

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
 Data File : BG043303.D
 Acq On : 22 Oct 2019 12:27
 Operator : JU
 Sample : PB123887BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Quant Time: Oct 22 13:06:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33773	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129651	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	95915	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	232726	20.00	ng	0.00
76) Chrysene-d12	21.67	240	289124	20.00	ng	0.00
87) Perylene-d12	24.87	264	334475	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	132203	71.73	ng	0.00
7) Phenol-d6	7.20	99	181968	68.62	ng	0.00
23) Nitrobenzene-d5	9.19	82	172681	68.66	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	122152	66.92	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	484103	69.74	ng	0.00
79) Terphenyl-d14	20.01	244	1006590	65.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	27567	38.382	ng	97
3) Pyridine	3.89	79	61181	33.769	ng	95
4) n-Nitrosodimethylamine	3.80	42	37868	41.421	ng	100
6) Aniline	7.35	93	89356	29.252	ng	94
8) 2-Chlorophenol	7.59	128	86580	42.556	ng	98
9) Benzaldehyde	7.17	77	49777	38.197	ng	94
10) Phenol	7.23	94	102716	42.390	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	74140	39.575	ng	96
12) 1,3-Dichlorobenzene	7.92	146	95634	37.517	ng	95
13) 1,4-Dichlorobenzene	8.06	146	97696	37.881	ng	96
14) 1,2-Dichlorobenzene	8.38	146	95528	37.936	ng	96
15) Benzyl Alcohol	8.26	79	73324	39.373	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	100172	36.773	ng	97
17) 2-Methylphenol	8.48	107	72474	41.028	ng	96
18) Hexachloroethane	9.11	117	34998	37.612	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	63502	37.060	ng	98
20) 3+4-Methylphenols	8.80	107	93830	38.737	ng	92
22) Acetophenone	8.85	105	122523	36.902	ng	# 98
24) Nitrobenzene	9.23	77	97139	40.548	ng	96
25) Isophorone	9.75	82	175588	38.190	ng	95
26) 2-Nitrophenol	9.94	139	48713	42.118	ng	99
27) 2,4-Dimethylphenol	10.01	122	80428	48.518	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	98954	38.995	ng	100
29) 2,4-Dichlorophenol	10.48	162	90474	42.597	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	100403	37.506	ng	100
31) Naphthalene	10.88	128	265952	40.412	ng	98
32) Benzoic acid	10.16	122	34041	30.873	ng	84
33) 4-Chloroaniline	11.00	127	50115	18.577	ng	98
34) Hexachlorobutadiene	11.17	225	74163	37.477	ng	97
35) Caprolactam	11.77	113	11006	15.046	ng	# 69
36) 4-Chloro-3-methylphenol	12.12	107	97499	42.083	ng	96
37) 2-Methylnaphthalene	12.48	142	199181	39.446	ng	96
38) 1-Methylnaphthalene	12.70	142	193642	40.305	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	131430	37.026	ng	# 99

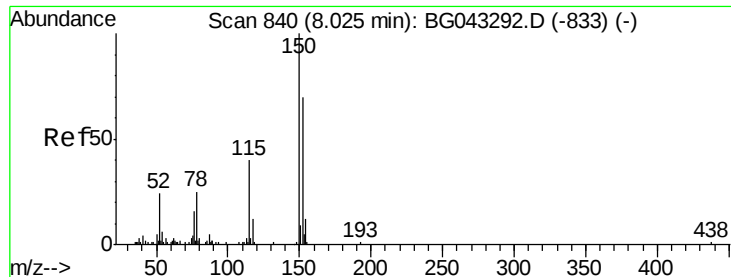
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	179556	96.294	ng	95
43) 2,4,6-Trichlorophenol	13.09	196	86499	41.378	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	91452	43.273	ng	95
46) 1,1'-Biphenyl	13.49	154	275799	37.798	ng	99
47) 2-Chloronaphthalene	13.53	162	214202	38.582	ng	97
48) 2-Nitroaniline	13.74	65	63015	37.976	ng	99
49) Acenaphthylene	14.37	152	358569	41.498	ng	97
50) Dimethylphthalate	14.10	163	290648	39.122	ng	100
51) 2,6-Dinitrotoluene	14.22	165	66375	41.125	ng	93
52) Acenaphthene	14.72	154	206695	39.226	ng	96
53) 3-Nitroaniline	14.56	138	39793	25.536	ng	99
54) 2,4-Dinitrophenol	14.77	184	75887	75.723	ng	93
55) Dibenzofuran	15.05	168	339791	39.764	ng	99
56) 4-Nitrophenol	14.88	139	99271	95.064	ng	93
57) 2,4-Dinitrotoluene	15.01	165	94316	40.890	ng	97
58) Fluorene	15.70	166	288892	40.309	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	96698	43.065	ng	# 98
60) Diethylphthalate	15.47	149	291027	38.986	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	164172	39.266	ng	99
62) 4-Nitroaniline	15.73	138	63632	39.540	ng	94
63) Azobenzene	15.98	77	245760	40.679	ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	58544	42.745	ng	96
66) n-Nitrosodiphenylamine	15.91	169	257571	39.201	ng	96
67) 4-Bromophenyl-phenylether	16.58	248	116606	37.231	ng	99
68) Hexachlorobenzene	16.71	284	129042	35.894	ng	98
69) Atrazine	16.85	200	104964	45.975	ng	96
70) Pentachlorophenol	17.05	266	150845	92.082	ng	93
71) Phenanthrene	17.44	178	478229	40.129	ng	99
72) Anthracene	17.54	178	484126	40.603	ng	99
73) Carbazole	17.81	167	454026	42.049	ng	99
74) Di-n-butylphthalate	18.36	149	542347	41.396	ng	99
75) Fluoranthene	19.45	202	674286	43.400	ng	99
77) Benzidine	19.63	184	290381	49.905	ng	98
78) Pyrene	19.81	202	689664	38.536	ng	99
80) Butylbenzylphthalate	20.70	149	259619	38.290	ng	98
81) Benzo(a)anthracene	21.65	228	718635	39.681	ng	99
82) 3,3'-Dichlorobenzidine	21.57	252	186453	26.618	ng	97
83) Chrysene	21.71	228	724306	40.252	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	385027	39.976	ng	98
85) Di-n-octyl phthalate	22.75	149	653519	39.994	ng	100
86) Indeno(1,2,3-cd)pyrene	28.52	276	923730	40.896	ng	99
88) Benzo(b)fluoranthene	23.85	252	780361	41.194	ng	98
89) Benzo(k)fluoranthene	23.92	252	778107	40.801	ng	100
90) Benzo(a)pyrene	24.72	252	767901	42.449	ng	98
91) Dibenzo(a,h)anthracene	28.58	278	763895	41.285	ng	98
92) Benzo(g,h,i)perylene	29.66	276	767369	42.044	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

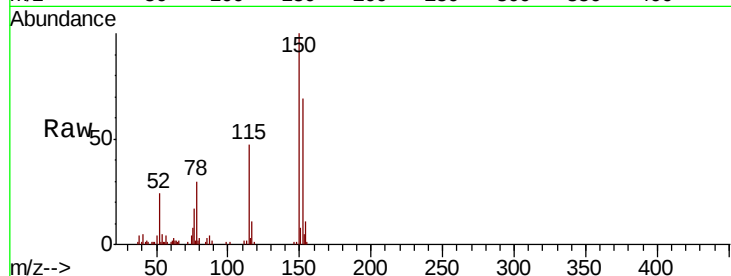
Tot Ion:152 Resp: 33773

Ion Ratio Lower Upper

152 100

150 144.6 113.6 170.4

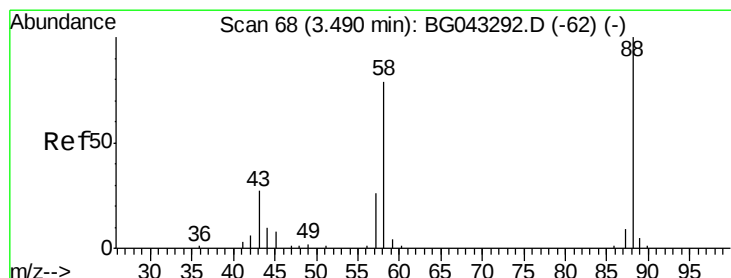
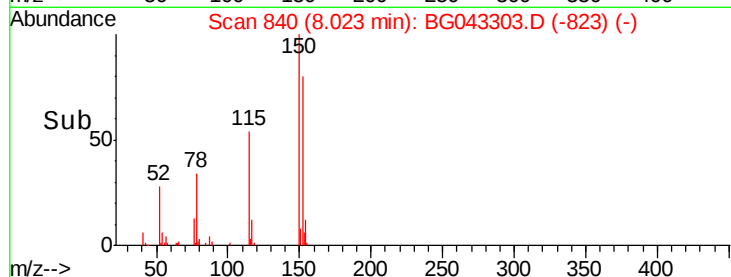
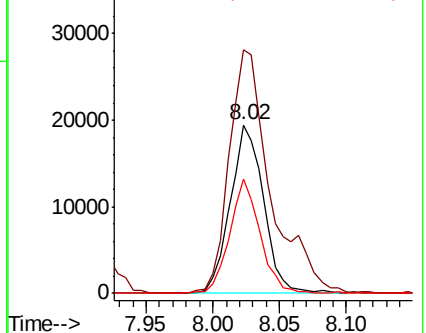
115 67.7 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.382 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

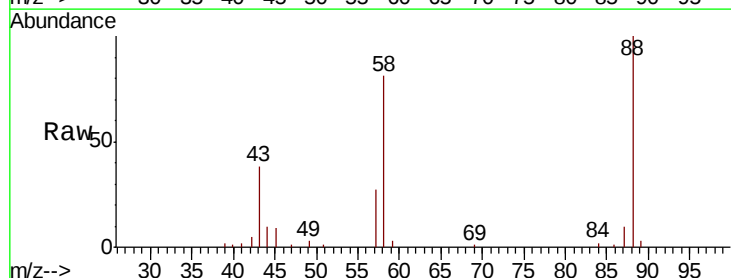
Tgt Ion: 88 Resp: 27567

Ion Ratio Lower Upper

88 100

58 75.7 60.2 90.2

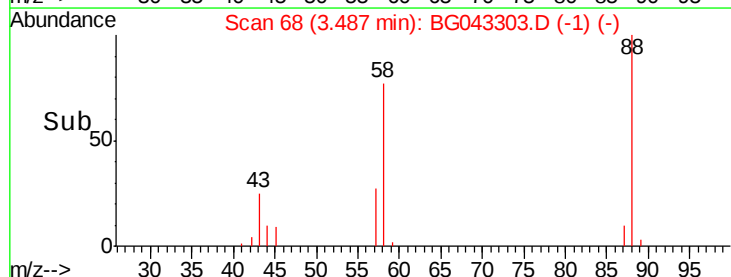
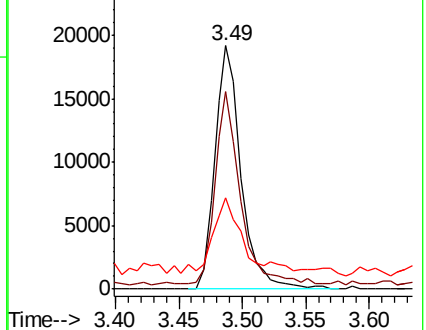
43 32.6 22.7 34.1



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: 33.769 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

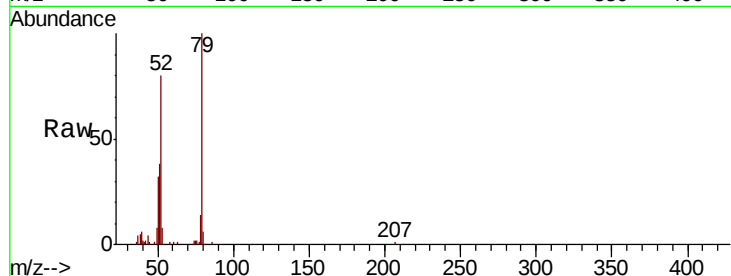
Tot Ion: 79 Resp: 61181

Ion Ratio Lower Upper

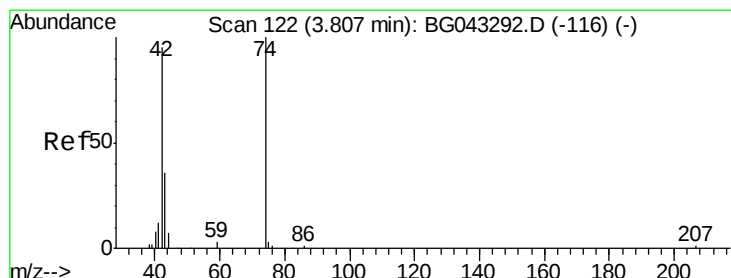
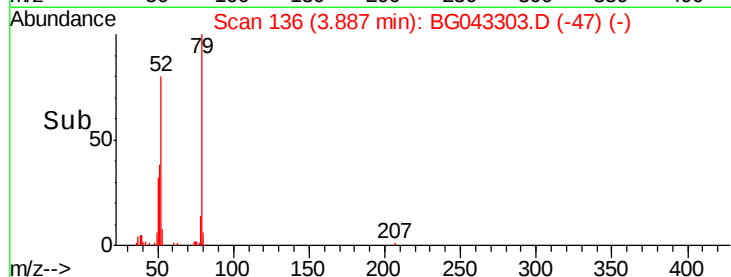
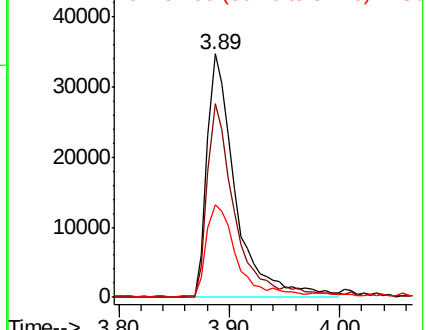
79 100

52 79.6 59.7 89.5

51 38.2 31.8 47.6



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: 41.421 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

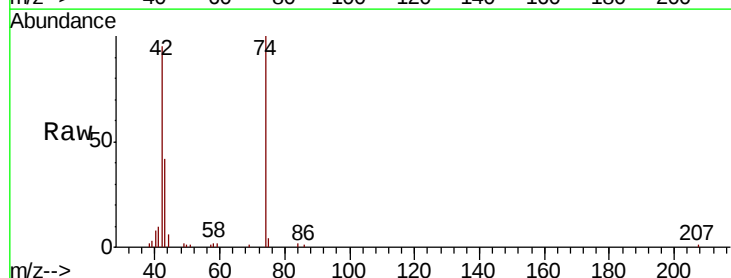
Tgt Ion: 42 Resp: 37868

Ion Ratio Lower Upper

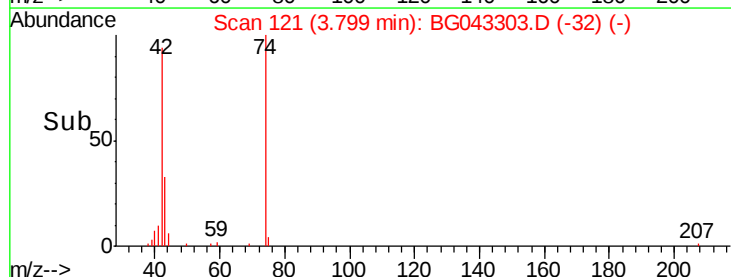
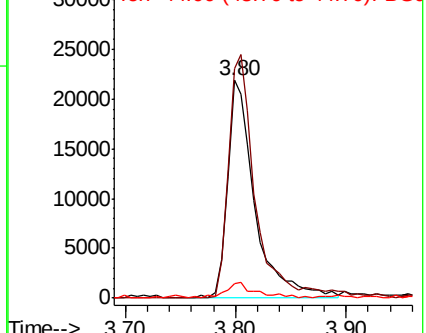
42 100

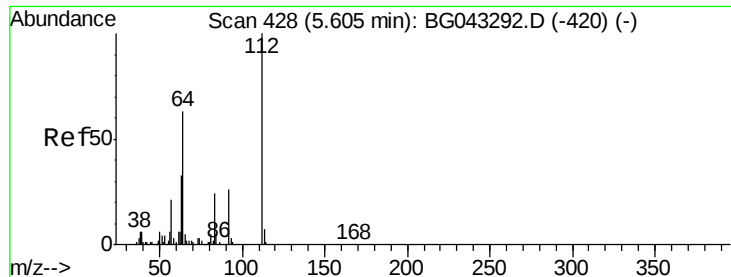
74 105.4 84.2 126.2

44 6.6 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 71.730 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

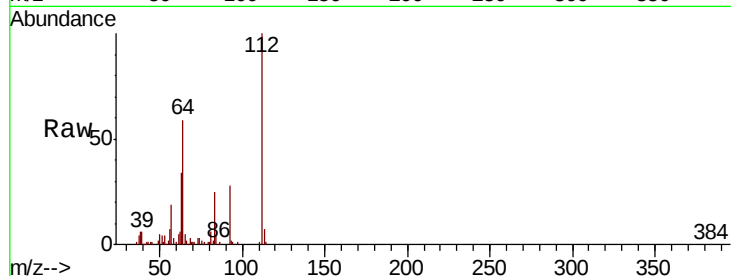
Tot Ion:112 Resp: 132203

Ion Ratio Lower Upper

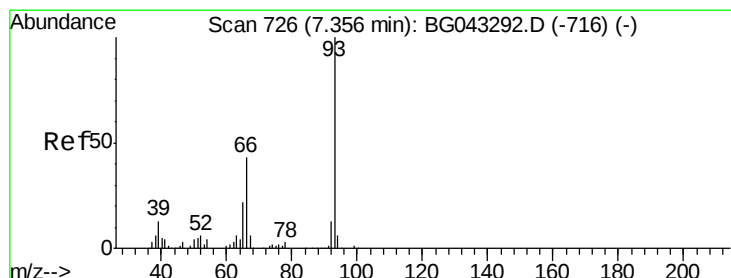
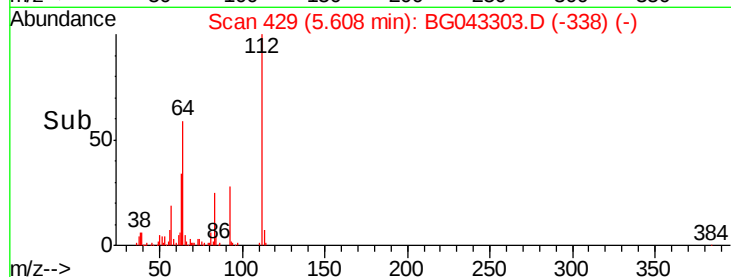
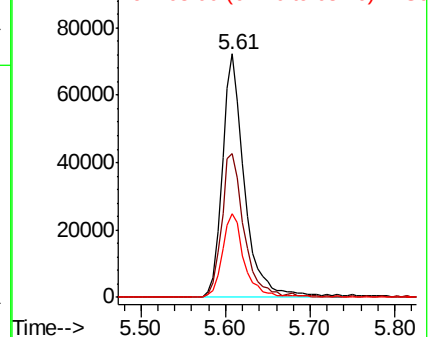
112 100

64 59.2 50.2 75.2

63 34.4 26.7 40.1



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: 29.252 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

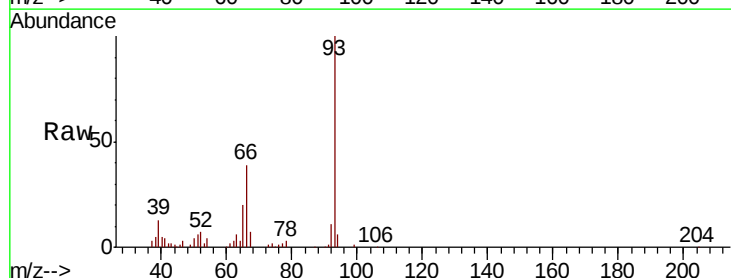
Tgt Ion: 93 Resp: 89356

Ion Ratio Lower Upper

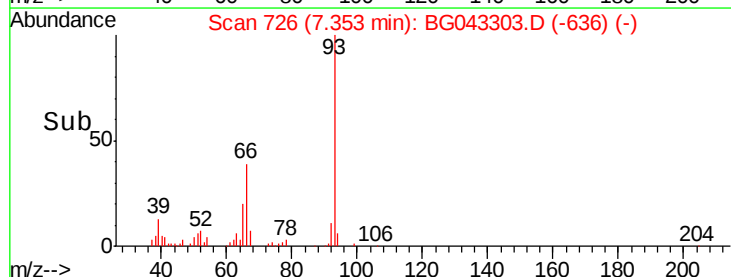
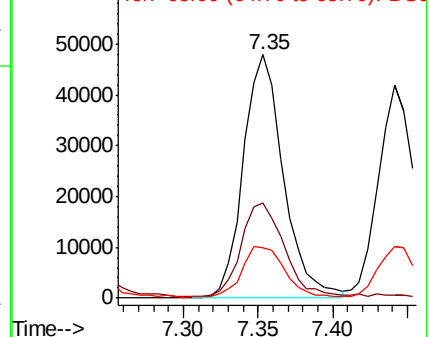
93 100

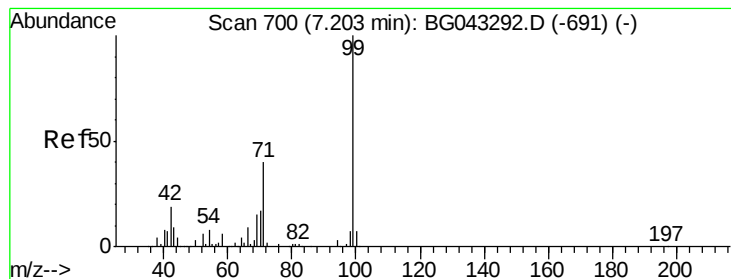
66 38.9 34.5 51.7

65 20.5 18.0 27.0



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: 68.623 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

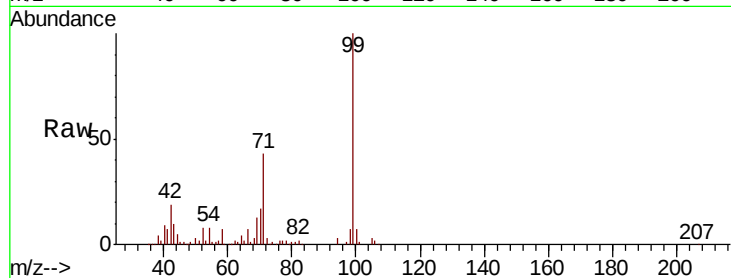
Tot Ion: 99 Resp: 181968

Ion Ratio Lower Upper

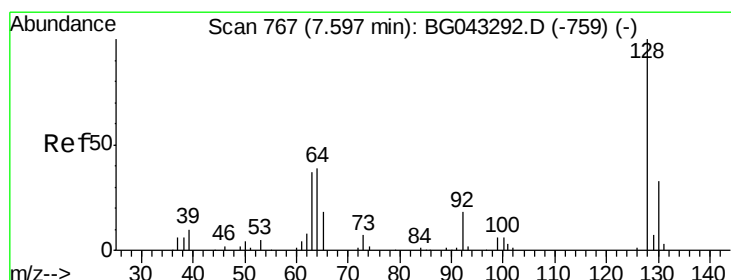
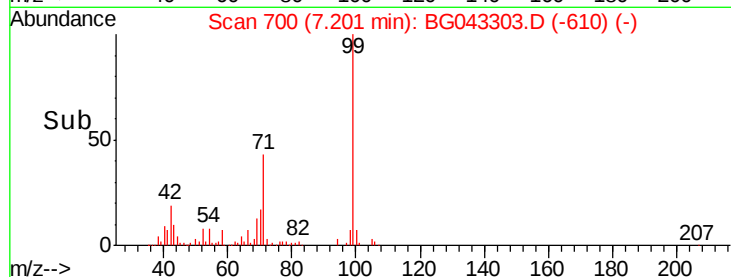
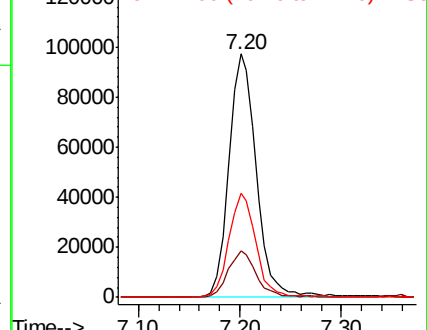
99 100

42 18.9 14.9 22.3

71 42.8 32.2 48.2



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: 42.556 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

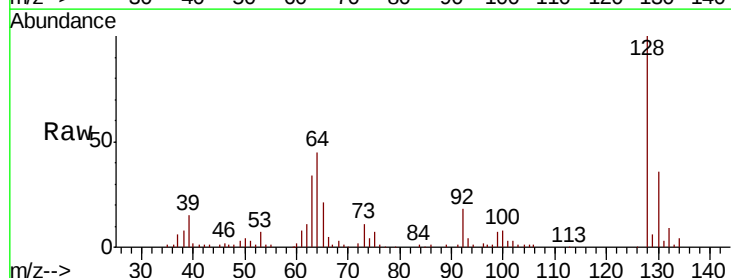
Tgt Ion: 128 Resp: 86580

Ion Ratio Lower Upper

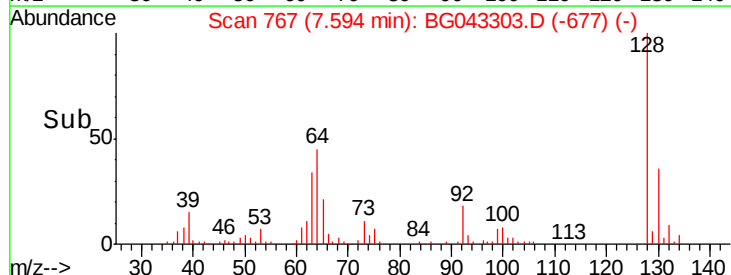
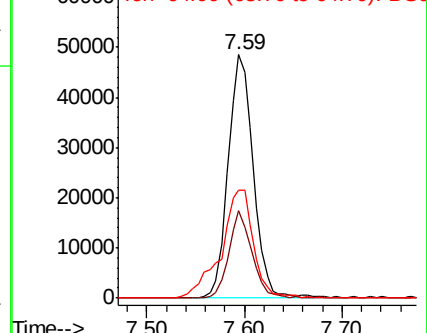
128 100

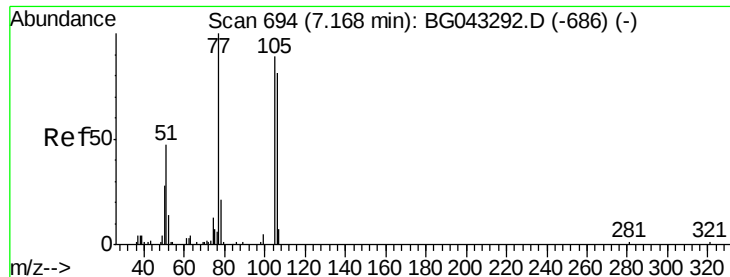
130 35.7 12.9 52.9

64 44.5 24.9 64.9



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





#9

Benzaldehyde

Concen: 38.197 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

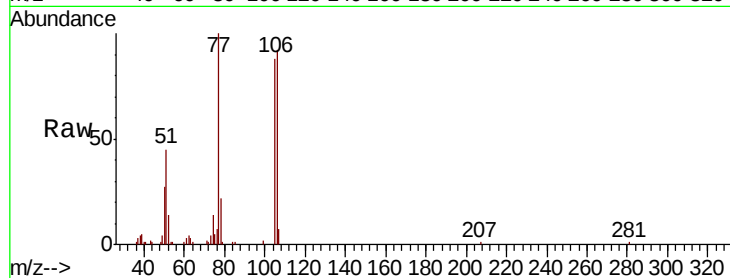
Tot Ion: 77 Resp: 49777

Ion Ratio Lower Upper

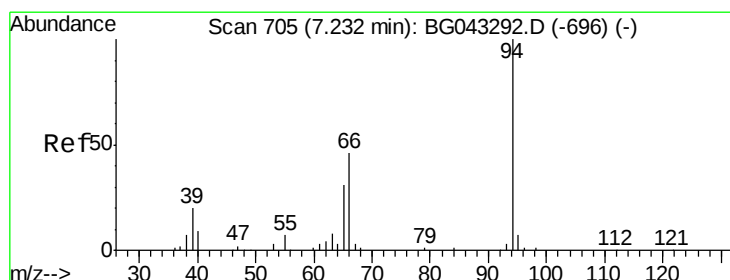
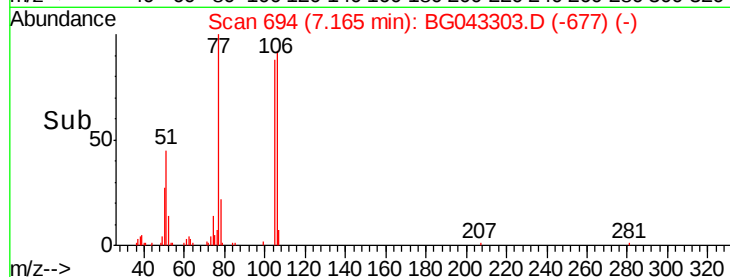
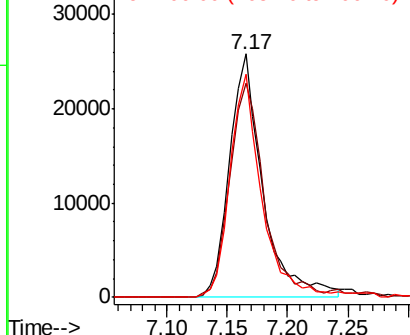
77 100

105 88.1 68.7 108.7

106 91.6 60.5 100.5



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



#10

Phenol

Concen: 42.390 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

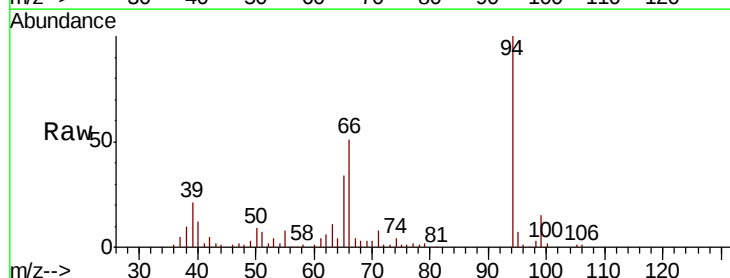
Tgt Ion: 94 Resp: 102716

Ion Ratio Lower Upper

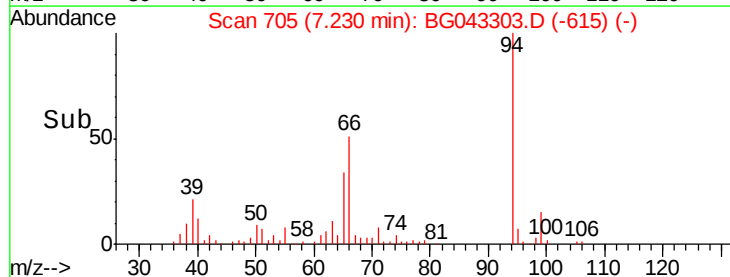
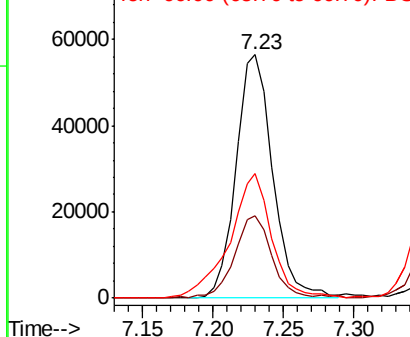
94 100

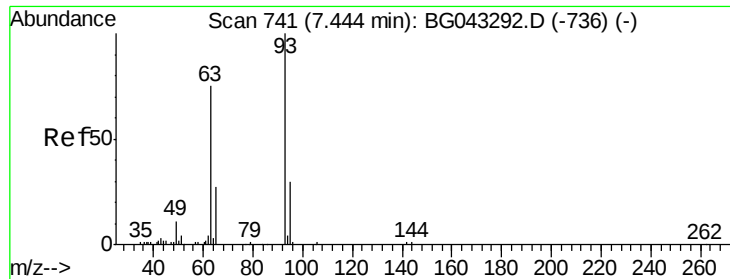
65 34.0 11.1 51.1

66 50.9 27.8 67.8



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

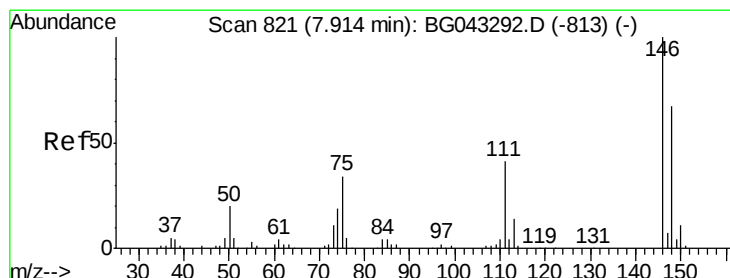
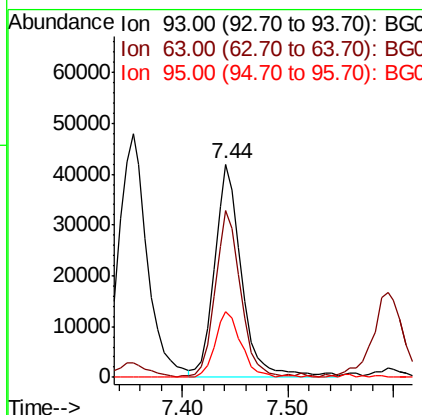
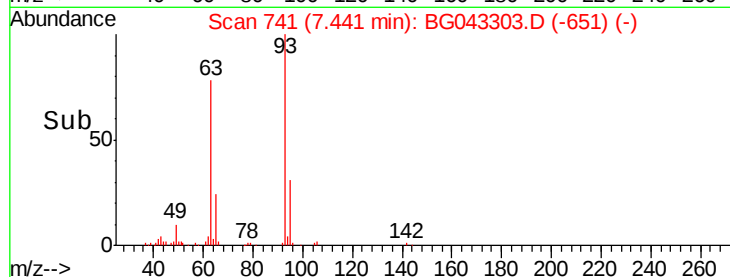
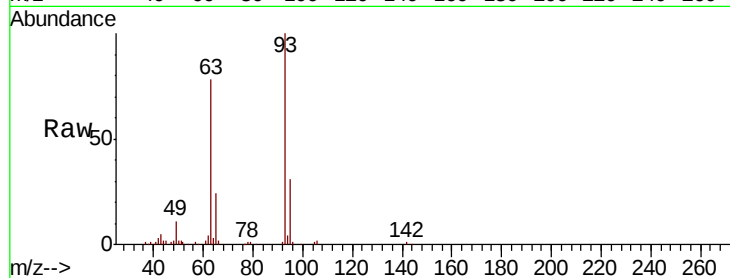




#11
bis(2-Chloroethyl)ether
Concen: 39.575 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

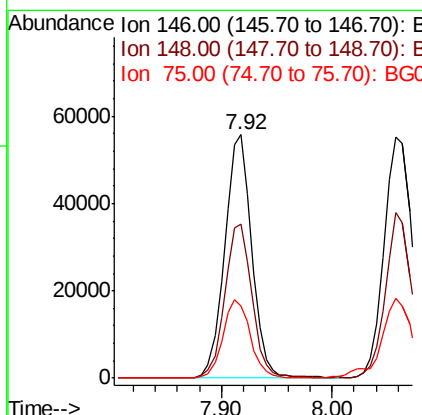
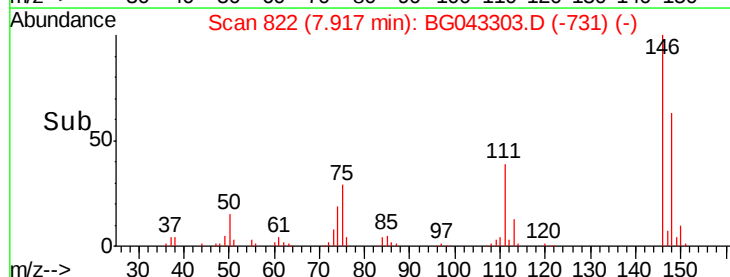
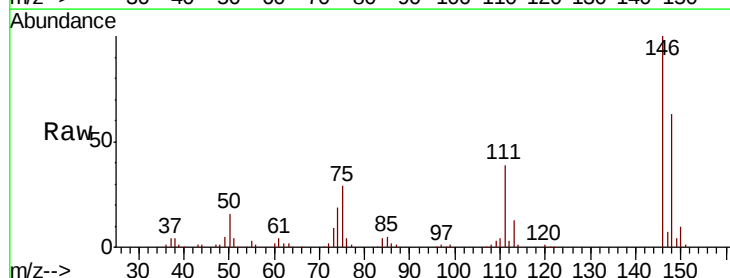
Instrument :
BNA_G
ClientSampleId :
PB123887BS

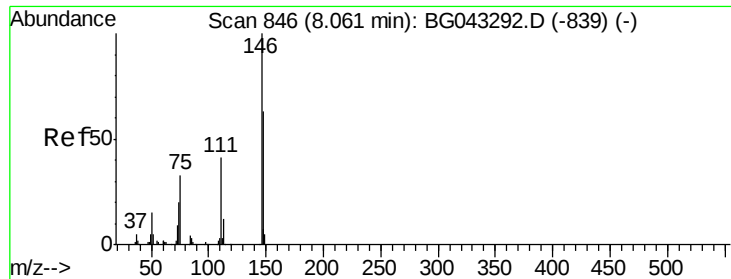
Tot Ion: 93 Resp: 74140
Ion Ratio Lower Upper
93 100
63 78.2 54.6 94.6
95 30.8 9.7 49.7



#12
1,3-Dichlorobenzene
Concen: 37.517 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion: 146 Resp: 95634
Ion Ratio Lower Upper
146 100
148 63.3 53.4 80.2
75 29.4 27.0 40.4

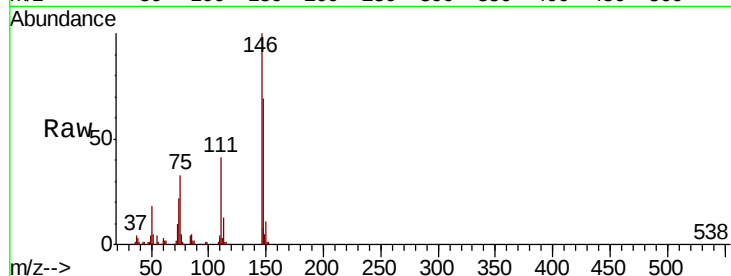




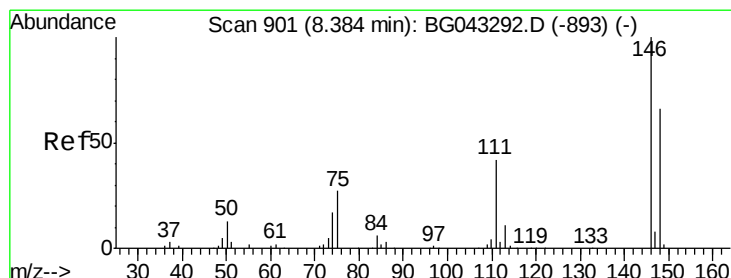
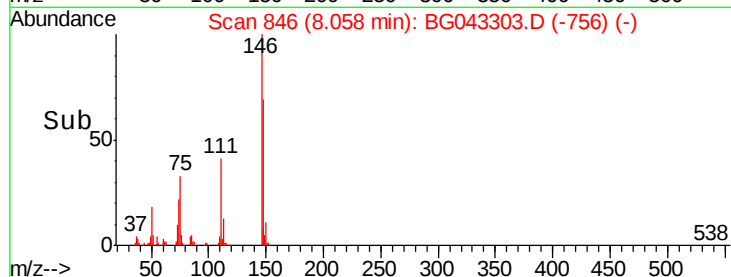
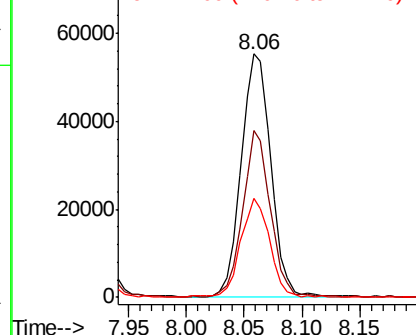
#13
 1,4-Dichlorobenzene
 Concen: 37.881 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Tot Ion:146 Resp: 97696
 Ion Ratio Lower Upper
 146 100
 148 68.6 50.7 76.1
 111 40.6 33.0 49.6

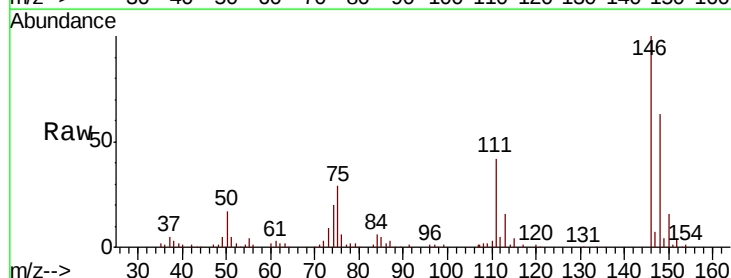


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

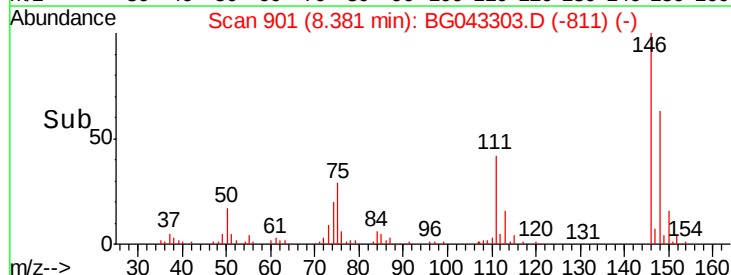
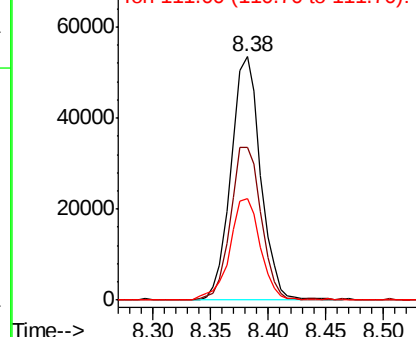


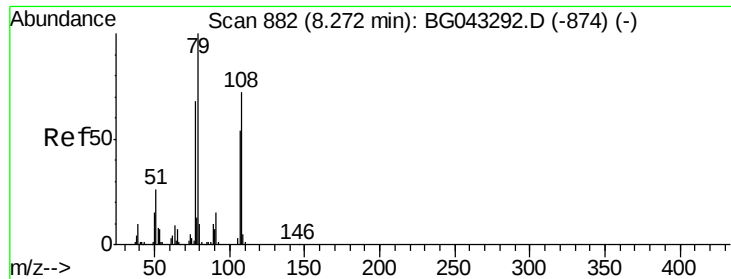
#14
 1,2-Dichlorobenzene
 Concen: 37.936 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion:146 Resp: 95528
 Ion Ratio Lower Upper
 146 100
 148 62.5 53.0 79.4
 111 41.7 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 39.373 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

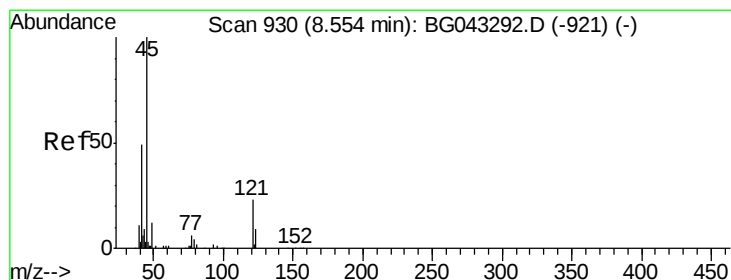
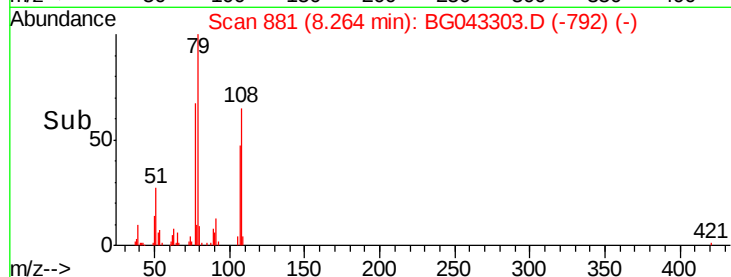
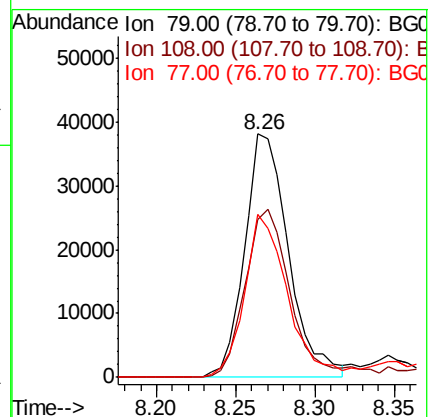
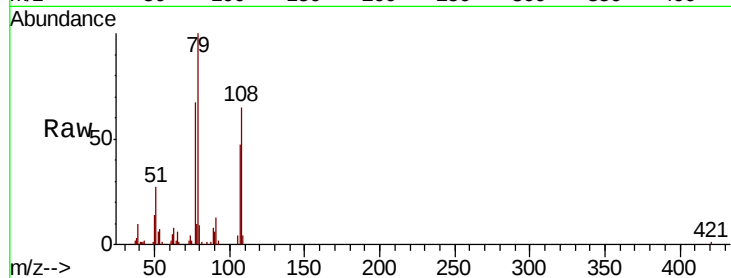
Tot Ion: 79 Resp: 73324

Ion Ratio Lower Upper

79 100

108 64.7 57.3 85.9

77 66.7 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.773 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

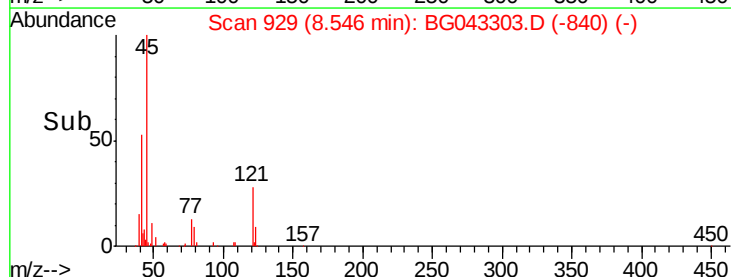
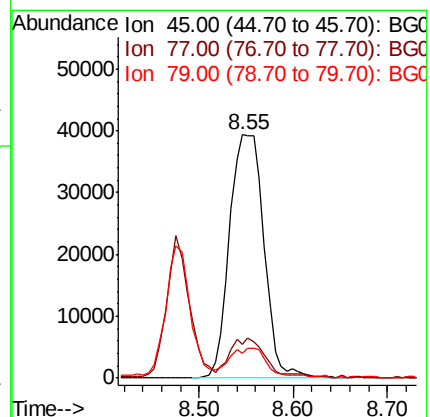
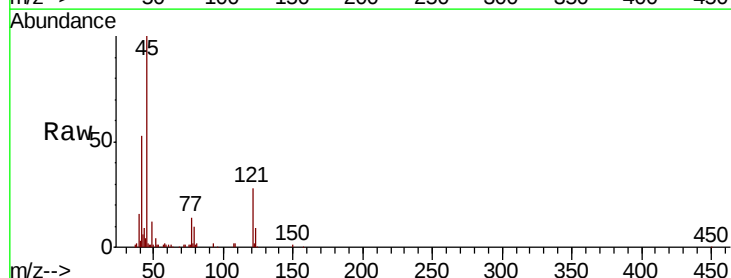
Tgt Ion: 45 Resp: 100172

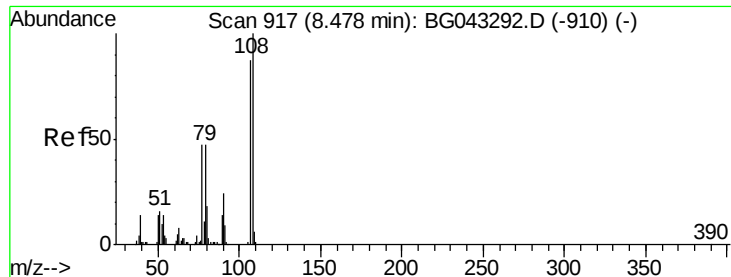
Ion Ratio Lower Upper

45 100

77 13.8 0.0 34.2

79 10.1 0.0 32.3





#17

2-Methylphenol

Concen: 41.028 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

Tot Ion:107 Resp: 72474

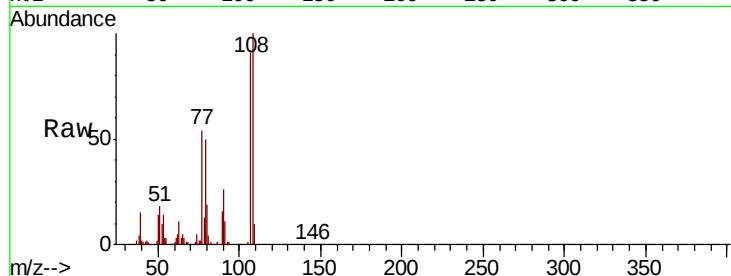
Ion Ratio Lower Upper

107 100

108 110.3 91.3 136.9

77 59.4 43.0 64.6

79 55.4 43.4 65.2

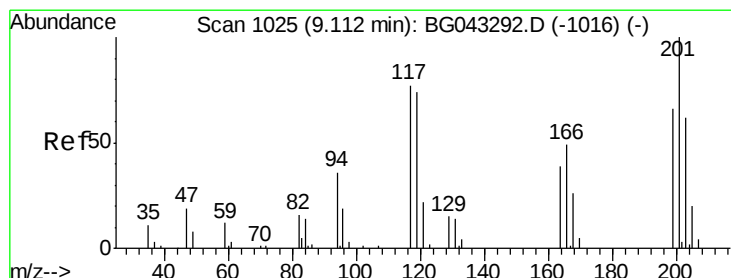
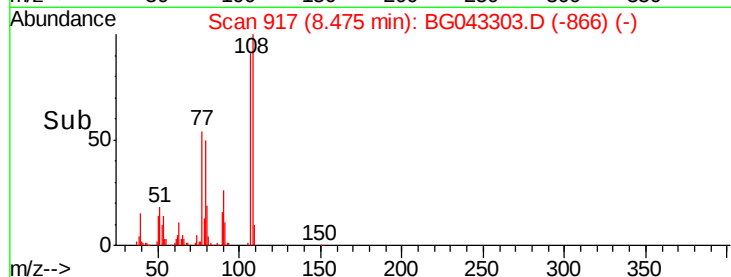
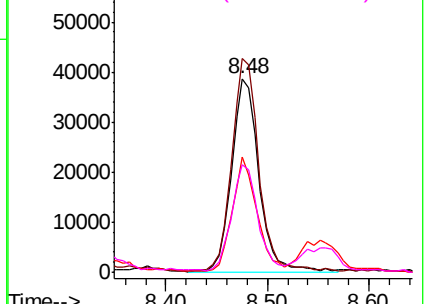


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.612 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

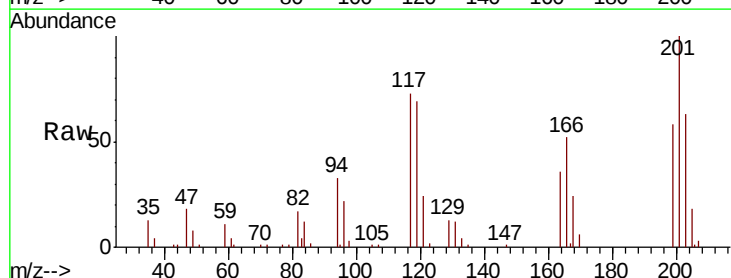
Tgt Ion:117 Resp: 34998

Ion Ratio Lower Upper

117 100

119 94.8 77.3 115.9

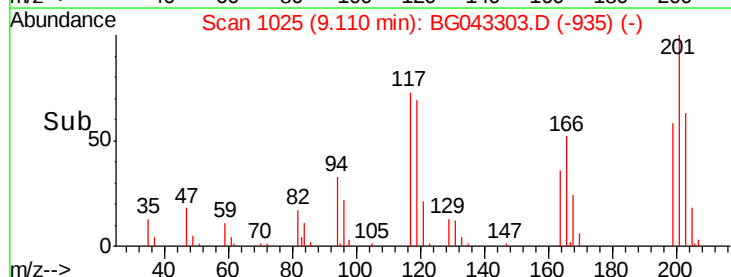
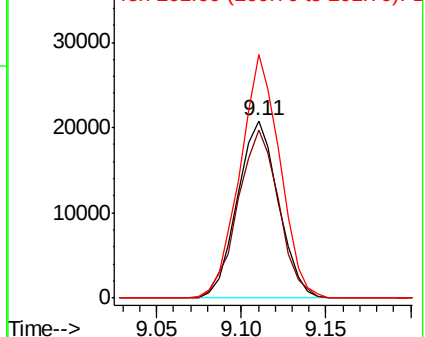
201 137.3 104.2 156.4

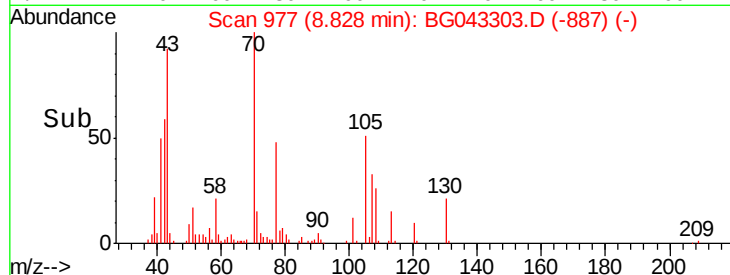
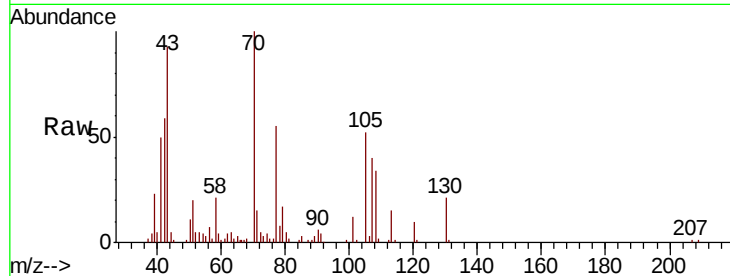
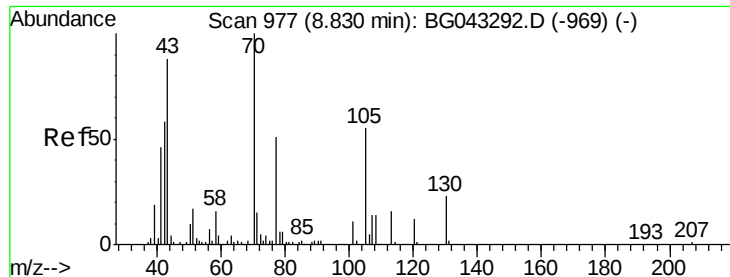


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

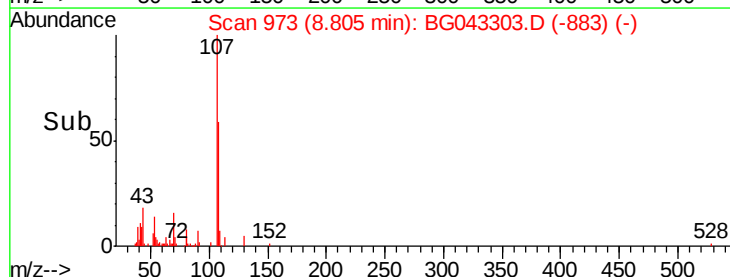
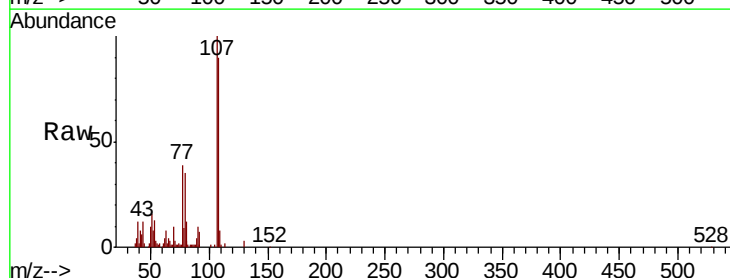
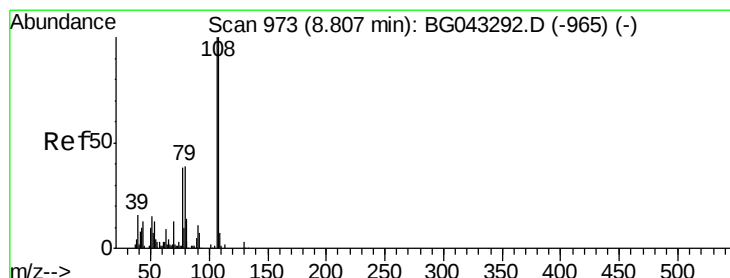
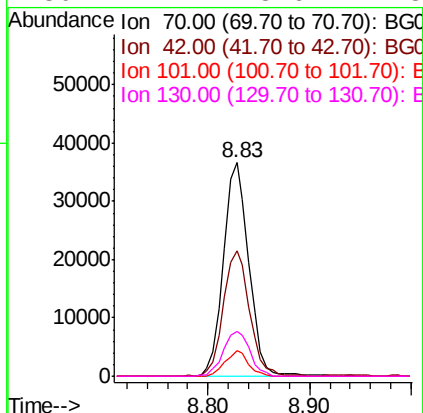




#19
n-Nitroso-di-n-propylamine
Concen: 37.060 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

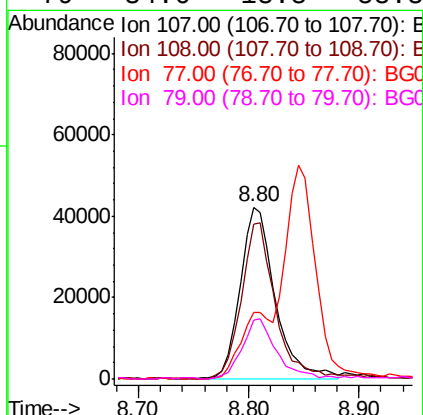
Instrument :
BNA_G
ClientSampled :
PB123887BS

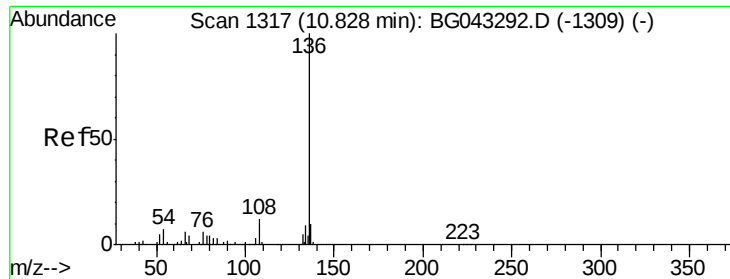
Tot Ion: 70 Resp: 63502
Ion Ratio Lower Upper
70 100
42 58.8 46.2 69.2
101 12.1 8.6 13.0
130 21.1 18.6 27.8



#20
3+4-Methylphenols
Concen: 38.737 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion: 107 Resp: 93830
Ion Ratio Lower Upper
107 100
108 90.0 80.3 120.3
77 39.1 18.2 58.2
79 34.6 18.8 58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

Tot Ion:136 Resp: 129651

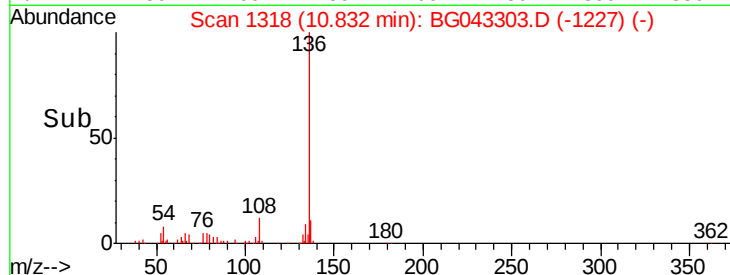
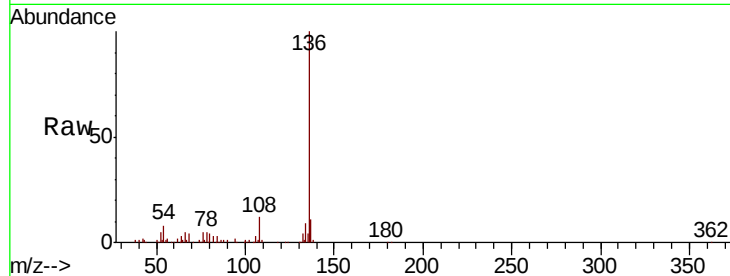
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 8.5 5.4 8.2#

68 3.6 3.3 4.9

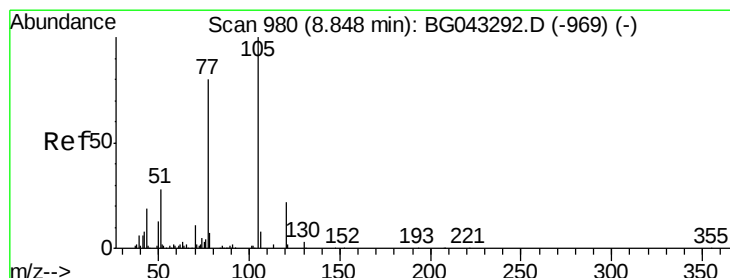
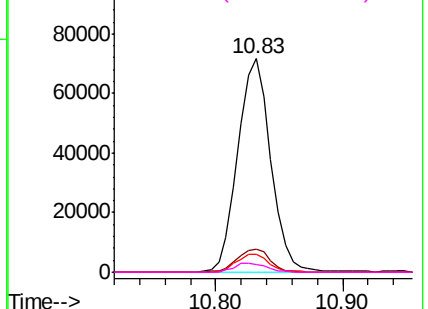


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.902 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:105 Resp: 122523

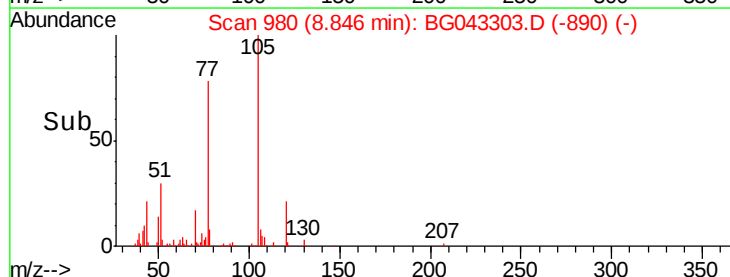
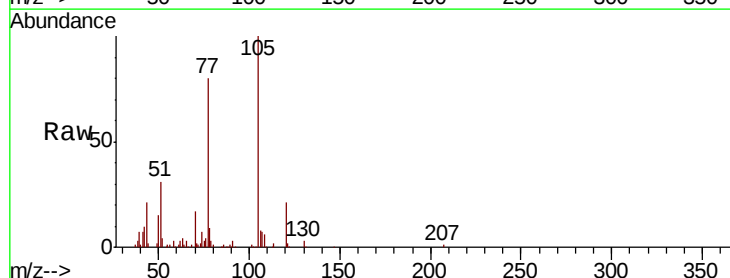
Ion Ratio Lower Upper

105 100

71 2.4 1.5 2.3#

51 30.8 23.9 35.9

120 20.7 17.3 25.9

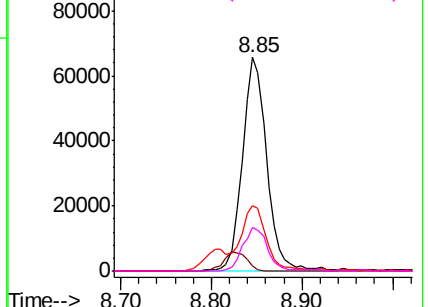


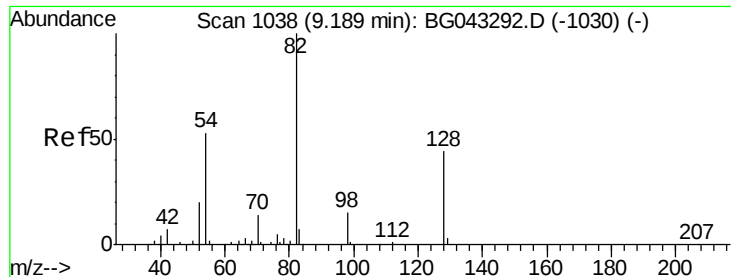
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

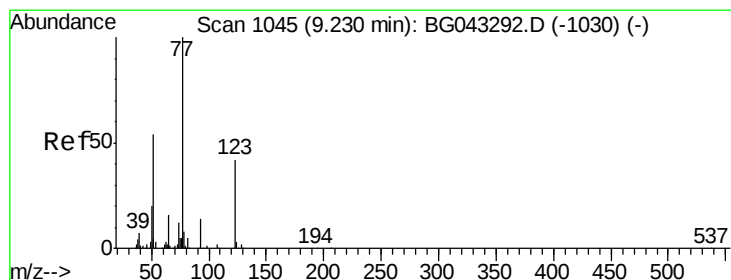
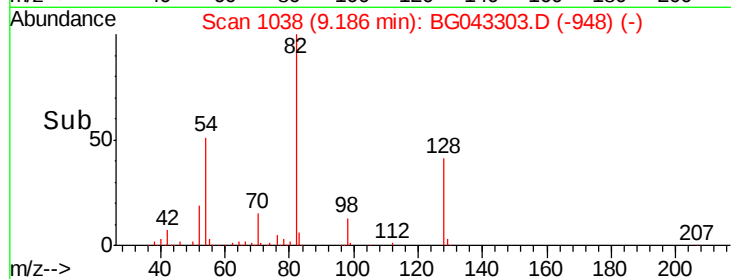
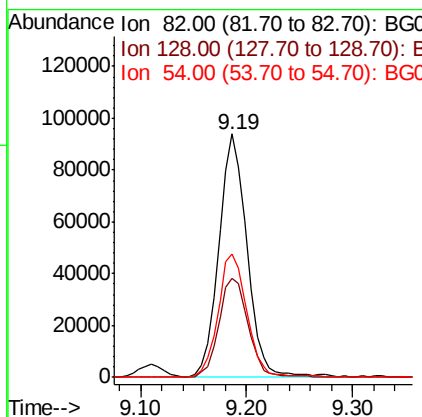
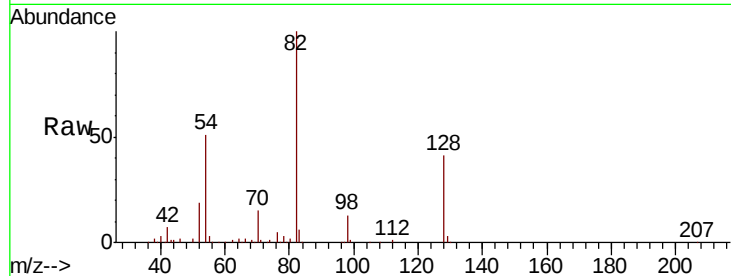




#23
 Nitrobenzene-d5
 Concen: 68.665 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

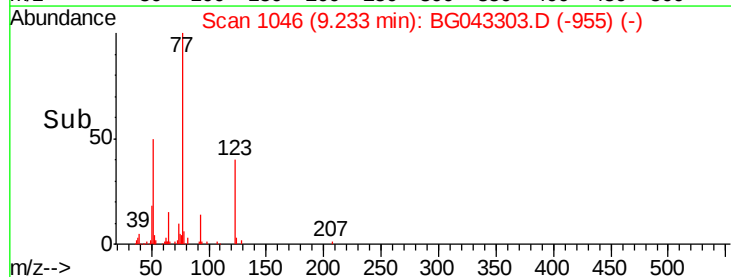
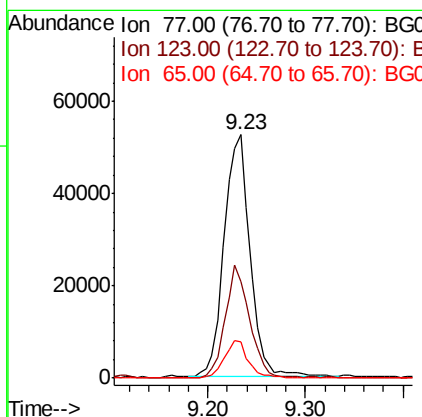
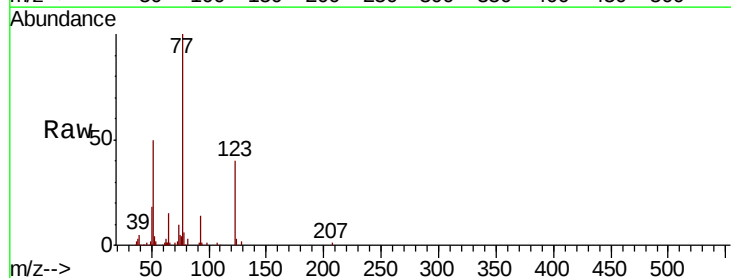
Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

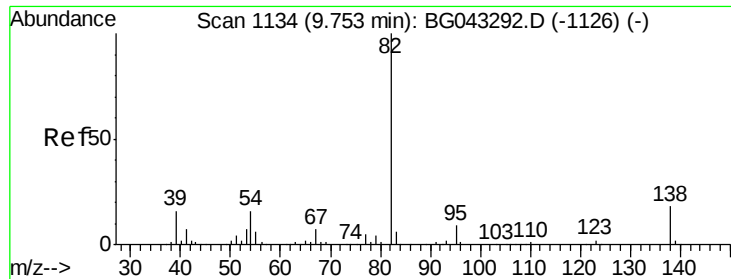
Tot Ion	82	Resp	172681
Ion Ratio	Lower	Upper	
82	100		
128	40.7	35.3	52.9
54	50.7	42.3	63.5



#24
 Nitrobenzene
 Concen: 40.548 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	77	Resp	97139
Ion Ratio	Lower	Upper	
77	100		
123	39.7	33.8	50.8
65	15.0	13.0	19.4

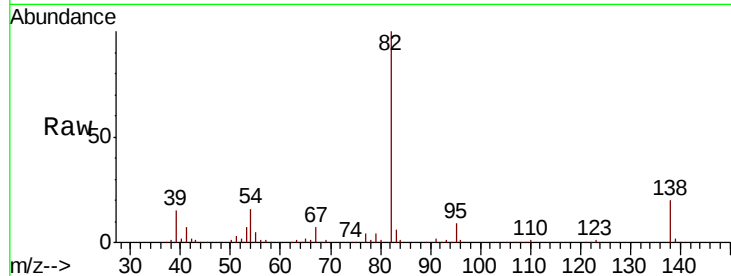




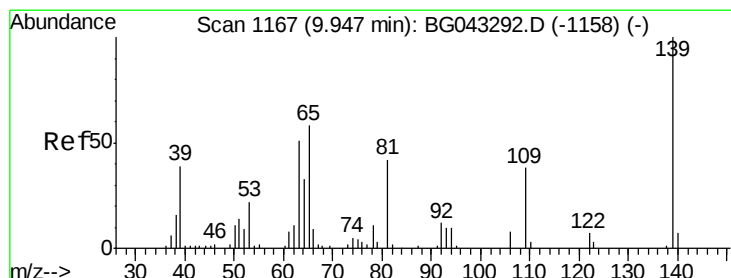
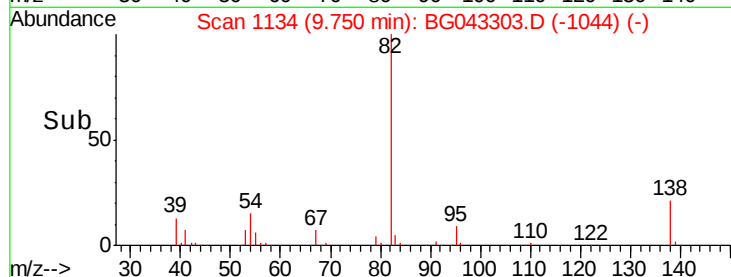
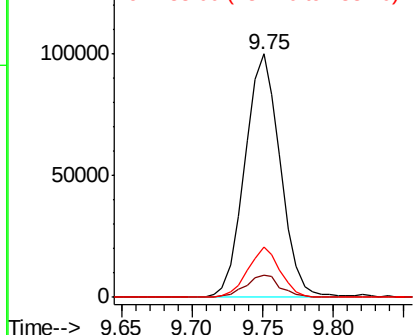
#25
Isophorone
Concen: 38.190 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampled :
PB123887BS

Tot Ion: 82 Resp: 175588
Ion Ratio Lower Upper
82 100
95 9.0 6.9 10.3
138 20.5 14.2 21.2

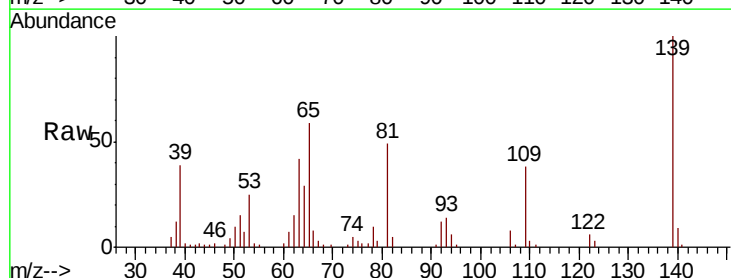


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

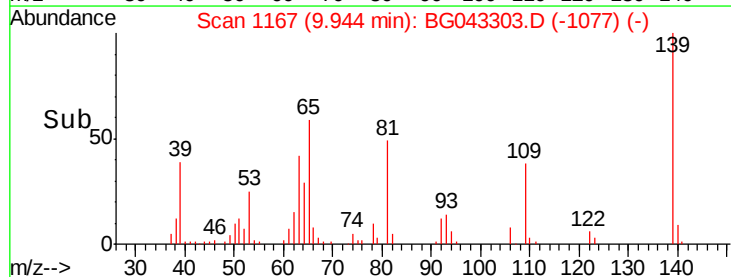
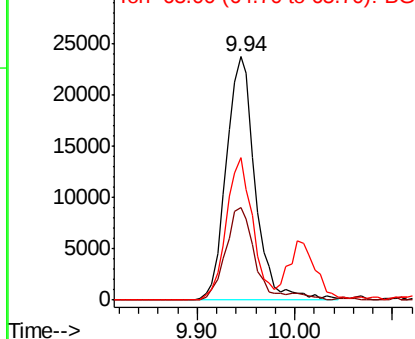


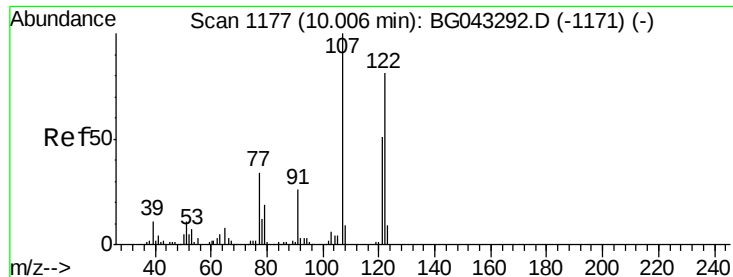
#26
2-Nitrophenol
Concen: 42.118 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion: 139 Resp: 48713
Ion Ratio Lower Upper
139 100
109 38.1 30.1 45.1
65 58.7 46.1 69.1



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: 48.518 ng

RT: 10.01 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampled :

PB123887BS

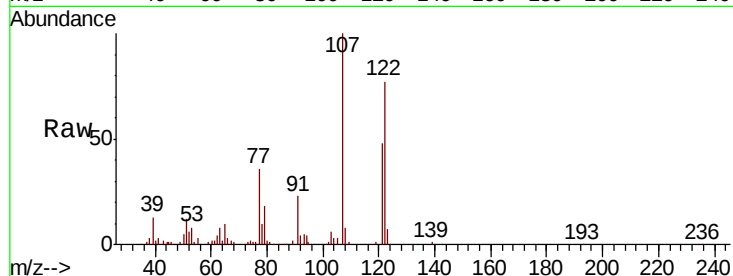
Tot Ion:122 Resp: 80428

Ion Ratio Lower Upper

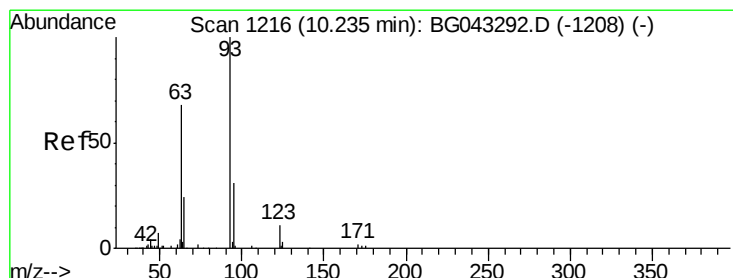
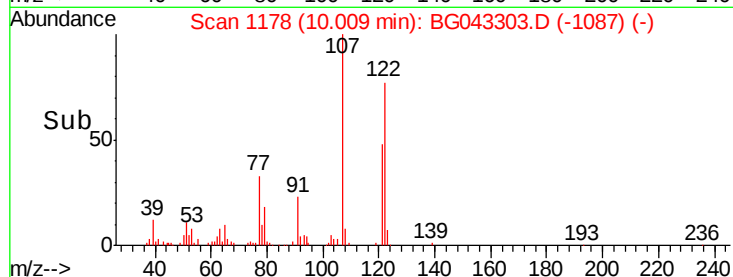
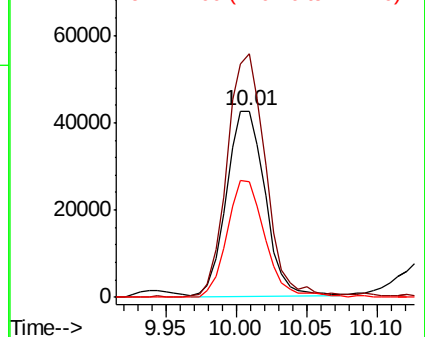
122 100

107 130.6 98.6 147.8

121 62.1 50.1 75.1



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: 38.995 ng

RT: 10.23 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

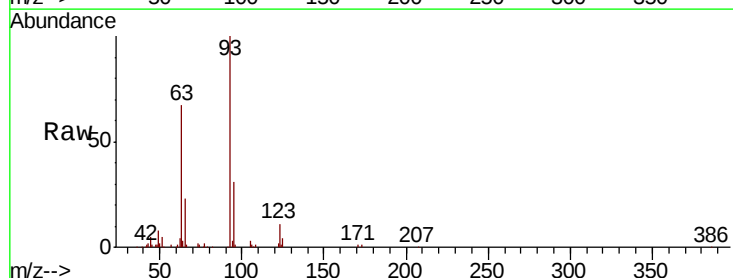
Tgt Ion: 93 Resp: 98954

Ion Ratio Lower Upper

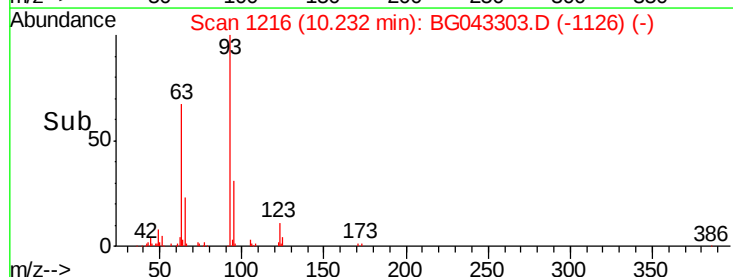
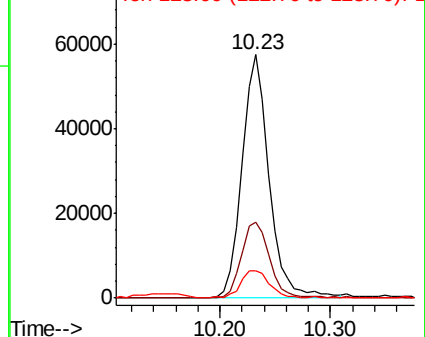
93 100

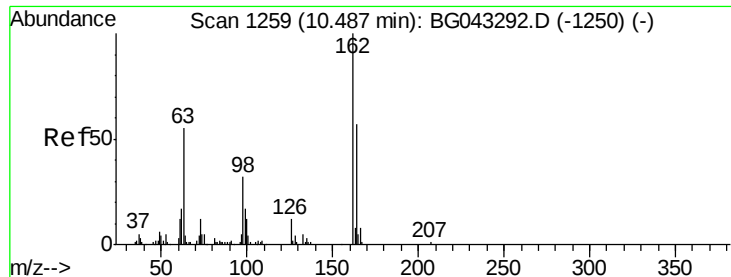
95 31.4 24.9 37.3

123 11.2 8.9 13.3



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

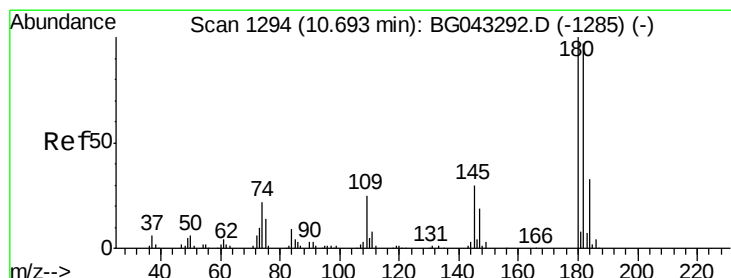
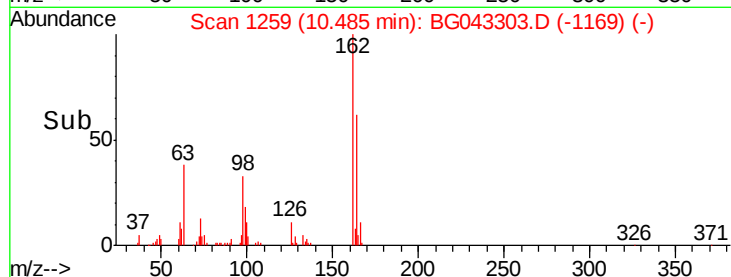
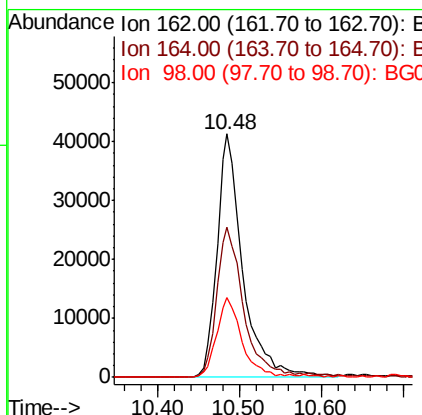
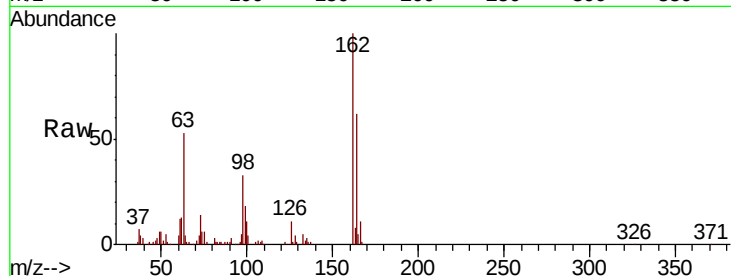




#29
 2,4-Dichlorophenol
 Concen: 42.597 ng
 RT: 10.48 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

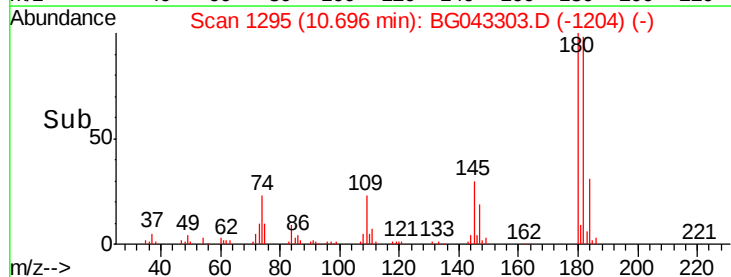
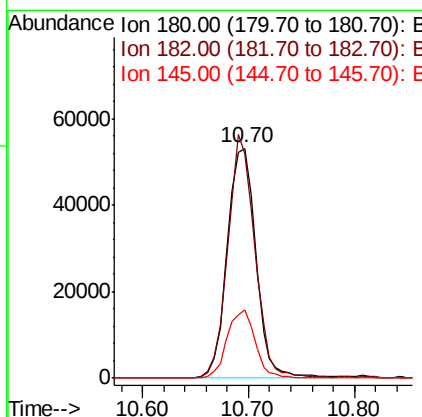
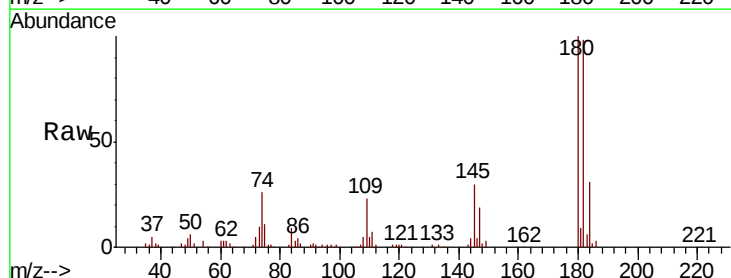
Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

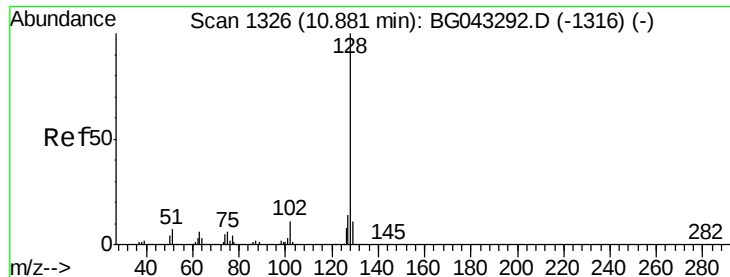
Tot Ion:162 Resp: 90474
 Ion Ratio Lower Upper
 162 100
 164 61.6 37.3 77.3
 98 32.8 11.8 51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.506 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion:180 Resp: 100403
 Ion Ratio Lower Upper
 180 100
 182 97.6 77.8 116.8
 145 29.7 23.6 35.4

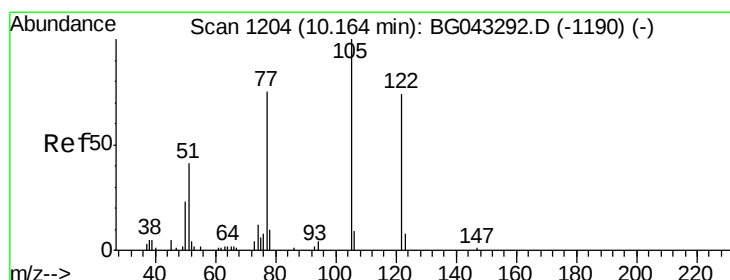
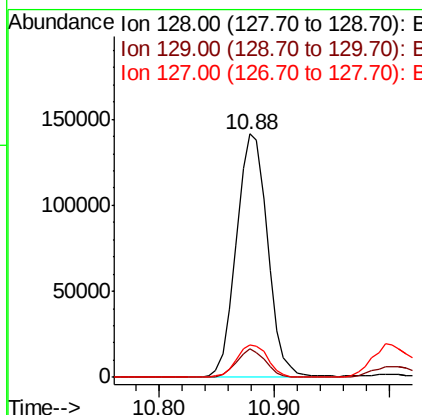
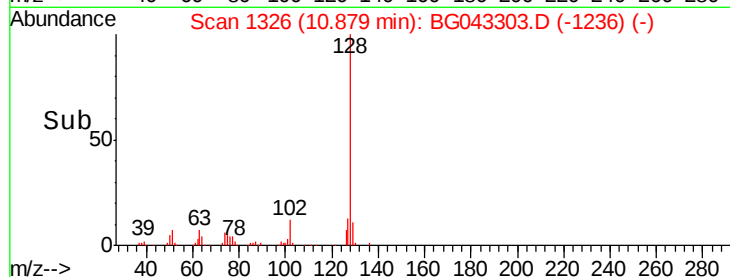
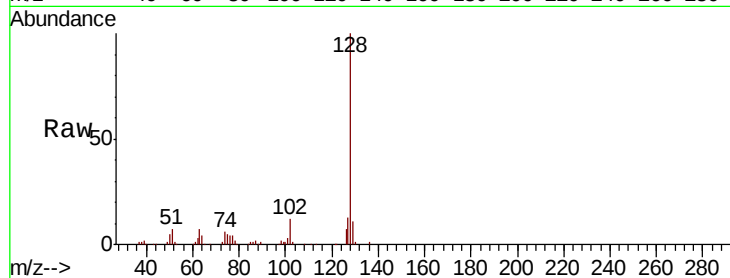




#31
Naphthalene
Concen: 40.412 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

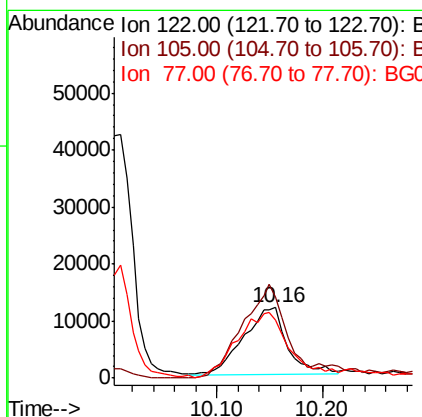
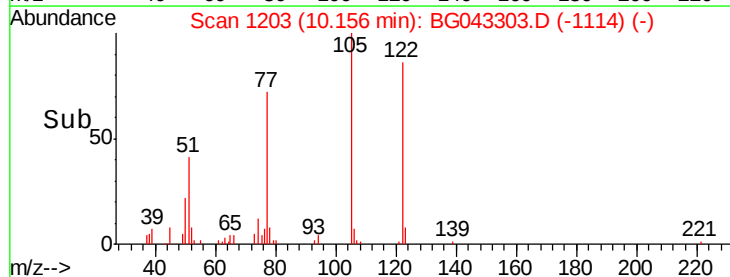
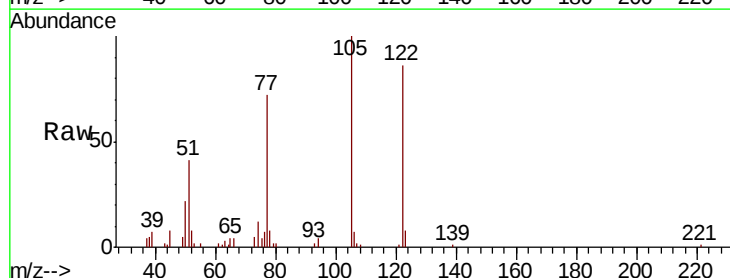
Instrument :
BNA_G
ClientSampleId :
PB123887BS

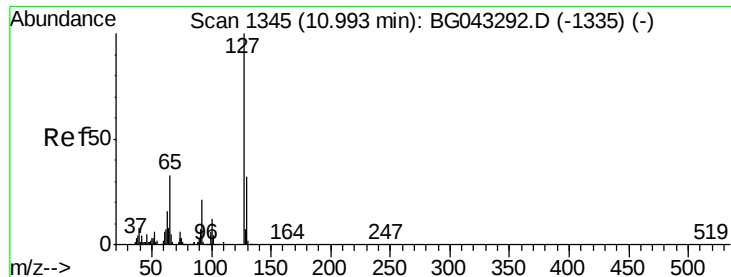
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.5	11.5	17.3



#32
Benzoic acid
Concen: 30.873 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.7	112.4	152.4
77	83.3	82.7	122.7





#33

4-Chloroaniline

Concen: 18.577 ng

RT: 11.00 min Scan# 1346

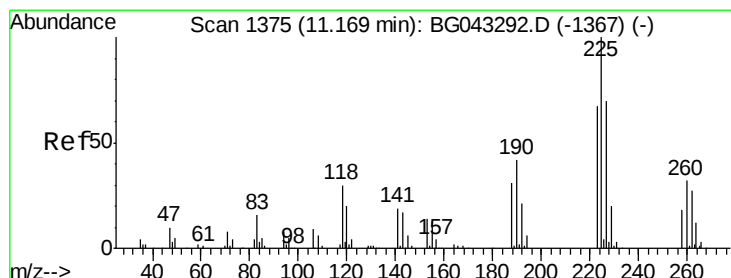
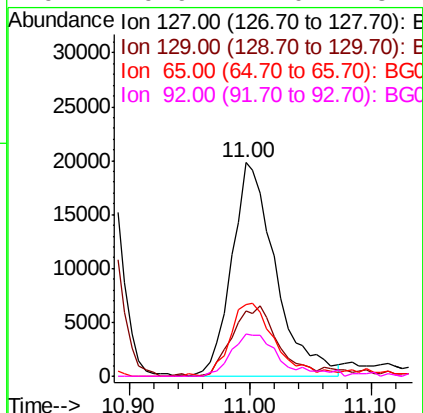
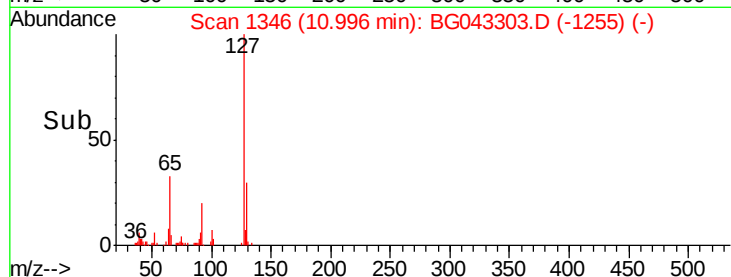
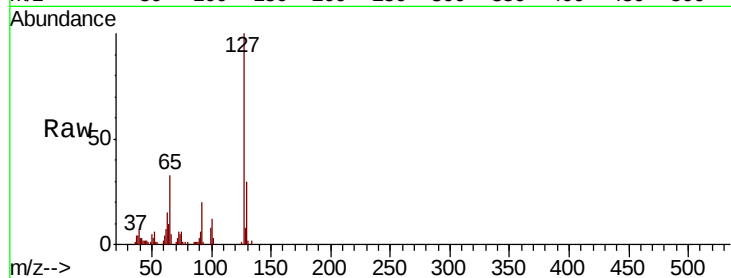
Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion:127	Resp:	50115
Ion Ratio	Lower	Upper
127	100	
129	30.4	25.8 38.8
65	33.3	26.2 39.2
92	19.9	17.0 25.4



#34

Hexachlorobutadiene

Concen: 37.477 ng

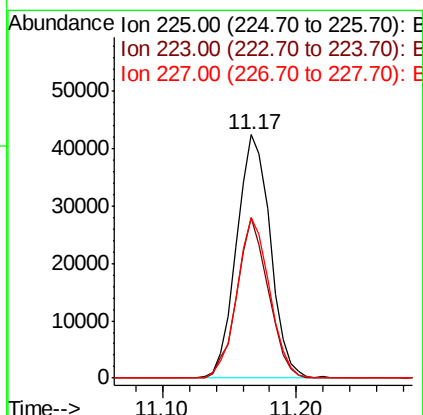
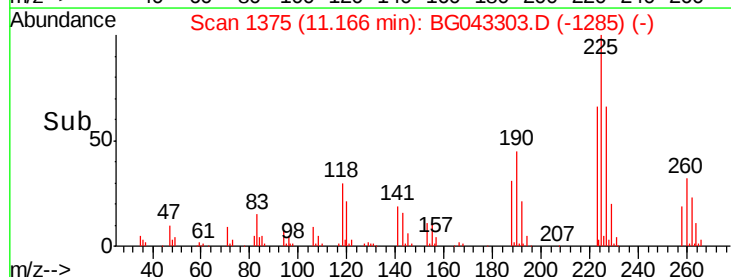
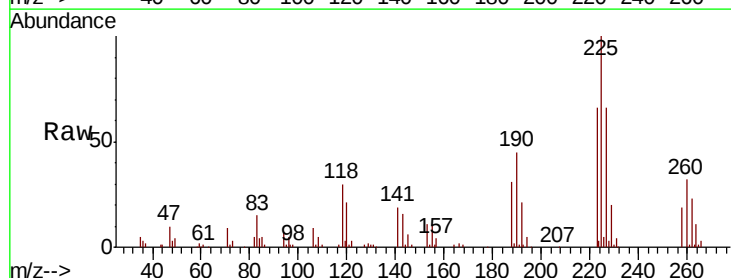
RT: 11.17 min Scan# 1375

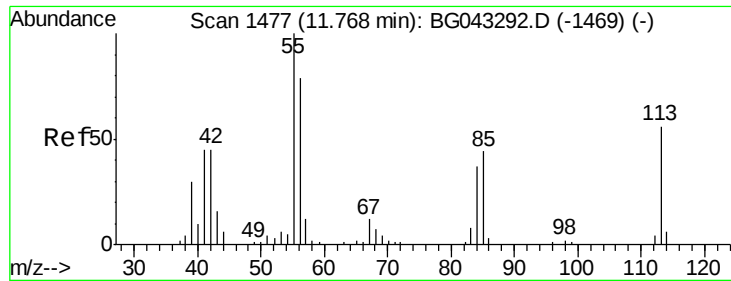
Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:225	Resp:	74163
Ion Ratio	Lower	Upper
225	100	
223	65.9	53.2 79.8
227	66.0	56.2 84.2





#35

Caprolactam

Concen: 15.046 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

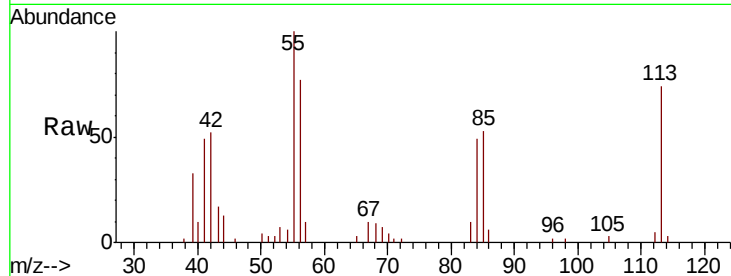
Tot Ion:113 Resp: 11006

Ion Ratio Lower Upper

113 100

55 135.0 158.9 198.9#

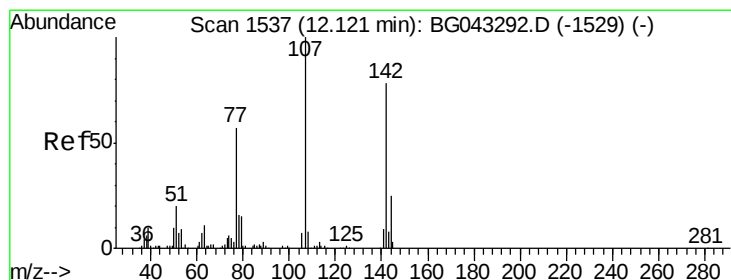
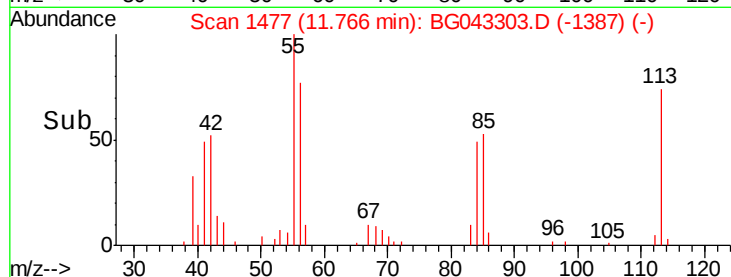
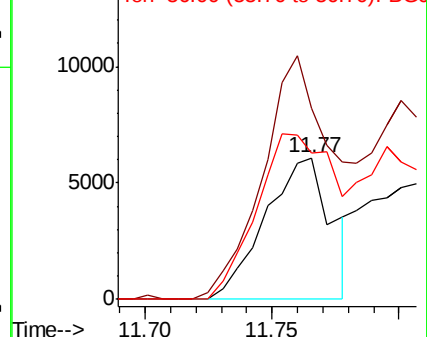
56 103.5 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.083 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

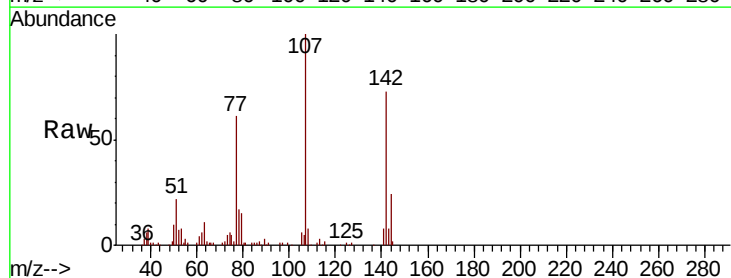
Tgt Ion:107 Resp: 97499

Ion Ratio Lower Upper

107 100

144 24.1 19.9 29.9

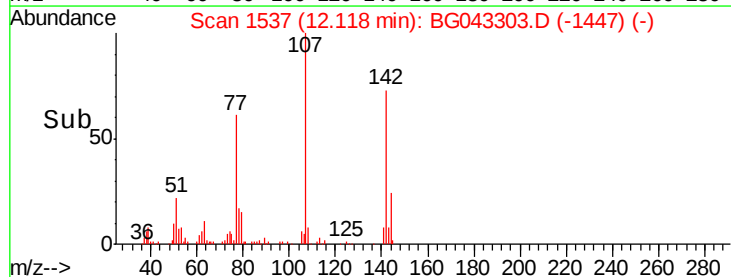
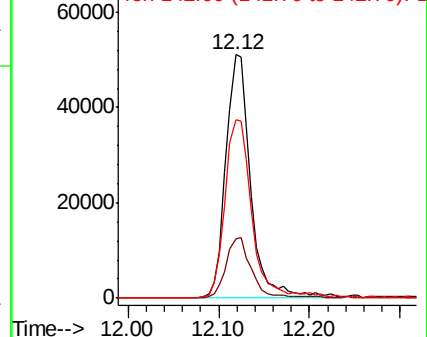
142 73.0 62.1 93.1

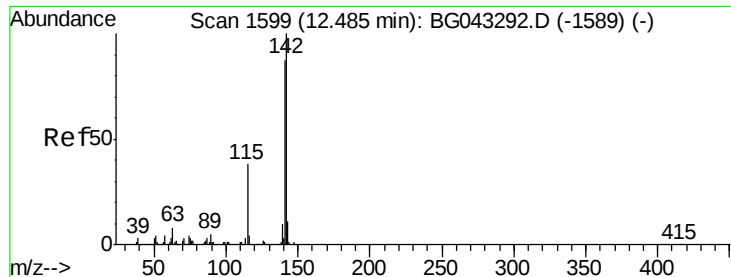


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

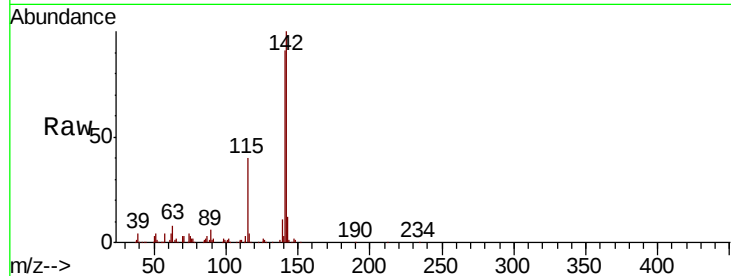




#37
2-Methylnaphthalene
Concen: 39.446 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	69.7	104.5
115	40.4	30.6	46.0

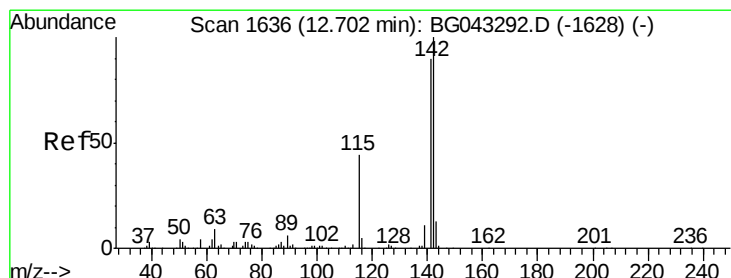
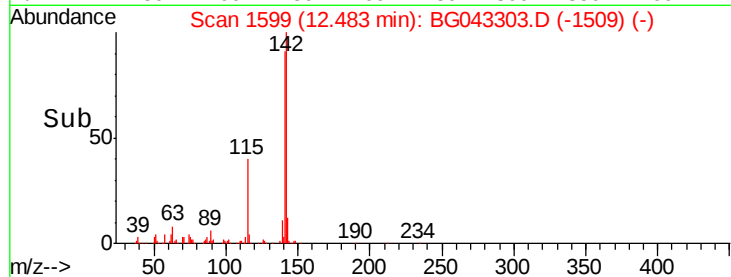
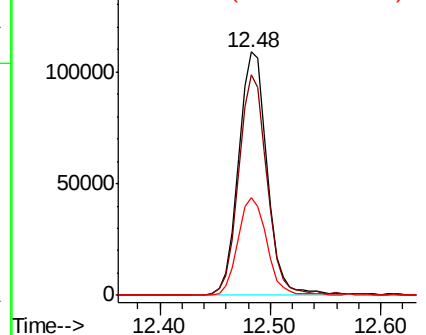


Abundance

Ion 142.00 (141.70 to 142.70): E

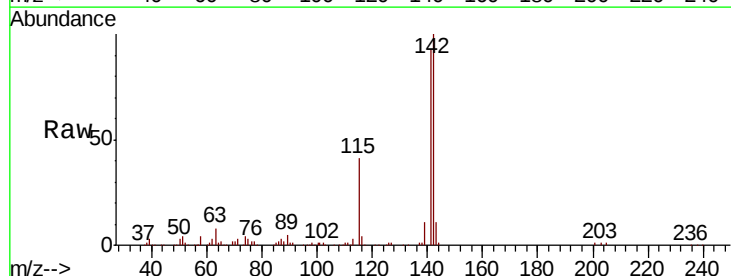
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.305 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.3	108.5
116	4.0	3.8	5.6

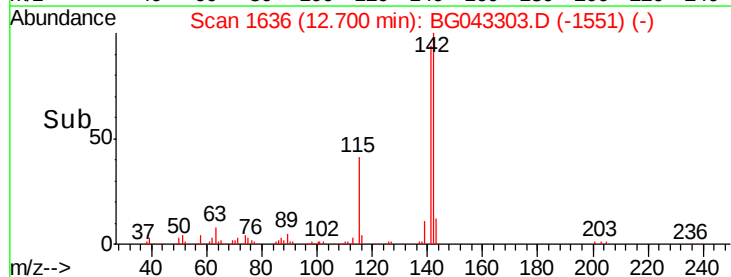
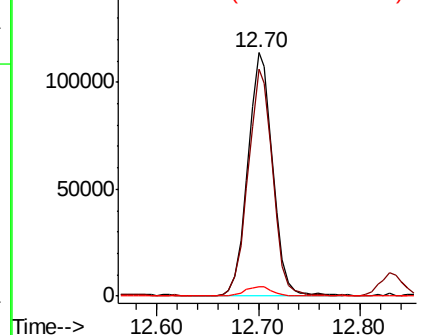


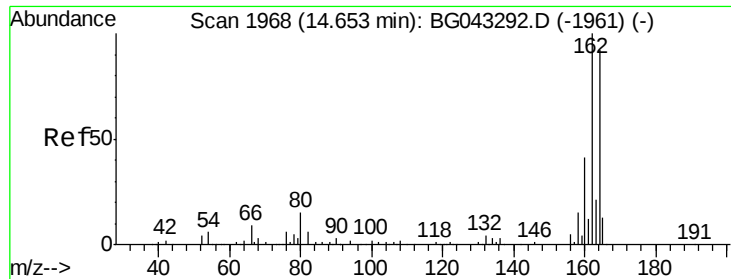
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

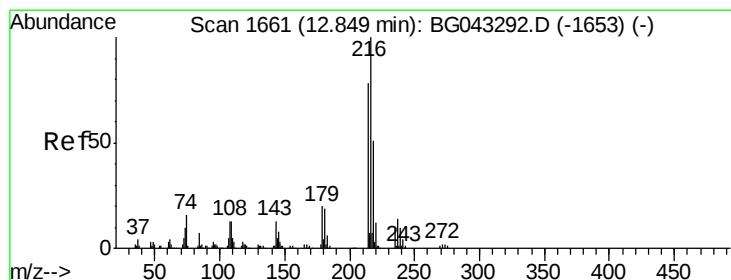
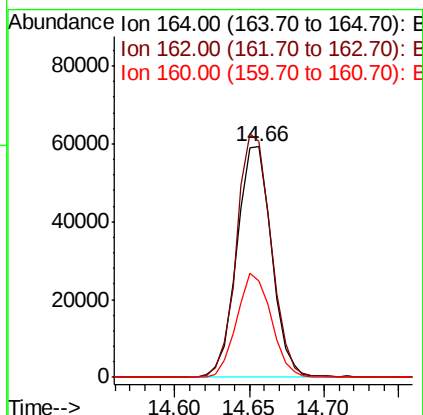
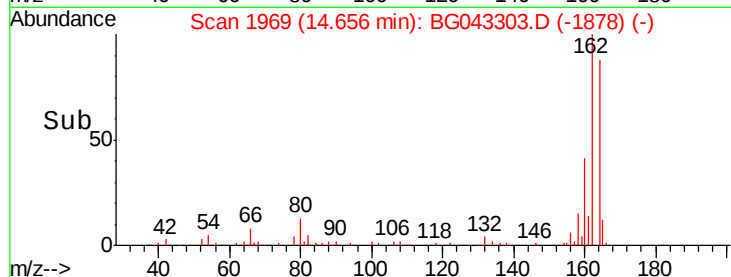
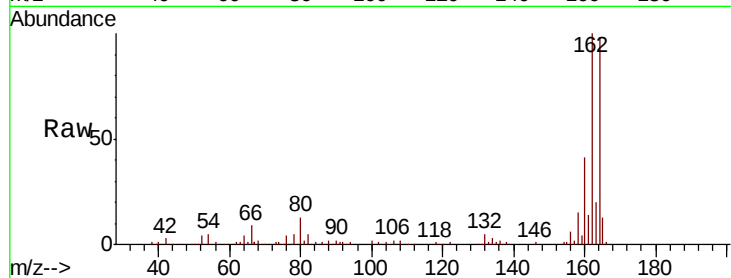
Tot Ion:164 Resp: 95915

Ion Ratio Lower Upper

164 100

162 102.2 87.0 130.4

160 42.1 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.026 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:216 Resp: 131430

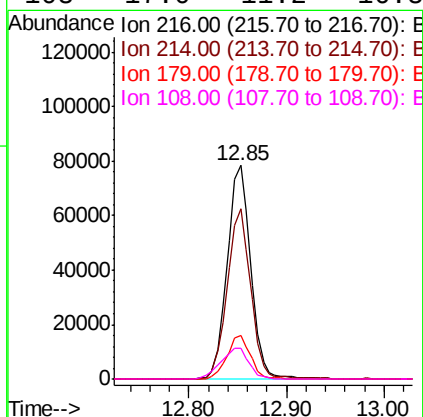
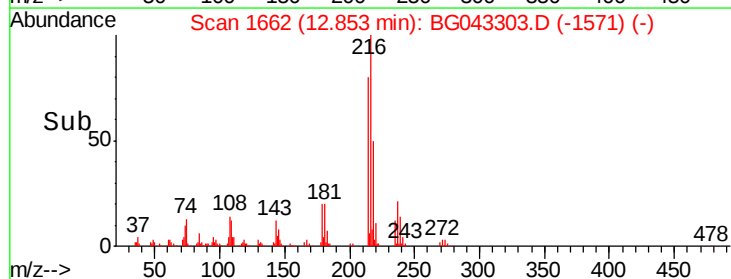
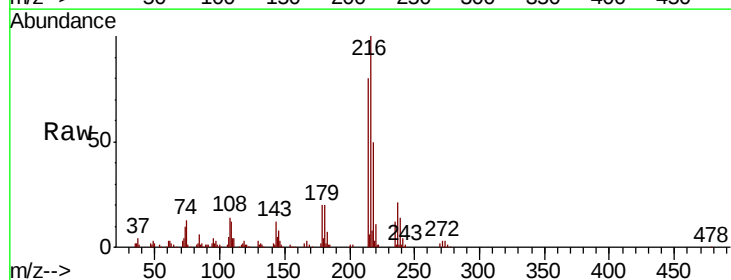
Ion Ratio Lower Upper

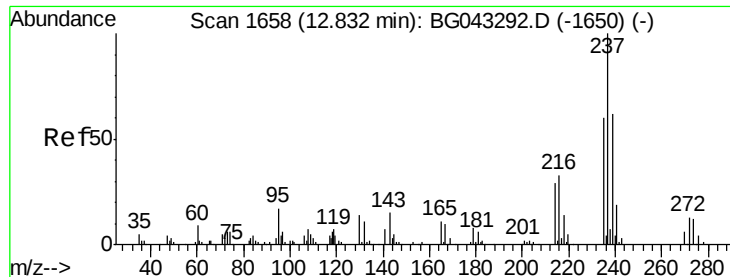
216 100

214 79.0 63.5 95.3

179 20.0 16.2 24.2

108 17.0 11.2 16.8#





#41

Hexachlorocyclopentadiene

Concen: 96.294 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

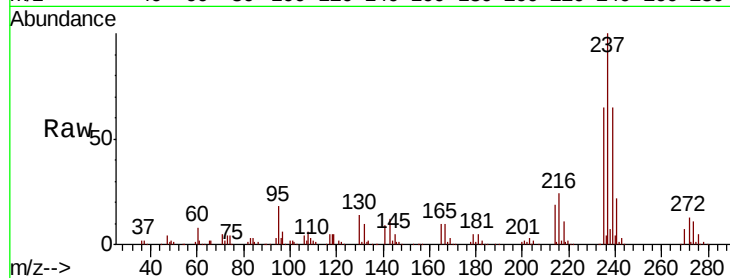
Tot Ion:237 Resp: 179556

Ion Ratio Lower Upper

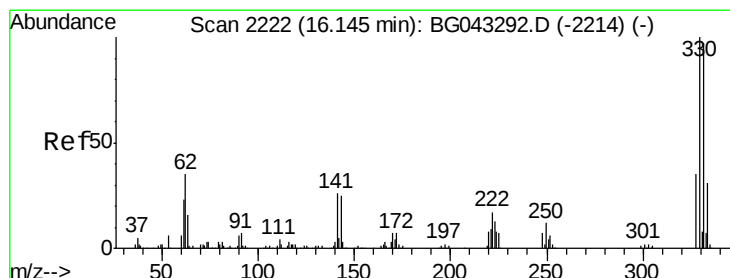
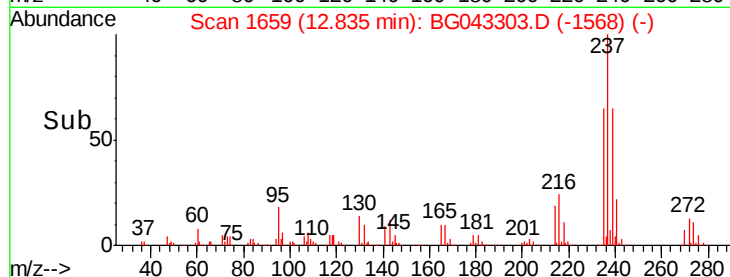
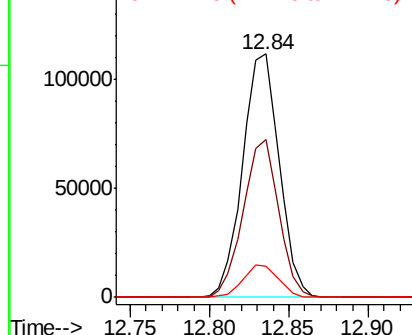
237 100

235 64.6 40.3 80.3

272 13.0 0.0 32.9



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



#42

2,4,6-Tribromophenol

Concen: 66.923 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

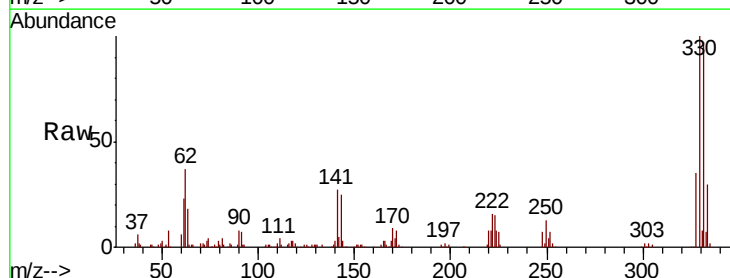
Tgt Ion:330 Resp: 122152

Ion Ratio Lower Upper

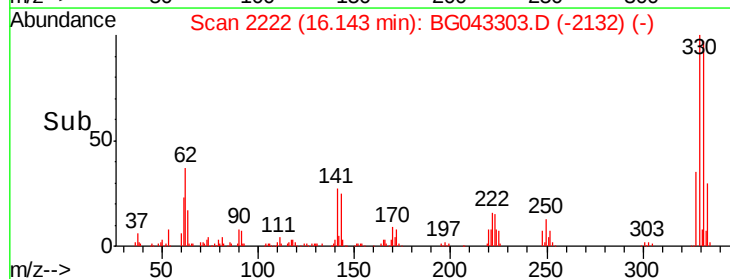
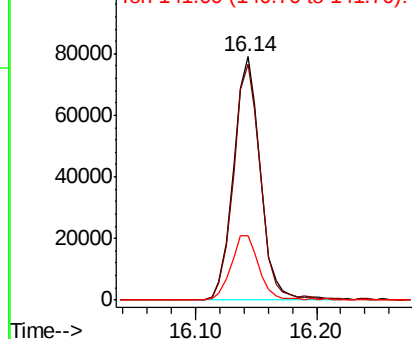
330 100

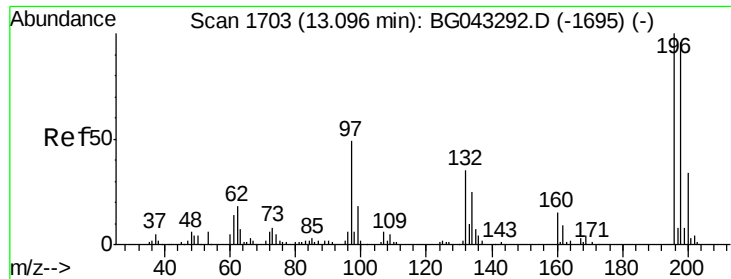
332 97.2 76.4 114.6

141 27.6 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

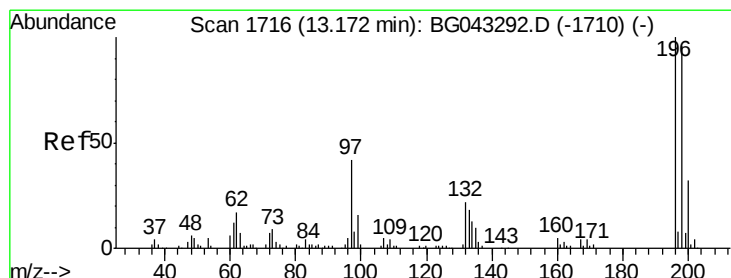
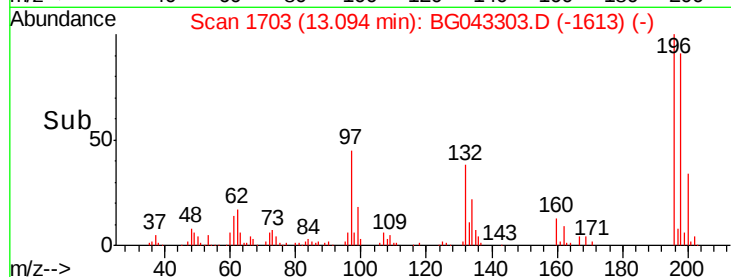
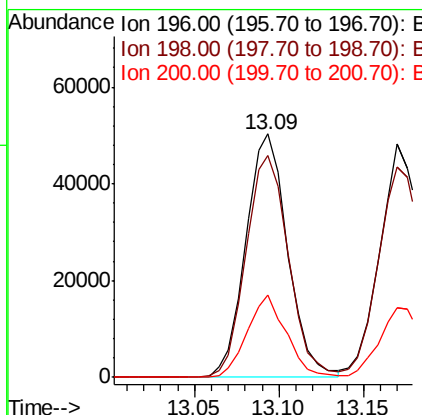
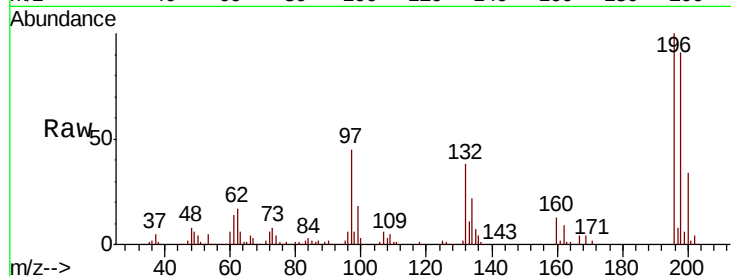




#43
 2,4,6-Trichlorophenol
 Concen: 41.378 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

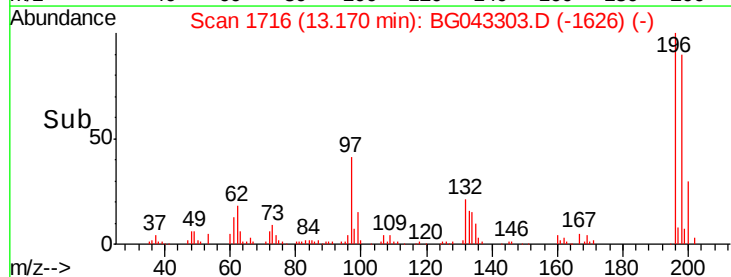
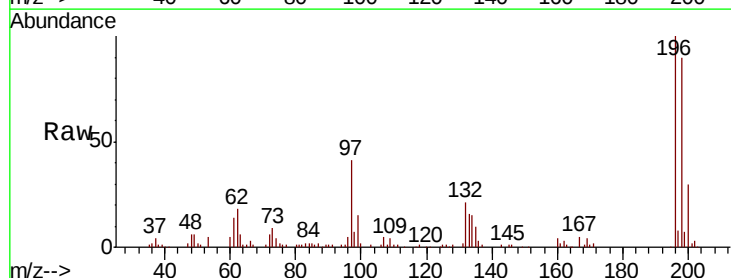
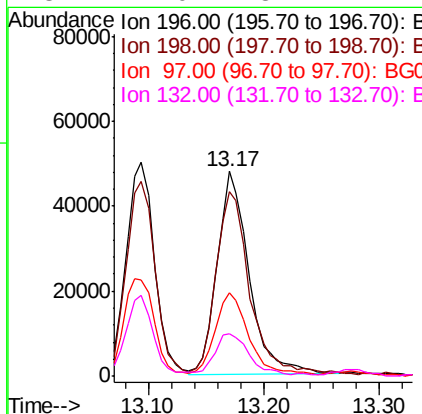
Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

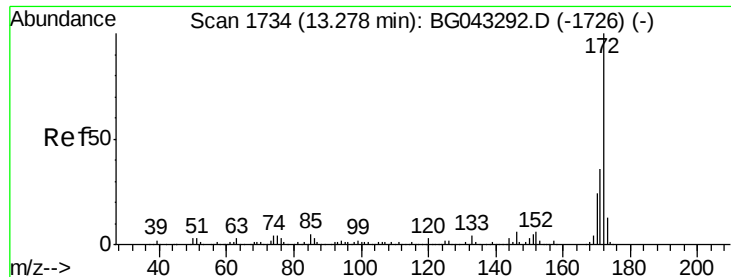
Tot Ion:196 Resp: 86499
 Ion Ratio Lower Upper
 196 100
 198 91.1 77.0 115.4
 200 34.0 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.273 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion:196 Resp: 91452
 Ion Ratio Lower Upper
 196 100
 198 90.2 76.6 114.8
 97 40.6 34.1 51.1
 132 21.0 18.2 27.4

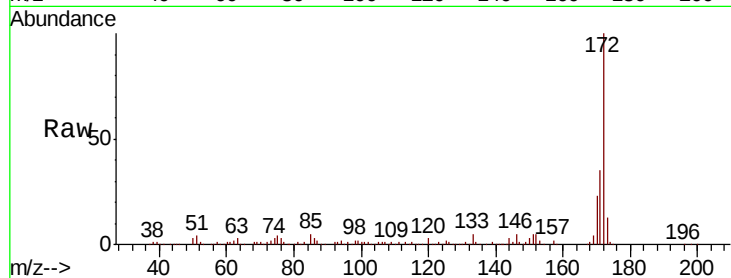




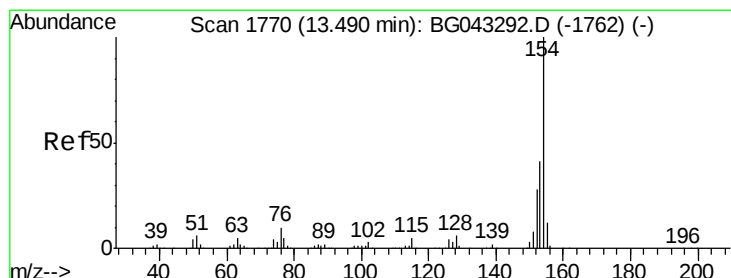
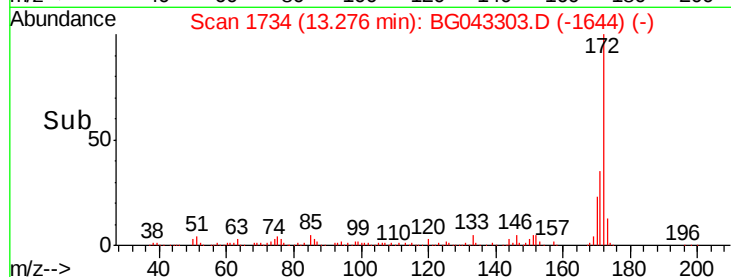
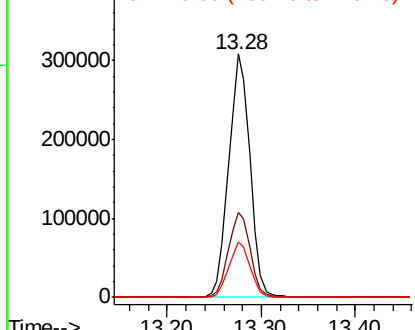
#45
 2-Fluorobiphenyl
 Concen: 69.742 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Tot Ion:172 Resp: 484103
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 22.6 18.8 28.2

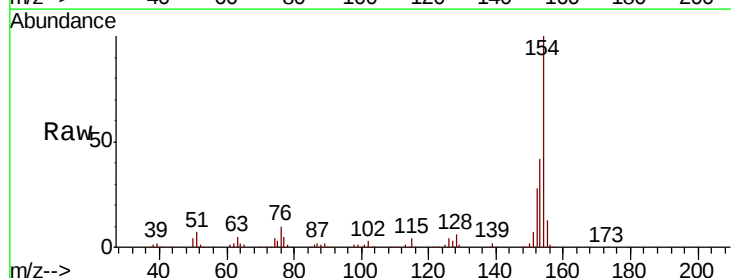


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

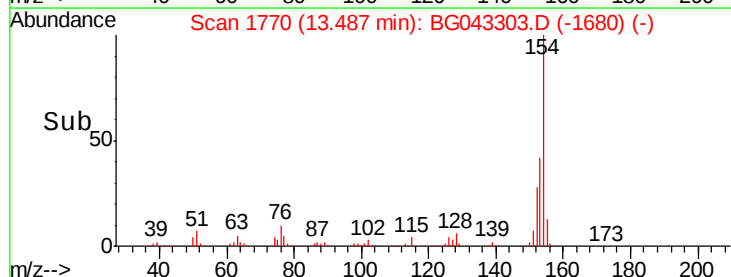
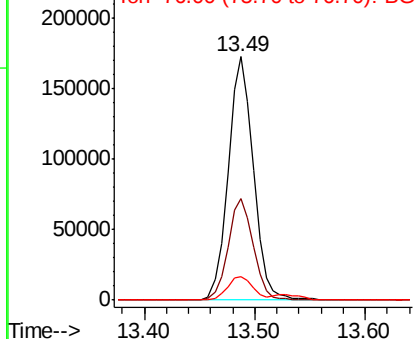


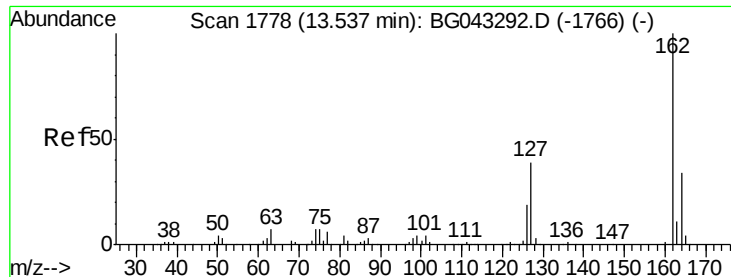
#46
 1,1'-Biphenyl
 Concen: 37.798 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion:154 Resp: 275799
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.0 61.0
 76 9.7 0.0 29.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

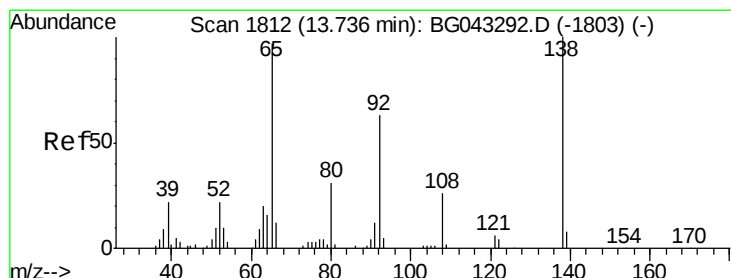
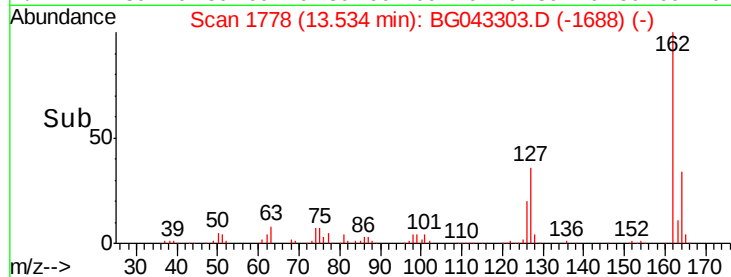
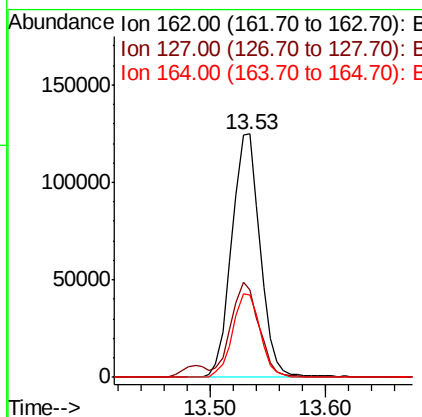
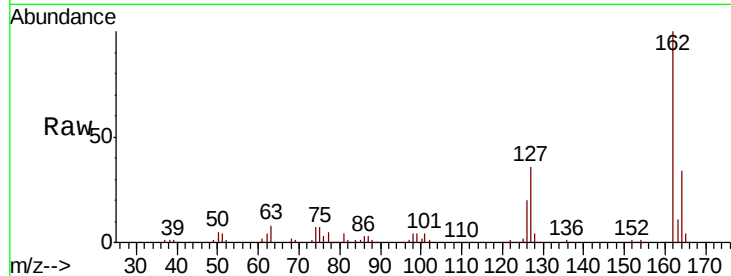




#47
 2-Chloronaphthalene
 Concen: 38.582 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

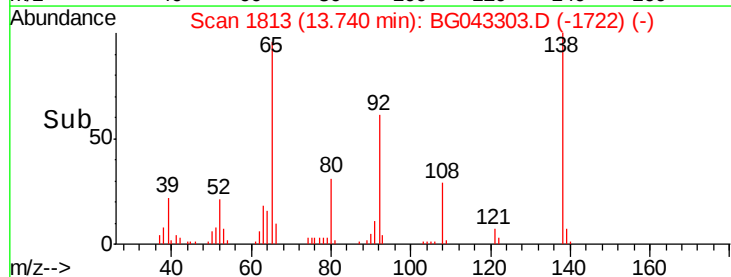
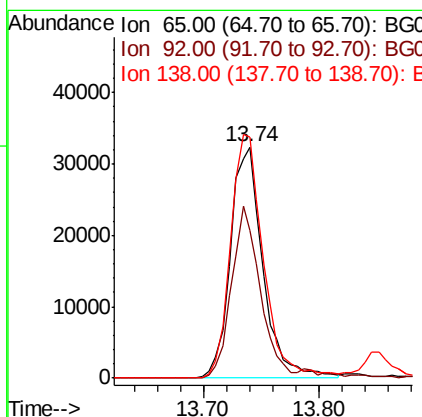
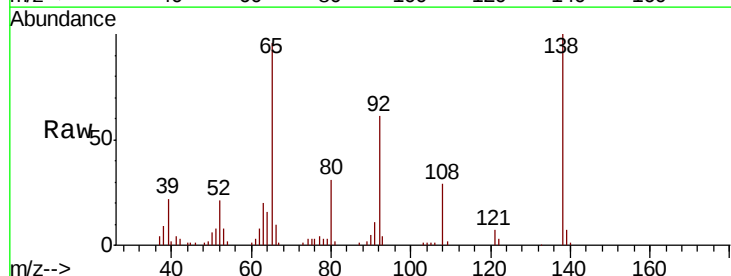
Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

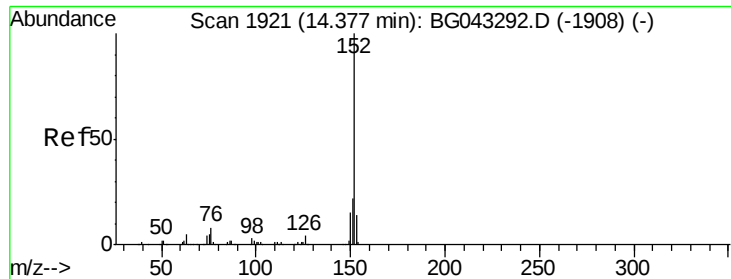
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.7	31.3	46.9
164	33.7	26.8	40.2



#48
 2-Nitroaniline
 Concen: 37.976 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	52.6	79.0
138	104.2	82.9	124.3





#49

Acenaphthylene

Concen: 41.498 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

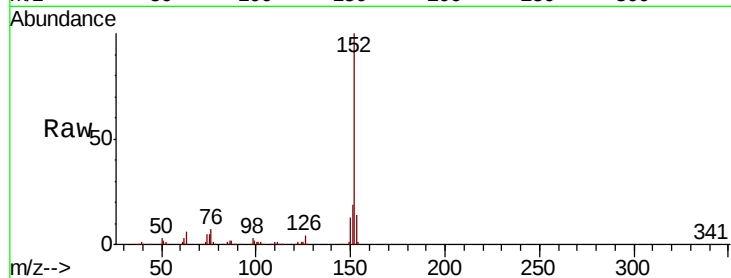
Tot Ion:152 Resp: 358569

Ion Ratio Lower Upper

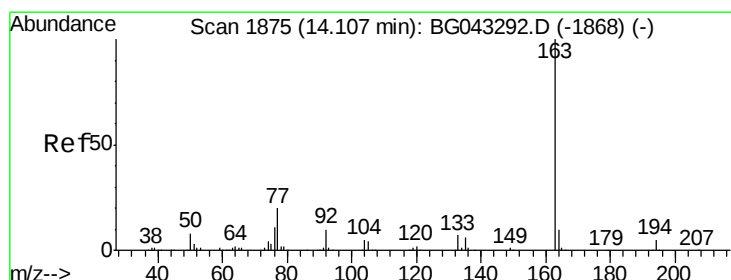
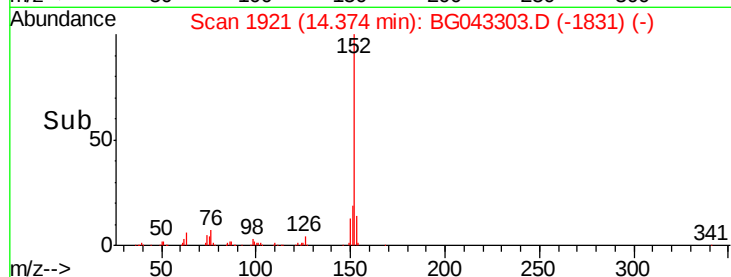
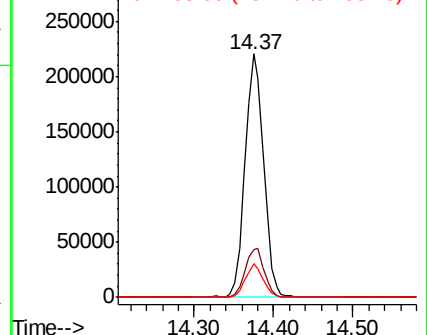
152 100

151 19.5 17.2 25.8

153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.122 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

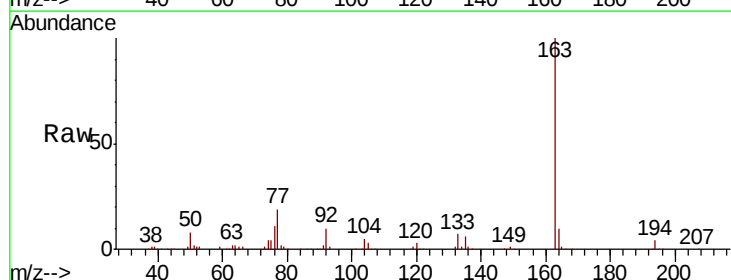
Tgt Ion:163 Resp: 290648

Ion Ratio Lower Upper

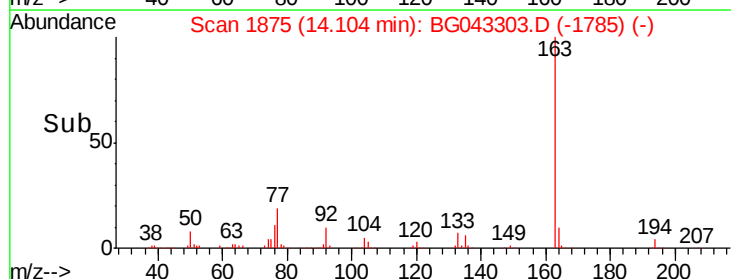
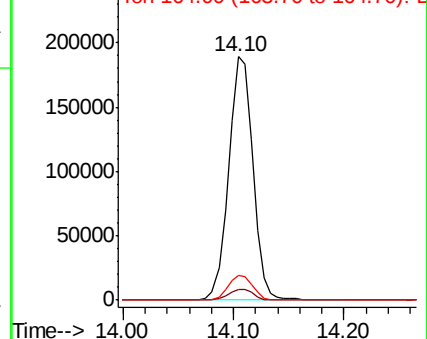
163 100

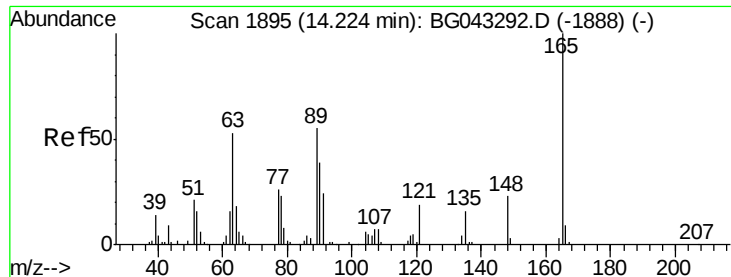
194 4.3 3.7 5.5

164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

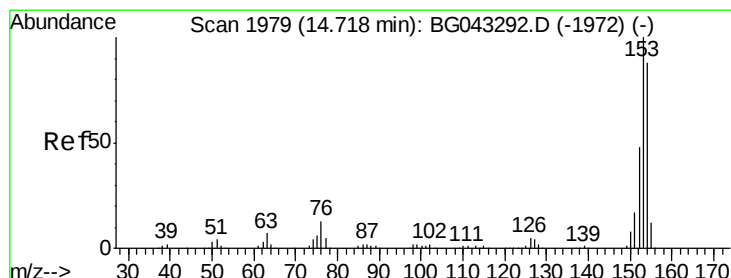
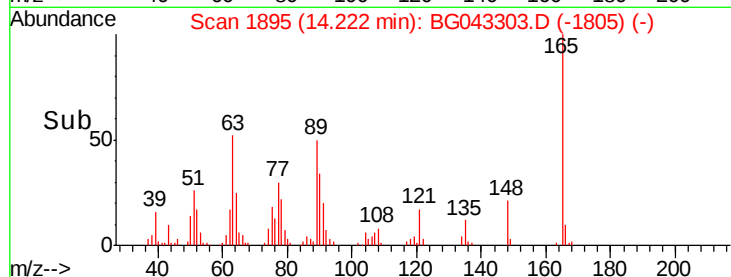
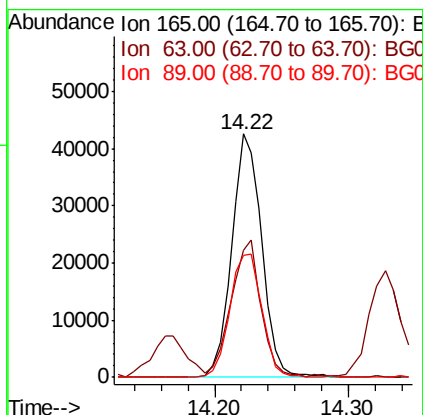
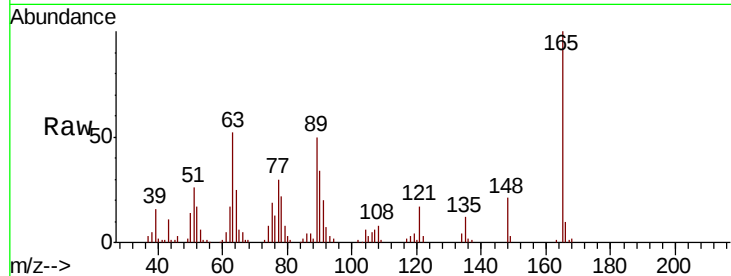




#51
2,6-Dinitrotoluene
Concen: 41.125 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

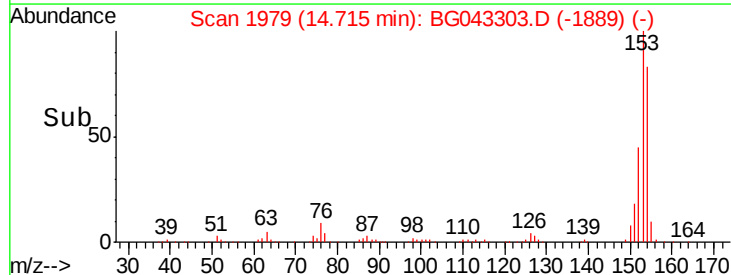
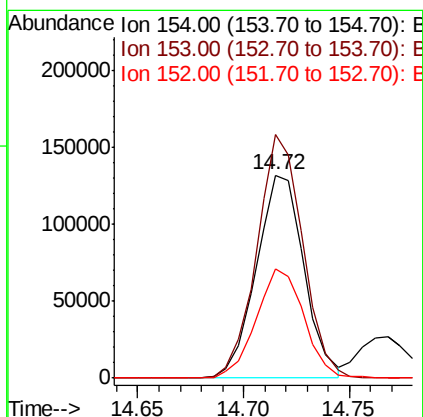
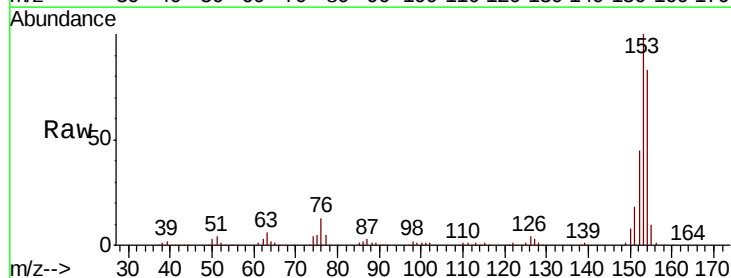
Instrument :
BNA_G
ClientSampled :
PB123887BS

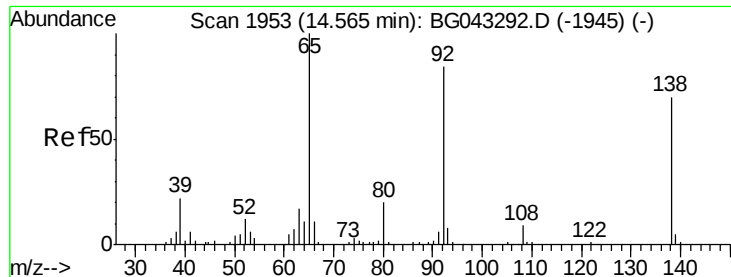
Tot Ion:165 Resp: 66375
Ion Ratio Lower Upper
165 100
63 52.5 47.1 70.7
89 50.1 43.7 65.5



#52
Acenaphthene
Concen: 39.226 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion:154 Resp: 206695
Ion Ratio Lower Upper
154 100
153 119.9 90.9 136.3
152 53.8 43.9 65.9





#53

3-Nitroaniline

Concen: 25.536 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

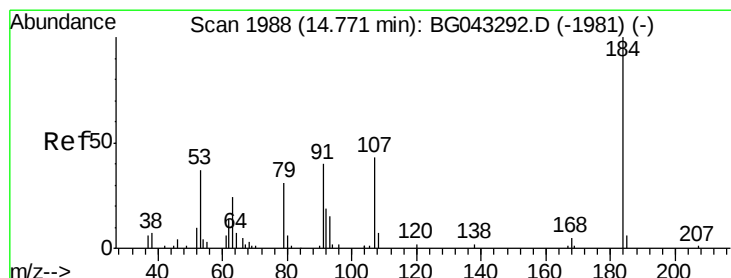
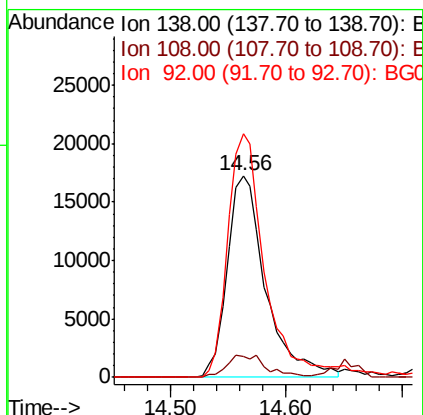
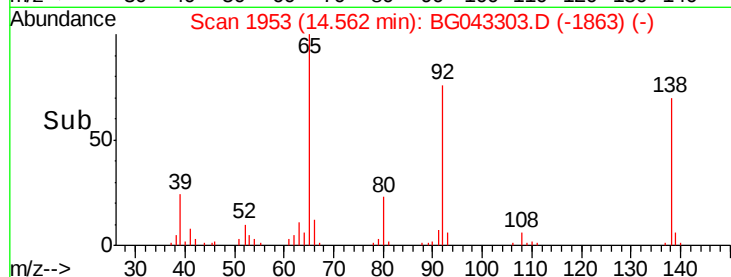
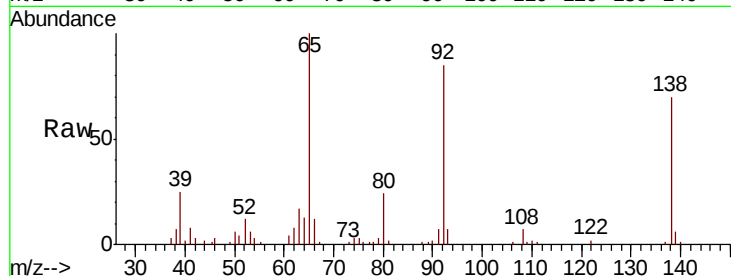
Tot Ion:138 Resp: 39793

Ion Ratio Lower Upper

138 100

108 10.3 9.8 14.6

92 120.7 95.8 143.6



#54

2,4-Dinitrophenol

Concen: 75.723 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

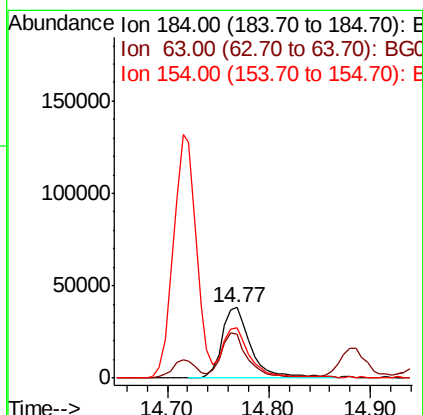
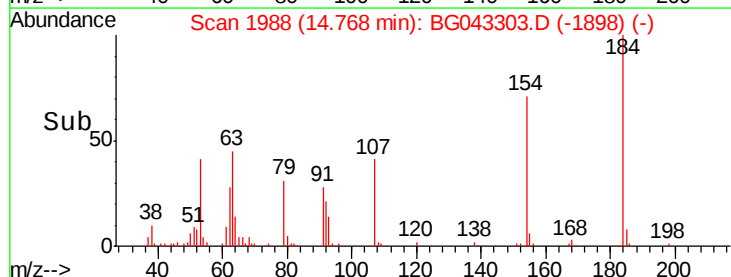
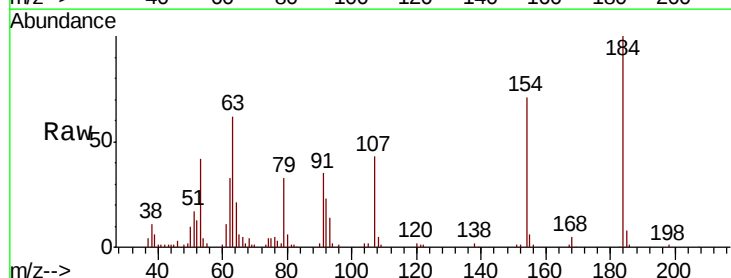
Tgt Ion:184 Resp: 75887

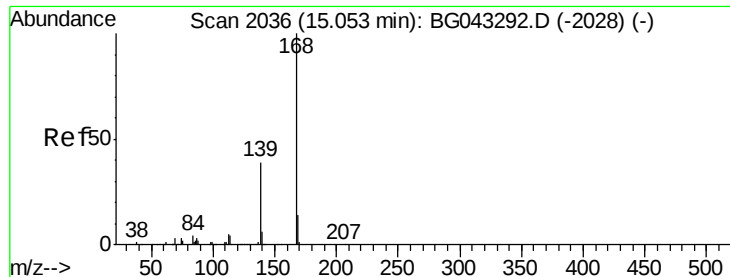
Ion Ratio Lower Upper

184 100

63 62.0 48.8 73.2

154 71.0 49.4 74.0

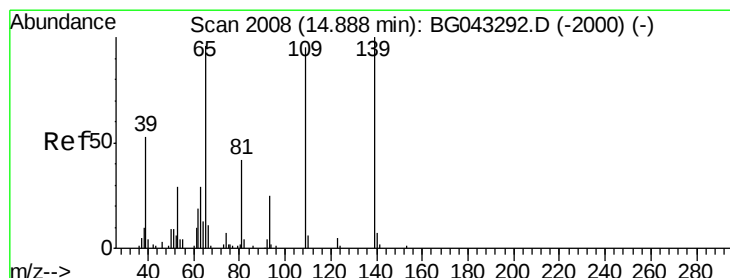
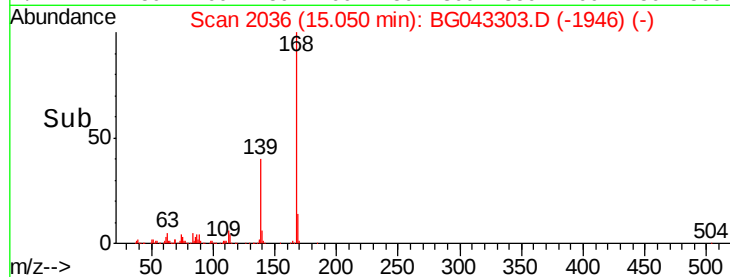
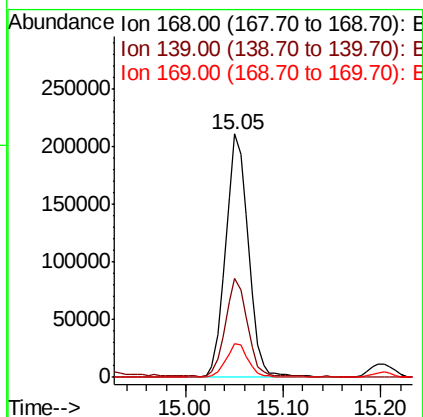
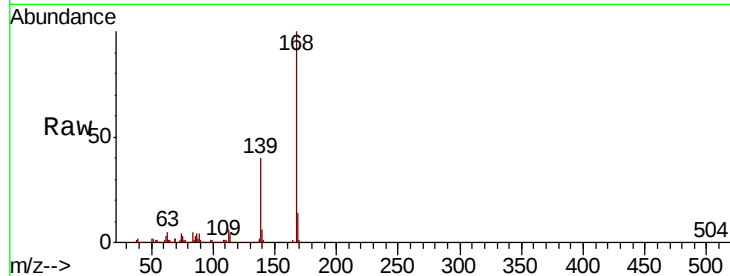




#55
Dibenzenofuran
Concen: 39.764 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

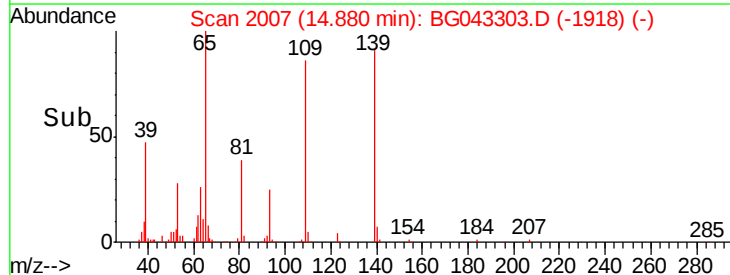
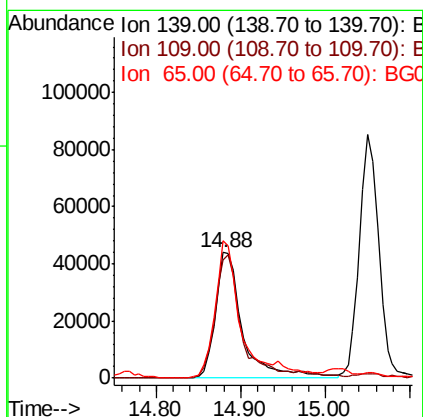
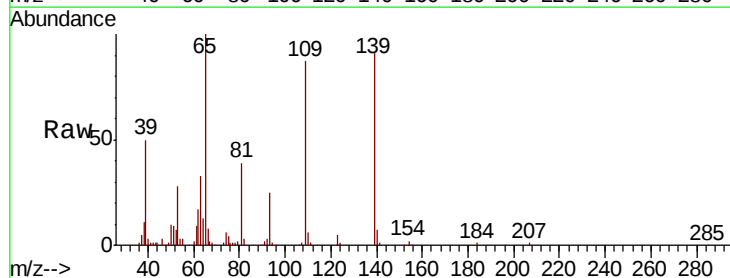
Instrument :
BNA_G
ClientSampleId :
PB123887BS

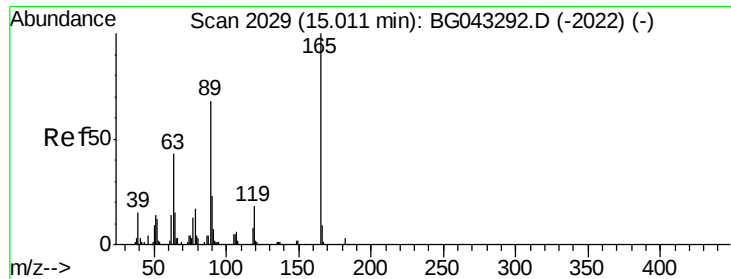
Tot Ion:168 Resp: 339791
Ion Ratio Lower Upper
168 100
139 40.4 31.7 47.5
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 95.064 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion:139 Resp: 99271
Ion Ratio Lower Upper
139 100
109 94.6 75.4 115.4
65 109.3 76.6 116.6

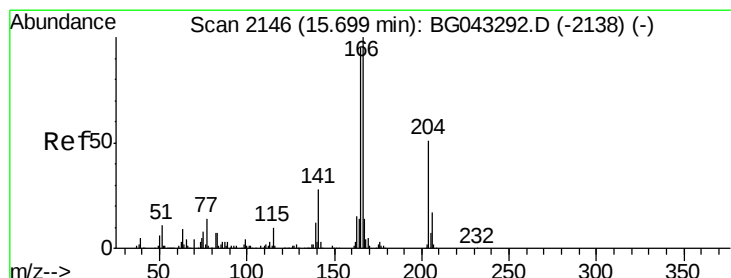
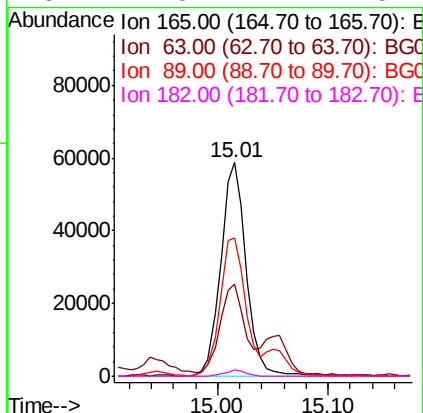
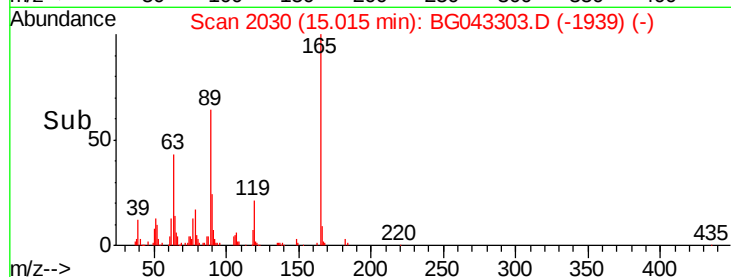
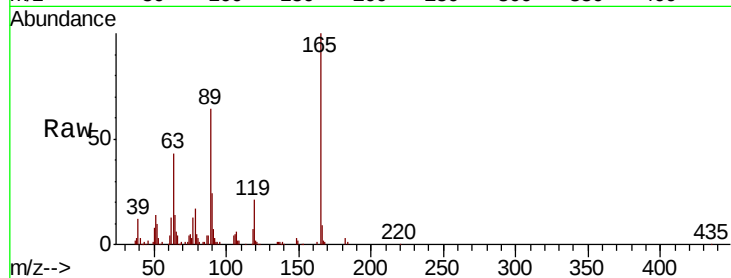




#57
2,4-Dinitrotoluene
Concen: 40.890 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

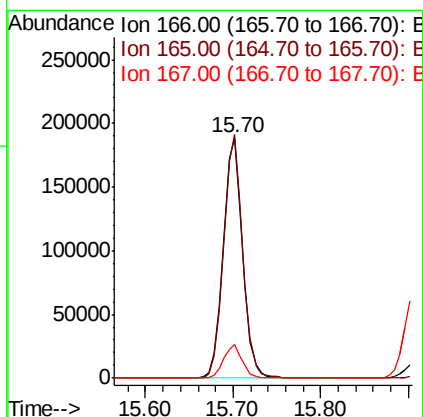
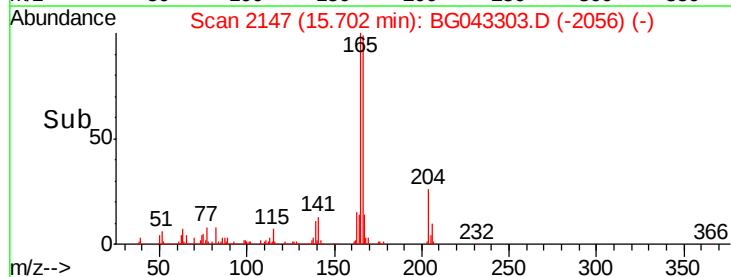
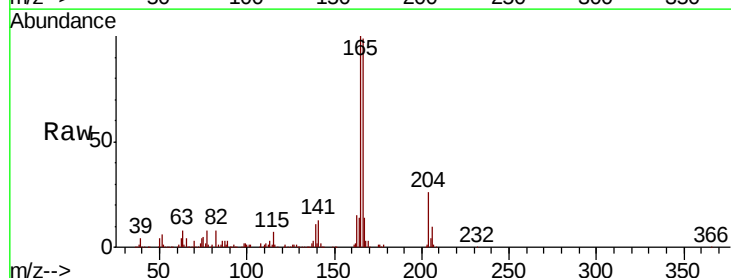
Instrument :
BNA_G
ClientSampleId :
PB123887BS

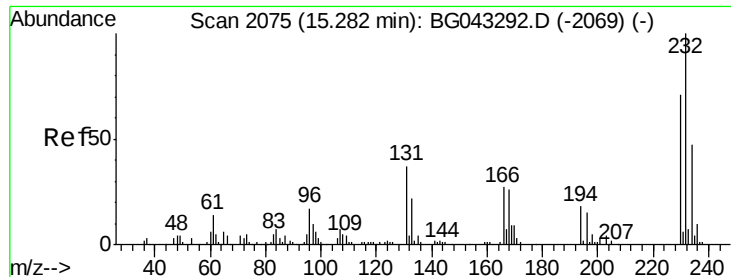
Tot Ion:165 Resp: 94316
Ion Ratio Lower Upper
165 100
63 43.3 35.0 52.6
89 64.5 54.1 81.1
182 2.8 2.2 3.2



#58
Fluorene
Concen: 40.309 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion:166 Resp: 288892
Ion Ratio Lower Upper
166 100
165 101.4 76.4 114.6
167 14.0 11.1 16.7

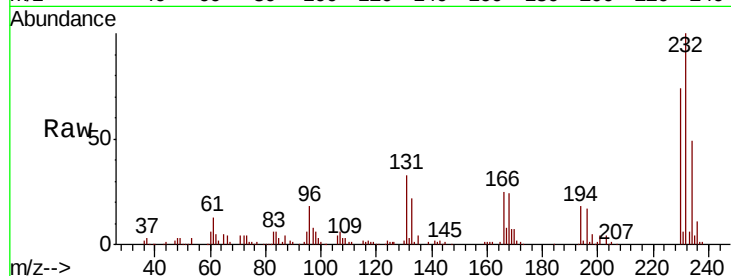




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.065 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.9	28.7	43.1
130	2.2	0.6	0.8
166	26.3	21.1	31.7



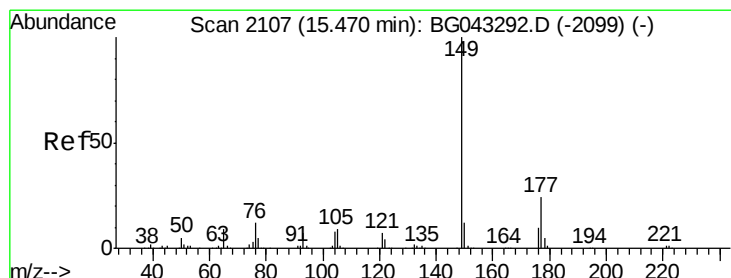
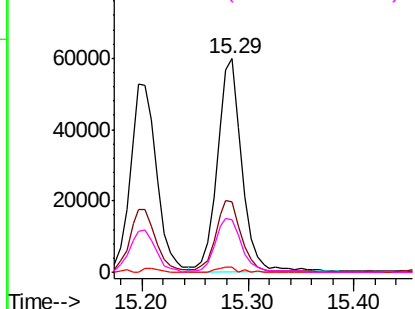
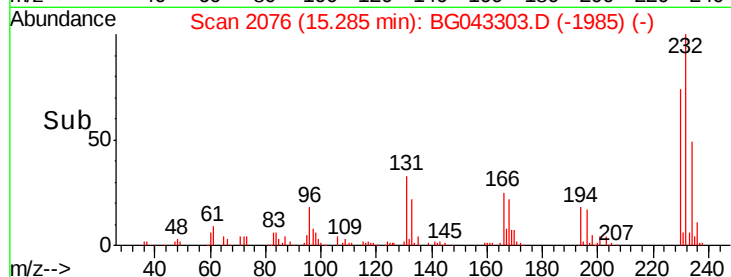
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

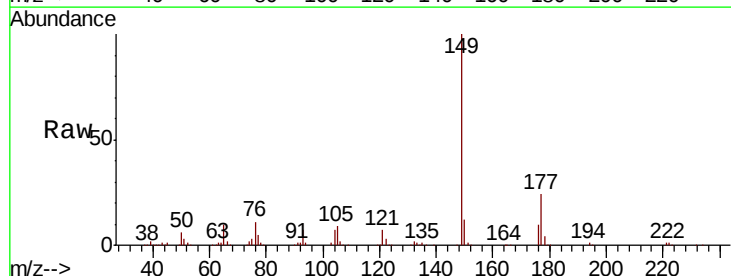
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.986 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.0	28.4
150	11.9	9.4	14.0

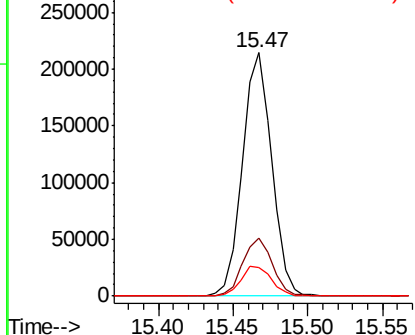
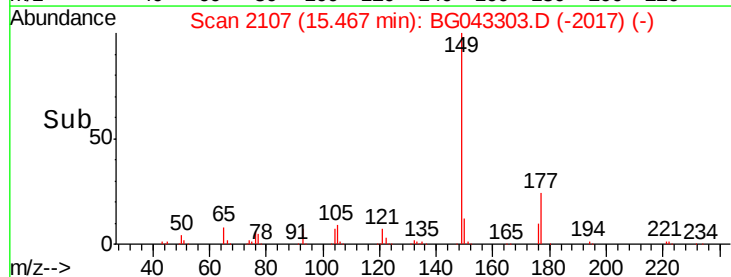


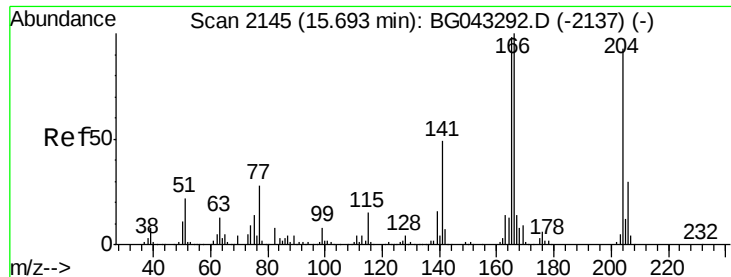
Abundance

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

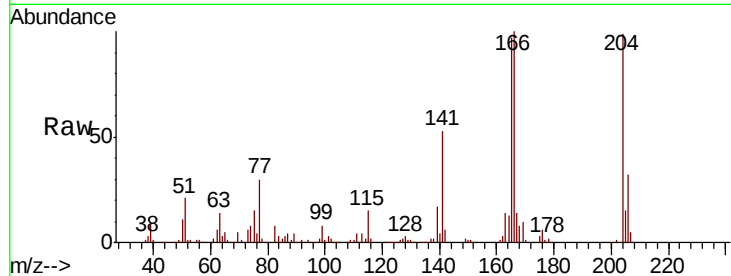




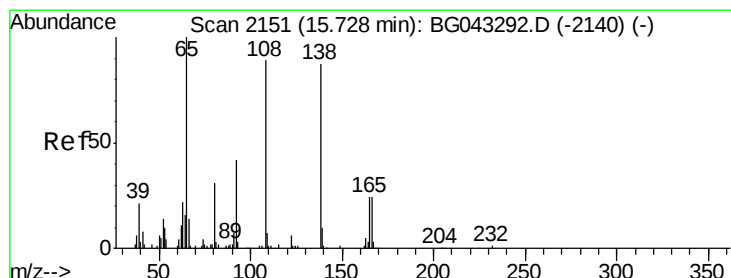
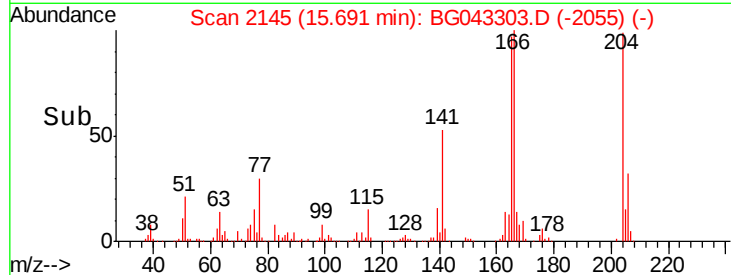
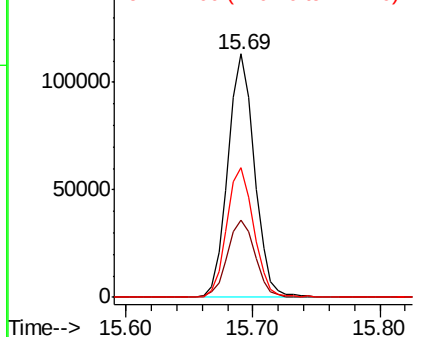
#61
4-Chlorophenyl-phenylether
Concen: 39.266 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion:204 Resp: 164172
Ion Ratio Lower Upper
204 100
206 31.9 25.7 38.5
141 53.5 42.3 63.5

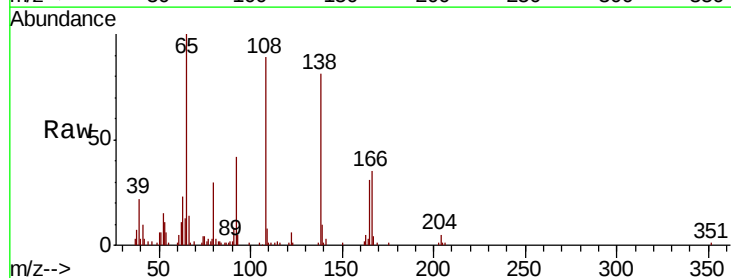


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

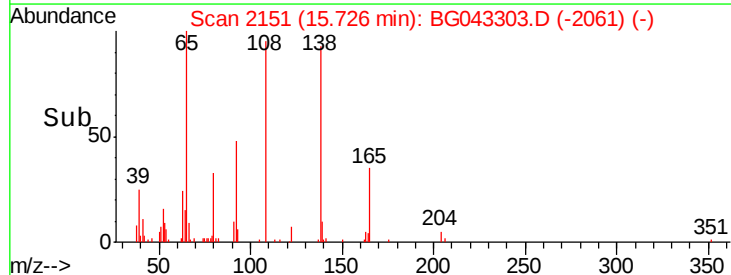
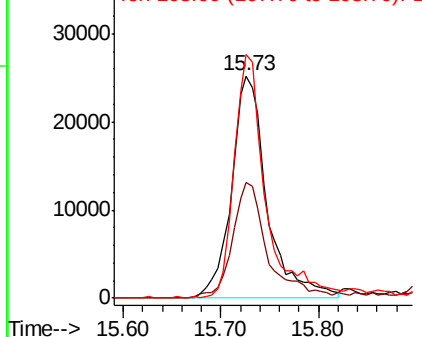


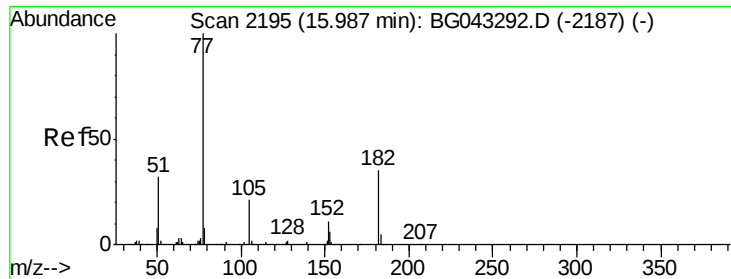
#62
4-Nitroaniline
Concen: 39.540 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion:138 Resp: 63632
Ion Ratio Lower Upper
138 100
92 51.7 28.8 68.8
108 109.5 82.7 122.7



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: 40.679 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

Tot Ion: 77 Resp: 245760

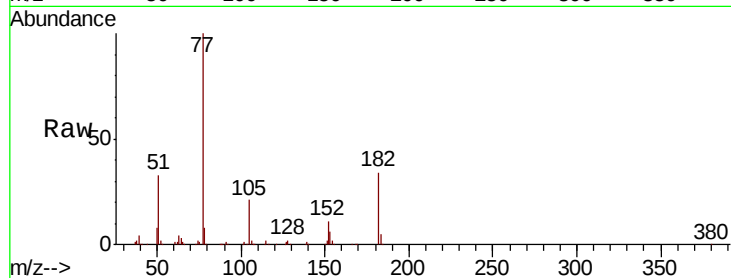
Ion Ratio Lower Upper

77 100

182 34.1 14.9 54.9

105 20.7 0.6 40.6

51 33.1 12.5 52.5

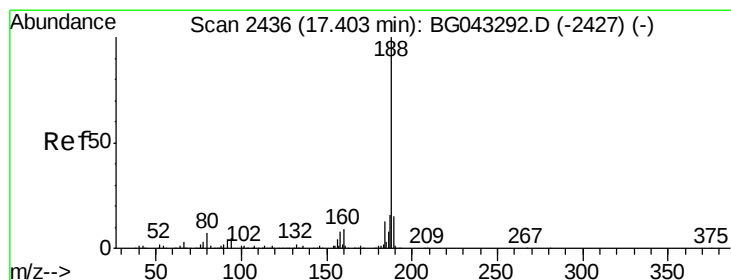
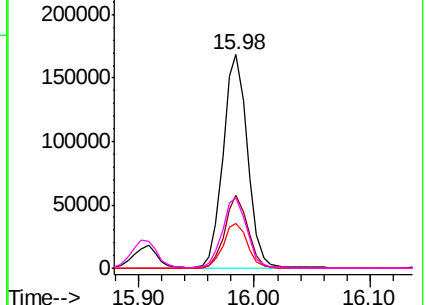
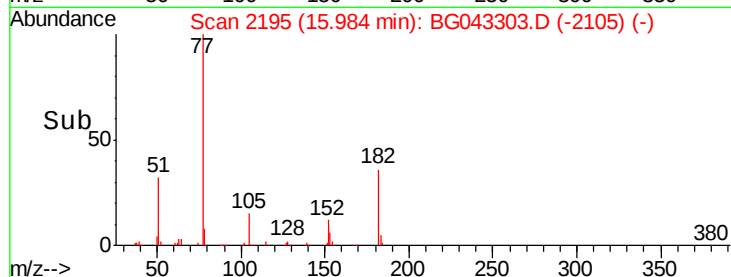


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

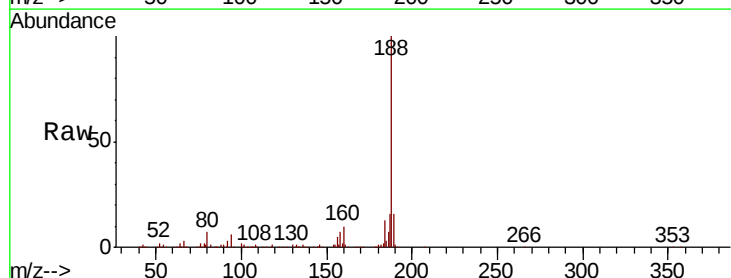
Tgt Ion: 188 Resp: 232726

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

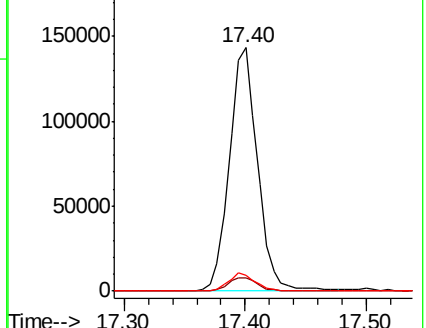
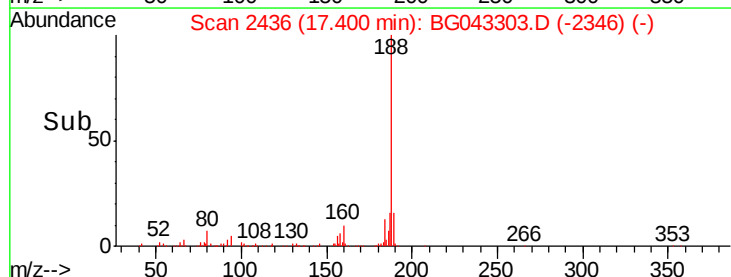
80 6.6 5.2 7.8

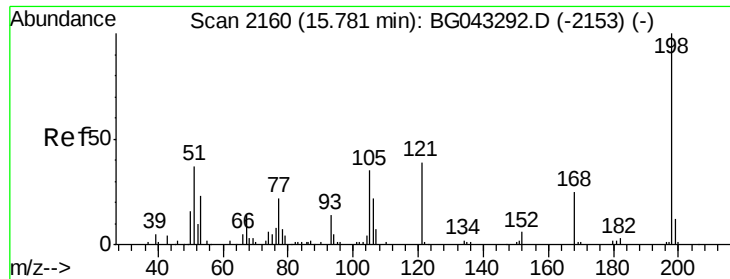


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

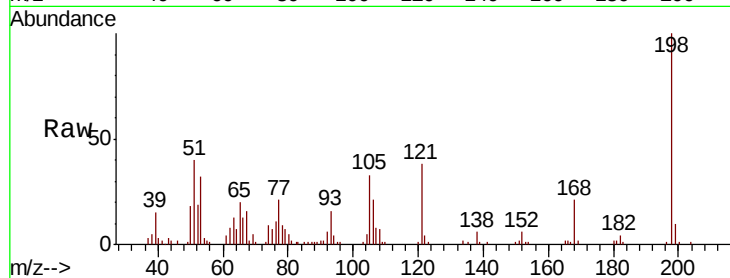




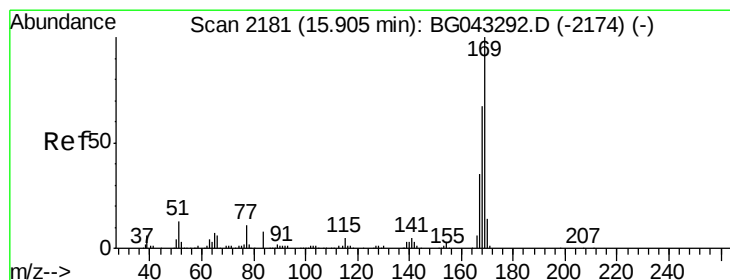
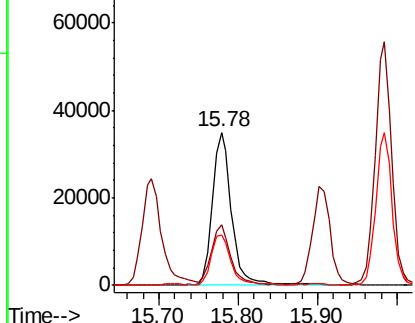
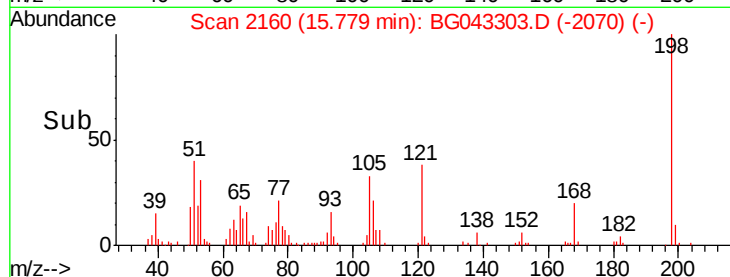
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.745 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BS

Tot Ion:198 Resp: 58544
 Ion Ratio Lower Upper
 198 100
 51 40.0 21.4 61.4
 105 33.2 16.5 56.5

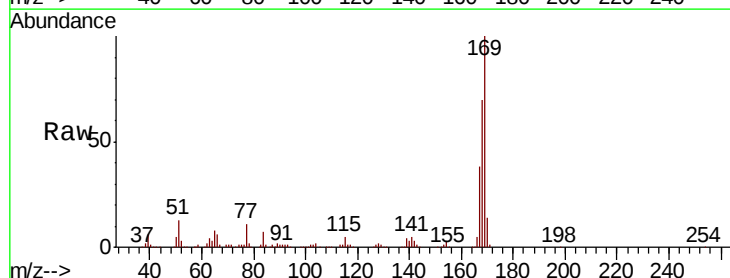


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

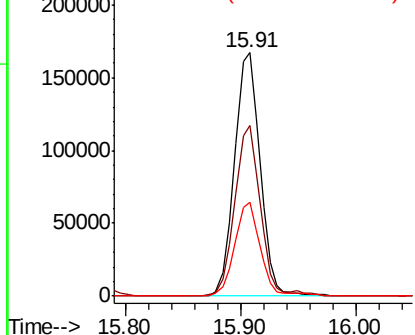
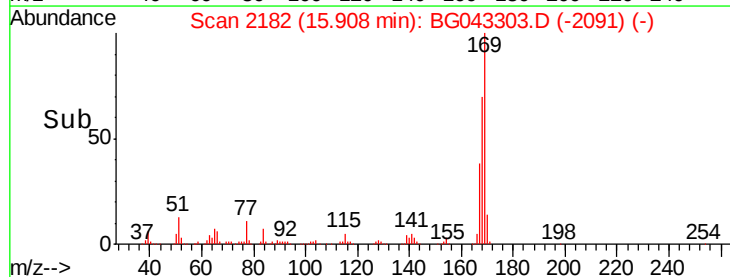


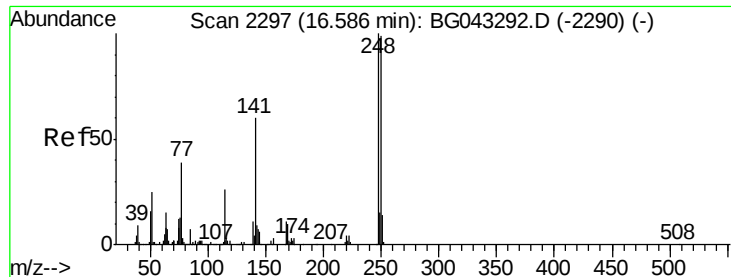
#66
 n-Nitrosodiphenylamine
 Concen: 39.201 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BG043303.D
 Acq: 22 Oct 2019 12:27

Tgt Ion:169 Resp: 257571
 Ion Ratio Lower Upper
 169 100
 168 70.1 53.9 80.9
 167 38.3 28.3 42.5



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

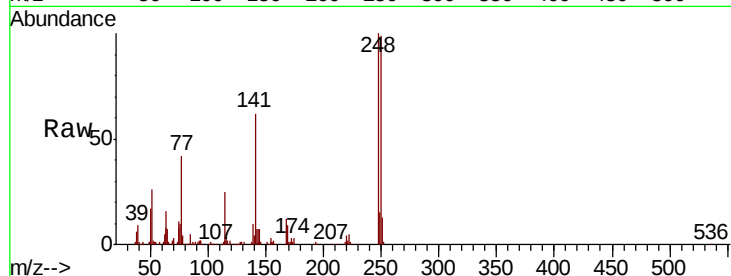




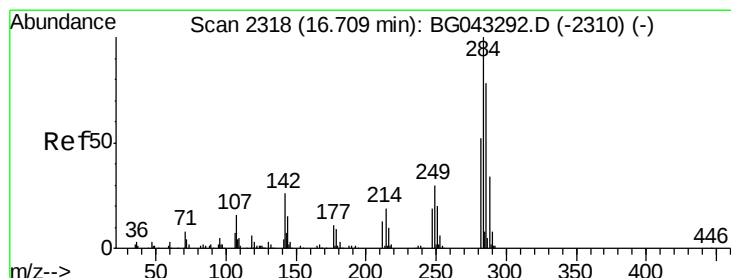
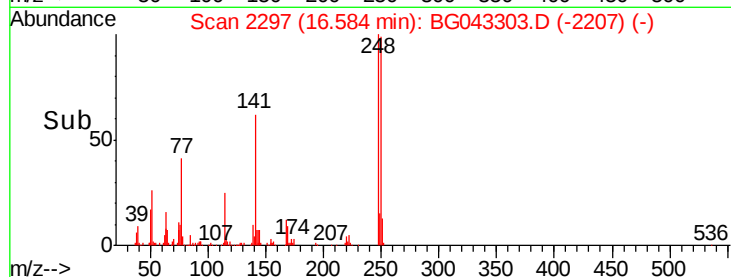
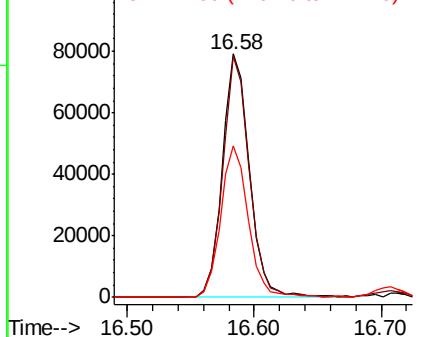
#67
4-Bromophenyl-phenylether
Concen: 37.231 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion:248 Resp: 116606
Ion Ratio Lower Upper
248 100
250 98.9 79.3 118.9
141 62.1 47.9 71.9

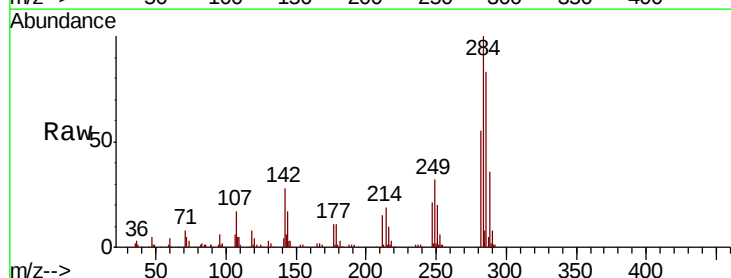


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

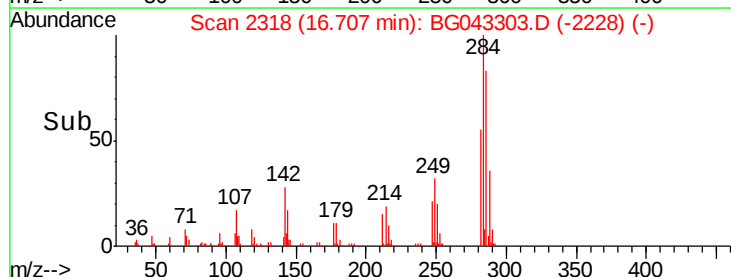
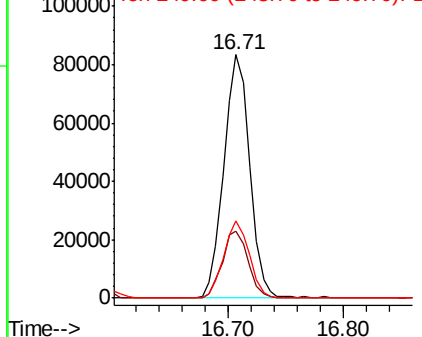


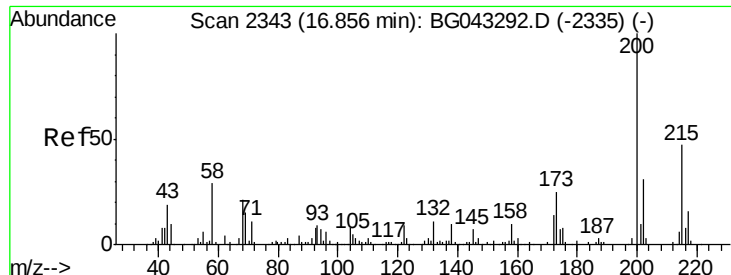
#68
Hexachlorobenzene
Concen: 35.894 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion:284 Resp: 129042
Ion Ratio Lower Upper
284 100
142 27.8 21.1 31.7
249 31.5 24.4 36.6



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

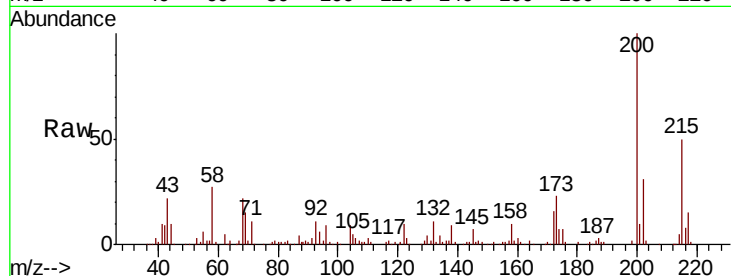




#69
Atrazine
Concen: 45.975 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.0	5.1	45.1
215	49.6	26.6	66.6

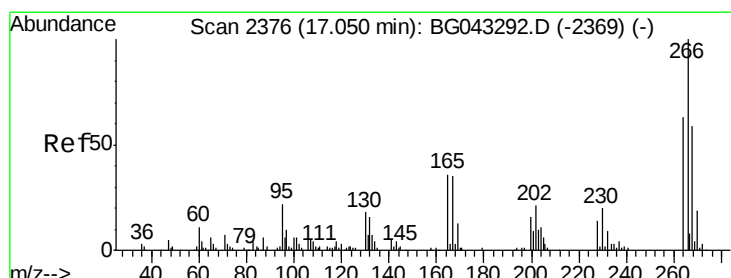
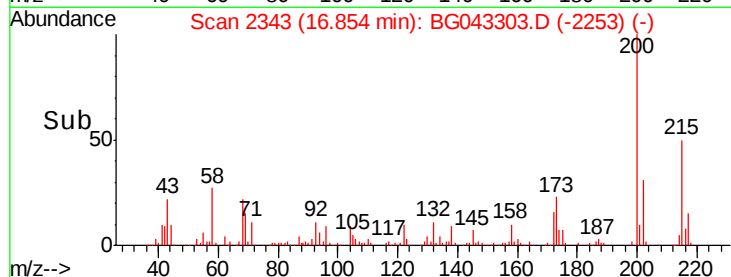
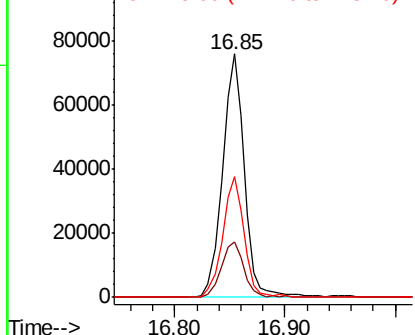


Abundance

Ion 200.00 (199.70 to 200.70): E

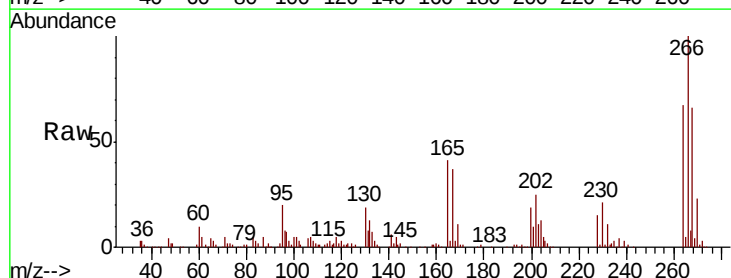
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 92.082 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	47.1	70.7
264	67.1	50.4	75.6

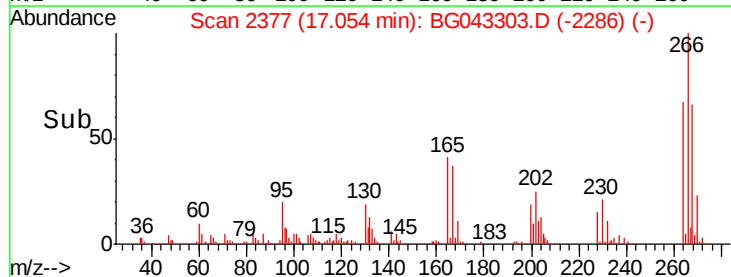
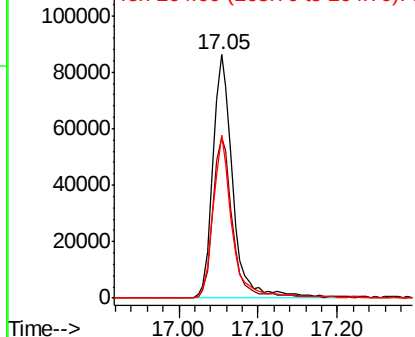


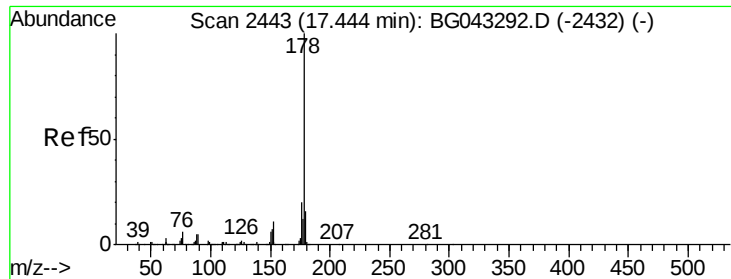
Abundance

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

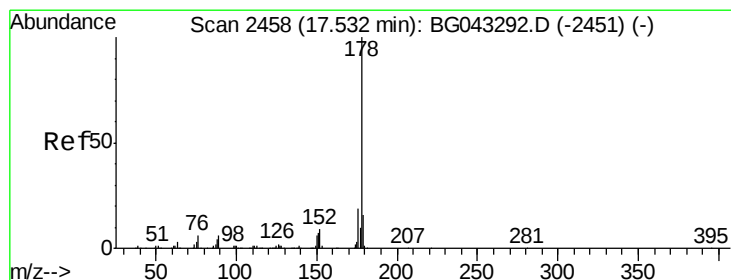
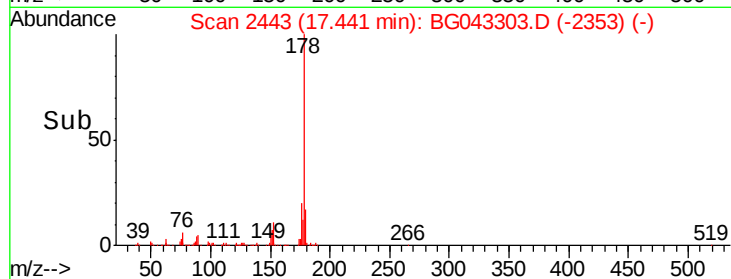
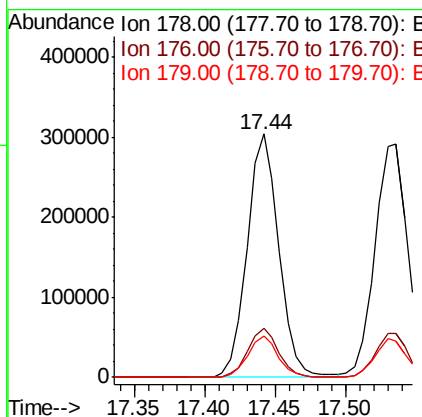
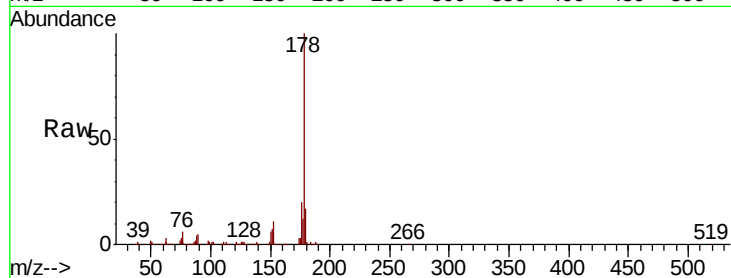




#71
Phenanthrene
Concen: 40.129 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

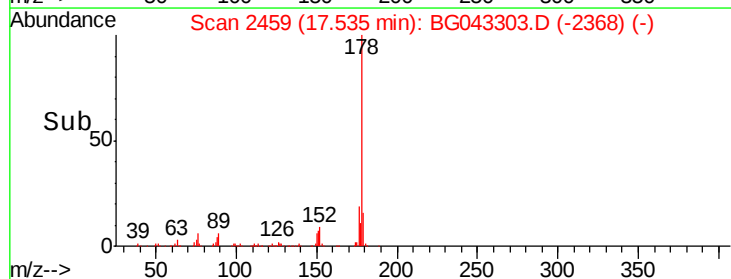
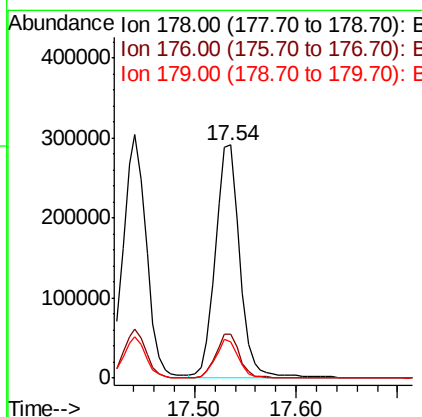
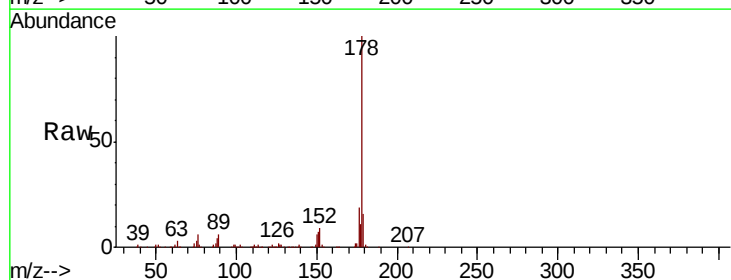
Instrument :
BNA_G
ClientSampleId :
PB123887BS

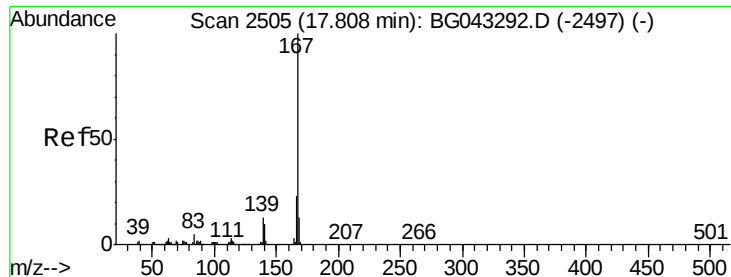
Tot Ion:178 Resp: 478229
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 17.2 13.1 19.7



#72
Anthracene
Concen: 40.603 ng
RT: 17.54 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion:178 Resp: 484126
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.8 13.0 19.6





#73

Carbazole

Concen: 42.049 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

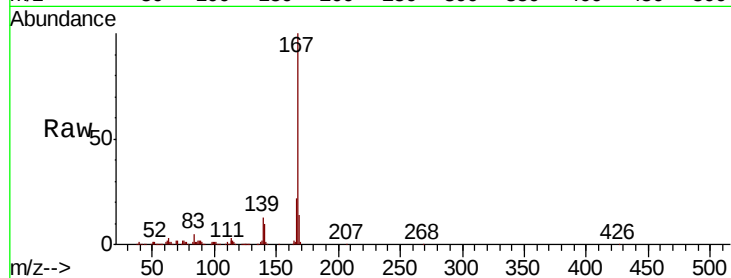
Tot Ion:167 Resp: 454026

Ion Ratio Lower Upper

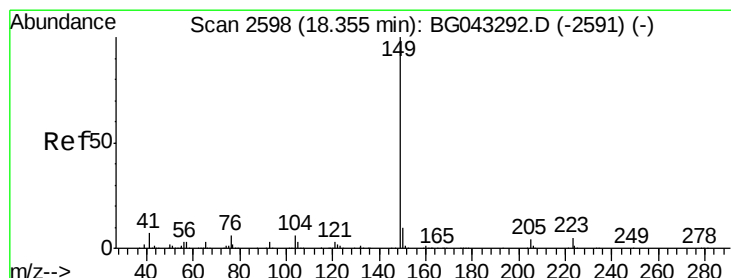
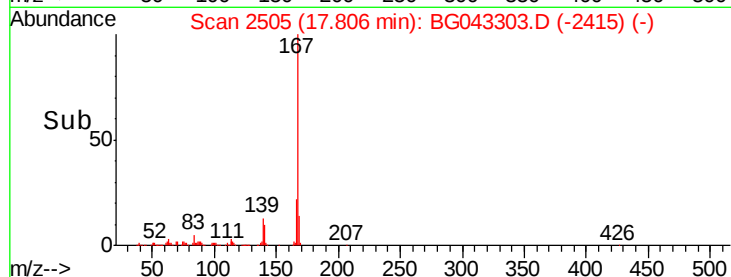
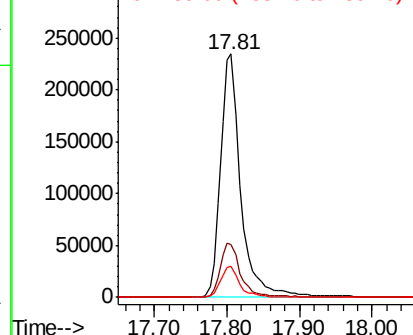
167 100

166 22.0 18.4 27.6

139 12.9 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.396 ng

RT: 18.36 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

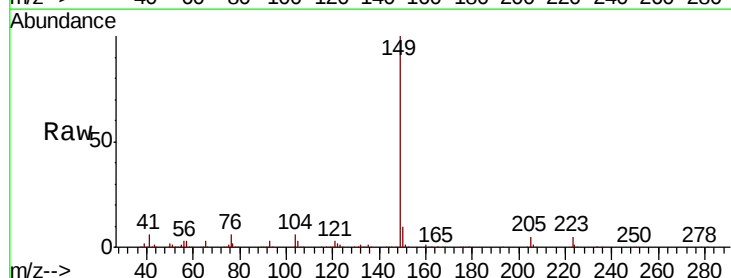
Tgt Ion:149 Resp: 542347

Ion Ratio Lower Upper

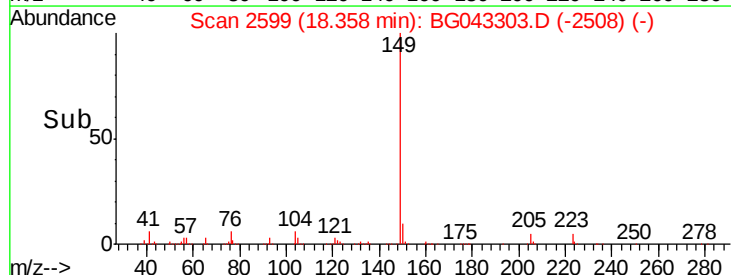
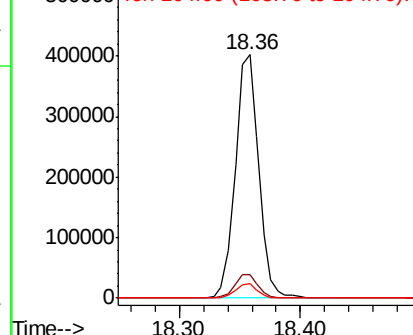
149 100

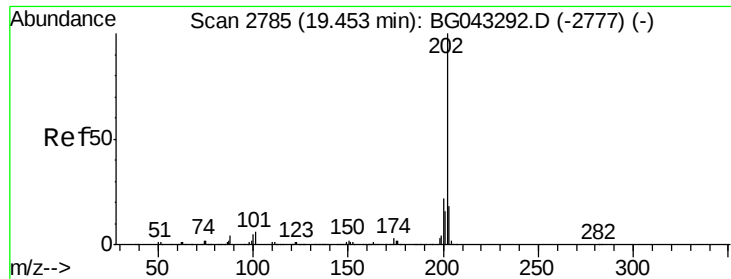
150 9.8 8.0 12.0

104 5.8 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.400 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

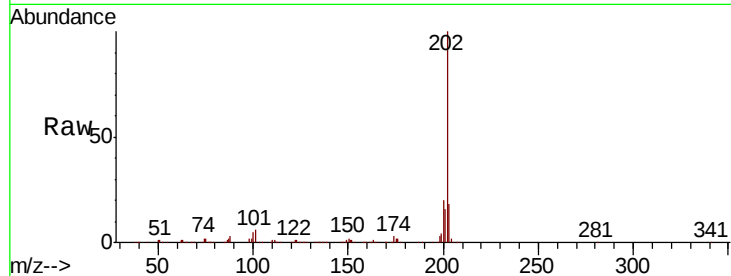
Tot Ion:202 Resp: 674286

Ion Ratio Lower Upper

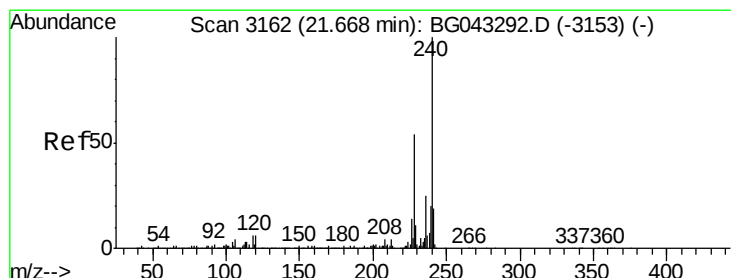
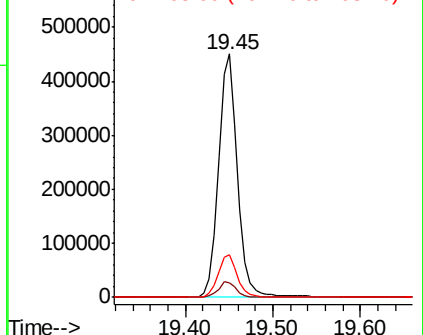
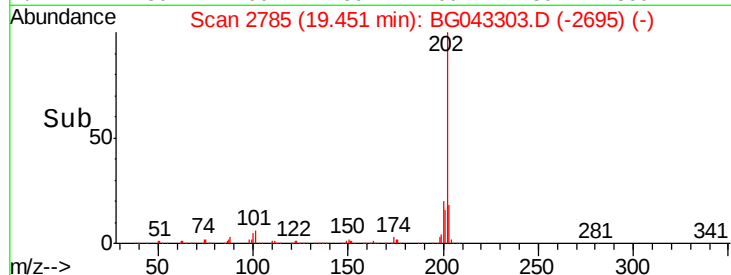
202 100

101 6.1 0.0 26.0

203 17.6 0.0 38.2



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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

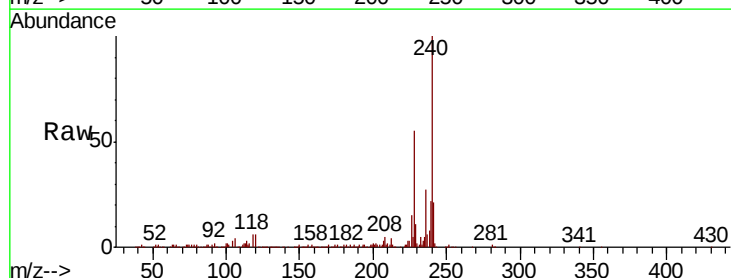
Tgt Ion:240 Resp: 289124

Ion Ratio Lower Upper

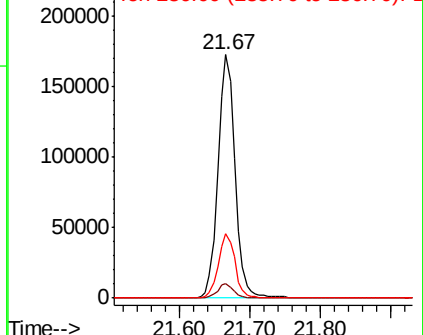
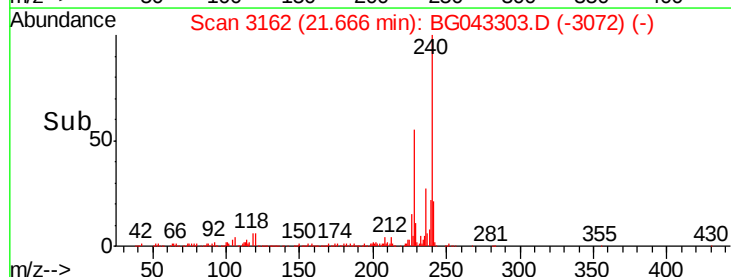
240 100

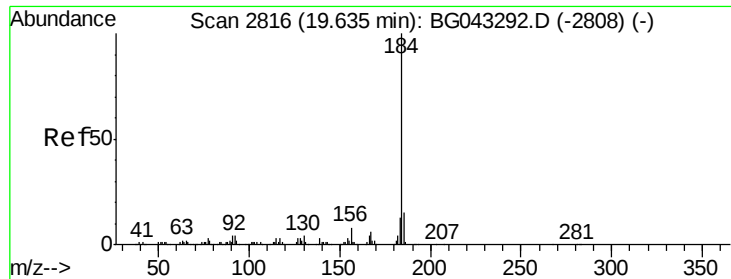
120 5.9 4.6 7.0

236 26.5 20.2 30.4



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: 49.905 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

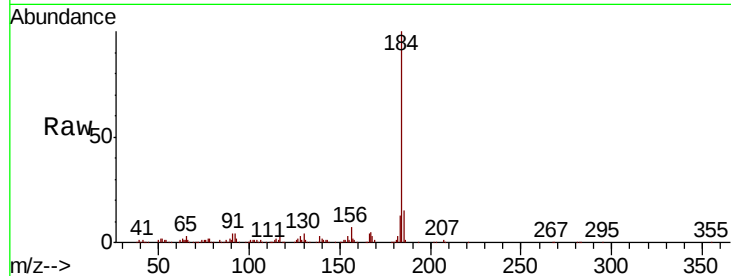
Tot Ion:184 Resp: 290381

Ion Ratio Lower Upper

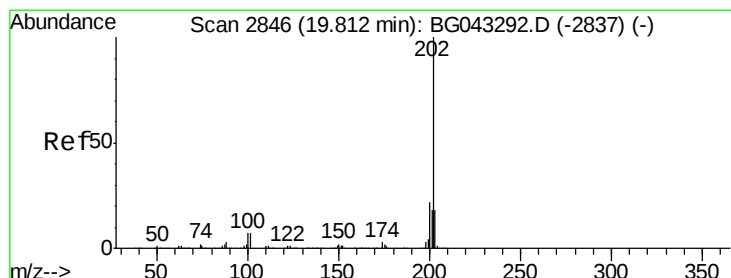
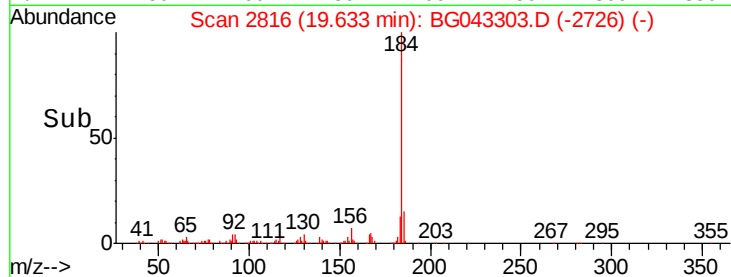
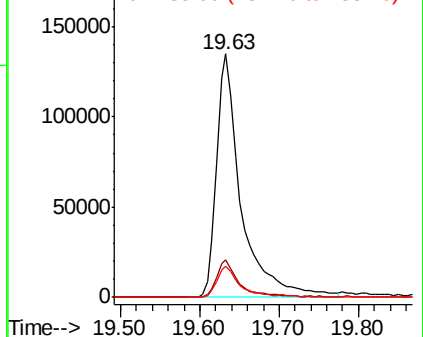
184 100

185 15.4 11.8 17.6

183 12.7 10.6 16.0



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



#78

Pyrene

Concen: 38.536 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

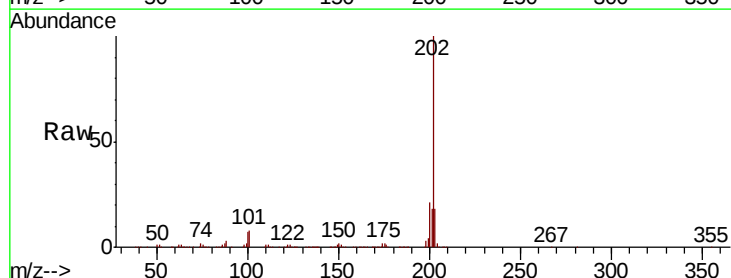
Tgt Ion:202 Resp: 689664

Ion Ratio Lower Upper

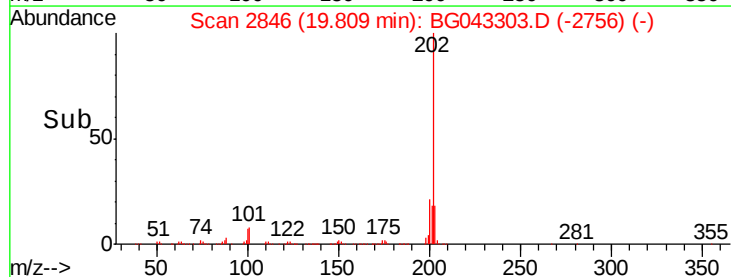
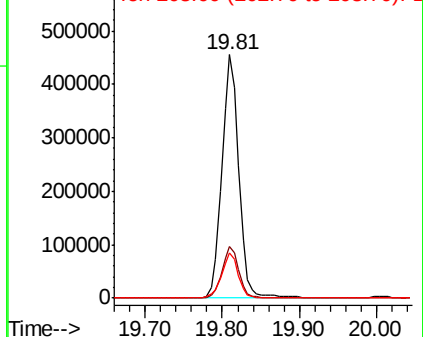
202 100

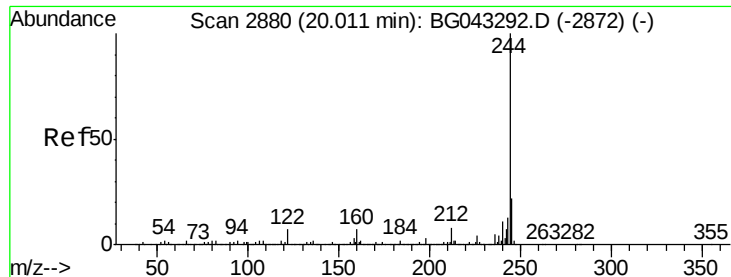
200 21.4 17.3 25.9

203 18.5 14.5 21.7



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: 65.315 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

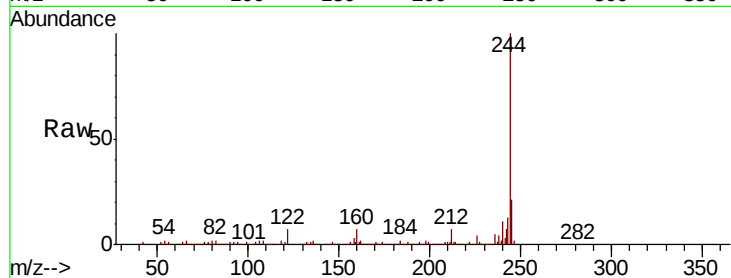
BNA_G

ClientSampleId :

PB123887BS

Tot Ion:244 Resp: 1006590

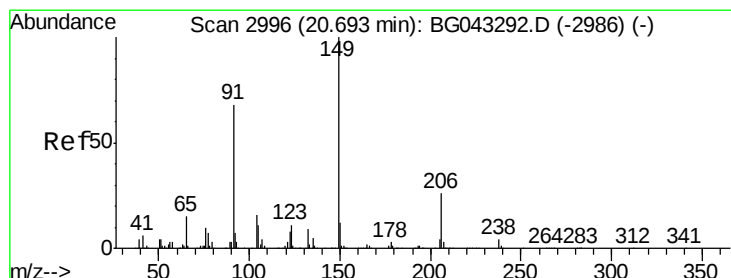
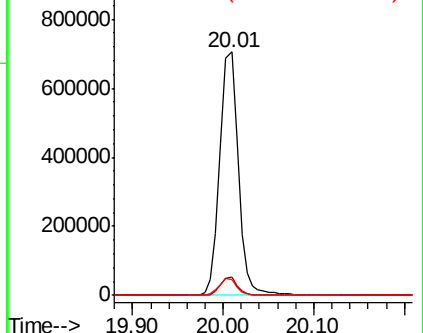
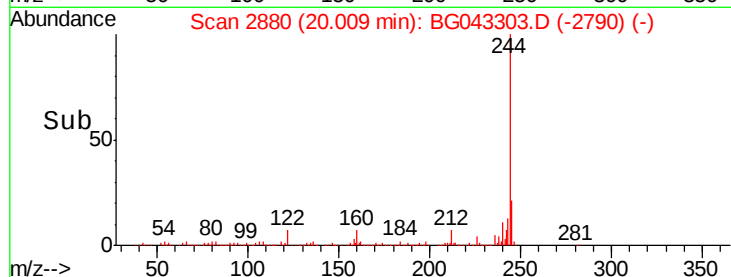
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	6.7	5.3	7.9



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: 38.290 ng

RT: 20.70 min Scan# 2997

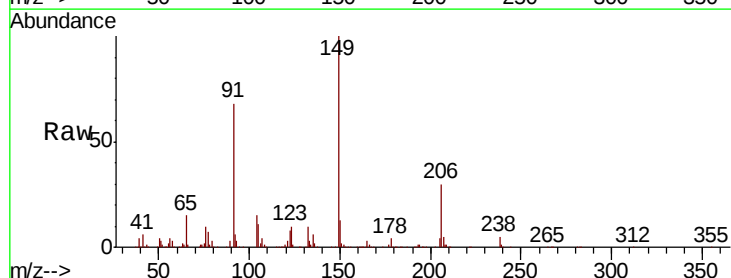
Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Tgt Ion:149 Resp: 259619

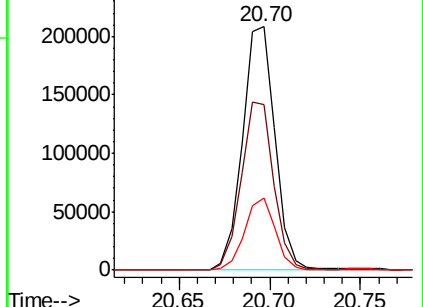
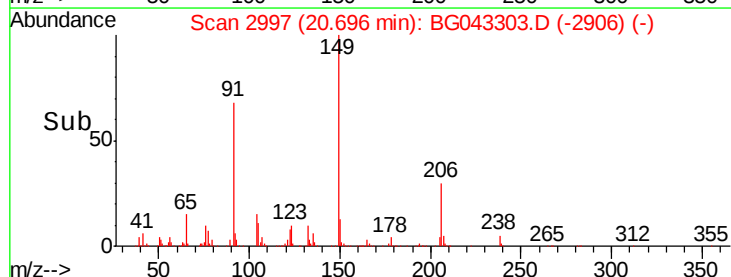
Ion	Ratio	Lower	Upper
149	100		
91	68.2	54.6	82.0
206	29.5	20.5	30.7

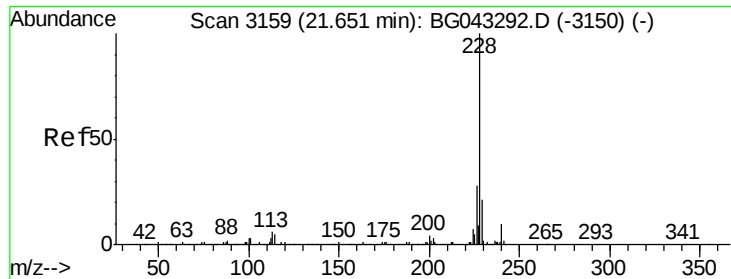


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.681 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

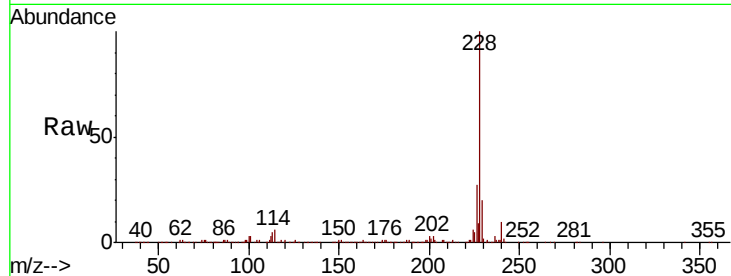
Tot Ion:228 Resp: 718635

Ion Ratio Lower Upper

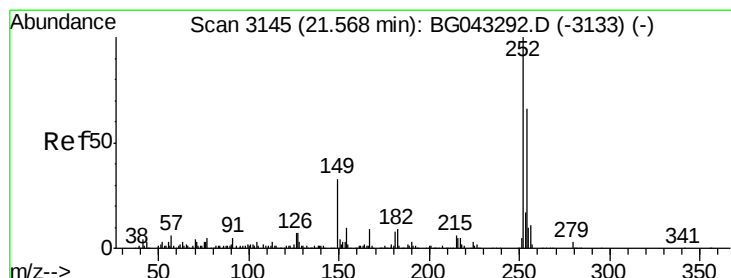
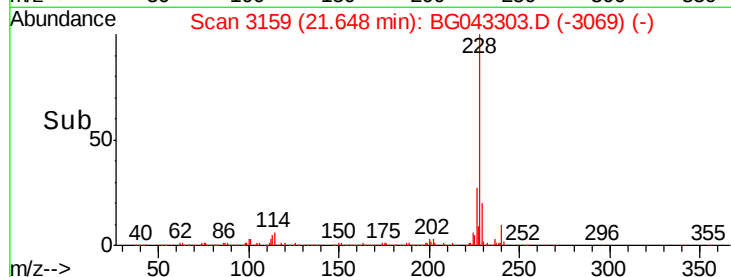
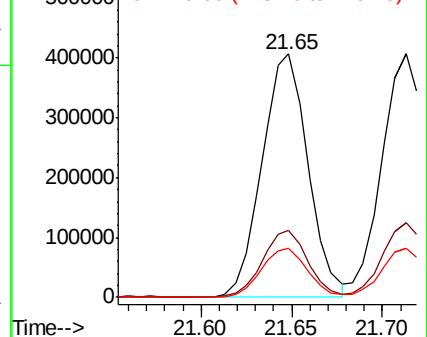
228 100

226 27.4 22.2 33.4

229 20.0 16.9 25.3



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: 26.618 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

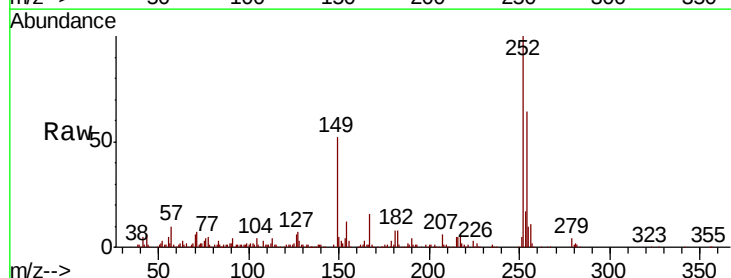
Tgt Ion:252 Resp: 186453

Ion Ratio Lower Upper

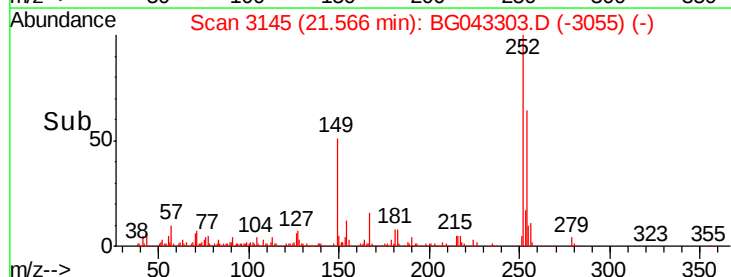
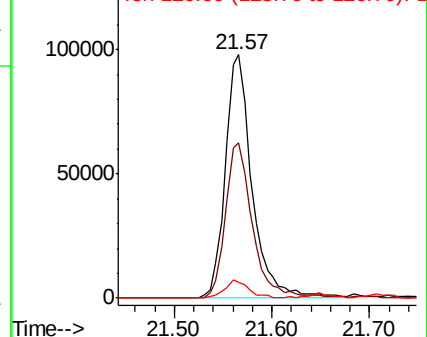
252 100

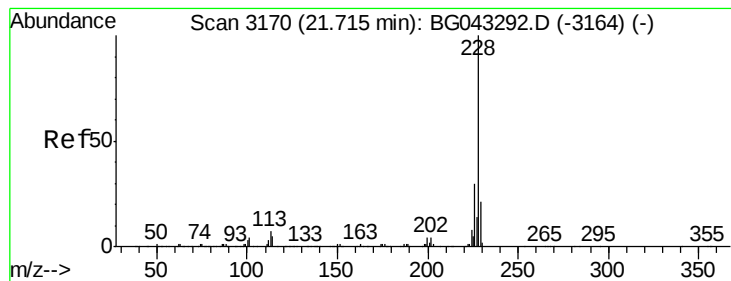
254 63.8 52.7 79.1

126 6.2 5.6 8.4



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





#83

Chrysene

Concen: 40.252 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

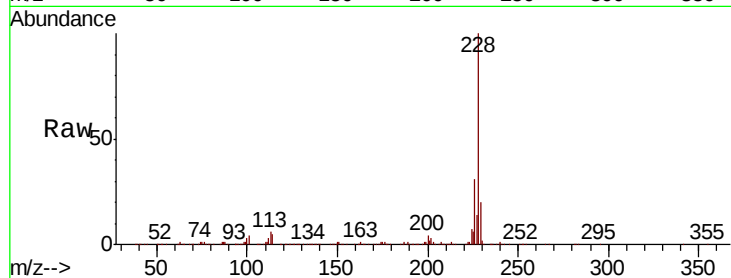
Tot Ion:228 Resp: 724306

Ion Ratio Lower Upper

228 100

226 30.9 23.8 35.8

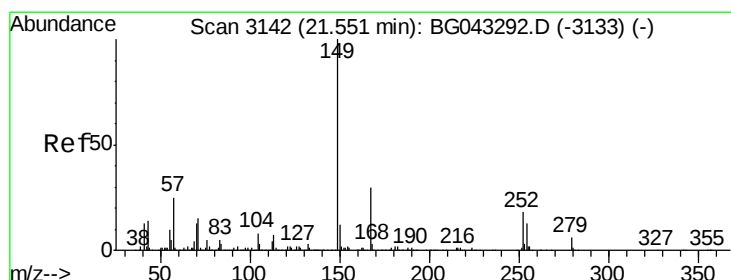
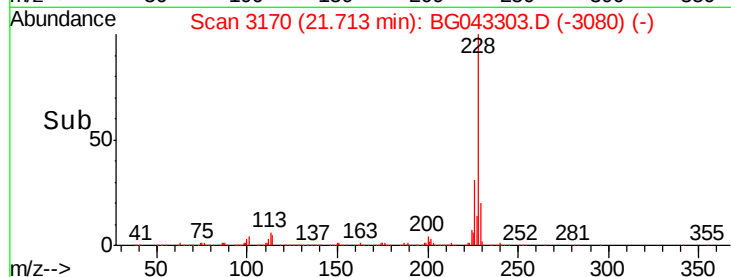
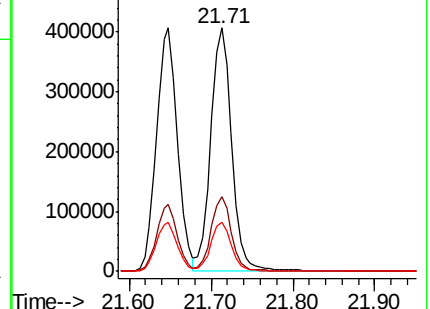
229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.976 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

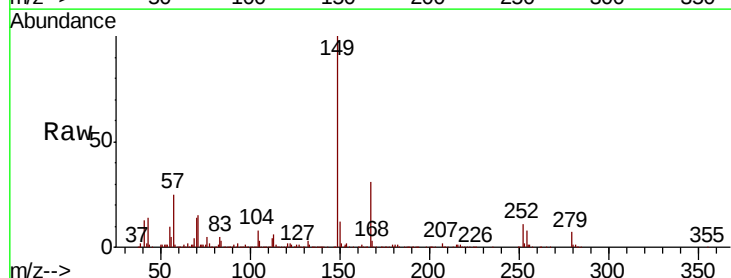
Tgt Ion:149 Resp: 385027

Ion Ratio Lower Upper

149 100

167 31.0 23.9 35.9

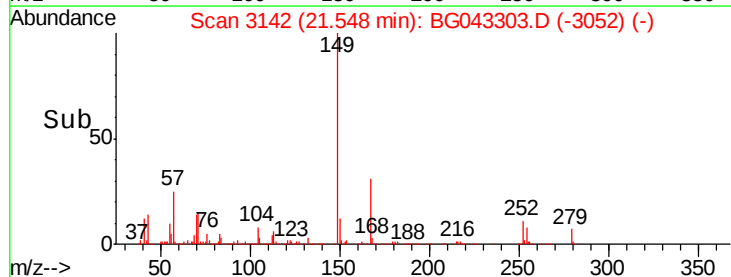
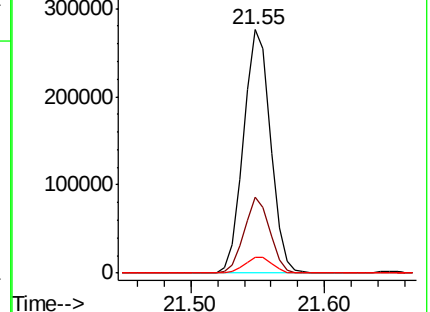
279 6.7 4.8 7.2

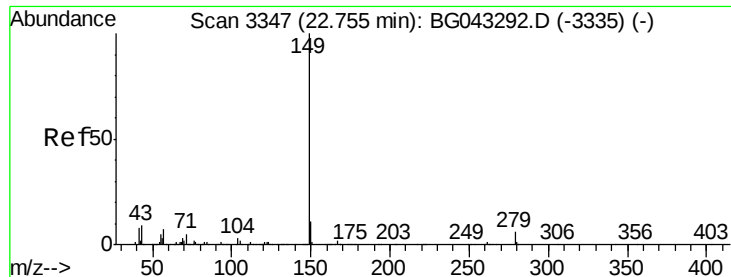


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.994 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

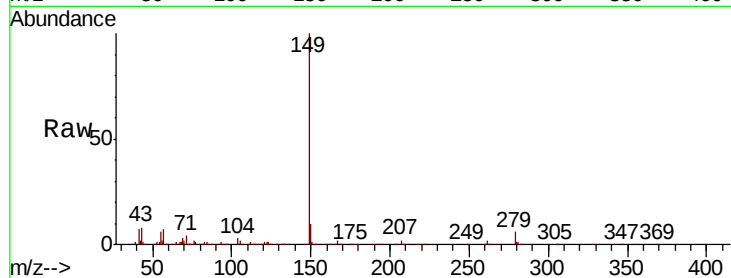
Tot Ion:149 Resp: 653519

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

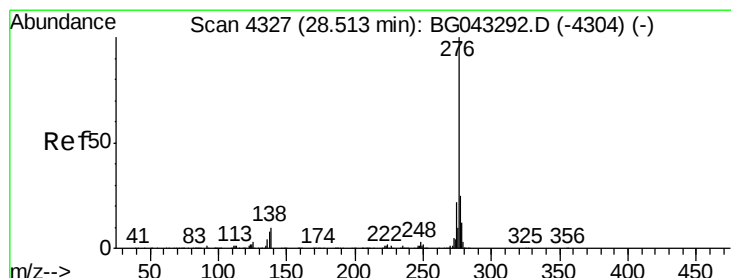
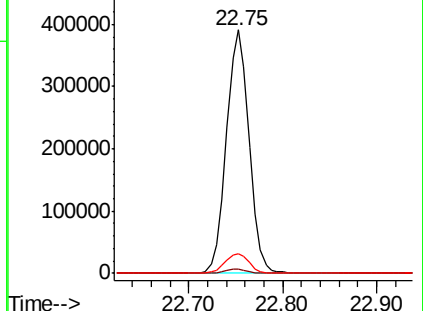
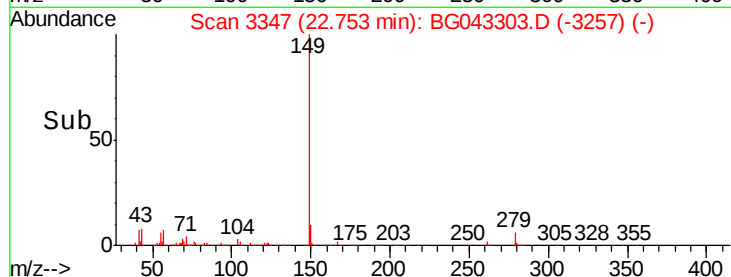
43 8.7 6.9 10.3



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: 40.896 ng

RT: 28.52 min Scan# 4328

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

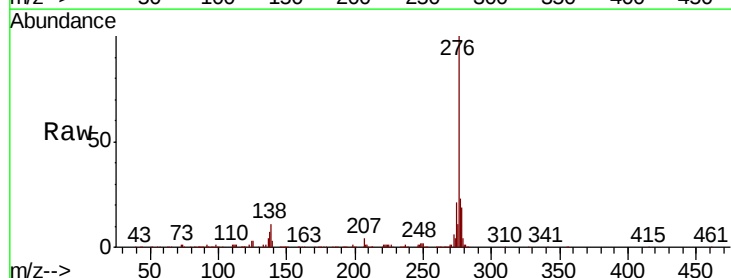
Tgt Ion:276 Resp: 923730

Ion Ratio Lower Upper

276 100

138 8.1 7.2 10.8

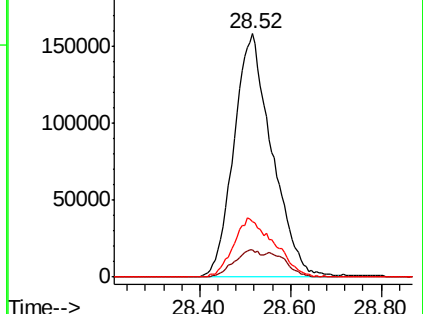
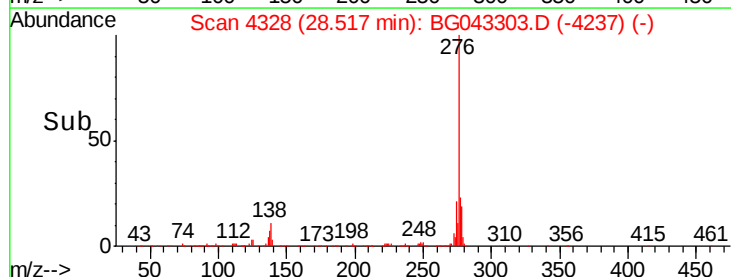
277 25.9 20.9 31.3

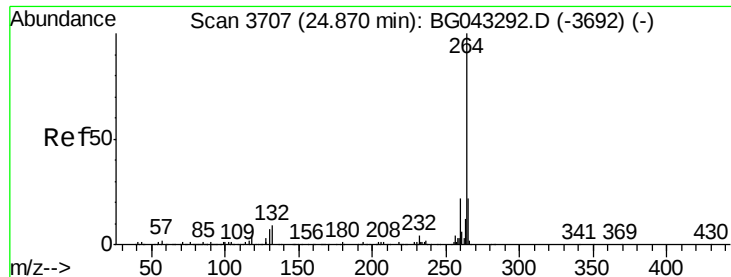


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



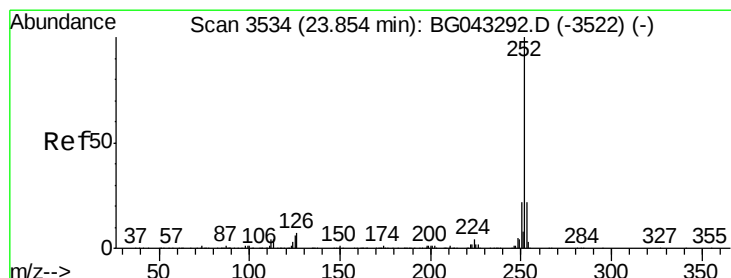
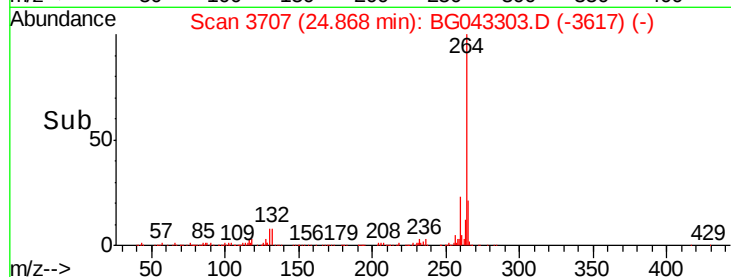
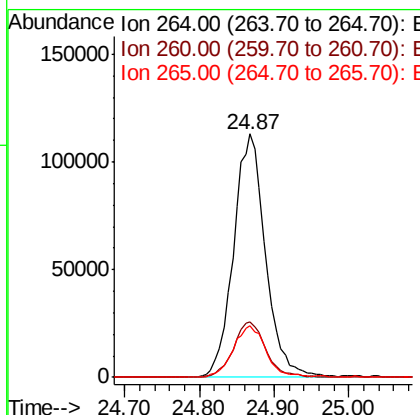
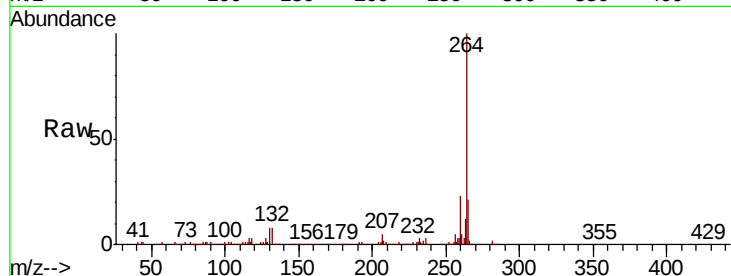


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_G
ClientSampleId :
PB123887BS

Tot Ion:264 Resp: 334475

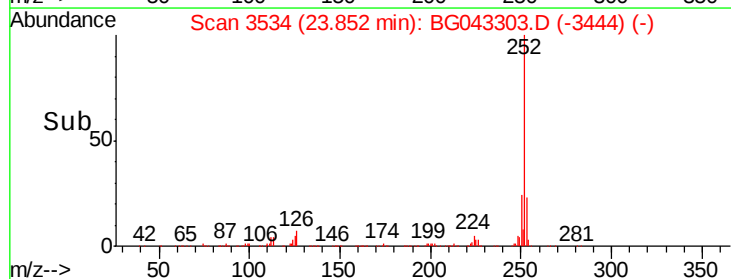
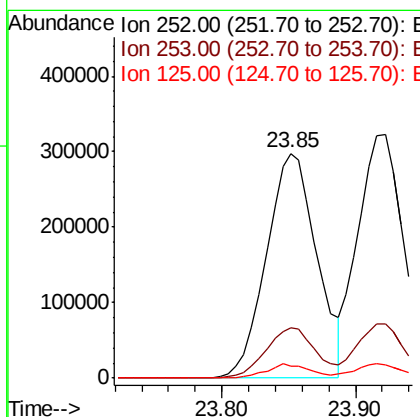
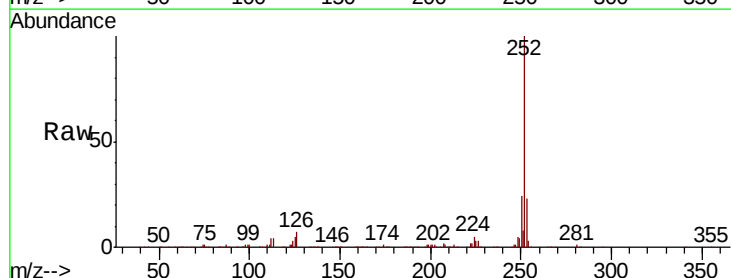
Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	21.3	17.4	26.2

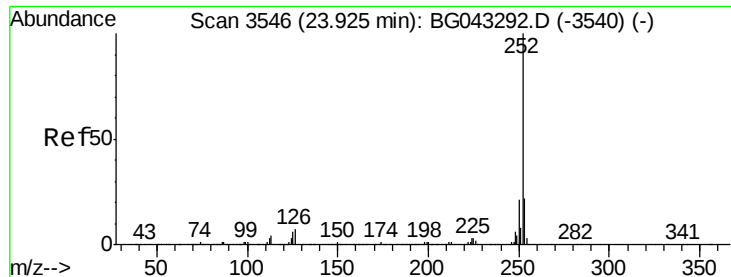


#88
Benzo(b)fluoranthene
Concen: 41.194 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG043303.D
Acq: 22 Oct 2019 12:27

Tgt Ion:252 Resp: 780361

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	5.2	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 40.801 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

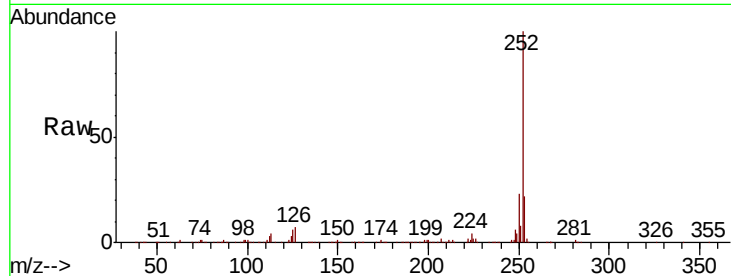
Tot Ion:252 Resp: 778107

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

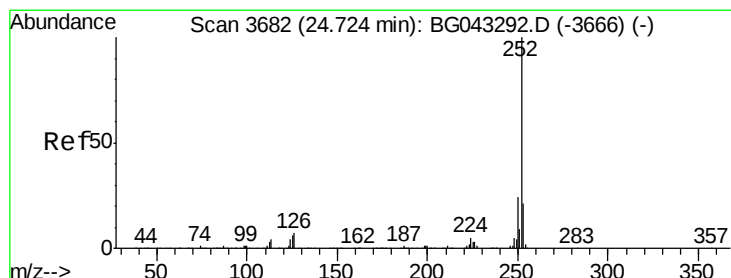
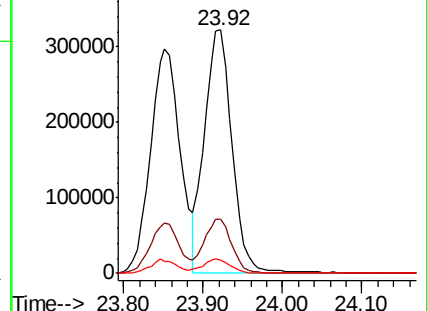
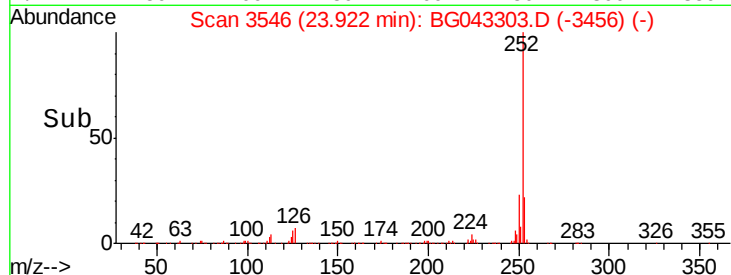
125 5.6 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.449 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

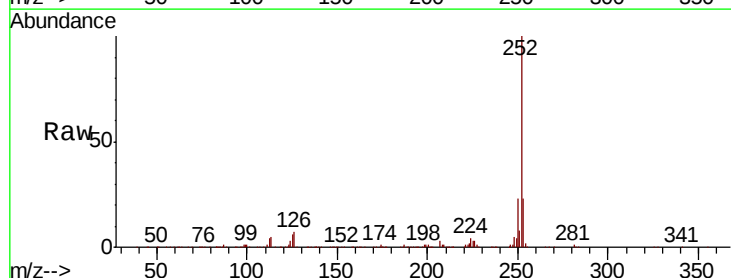
Tgt Ion:252 Resp: 767901

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

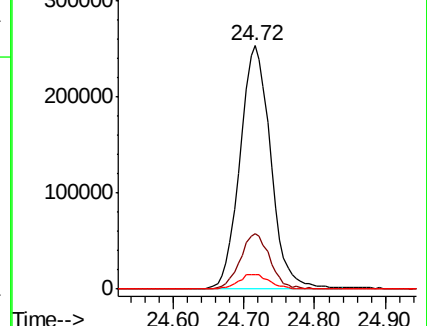
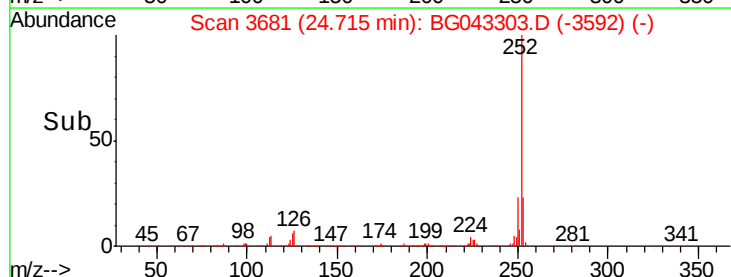
125 6.0 5.0 7.6

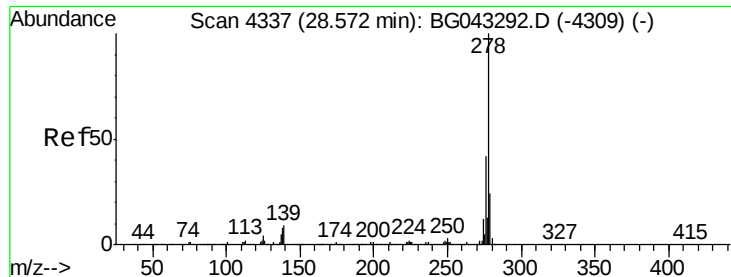


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.285 ng

RT: 28.58 min Scan# 4338

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_G

ClientSampleId :

PB123887BS

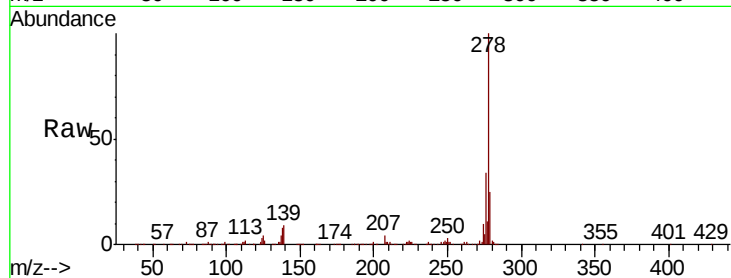
Tot Ion:278 Resp: 763895

Ion Ratio Lower Upper

278 100

139 8.8 6.8 10.2

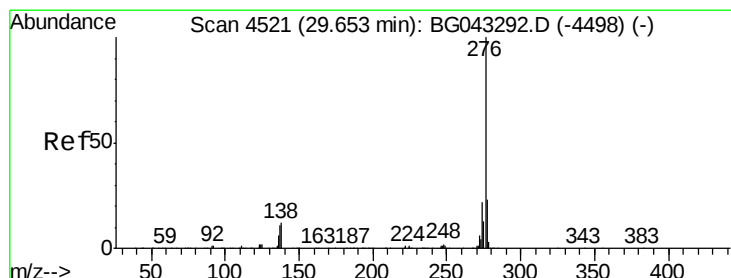
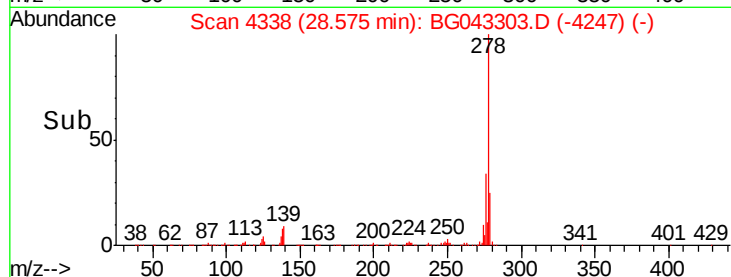
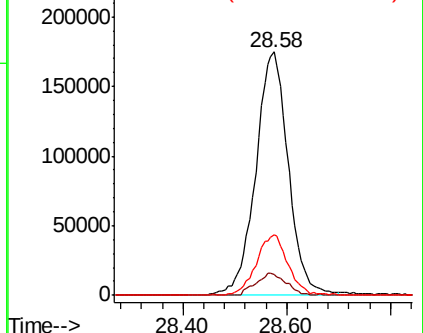
279 24.7 19.0 28.6



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: 42.044 ng

RT: 29.66 min Scan# 4522

Delta R.T. 0.00 min

Lab File: BG043303.D

Acq: 22 Oct 2019 12:27

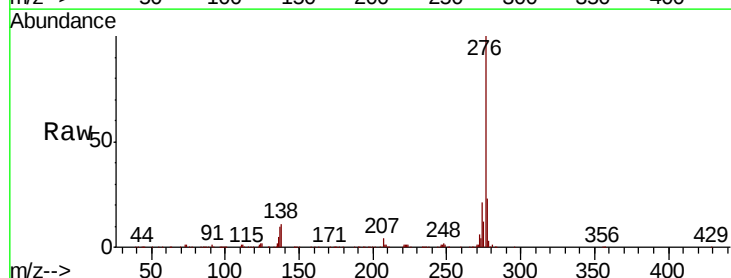
Tgt Ion:276 Resp: 767369

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 10.6 9.3 13.9



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

