

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
 Data File : BG041887.D
 Acq On : 2 Aug 2019 14:14
 Operator : HP/JU
 Sample : K4107-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 02 17:56:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81070	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	334855	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	267707	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	655185	20.00	ng	0.00
76) Chrysene-d12	21.74	240	684443	20.00	ng	0.00
87) Perylene-d12	25.01	264	804164	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	545028	130.80	ng	0.00
7) Phenol-d6	7.20	99	764010	136.01	ng	0.00
23) Nitrobenzene-d5	9.21	82	454708	93.45	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	512782	168.63	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1178238	77.63	ng	0.00
79) Terphenyl-d14	20.06	244	2249570	75.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	54676	27.879	ng	93
3) Pyridine	3.87	79	140966	26.211	ng	92
4) n-Nitrosodimethylamine	3.78	42	83589	39.207	ng	100
6) Aniline	7.36	93	240704	30.430	ng	93
8) 2-Chlorophenol	7.60	128	221165	46.353	ng	94
9) Benzaldehyde	7.17	77	112712	28.515	ng	95
10) Phenol	7.22	94	270465	46.280	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	186704	38.860	ng	93
12) 1,3-Dichlorobenzene	7.93	146	231184	37.124	ng	96
13) 1,4-Dichlorobenzene	8.08	146	239112	38.374	ng	95
14) 1,2-Dichlorobenzene	8.40	146	226117	38.030	ng	96
15) Benzyl Alcohol	8.28	79	196669	44.501	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	308774	36.124	ng	98
17) 2-Methylphenol	8.48	107	190019	44.708	ng	99
18) Hexachloroethane	9.14	117	79953	37.469	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	159896	39.206	ng	91
20) 3+4-Methylphenols	8.81	107	275402	47.351	ng	99
22) Acetophenone	8.87	105	318462	42.519	ng	# 94
24) Nitrobenzene	9.25	77	228543	44.583	ng	96
25) Isophorone	9.78	82	455921	43.072	ng	99
26) 2-Nitrophenol	9.96	139	148088	62.244	ng	97
27) 2,4-Dimethylphenol	10.03	122	228699	54.464	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	265992	40.212	ng	100
29) 2,4-Dichlorophenol	10.51	162	276500	54.072	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	265206	40.899	ng	97
31) Naphthalene	10.92	128	654381	42.699	ng	98
32) Benzoic acid	10.03	122	228699	71.104	ng	# 15
33) 4-Chloroaniline	11.02	127	169428	23.312	ng	97
34) Hexachlorobutadiene	11.21	225	168456	38.492	ng	98
35) Caprolactam	11.81	113	70295	39.556	ng	# 79
36) 4-Chloro-3-methylphenol	12.14	107	284861	56.190	ng	95
37) 2-Methylnaphthalene	12.53	142	526392	43.394	ng	99
38) 1-Methylnaphthalene	12.74	142	509776	44.344	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	336582	39.719	ng	99

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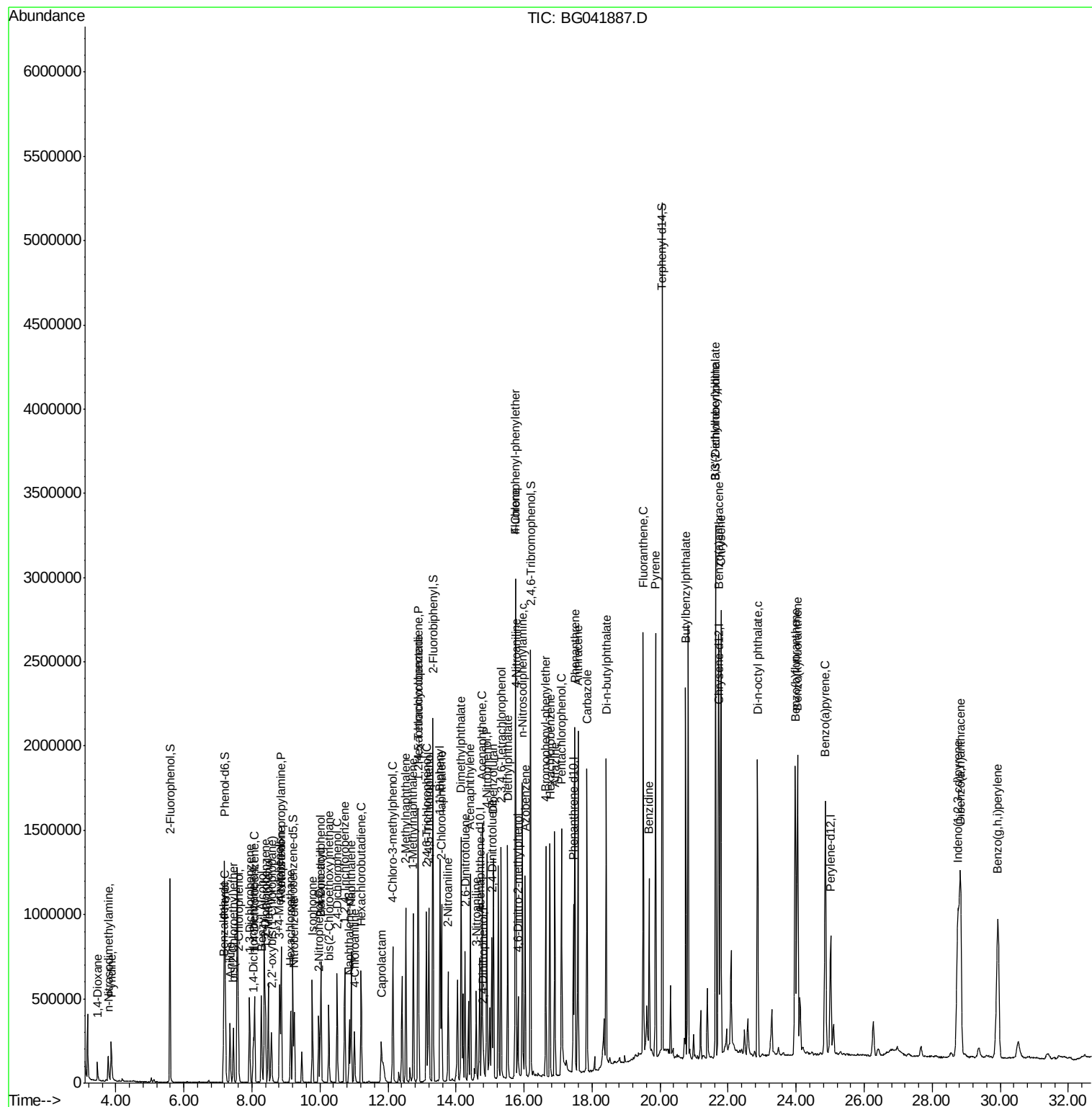
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	363089	76.210	nq	99
43) 2,4,6-Trichlorophenol	13.13	196	305310	57.004	nq	97
44) 2,4,5-Trichlorophenol	13.20	196	329444	59.191	nq	94
46) 1,1'-Biphenyl	13.53	154	690564	40.128	nq	97
47) 2-Chloronaphthalene	13.57	162	585611	39.969	nq	96
48) 2-Nitroaniline	13.77	65	189520	51.002	nq	93
49) Acenaphthylene	14.42	152	946383	43.181	nq	98
50) Dimethylphthalate	14.15	163	1035252	56.623	nq	99
51) 2,6-Dinitrotoluene	14.27	165	204434	53.474	nq	88
52) Acenaphthene	14.77	154	592804	41.588	nq	98
53) 3-Nitroaniline	14.59	138	148555	36.322	nq	89
54) 2,4-Dinitrophenol	14.80	184	76487	41.044	nq	87
55) Dibenzofuran	15.10	168	955681	43.833	nq	96
56) 4-Nitrophenol	14.91	139	408638	131.624	nq	94
57) 2,4-Dinitrotoluene	15.05	165	294184	55.955	nq	92
58) Fluorene	15.75	166	790342	45.170	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	332138	60.252	nq	92
60) Diethylphthalate	15.52	149	830373	46.261	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	469986	43.999	nq	95
62) 4-Nitroaniline	15.76	138	227844	51.432	nq	96
63) Azobenzene	16.03	77	644356	43.945	nq	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	162841	50.384	nq	83
66) n-Nitrosodiphenylamine	15.95	169	775507	43.454	nq	97
67) 4-Bromophenyl-phenylether	16.64	248	336903	41.744	nq	96
68) Hexachlorobenzene	16.76	284	345391	40.907	nq	# 92
69) Atrazine	16.90	200	319289	45.534	nq	99
70) Pentachlorophenol	17.10	266	448209	93.446	nq	98
71) Phenanthrene	17.50	178	1326211	42.229	nq	97
72) Anthracene	17.59	178	1378944	44.026	nq	97
73) Carbazole	17.85	167	1269108	45.145	nq	97
74) Di-n-butylphthalate	18.41	149	1359563	42.659	nq	96
75) Fluoranthene	19.51	202	1595510	41.797	nq	93
77) Benzidine	19.68	184	640377	28.665	nq	98
78) Pyrene	19.87	202	1632133	40.248	nq	96
80) Butylbenzylphthalate	20.75	149	669421	43.056	nq	90
81) Benzo(a)anthracene	21.72	228	1665387	41.126	nq	96
82) 3,3'-Dichlorobenzidine	21.63	252	419303	25.790	nq	97
83) Chrysene	21.79	228	1615906	41.629	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	955511	44.553	nq	98
85) Di-n-octyl phthalate	22.87	149	1644332	45.557	nq	# 92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2196043	42.737	nq	# 88
88) Benzo(b)fluoranthene	23.97	252	1832623	41.659	nq	# 97
89) Benzo(k)fluoranthene	24.04	252	1790963	41.794	nq	# 97
90) Benzo(a)pyrene	24.86	252	1813756	42.989	nq	# 96
91) Dibenzo(a,h)anthracene	28.83	278	1816157	43.839	nq	# 95
92) Benzo(g,h,i)perylene	29.94	276	1805931	43.633	nq	# 94

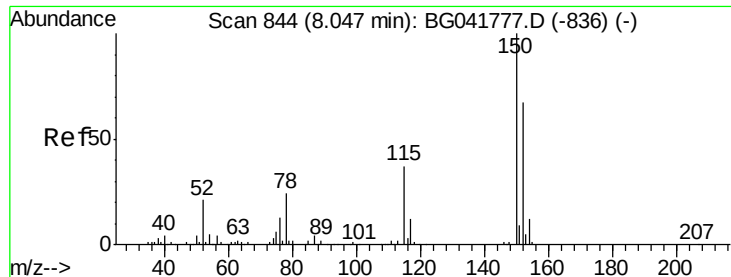
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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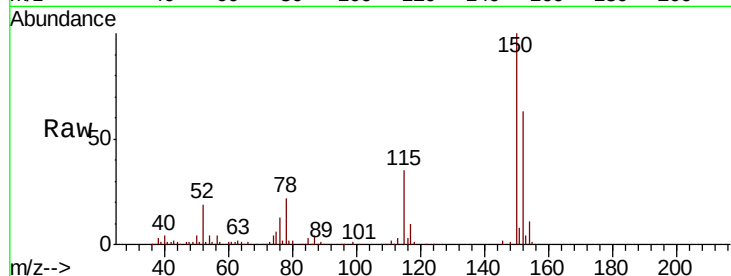


#1

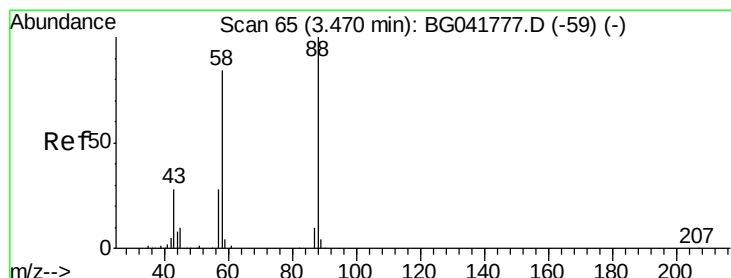
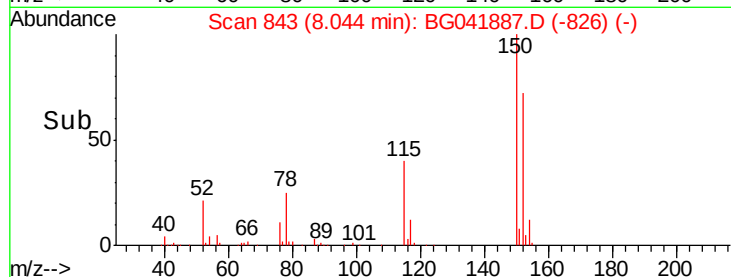
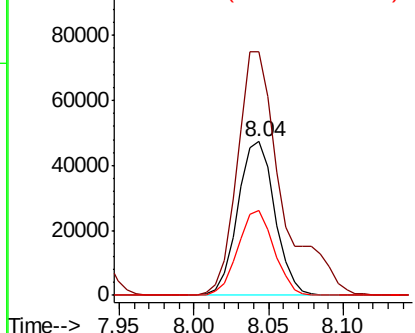
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 81070
Ion Ratio Lower Upper
152 100
150 158.6 126.9 190.3
115 55.3 45.0 67.6



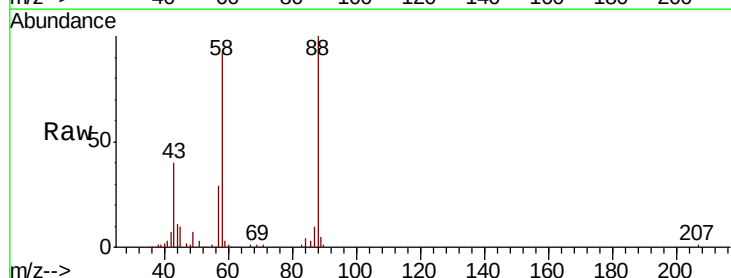
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



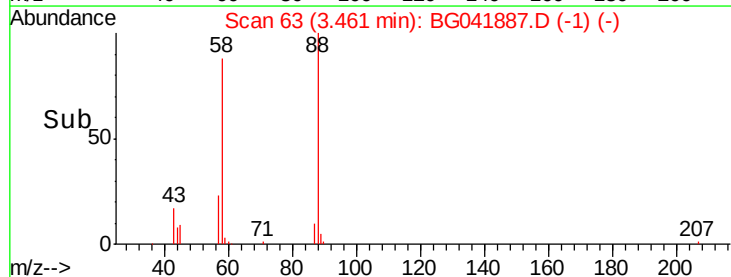
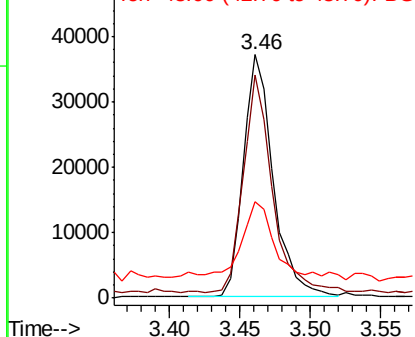
#2

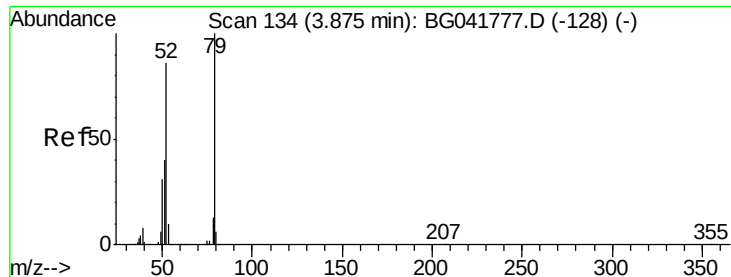
1,4-Dioxane
Concen: 27.879 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion: 88 Resp: 54676
Ion Ratio Lower Upper
88 100
58 87.9 76.2 114.2
43 36.2 27.2 40.8



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





#3

Pvridine

Concen: 26.211 ng

RT: 3.87 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

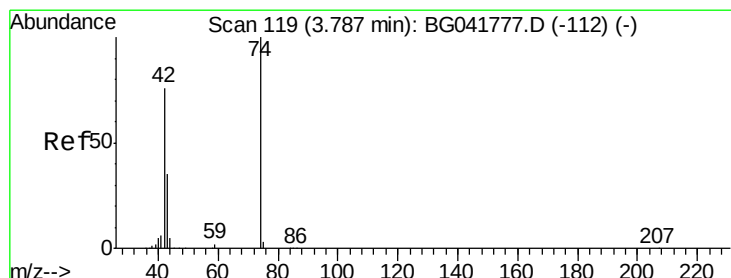
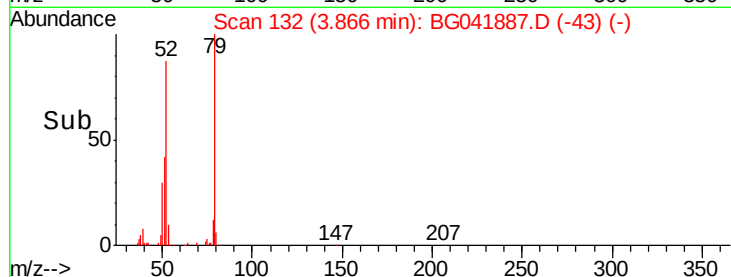
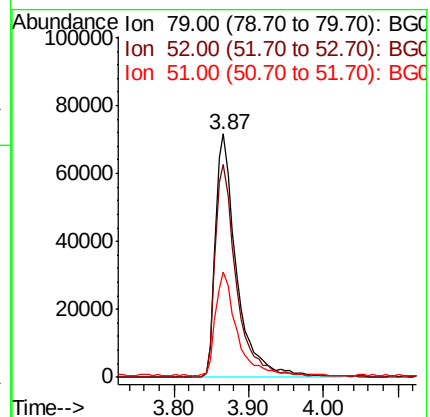
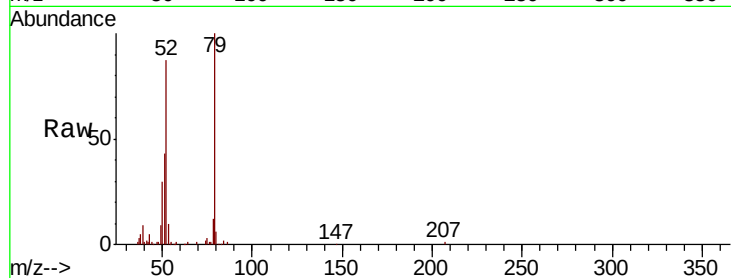
Tot Ion: 79 Resp: 140966

Ion Ratio Lower Upper

79 100

52 87.3 77.1 115.7

51 43.0 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 39.207 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

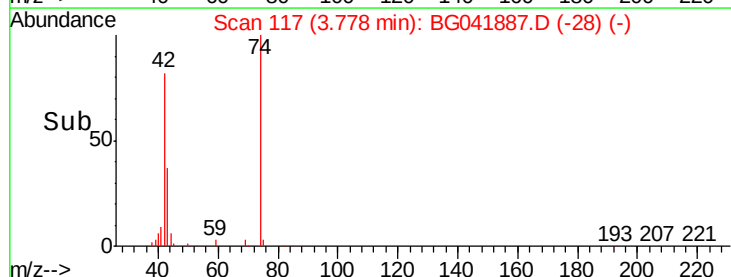
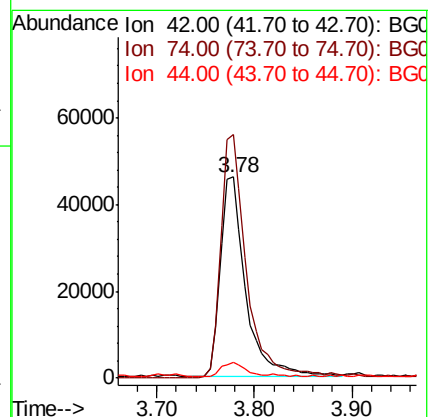
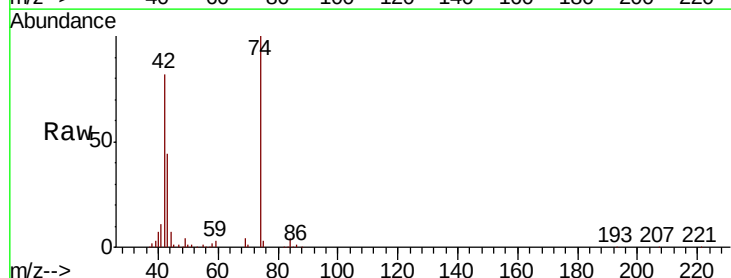
Tgt Ion: 42 Resp: 83589

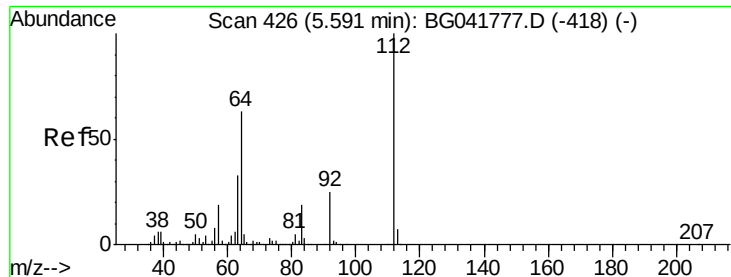
Ion Ratio Lower Upper

42 100

74 121.3 97.4 146.2

44 8.1 6.6 9.8





#5

2-Fluorophenol

Concen: 130.803 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

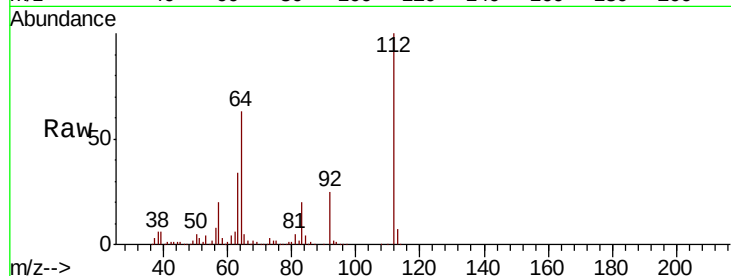
Tot Ion:112 Resp: 545028

Ion Ratio Lower Upper

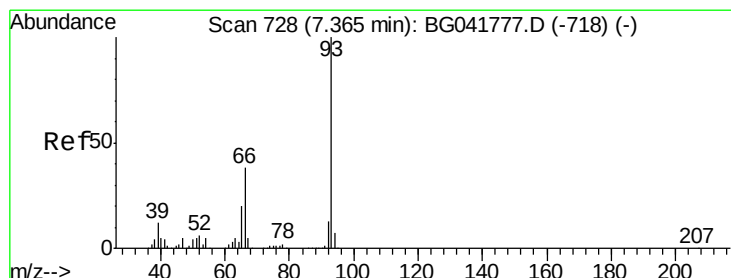
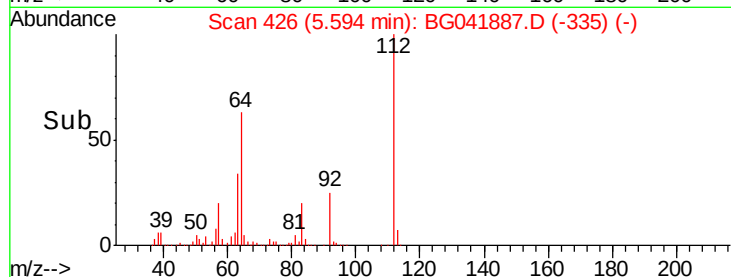
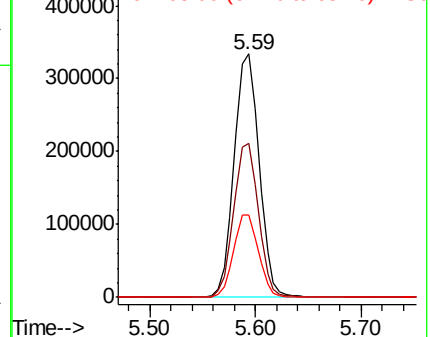
112 100

64 63.0 55.4 83.2

63 34.1 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.430 ng

RT: 7.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

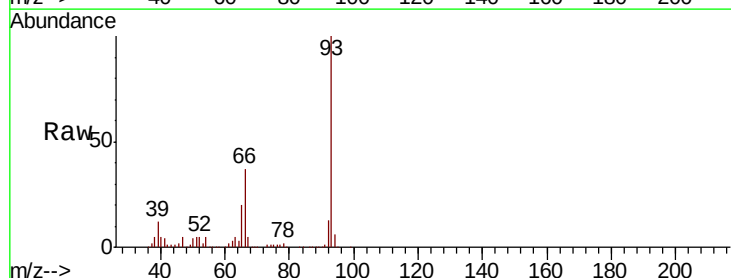
Tgt Ion: 93 Resp: 240704

Ion Ratio Lower Upper

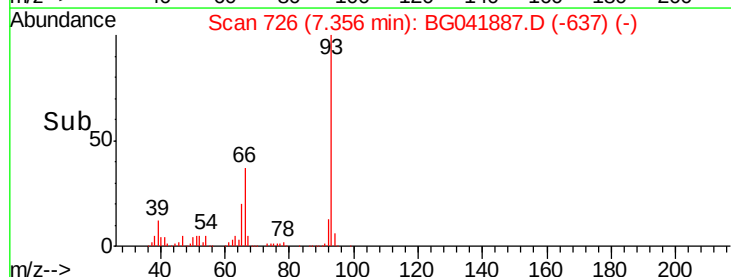
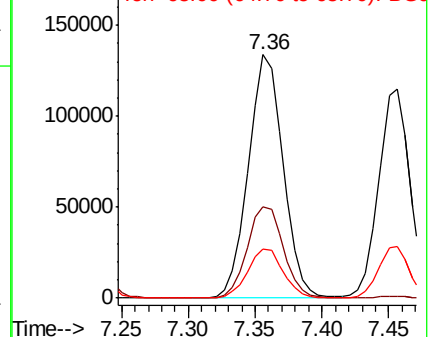
93 100

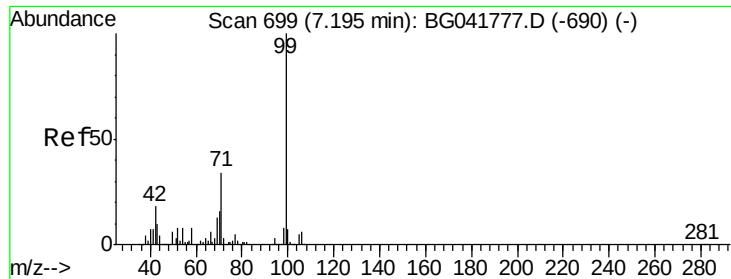
66 37.4 34.2 51.2

65 20.3 18.2 27.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.005 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampled :

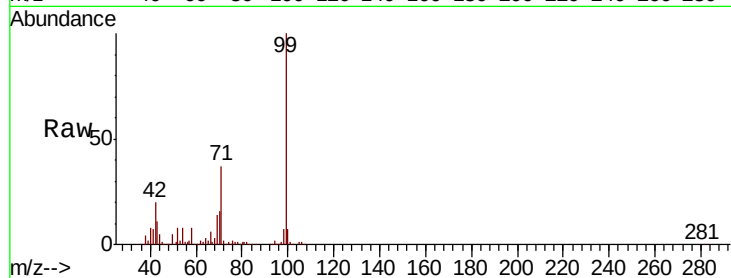
Tot Ion: 99 Resp: 764010

Ion Ratio Lower Upper

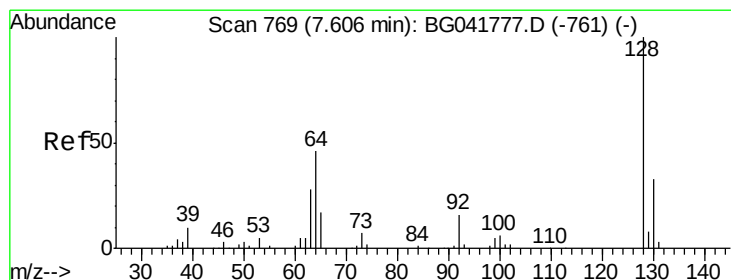
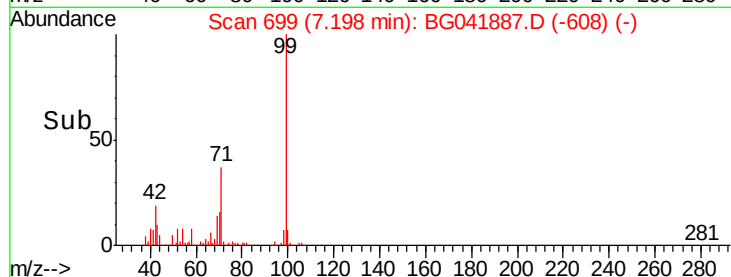
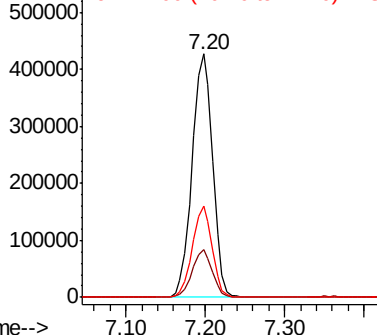
99 100

42 19.5 17.6 26.4

71 37.5 27.8 41.6



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



#8

2-Chlorophenol

Concen: 46.353 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

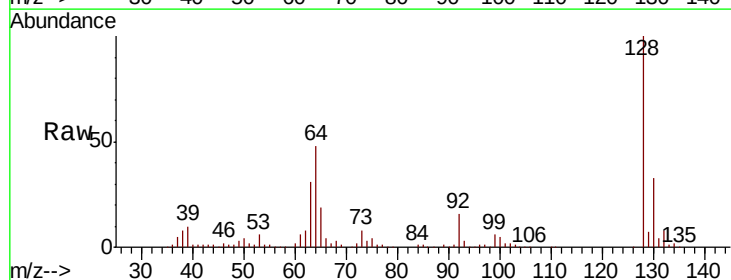
Tgt Ion: 128 Resp: 221165

Ion Ratio Lower Upper

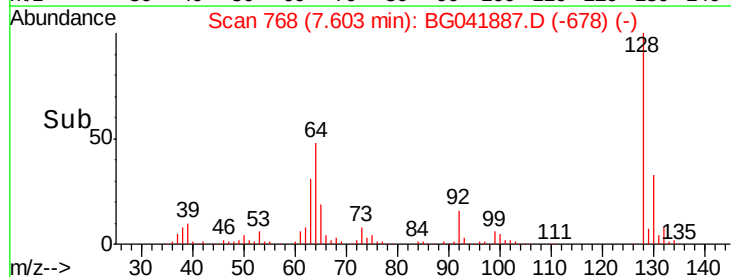
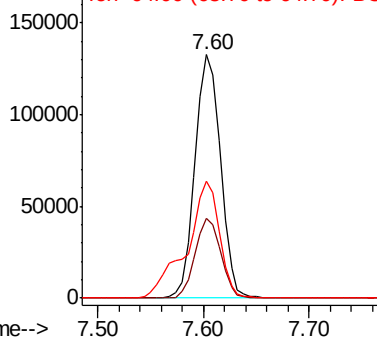
128 100

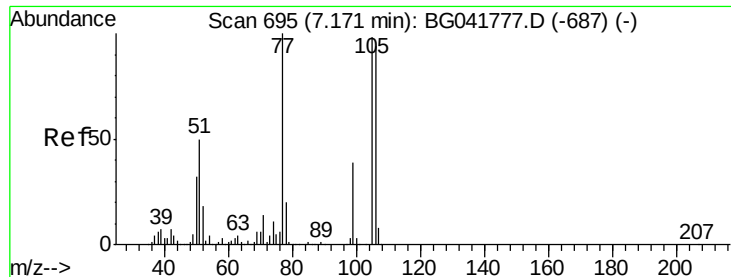
130 32.9 12.4 52.4

64 48.0 34.9 74.9



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





#9

Benzaldehyde

Concen: 28.515 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

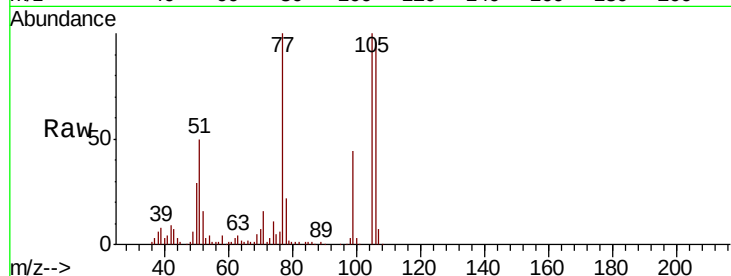
Tot Ion: 77 Resp: 112712

Ion Ratio Lower Upper

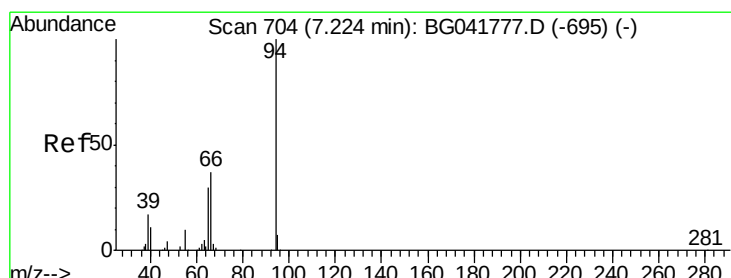
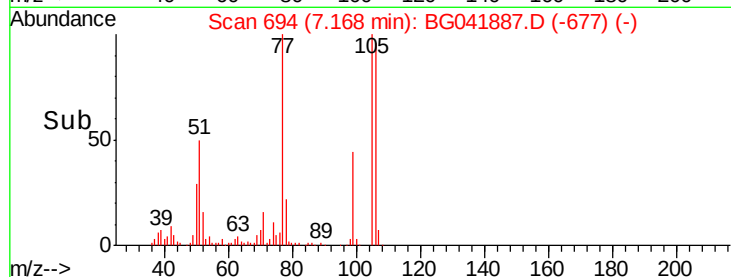
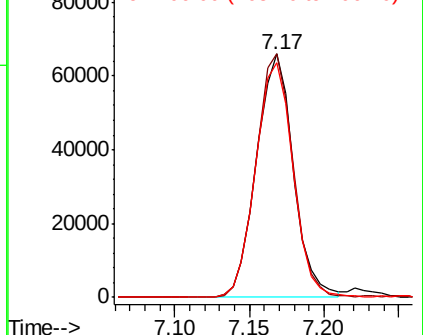
77 100

105 100.0 74.6 114.6

106 96.2 71.1 111.1



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



#10

Phenol

Concen: 46.280 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

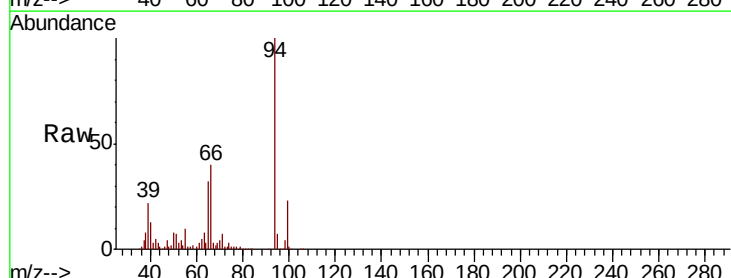
Tgt Ion: 94 Resp: 270465

Ion Ratio Lower Upper

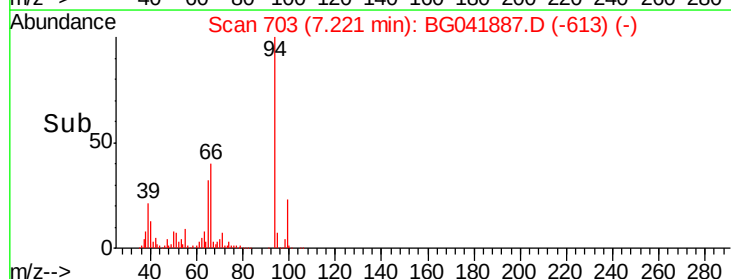
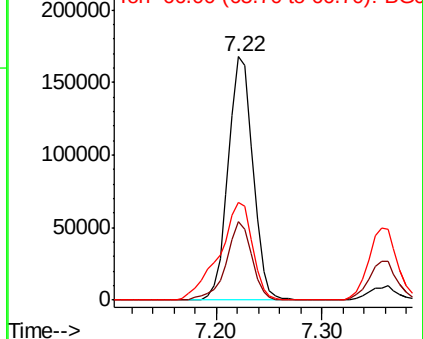
94 100

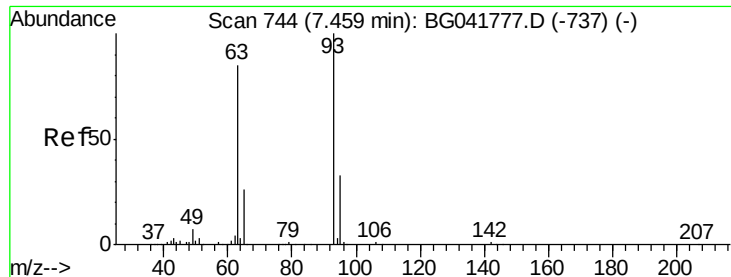
65 32.1 10.6 50.6

66 40.3 18.2 58.2



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





#11

bis(2-Chloroethyl)ether

Concen: 38.860 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

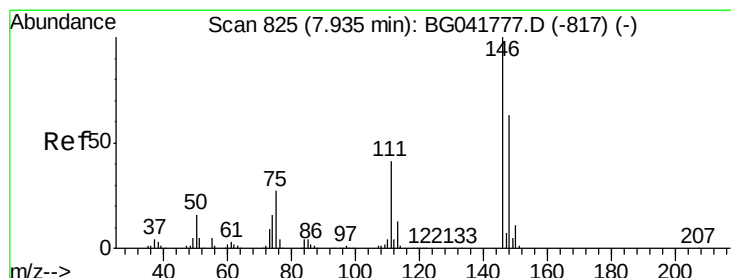
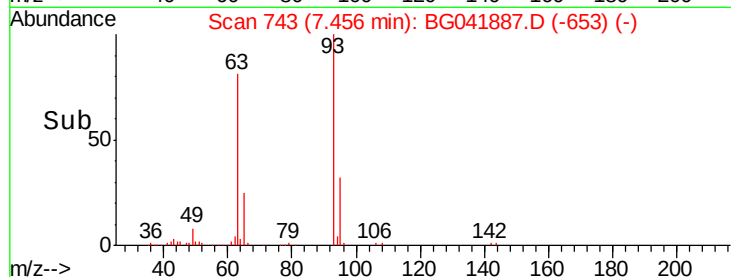
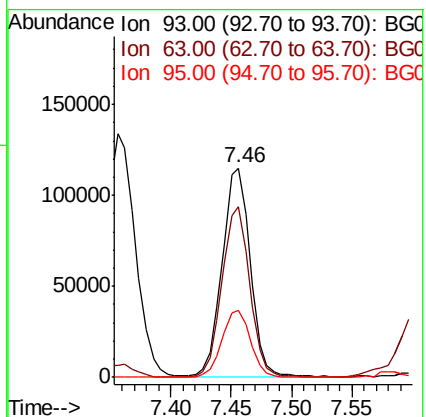
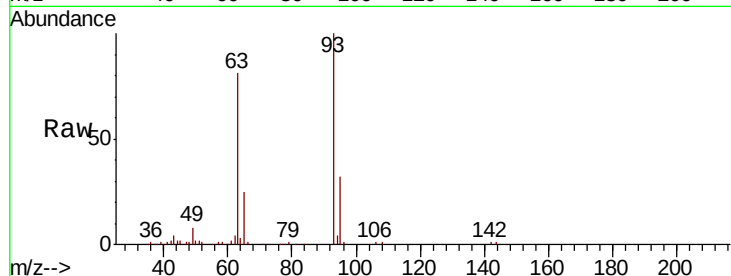
Tot Ion: 93 Resp: 186704

Ion Ratio Lower Upper

93 100

63 81.3 70.4 110.4

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.124 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

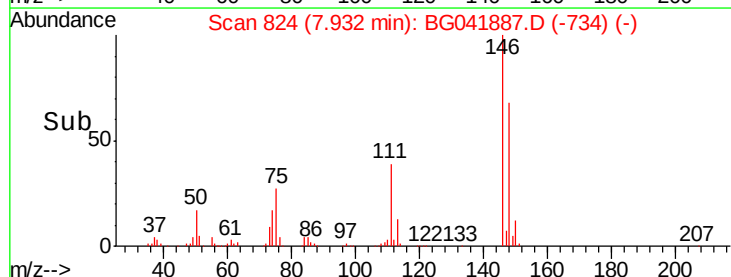
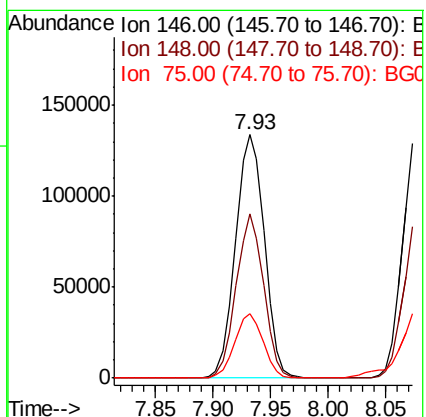
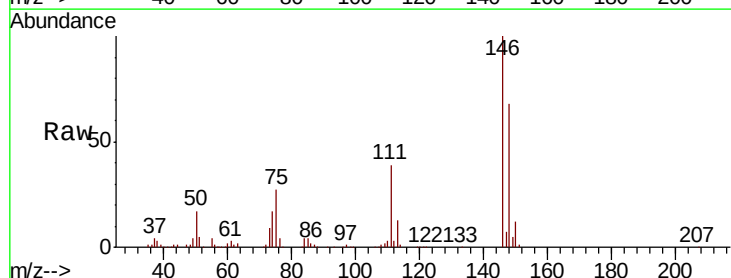
Tgt Ion: 146 Resp: 231184

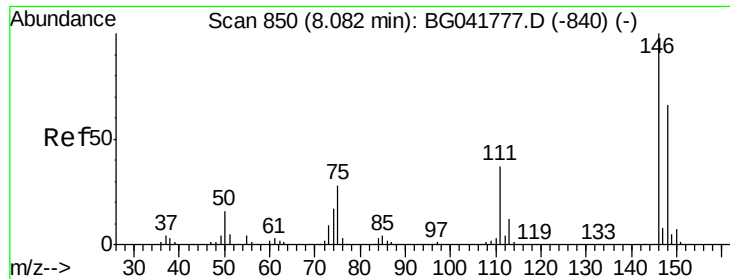
Ion Ratio Lower Upper

146 100

148 67.6 51.5 77.3

75 26.6 23.2 34.8

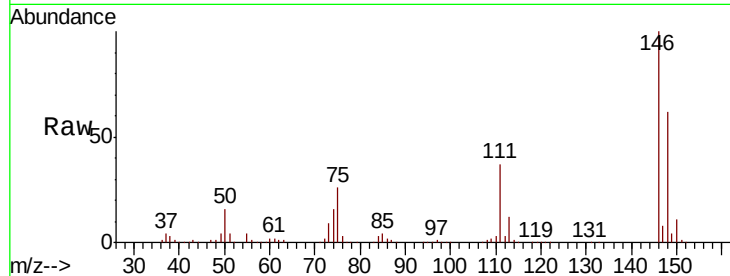




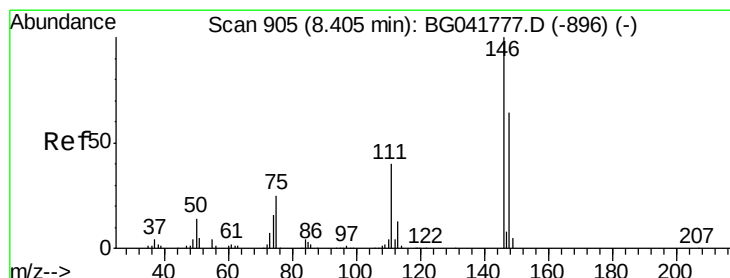
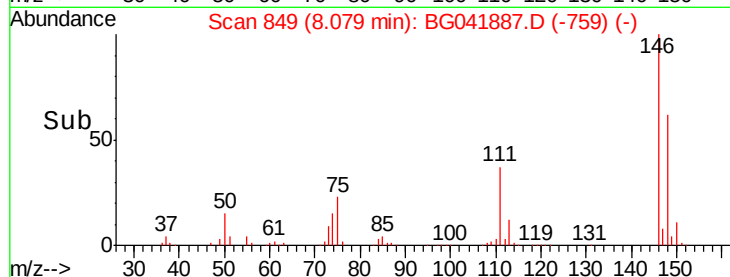
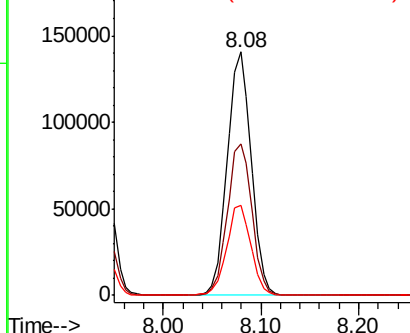
#13
 1,4-Dichlorobenzene
 Concen: 38.374 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.6	79.0
111	36.7	32.5	48.7

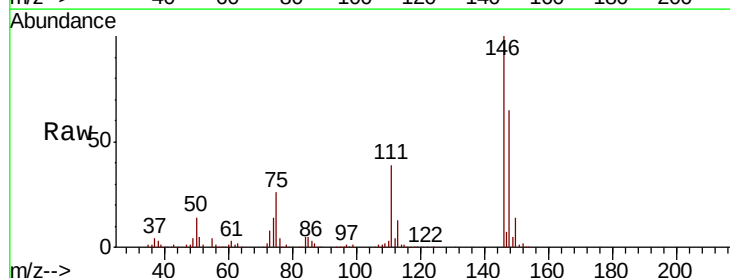


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

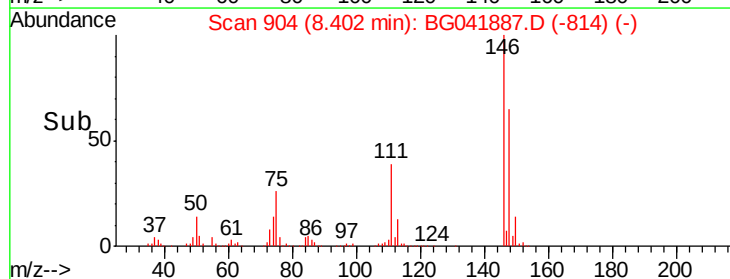
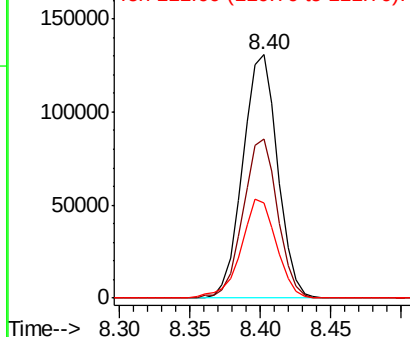


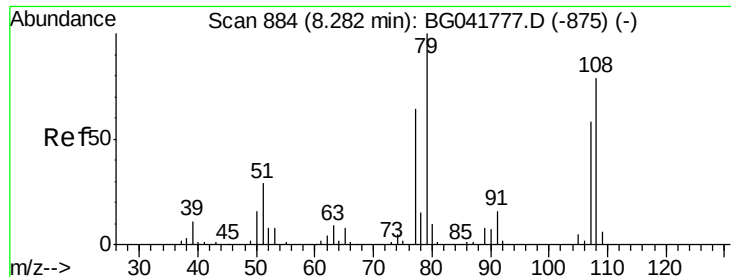
#14
 1,2-Dichlorobenzene
 Concen: 38.030 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	53.5	80.3
111	39.3	35.4	53.0



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





#15

Benzyl Alcohol

Concen: 44.501 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampled :

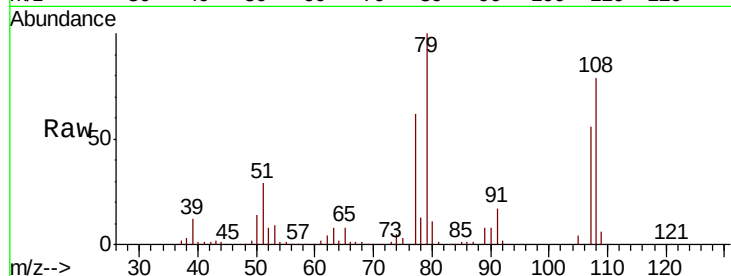
Tot Ion: 79 Resp: 196669

Ion Ratio Lower Upper

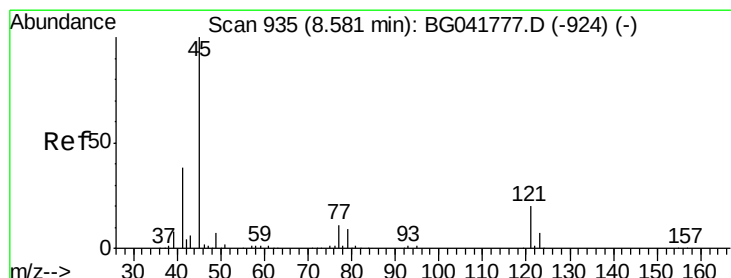
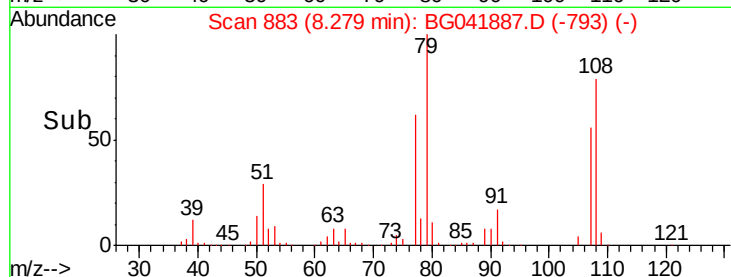
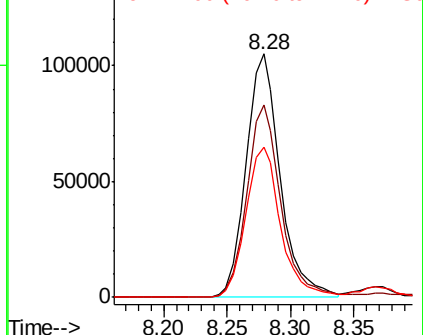
79 100

108 78.8 60.5 90.7

77 61.7 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.124 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

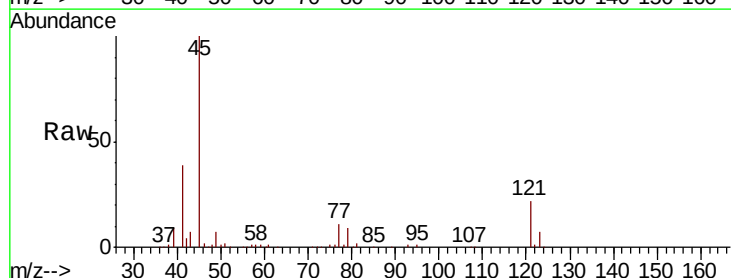
Tgt Ion: 45 Resp: 308774

Ion Ratio Lower Upper

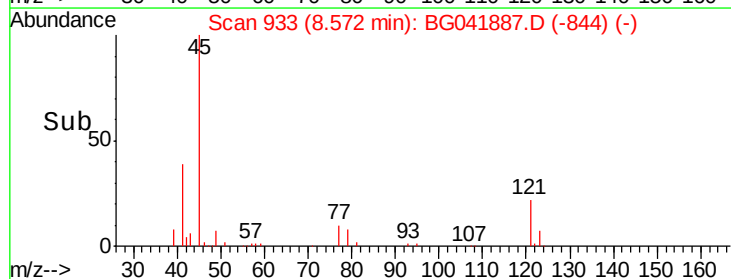
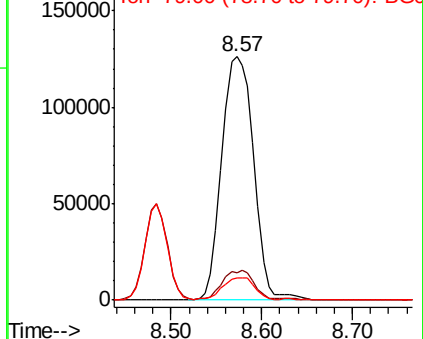
45 100

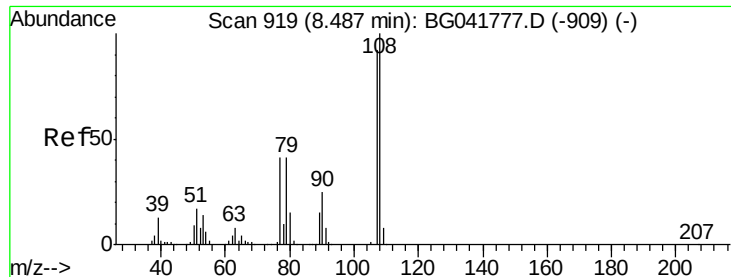
77 11.1 0.0 30.4

79 9.0 0.0 27.9



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





#17

2-Methylphenol

Concen: 44.708 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 190019

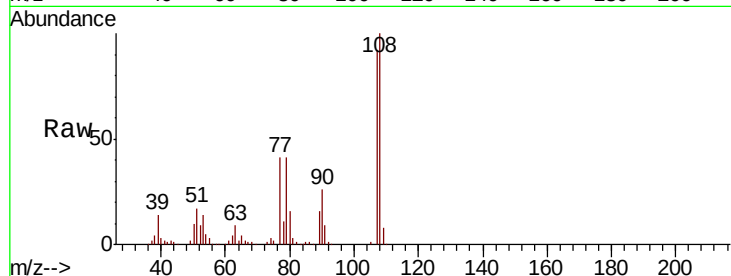
Ion Ratio Lower Upper

107 100

108 108.4 87.6 131.4

77 44.8 36.1 54.1

79 44.8 36.4 54.6



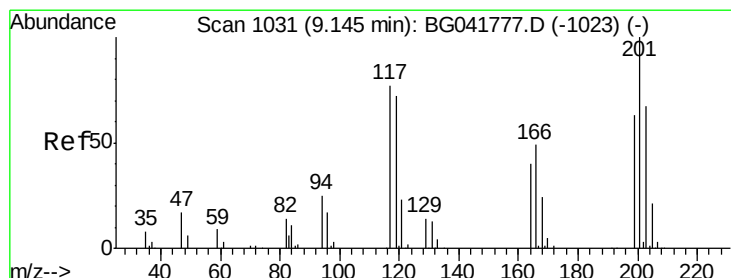
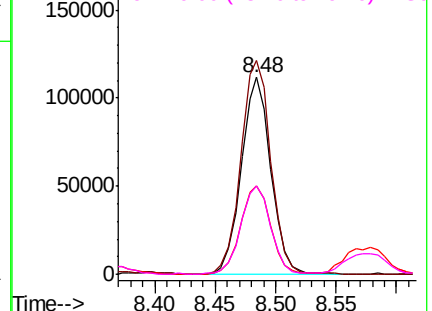
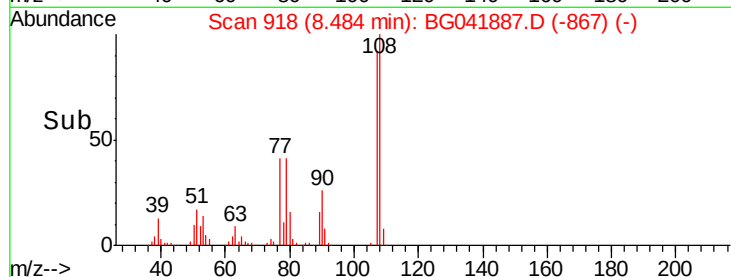
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.469 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

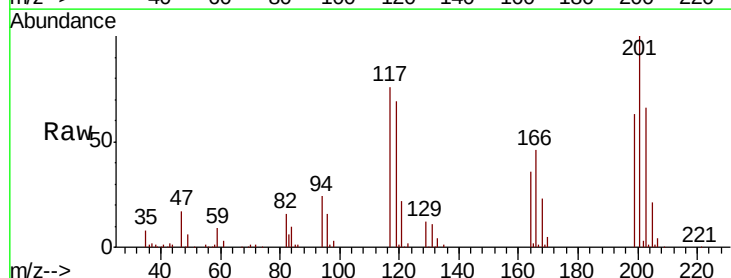
Tgt Ion:117 Resp: 79953

Ion Ratio Lower Upper

117 100

119 91.1 76.2 114.2

201 131.8 94.1 141.1

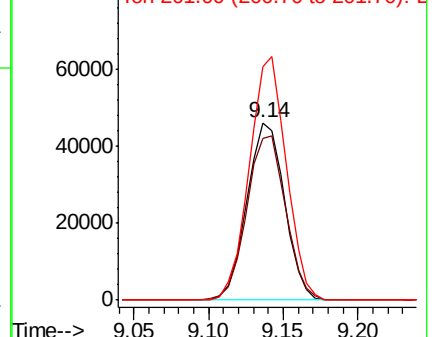
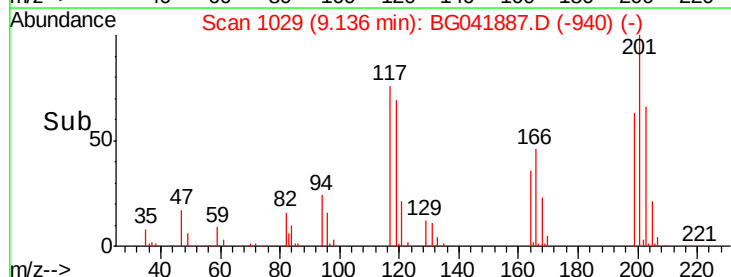


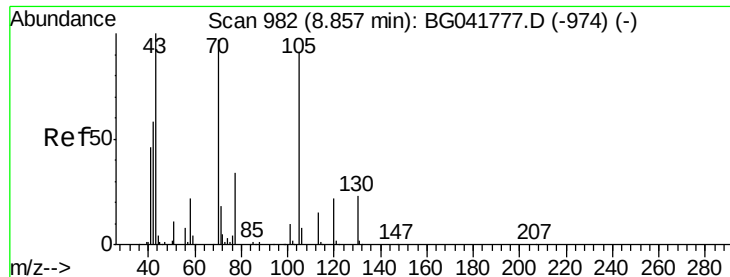
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

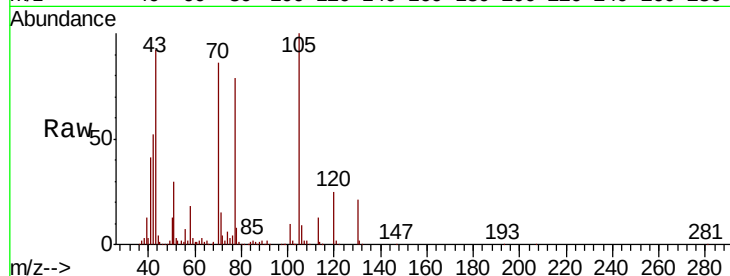




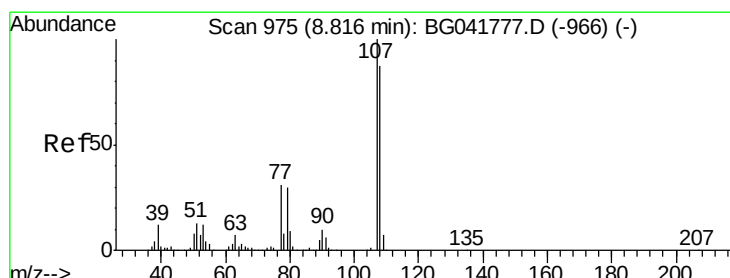
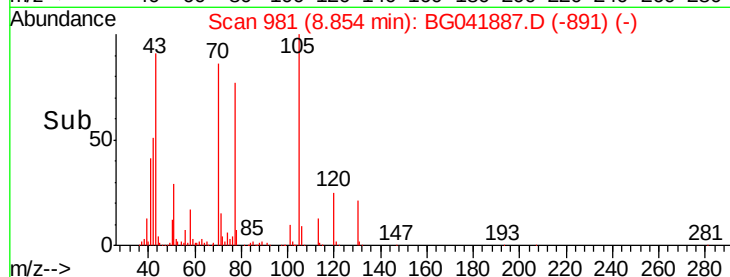
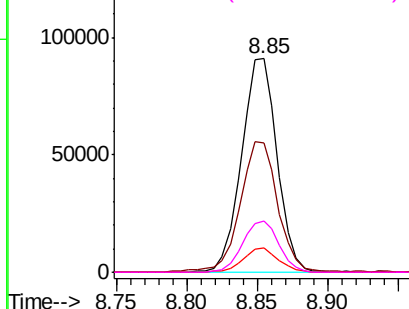
#19
n-Nitroso-di-n-propylamine
Concen: 39.206 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	159896
Ion	Ratio	Lower	Upper
70	100		
42	60.3	55.8	83.6
101	11.2	8.1	12.1
130	24.3	17.3	25.9

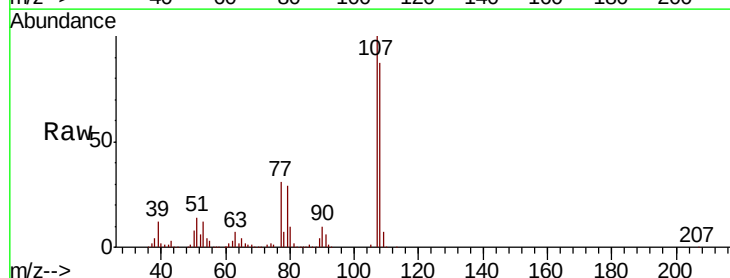


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

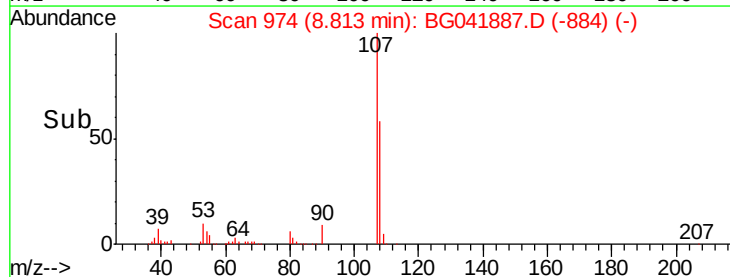
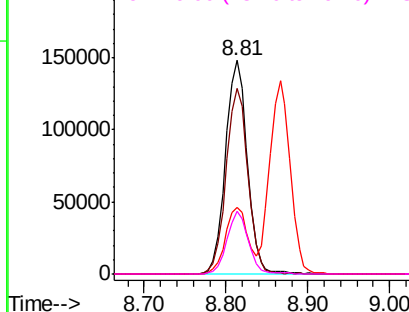


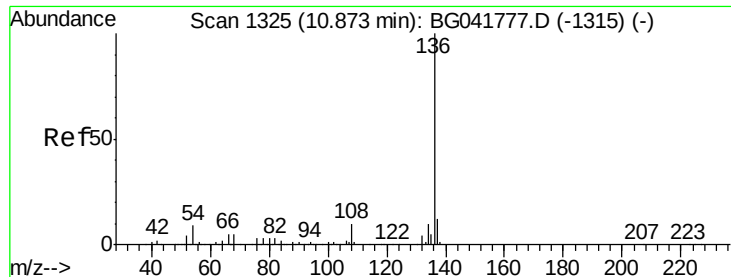
#20
3+4-Methylphenols
Concen: 47.351 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion:	107	Resp:	275402
Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.5	107.5
77	31.2	12.3	52.3
79	29.2	8.3	48.3



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

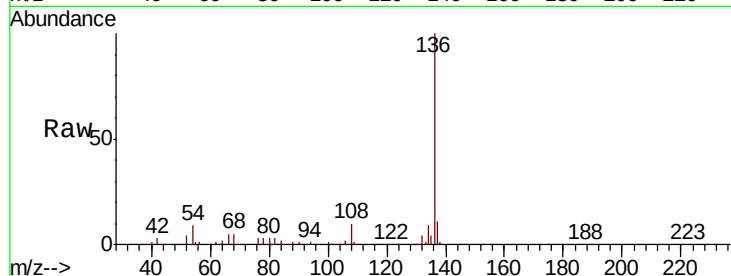




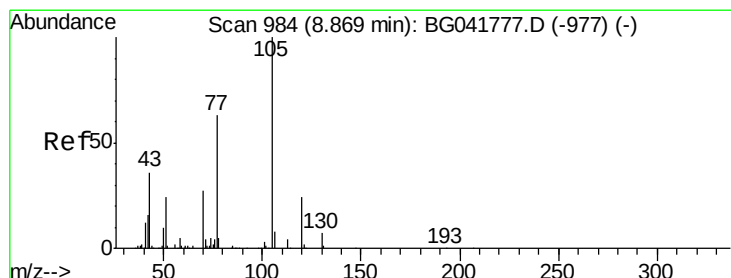
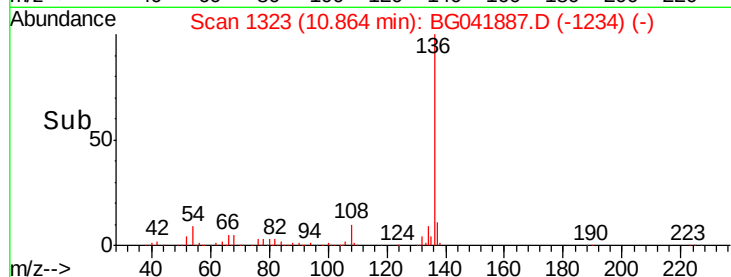
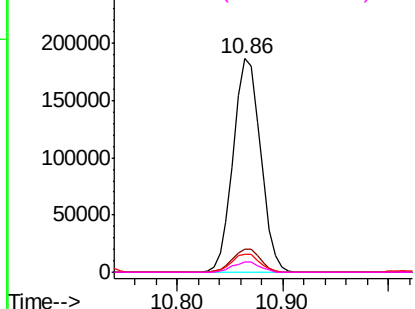
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	334855
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	8.5	8.7 13.1#
68	4.9	5.5 8.3#

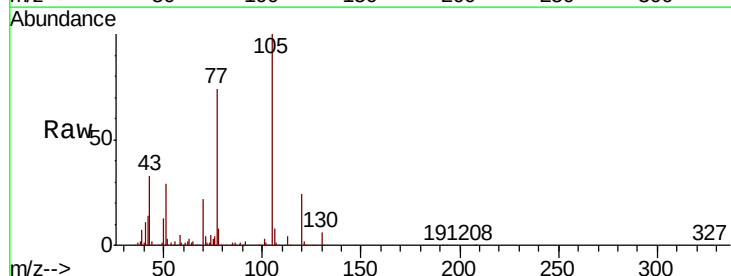


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

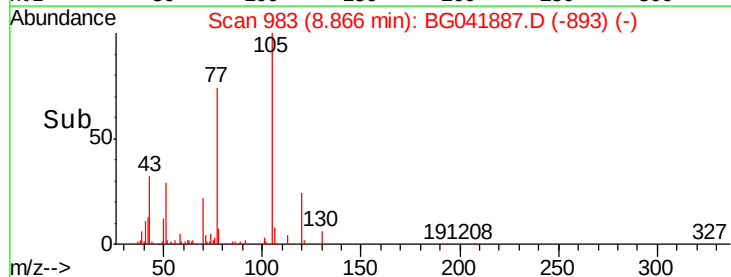
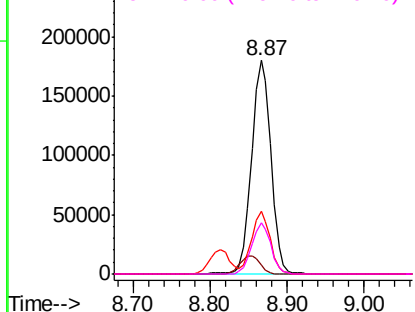


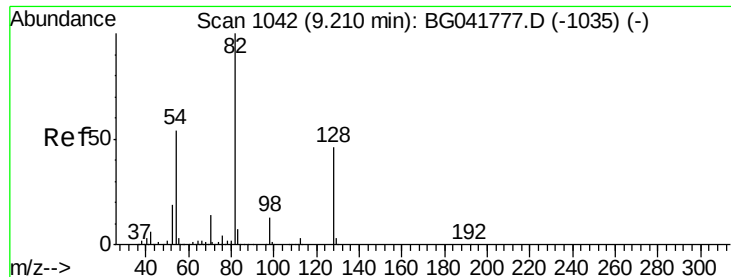
#22
Acetophenone
Concen: 42.519 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion:105	Resp:	318462
Ion Ratio	Lower	Upper
105	100	
71	4.0	5.9 8.9#
51	29.2	27.7 41.5
120	23.7	19.3 28.9



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

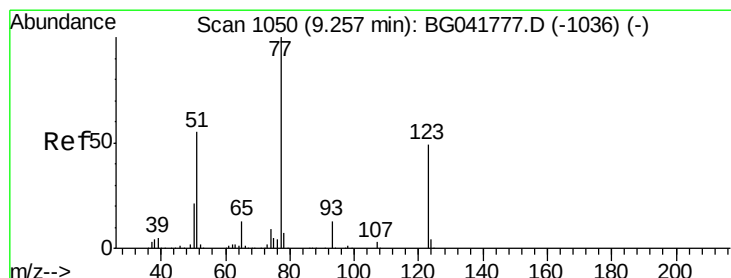
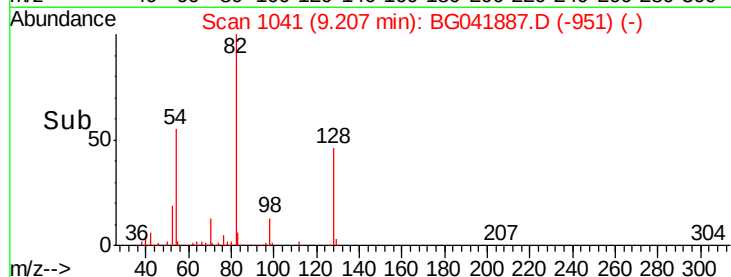
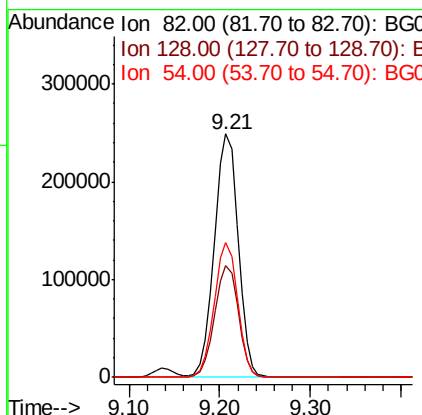
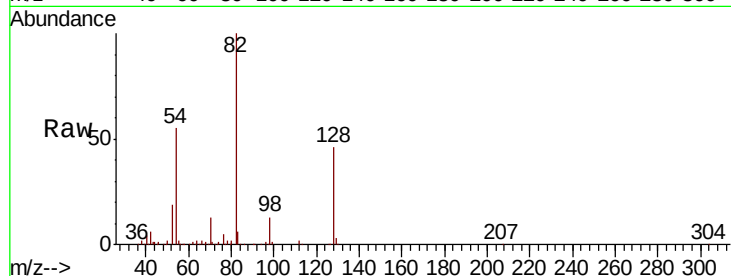




#23
 Nitrobenzene-d5
 Concen: 93.447 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

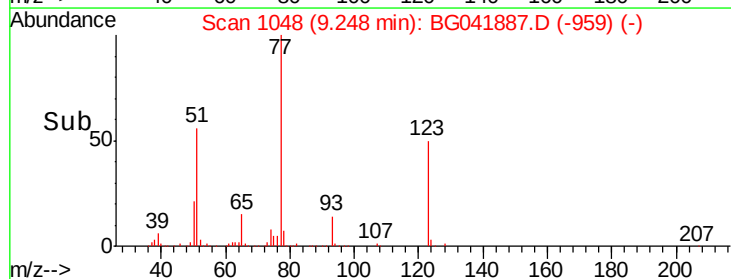
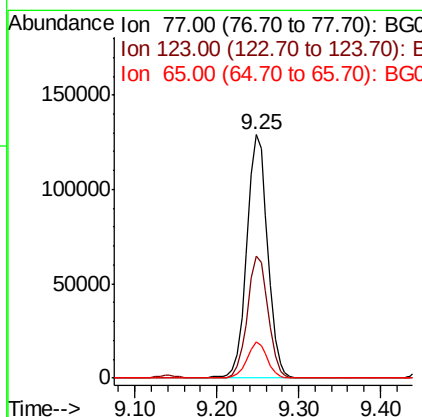
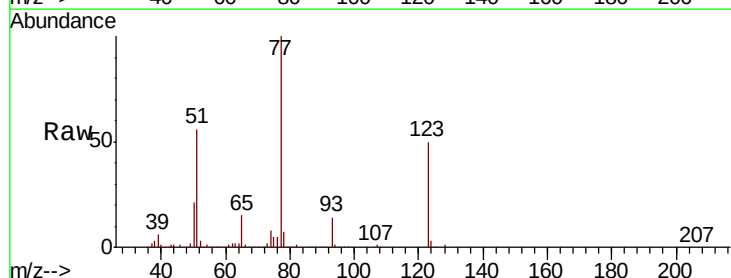
Instrument :
 BNA_G
 ClientSampleId :

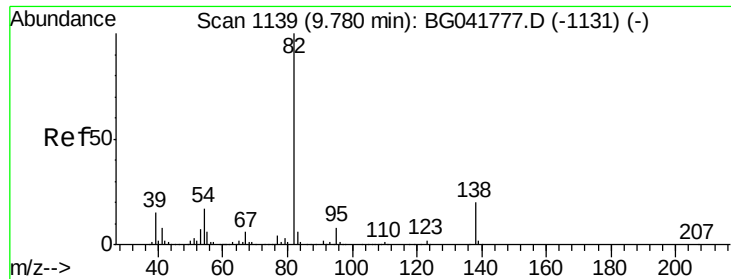
Tot Ion	82	Resp	454708
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.1	52.7
54	55.4	48.7	73.1



#24
 Nitrobenzene
 Concen: 44.583 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Tgt Ion	77	Resp	228543
Ion Ratio	Lower	Upper	
77	100		
123	50.2	38.1	57.1
65	14.9	11.0	16.6





#25

Isophorone

Concen: 43.072 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

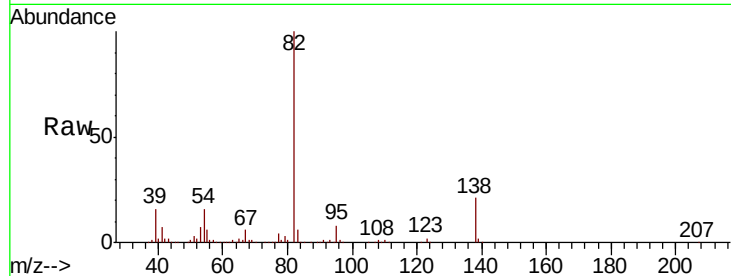
Tot Ion: 82 Resp: 455921

Ion Ratio Lower Upper

82 100

95 8.3 5.9 8.9

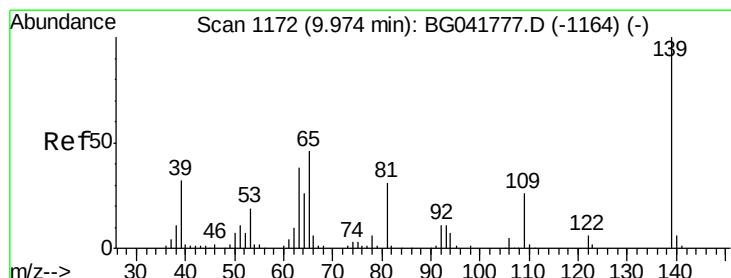
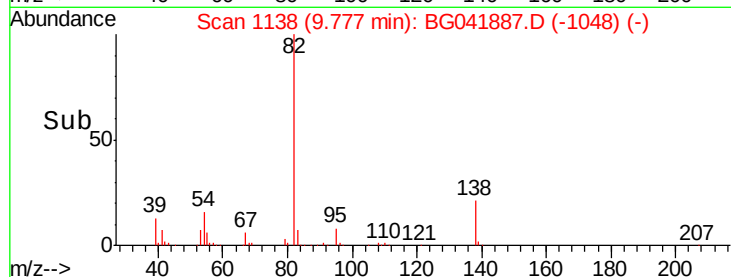
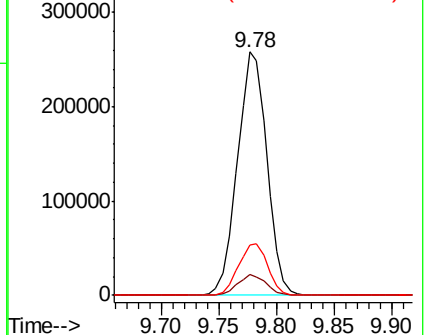
138 20.6 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BG041777.D (-1131) (-)

Ion 95.00 (94.70 to 95.70): BG041777.D (-1131) (-)

Ion 138.00 (137.70 to 138.70): BG041777.D (-1131) (-)



#26

2-Nitrophenol

Concen: 62.244 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

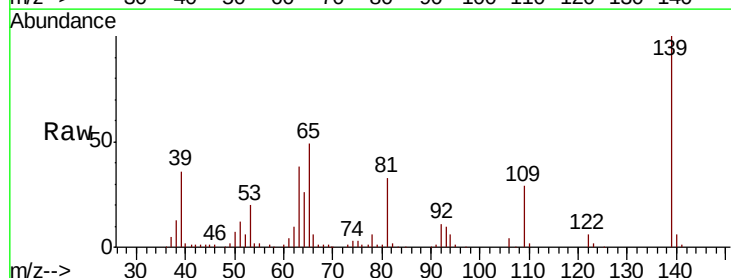
Tgt Ion: 139 Resp: 148088

Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

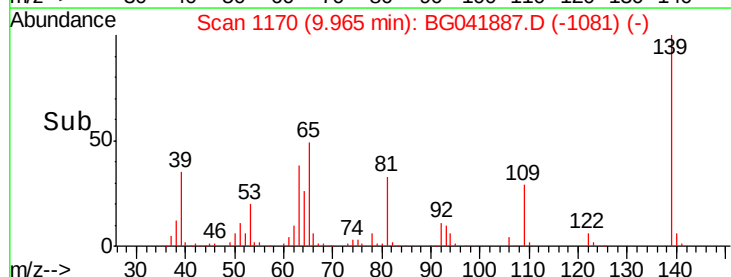
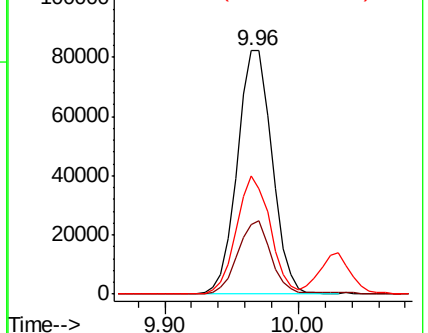
65 48.6 41.1 61.7

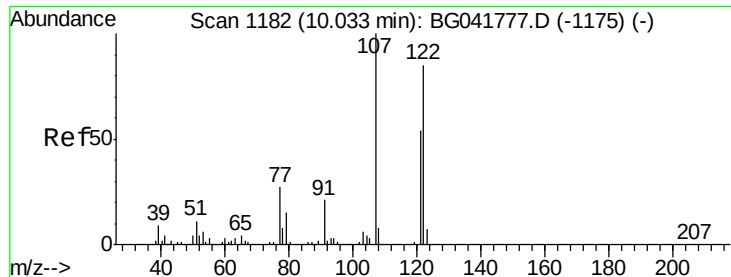


Abundance Ion 139.00 (138.70 to 139.70): BG041777.D (-1164) (-)

Ion 109.00 (108.70 to 109.70): BG041777.D (-1164) (-)

Ion 65.00 (64.70 to 65.70): BG041777.D (-1164) (-)

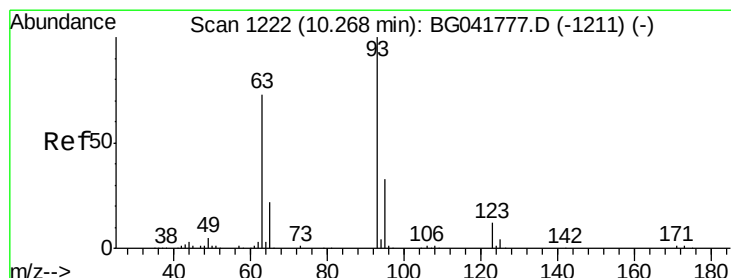
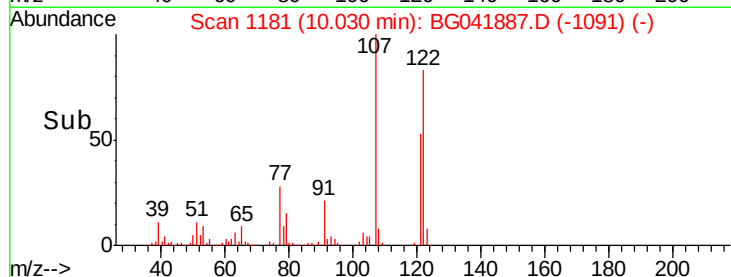
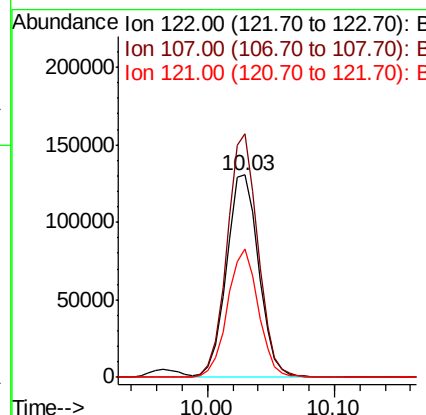
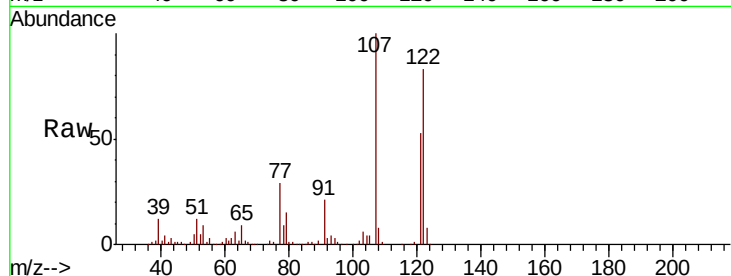




#27
 2,4-Dimethylphenol
 Concen: 54.464 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

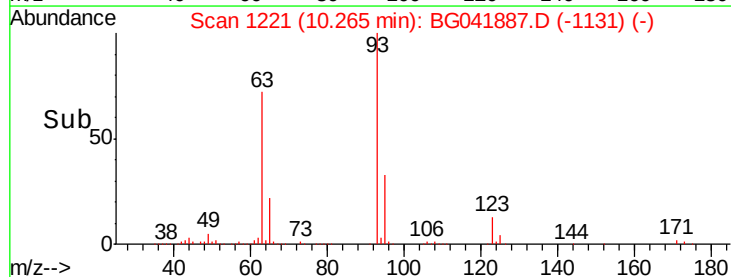
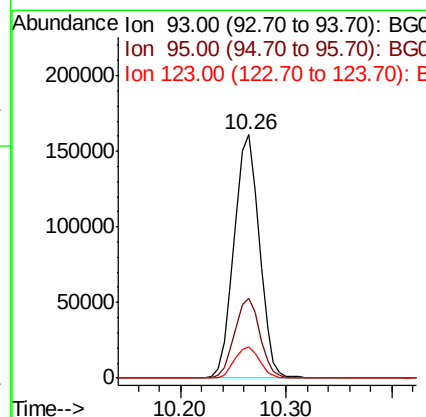
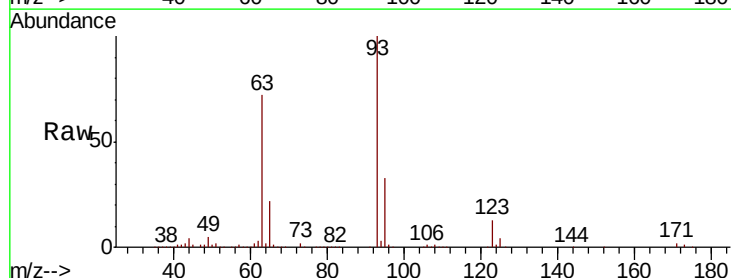
Instrument :
 BNA_G
 ClientSampleId :

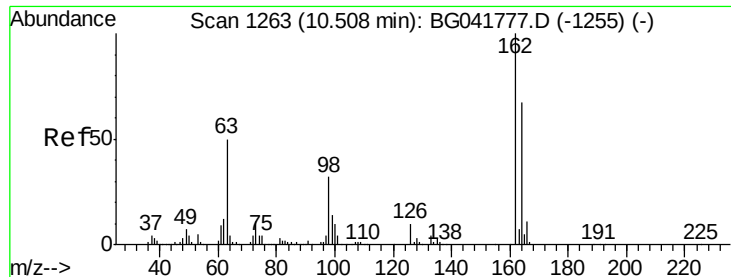
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.2	91.3	136.9
121	63.2	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.212 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.5	9.9	14.9

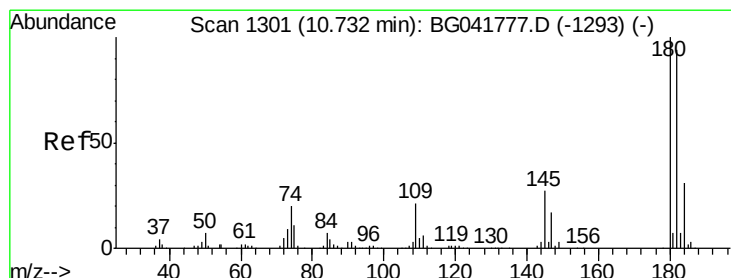
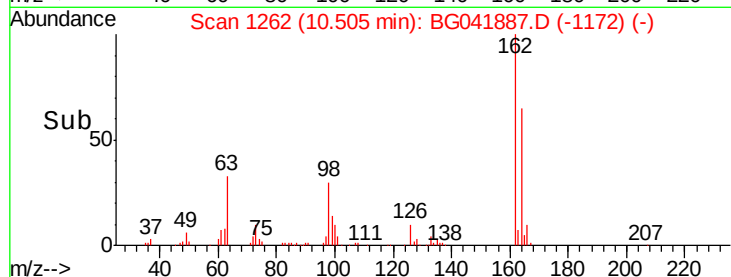
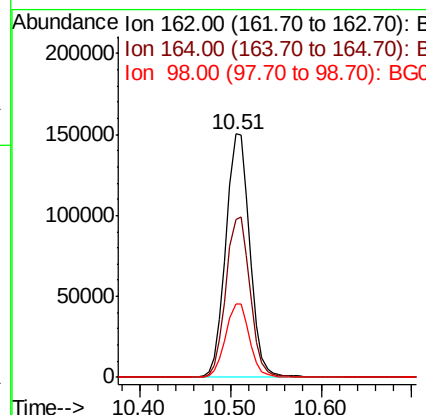
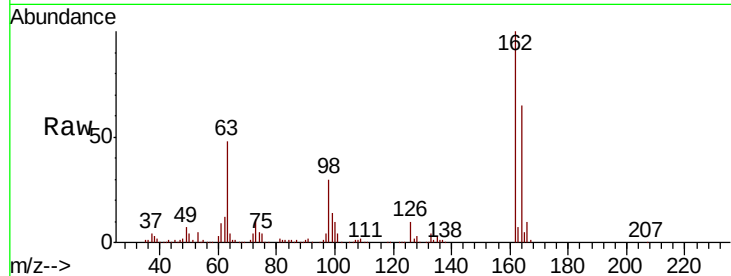




#29
 2,4-Dichlorophenol
 Concen: 54.072 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

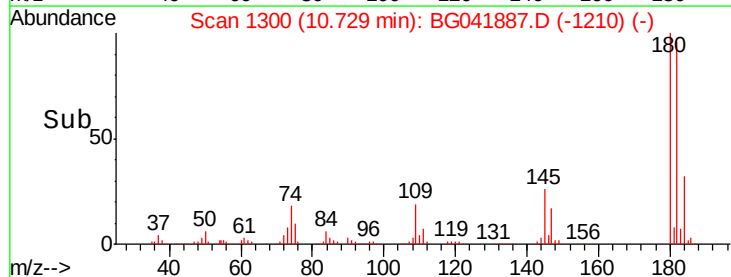
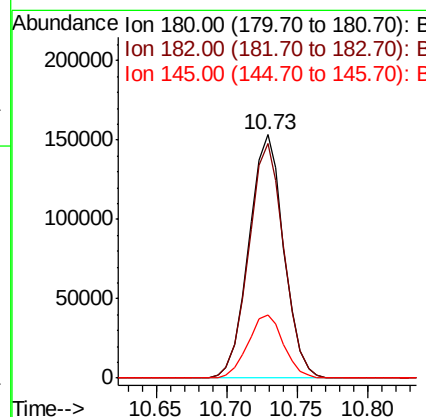
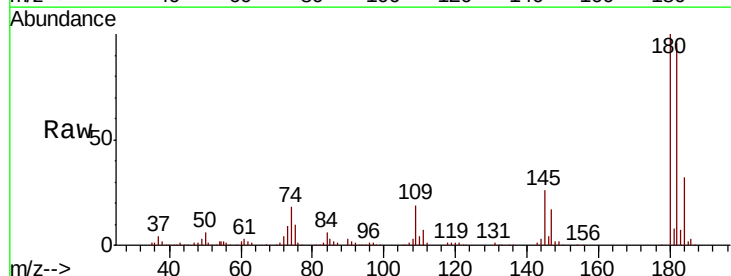
Instrument :
 BNA_G
 ClientSampleId :

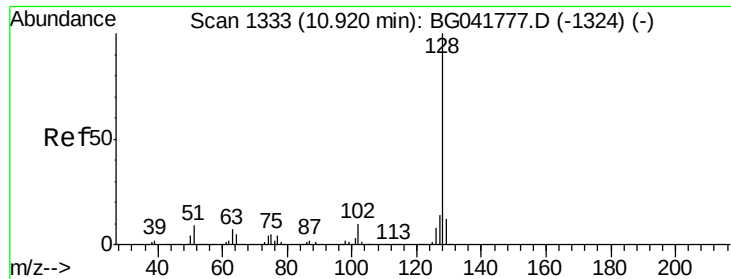
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	46.1	86.1
98	30.1	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 40.899 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.2	114.2
145	25.7	23.8	35.8

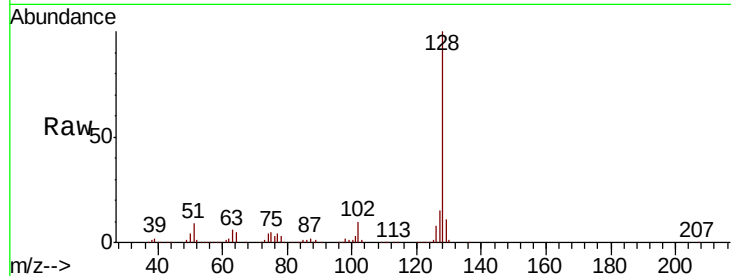




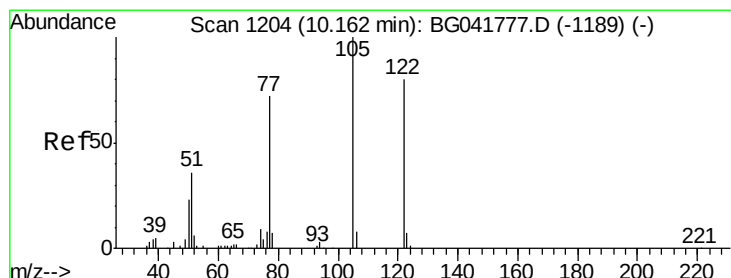
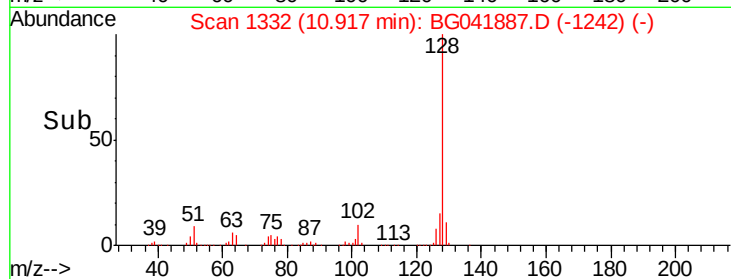
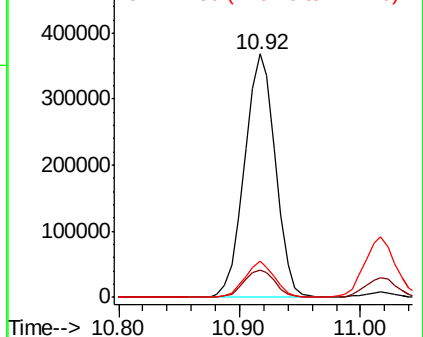
#31
Naphthalene
Concen: 42.699 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	10.0	15.0
127	14.8	12.3	18.5

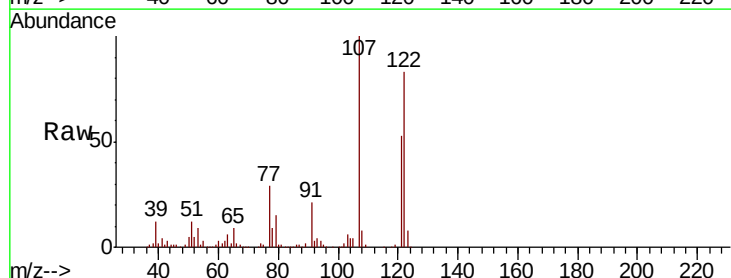


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

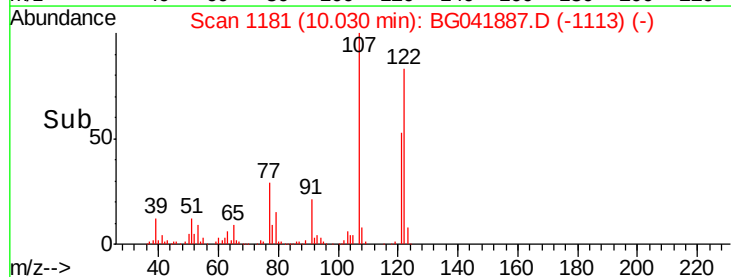
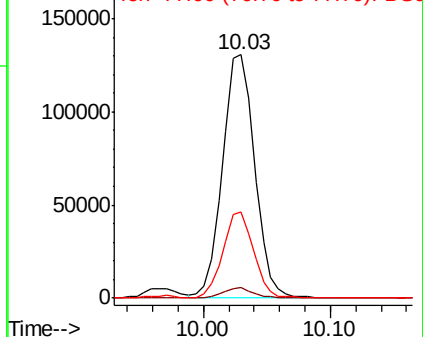


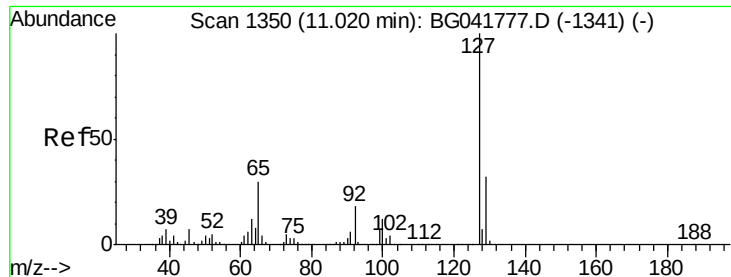
#32
Benzoic acid
Concen: 71.104 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.13 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.4	101.5	141.5#
77	35.3	73.0	113.0#



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

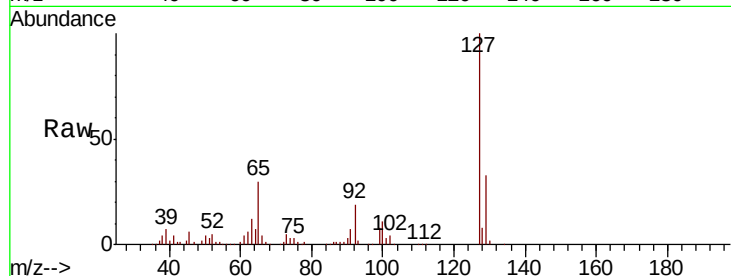




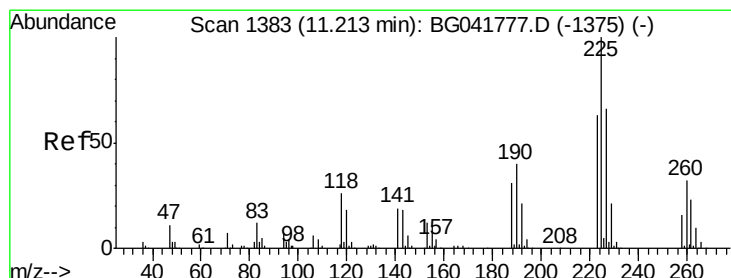
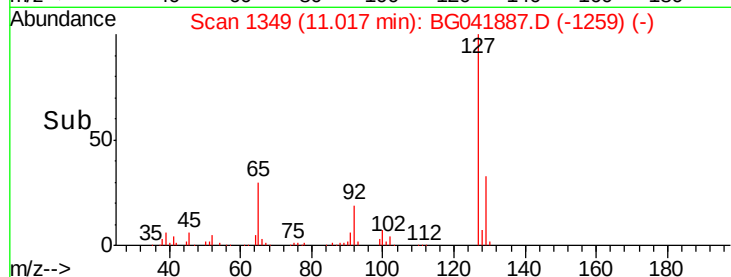
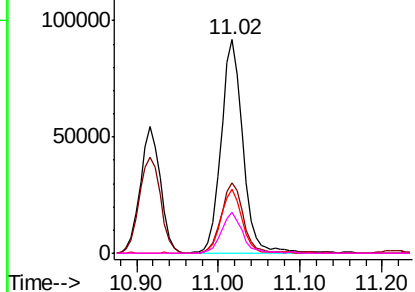
#33
4-Chloroaniline
Concen: 23.312 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	169428
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	30.1	26.7	40.1
92	18.9	15.4	23.0

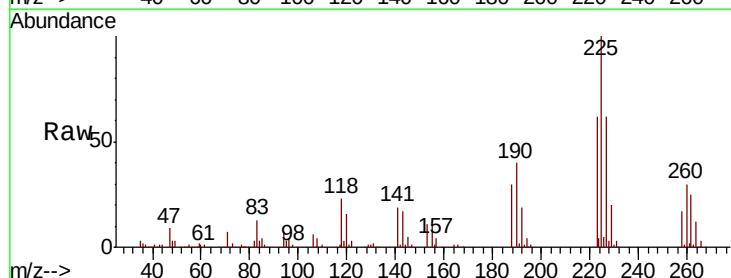


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

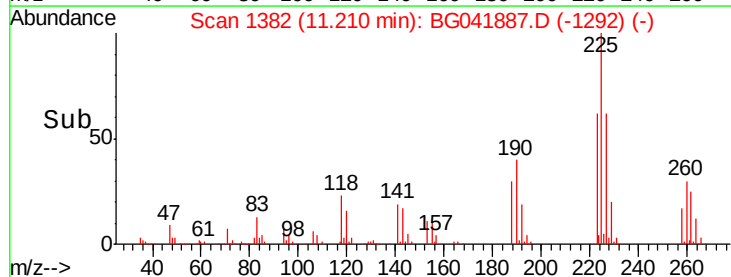
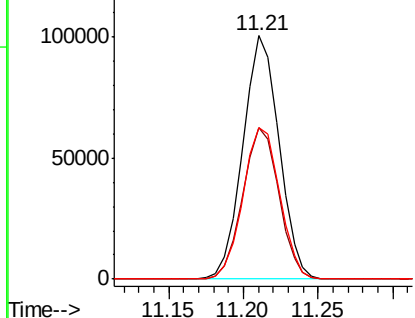


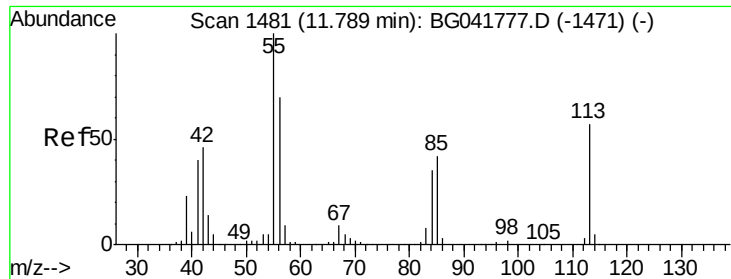
#34
Hexachlorobutadiene
Concen: 38.492 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion:	225	Resp:	168456
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.1	76.7
227	62.3	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.556 ng

RT: 11.81 min Scan# 1484

Delta R.T. 0.02 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampled :

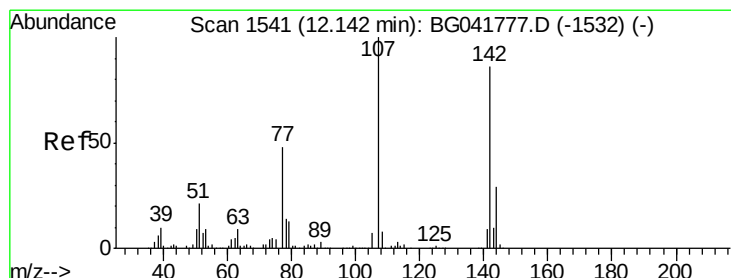
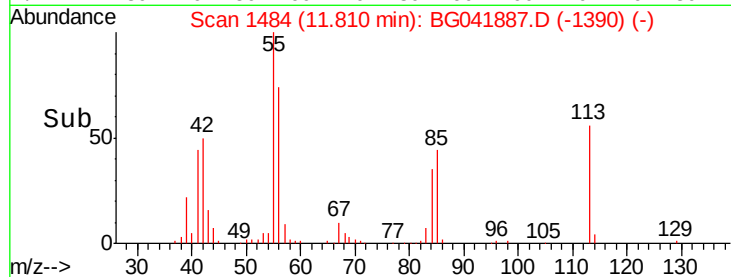
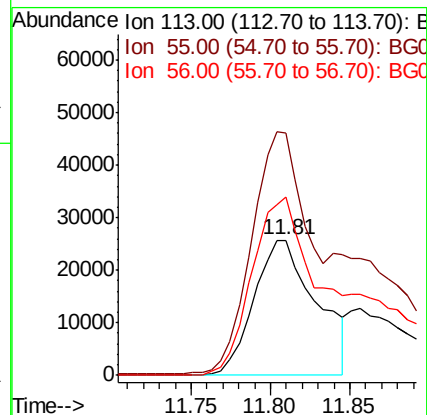
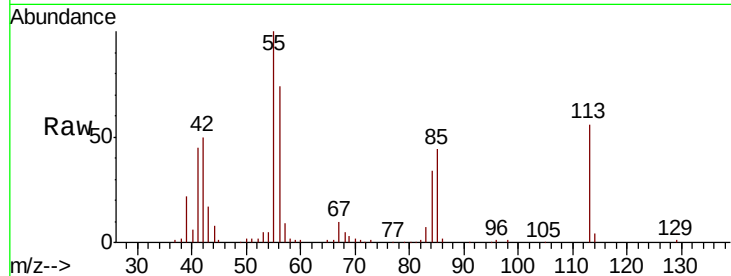
Tot Ion:113 Resp: 70295

Ion Ratio Lower Upper

113 100

55 179.4 199.4 239.4#

56 132.3 133.6 173.6#



#36

4-Chloro-3-methylphenol

Concen: 56.190 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

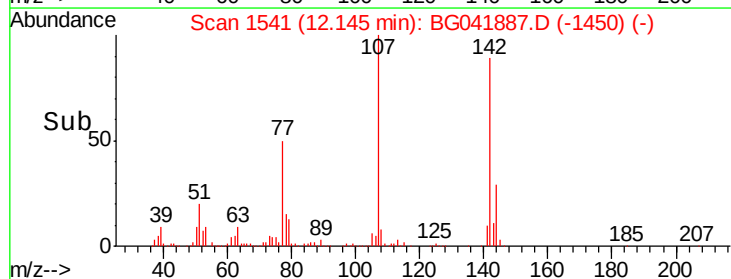
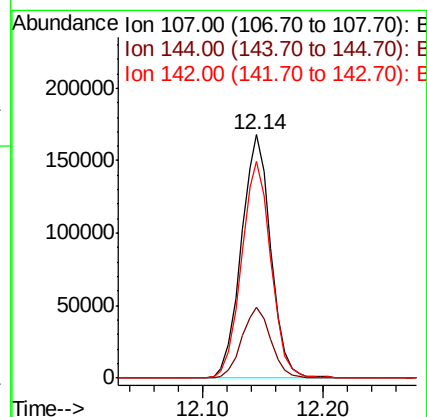
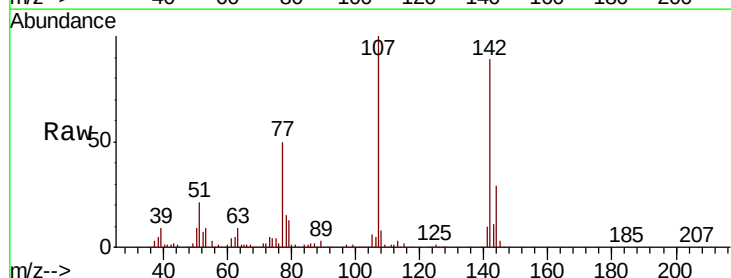
Tgt Ion:107 Resp: 284861

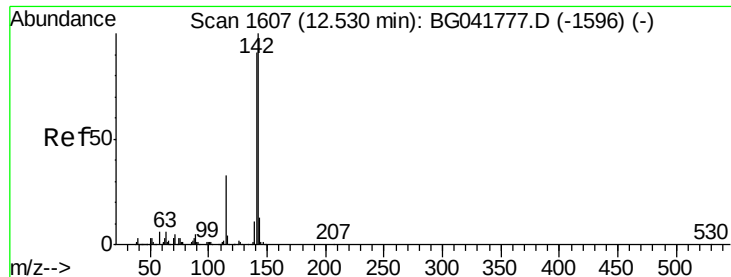
Ion Ratio Lower Upper

107 100

144 28.9 22.2 33.2

142 89.0 67.3 100.9





#37

2-Methylnaphthalene

Concen: 43.394 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

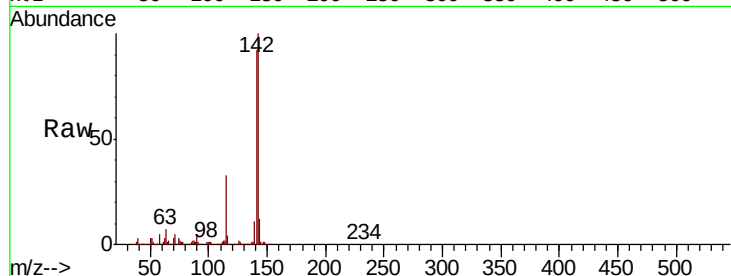
Tot Ion:142 Resp: 526392

Ion Ratio Lower Upper

142 100

141 92.2 72.7 109.1

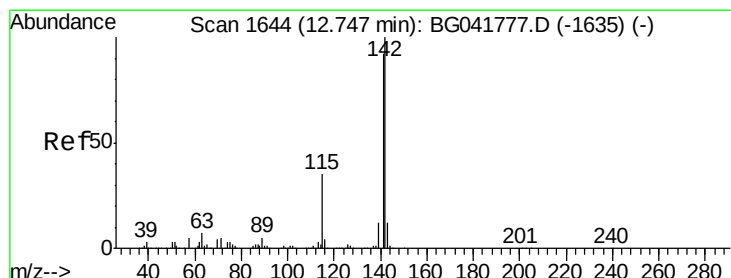
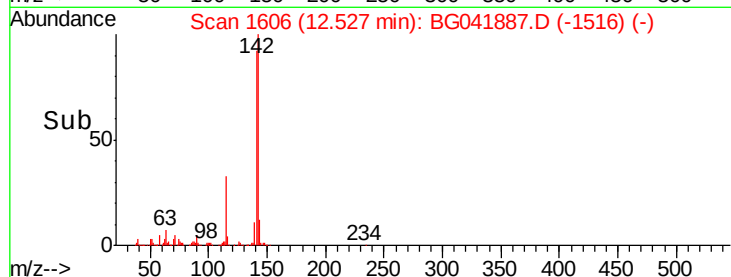
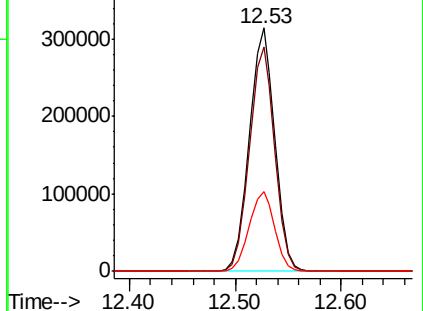
115 33.0 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.344 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

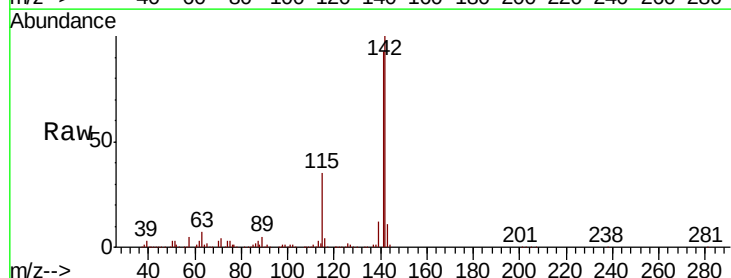
Tgt Ion:142 Resp: 509776

Ion Ratio Lower Upper

142 100

141 93.3 75.4 113.2

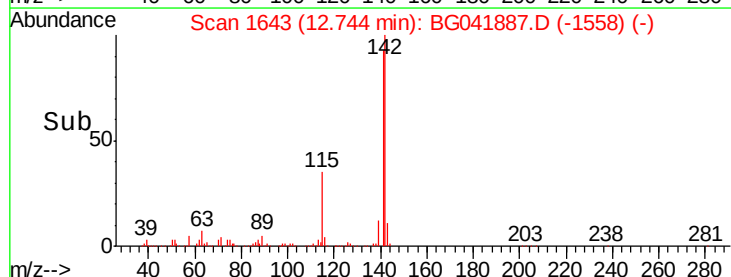
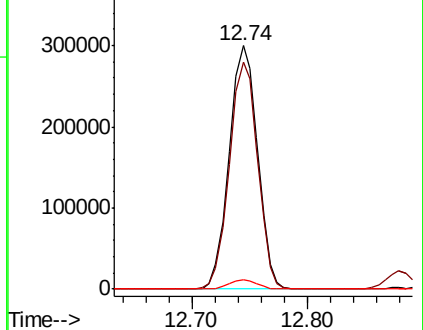
116 3.8 3.2 4.8

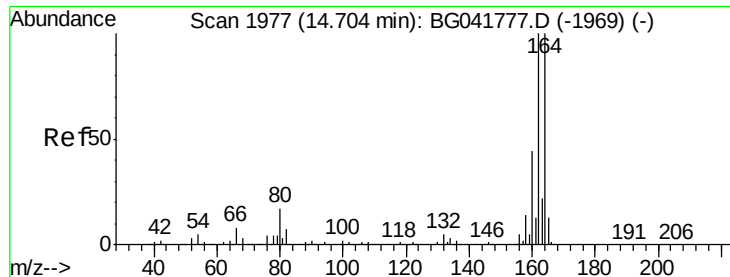


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

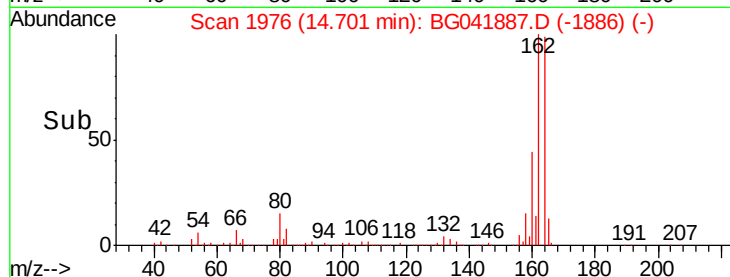
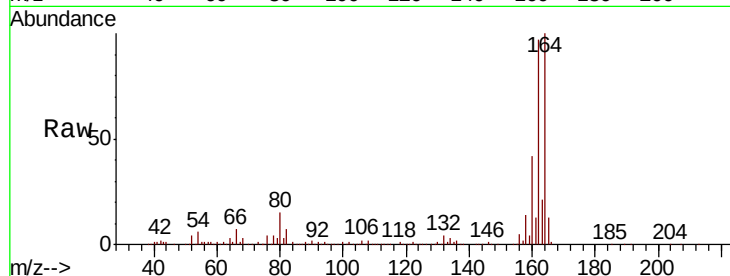
Tot Ion:164 Resp: 267707

Ion Ratio Lower Upper

164 100

162 97.0 79.6 119.4

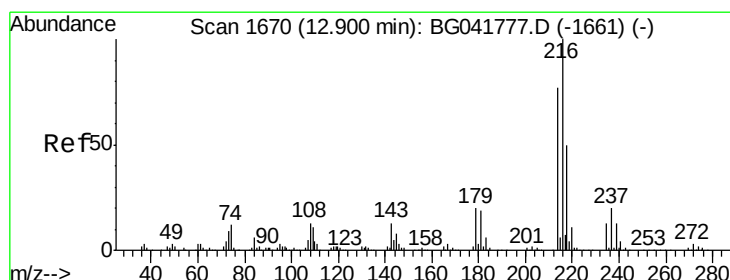
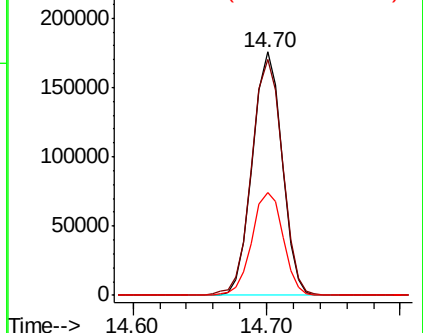
160 42.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.719 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Tgt Ion:216 Resp: 336582

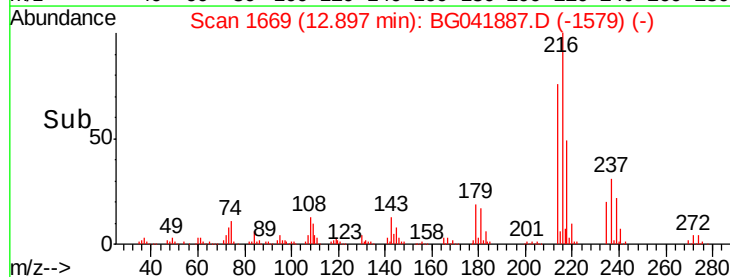
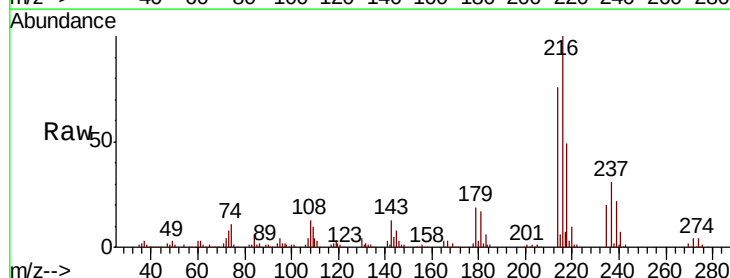
Ion Ratio Lower Upper

216 100

214 76.5 61.5 92.3

179 19.1 16.2 24.2

108 14.4 13.2 19.8

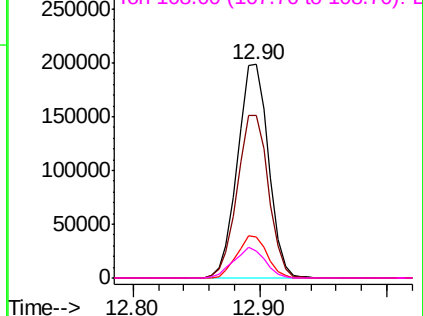


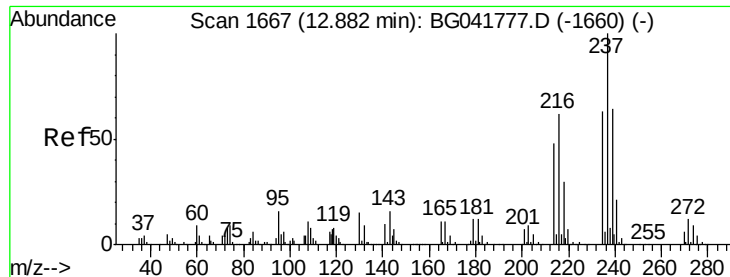
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

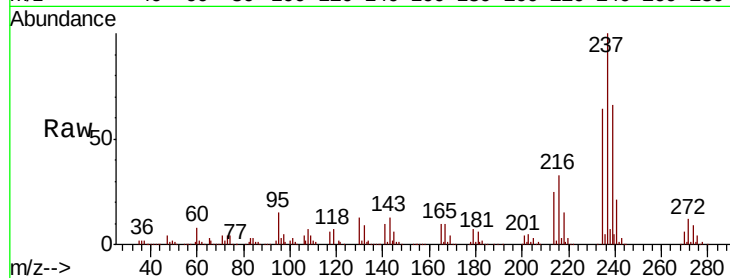




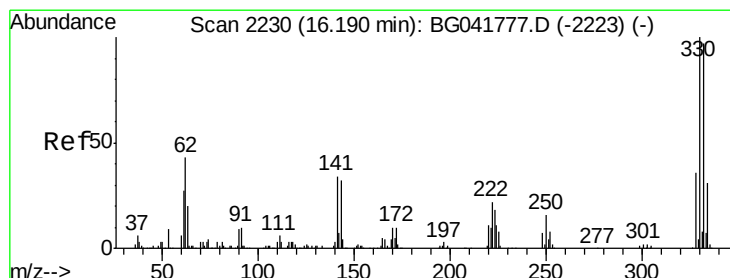
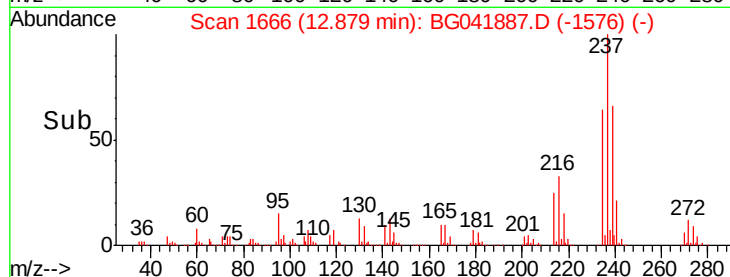
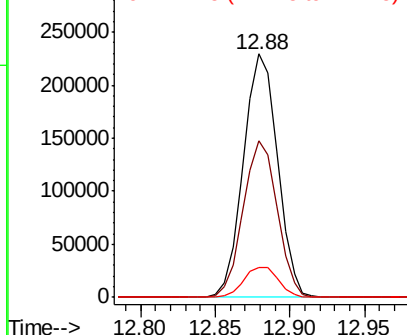
#41
Hexachlorocyclopentadiene
Concen: 76.210 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 363089
Ion Ratio Lower Upper
237 100
235 64.2 43.5 83.5
272 12.0 0.0 31.2

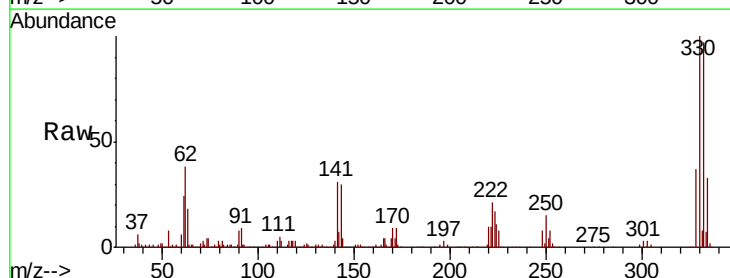


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

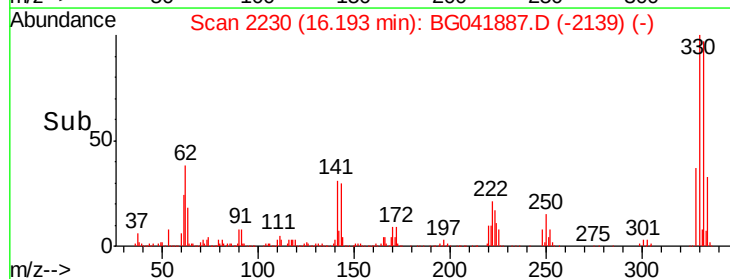
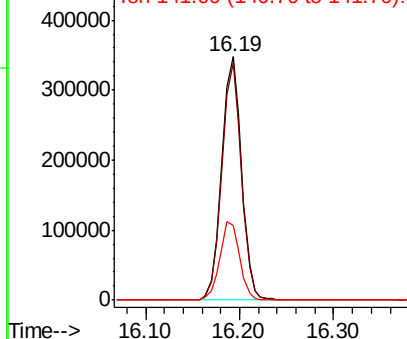


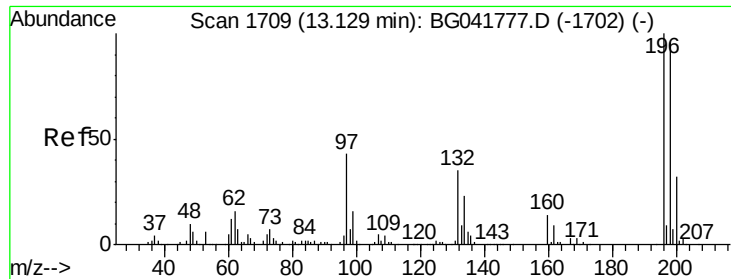
#42
2,4,6-Tribromophenol
Concen: 168.635 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion:330 Resp: 512782
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 32.3 31.9 47.9



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

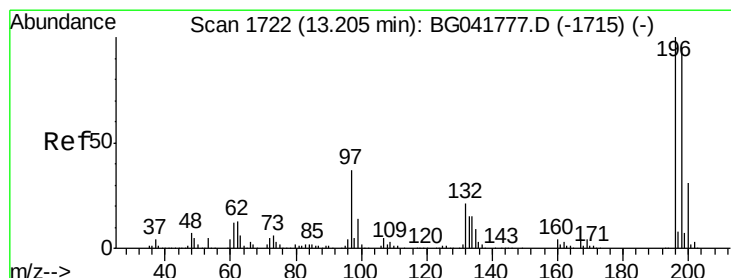
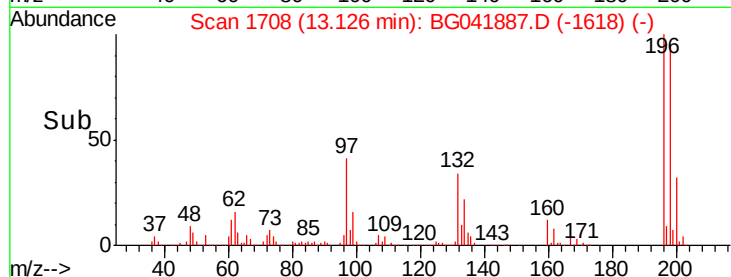
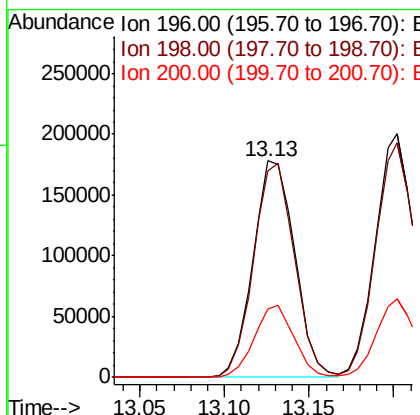
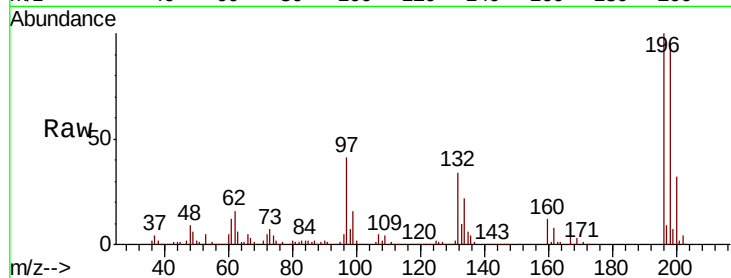




#43
 2,4,6-Trichlorophenol
 Concen: 57.004 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

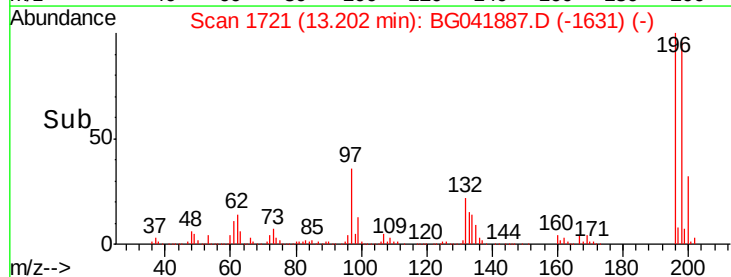
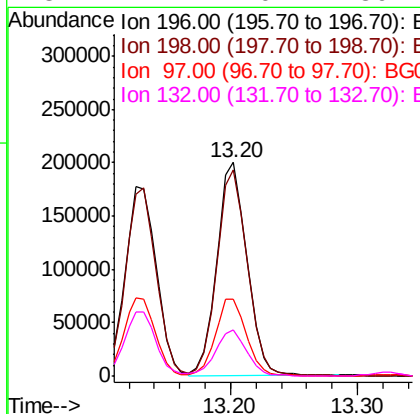
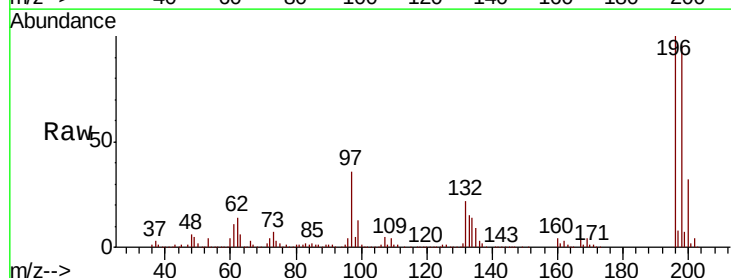
Instrument :
 BNA_G
 ClientSampleId :

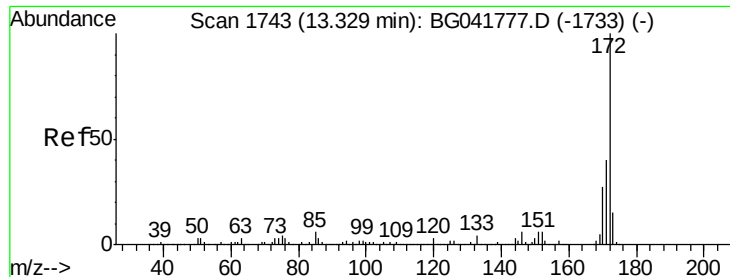
Tot Ion:196 Resp: 305310
 Ion Ratio Lower Upper
 196 100
 198 95.4 79.6 119.4
 200 31.5 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 59.191 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Tgt Ion:196 Resp: 329444
 Ion Ratio Lower Upper
 196 100
 198 96.3 80.6 121.0
 97 36.1 33.9 50.9
 132 21.7 20.2 30.2



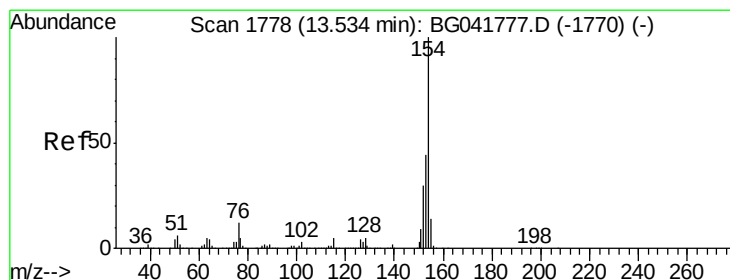
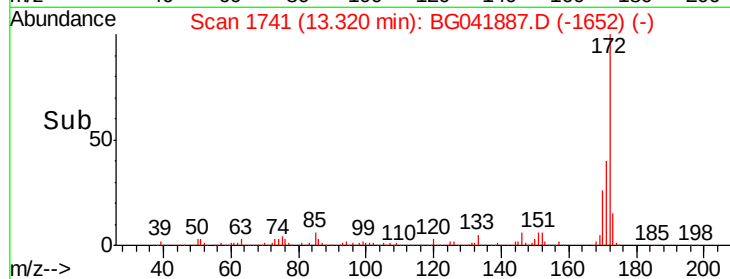
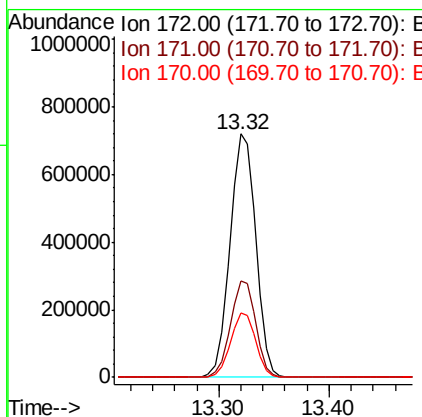
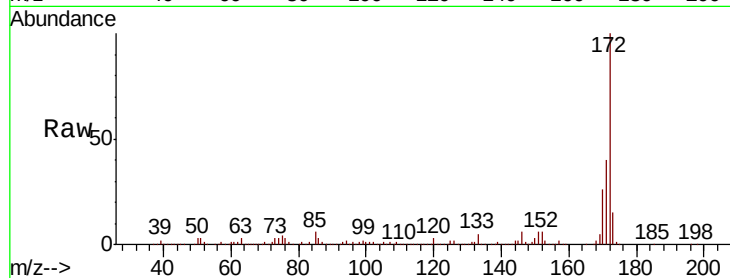


#45
 2-Fluorobiphenyl
 Concen: 77.625 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1178238

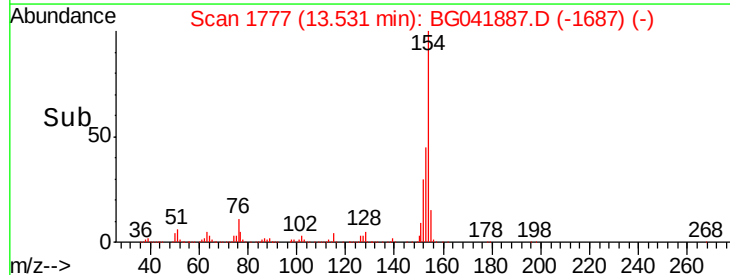
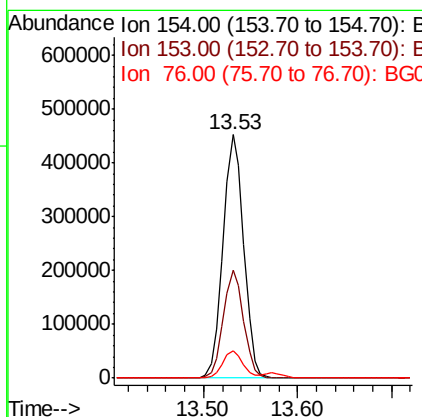
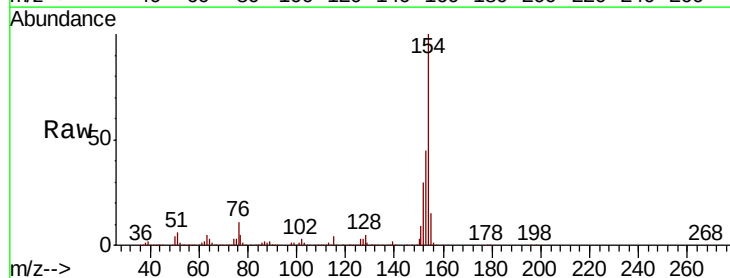
Ion	Ratio	Lower	Upper
172	100		
171	39.8	35.0	52.4
170	26.4	23.5	35.3

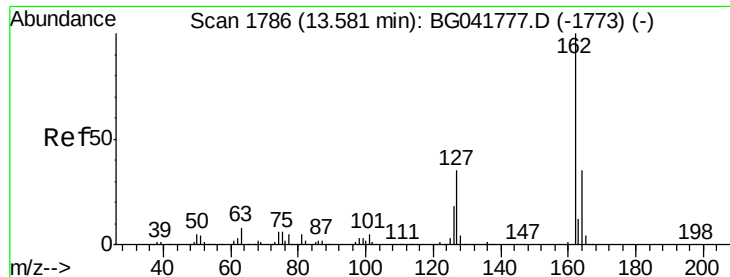


#46
 1,1'-Biphenyl
 Concen: 40.128 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Tgt Ion:154 Resp: 690564

Ion	Ratio	Lower	Upper
154	100		
153	44.6	25.0	65.0
76	11.0	0.0	34.5

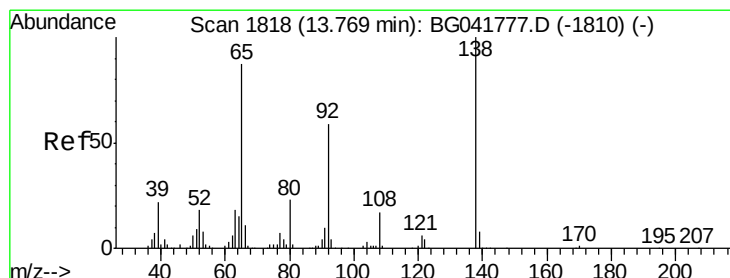
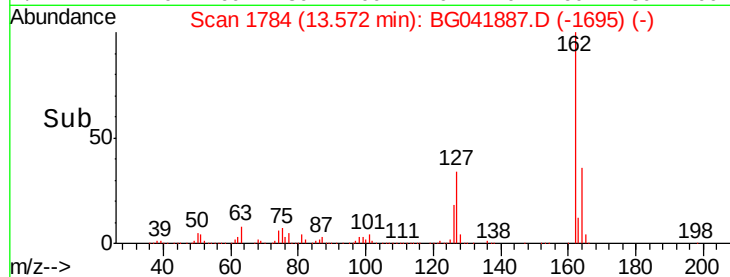
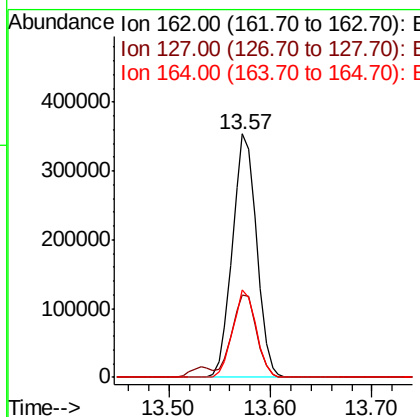
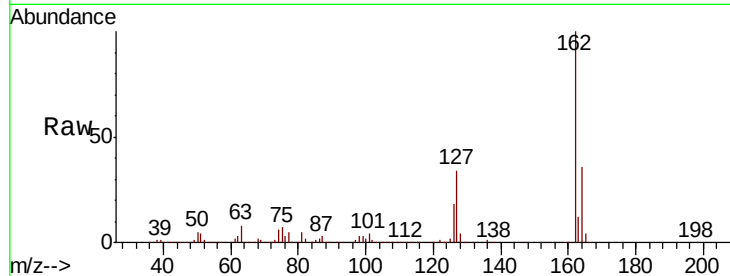




#47
 2-Chloronaphthalene
 Concen: 39.969 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

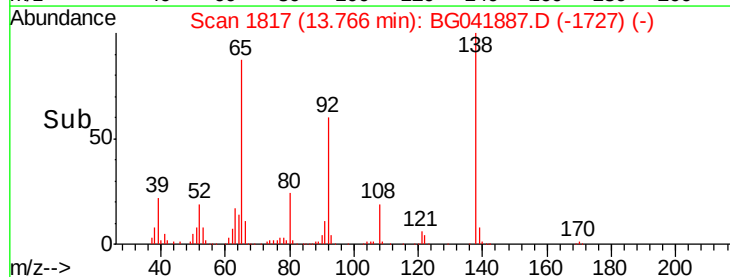
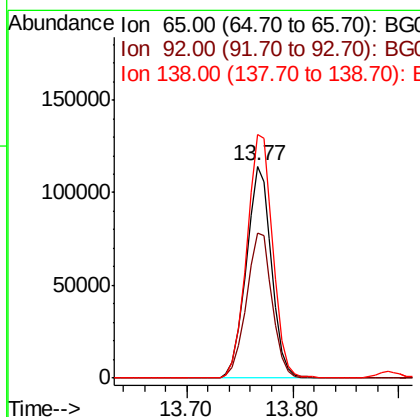
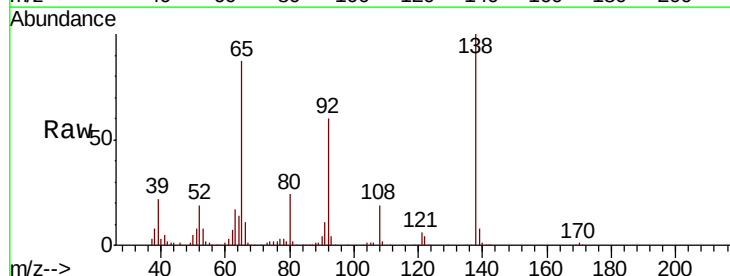
Instrument :
 BNA_G
 ClientSampleId :

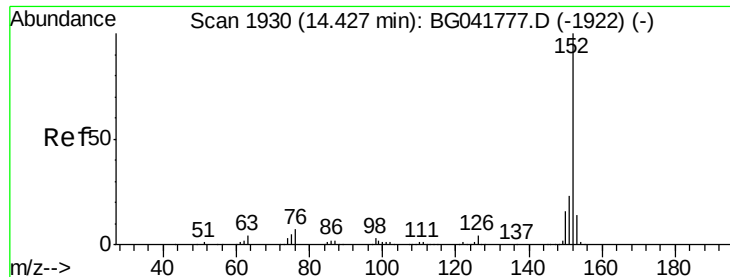
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.0	30.4	45.6
164	35.9	28.6	42.8



#48
 2-Nitroaniline
 Concen: 51.002 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.9	80.9
138	114.9	83.5	125.3





#49

Acenaphthylene

Concen: 43.181 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

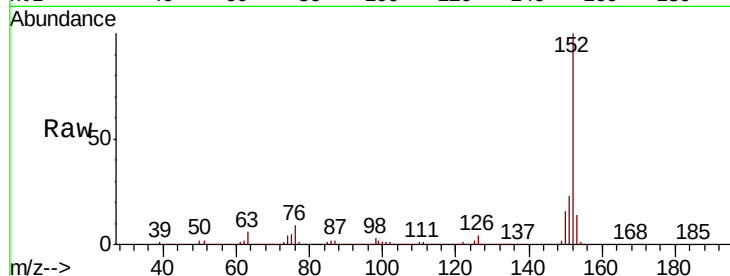
Tot Ion:152 Resp: 946383

Ion Ratio Lower Upper

152 100

151 22.6 18.7 28.1

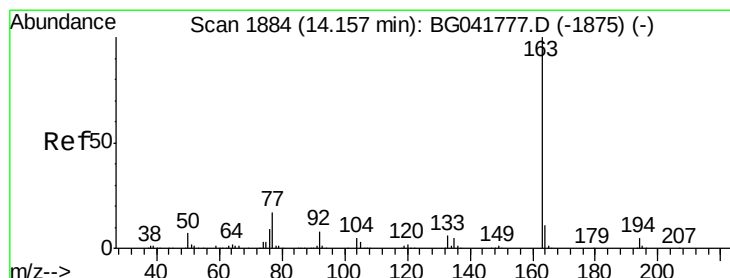
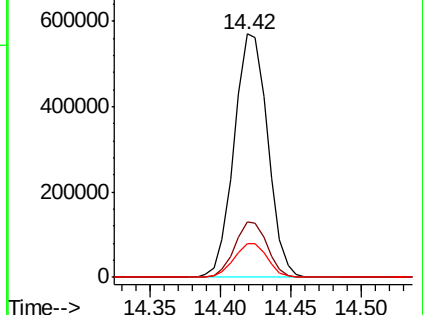
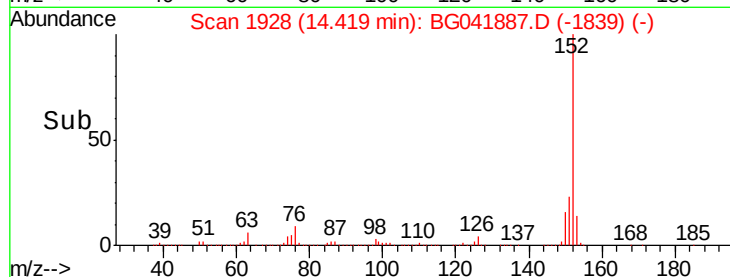
153 14.0 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.623 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

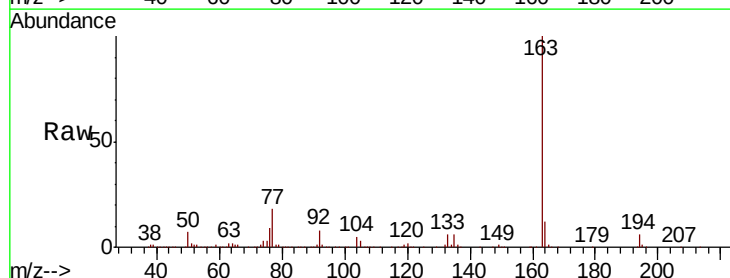
Tgt Ion:163 Resp: 1035252

Ion Ratio Lower Upper

163 100

194 5.7 4.2 6.2

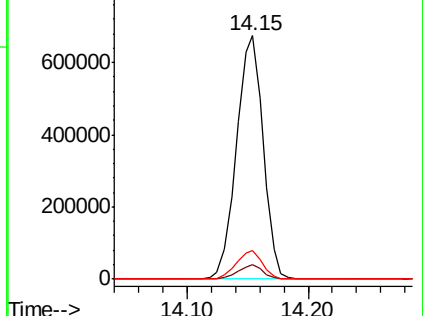
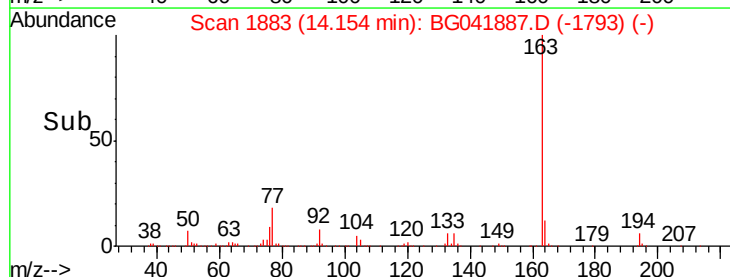
164 11.8 9.4 14.2

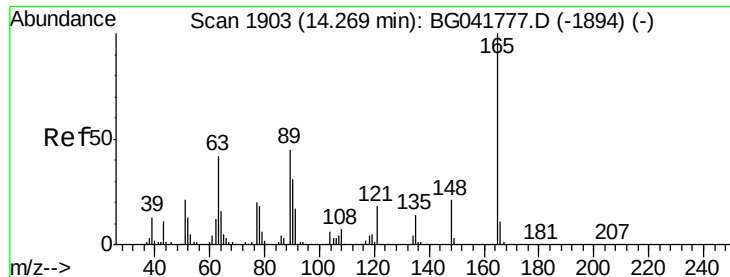


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.474 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

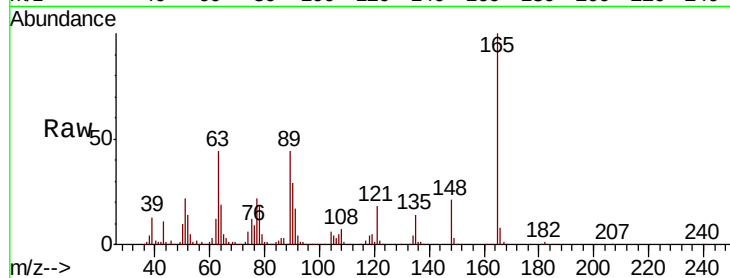
Tot Ion:165 Resp: 204434

Ion Ratio Lower Upper

165 100

63 44.2 42.4 63.6

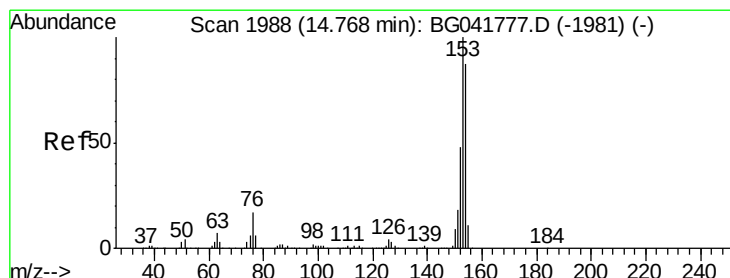
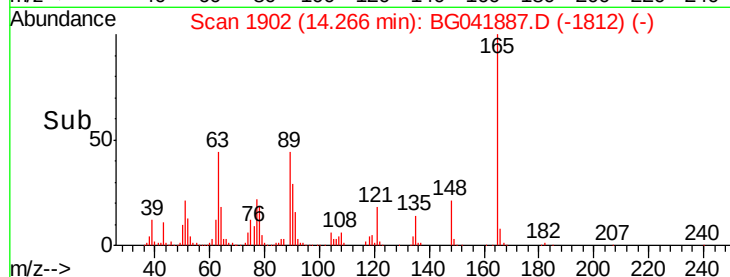
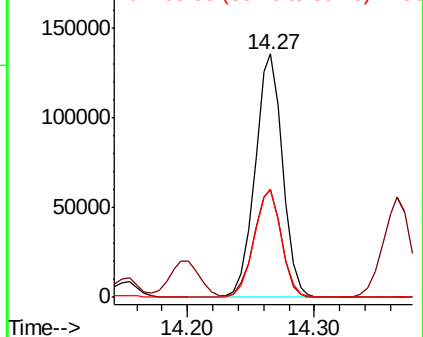
89 44.2 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.588 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

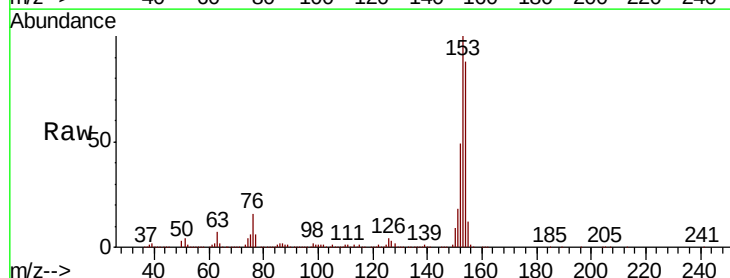
Tgt Ion:154 Resp: 592804

Ion Ratio Lower Upper

154 100

153 114.2 89.8 134.6

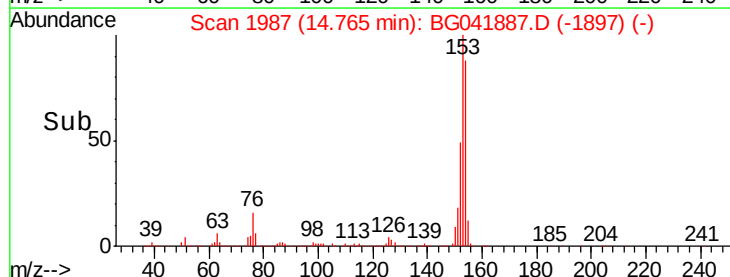
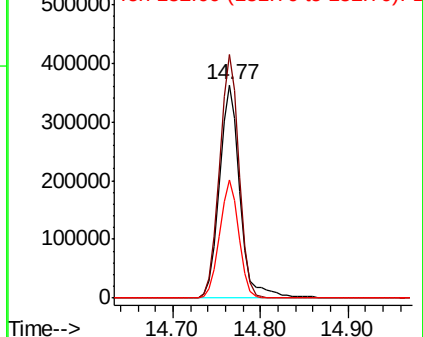
152 55.5 44.9 67.3

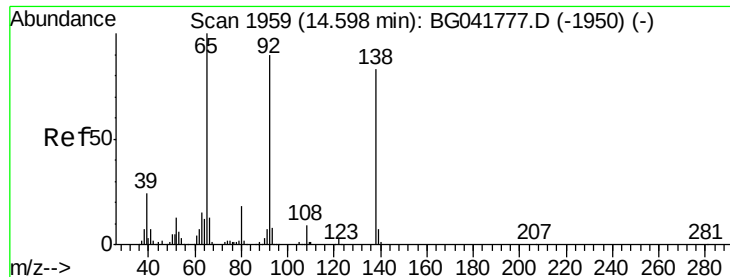


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 36.322 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

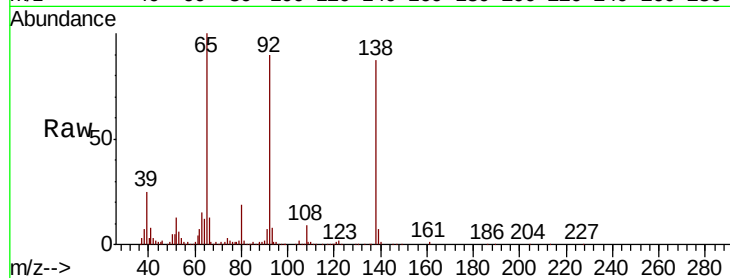
Tot Ion:138 Resp: 148555

Ion Ratio Lower Upper

138 100

108 10.9 10.3 15.5

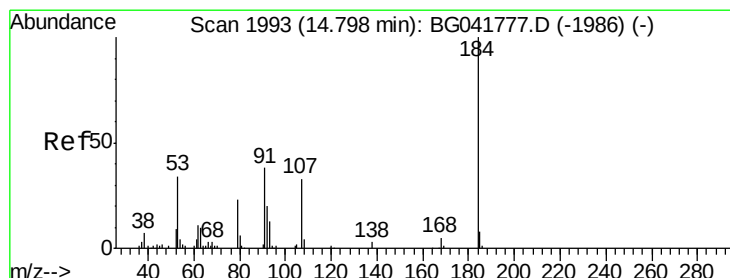
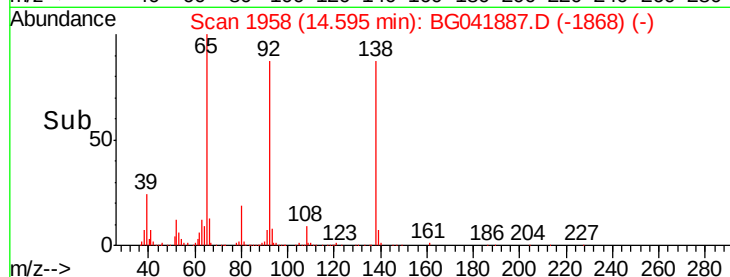
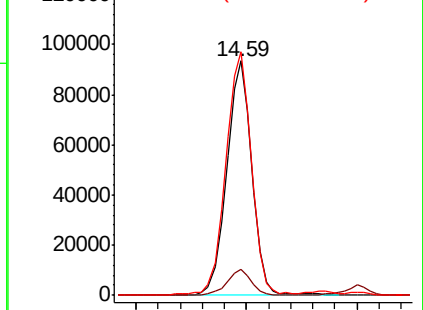
92 104.0 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 41.044 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

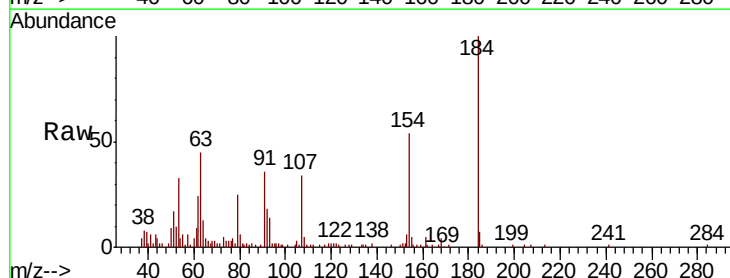
Tgt Ion:184 Resp: 76487

Ion Ratio Lower Upper

184 100

63 44.6 43.2 64.8

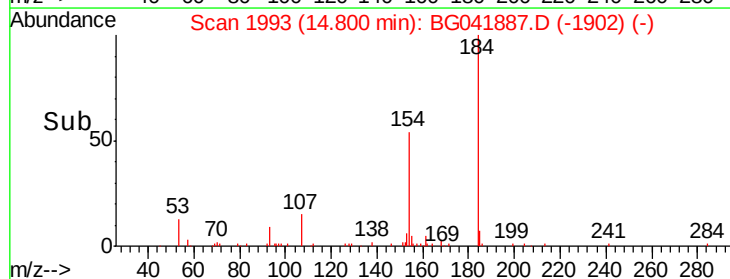
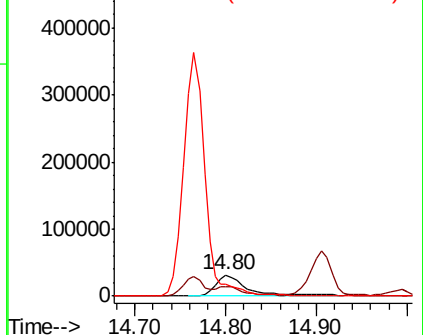
154 54.3 51.4 77.2

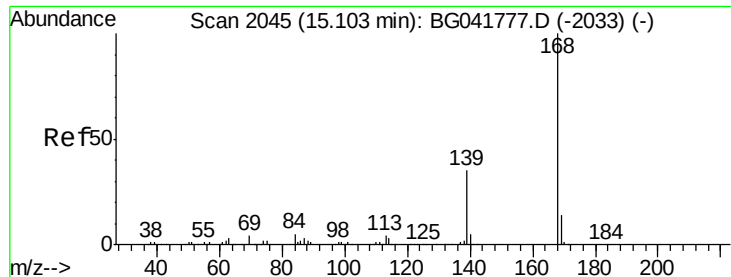


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

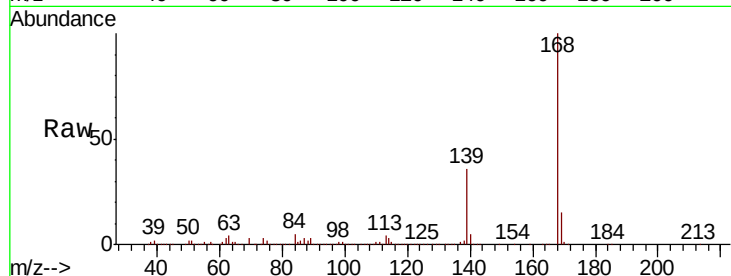




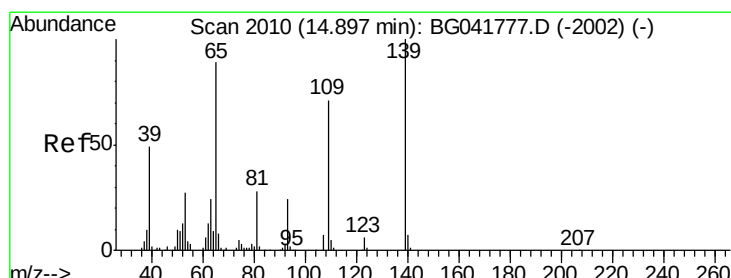
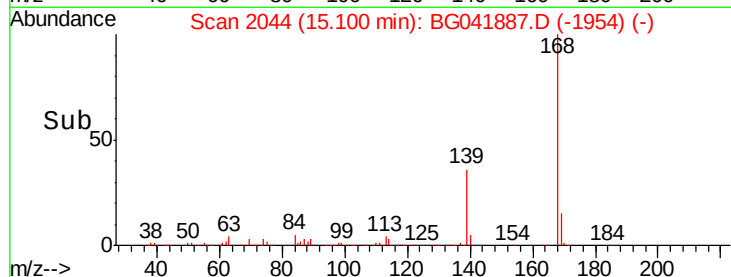
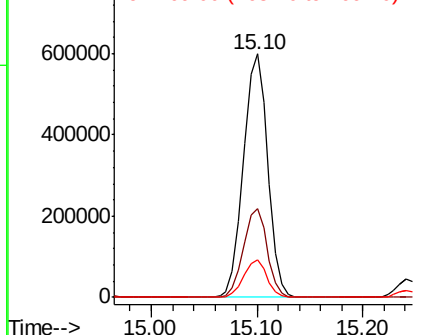
#55
Dibenzenofuran
Concen: 43.833 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 955681
Ion Ratio Lower Upper
168 100
139 36.4 31.9 47.9
169 15.3 12.5 18.7

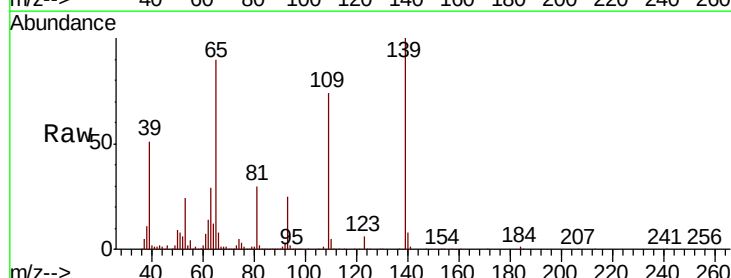


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

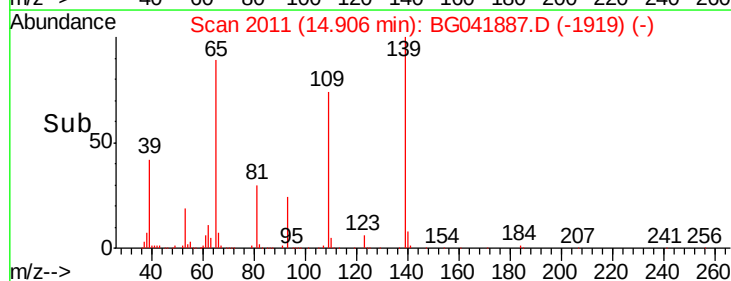
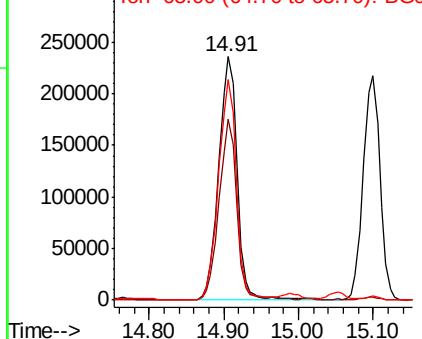


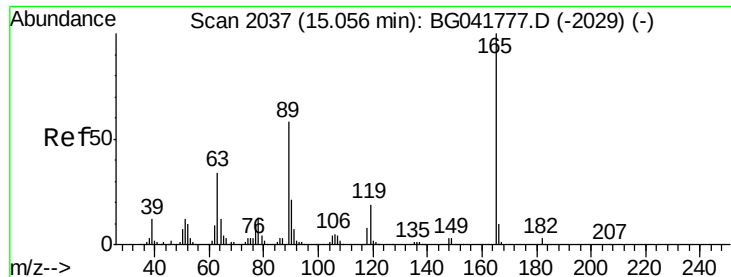
#56
4-Nitrophenol
Concen: 131.624 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion:139 Resp: 408638
Ion Ratio Lower Upper
139 100
109 74.2 51.3 91.3
65 90.5 77.6 117.6



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

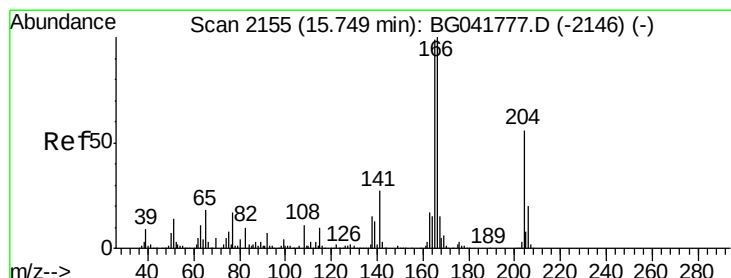
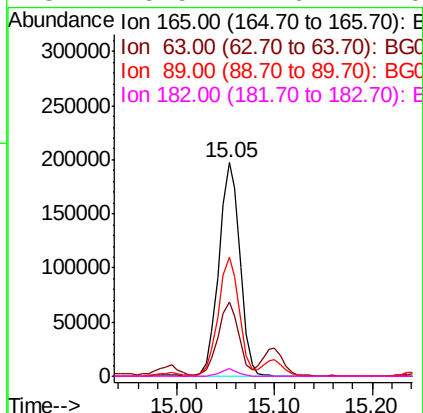
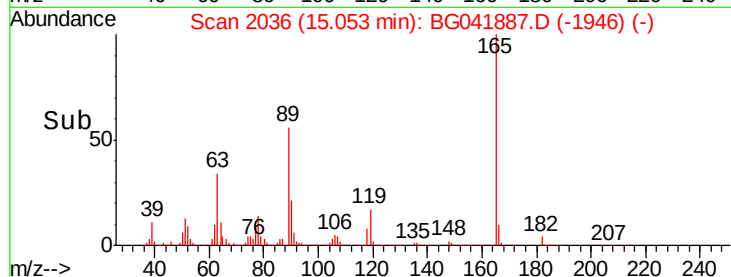
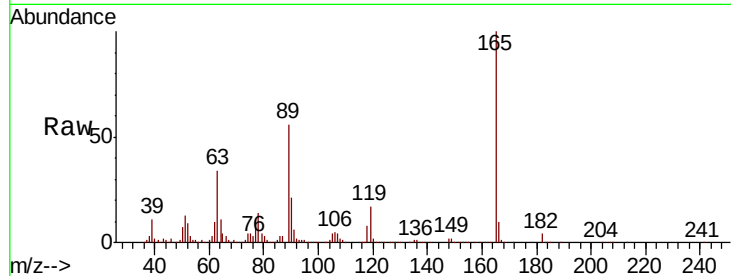




#57
2,4-Dinitrotoluene
Concen: 55.955 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

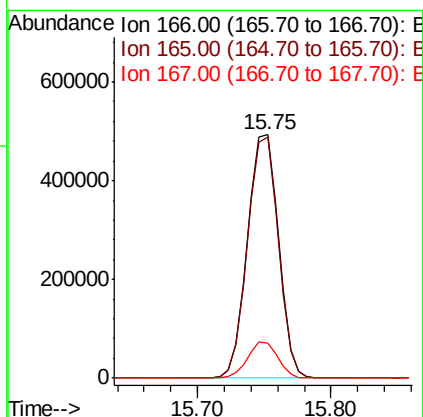
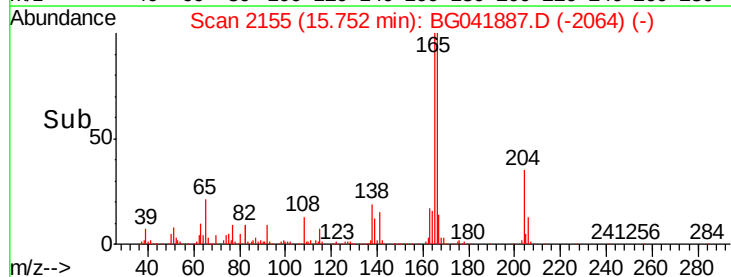
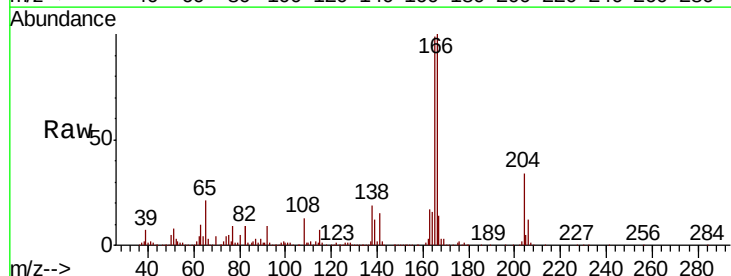
Instrument :
BNA_G
ClientSampled :

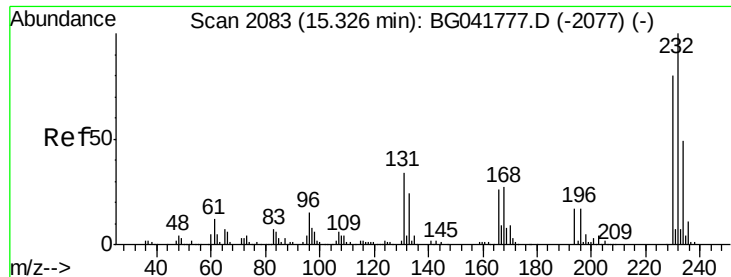
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.5	31.7	47.5
89	55.9	50.2	75.4
182	3.5	2.6	4.0



#58
Fluorene
Concen: 45.170 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.5	120.7
167	14.4	12.4	18.6

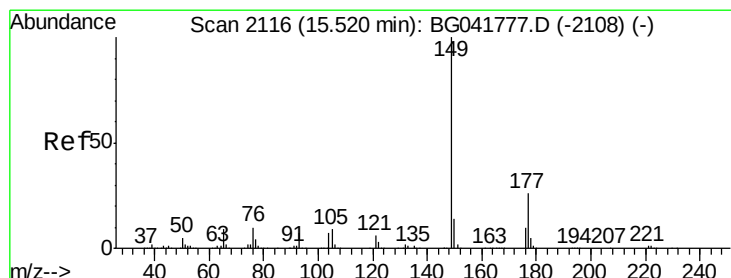
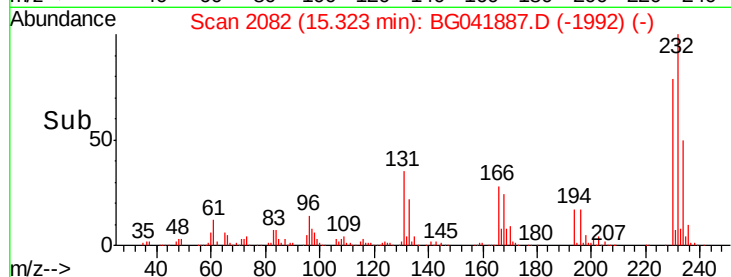
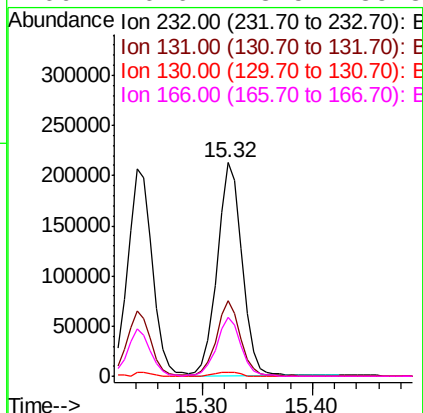
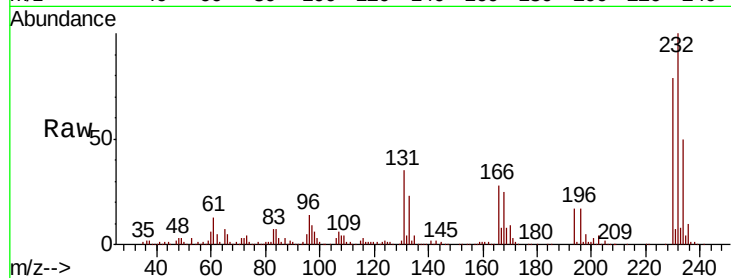




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 60.252 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

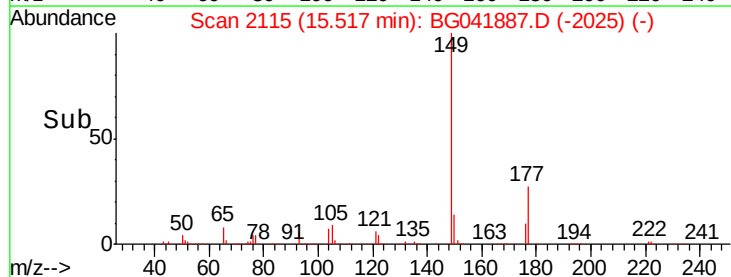
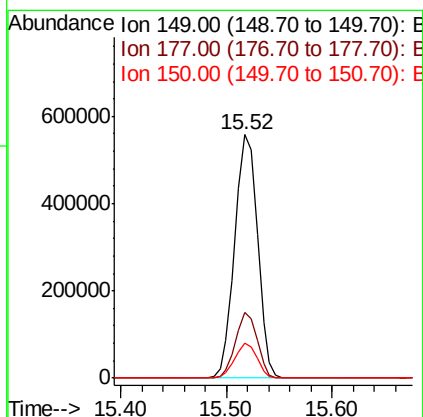
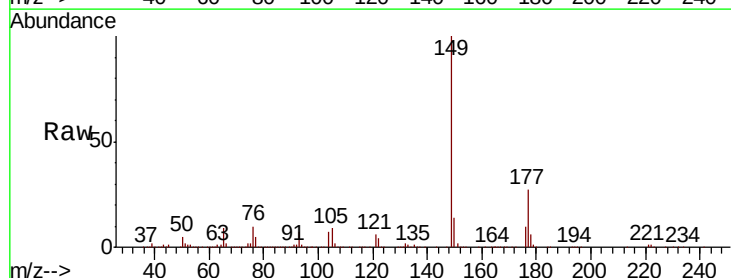
Instrument :
 BNA_G
 ClientSampleId :

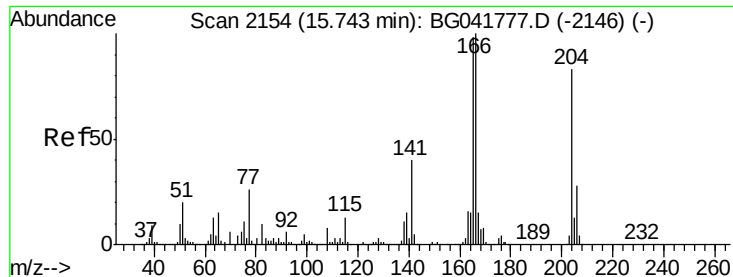
Tot Ion:	232	Resp:	332138
Ion	Ratio	Lower	Upper
232	100		
131	33.8	31.8	47.6
130	1.9	1.8	2.8
166	26.6	23.5	35.3



#60
 Diethylphthalate
 Concen: 46.261 ng
 RT: 15.52 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Tgt Ion:	149	Resp:	830373
Ion	Ratio	Lower	Upper
149	100		
177	26.8	20.7	31.1
150	14.2	11.5	17.3

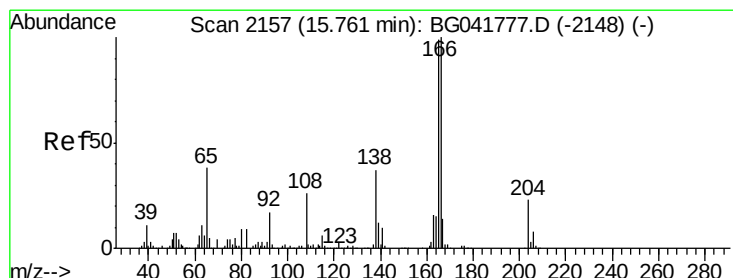
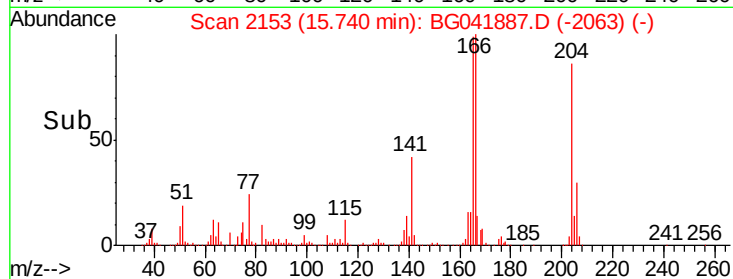
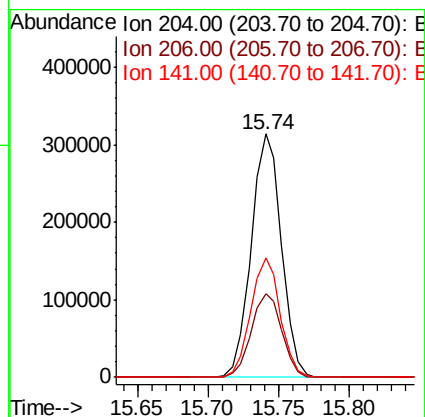
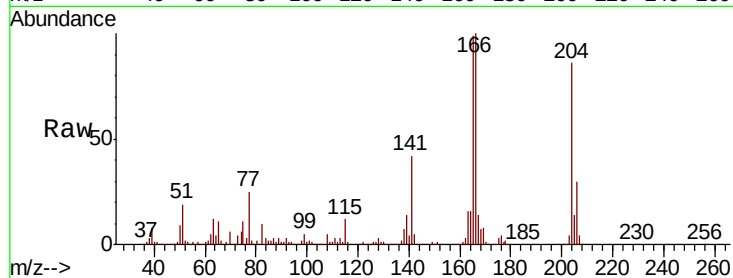




#61
 4-Chlorophenyl-phenylether
 Concen: 43.999 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

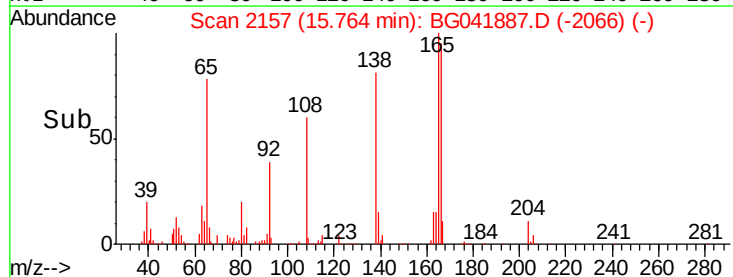
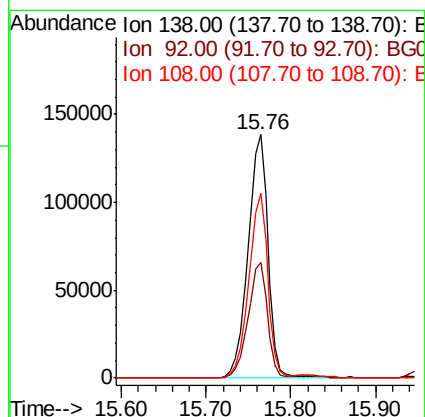
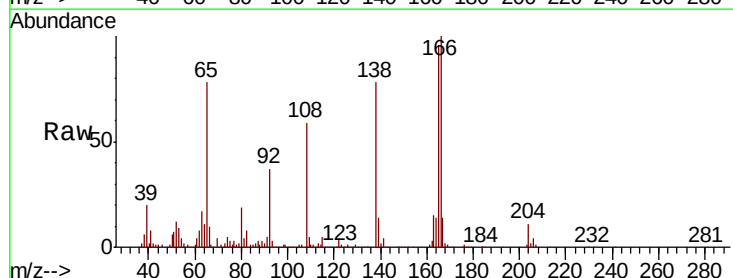
Instrument :
 BNA_G
 ClientSampled :

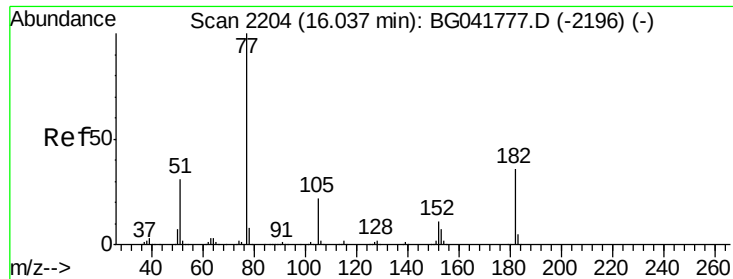
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	28.6	42.8
141	48.9	42.9	64.3



#62
 4-Nitroaniline
 Concen: 51.432 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	29.8	69.8
108	75.8	52.2	92.2

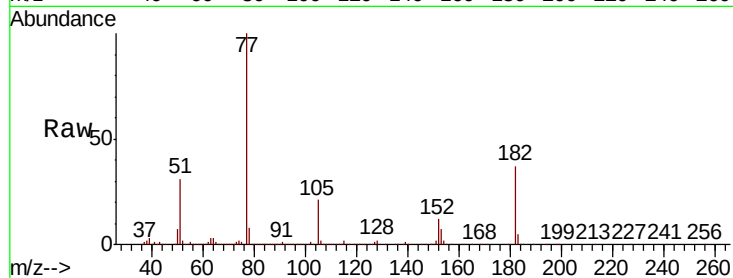




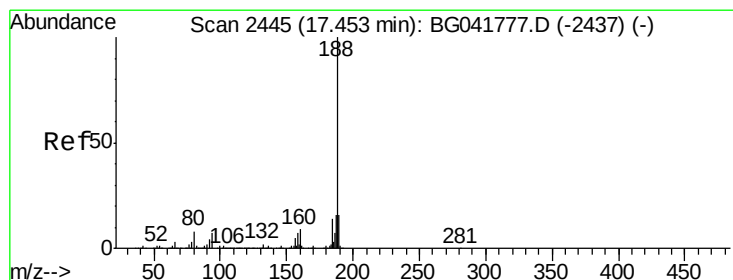
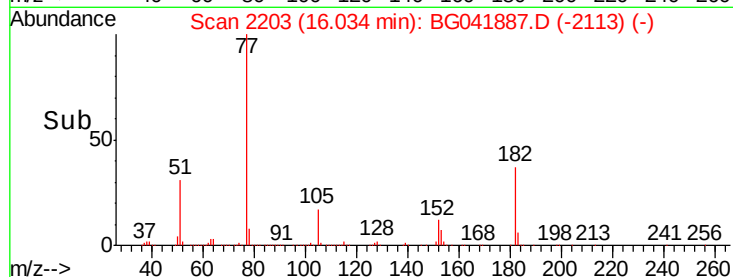
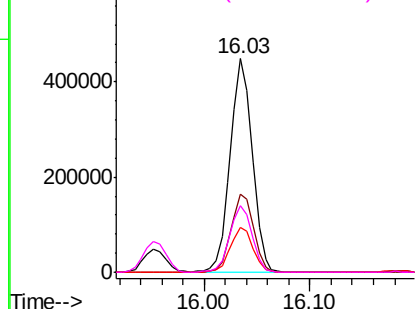
#63
Azobenzene
Concen: 43.945 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	644356
Ion	Ratio	Lower	Upper
77	100		
182	36.5	13.2	53.2
105	21.2	2.2	42.2
51	31.4	14.6	54.6

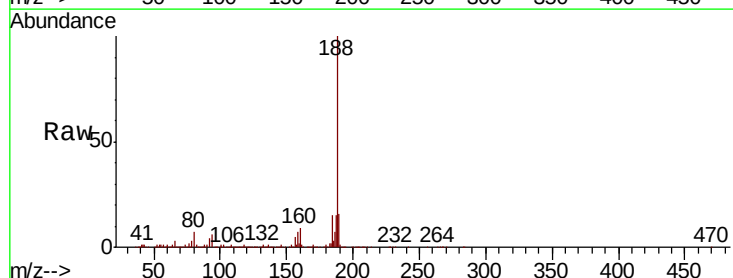


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

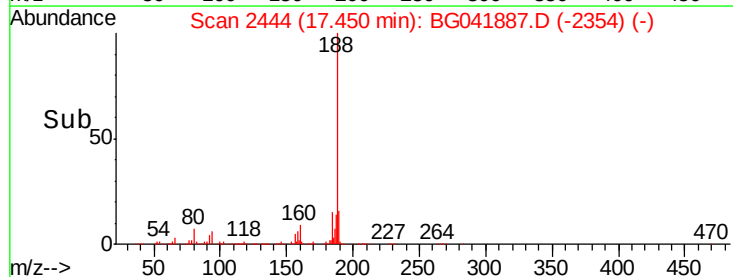
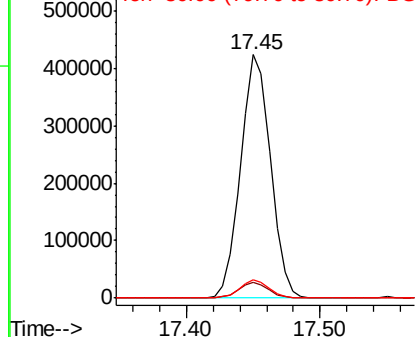


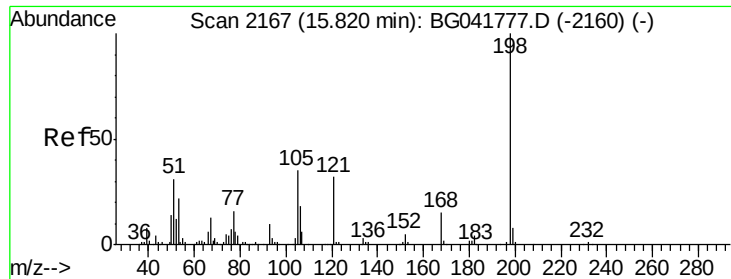
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion:	188	Resp:	655185
Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.5	8.0	12.0#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 50.384 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

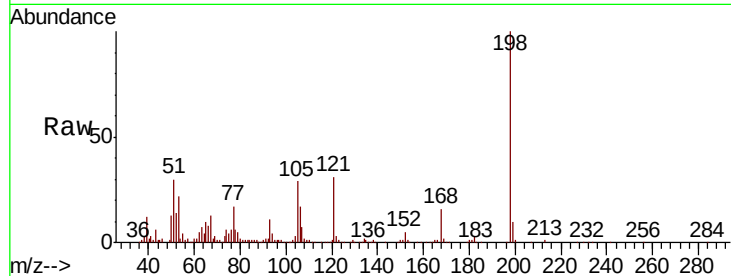
Tot Ion:198 Resp: 162841

Ion Ratio Lower Upper

198 100

51 30.4 22.3 62.3

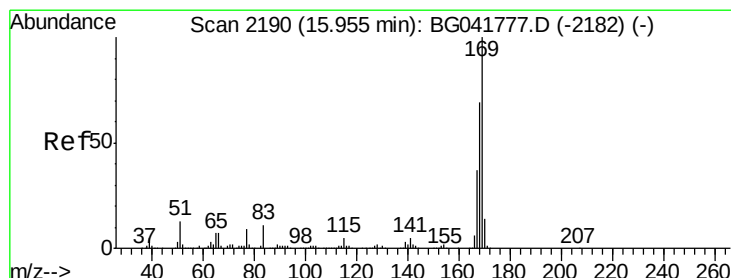
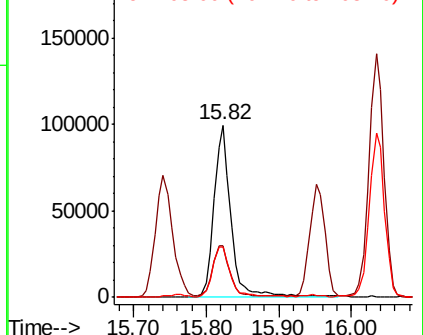
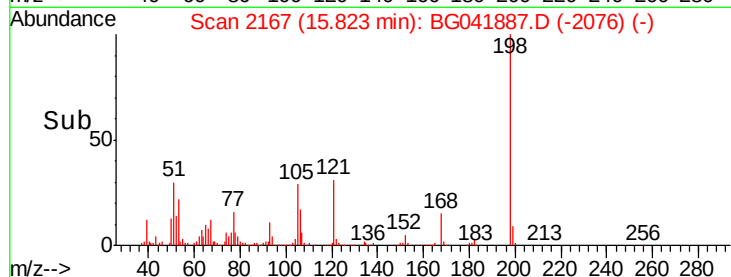
105 29.3 18.0 58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.454 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

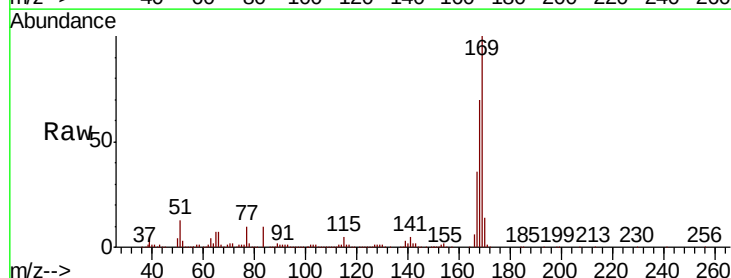
Tgt Ion:169 Resp: 775507

Ion Ratio Lower Upper

169 100

168 69.6 56.9 85.3

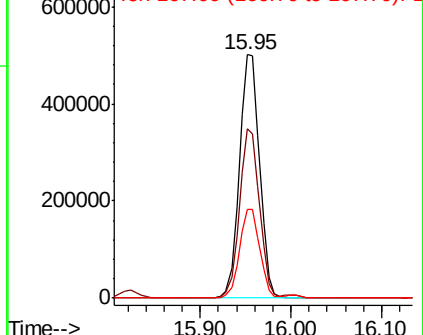
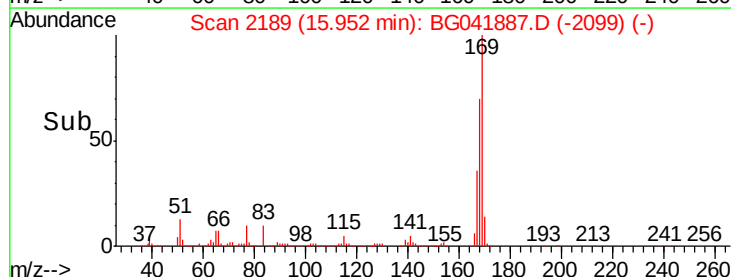
167 36.3 31.5 47.3

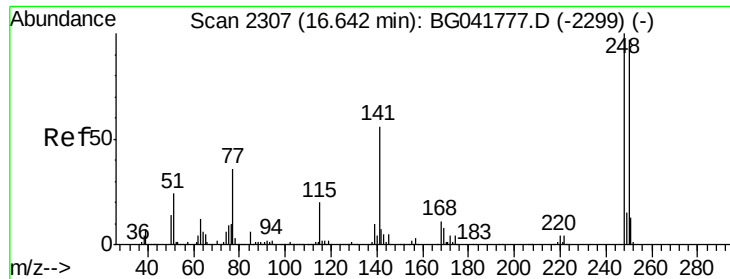


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

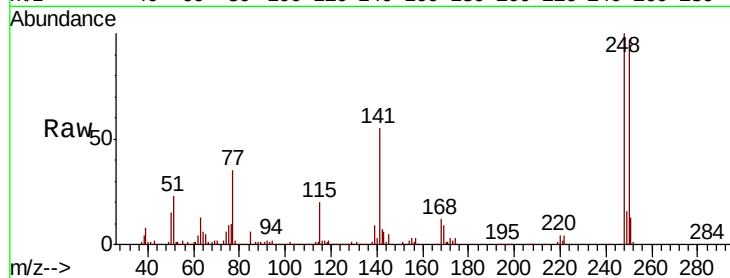




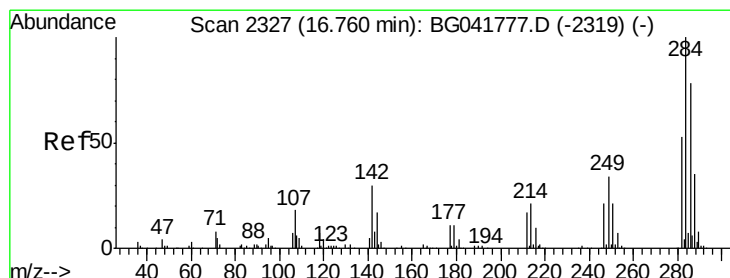
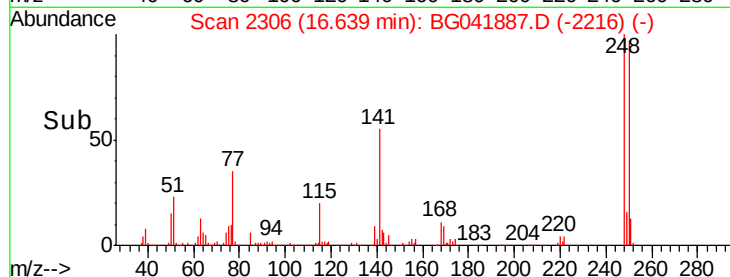
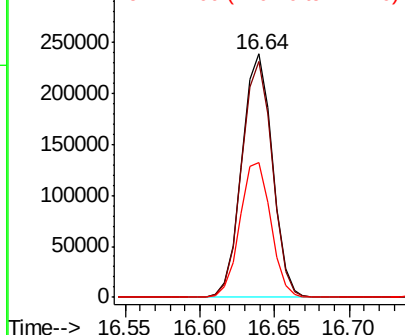
#67
4-Bromophenyl-phenylether
Concen: 41.744 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 336903
Ion Ratio Lower Upper
248 100
250 97.1 78.1 117.1
141 55.3 49.6 74.4

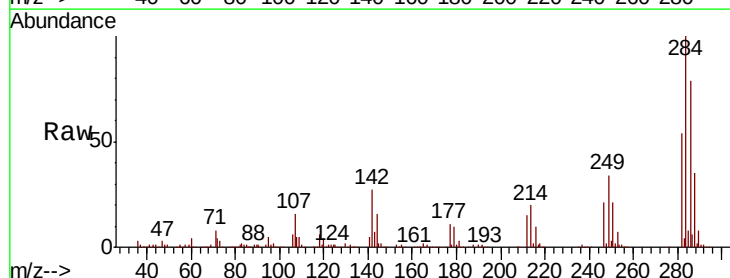


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

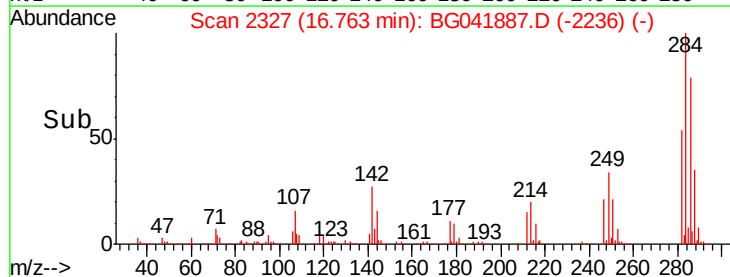
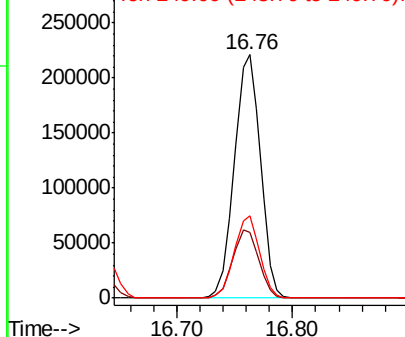


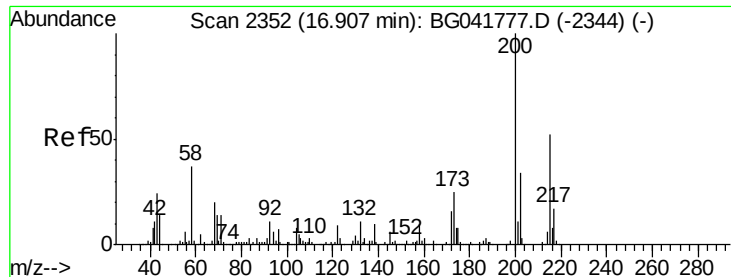
#68
Hexachlorobenzene
Concen: 40.907 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion:284 Resp: 345391
Ion Ratio Lower Upper
284 100
142 26.8 27.0 40.6#
249 33.7 28.4 42.6



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

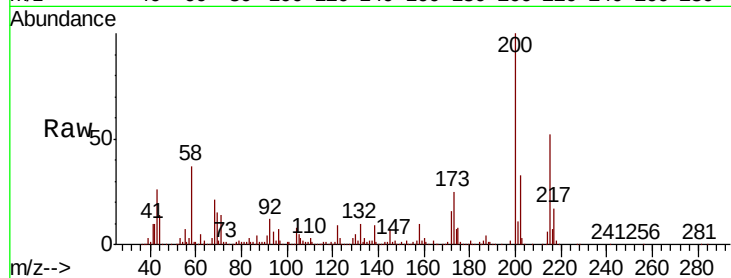




#69
 Atrazine
 Concen: 45.534 ng
 RT: 16.90 min Scan# 2351
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.3	45.3
215	52.3	31.8	71.8

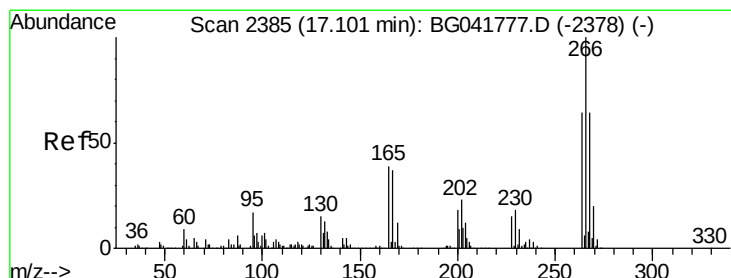
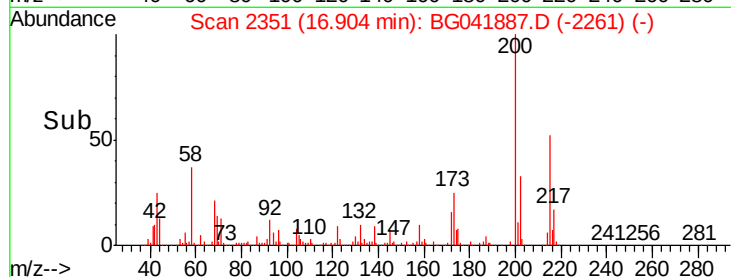
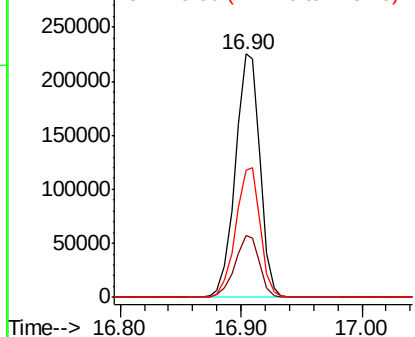


Abundance

Ion 200.00 (199.70 to 200.70): E

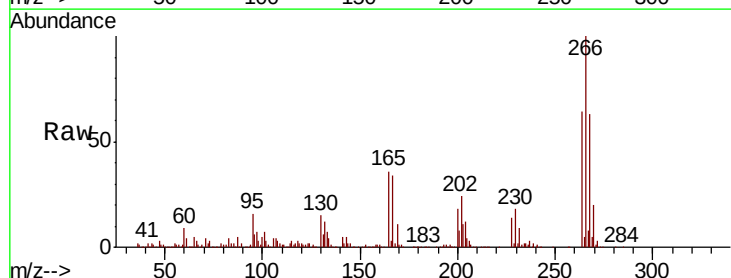
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 93.446 ng
 RT: 17.10 min Scan# 2385
 Delta R.T. 0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	52.9	79.3
264	63.6	51.4	77.2

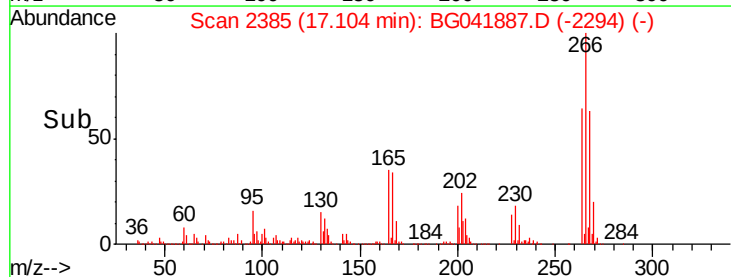
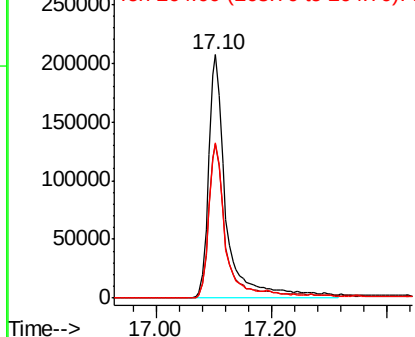


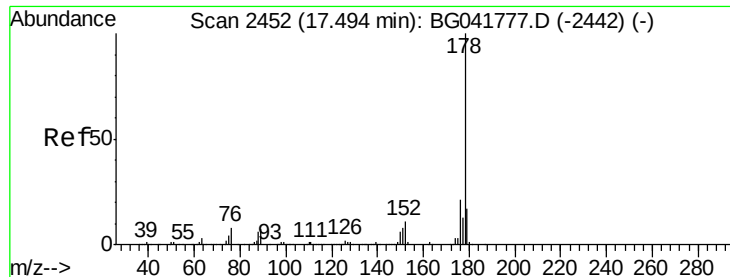
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

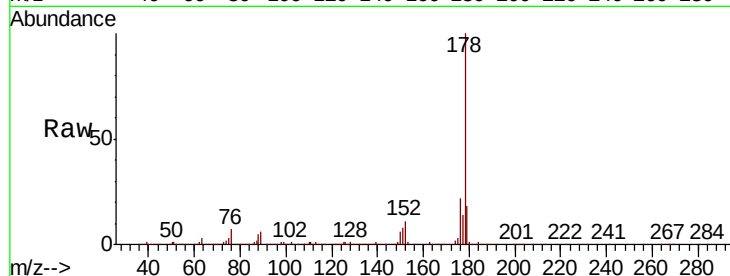




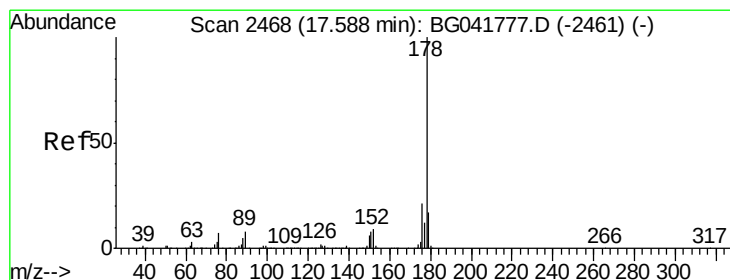
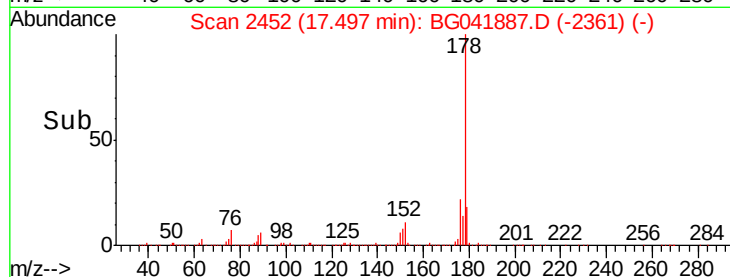
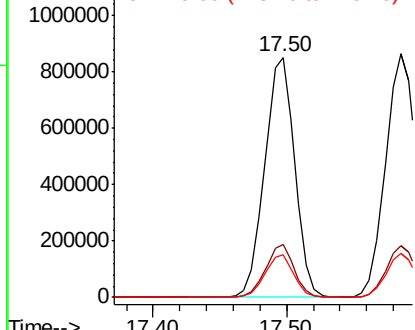
#71
Phenanthrene
Concen: 42.229 ng
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 1326211
Ion Ratio Lower Upper
178 100
176 21.8 18.6 28.0
179 17.8 15.4 23.0

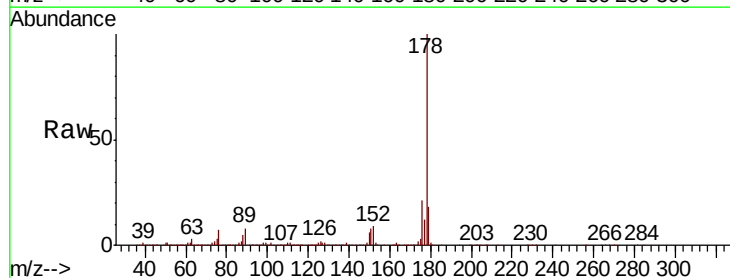


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

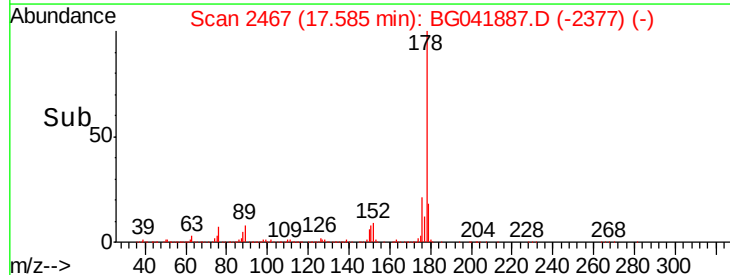
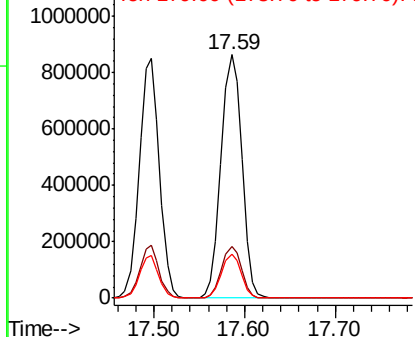


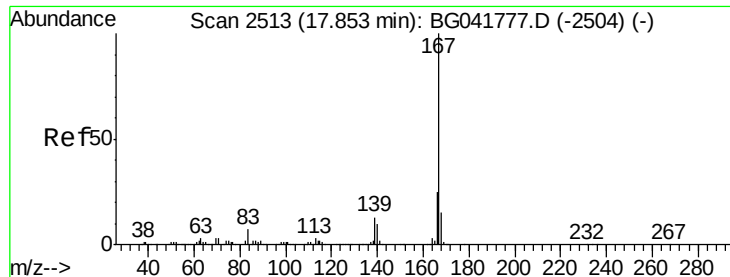
#72
Anthracene
Concen: 44.026 ng
RT: 17.59 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion:178 Resp: 1378944
Ion Ratio Lower Upper
178 100
176 21.0 18.6 28.0
179 18.0 15.1 22.7



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



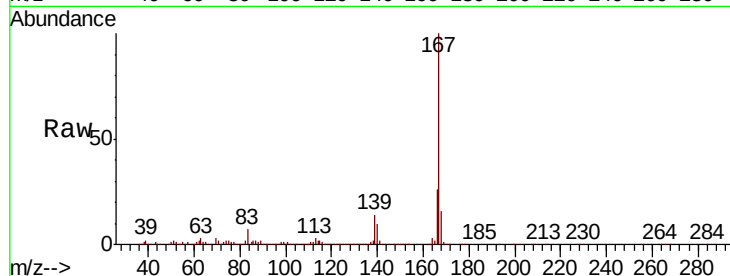


#73
 Carbazole
 Concen: 45.145 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

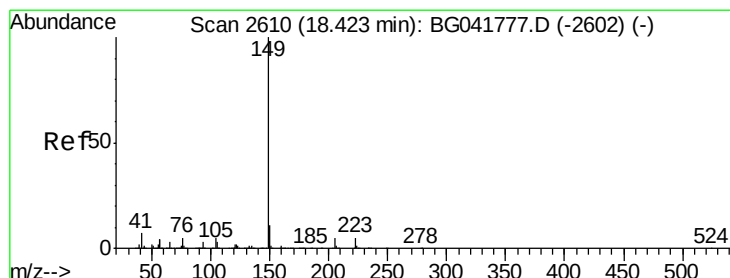
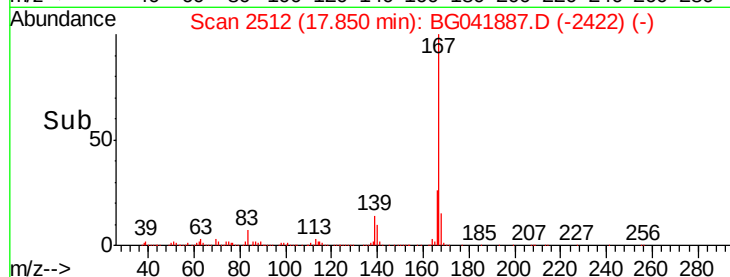
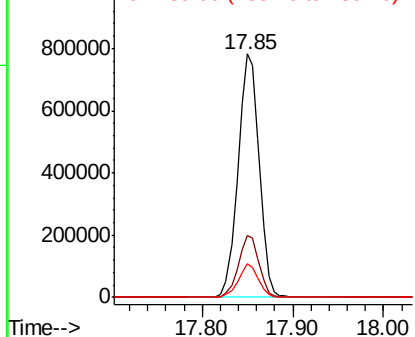
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1269108

Ion	Ratio	Lower	Upper
167	100		
166	25.6	21.4	32.2
139	13.6	12.1	18.1



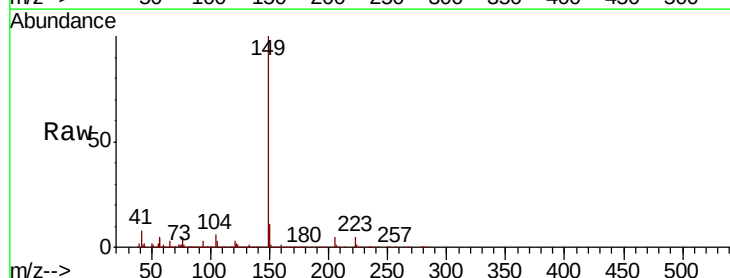
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



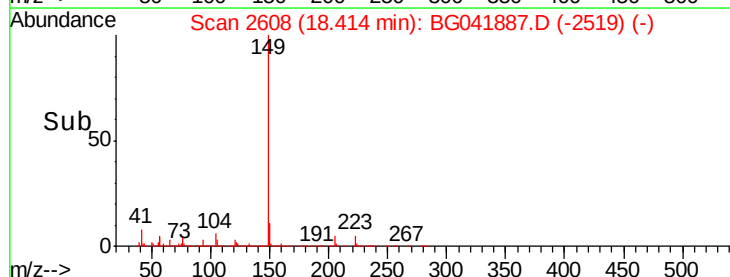
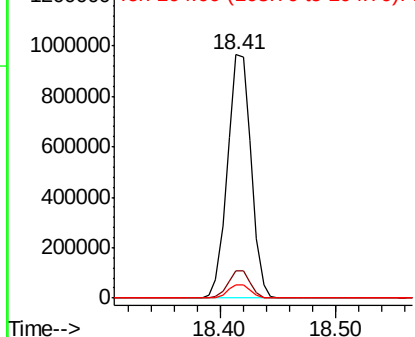
#74
 Di-n-butylphthalate
 Concen: 42.659 ng
 RT: 18.41 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BG041887.D
 Acq: 2 Aug 2019 14:14

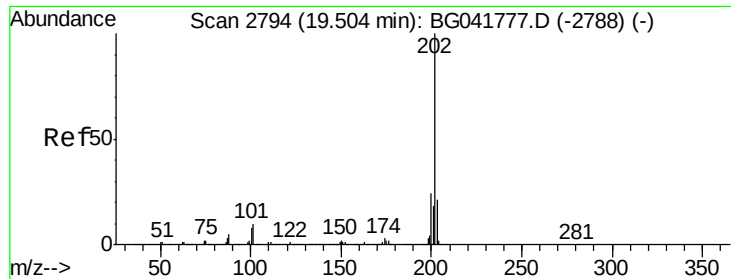
Tgt Ion:149 Resp: 1359563

Ion	Ratio	Lower	Upper
149	100		
150	11.1	10.2	15.2
104	5.6	5.3	7.9



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: 41.797 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

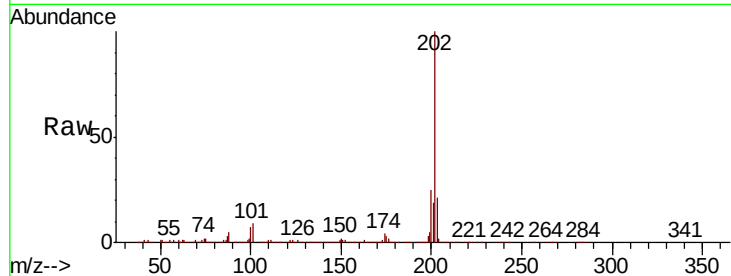
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1595510

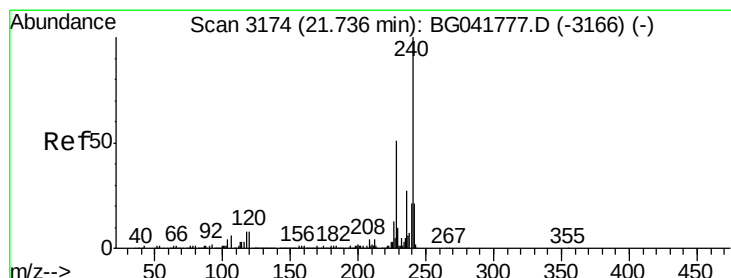
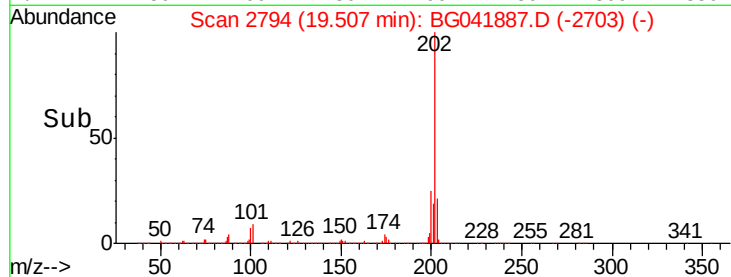
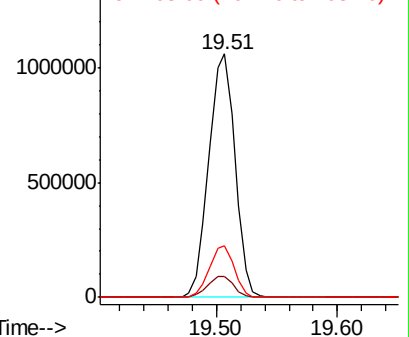
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	32.8
203	21.4	3.7	43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

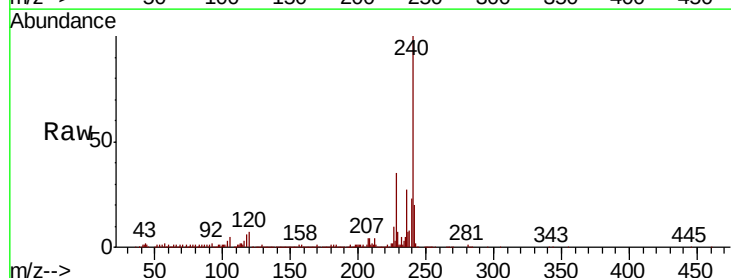
Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Tgt Ion:240 Resp: 684443

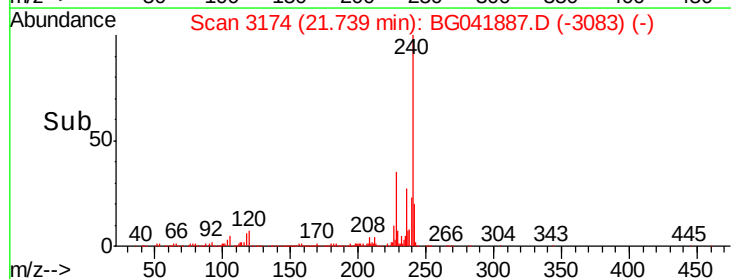
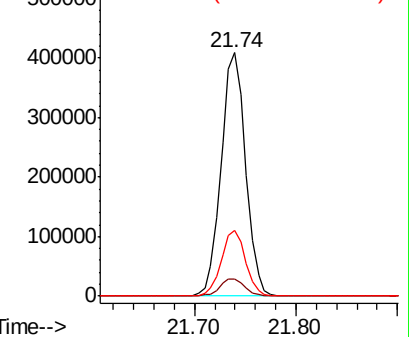
Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.0	12.0#
236	27.0	22.6	33.8

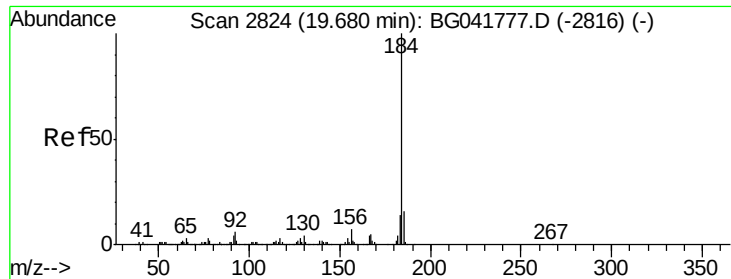


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.665 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampled :

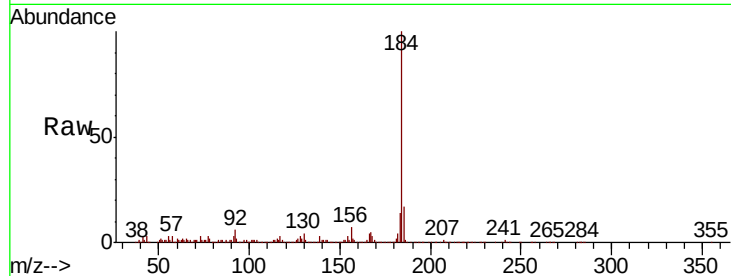
Tot Ion:184 Resp: 640377

Ion Ratio Lower Upper

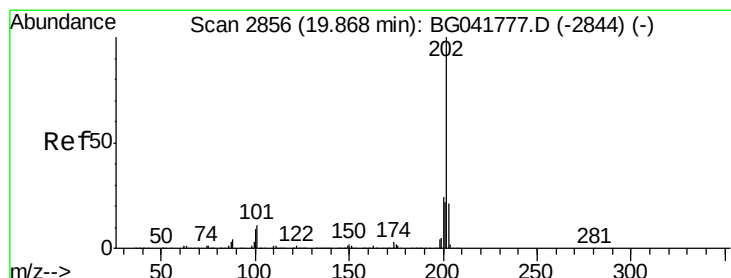
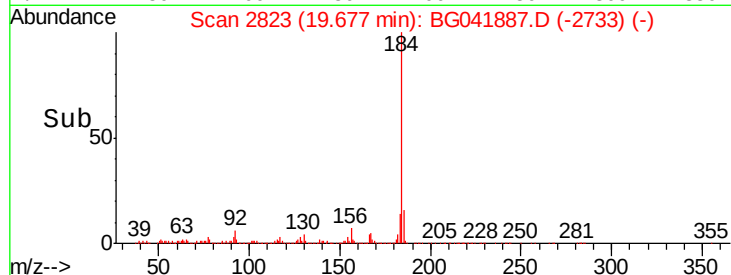
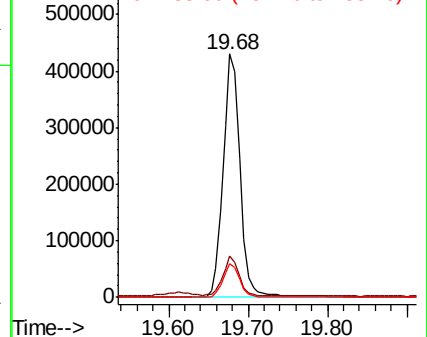
184 100

185 16.8 13.0 19.4

183 13.9 11.8 17.6



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



#78

Pyrene

Concen: 40.248 ng

RT: 19.87 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

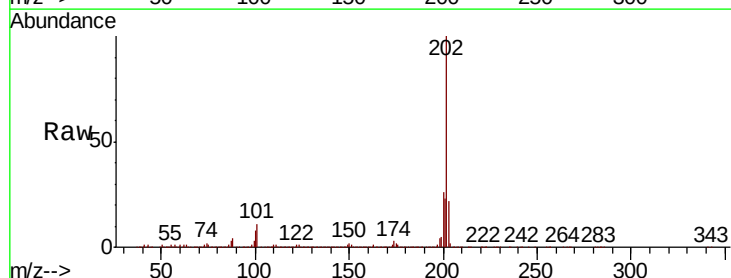
Tgt Ion:202 Resp: 1632133

Ion Ratio Lower Upper

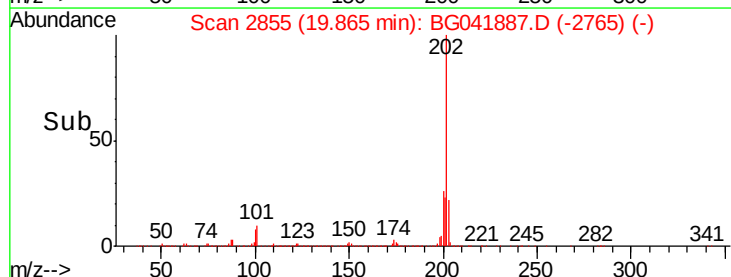
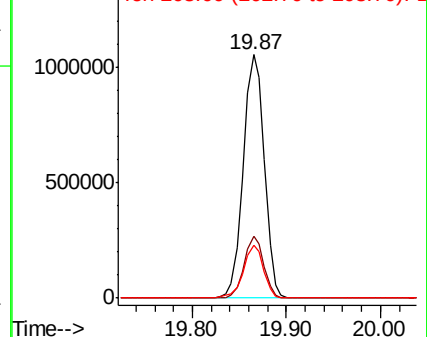
202 100

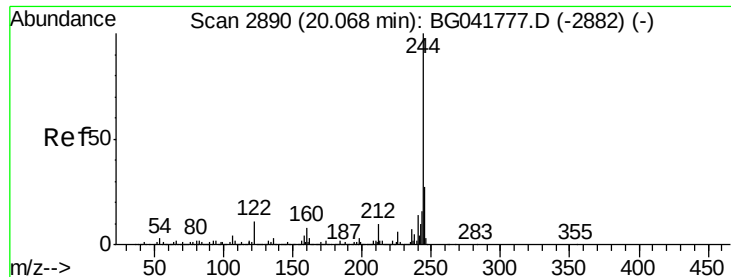
200 25.5 22.2 33.2

203 21.7 18.9 28.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.209 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

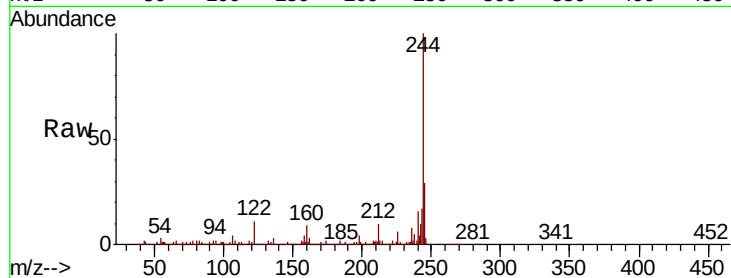
Tot Ion:244 Resp: 2249570

Ion	Ratio	Lower	Upper
244	100		
212	10.5	9.7	14.5
122	10.6	12.5	18.7

244 100

212 10.5 9.7 14.5

122 10.6 12.5 18.7

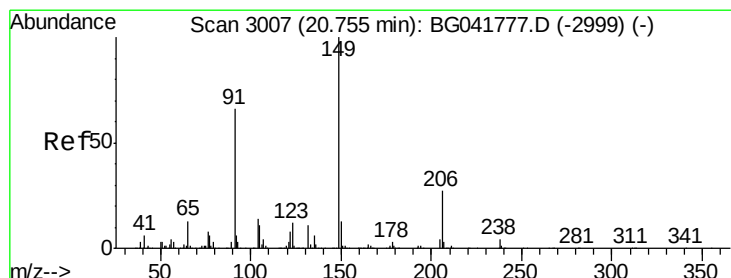
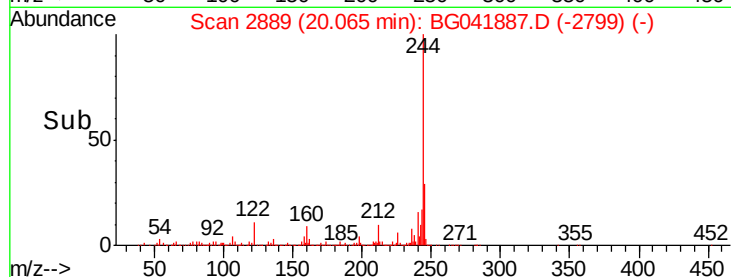
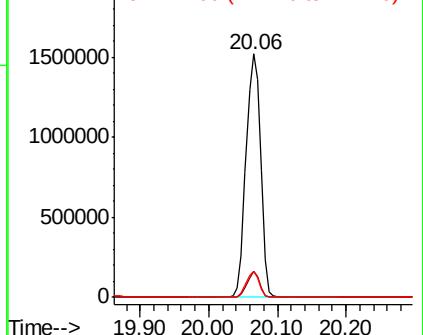


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.056 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

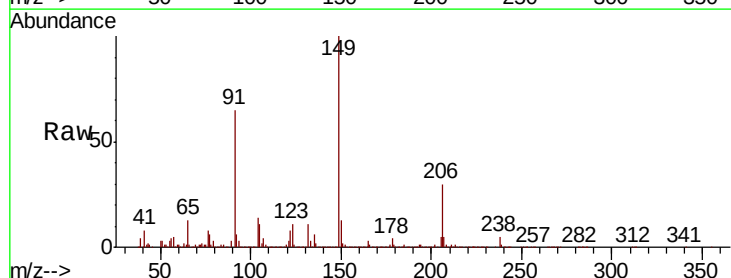
Tgt Ion:149 Resp: 669421

Ion	Ratio	Lower	Upper
149	100		
91	64.9	58.9	88.3
206	30.1	20.8	31.2

149 100

91 64.9 58.9 88.3

206 30.1 20.8 31.2

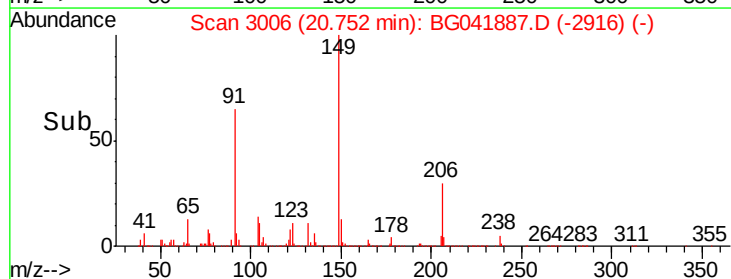
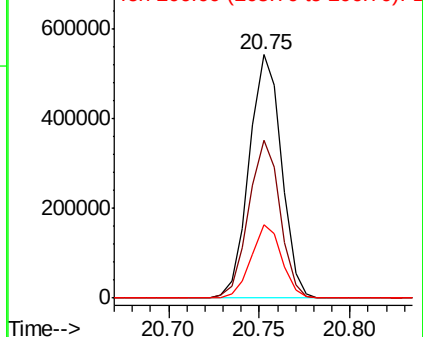


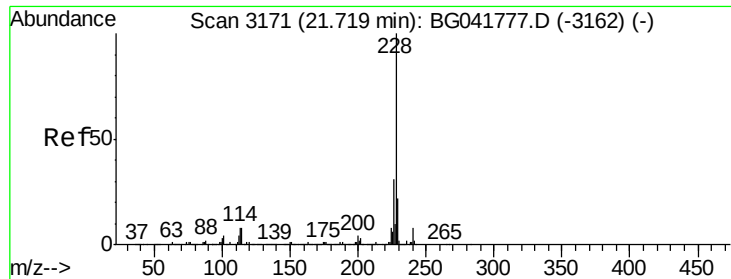
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.126 ng

RT: 21.72 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampled :

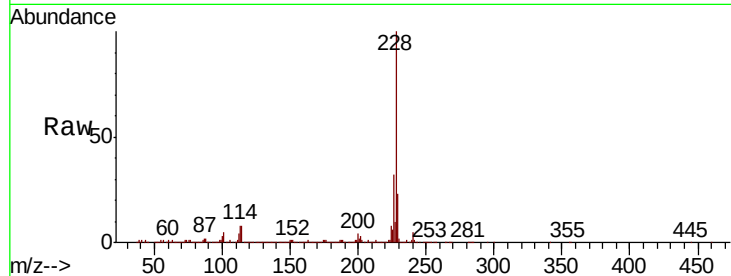
Tot Ion:228 Resp: 1665387

Ion	Ratio	Lower	Upper
228	100		
226	31.8	27.3	40.9
229	23.2	19.7	29.5

228 100

226 31.8 27.3 40.9

229 23.2 19.7 29.5

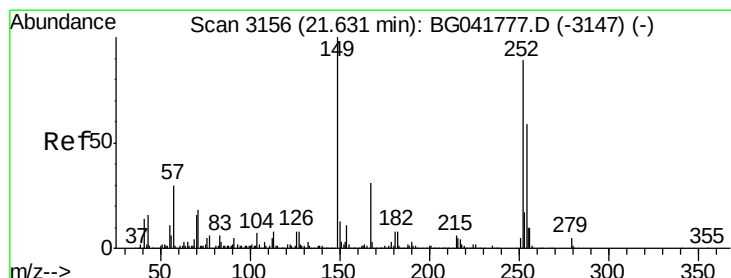
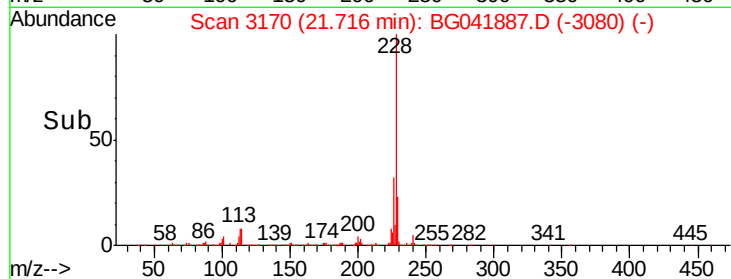
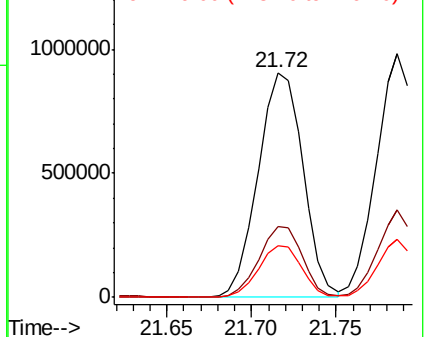


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.790 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

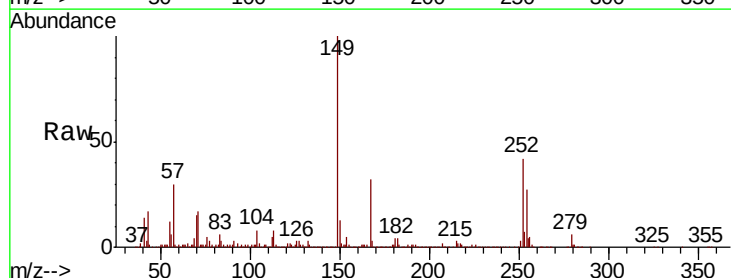
Tgt Ion:252 Resp: 419303

Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.8	80.6
126	8.3	7.8	11.8

252 100

254 64.9 53.8 80.6

126 8.3 7.8 11.8

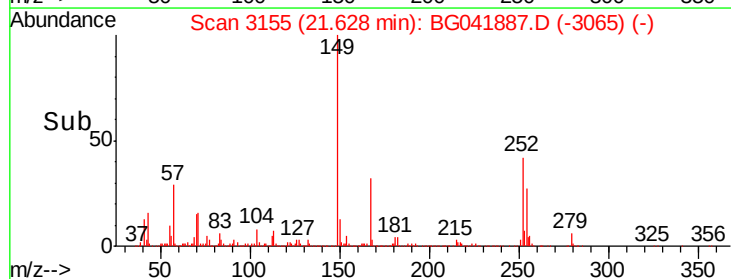
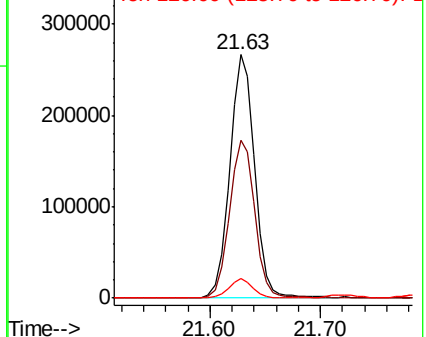


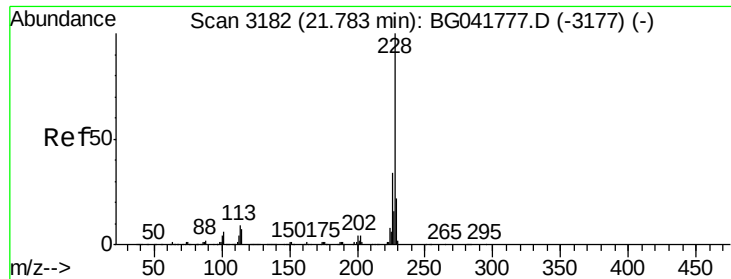
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.629 ng

RT: 21.79 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

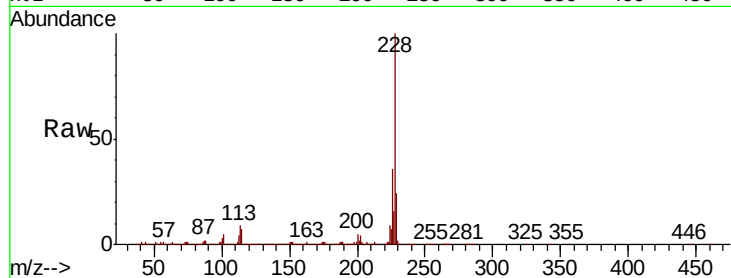
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1615906

Ion	Ratio	Lower	Upper
228	100		
226	35.9	30.1	45.1
229	24.0	19.8	29.6

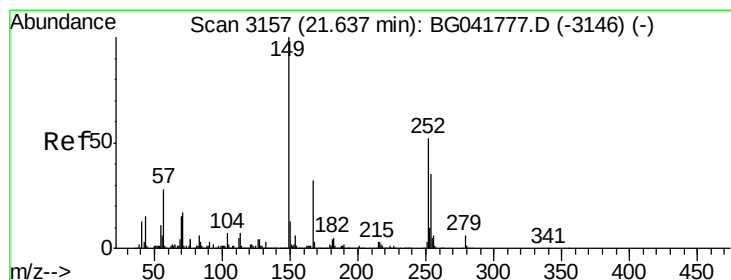
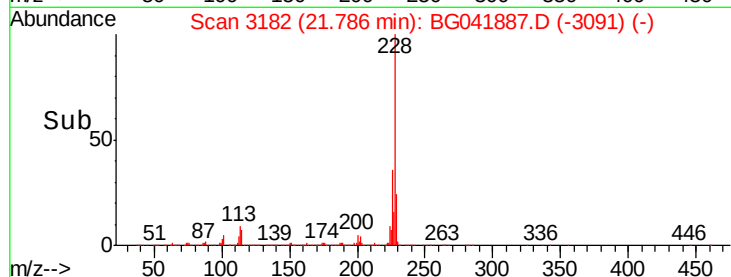
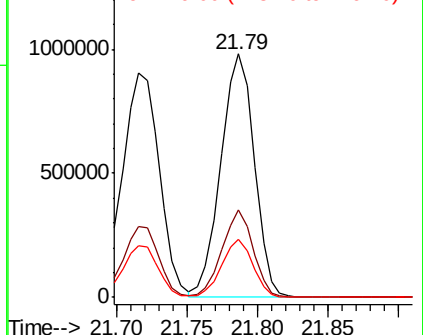


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.553 ng

RT: 21.63 min Scan# 3156

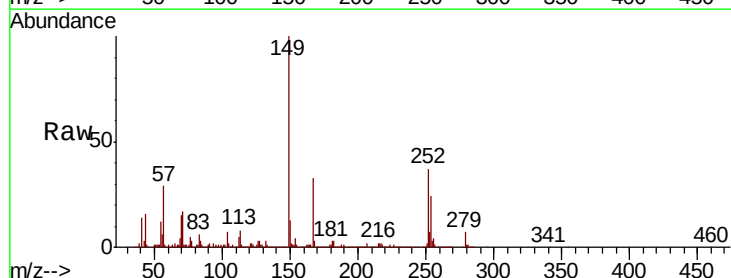
Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Tgt Ion:149 Resp: 955511

Ion	Ratio	Lower	Upper
149	100		
167	32.9	27.0	40.4
279	7.4	5.0	7.6

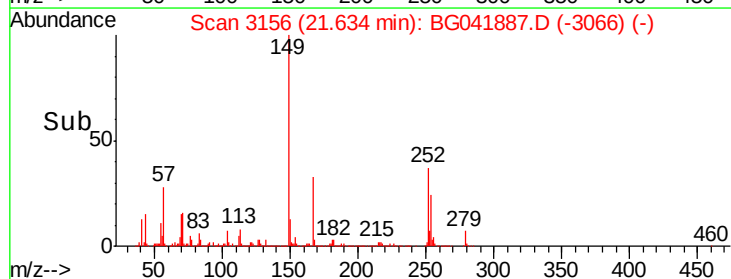
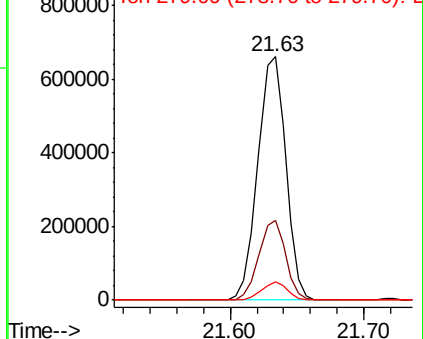


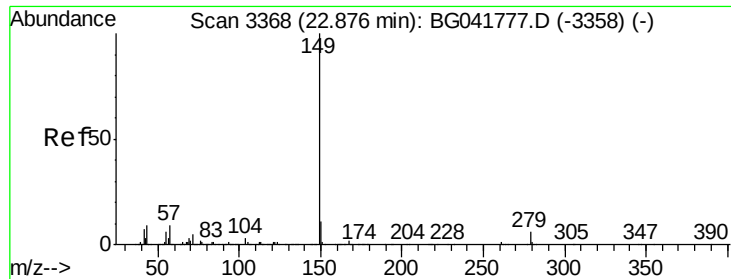
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.557 ng

RT: 22.87 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampled :

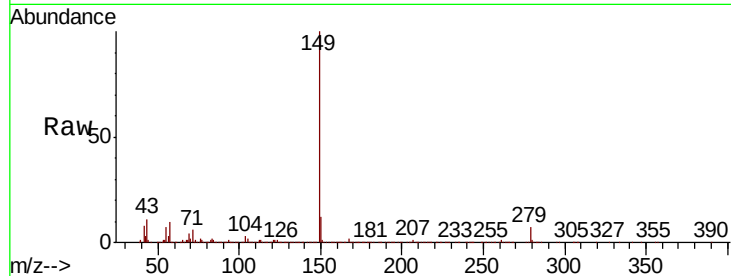
Tot Ion:149 Resp: 1644332

Ion Ratio Lower Upper

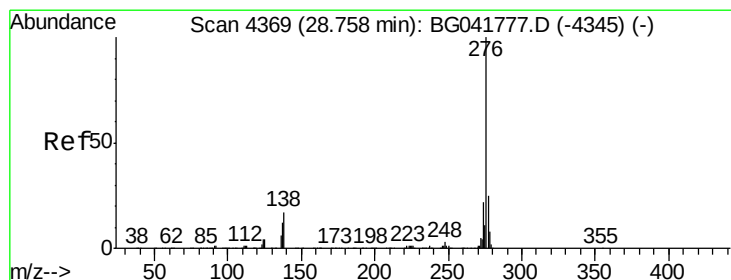
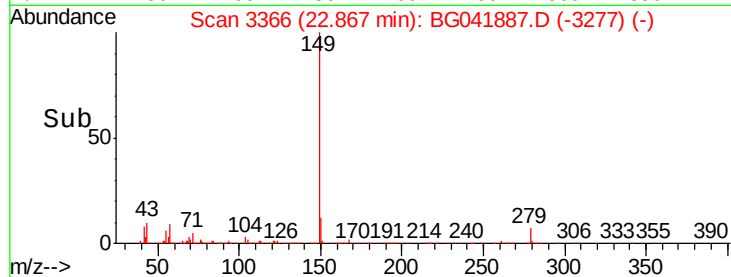
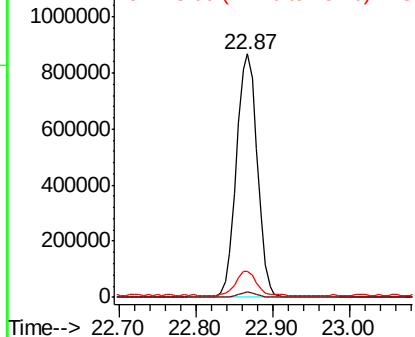
149 100

167 1.9 1.6 2.4

43 9.8 10.6 16.0#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.737 ng

RT: 28.76 min Scan# 4369

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

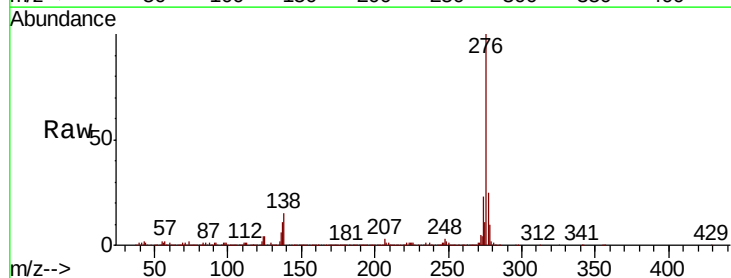
Tgt Ion:276 Resp: 2196043

Ion Ratio Lower Upper

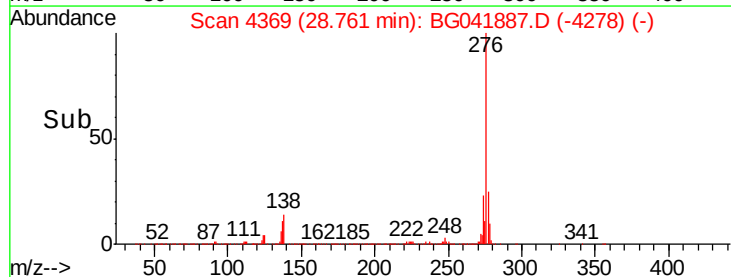
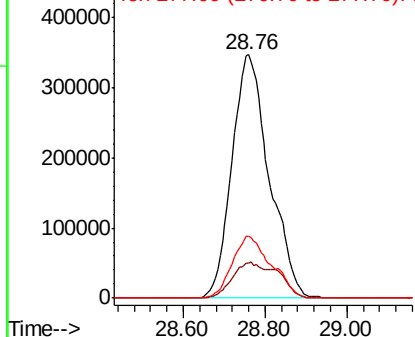
276 100

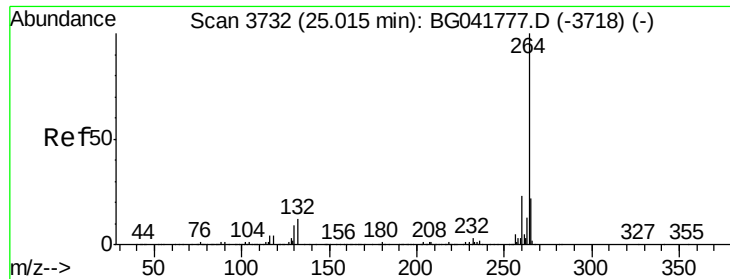
138 11.9 19.4 29.0#

277 26.6 21.2 31.8



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

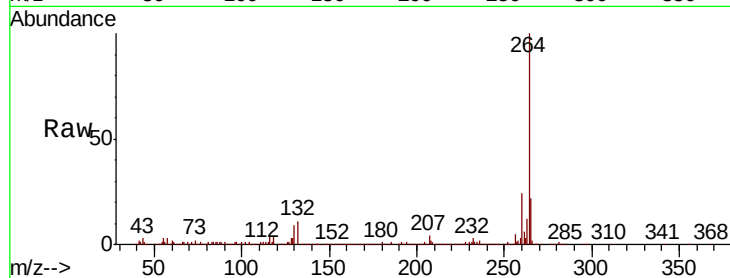




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.4	18.0	27.0

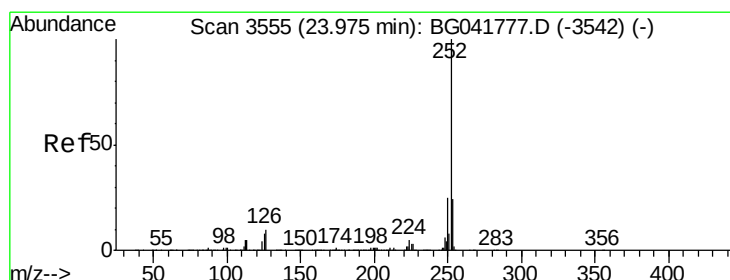
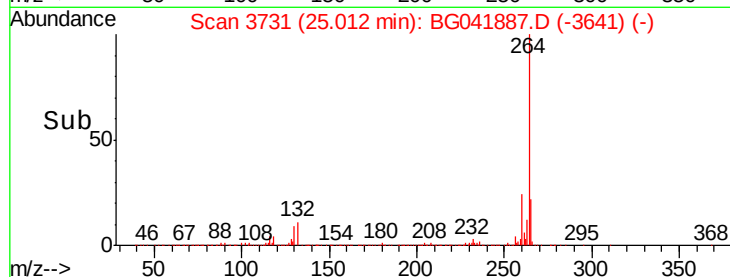
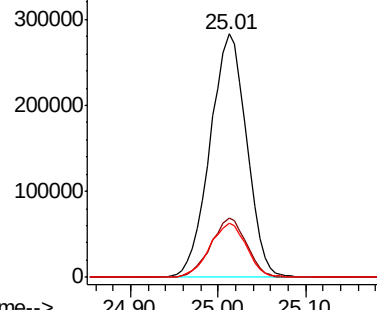


Abundance

Ion 264.00 (263.70 to 264.70): E

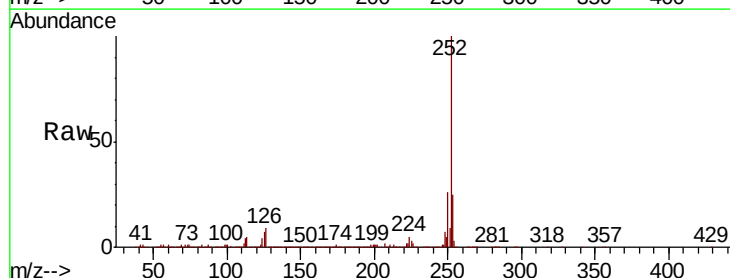
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 41.659 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG041887.D
Acq: 2 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.6	30.8
125	7.1	8.0	12.0#

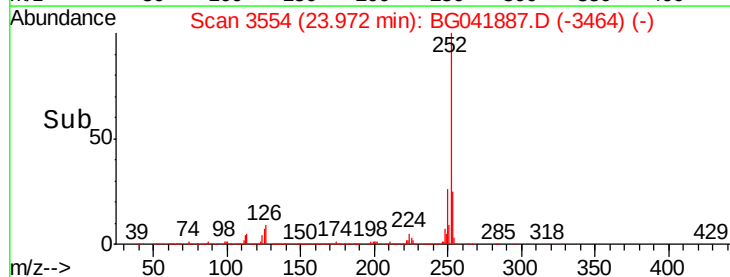
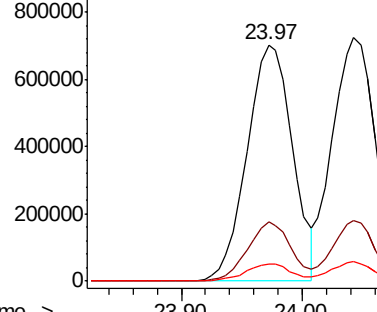


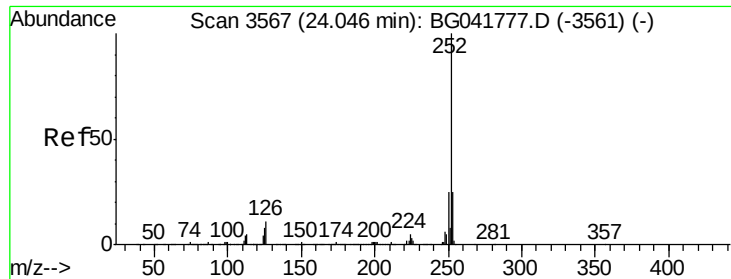
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.794 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

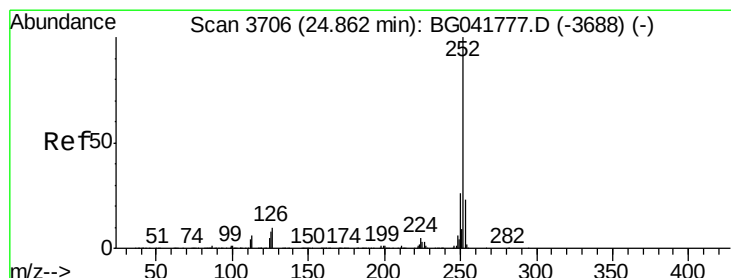
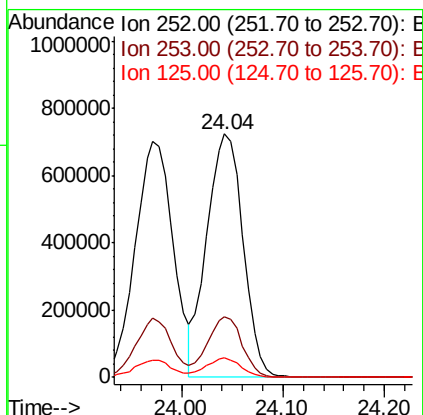
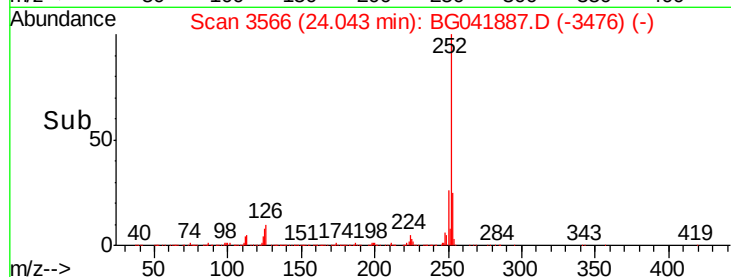
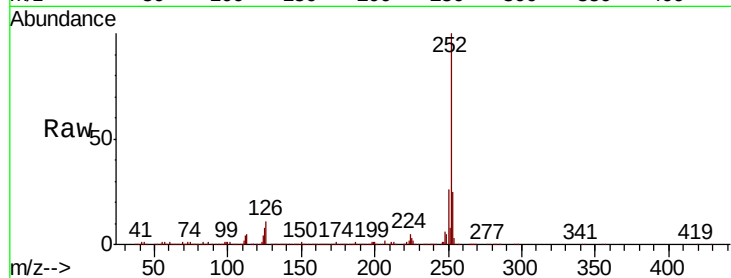
Tot Ion:252 Resp: 1790963

Ion Ratio Lower Upper

252 100

253 24.9 20.5 30.7

125 7.8 8.4 12.6#



#90

Benzo(a)pyrene

Concen: 42.989 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

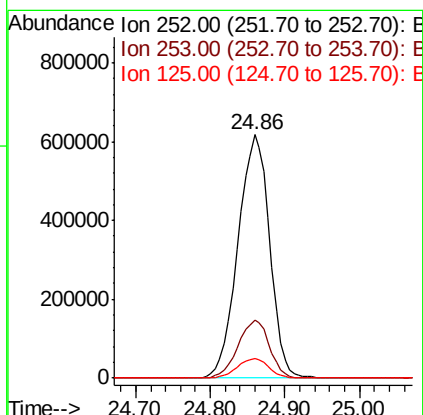
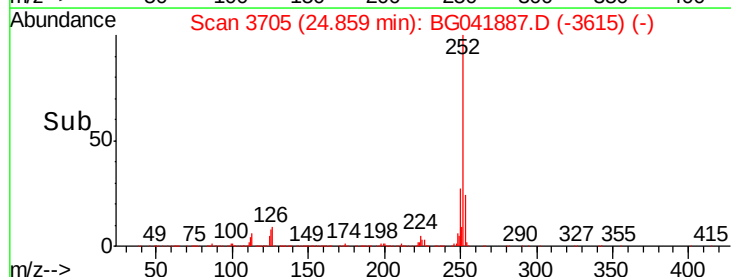
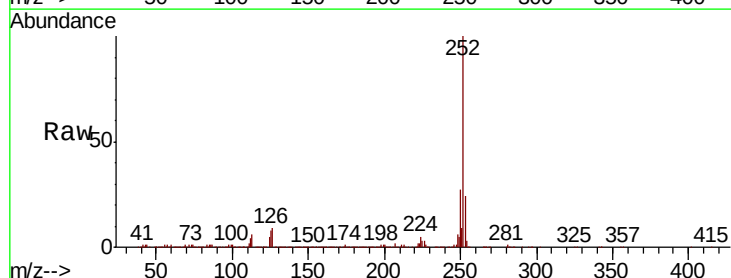
Tgt Ion:252 Resp: 1813756

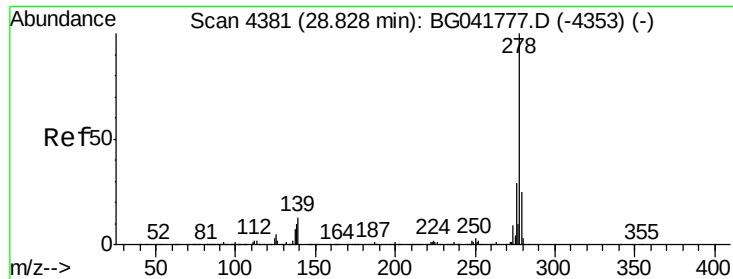
Ion Ratio Lower Upper

252 100

253 23.7 19.8 29.8

125 7.9 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 43.839 ng

RT: 28.83 min Scan# 4381

Delta R.T. 0.00 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

Instrument :

BNA_G

ClientSampleId :

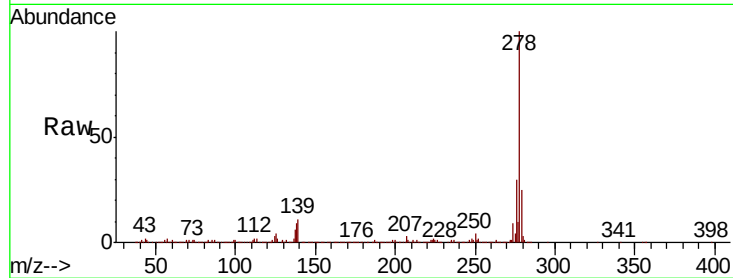
Tot Ion:278 Resp: 1816157

Ion Ratio Lower Upper

278 100

139 10.8 12.6 19.0#

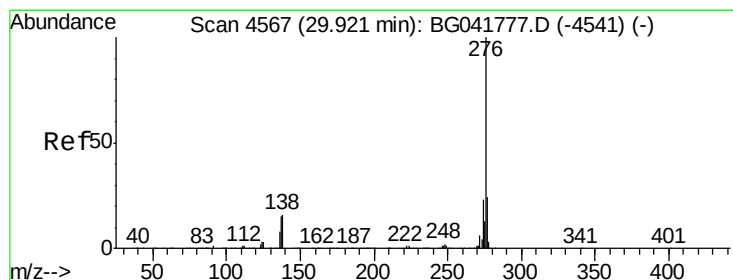
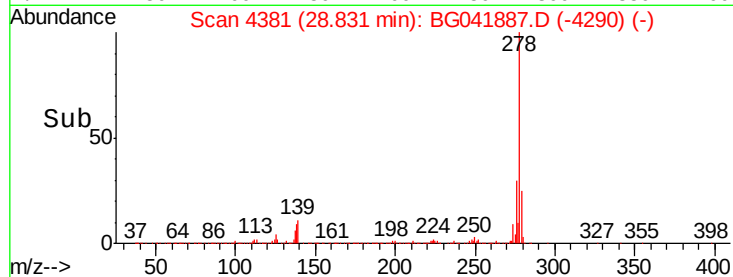
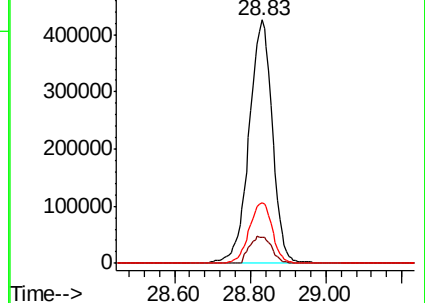
279 25.0 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.633 ng

RT: 29.94 min Scan# 4569

Delta R.T. 0.01 min

Lab File: BG041887.D

Acq: 2 Aug 2019 14:14

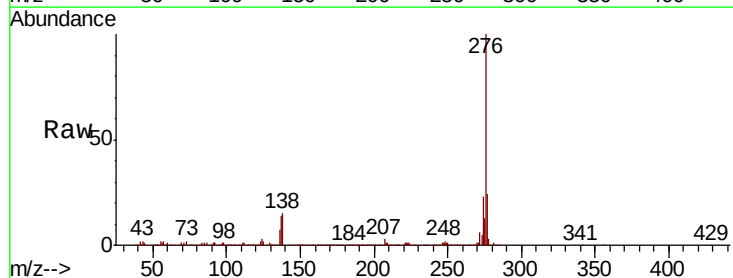
Tgt Ion:276 Resp: 1805931

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 14.9 16.6 25.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

