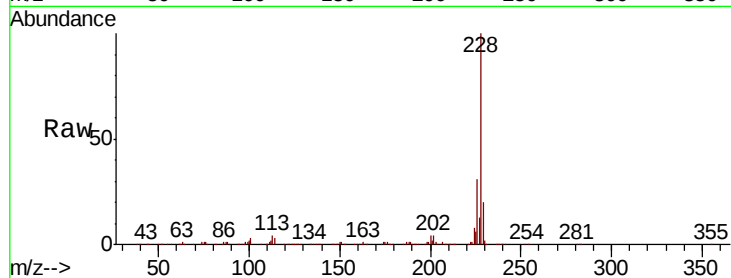




#83
 Chrvsene
 Concen: 39.654 ng
 RT: 21.75 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

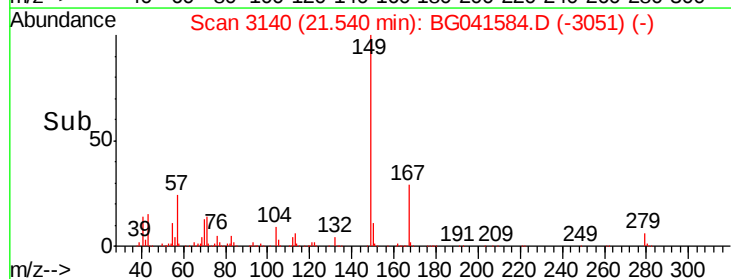
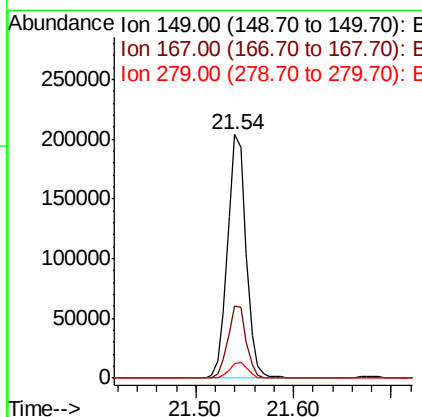
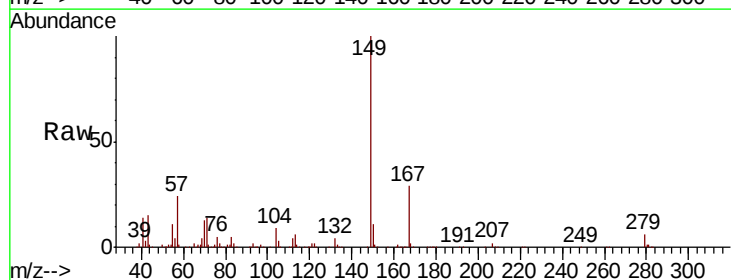
Instrument :
 BNA_G
 ClientSampleId :

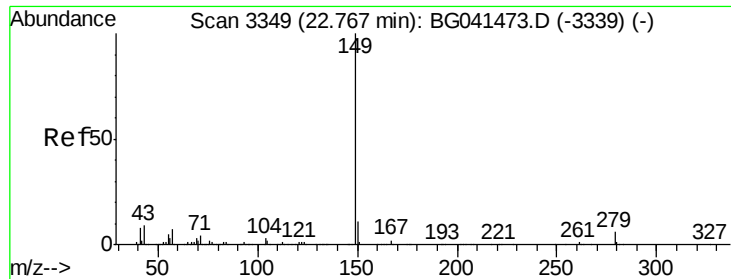
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.4
229	19.8	16.8	25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.304 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG041584.D
 Acq: 3 Jul 2019 10:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.6	35.4
279	6.1	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 36.911 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

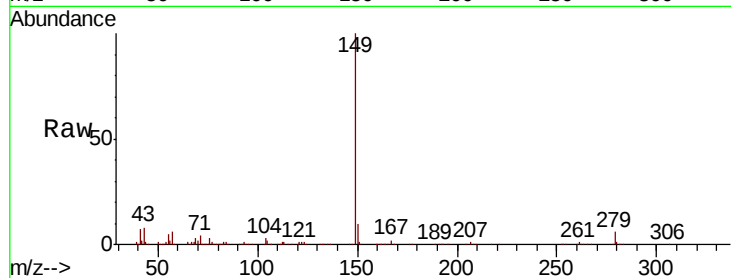
Tot Ion:149 Resp: 462839

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

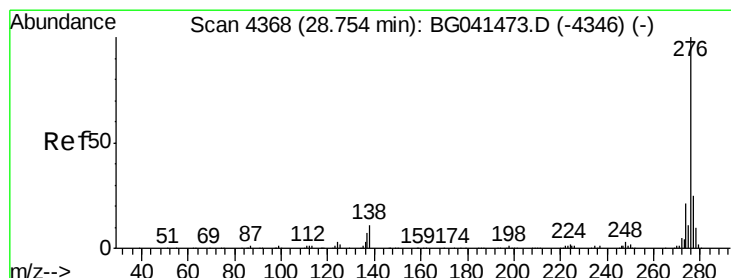
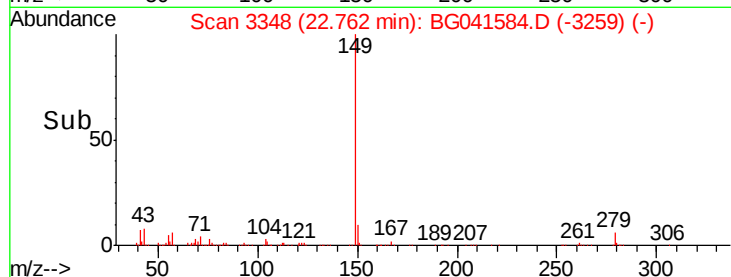
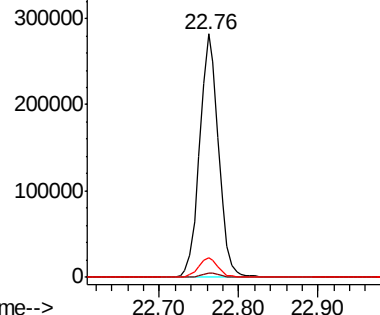
43 8.4 7.2 10.8



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: 39.158 ng

RT: 28.77 min Scan# 4370

Delta R.T. 0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

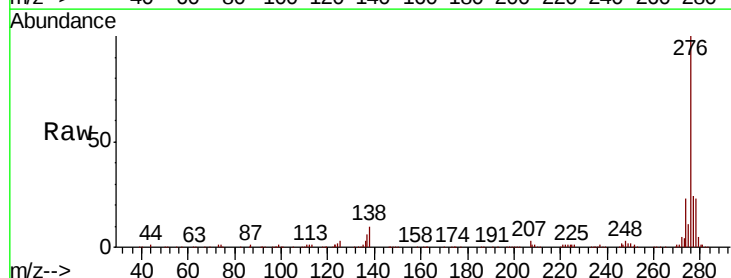
Tgt Ion:276 Resp: 654153

Ion Ratio Lower Upper

276 100

138 8.5 4.9 7.3#

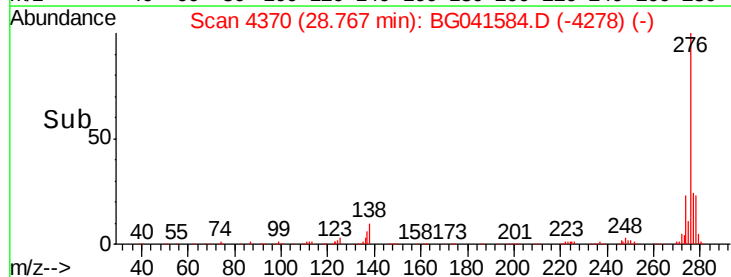
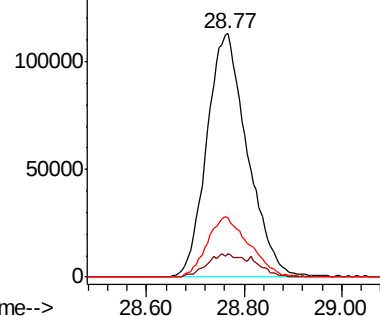
277 25.6 20.4 30.6

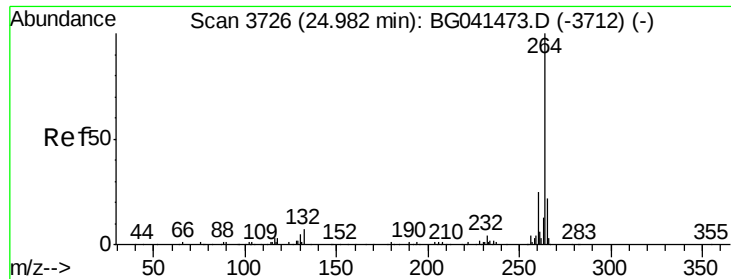


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



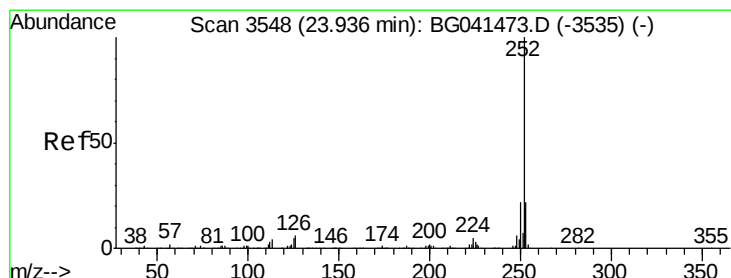
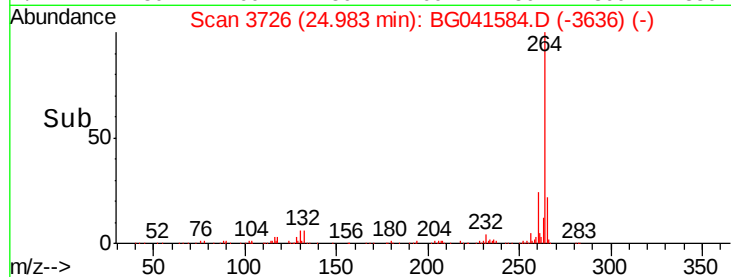
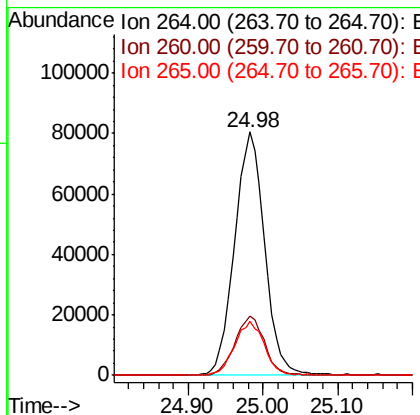
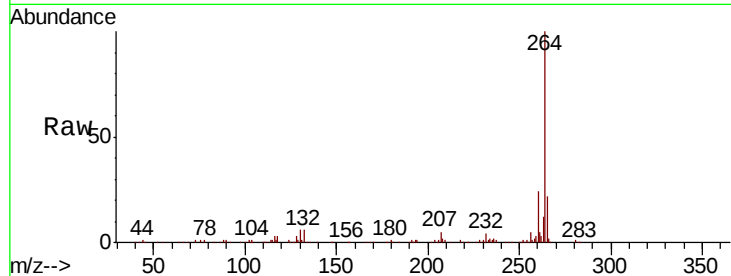


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 224743

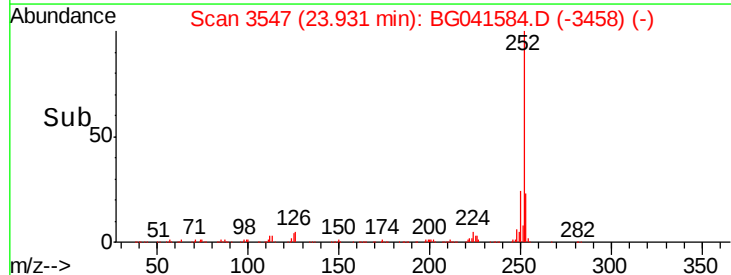
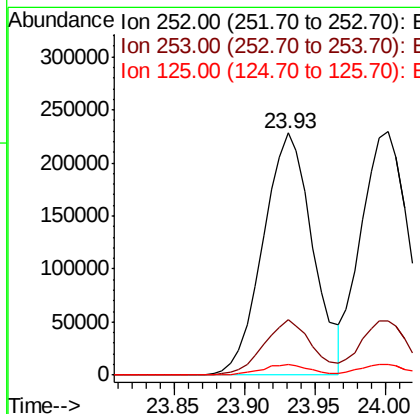
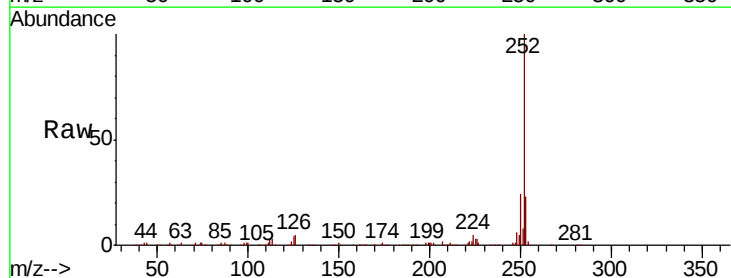
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.0	17.4	26.2

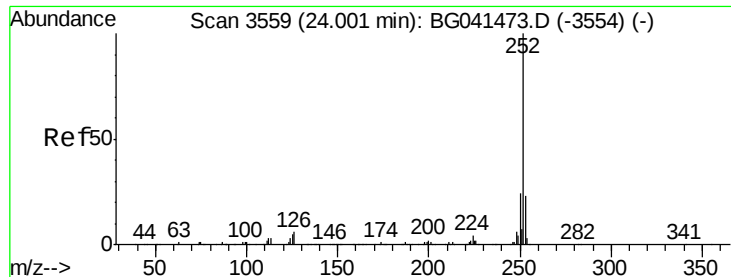


#88
Benzo(b)fluoranthene
Concen: 39.142 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion:252 Resp: 561083

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	4.5	3.8	5.8

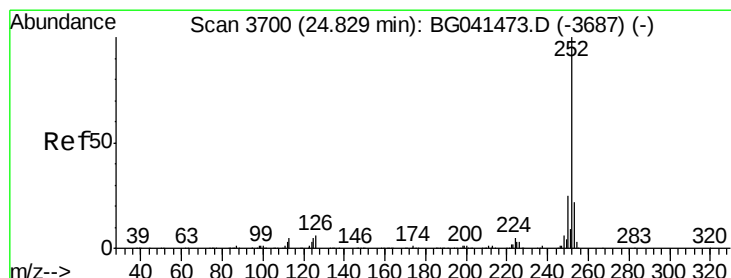
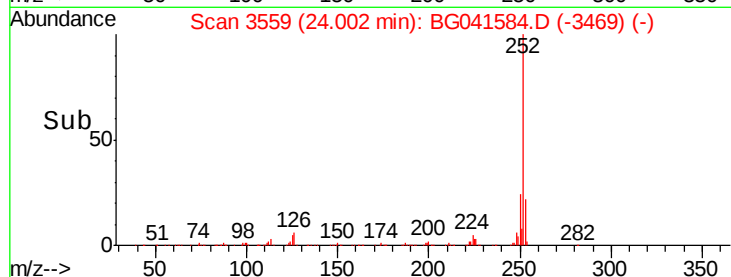
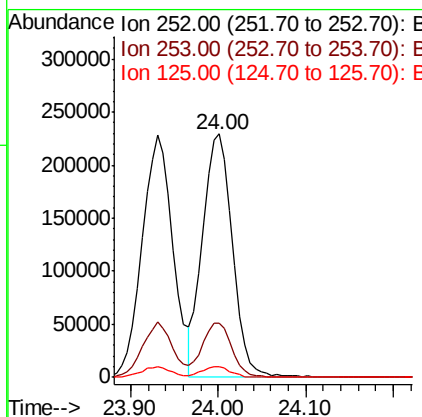
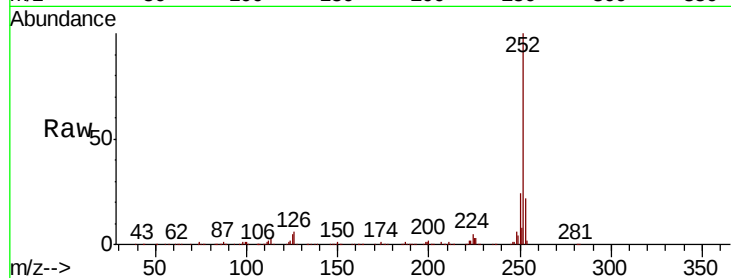




#89
Benzo(k)fluoranthene
Concen: 38.714 ng
RT: 24.00 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

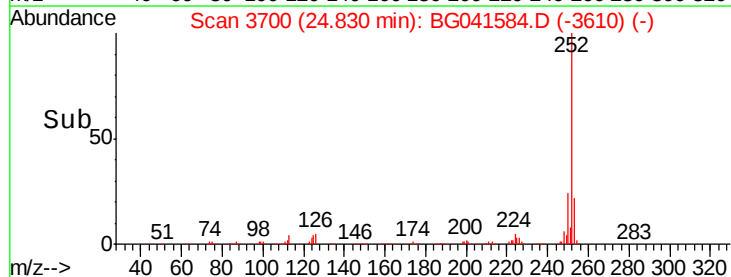
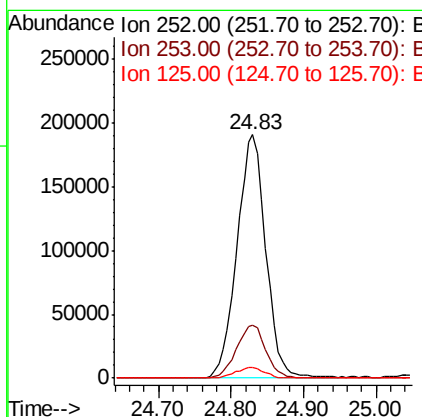
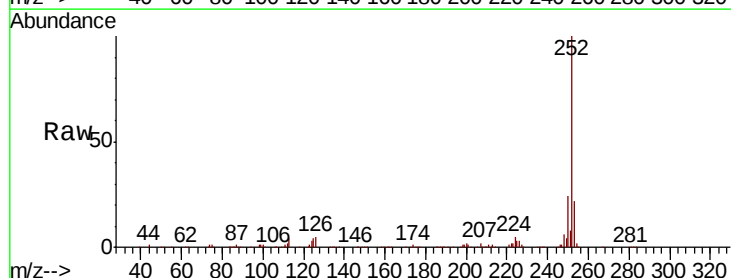
Instrument :
BNA_G
ClientSampleId :

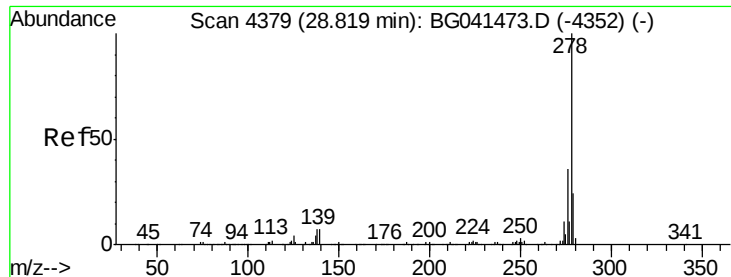
Tot Ion:252 Resp: 544840
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 4.6 4.0 6.0



#90
Benzo(a)pyrene
Concen: 38.583 ng
RT: 24.83 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BG041584.D
Acq: 3 Jul 2019 10:45

Tgt Ion:252 Resp: 525279
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 4.4 4.4 6.6#





#91

Dibenzo(a,h)anthracene

Concen: 39.241 ng

RT: 28.81 min Scan# 4378

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

Instrument :

BNA_G

ClientSampleId :

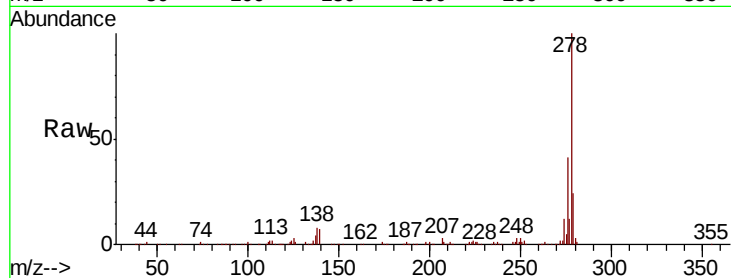
Tot Ion:278 Resp: 535222

Ion Ratio Lower Upper

278 100

139 7.2 5.9 8.9

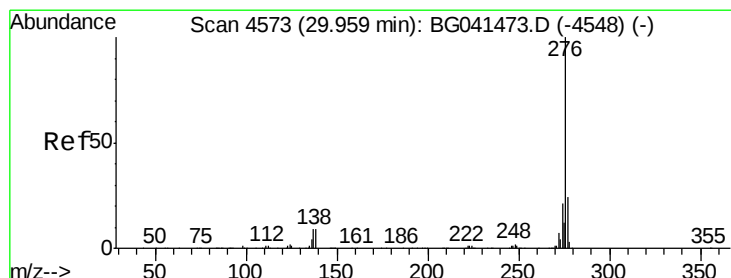
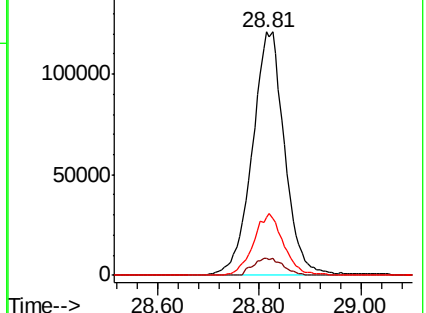
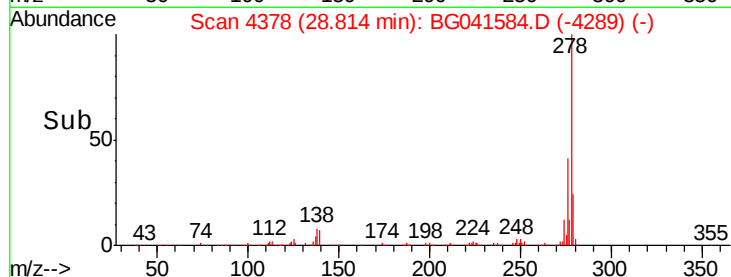
279 23.6 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.887 ng

RT: 29.95 min Scan# 4571

Delta R.T. -0.01 min

Lab File: BG041584.D

Acq: 3 Jul 2019 10:45

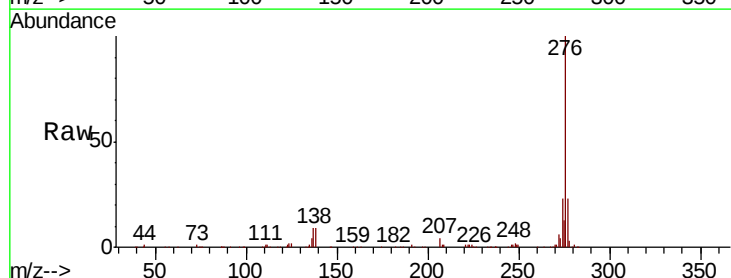
Tgt Ion:276 Resp: 527352

Ion Ratio Lower Upper

276 100

277 22.9 19.4 29.2

138 9.2 7.6 11.4



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

