

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042780.D
 Acq On : 12 Sep 2019 13:05
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 13:40:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 12:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	90486	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	360385	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	250392	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	578003	20.00	ng	0.00
76) Chrysene-d12	21.77	240	542359	20.00	ng	0.01
87) Perylene-d12	25.05	264	613812	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	1002300	190.61	ng	0.00
7) Phenol-d6	7.28	99	1423938	190.38	ng	0.02
23) Nitrobenzene-d5	9.29	82	1413461	237.41	ng	0.01
42) 2,4,6-Tribromophenol	16.23	330	664500	209.62	ng	0.01
45) 2-Fluorobiphenyl	13.38	172	2737178	172.73	ng	0.00
79) Terphenyl-d14	20.10	244	3792001	154.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	225952	94.472	ng	96
3) Pyridine	3.99	79	659256	91.245	ng	97
4) n-Nitrosodimethylamine	3.90	42	352900	99.312	ng	98
6) Aniline	7.45	93	951877	93.434	ng	98
8) 2-Chlorophenol	7.69	128	546934	98.259	ng	95
9) Benzaldehyde	7.26	77	321845	69.468	ng	91
10) Phenol	7.31	94	732729	96.428	ng	96
11) bis(2-Chloroethyl)ether	7.55	93	577334	98.312	ng	96
12) 1,3-Dichlorobenzene	8.02	146	664439	96.660	ng	98
13) 1,4-Dichlorobenzene	8.16	146	666378	97.099	ng	98
14) 1,2-Dichlorobenzene	8.48	146	634144	97.353	ng	98
15) Benzyl Alcohol	8.36	79	631987	98.547	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	1228336	93.079	ng	98
17) 2-Methylphenol	8.56	107	510123	98.722	ng	98
18) Hexachloroethane	9.22	117	250411	99.674	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	538443	97.893	ng	96
20) 3+4-Methylphenols	8.89	107	698480	99.167	ng	96
22) Acetophenone	8.95	105	894234	97.741	ng	# 98
24) Nitrobenzene	9.33	77	751075	116.709	ng	96
25) Isophorone	9.86	82	1406403	97.890	ng	96
26) 2-Nitrophenol	10.04	139	321153	138.242	ng	94
27) 2,4-Dimethylphenol	10.10	122	496969	99.270	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	777835	96.567	ng	98
29) 2,4-Dichlorophenol	10.57	162	580719	101.356	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	708269	99.544	ng	98
31) Naphthalene	10.99	128	1683520	95.477	ng	97
32) Benzoic acid	10.29	122	446566	137.333	ng	96
33) 4-Chloroaniline	11.09	127	818228	97.820	ng	98
34) Hexachlorobutadiene	11.28	225	505694	101.289	ng	96
35) Caprolactam	11.89	113	165350	76.725	ng	100
36) 4-Chloro-3-methylphenol	12.20	107	629993	101.000	ng	98
37) 2-Methylnaphthalene	12.58	142	1285641	96.889	ng	99
38) 1-Methylnaphthalene	12.80	142	1209246	97.508	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	798513	96.247	ng	99

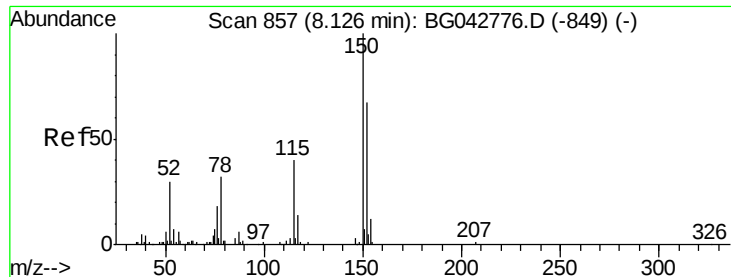
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	501499	104.467	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	525115	100.422	ng	97
44) 2,4,5-Trichlorophenol	13.25	196	545459	100.669	ng	98
46) 1,1'-Biphenyl	13.59	154	1632166	93.829	ng	96
47) 2-Chloronaphthalene	13.63	162	1363412	94.515	ng	97
48) 2-Nitroaniline	13.82	65	533594	129.879	ng	98
49) Acenaphthylene	14.47	152	2009911	90.381	ng	# 93
50) Dimethylphthalate	14.21	163	1716876	91.818	ng	97
51) 2,6-Dinitrotoluene	14.31	165	402158	125.284	ng	98
52) Acenaphthene	14.81	154	1393146	97.967	ng	99
53) 3-Nitroaniline	14.65	138	431930	115.716	ng	95
54) 2,4-Dinitrophenol	14.84	184	216900	138.044	ng	# 77
55) Dibenzofuran	15.15	168	1929099	89.793	ng	93
56) 4-Nitrophenol	14.94	139	339285	114.234	ng	97
57) 2,4-Dinitrotoluene	15.10	165	541416	133.054	ng	# 98
58) Fluorene	15.79	166	1629510	91.565	ng	# 99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	520802	99.024	ng	99
60) Diethylphthalate	15.57	149	1744932	91.715	ng	95
61) 4-Chlorophenyl-phenylether	15.79	204	1007159	95.896	ng	96
62) 4-Nitroaniline	15.81	138	460009	108.147	ng	92
63) Azobenzene	16.08	77	1666191	90.765	ng	94
65) 4,6-Dinitro-2-methylphenol	15.86	198	283988	142.708	ng	94
66) n-Nitrosodiphenylamine	16.00	169	1452498	92.855	ng	94
67) 4-Bromophenyl-phenylether	16.68	248	687598	98.233	ng	98
68) Hexachlorobenzene	16.80	284	725151	97.932	ng	99
69) Atrazine	16.94	200	191550	38.151	ng	98
70) Pentachlorophenol	17.13	266	421079	101.072	ng	93
71) Phenanthrene	17.53	178	2443808	87.965	ng	# 91
72) Anthracene	17.62	178	2439276	87.766	ng	# 91
73) Carbazole	17.88	167	2310448	86.704	ng	# 91
74) Di-n-butylphthalate	18.45	149	2622013	82.175	ng	# 92
75) Fluoranthene	19.53	202	2966125	80.578	ng	88
77) Benzidine	19.71	184	1072196	66.577	ng	# 95
78) Pyrene	19.90	202	2947598	87.113	ng	# 86
80) Butylbenzylphthalate	20.79	149	1326484	98.271	ng	97
81) Benzo(a)anthracene	21.76	228	3058976	88.505	ng	# 88
82) 3,3'-Dichlorobenzidine	21.66	252	1274950	94.718	ng	98
83) Chrysene	21.82	228	2896293	88.221	ng	# 88
84) Bis(2-ethylhexyl)phthalate	21.67	149	1758055	93.468	ng	# 94
85) Di-n-octyl phthalate	22.92	149	2969530	93.602	ng	# 95
86) Indeno(1,2,3-cd)pyrene	28.83	276	4086677	101.298	ng	# 92
88) Benzo(b)fluoranthene	24.02	252	3427619	95.456	ng	94
89) Benzo(k)fluoranthene	24.09	252	3153365	91.973	ng	94
90) Benzo(a)pyrene	24.91	252	3238438	95.607	ng	# 96
91) Dibenzo(a,h)anthracene	28.91	278	3223461	97.566	ng	97
92) Benzo(g,h,i)perylene	30.00	276	3201642	98.930	ng	96

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

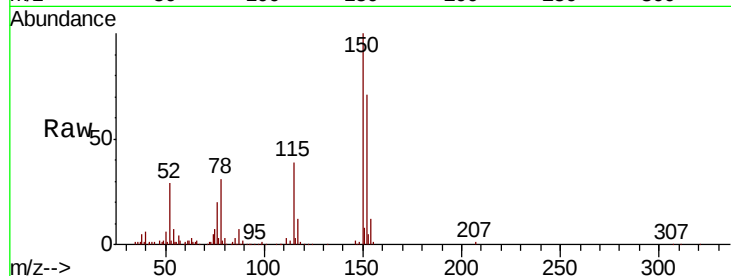


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.8	118.9	178.3
115	55.2	47.4	71.2

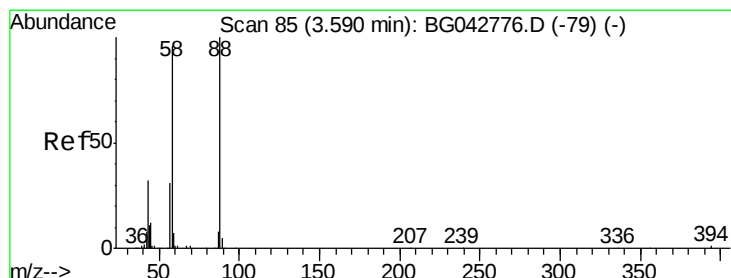
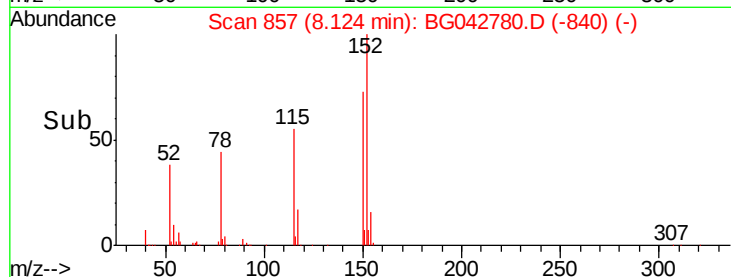
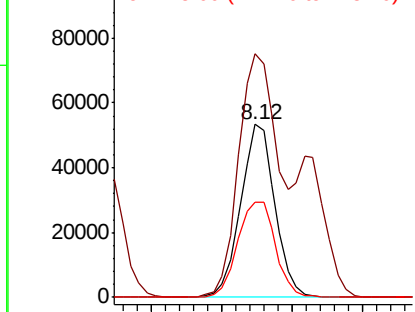


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

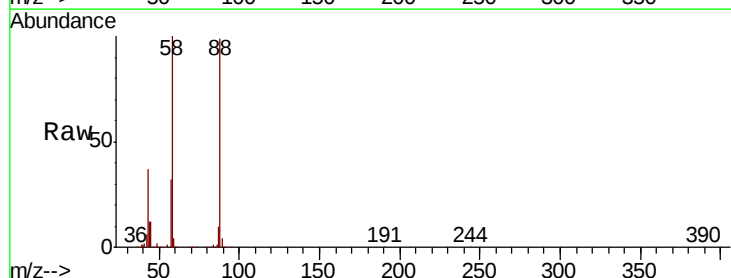
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 94.472 ng
RT: 3.59 min Scan# 86
Delta R.T. 0.00 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.9	79.1	118.7
43	39.3	30.4	45.6

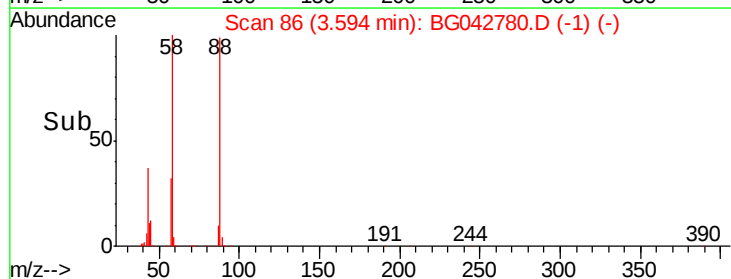
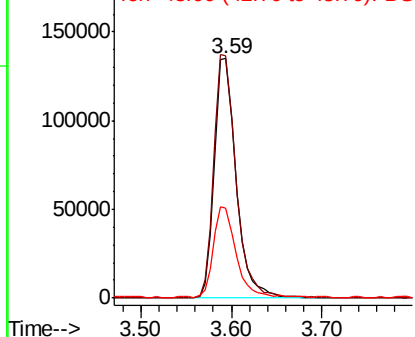


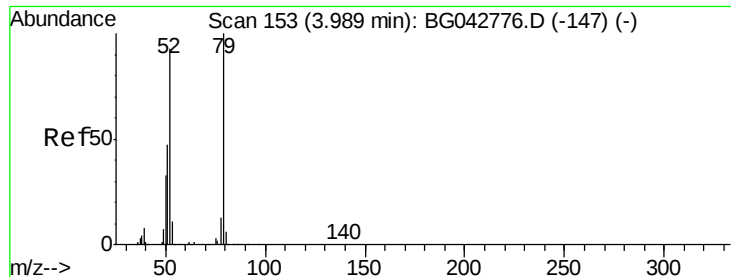
Abundance

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: 91.245 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

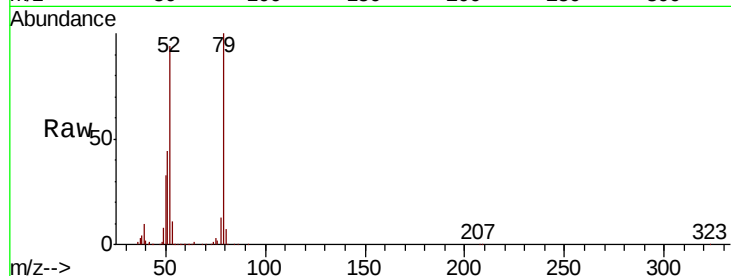
Tot Ion: 79 Resp: 659256

Ion Ratio Lower Upper

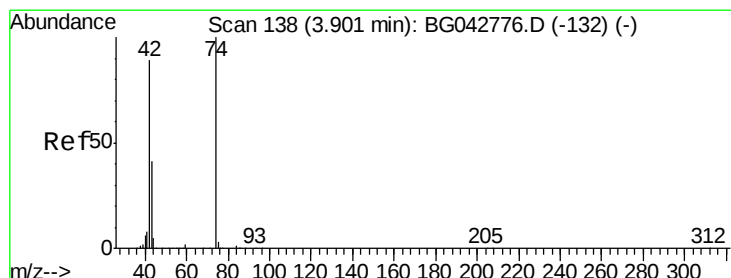
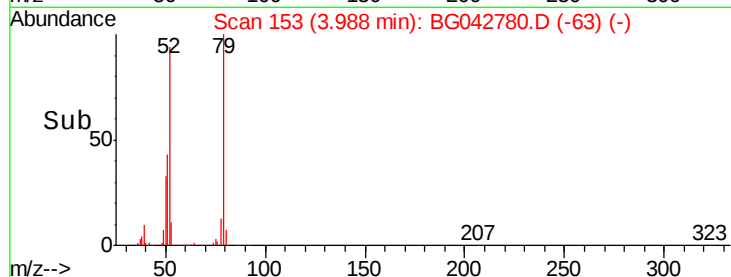
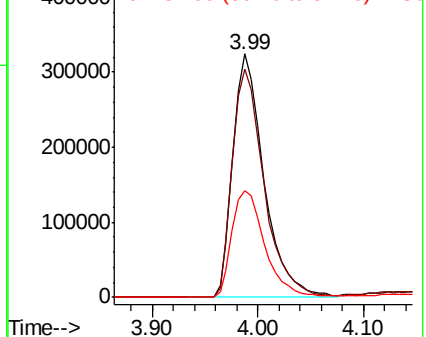
79 100

52 94.0 74.0 111.0

51 43.6 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 99.312 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

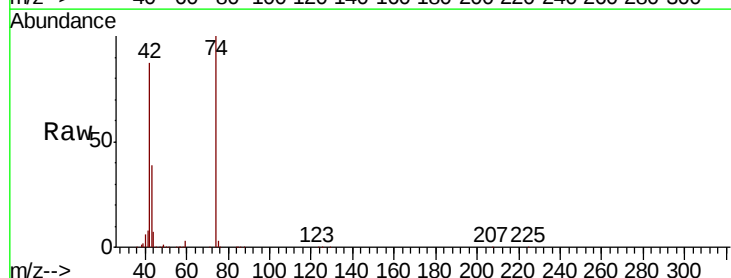
Tgt Ion: 42 Resp: 352900

Ion Ratio Lower Upper

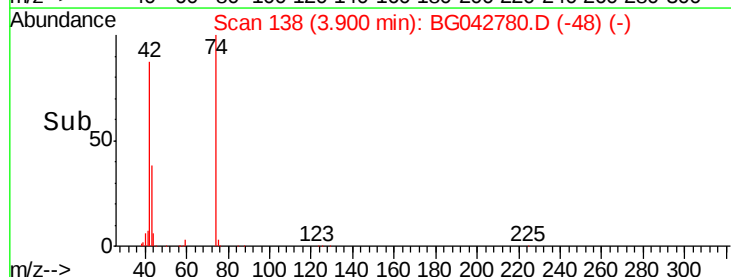
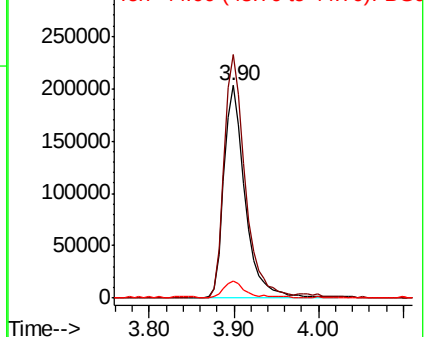
42 100

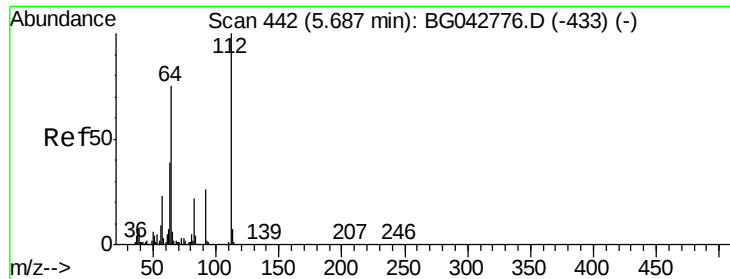
74 114.4 90.2 135.2

44 7.8 6.6 9.8



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





#5

2-Fluorophenol

Concen: 190.609 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

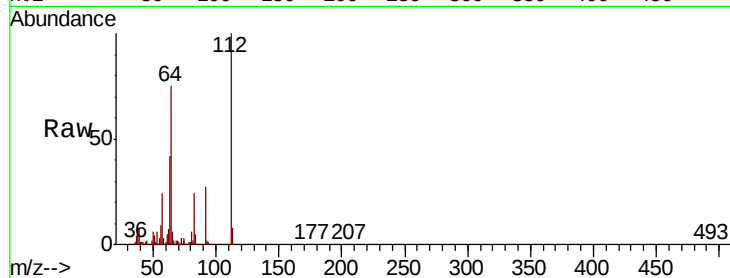
Tot Ion:112 Resp: 1002300

Ion Ratio Lower Upper

112 100

64 75.2 60.2 90.2

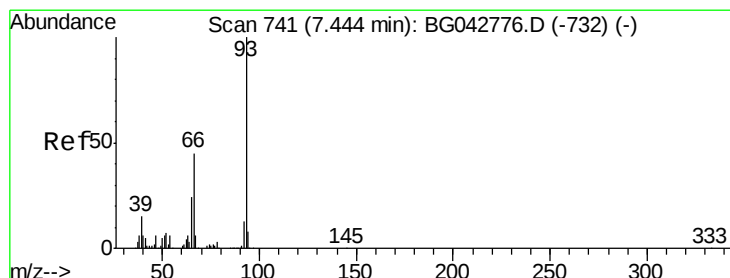
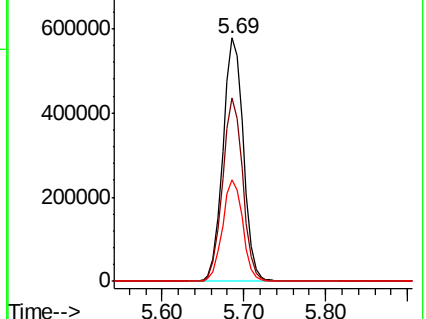
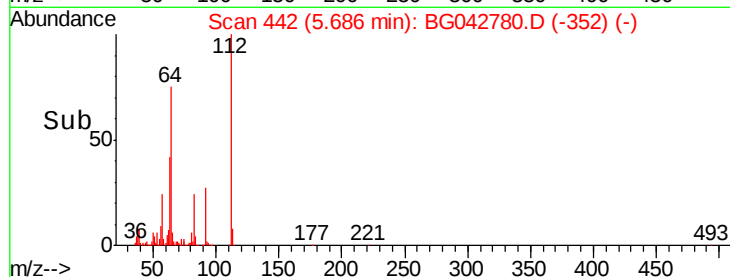
63 41.5 31.2 46.8



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: 93.434 ng

RT: 7.45 min Scan# 743

Delta R.T. 0.01 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

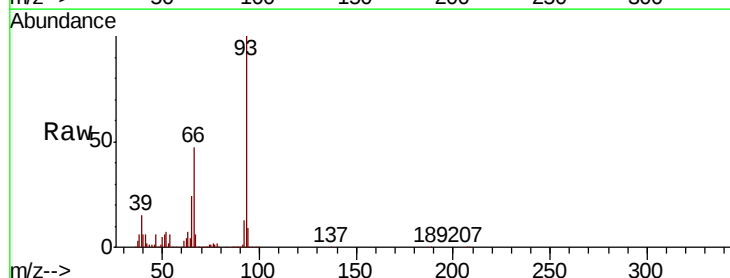
Tgt Ion: 93 Resp: 951877

Ion Ratio Lower Upper

93 100

66 46.9 36.3 54.5

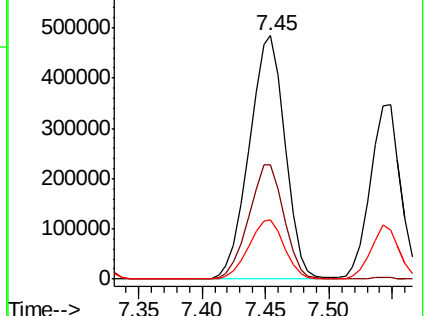
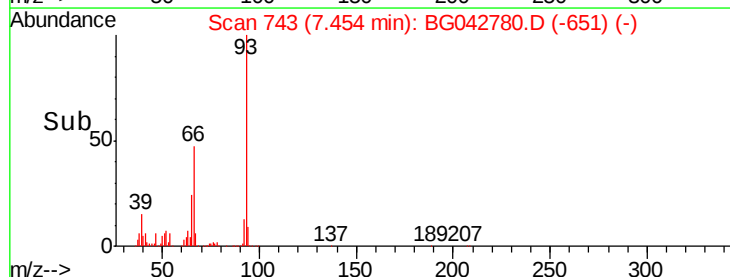
65 24.4 19.3 28.9

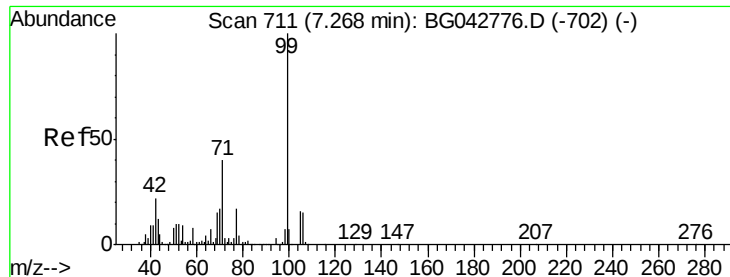


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 190.377 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.02 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

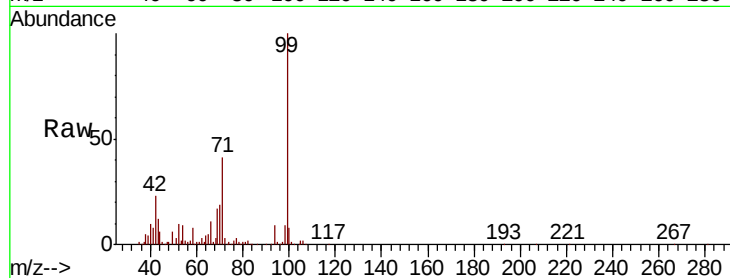
Tot Ion: 99 Resp: 1423938

Ion Ratio Lower Upper

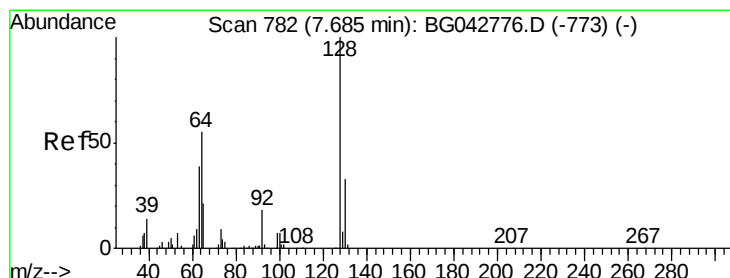
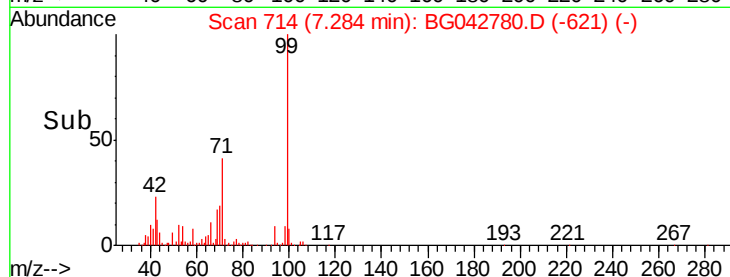
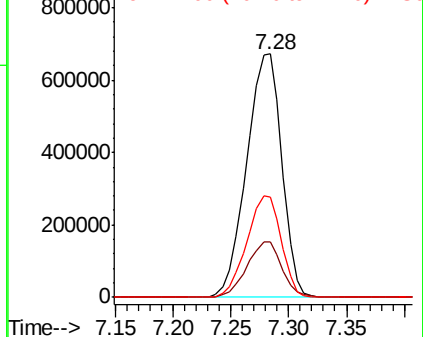
99 100

42 22.6 17.5 26.3

71 41.4 32.0 48.0



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



#8

2-Chlorophenol

Concen: 98.259 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

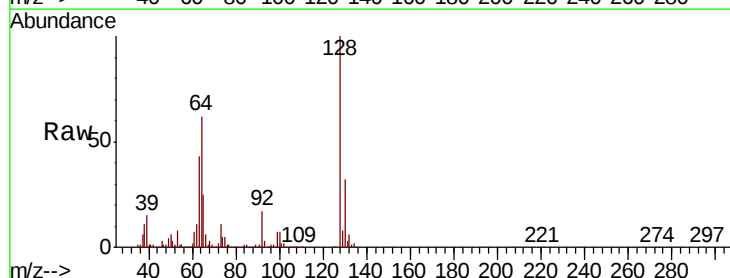
Tgt Ion: 128 Resp: 546934

Ion Ratio Lower Upper

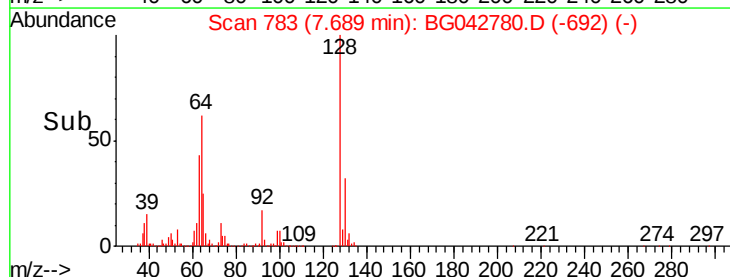
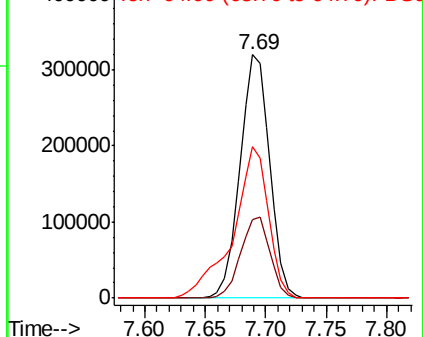
128 100

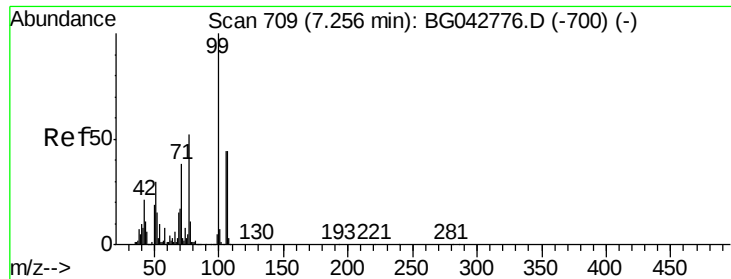
130 32.2 12.8 52.8

64 62.2 36.8 76.8



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





#9

Benzaldehyde

Concen: 69.468 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

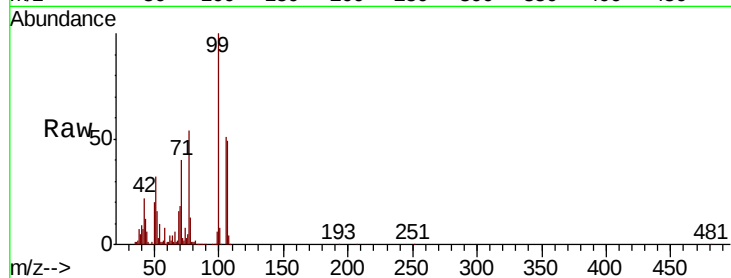
Tot Ion: 77 Resp: 321845

Ion Ratio Lower Upper

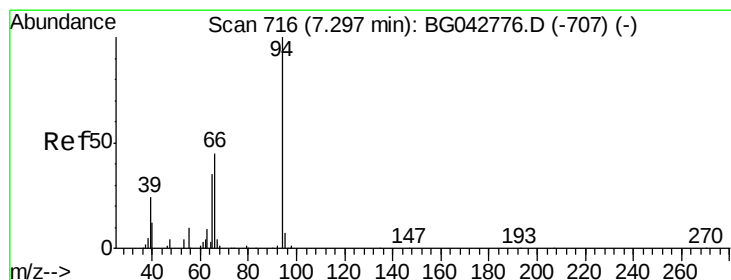
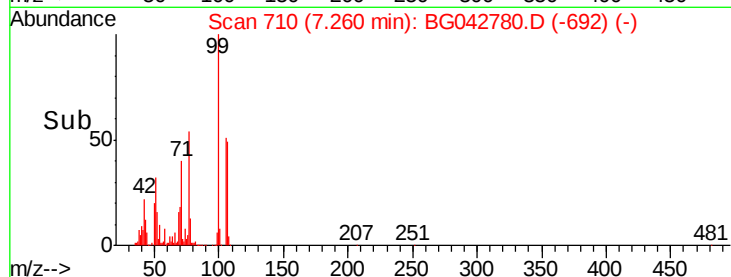
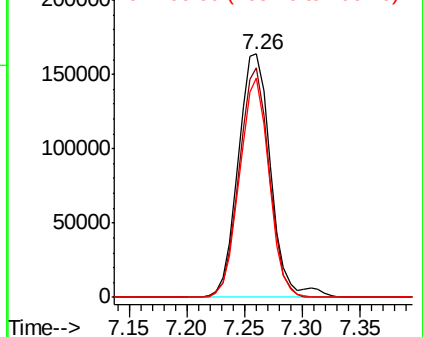
77 100

105 94.3 64.5 104.5

106 89.8 63.4 103.4



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: 96.428 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

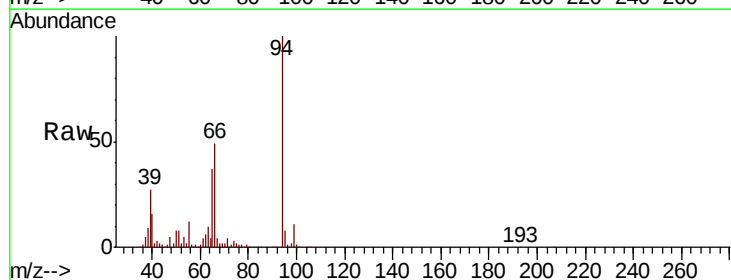
Tgt Ion: 94 Resp: 732729

Ion Ratio Lower Upper

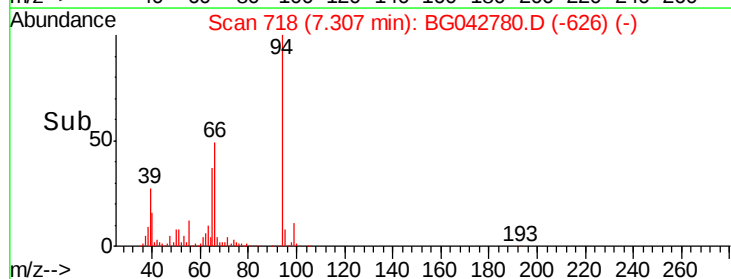
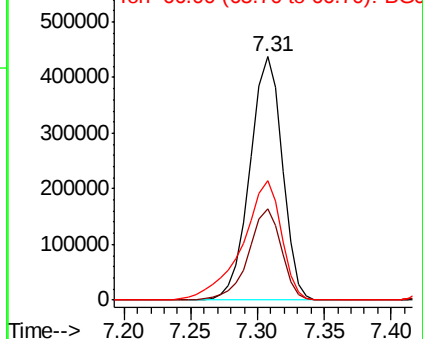
94 100

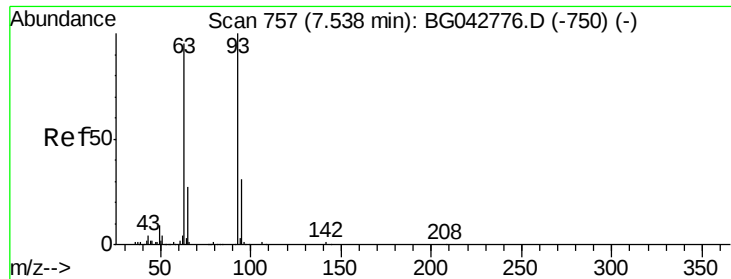
65 37.4 15.0 55.0

66 49.0 26.1 66.1



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

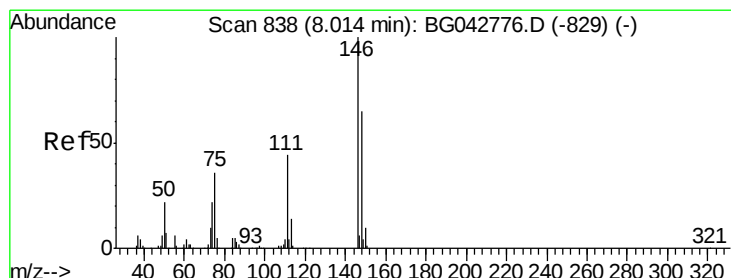
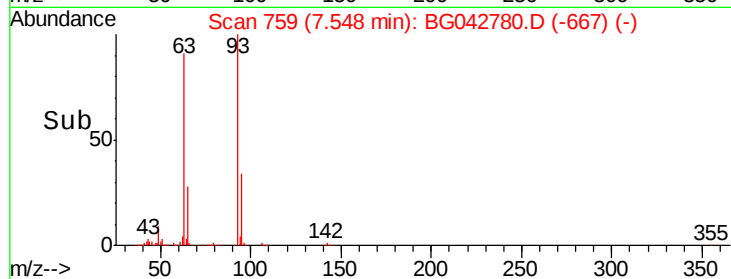
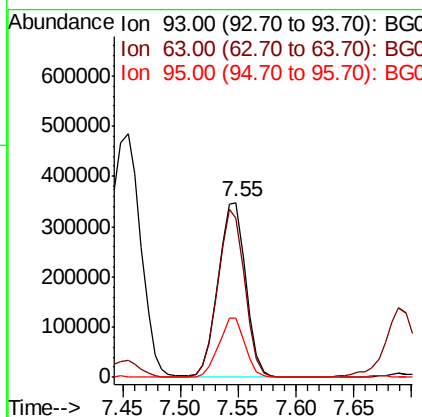
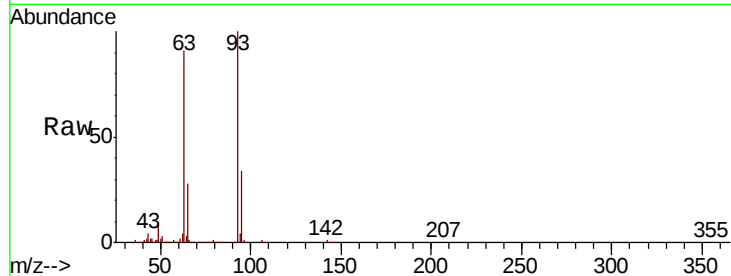




#11
bis(2-Chloroethyl)ether
Concen: 98.312 ng
RT: 7.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

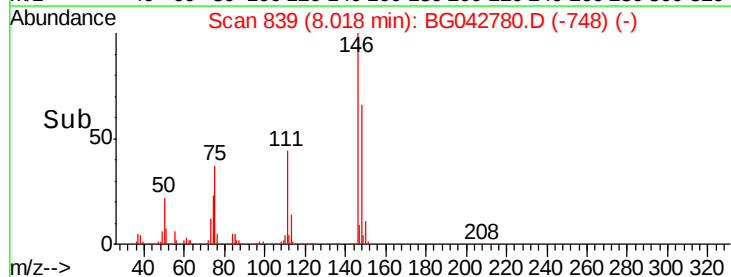
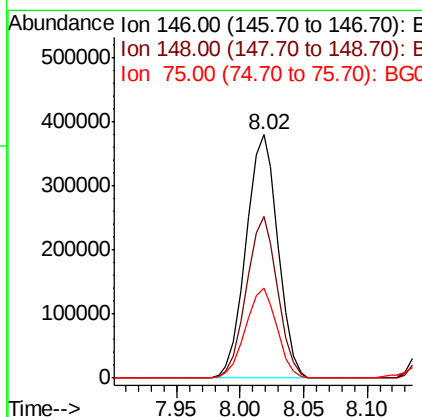
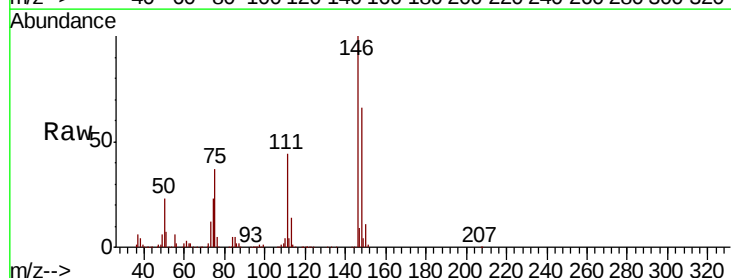
Instrument :
BNA_G
ClientSampleId :

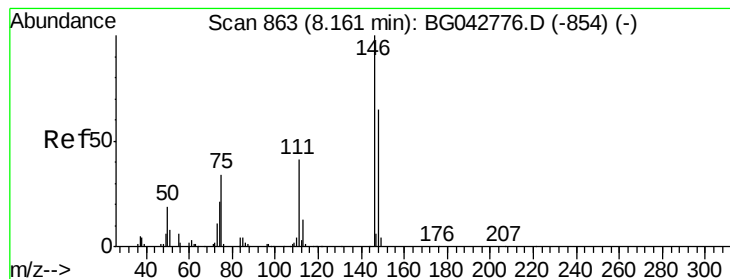
Tot Ion: 93 Resp: 577334
Ion Ratio Lower Upper
93 100
63 91.1 74.7 114.7
95 33.8 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 96.660 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion: 146 Resp: 664439
Ion Ratio Lower Upper
146 100
148 66.3 51.9 77.9
75 37.0 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 97.099 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampled :

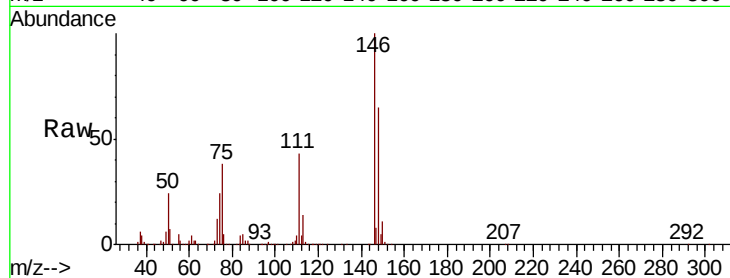
Tot Ion:146 Resp: 666378

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.4

111 43.1 32.6 49.0

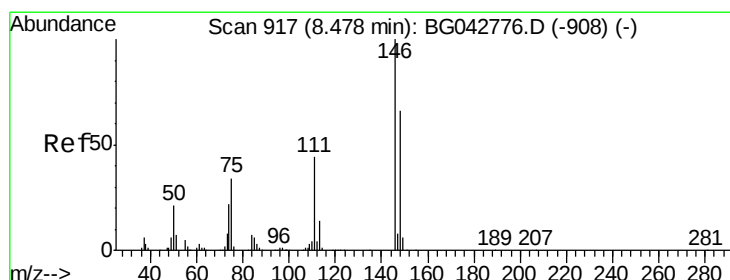
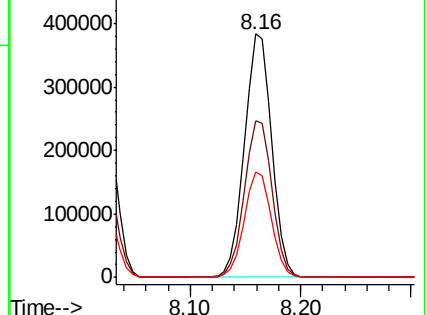
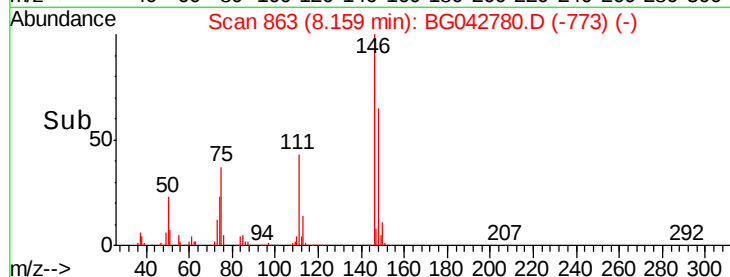


Abundance

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



#14

1,2-Dichlorobenzene

Concen: 97.353 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

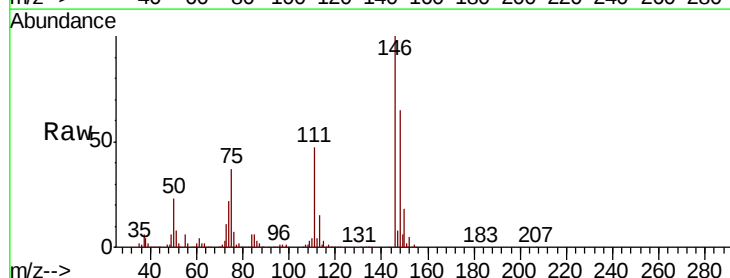
Tgt Ion:146 Resp: 634144

Ion Ratio Lower Upper

146 100

148 64.9 52.6 78.8

111 46.7 35.3 52.9

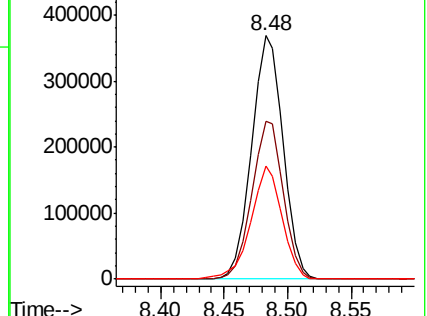
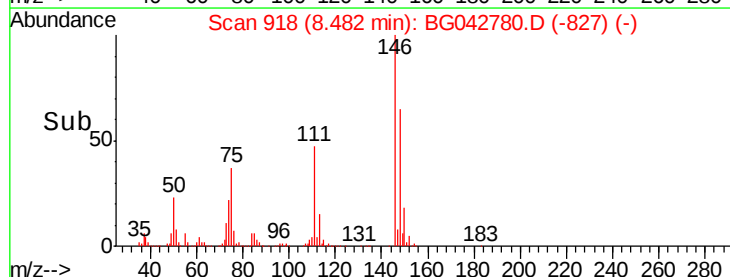


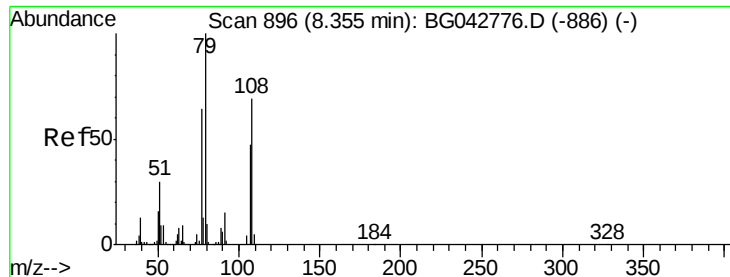
Abundance

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: 98.547 ng

RT: 8.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

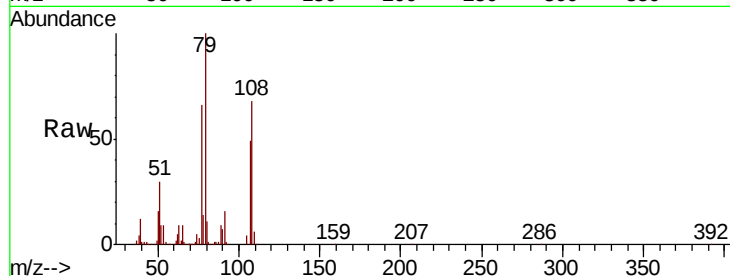
Tot Ion: 79 Resp: 631987

Ion Ratio Lower Upper

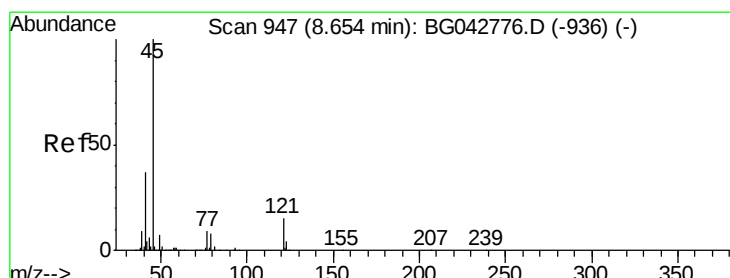
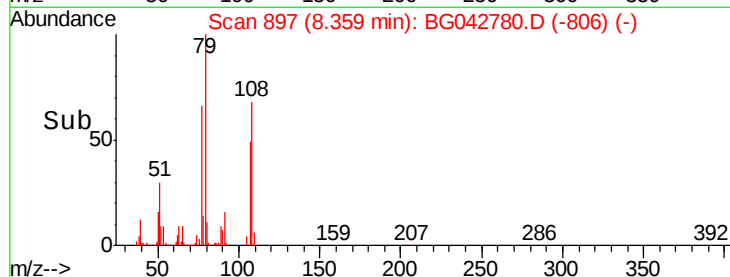
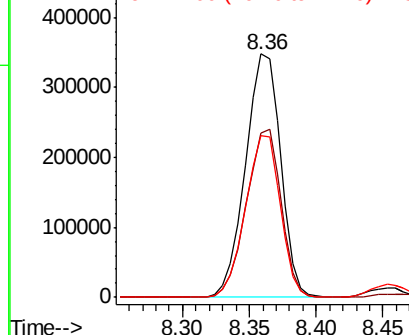
79 100

108 67.5 54.9 82.3

77 66.4 51.0 76.6



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: 93.079 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

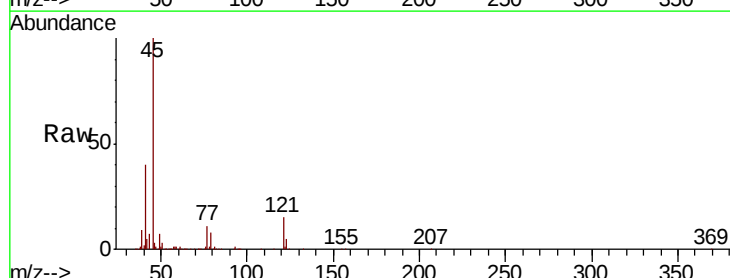
Tgt Ion: 45 Resp: 1228336

Ion Ratio Lower Upper

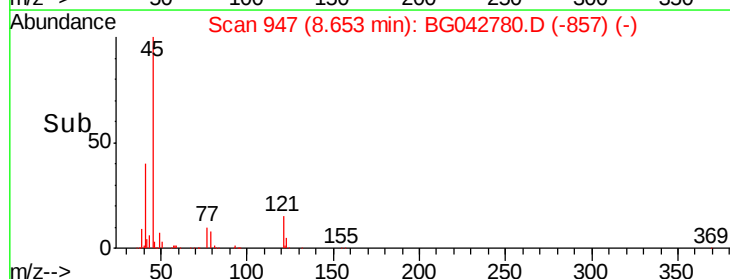
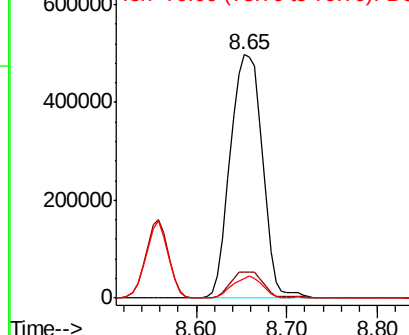
45 100

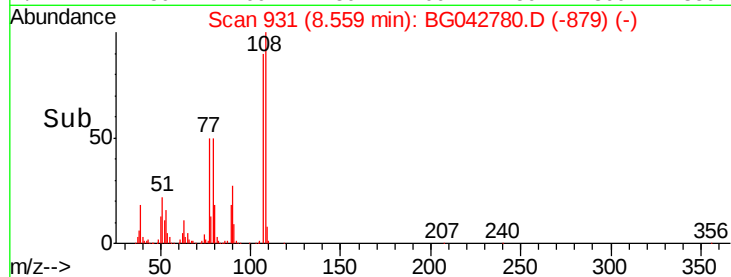
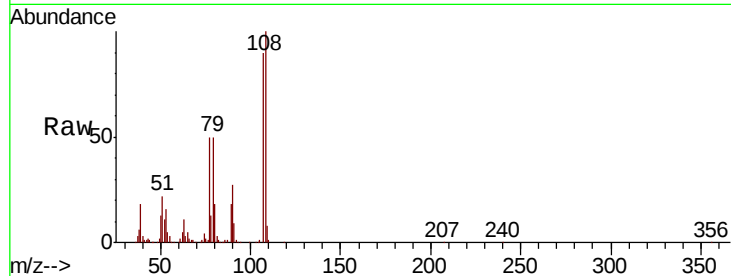
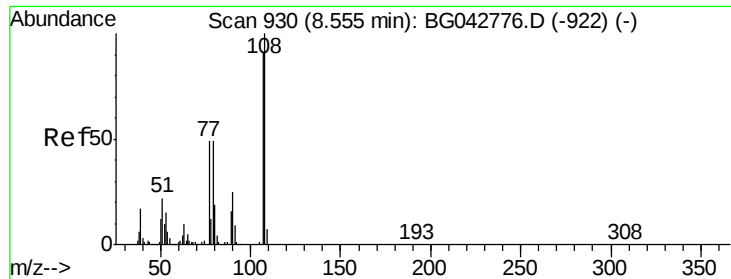
77 10.7 0.0 29.4

79 8.1 0.0 28.4



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





#17

2-Methylphenol

Concen: 98.722 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 510123

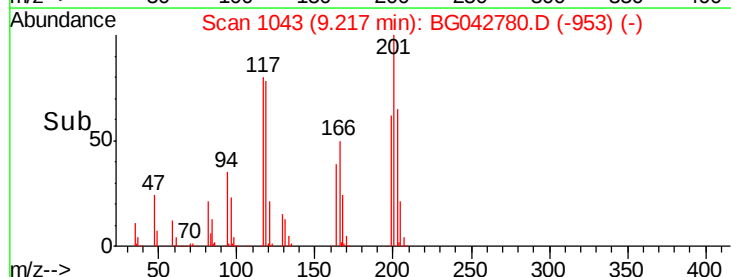
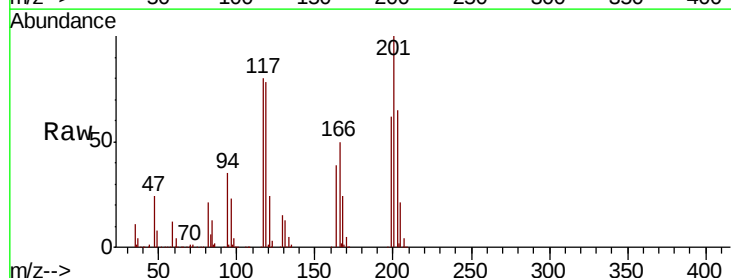
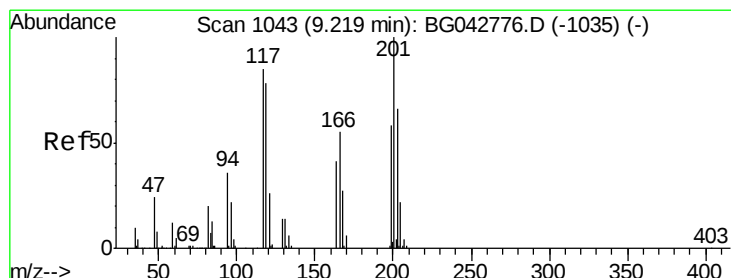
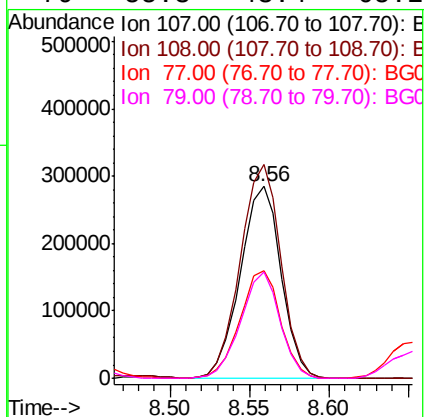
Ion Ratio Lower Upper

107 100

108 111.5 87.7 131.5

77 56.0 42.6 64.0

79 55.3 43.4 65.2



#18

Hexachloroethane

Concen: 99.674 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

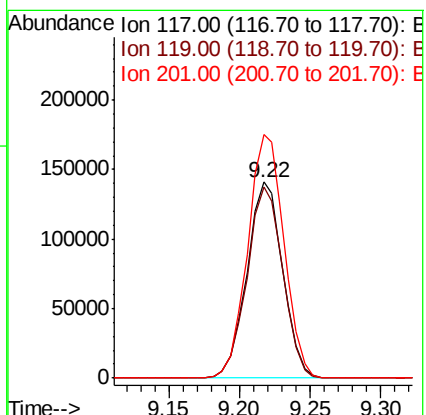
Tgt Ion:117 Resp: 250411

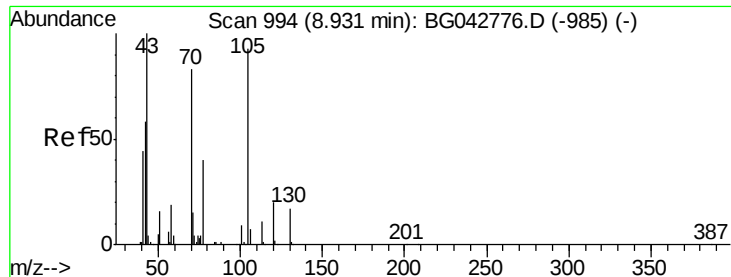
Ion Ratio Lower Upper

117 100

119 97.4 73.8 110.8

201 124.3 94.6 142.0

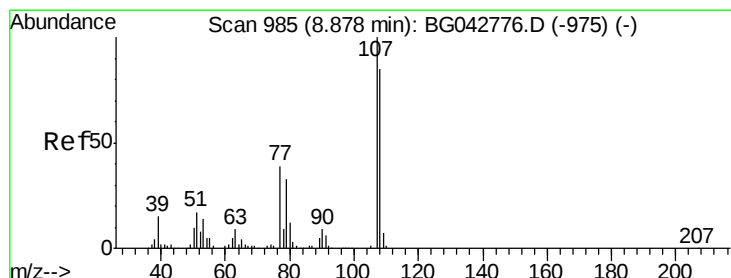
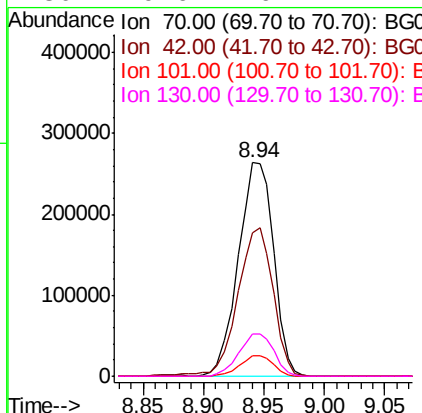
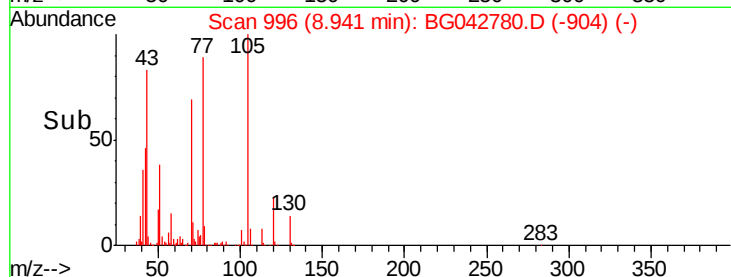
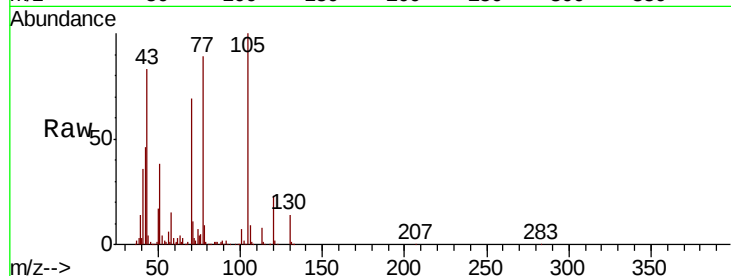




#19
n-Nitroso-di-n-propylamine
Concen: 97.893 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

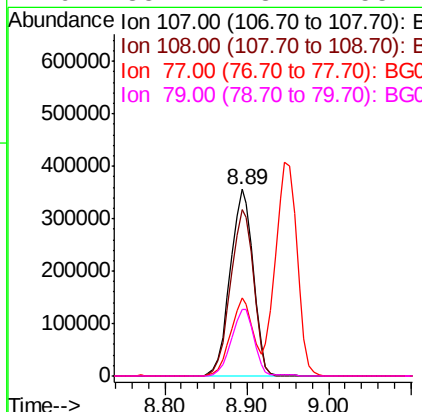
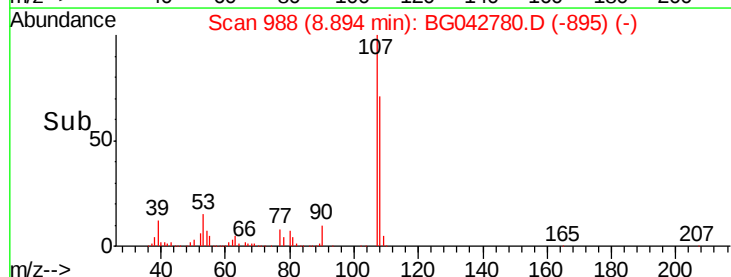
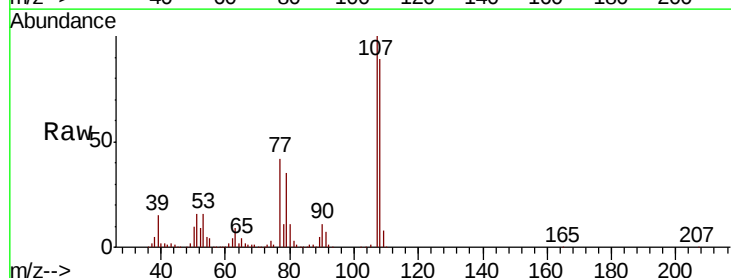
Instrument :
BNA_G
ClientSampleId :

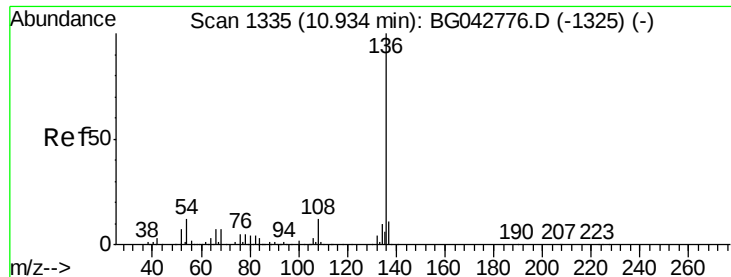
Tot Ion:	70	Resp:	538443
Ion	Ratio	Lower	Upper
70	100		
42	67.1	57.0	85.6
101	9.9	8.4	12.6
130	19.6	16.1	24.1



#20
3+4-Methylphenols
Concen: 99.167 ng
RT: 8.89 min Scan# 988
Delta R.T. 0.02 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion:	107	Resp:	698480
Ion	Ratio	Lower	Upper
107	100		
108	89.4	65.4	105.4
77	42.0	18.7	58.7
79	35.4	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BG042780.D

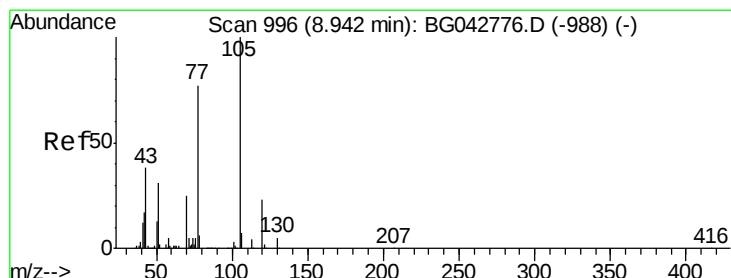
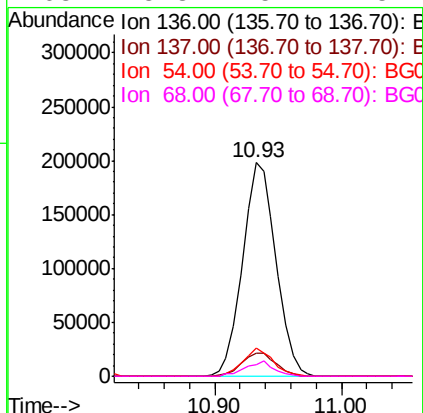
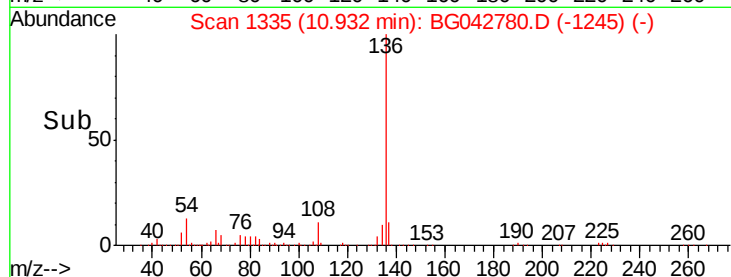
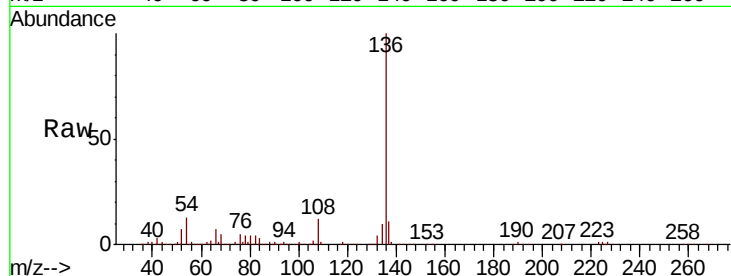
Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	360385
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	12.9	9.4 14.0
68	5.3	5.4 8.2#



#22

Acetophenone

Concen: 97.741 ng

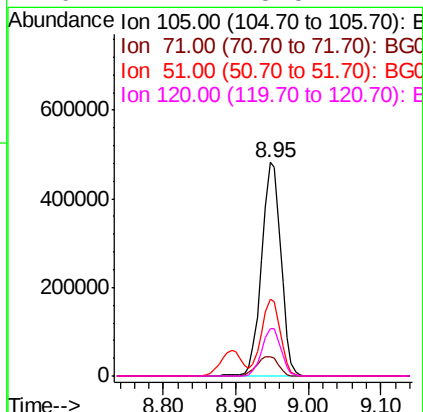
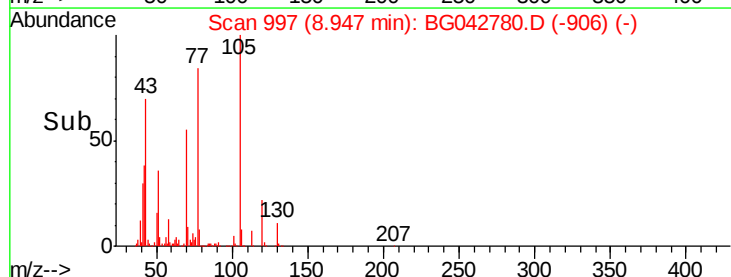
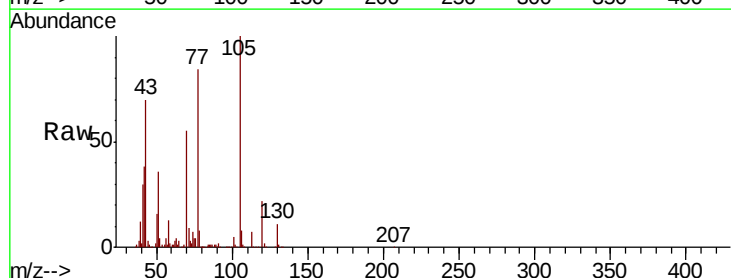
RT: 8.95 min Scan# 997

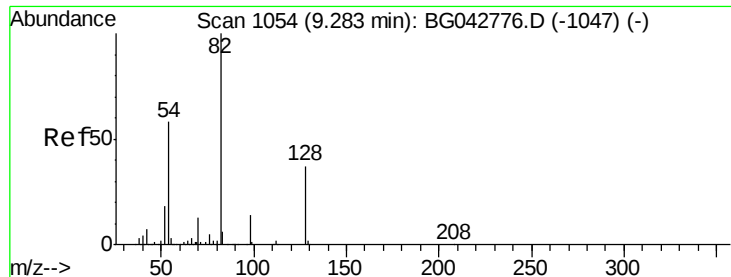
Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Tgt Ion:105	Resp:	894234
Ion Ratio	Lower	Upper
105	100	
71	9.3	3.7 5.5#
51	35.8	28.8 43.2
120	22.2	18.5 27.7

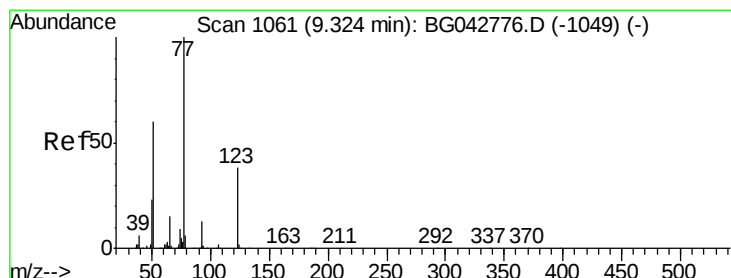
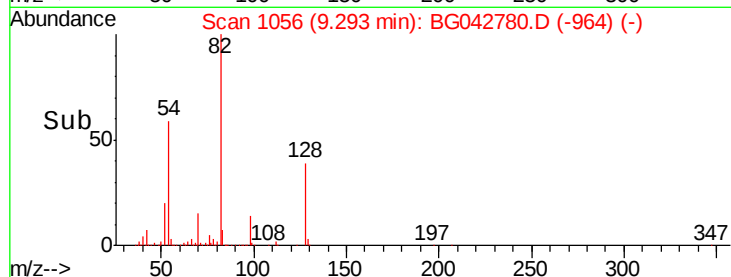
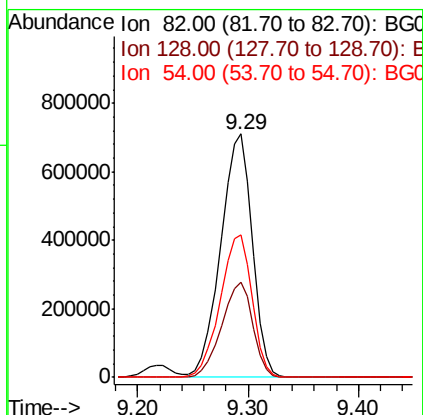
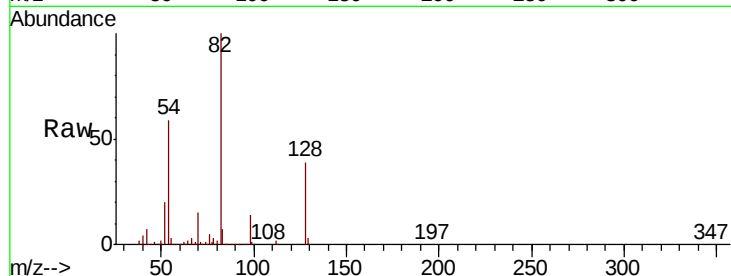




#23
 Nitrobenzene-d5
 Concen: 237.408 ng
 RT: 9.29 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

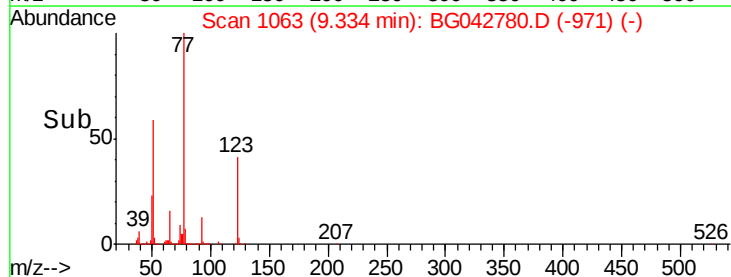
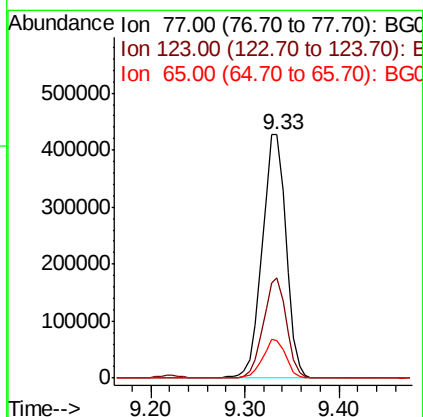
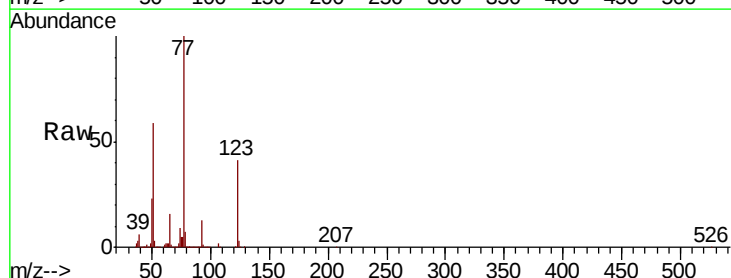
Instrument :
 BNA_G
 ClientSampleId :

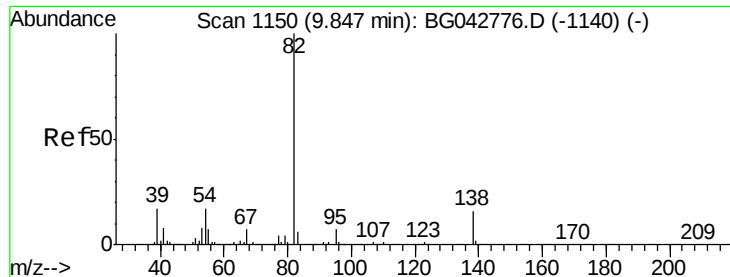
Tot Ion: 82 Resp: 1413461
 Ion Ratio Lower Upper
 82 100
 128 39.0 29.8 44.8
 54 58.7 46.1 69.1



#24
 Nitrobenzene
 Concen: 116.709 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. 0.01 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion: 77 Resp: 751075
 Ion Ratio Lower Upper
 77 100
 123 41.4 30.7 46.1
 65 15.7 12.2 18.4





#25

Isophorone

Concen: 97.890 ng

RT: 9.86 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

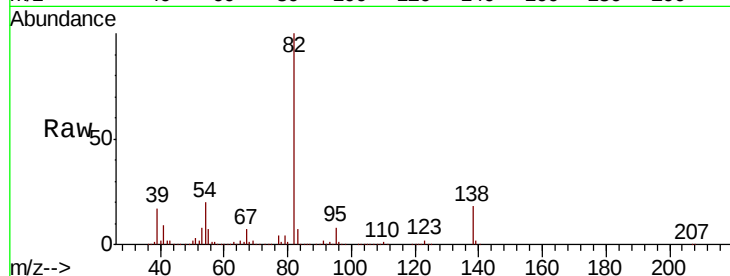
Tot Ion: 82 Resp: 1406403

Ion Ratio Lower Upper

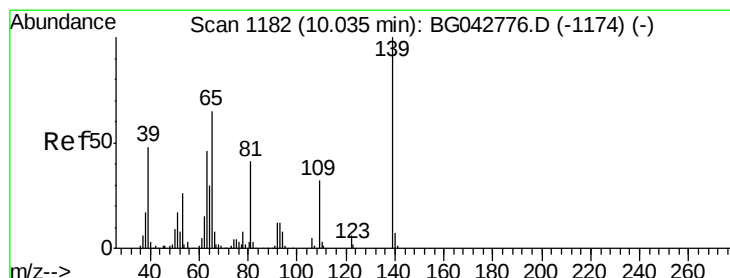
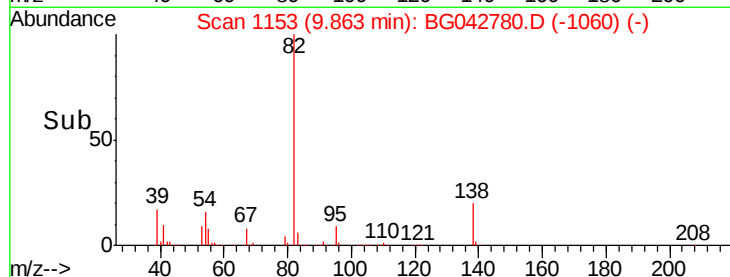
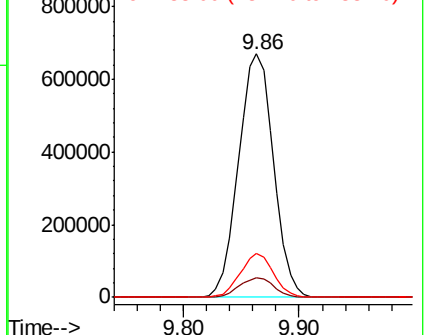
82 100

95 8.3 5.8 8.8

138 17.9 12.9 19.3



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



#26

2-Nitrophenol

Concen: 138.242 ng

RT: 10.04 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

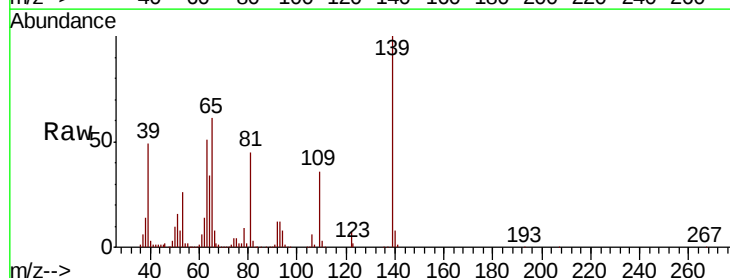
Tgt Ion: 139 Resp: 321153

Ion Ratio Lower Upper

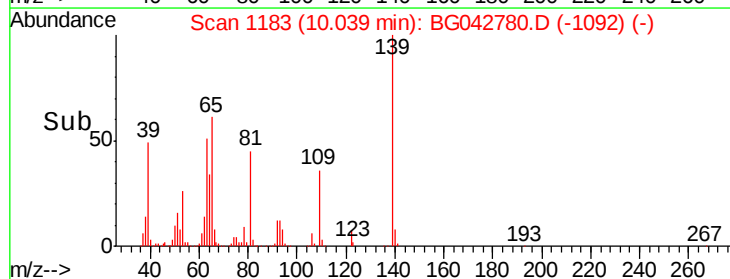
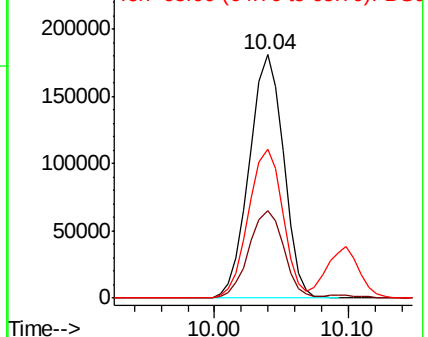
139 100

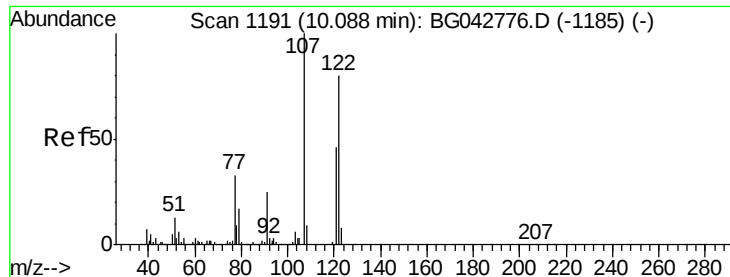
109 35.9 25.8 38.8

65 61.0 52.2 78.2



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

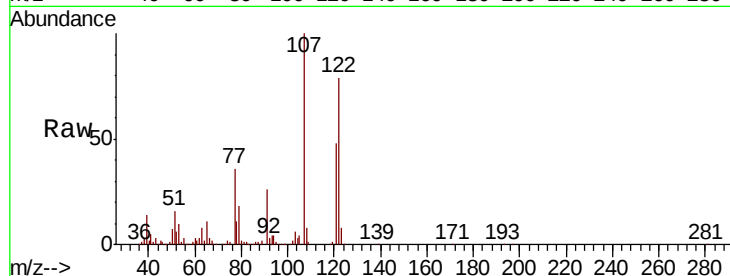




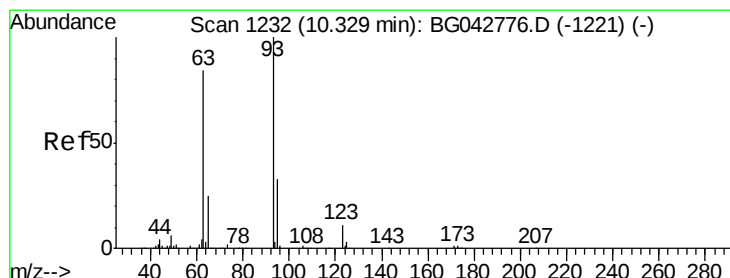
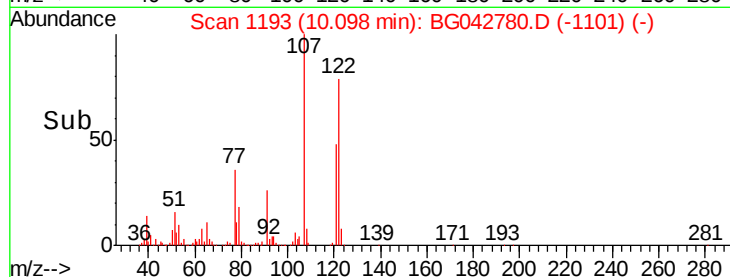
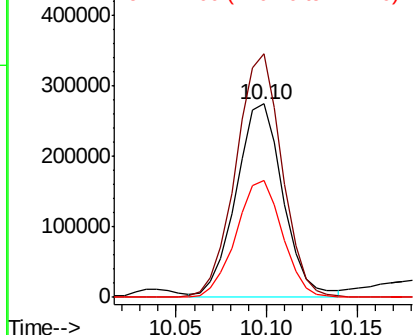
#27
 2,4-Dimethylphenol
 Concen: 99.270 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.8	98.9	148.3
121	60.5	46.2	69.2

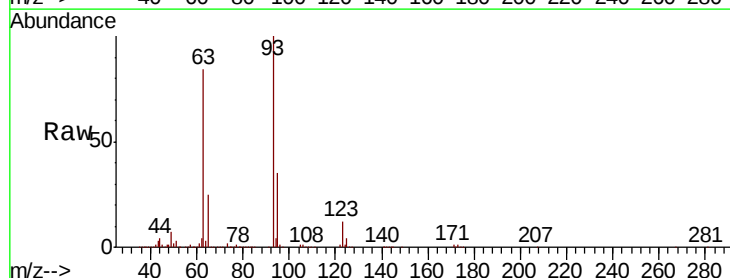


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

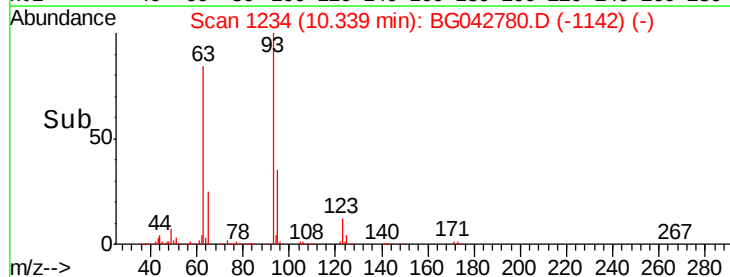
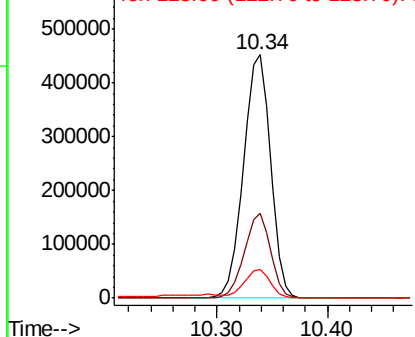


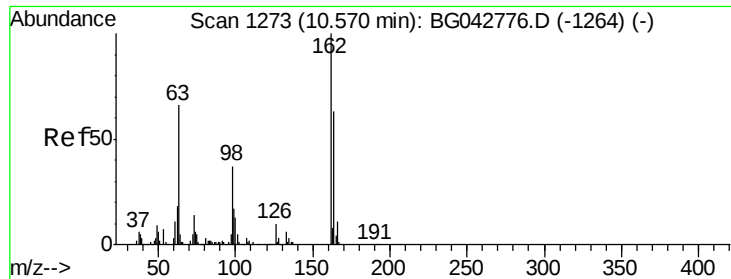
#28
 bis(2-Chloroethoxy)methane
 Concen: 96.567 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	26.6	40.0
123	11.8	9.0	13.6



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

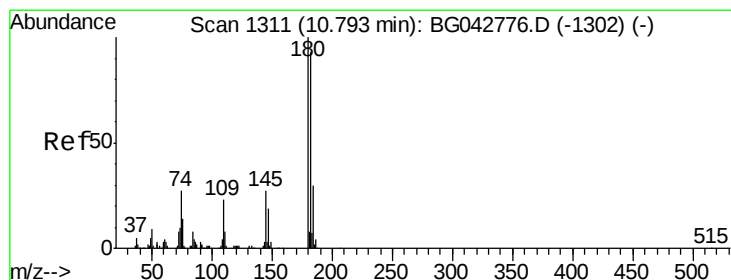
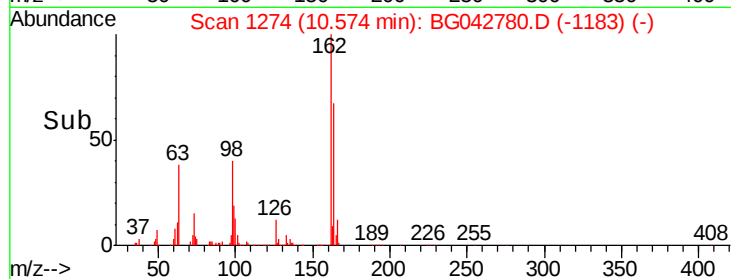
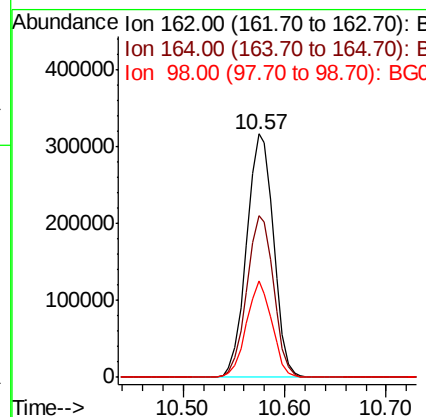
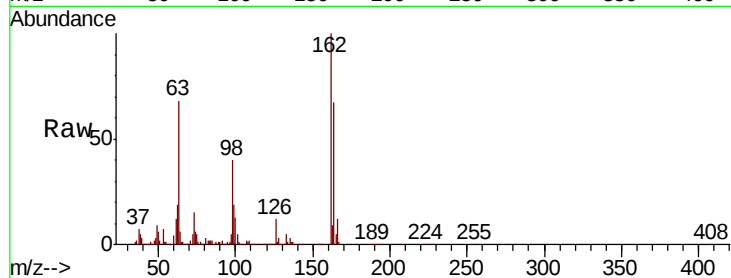




#29
 2,4-Dichlorophenol
 Concen: 101.356 ng
 RT: 10.57 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

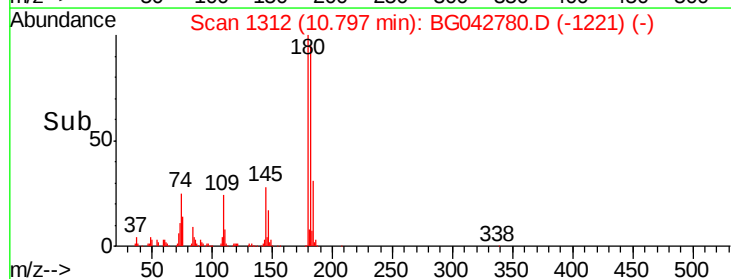
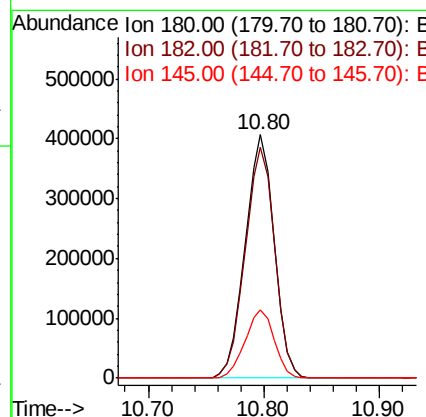
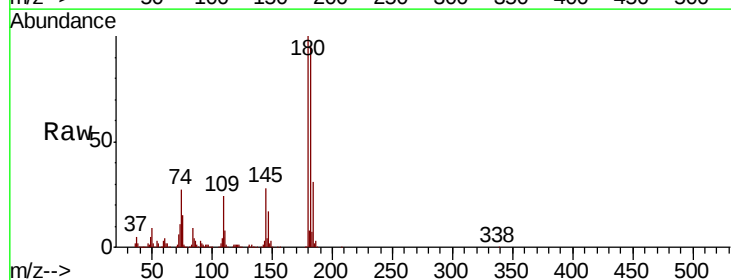
Instrument :
 BNA_G
 ClientSampleId :

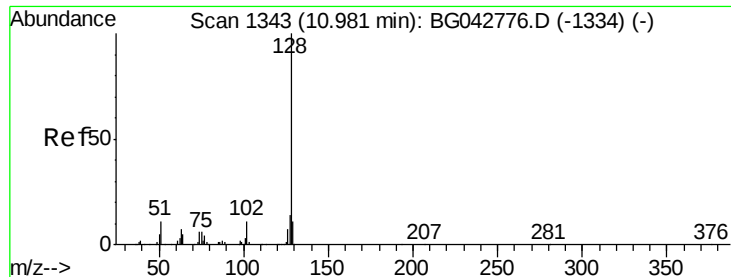
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	43.4	83.4
98	39.5	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 99.544 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	74.6	112.0
145	28.1	21.8	32.6

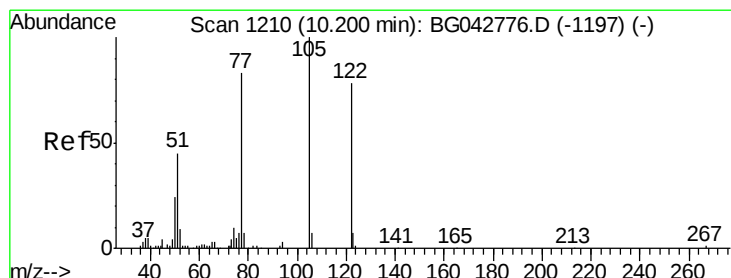
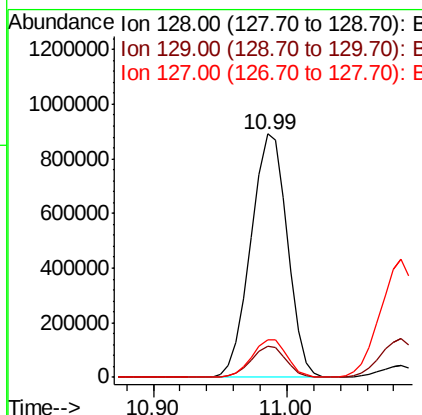
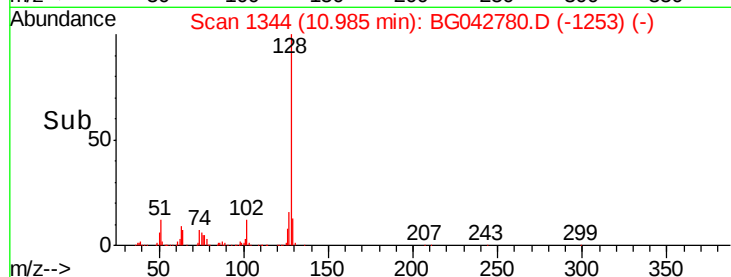
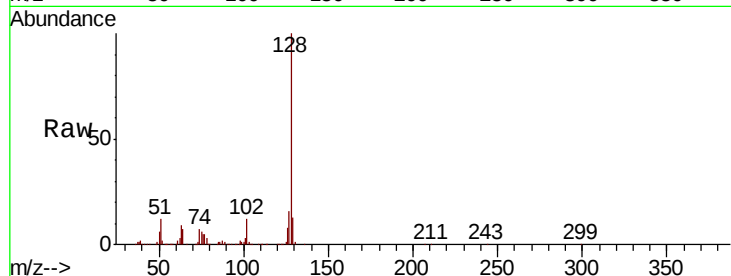




#31
Naphthalene
Concen: 95.477 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

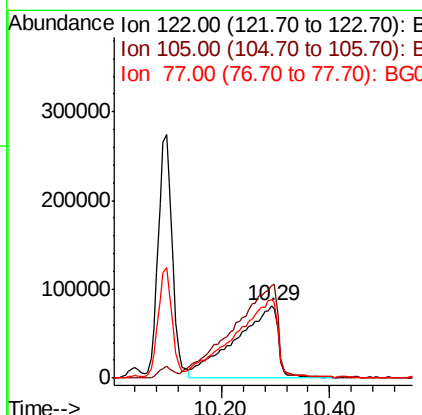
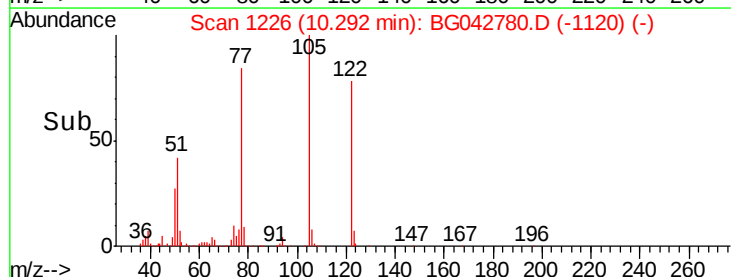
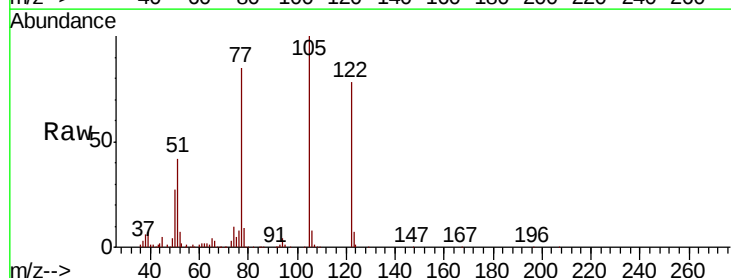
Instrument :
BNA_G
ClientSampleId :

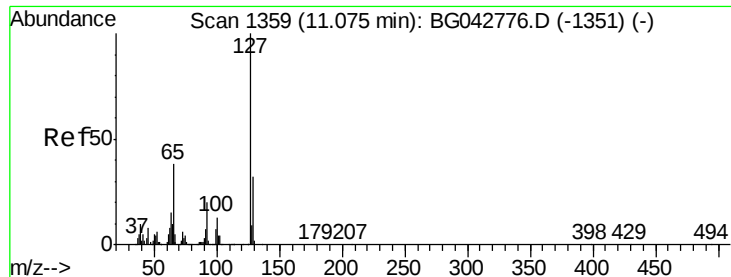
Tot Ion:128 Resp: 1683520
Ion Ratio Lower Upper
128 100
129 12.7 9.0 13.6
127 15.6 11.4 17.2



#32
Benzoic acid
Concen: 137.333 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.09 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion:122 Resp: 446566
Ion Ratio Lower Upper
122 100
105 128.4 104.0 144.0
77 108.6 84.2 124.2

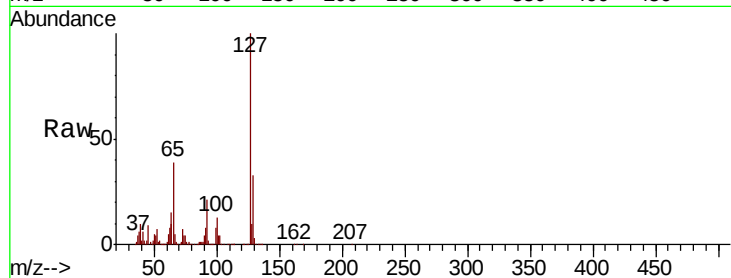




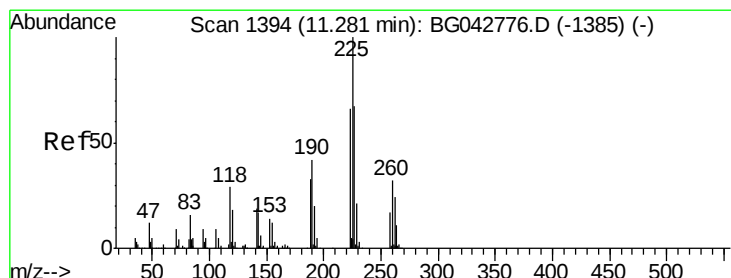
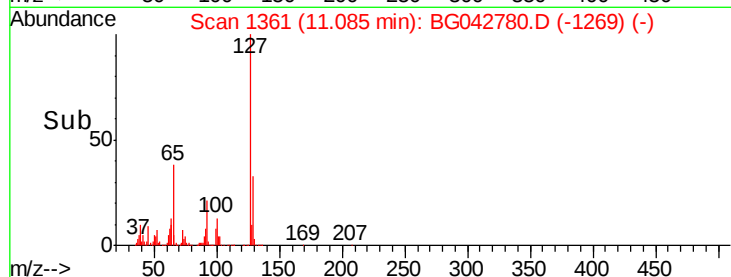
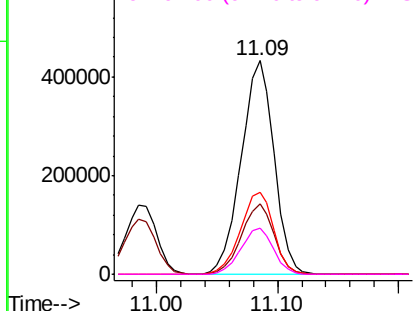
#33
4-Chloroaniline
Concen: 97.820 ng
RT: 11.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	818228
Ion Ratio	Lower	Upper
127	100	
129	33.1	25.8 38.6
65	38.5	30.5 45.7
92	21.4	15.9 23.9

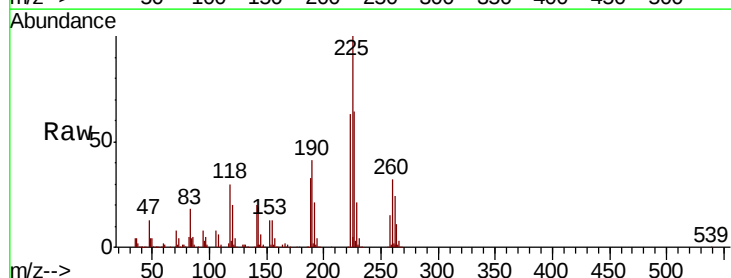


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

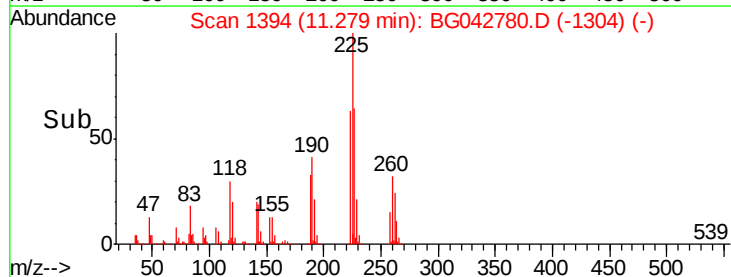
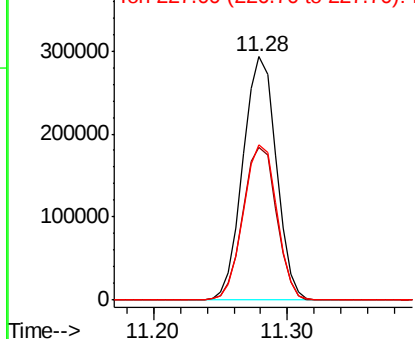


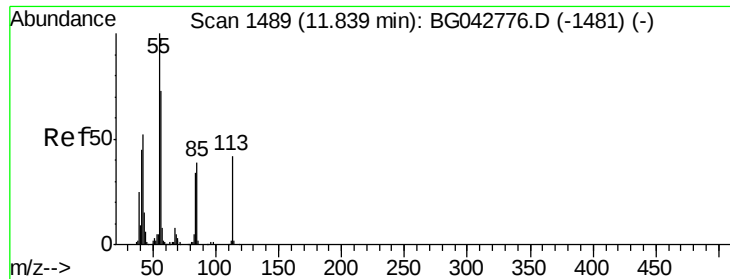
#34
Hexachlorobutadiene
Concen: 101.289 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion:225	Resp:	505694
Ion Ratio	Lower	Upper
225	100	
223	62.7	52.6 79.0
227	63.9	53.6 80.4



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

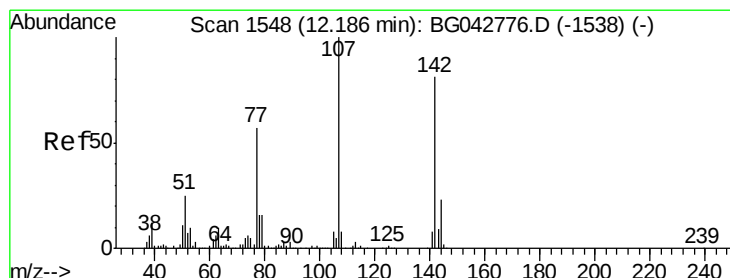
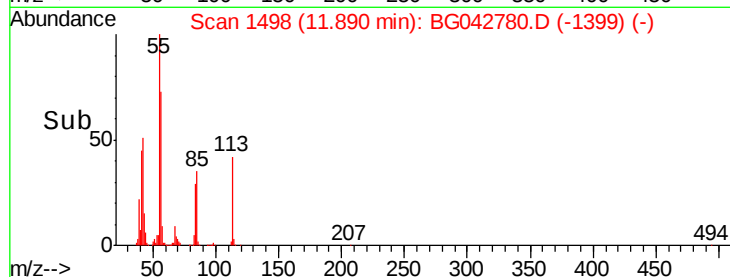
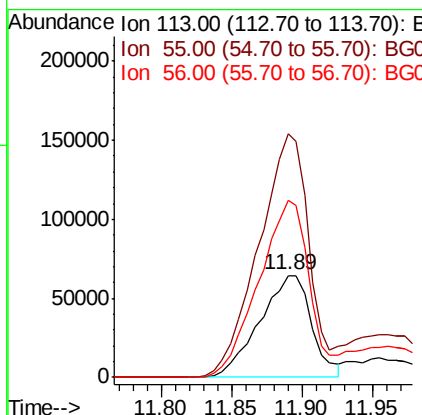
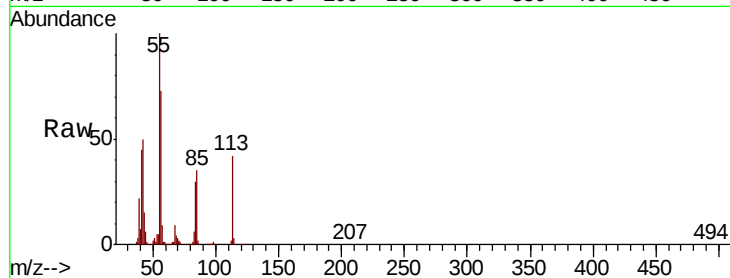




#35
 Caprolactam
 Concen: 76.725 ng
 RT: 11.89 min Scan# 1498
 Delta R.T. 0.05 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

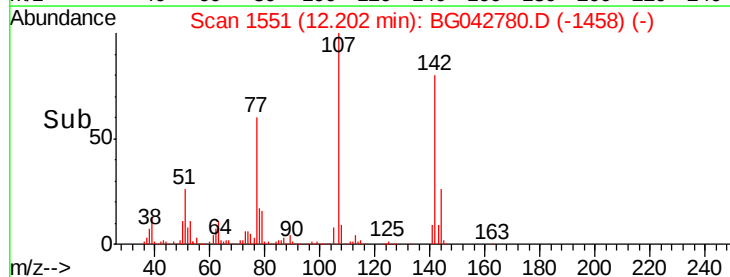
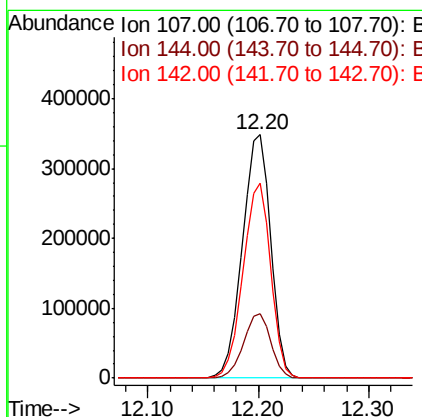
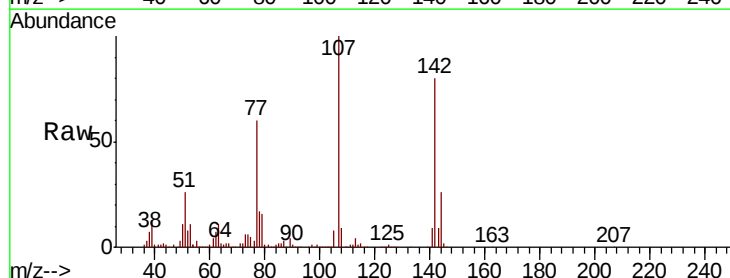
Instrument :
 BNA_G
 ClientSampled :

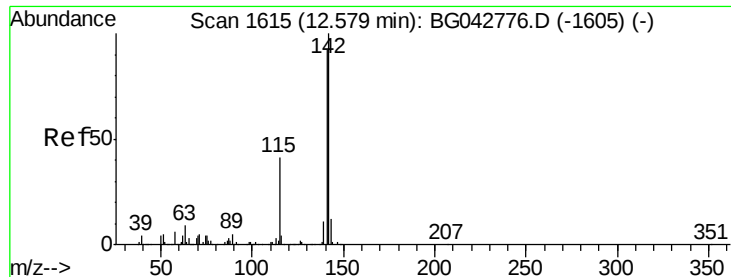
Tot Ion:113 Resp: 165350
 Ion Ratio Lower Upper
 113 100
 55 238.7 218.4 258.4
 56 173.6 154.8 194.8



#36
 4-Chloro-3-methylphenol
 Concen: 101.000 ng
 RT: 12.20 min Scan# 1551
 Delta R.T. 0.02 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion:107 Resp: 629993
 Ion Ratio Lower Upper
 107 100
 144 26.4 18.7 28.1
 142 80.1 65.0 97.4



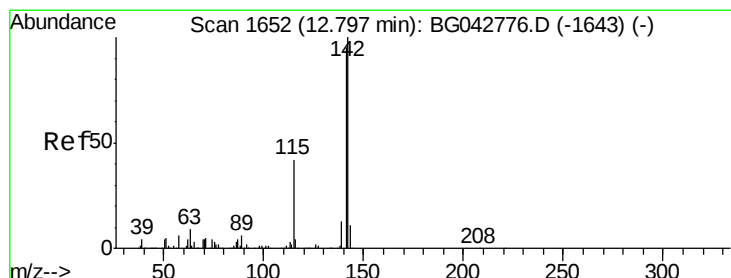
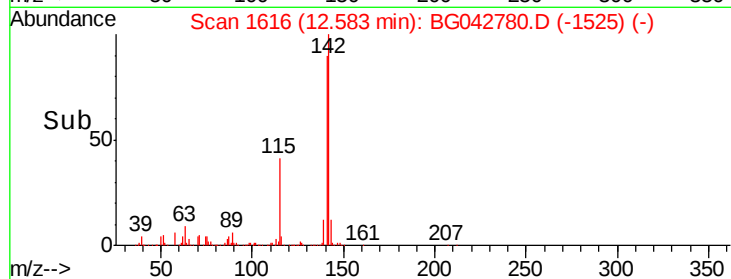
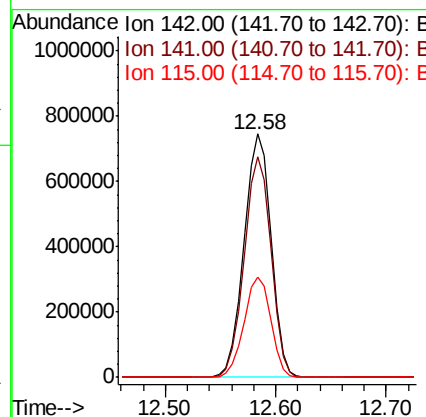
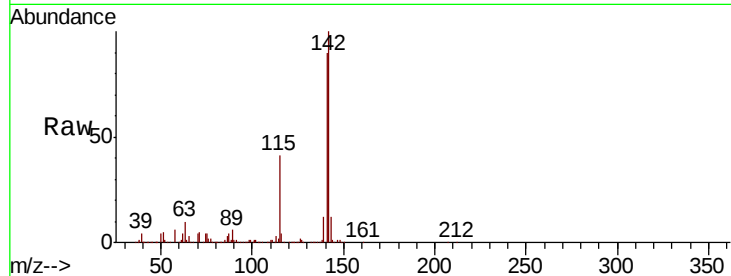


#37
 2-Methylnaphthalene
 Concen: 96.889 ng
 RT: 12.58 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 1285641

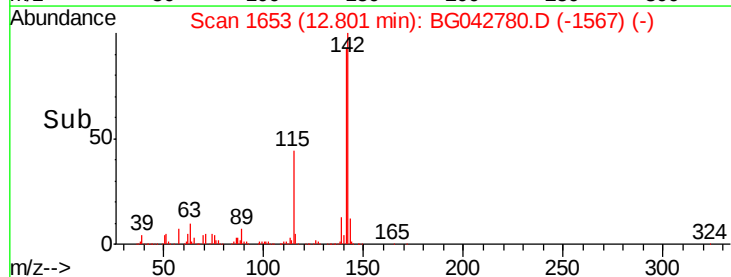
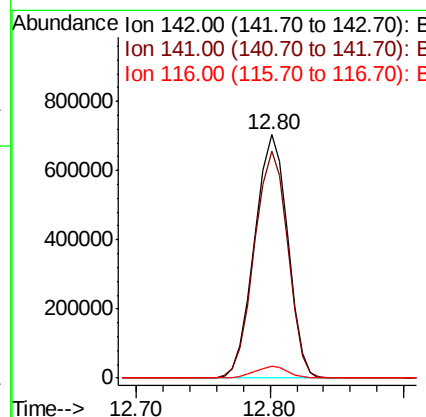
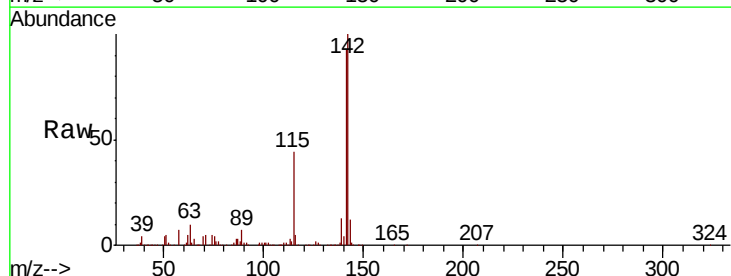
Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.8	110.8
115	41.4	33.0	49.4

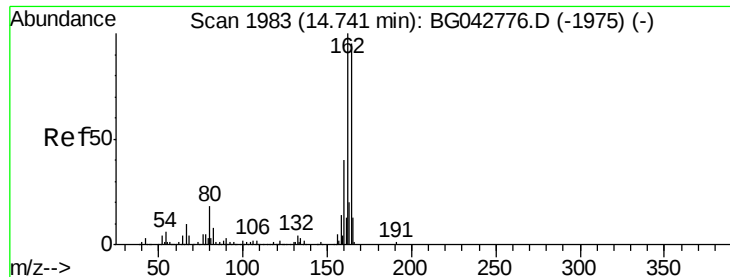


#38
 1-Methylnaphthalene
 Concen: 97.508 ng
 RT: 12.80 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion:142 Resp: 1209246

Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.3	114.5
116	4.7	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

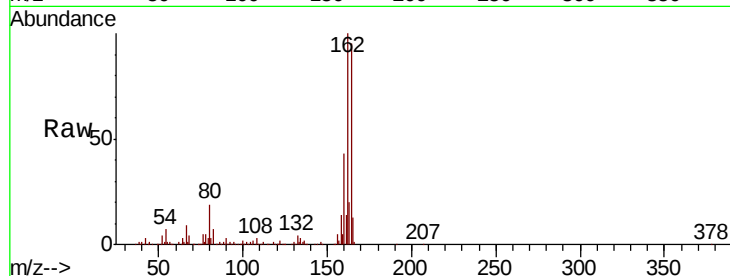
Tot Ion:164 Resp: 250392

Ion Ratio Lower Upper

164 100

162 105.2 84.6 126.8

160 44.8 34.2 51.2

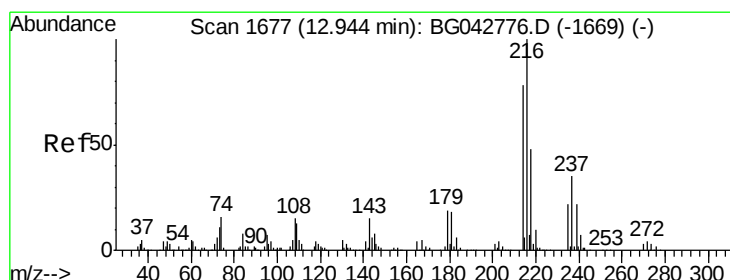
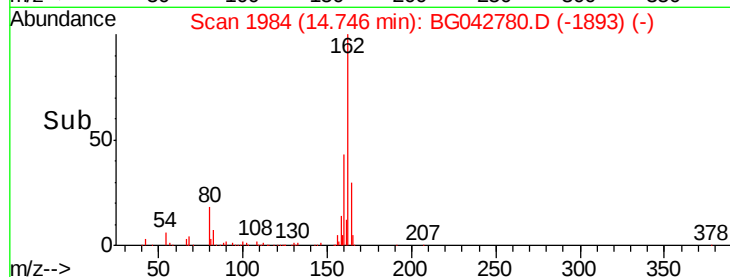
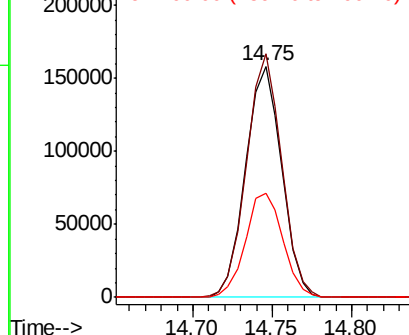


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 96.247 ng

RT: 12.95 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Tgt Ion:216 Resp: 798513

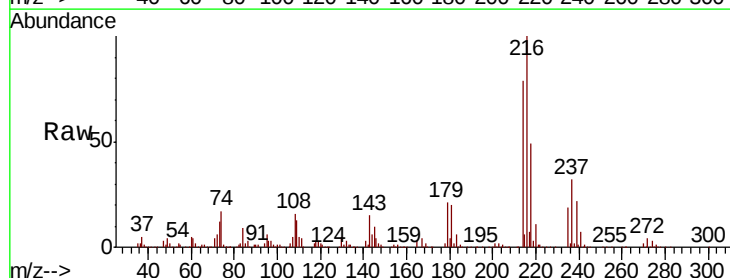
Ion Ratio Lower Upper

216 100

214 79.5 62.8 94.2

179 20.4 15.3 22.9

108 16.7 12.9 19.3



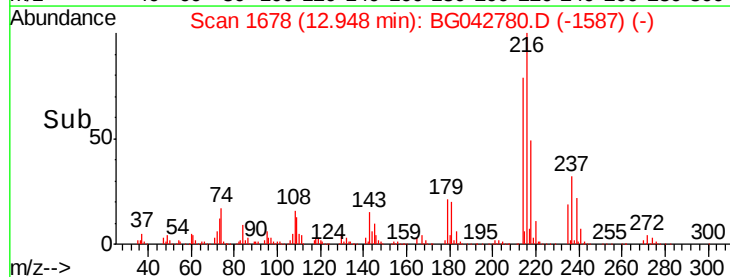
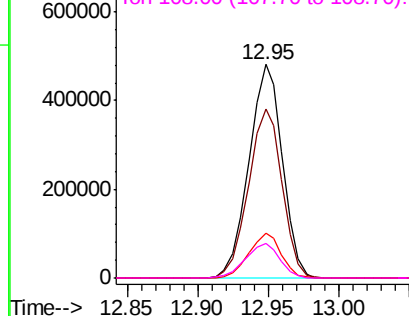
Abundance

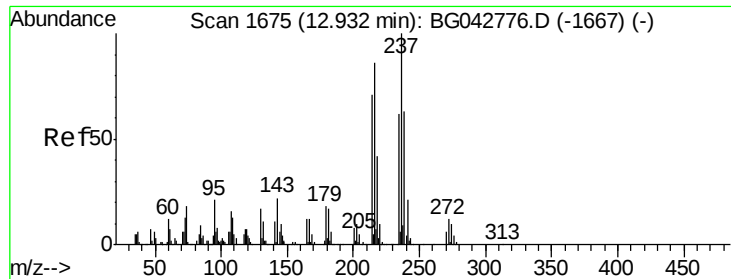
Ion 216.00 (215.70 to 216.70): E

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

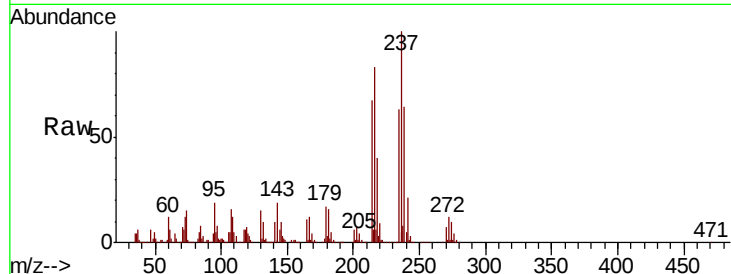




#41
Hexachlorocyclopentadiene
Concen: 104.467 ng
RT: 12.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.9	81.9
272	12.4	0.0	31.6

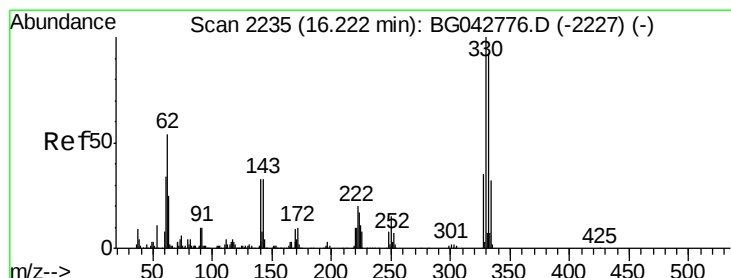
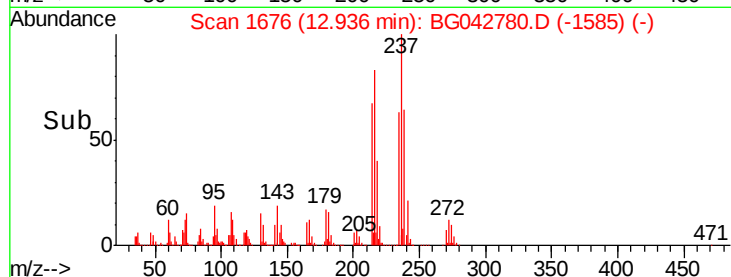
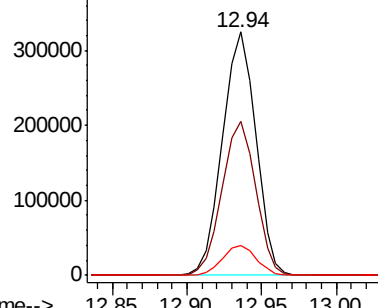


Abundance

Ion 236.80 (236.50 to 237.50): E

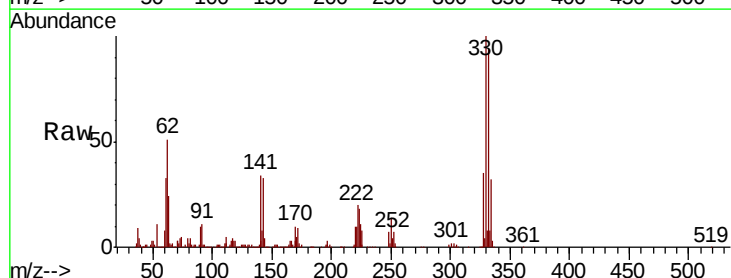
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 209.619 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.7	115.1
141	34.6	27.0	40.6

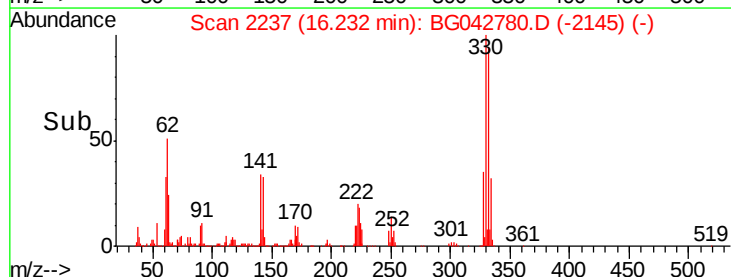
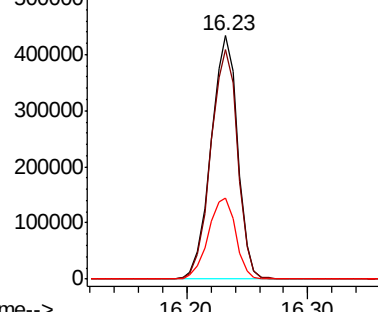


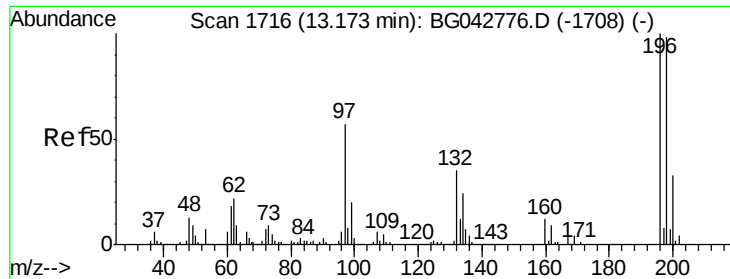
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

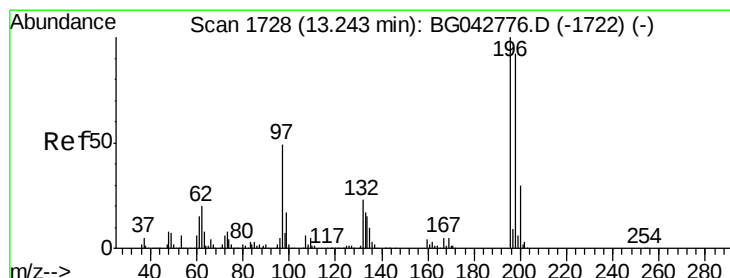
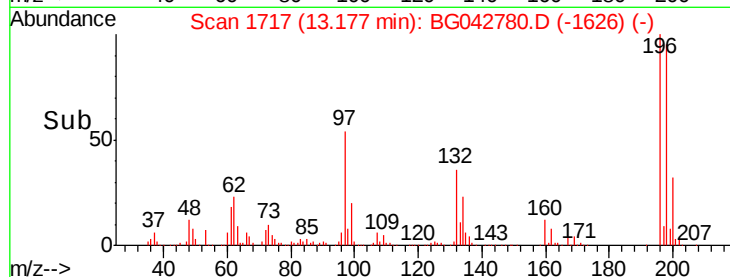
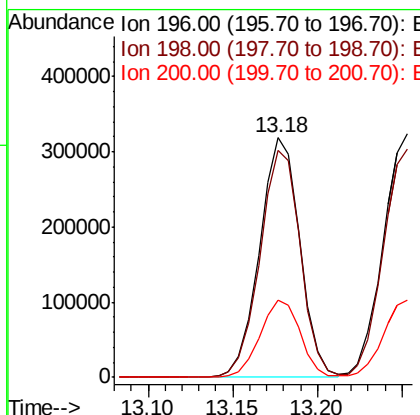
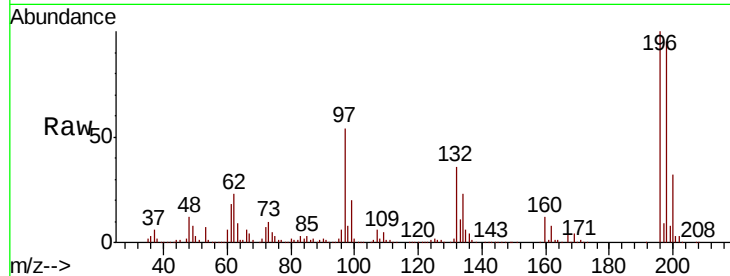




#43
 2,4,6-Trichlorophenol
 Concen: 100.422 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

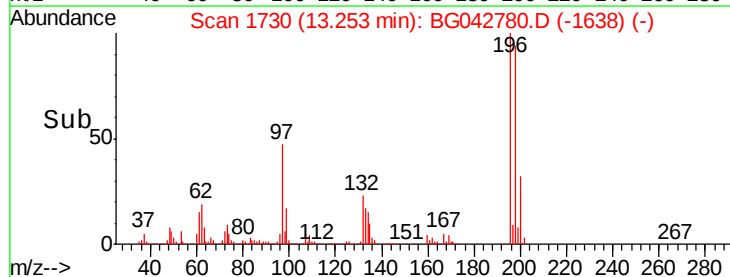
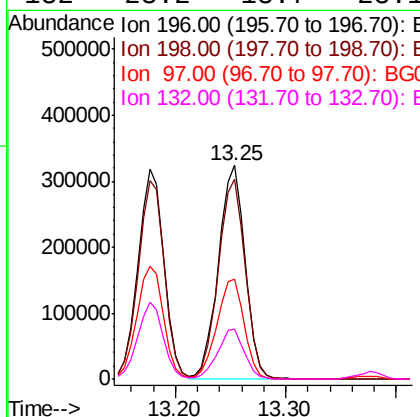
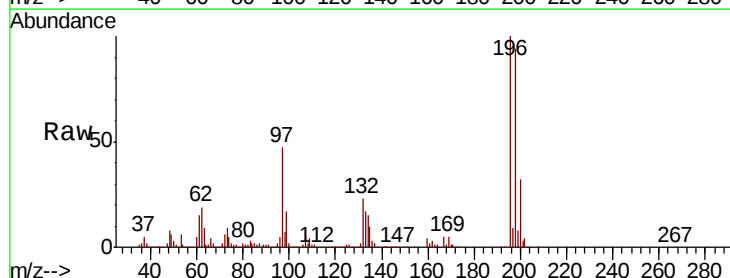
Instrument :
 BNA_G
 ClientSampleId :

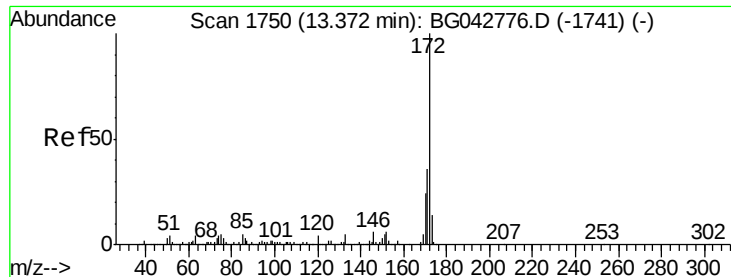
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	78.8	118.2
200	32.1	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 100.669 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	73.4	110.0
97	46.9	39.2	58.8
132	23.2	18.7	28.1



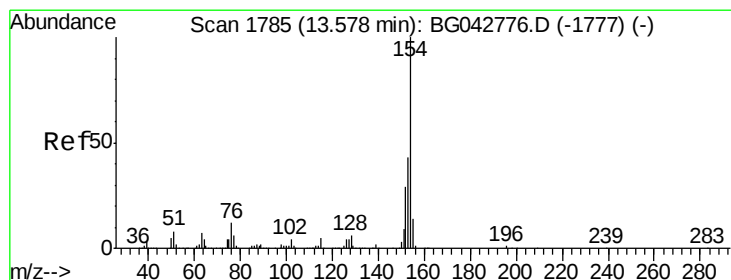
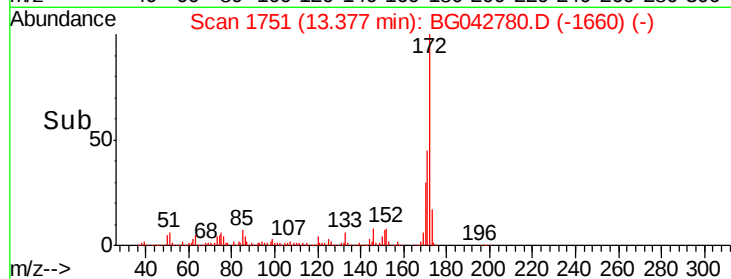
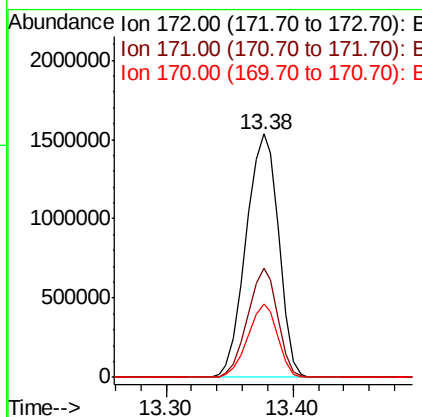
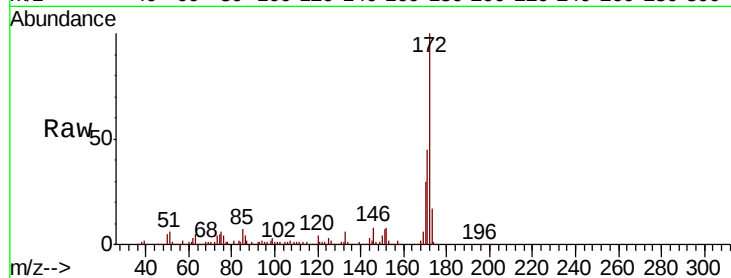


#45
 2-Fluorobiphenyl
 Concen: 172.734 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 2737178

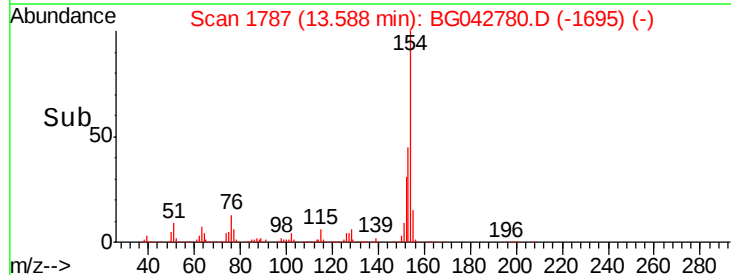
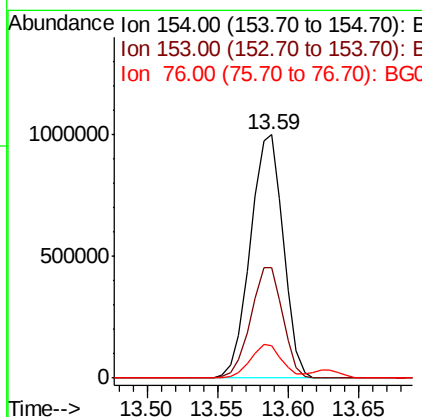
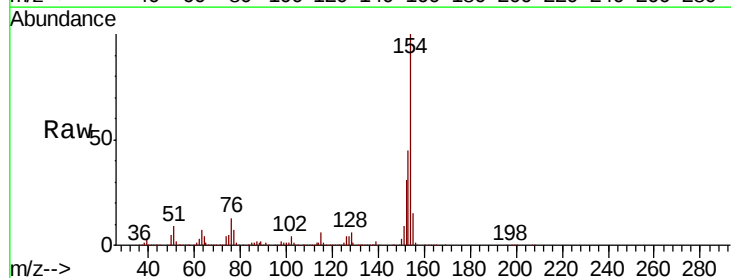
Ion	Ratio	Lower	Upper
172	100		
171	45.1	28.9	43.3#
170	30.1	19.1	28.7#

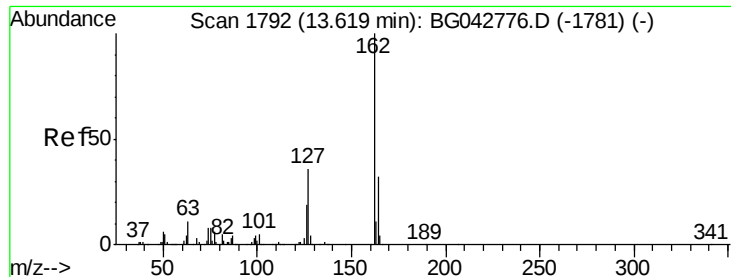


#46
 1,1'-Biphenyl
 Concen: 93.829 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion:154 Resp: 1632166

Ion	Ratio	Lower	Upper
154	100		
153	45.3	22.6	62.6
76	13.3	0.0	32.2





#47

2-Chloronaphthalene

Concen: 94.515 ng

RT: 13.63 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

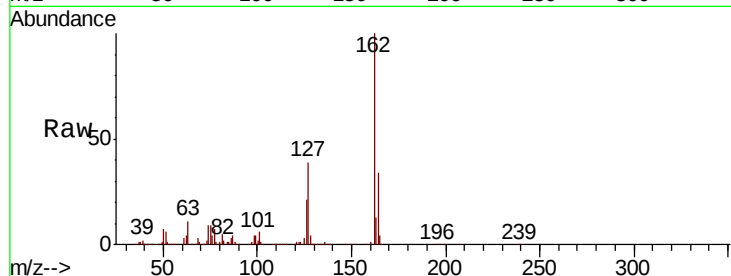
Tot Ion:162 Resp: 1363412

Ion Ratio Lower Upper

162 100

127 38.8 29.3 43.9

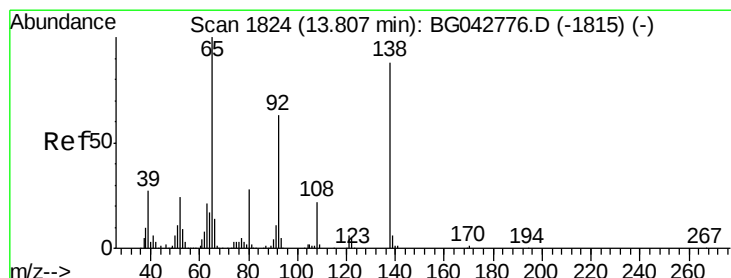
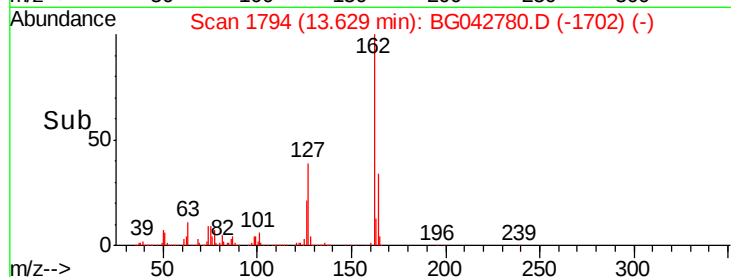
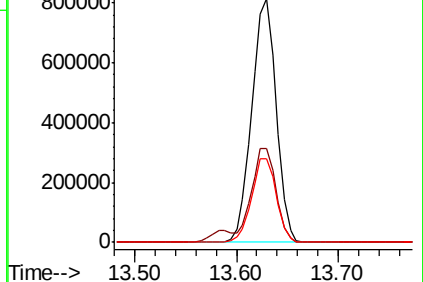
164 34.2 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 129.879 ng

RT: 13.82 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

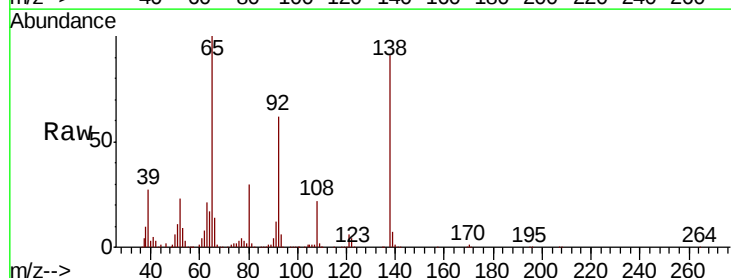
Tgt Ion: 65 Resp: 533594

Ion Ratio Lower Upper

65 100

92 61.5 50.4 75.6

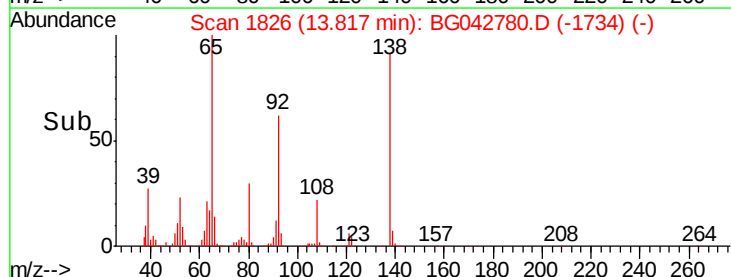
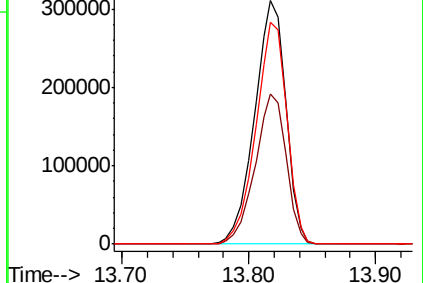
138 91.0 70.6 106.0

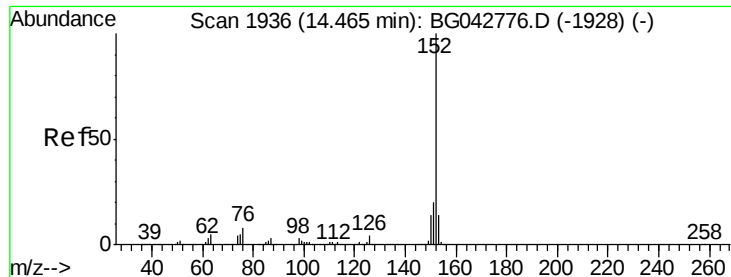


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 90.381 ng

RT: 14.47 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

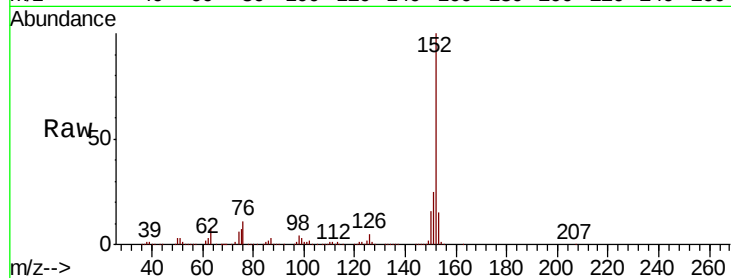
Tot Ion:152 Resp: 2009911

Ion Ratio Lower Upper

152 100

151 24.7 16.0 24.0#

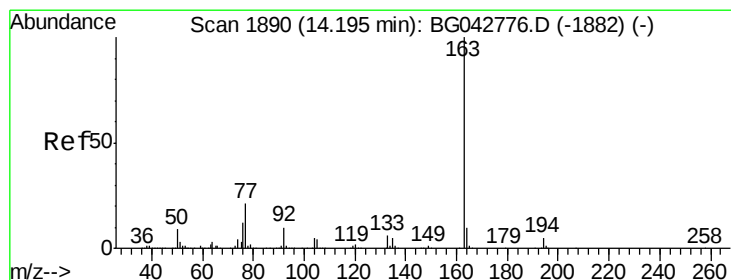
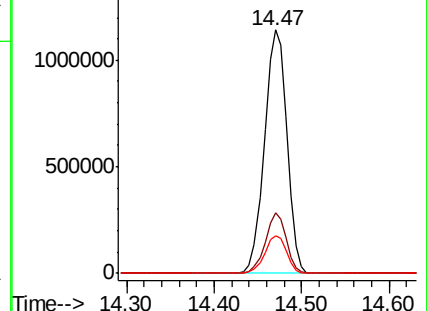
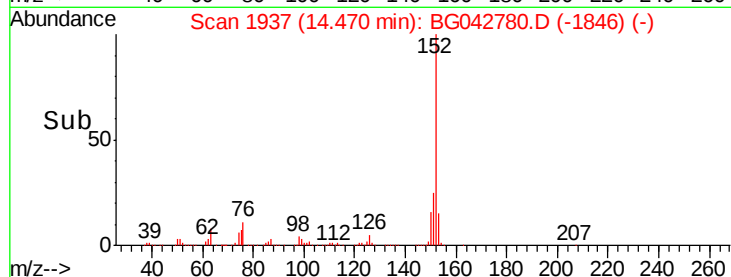
153 15.2 11.4 17.0



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: 91.818 ng

RT: 14.21 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

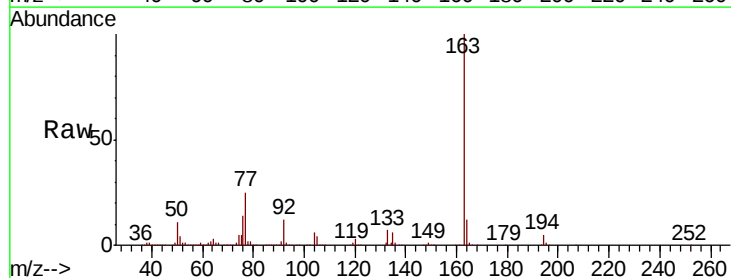
Tgt Ion:163 Resp: 1716876

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.4

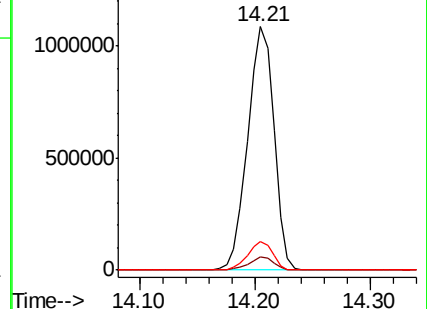
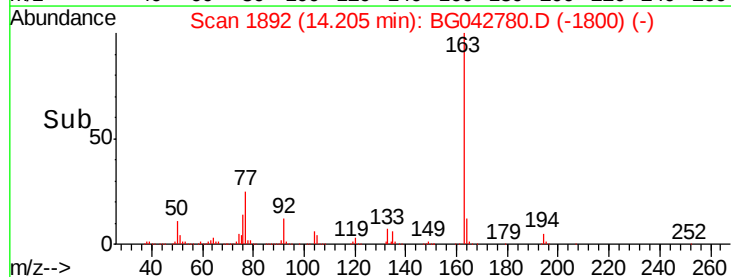
164 12.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

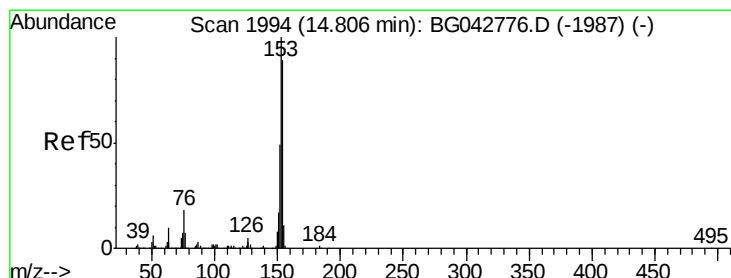
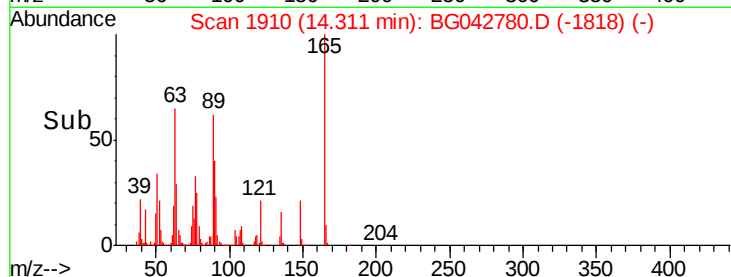
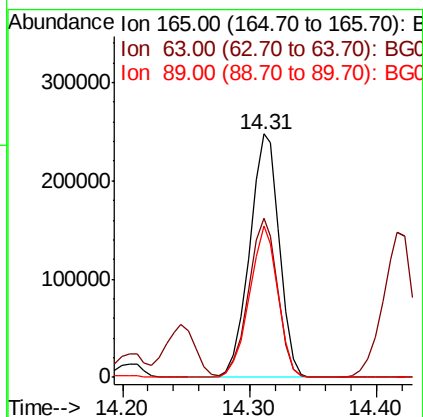
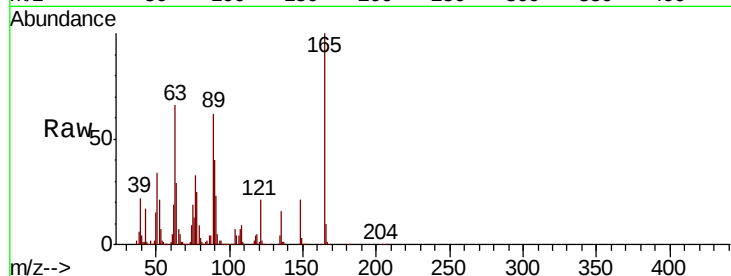




#51
 2,6-Dinitrotoluene
 Concen: 125.284 ng
 RT: 14.31 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

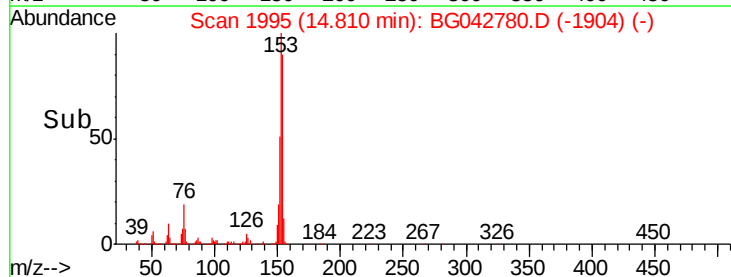
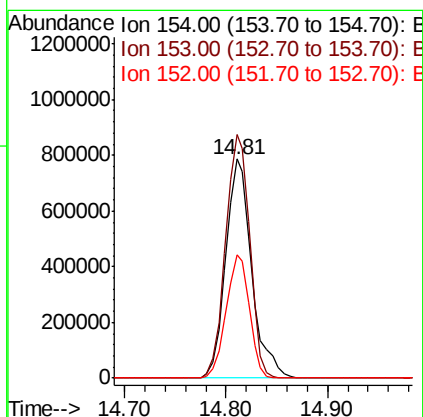
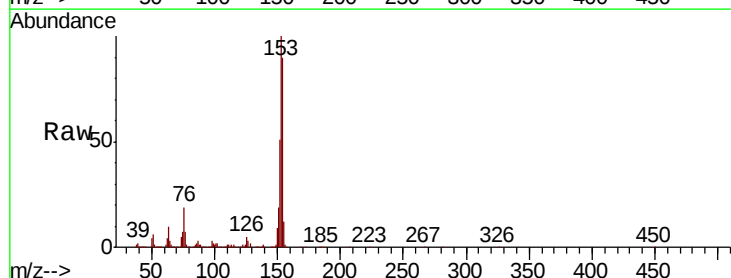
Instrument :
 BNA_G
 ClientSampleId :

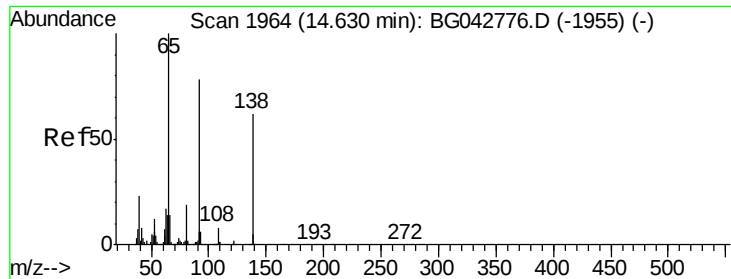
Tot Ion:165 Resp: 402158
 Ion Ratio Lower Upper
 165 100
 63 65.6 52.1 78.1
 89 62.0 51.7 77.5



#52
 Acenaphthene
 Concen: 97.967 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion:154 Resp: 1393146
 Ion Ratio Lower Upper
 154 100
 153 111.2 89.4 134.2
 152 56.3 43.5 65.3

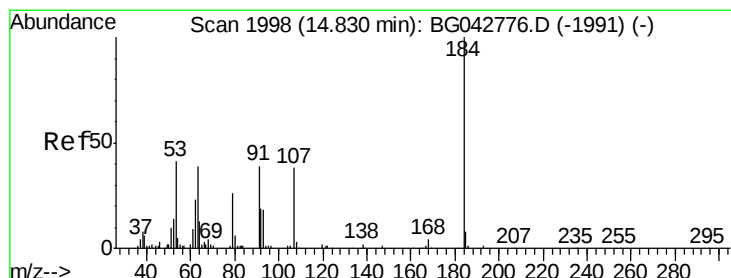
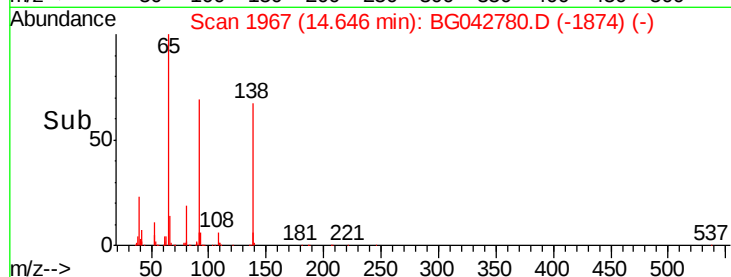
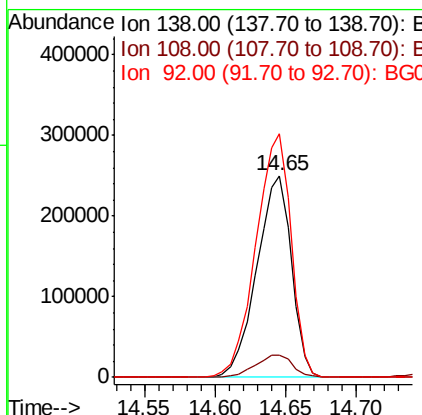
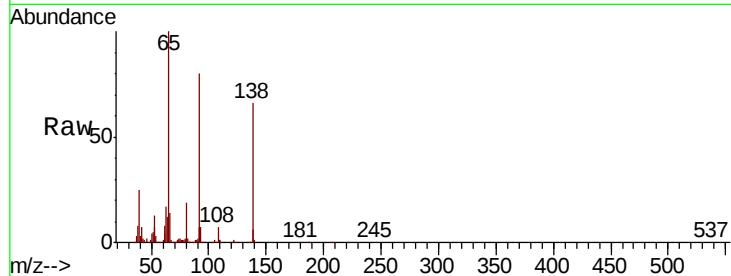




#53
3-Nitroaniline
Concen: 115.716 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.02 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

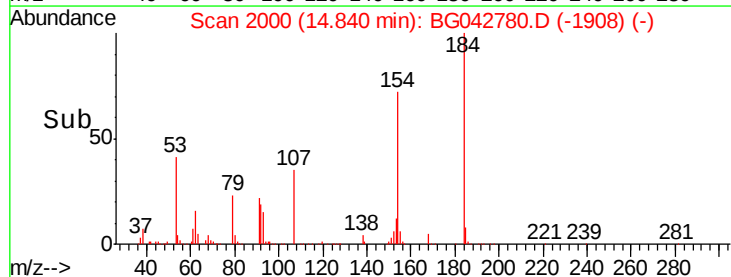
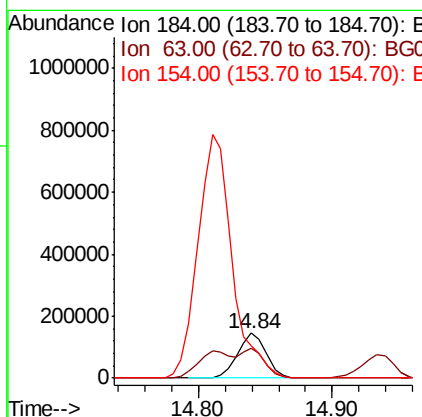
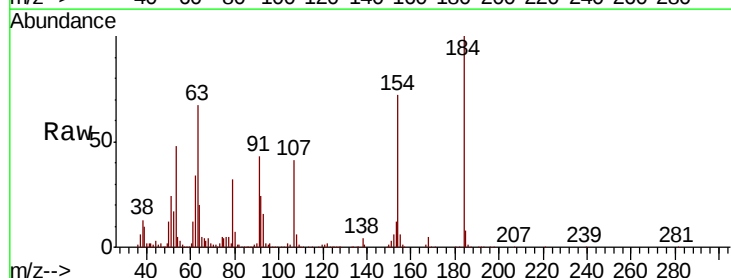
Instrument :
BNA_G
ClientSampleId :

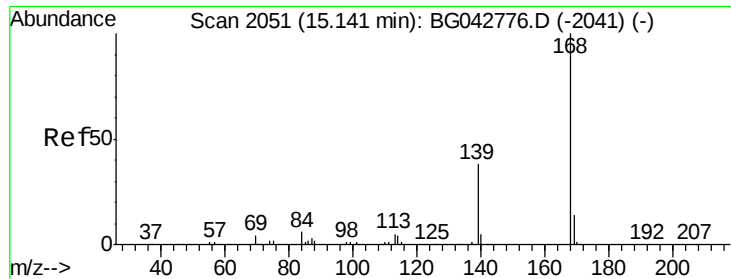
Tot Ion:138 Resp: 431930
Ion Ratio Lower Upper
138 100
108 11.3 10.7 16.1
92 120.5 100.5 150.7



#54
2,4-Dinitrophenol
Concen: 138.044 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion:184 Resp: 216900
Ion Ratio Lower Upper
184 100
63 66.9 46.2 69.4
154 72.4 81.3 121.9#

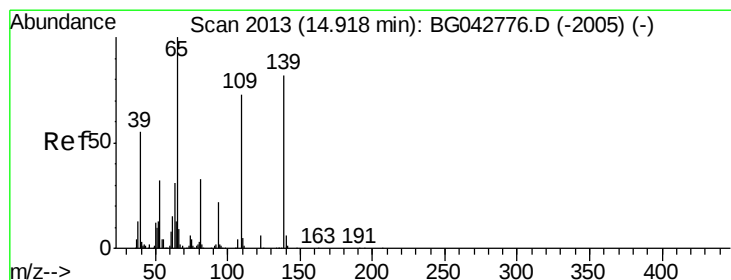
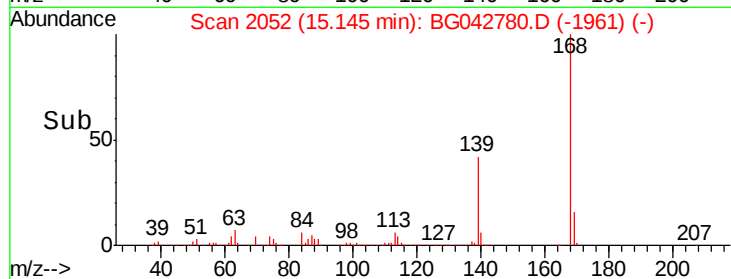
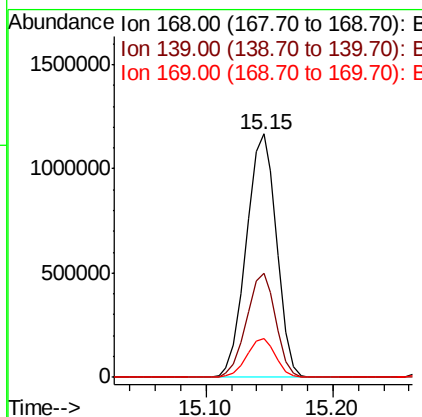
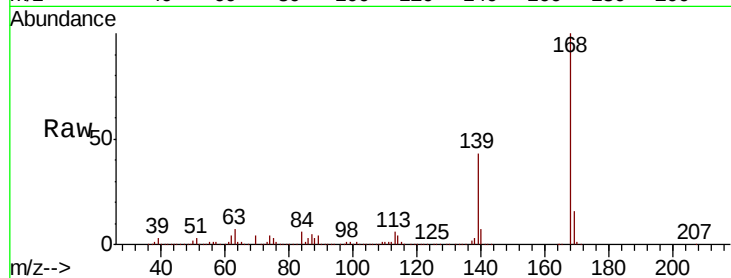




#55
Dibenzofuran
Concen: 89.793 ng
RT: 15.15 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

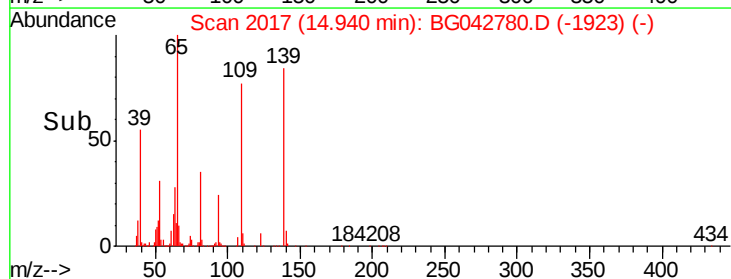
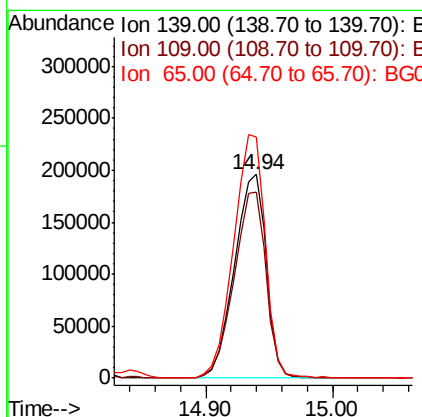
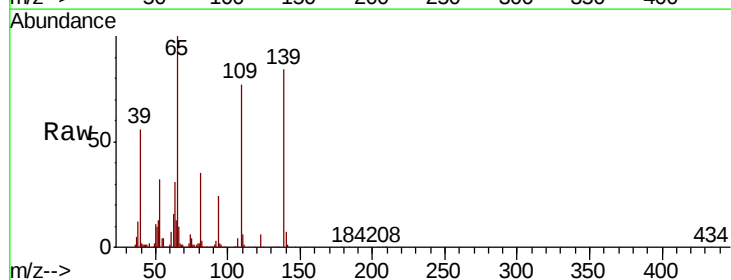
Instrument :
BNA_G
ClientSampleId :

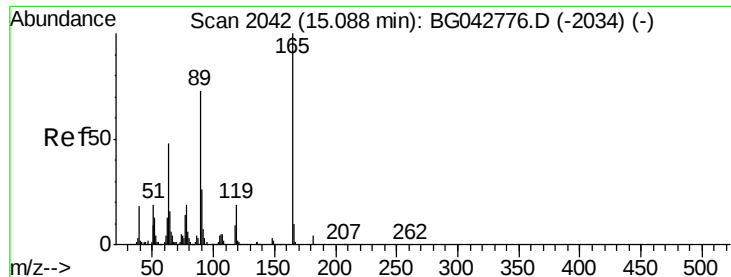
Tot Ion:168 Resp: 1929099
Ion Ratio Lower Upper
168 100
139 42.6 30.2 45.4
169 15.8 11.2 16.8



#56
4-Nitrophenol
Concen: 114.234 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.02 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion:139 Resp: 339285
Ion Ratio Lower Upper
139 100
109 91.7 69.4 109.4
65 118.6 102.5 142.5

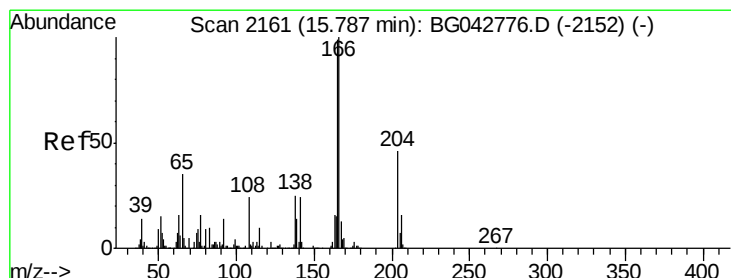
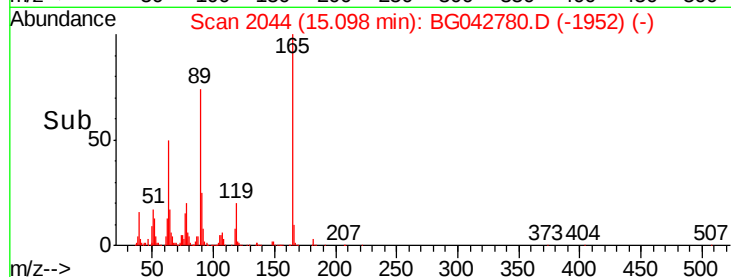
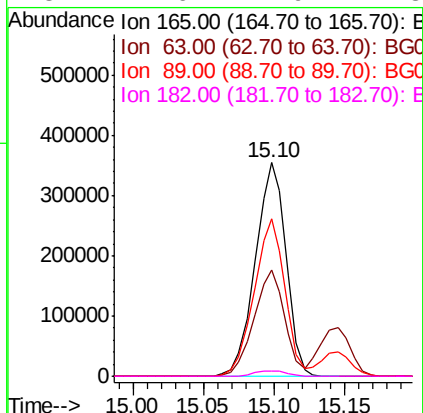
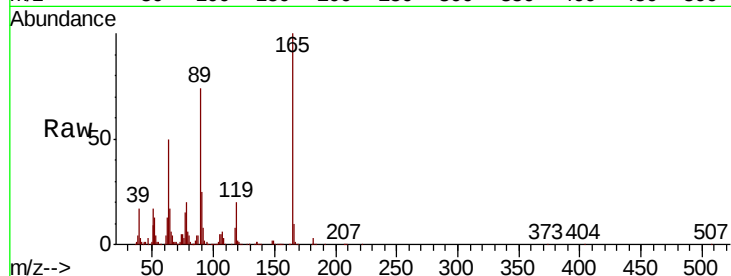




#57
 2,4-Dinitrotoluene
 Concen: 133.054 ng
 RT: 15.10 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

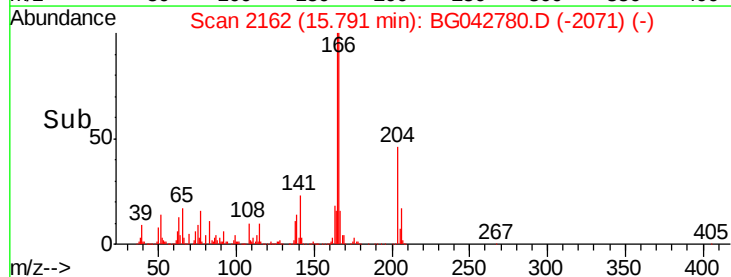
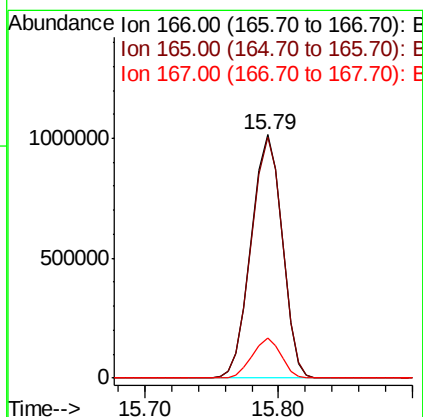
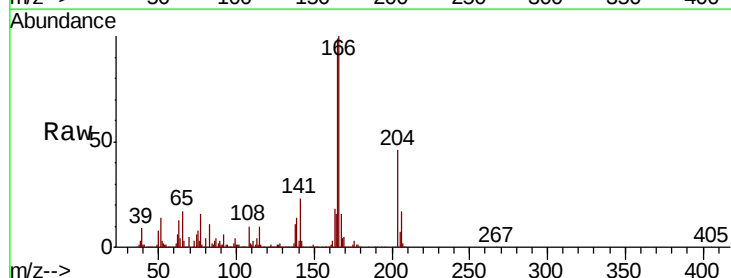
Instrument :
 BNA_G
 ClientSampleId :

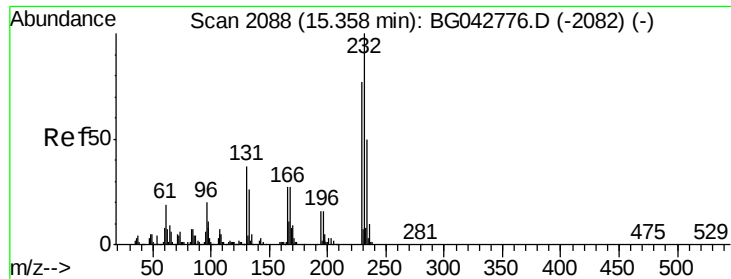
Tot Ion:165 Resp: 541416
 Ion Ratio Lower Upper
 165 100
 63 49.6 38.3 57.5
 89 73.9 58.4 87.6
 182 2.6 2.9 4.3#



#58
 Fluorene
 Concen: 91.565 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion:166 Resp: 1629510
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.1 118.7
 167 16.3 10.7 16.1#





#59

2,3,4,6-Tetrachlorophenol

Concen: 99.024 ng

RT: 15.36 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 520802

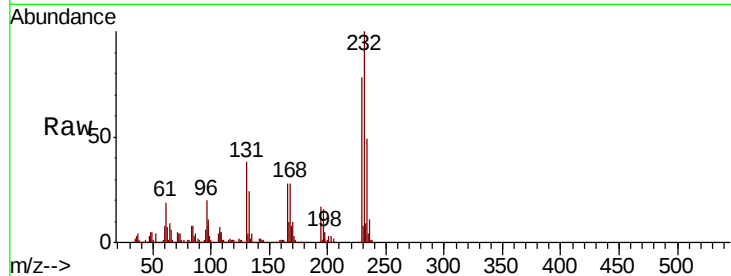
Ion Ratio Lower Upper

232 100

131 37.6 31.1 46.7

130 2.5 1.8 2.6

166 27.3 21.7 32.5

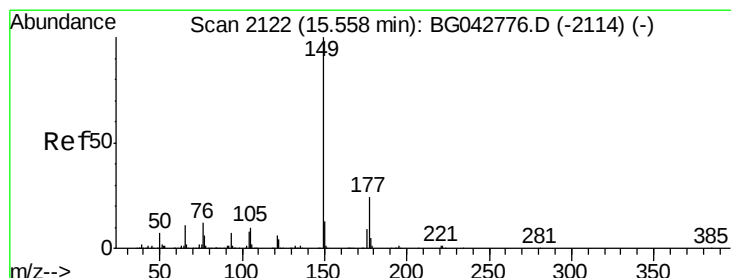
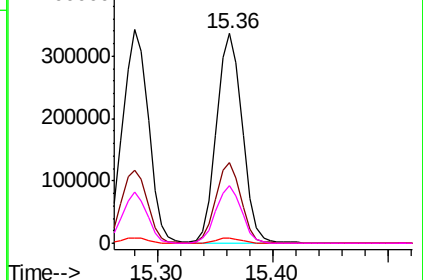
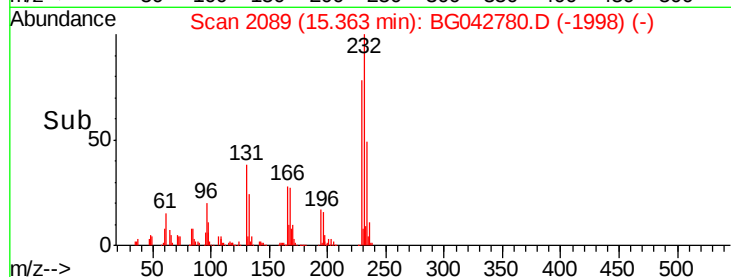


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 91.715 ng

RT: 15.57 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

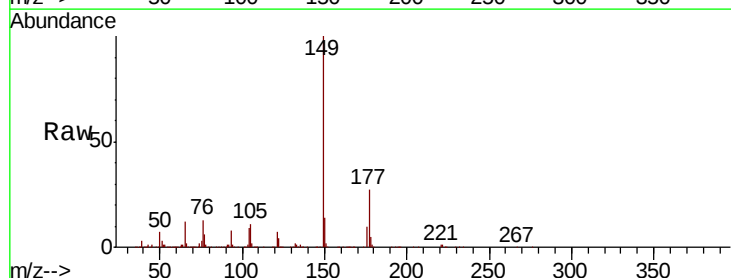
Tgt Ion:149 Resp: 1744932

Ion Ratio Lower Upper

149 100

177 26.8 19.4 29.0

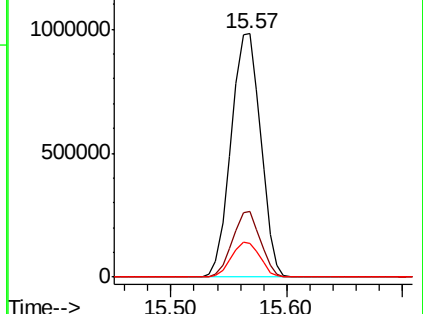
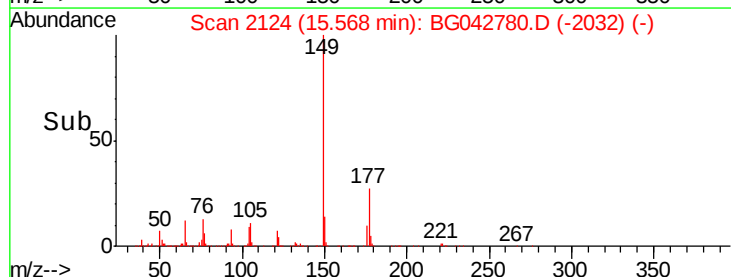
150 14.1 10.2 15.4

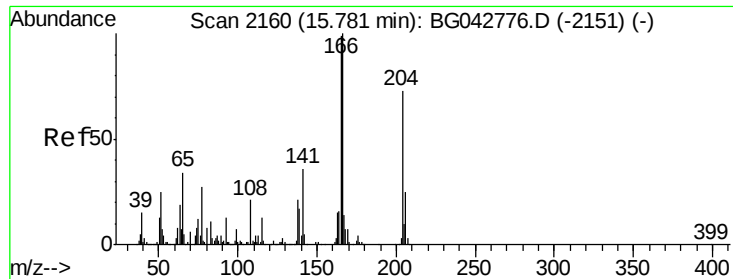


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

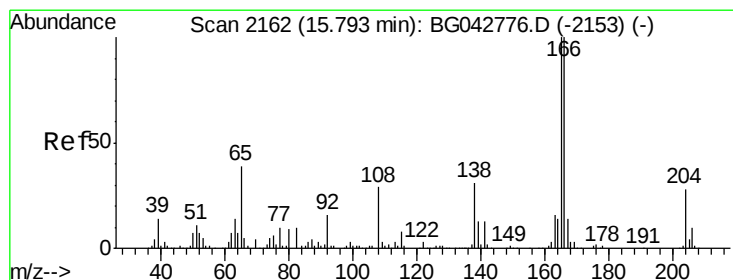
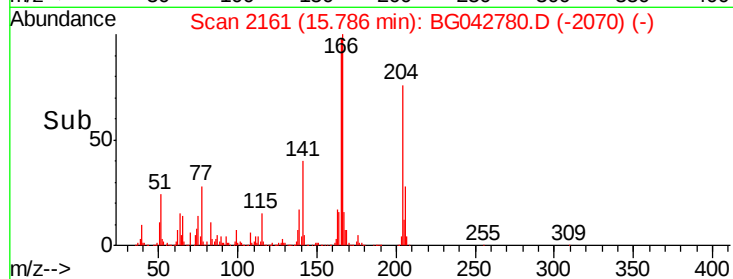
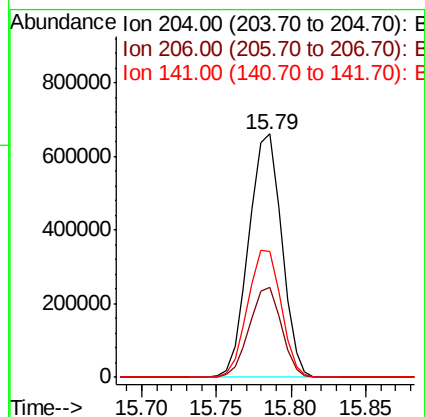
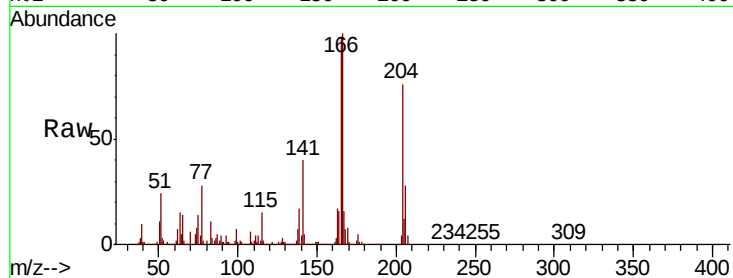




#61
 4-Chlorophenyl-phenylether
 Concen: 95.896 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

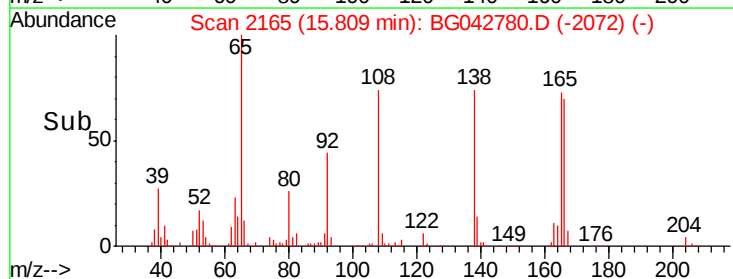
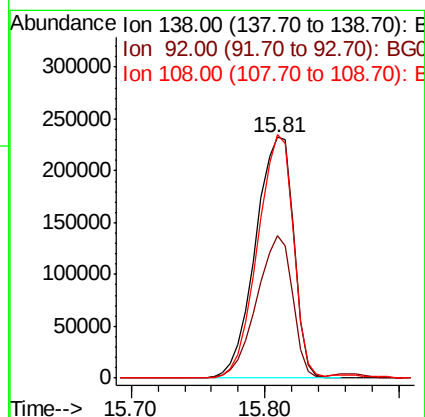
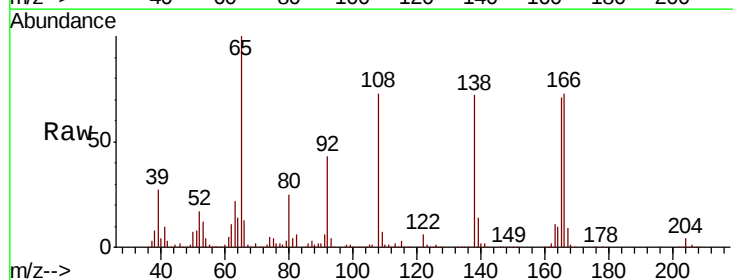
Instrument :
 BNA_G
 ClientSampled :

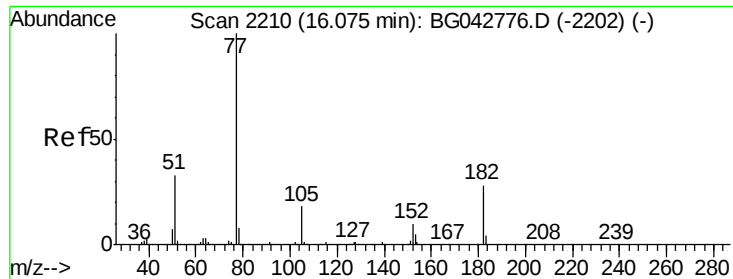
Tot Ion:204 Resp: 1007159
 Ion Ratio Lower Upper
 204 100
 206 37.0 27.6 41.4
 141 51.9 39.8 59.6



#62
 4-Nitroaniline
 Concen: 108.147 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.02 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion:138 Resp: 460009
 Ion Ratio Lower Upper
 138 100
 92 59.1 31.4 71.4
 108 101.0 74.8 114.8

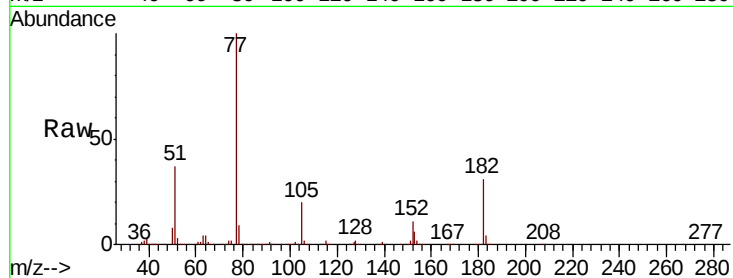




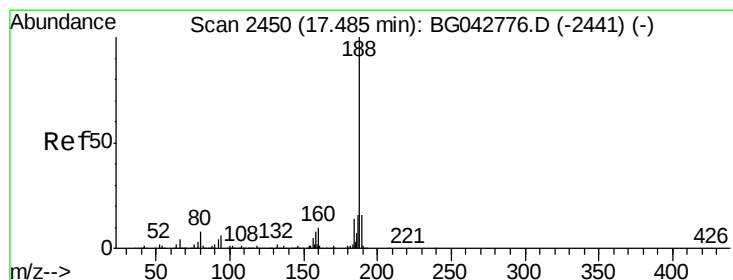
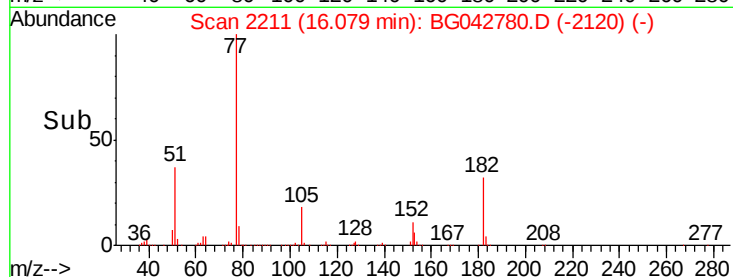
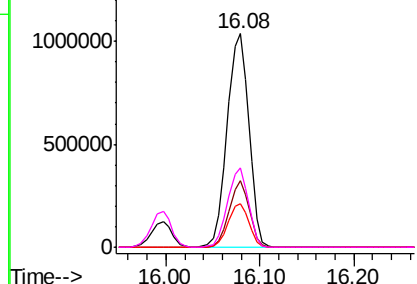
#63
Azobenzene
Concen: 90.765 ng
RT: 16.08 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1666191
Ion Ratio Lower Upper
77 100
182 31.4 8.1 48.1
105 20.3 0.0 38.1
51 37.0 12.9 52.9

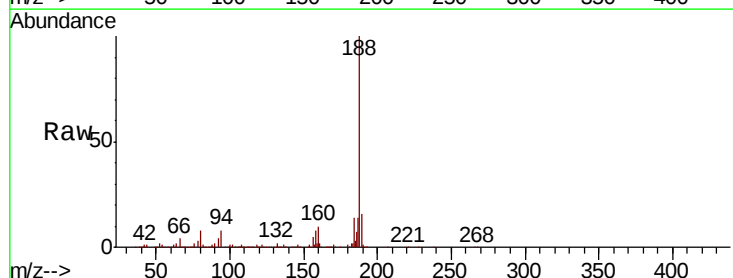


Abundance Ion 77.00 (76.70 to 77.70): BG042776.D (-2202) (-)
Ion 182.00 (181.70 to 182.70): BG042776.D (-2202) (-)
Ion 105.00 (104.70 to 105.70): BG042776.D (-2202) (-)
Ion 51.00 (50.70 to 51.70): BG042776.D (-2202) (-)

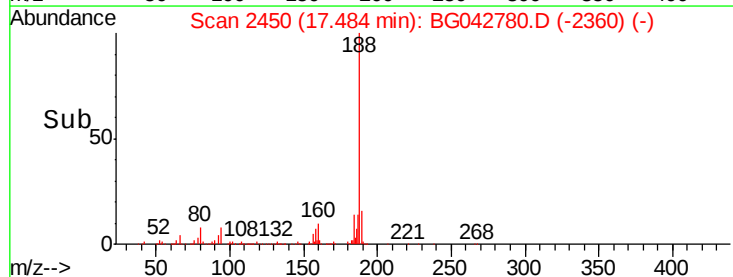
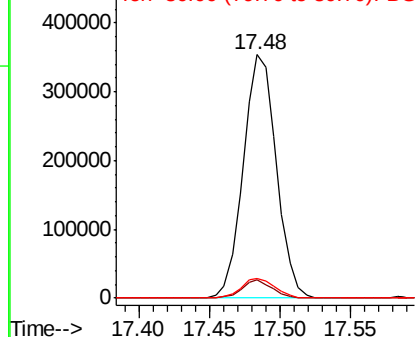


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion: 188 Resp: 578003
Ion Ratio Lower Upper
188 100
94 7.7 4.8 7.2#
80 8.3 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): BG042776.D (-2441) (-)
Ion 94.00 (93.70 to 94.70): BG042776.D (-2441) (-)
Ion 80.00 (79.70 to 80.70): BG042776.D (-2441) (-)

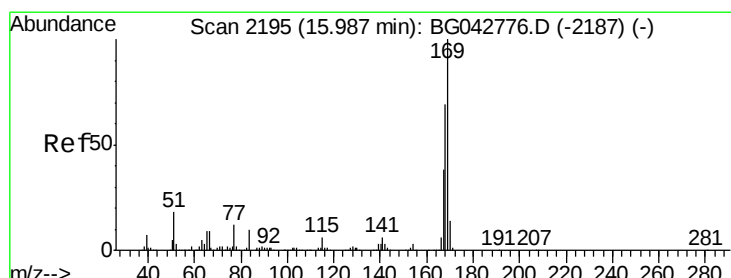
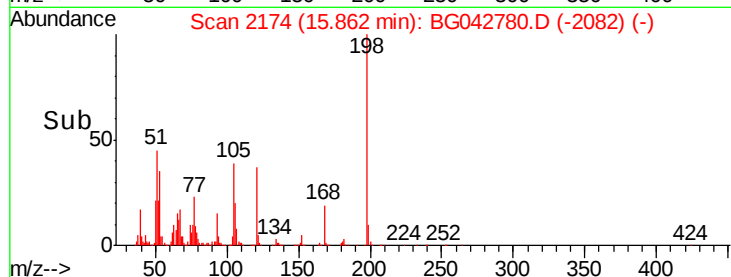
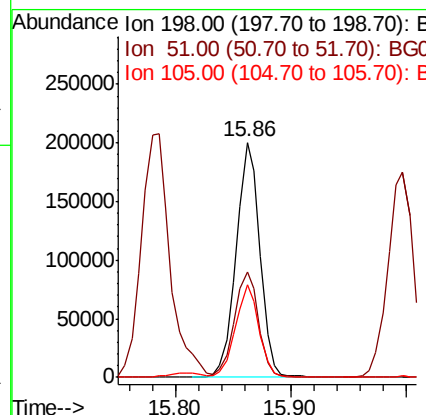
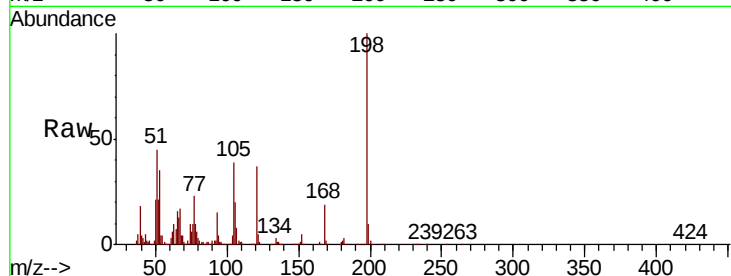




#65
 4,6-Dinitro-2-methylphenol
 Concen: 142.708 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. 0.01 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

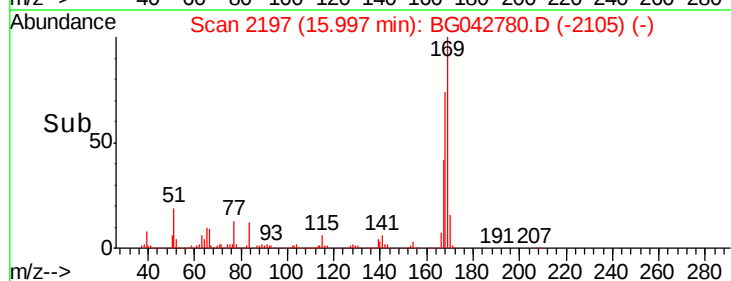
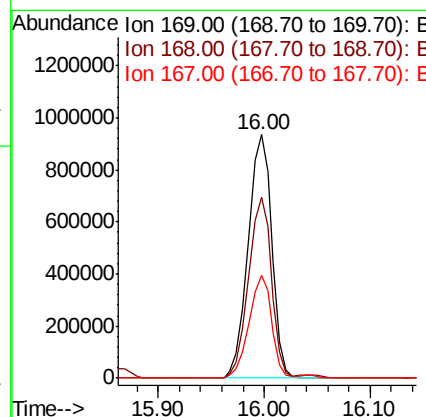
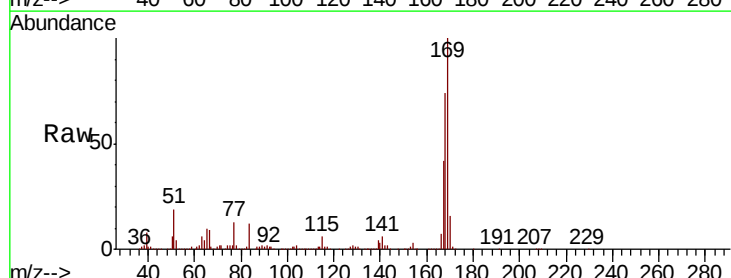
Instrument :
 BNA_G
 ClientSampleId :

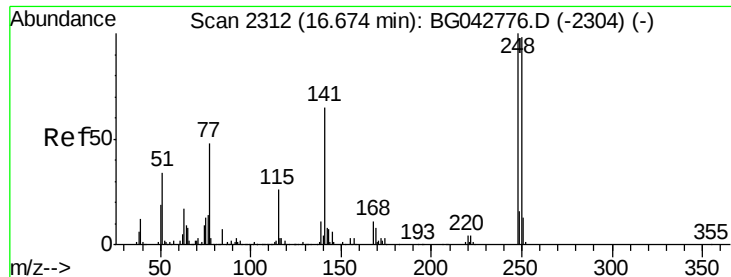
Tot Ion	Ratio	Lower	Upper
198	100		
51	45.0	20.9	60.9
105	39.4	16.4	56.4



#66
 n-Nitrosodiphenylamine
 Concen: 92.855 ng
 RT: 16.00 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.2	55.4	83.2
167	42.3	30.4	45.6

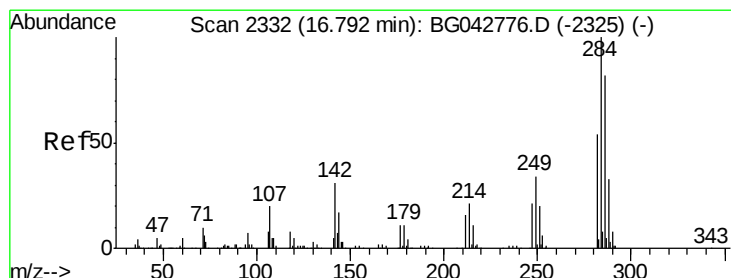
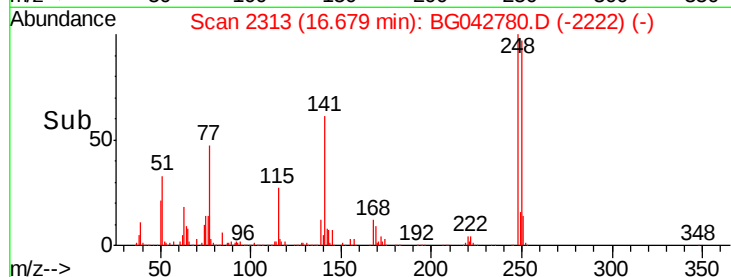
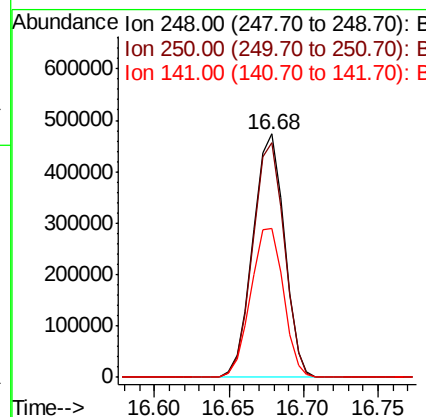
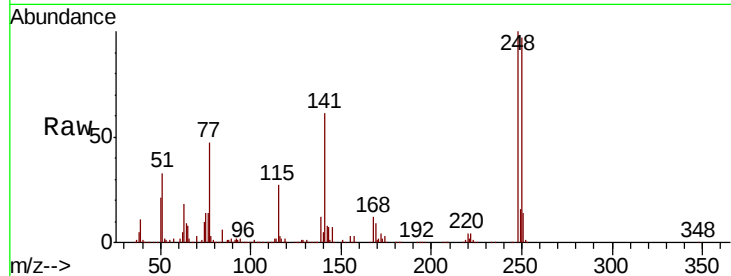




#67
4-Bromophenyl-phenylether
Concen: 98.233 ng
RT: 16.68 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

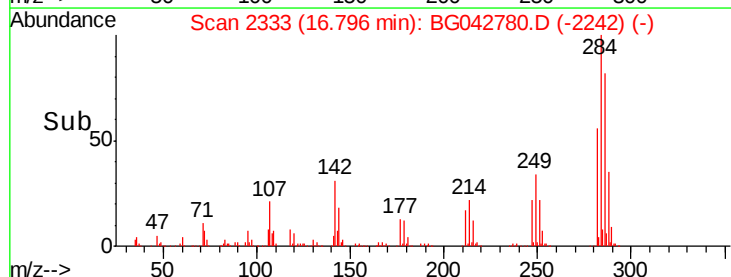
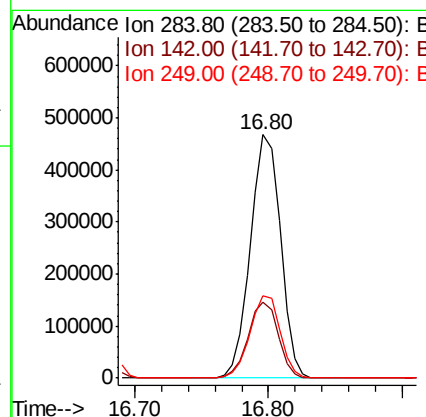
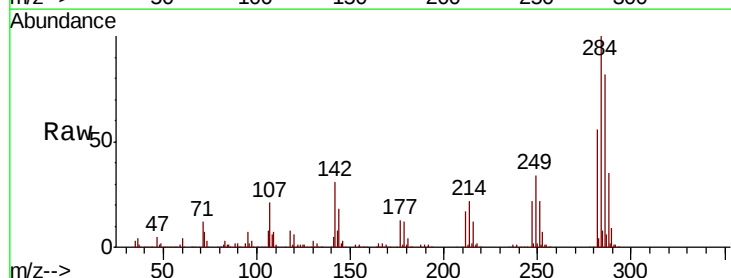
Instrument :
BNA_G
ClientSampled :

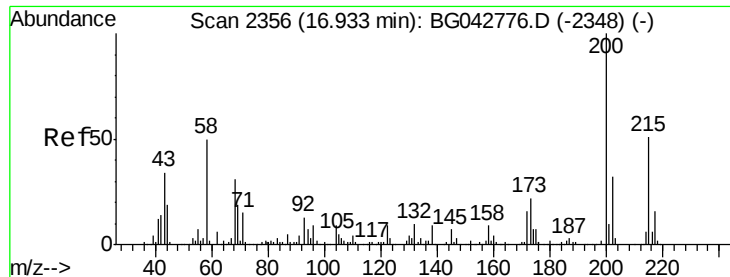
Tot Ion:248 Resp: 687598
Ion Ratio Lower Upper
248 100
250 96.5 78.0 117.0
141 61.3 51.8 77.6



#68
Hexachlorobenzene
Concen: 97.932 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion:284 Resp: 725151
Ion Ratio Lower Upper
284 100
142 31.4 24.7 37.1
249 34.1 27.0 40.4





#69

Atrazine

Concen: 38.151 ng

RT: 16.94 min Scan# 2357

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

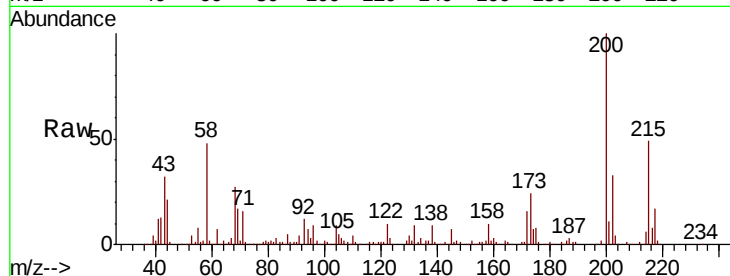
Tot Ion:200 Resp: 191550

Ion Ratio Lower Upper

200 100

173 23.7 2.5 42.5

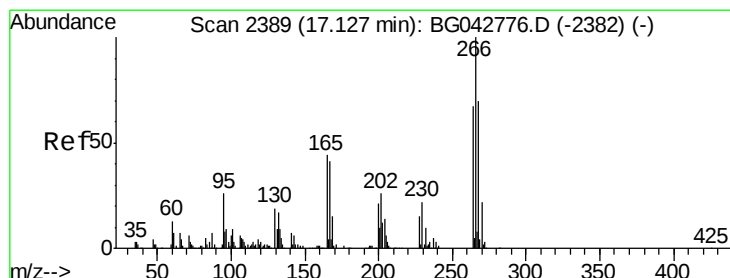
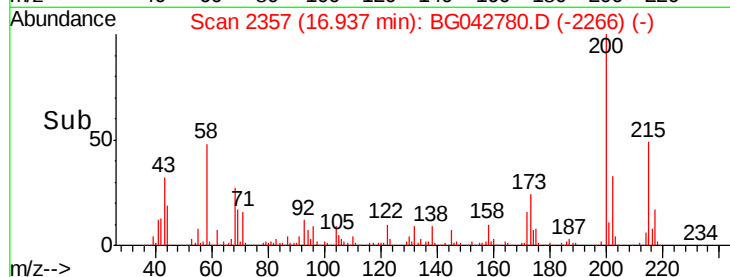
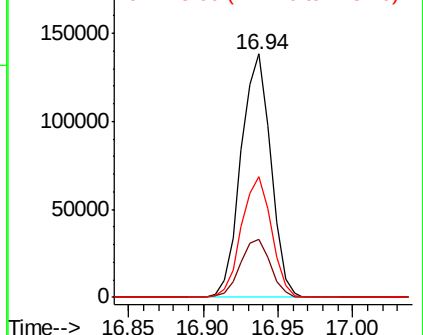
215 49.4 31.0 71.0



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: 101.072 ng

RT: 17.13 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

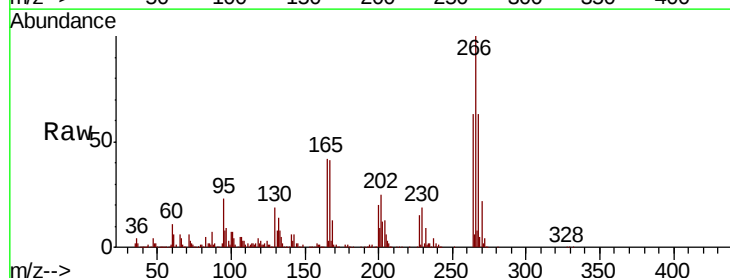
Tgt Ion:266 Resp: 421079

Ion Ratio Lower Upper

266 100

268 63.3 56.2 84.4

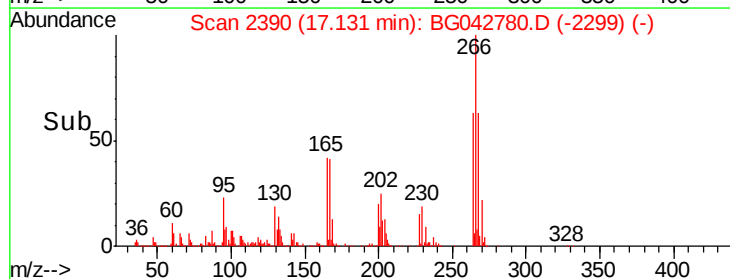
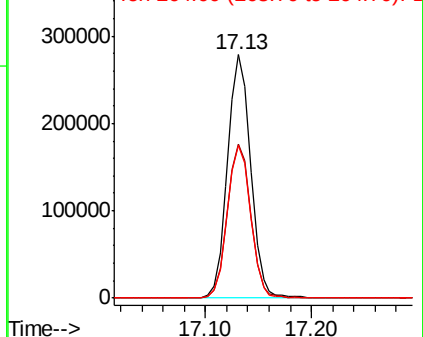
264 62.8 53.4 80.2

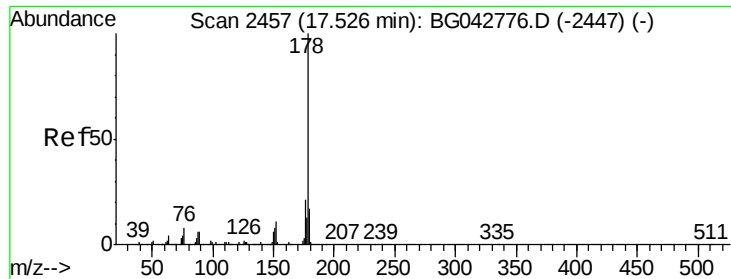


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 87.965 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

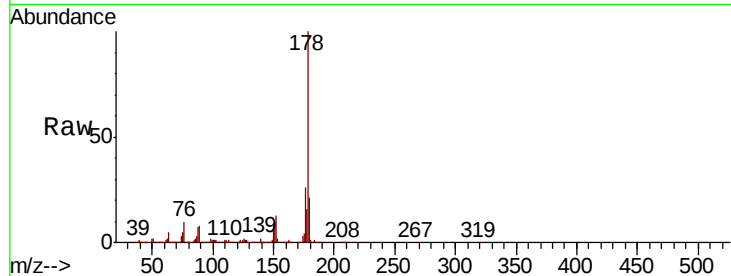
Tot Ion:178 Resp: 2443808

Ion Ratio Lower Upper

178 100

176 25.6 17.0 25.4#

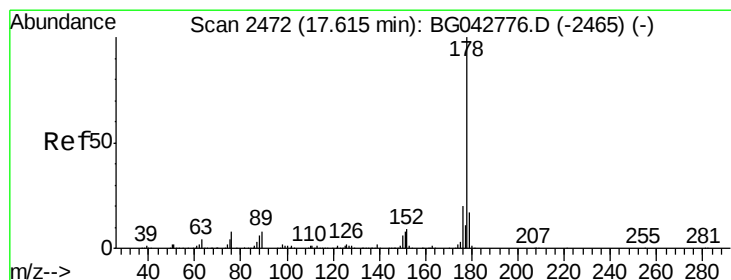
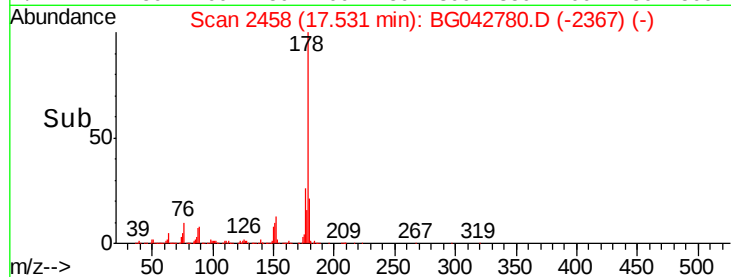
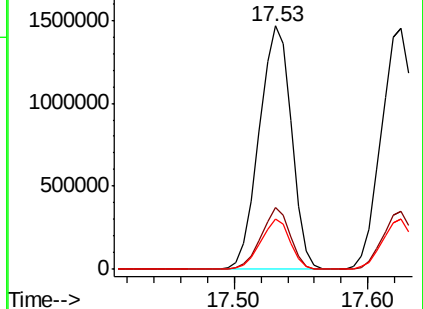
179 20.8 13.6 20.4#



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: 87.766 ng

RT: 17.62 min Scan# 2474

Delta R.T. 0.01 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

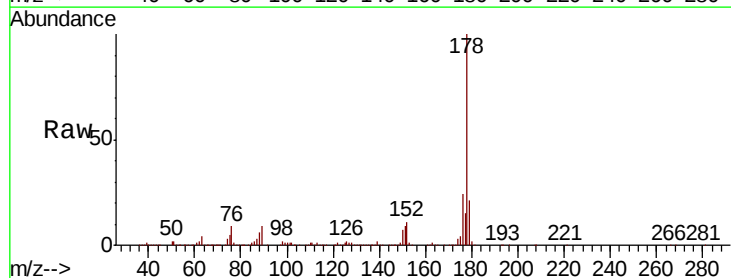
Tgt Ion:178 Resp: 2439276

Ion Ratio Lower Upper

178 100

176 24.0 16.2 24.4

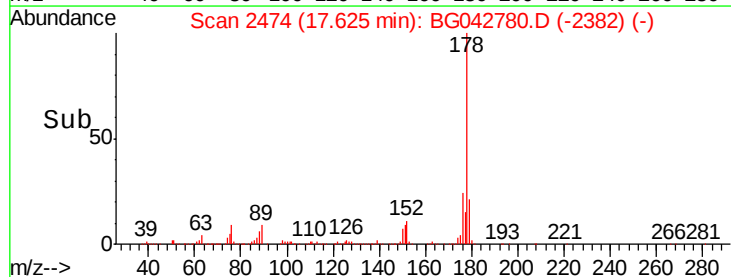
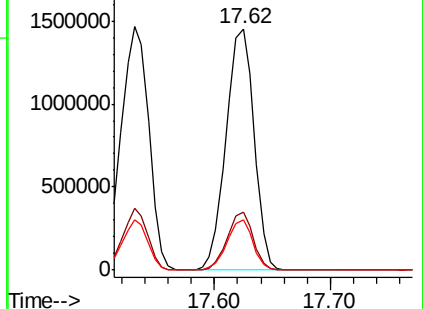
179 21.0 13.6 20.4#

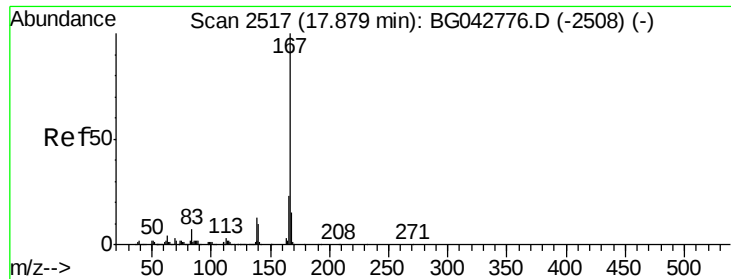


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

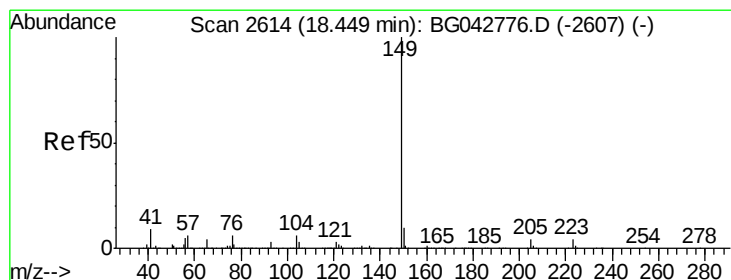
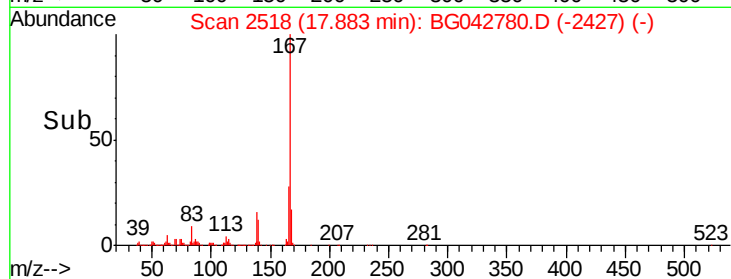
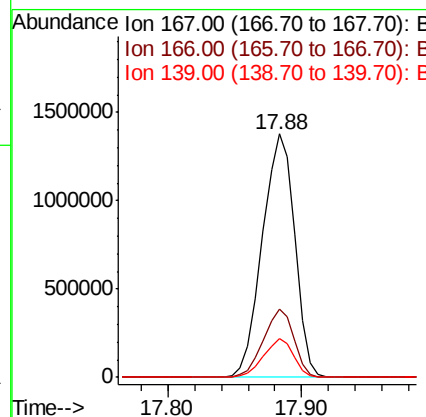
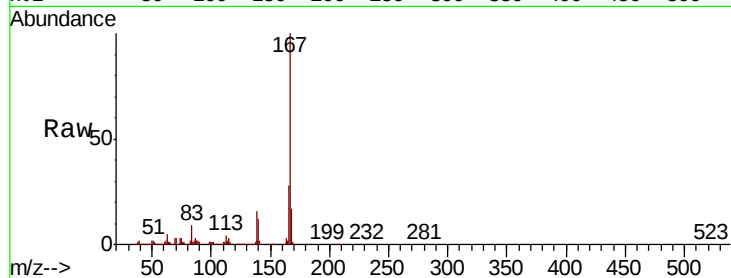




#73
 Carbazole
 Concen: 86.704 ng
 RT: 17.88 min Scan# 2518
 Delta R.T. 0.00 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

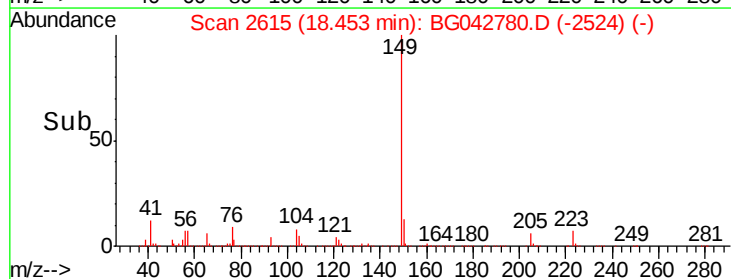
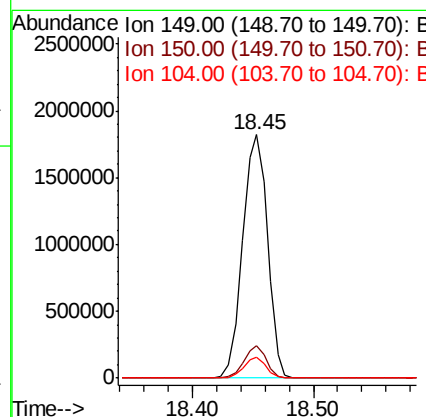
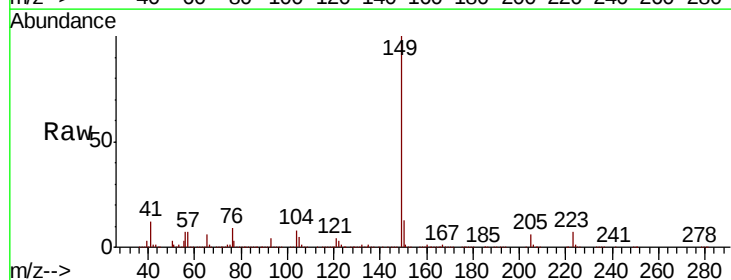
Instrument :
 BNA_G
 ClientSampleId :

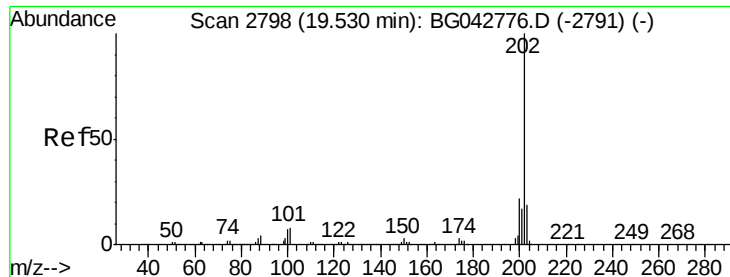
Tot Ion:167 Resp: 2310448
 Ion Ratio Lower Upper
 167 100
 166 27.8 18.3 27.5#
 139 15.8 10.2 15.4#



#74
 Di-n-butylphthalate
 Concen: 82.175 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. 0.00 min
 Lab File: BG042780.D
 Acq: 12 Sep 2019 13:05

Tgt Ion:149 Resp: 2622013
 Ion Ratio Lower Upper
 149 100
 150 13.2 8.0 12.0#
 104 8.4 5.1 7.7#





#75

Fluoranthene

Concen: 80.578 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampled :

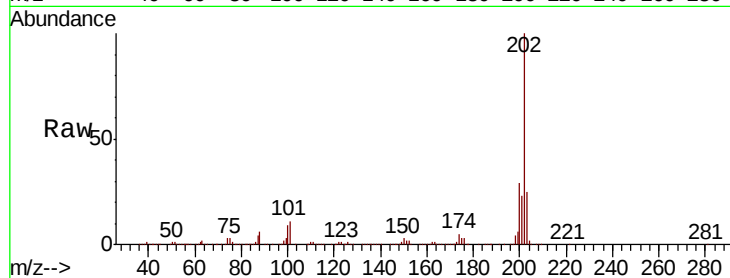
Tot Ion:202 Resp: 2966125

Ion Ratio Lower Upper

202 100

101 10.6 0.0 27.8

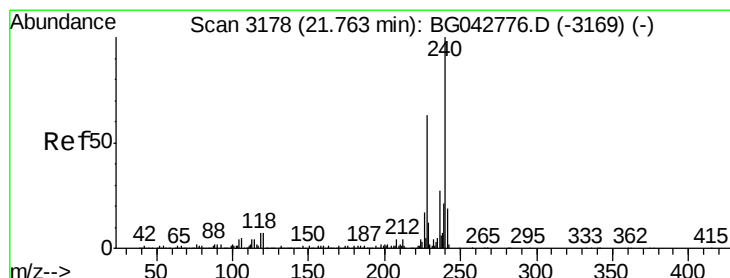
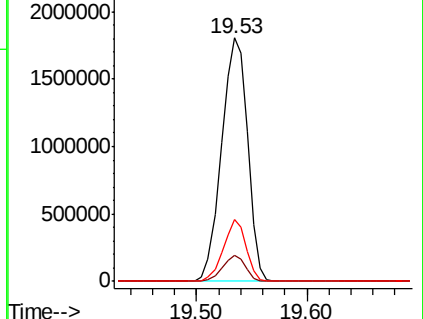
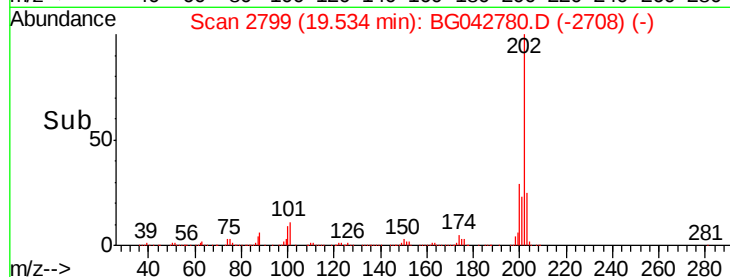
203 25.2 0.0 39.1



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: 21.77 min Scan# 3180

Delta R.T. 0.01 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

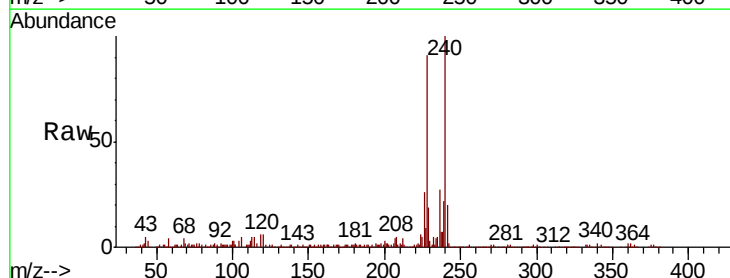
Tgt Ion:240 Resp: 542359

Ion Ratio Lower Upper

240 100

120 5.8 5.4 8.2

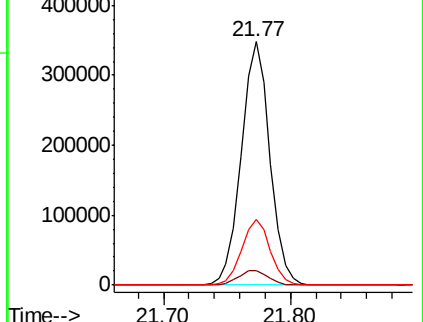
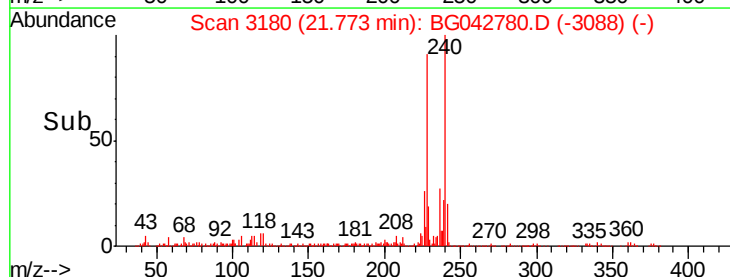
236 27.2 21.7 32.5

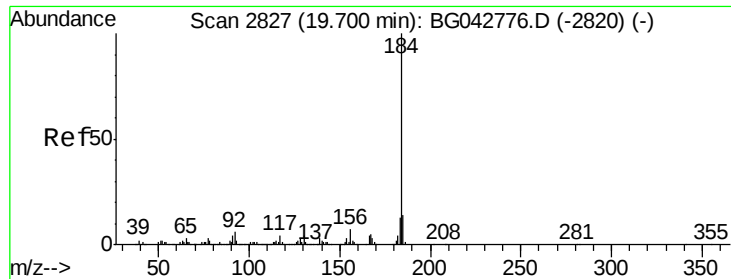


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

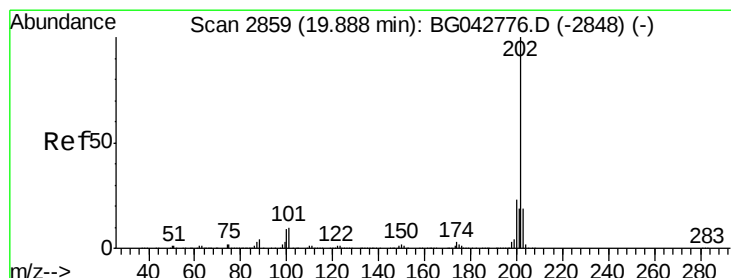
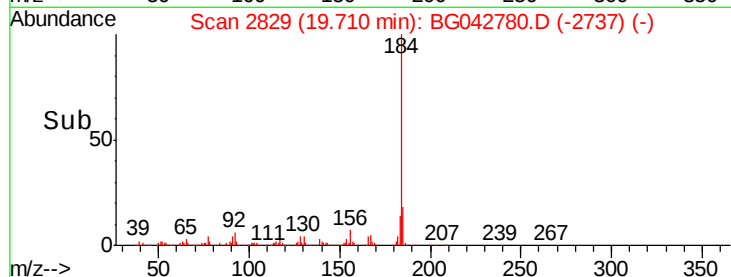
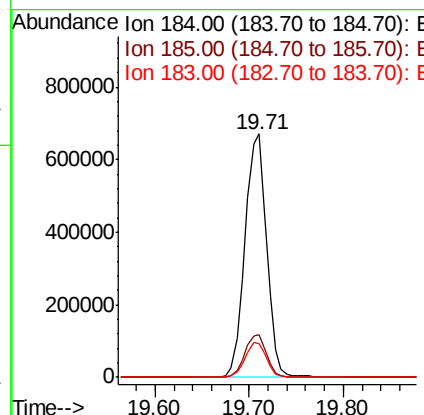
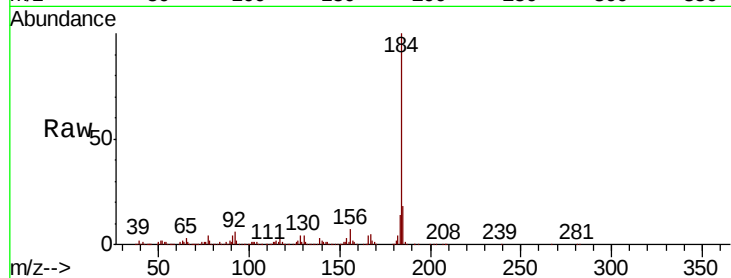




#77
Benzidine
Concen: 66.577 ng
RT: 19.71 min Scan# 2829
Delta R.T. 0.01 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

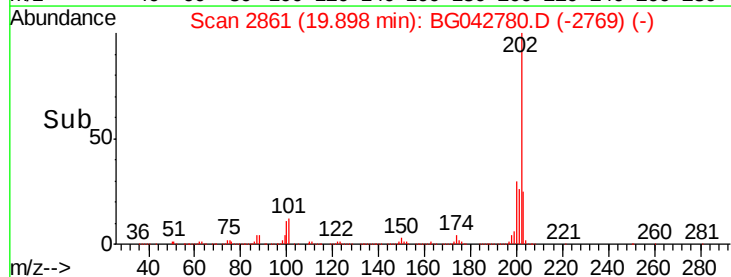
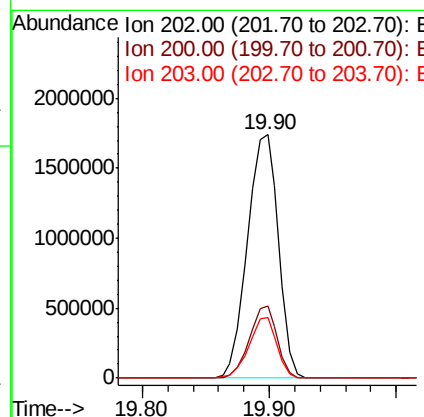
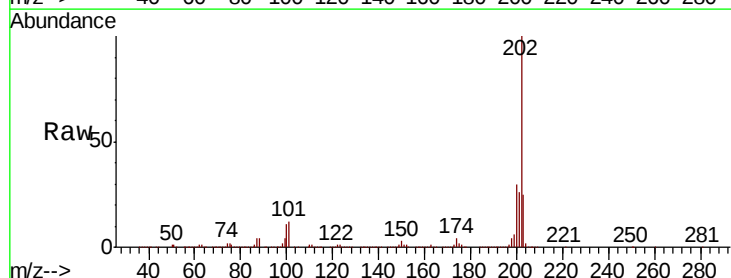
Instrument :
BNA_G
ClientSampleId :

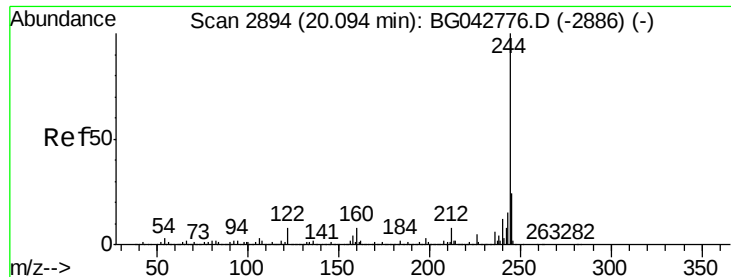
Tot Ion:184 Resp: 1072196
Ion Ratio Lower Upper
184 100
185 17.6 11.6 17.4#
183 14.1 10.4 15.6



#78
Pyrene
Concen: 87.113 ng
RT: 19.90 min Scan# 2861
Delta R.T. 0.01 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion:202 Resp: 2947598
Ion Ratio Lower Upper
202 100
200 29.8 18.5 27.7#
203 25.0 15.3 22.9#





#79

Terphenyl-d14

Concen: 154.668 ng

RT: 20.10 min Scan# 2895

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampled :

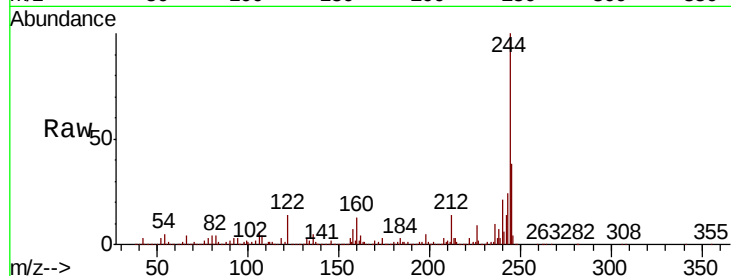
Tot Ion:244 Resp: 3792001

Ion Ratio Lower Upper

244 100

212 14.5 6.6 10.0#

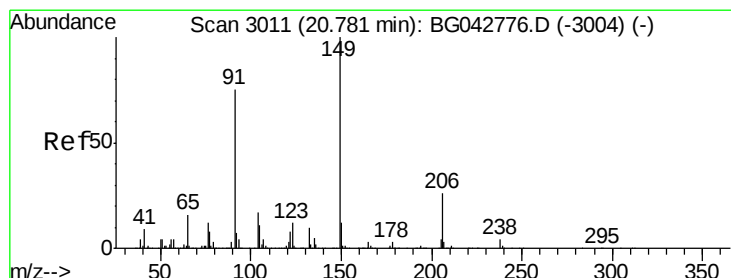
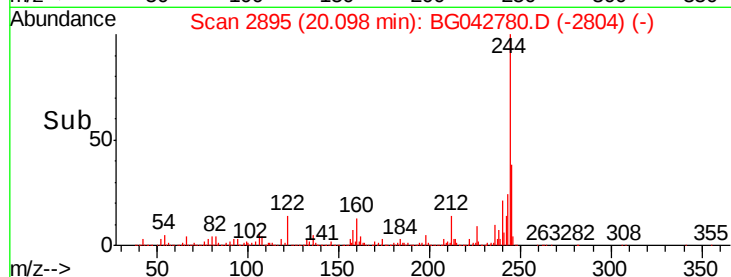
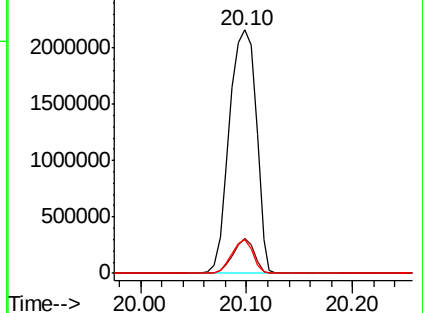
122 14.0 6.2 9.4#



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: 98.271 ng

RT: 20.79 min Scan# 3012

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

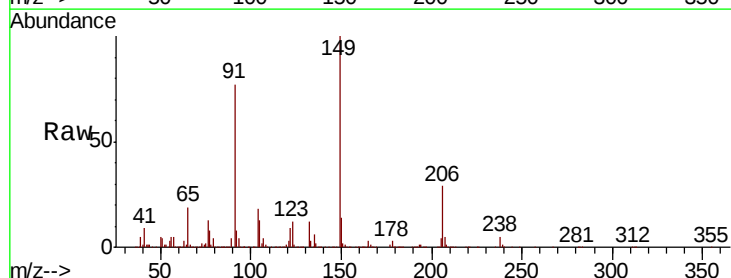
Tgt Ion:149 Resp: 1326484

Ion Ratio Lower Upper

149 100

91 77.4 60.2 90.2

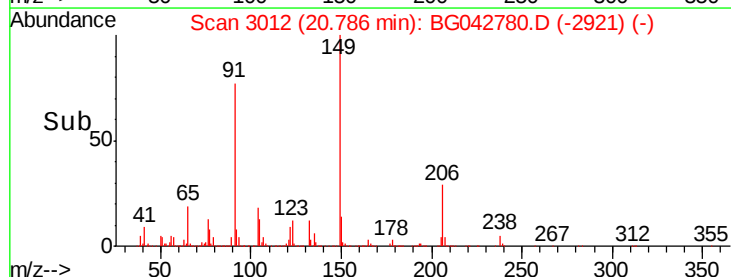
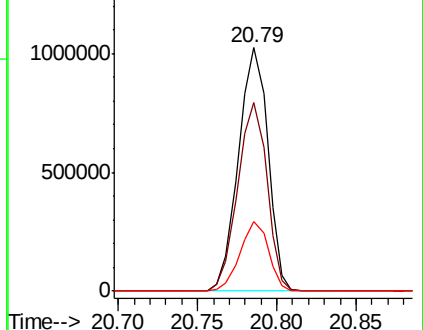
206 28.7 20.6 30.8

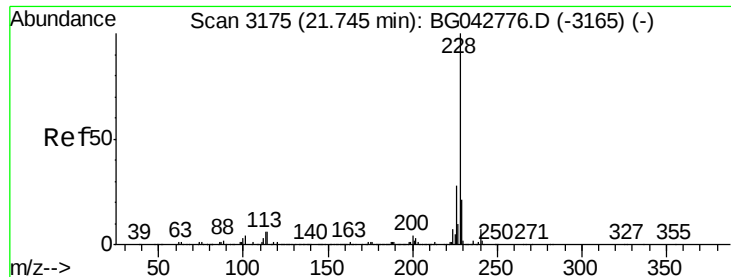


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 88.505 ng

RT: 21.76 min Scan# 3177

Delta R.T. 0.01 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

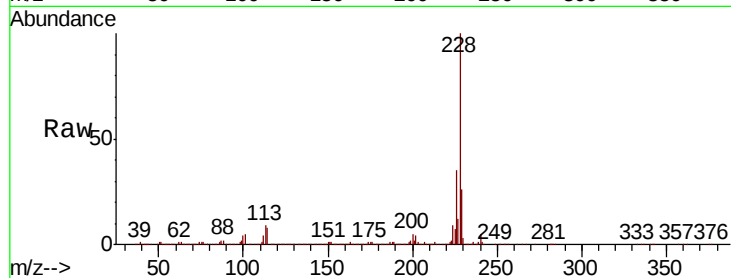
Tot Ion:228 Resp: 3058976

Ion Ratio Lower Upper

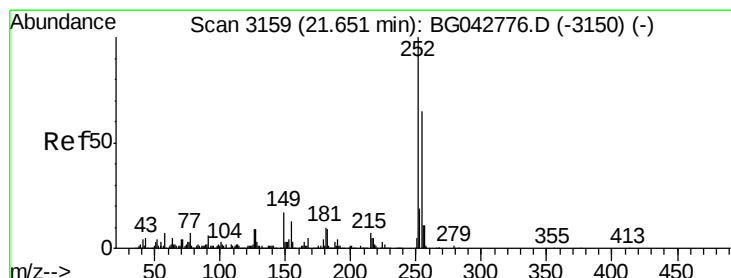
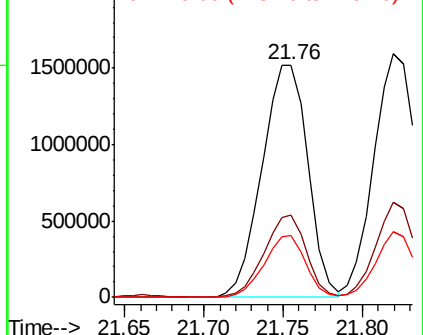
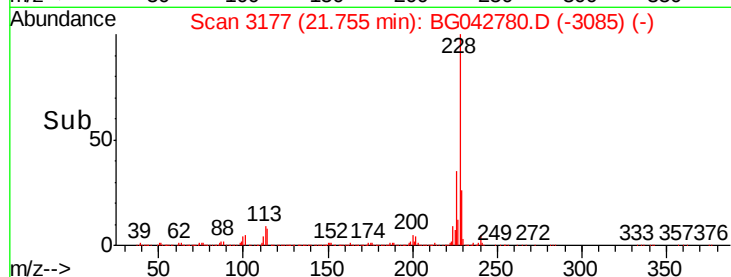
228 100

226 35.3 22.5 33.7#

229 26.4 17.2 25.8#



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



#82

3,3'-Dichlorobenzidine

Concen: 94.718 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

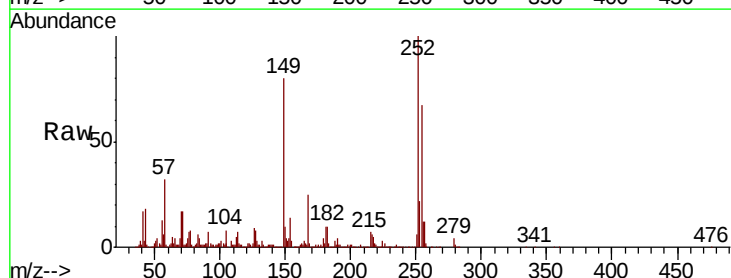
Tgt Ion:252 Resp: 1274950

Ion Ratio Lower Upper

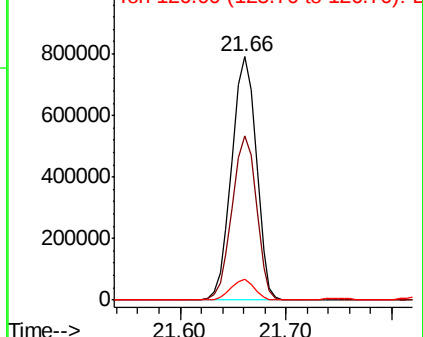
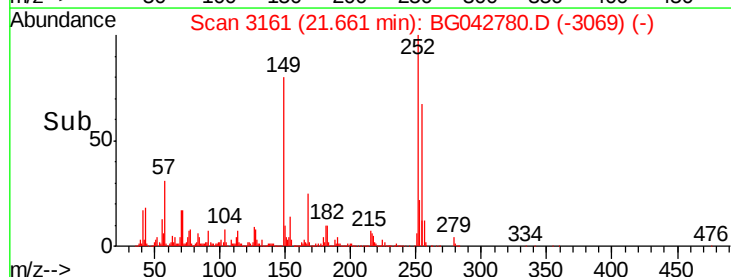
252 100

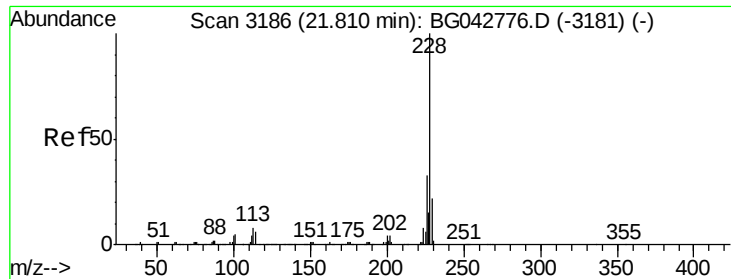
254 67.2 52.2 78.2

126 8.8 7.0 10.4



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





#83

Chrysene

Concen: 88.221 ng

RT: 21.82 min Scan# 3188

Delta R.T. 0.01 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

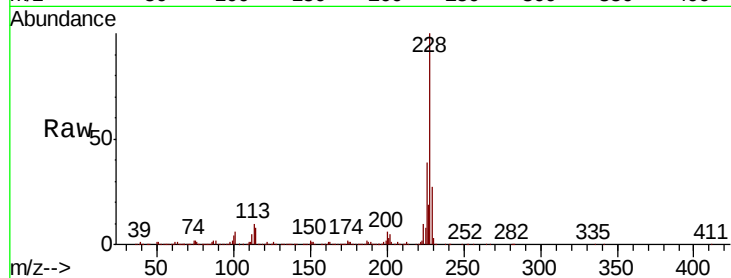
Tot Ion:228 Resp: 2896293

Ion Ratio Lower Upper

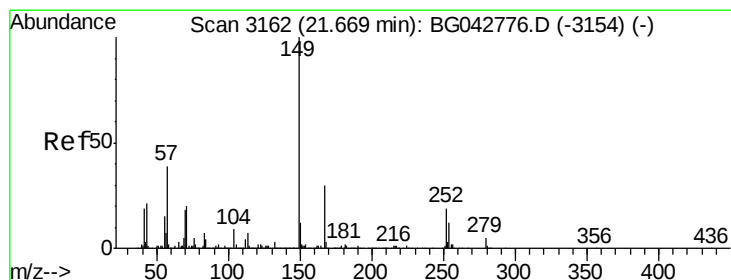
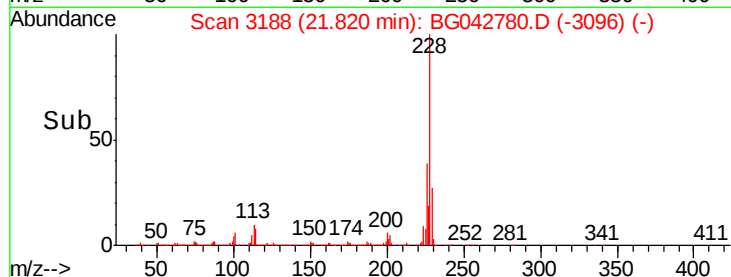
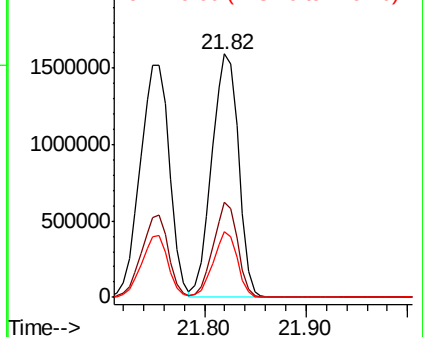
228 100

226 39.1 26.0 39.0#

229 26.8 17.1 25.7#



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: 93.468 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

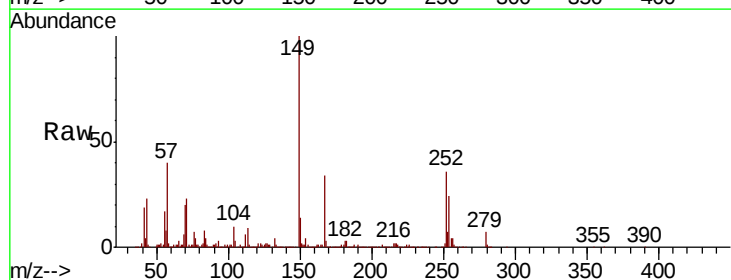
Tgt Ion:149 Resp: 1758055

Ion Ratio Lower Upper

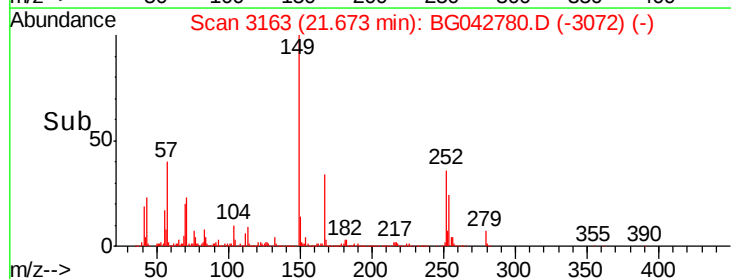
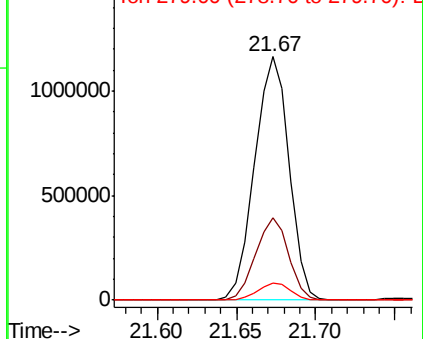
149 100

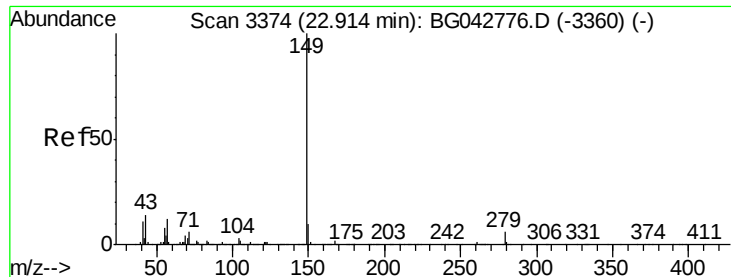
167 34.1 24.3 36.5

279 6.8 4.2 6.4#



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: 93.602 ng

RT: 22.92 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

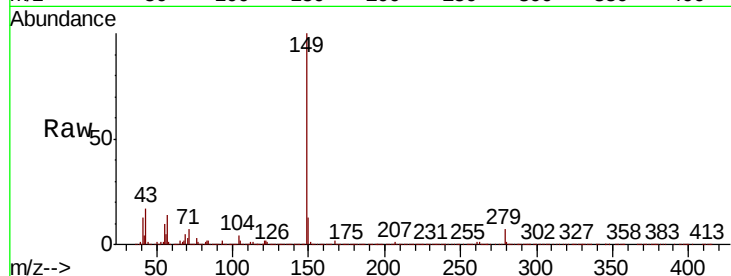
Tot Ion:149 Resp: 2969530

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0#

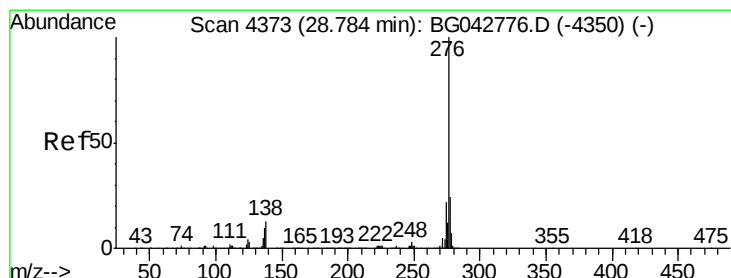
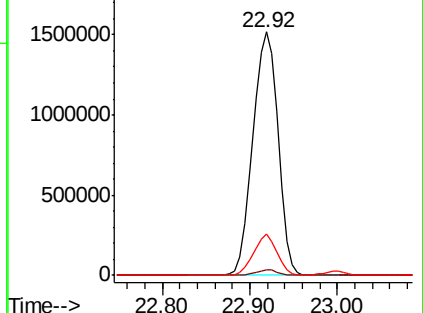
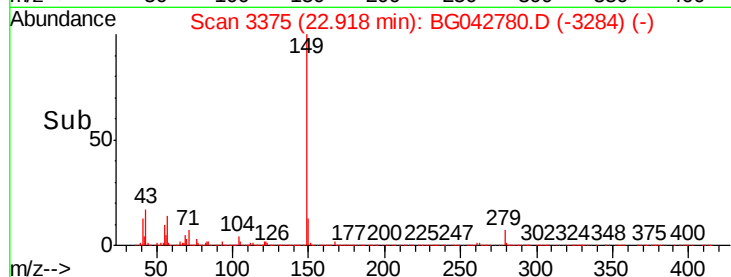
43 15.6 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 101.298 ng

RT: 28.83 min Scan# 4381

Delta R.T. 0.05 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

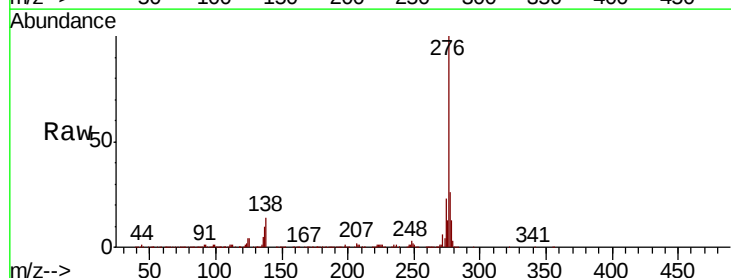
Tgt Ion:276 Resp: 4086677

Ion Ratio Lower Upper

276 100

138 11.2 9.3 13.9

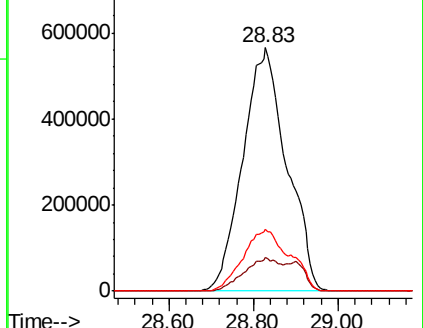
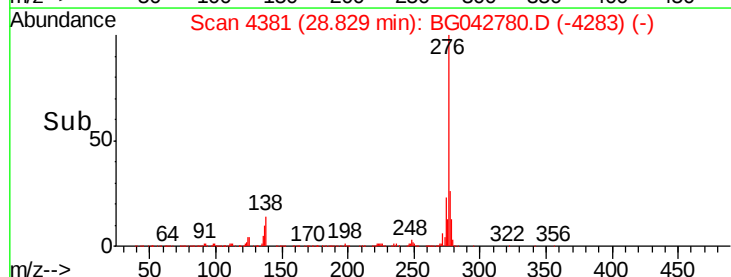
277 26.9 17.2 25.8#

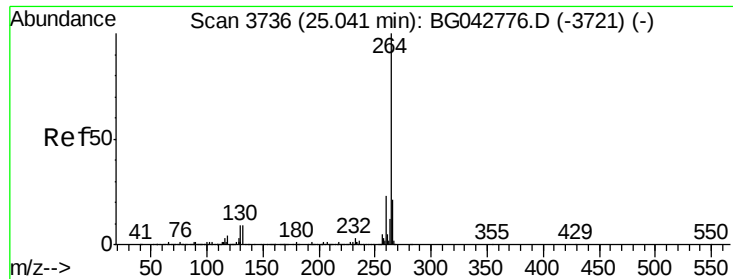


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



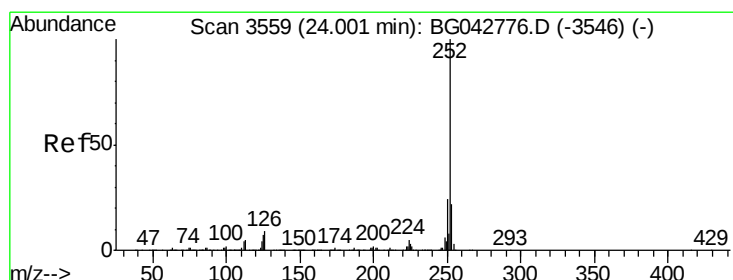
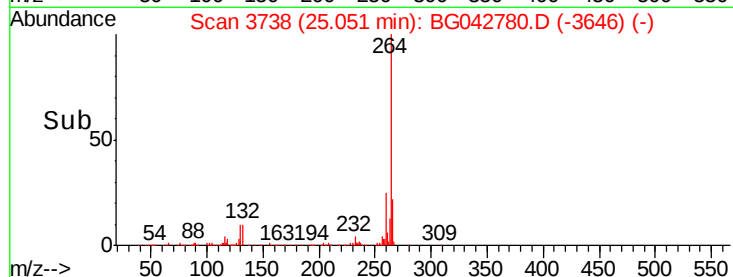
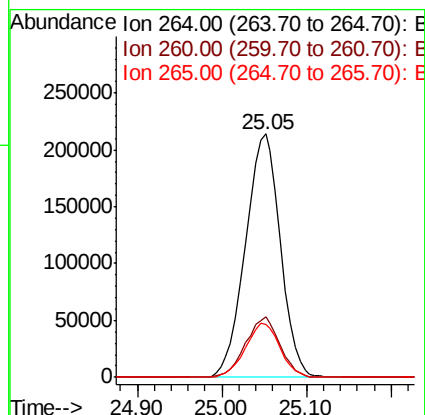
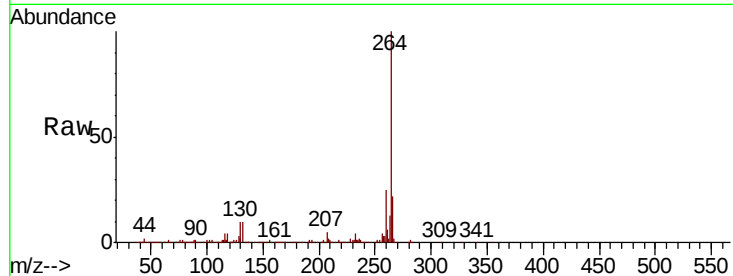


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 613812

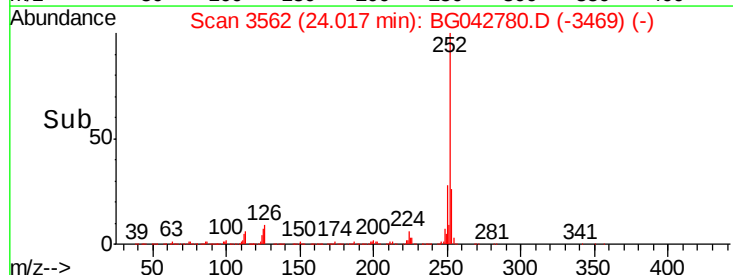
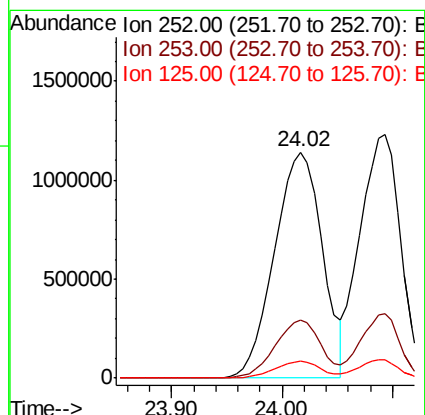
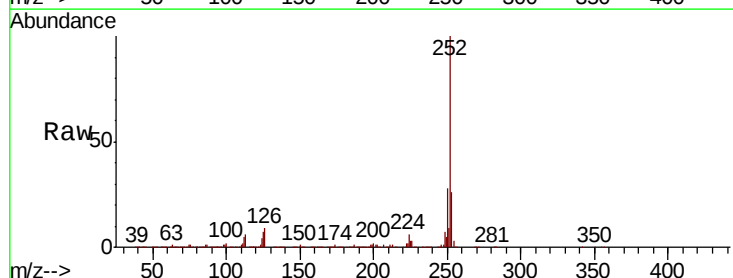
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	21.9	16.9	25.3

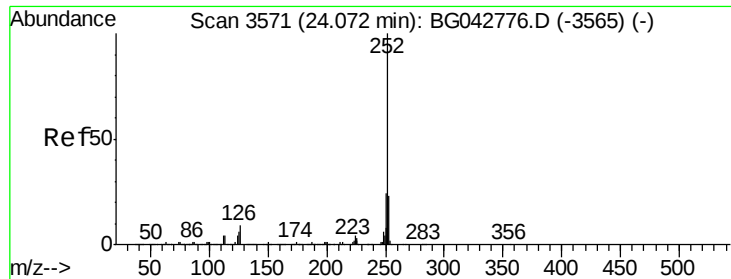


#88
Benzo(b)fluoranthene
Concen: 95.456 ng
RT: 24.02 min Scan# 3562
Delta R.T. 0.02 min
Lab File: BG042780.D
Acq: 12 Sep 2019 13:05

Tgt Ion:252 Resp: 3427619

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	7.3	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 91.973 ng

RT: 24.09 min Scan# 3575

Delta R.T. 0.02 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampleId :

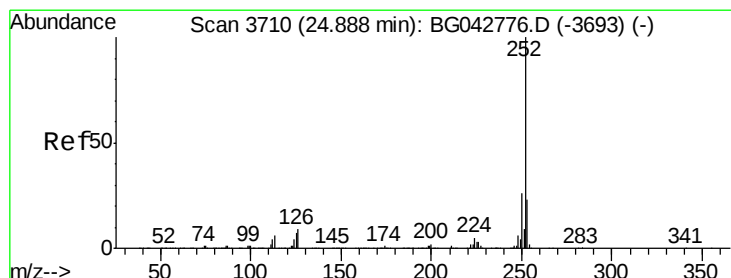
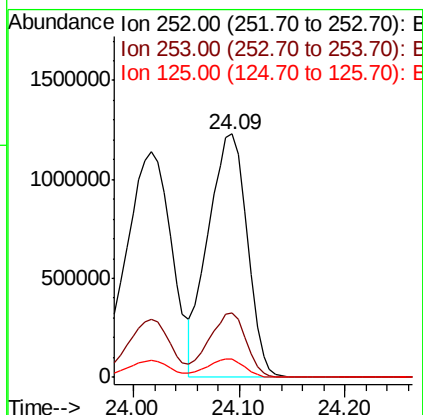
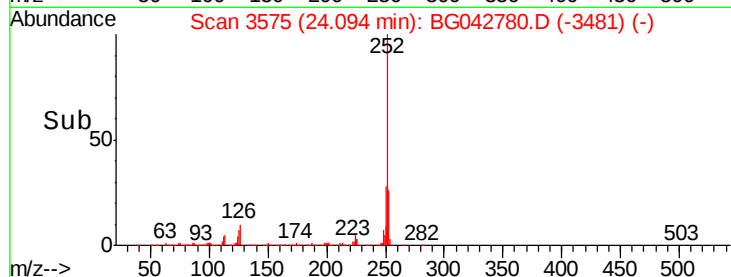
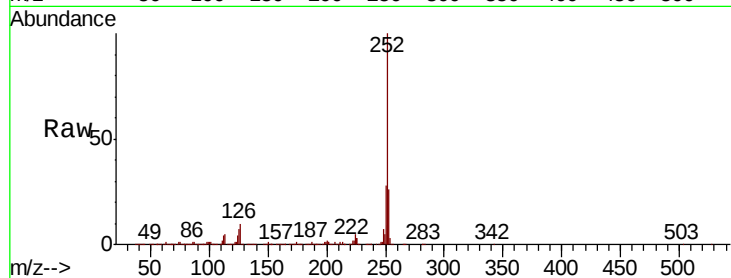
Tot Ion:252 Resp: 3153365

Ion Ratio Lower Upper

252 100

253 26.4 18.2 27.4

125 7.5 5.3 7.9



#90

Benzo(a)pyrene

Concen: 95.607 ng

RT: 24.91 min Scan# 3714

Delta R.T. 0.02 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

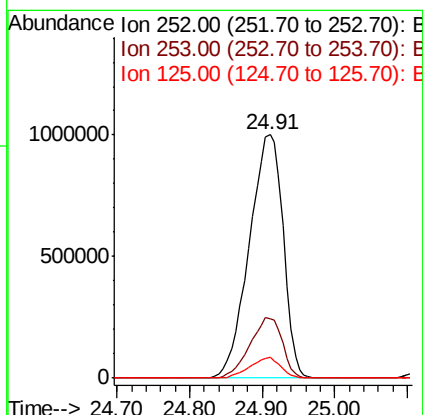
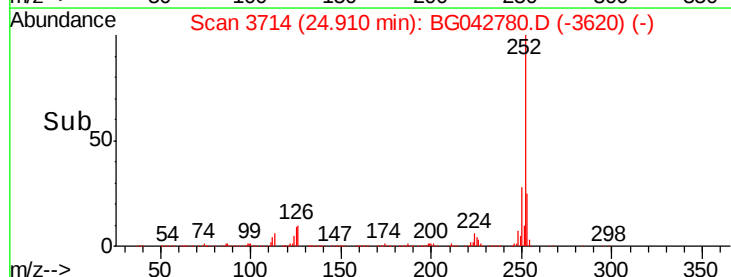
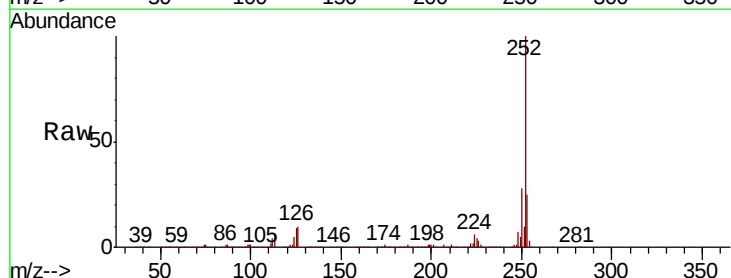
Tgt Ion:252 Resp: 3238438

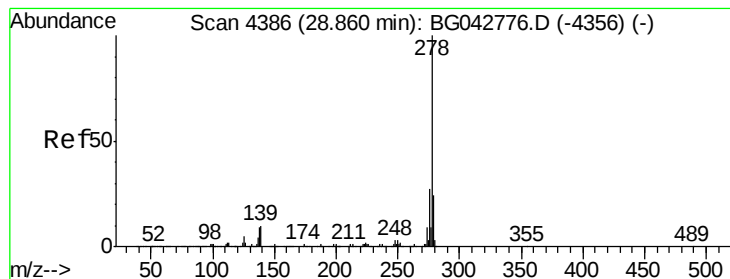
Ion Ratio Lower Upper

252 100

253 24.5 18.1 27.1

125 8.7 5.7 8.5#





#91

Dibenzo(a,h)anthracene

Concen: 97.566 ng

RT: 28.91 min Scan# 4394

Delta R.T. 0.05 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

Instrument :

BNA_G

ClientSampled :

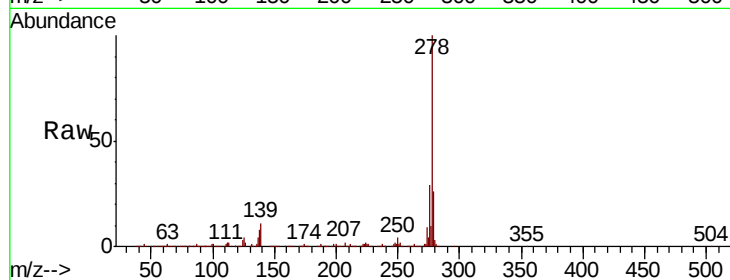
Tot Ion:278 Resp: 3223461

Ion Ratio Lower Upper

278 100

139 10.7 8.2 12.2

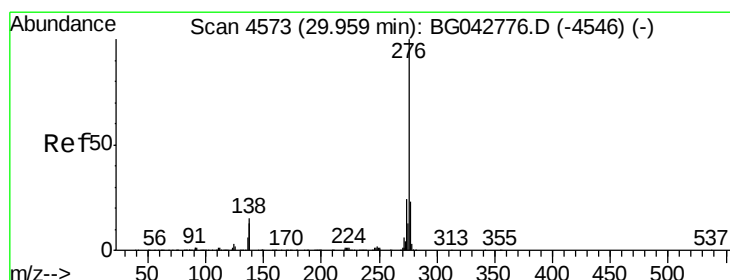
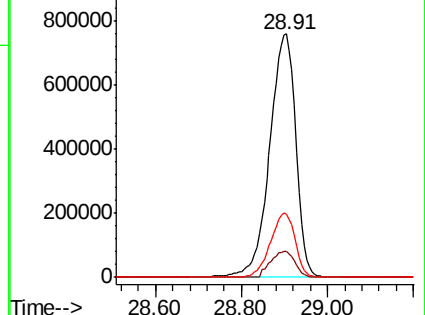
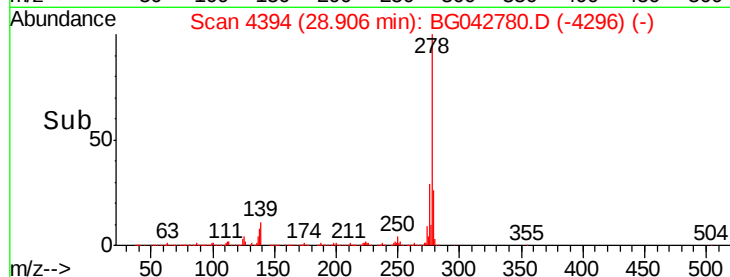
279 25.9 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 98.930 ng

RT: 30.00 min Scan# 4581

Delta R.T. 0.05 min

Lab File: BG042780.D

Acq: 12 Sep 2019 13:05

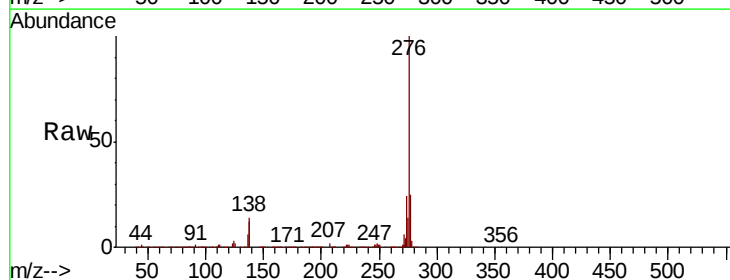
Tgt Ion:276 Resp: 3201642

Ion Ratio Lower Upper

276 100

277 25.5 18.4 27.6

138 14.0 11.8 17.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

