

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072719\
 Data File : BG041782.D
 Acq On : 27 Jul 2019 18:18
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072719

Quant Time: Jul 29 12:54:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 12:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	83940	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	354752	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	260533	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	591844	20.00	ng	0.00
76) Chrysene-d12	21.74	240	576459	20.00	ng	0.00
87) Perylene-d12	25.01	264	682190	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	329907	76.47	ng	0.00
7) Phenol-d6	7.20	99	469541	80.73	ng	0.00
23) Nitrobenzene-d5	9.21	82	438906	85.14	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	259775	87.78	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1250116	84.63	ng	0.00
79) Terphenyl-d14	20.07	244	2026800	80.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	71599	35.260	ng	89
3) Pyridine	3.87	79	182024	32.688	ng	89
4) n-Nitrosodimethylamine	3.78	42	86336	39.111	ng	98
6) Aniline	7.36	93	320489	39.132	ng	96
8) 2-Chlorophenol	7.61	128	201824	40.853	ng	94
9) Benzaldehyde	7.17	77	177522	43.376	ng	91
10) Phenol	7.22	94	251566	41.574	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	195121	39.224	ng	93
12) 1,3-Dichlorobenzene	7.94	146	242756	37.649	ng	97
13) 1,4-Dichlorobenzene	8.08	146	243952	37.812	ng	98
14) 1,2-Dichlorobenzene	8.41	146	232970	37.843	ng	96
15) Benzyl Alcohol	8.28	79	189623	41.439	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	329778	37.262	ng	95
17) 2-Methylphenol	8.48	107	180915	41.111	ng	98
18) Hexachloroethane	9.15	117	83263	37.686	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	172183	40.775	ng	92
20) 3+4-Methylphenols	8.81	107	250001	41.514	ng	99
22) Acetophenone	8.87	105	324692	40.919	ng	# 93
24) Nitrobenzene	9.25	77	233772	43.045	ng	98
25) Isophorone	9.78	82	472330	42.119	ng	99
26) 2-Nitrophenol	9.97	139	117787	46.731	ng	96
27) 2,4-Dimethylphenol	10.03	122	213446	47.981	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	281856	40.220	ng	99
29) 2,4-Dichlorophenol	10.51	162	235019	43.382	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	270323	39.350	ng	98
31) Naphthalene	10.92	128	677012	41.698	ng	98
32) Benzoic acid	10.16	122	111702	37.485	ng	92
33) 4-Chloroaniline	11.02	127	309783	40.234	ng	97
34) Hexachlorobutadiene	11.21	225	178965	38.599	ng	100
35) Caprolactam	11.78	113	82840	44.001	ng	# 81
36) 4-Chloro-3-methylphenol	12.14	107	237643	44.247	ng	95
37) 2-Methylnaphthalene	12.53	142	549937	42.792	ng	98
38) 1-Methylnaphthalene	12.75	142	512948	42.118	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	336488	40.801	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	218180	47.055	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	222349	42.658	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	240922	44.478	ng	97
46) 1,1'-Biphenyl	13.53	154	689748	41.184	ng	97
47) 2-Chloronaphthalene	13.58	162	571215	40.060	ng	97
48) 2-Nitroaniline	13.77	65	153650	42.487	ng	92
49) Acenaphthylene	14.42	152	914588	42.880	ng	97
50) Dimethylphthalate	14.15	163	741056	41.648	ng	99
51) 2,6-Dinitrotoluene	14.26	165	173562	46.649	ng	89
52) Acenaphthene	14.77	154	573942	41.373	ng	99
53) 3-Nitroaniline	14.59	138	166943	41.941	ng	90
54) 2,4-Dinitrophenol	14.80	184	85031	45.485	ng	92
55) Dibenzofuran	15.10	168	902761	42.546	ng	95
56) 4-Nitrophenol	14.89	139	139948	46.319	ng	93
57) 2,4-Dinitrotoluene	15.05	165	239662	46.840	ng	95
58) Fluorene	15.75	166	721750	42.386	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	237268	44.227	ng	93
60) Diethylphthalate	15.52	149	735439	42.100	ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	426599	41.037	ng	96
62) 4-Nitroaniline	15.76	138	189924	44.052	ng	96
63) Azobenzene	16.04	77	594801	41.682	ng	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	136510	47.251	ng	86
66) n-Nitrosodiphenylamine	15.96	169	675438	41.897	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	296628	40.688	ng	95
68) Hexachlorobenzene	16.76	284	299731	39.299	ng	93
69) Atrazine	16.91	200	245862	38.815	ng	99
70) Pentachlorophenol	17.10	266	194064	44.790	ng	98
71) Phenanthrene	17.49	178	1189370	41.925	ng	97
72) Anthracene	17.59	178	1215244	42.952	ng	96
73) Carbazole	17.85	167	1089061	42.886	ng	96
74) Di-n-butylphthalate	18.42	149	1222228	42.454	ng	# 96
75) Fluoranthene	19.50	202	1489651	43.200	ng	92
77) Benzidine	19.68	184	712900	37.889	ng	98
78) Pyrene	19.87	202	1480921	43.360	ng	93
80) Butylbenzylphthalate	20.76	149	556640	42.508	ng	91
81) Benzo(a)anthracene	21.72	228	1420489	41.649	ng	95
82) 3,3'-Dichlorobenzidine	21.63	252	583472	42.610	ng	# 98
83) Chrysene	21.78	228	1373642	42.017	ng	95
84) Bis(2-ethylhexyl)phthalate	21.64	149	770455	42.653	ng	98
85) Di-n-octyl phthalate	22.88	149	1339557	44.065	ng	# 91
86) Indeno(1,2,3-cd)pyrene	28.76	276	1803572	41.674	ng	# 88
88) Benzo(b)fluoranthene	23.98	252	1564552	41.924	ng	# 96
89) Benzo(k)fluoranthene	24.05	252	1514536	41.663	ng	# 96
90) Benzo(a)pyrene	24.86	252	1538353	42.981	ng	# 95
91) Dibenzo(a,h)anthracene	28.83	278	1479493	42.098	ng	# 97
92) Benzo(g,h,i)perylene	29.93	276	1486100	42.325	ng	# 94

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

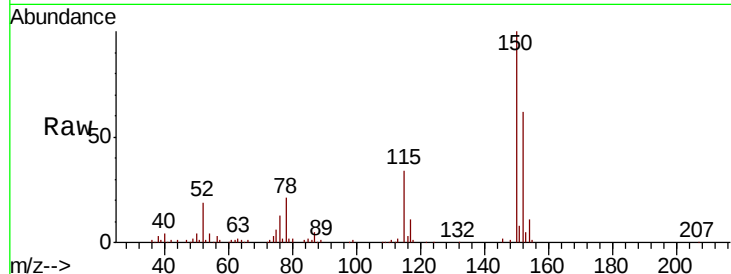


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Instrument :
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ICVBG072719

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.9	190.3
115	54.4	45.0	67.6

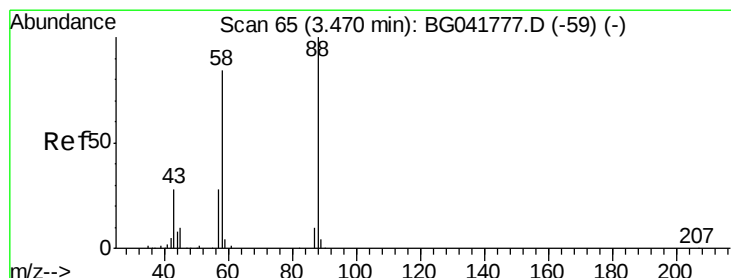
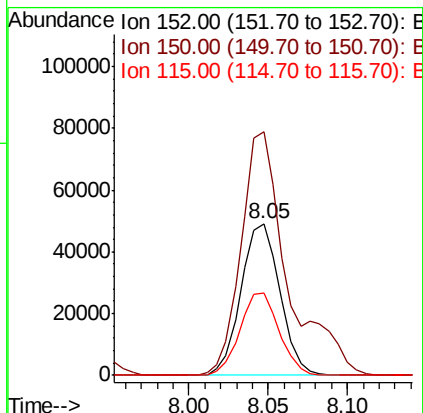
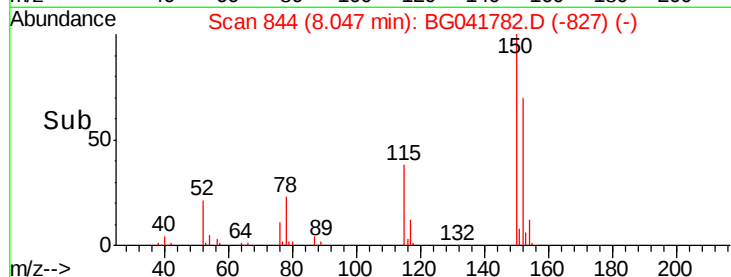


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

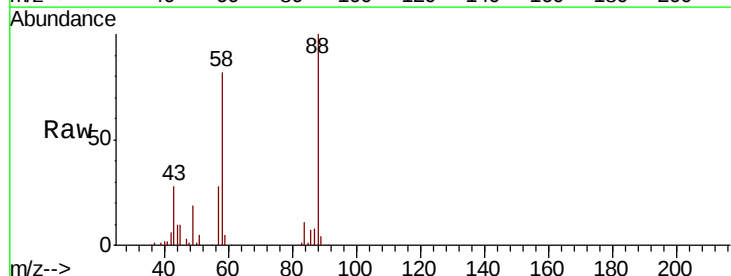
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.260 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	76.2	114.2
43	29.2	27.2	40.8

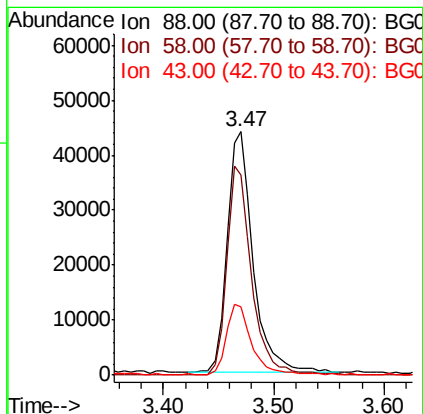
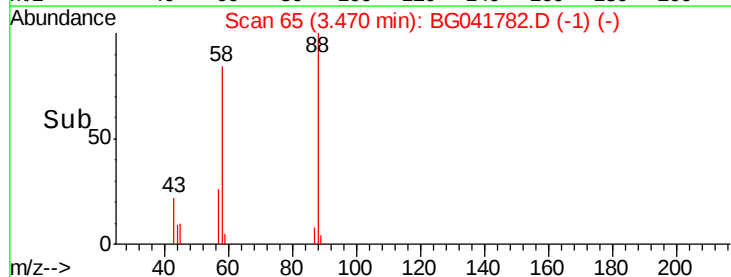


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.688 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

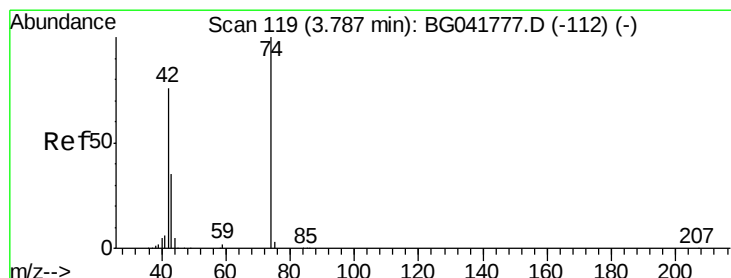
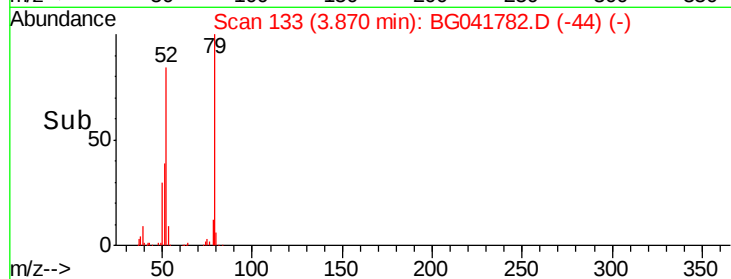
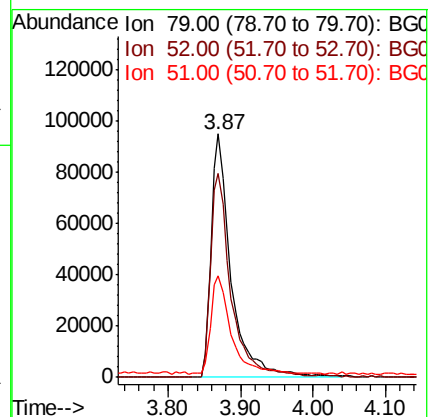
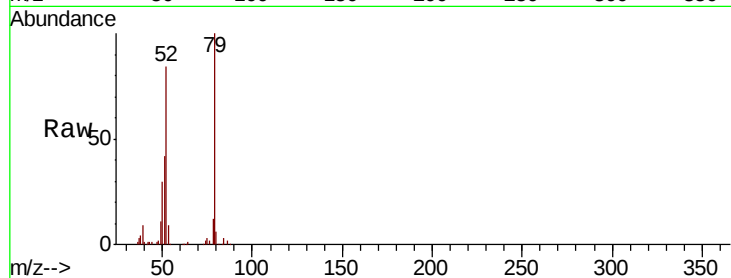
Tot Ion: 79 Resp: 182024

Ion Ratio Lower Upper

79 100

52 84.0 77.1 115.7

51 41.6 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 39.111 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

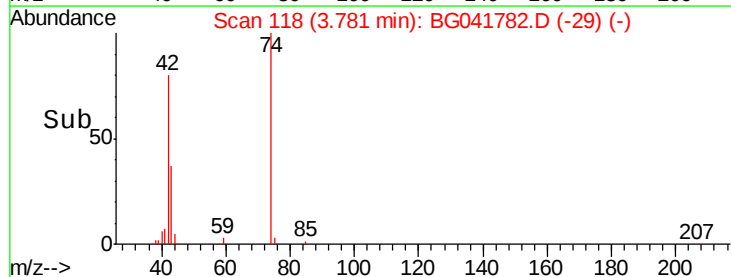
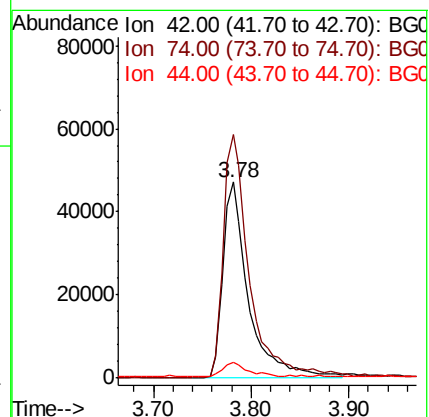
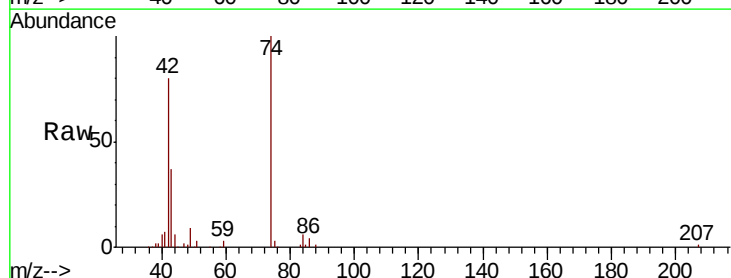
Tgt Ion: 42 Resp: 86336

Ion Ratio Lower Upper

42 100

74 124.4 97.4 146.2

44 7.8 6.6 9.8





#5

2-Fluorophenol

Concen: 76.468 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

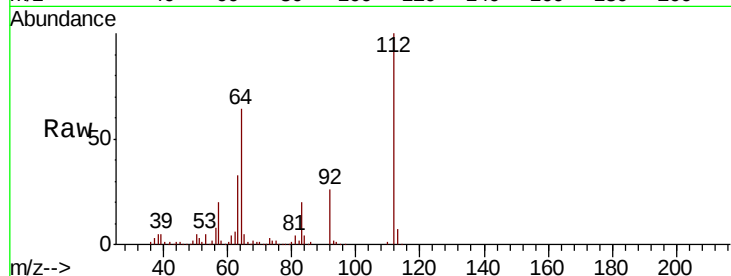
Tot Ion:112 Resp: 329907

Ion Ratio Lower Upper

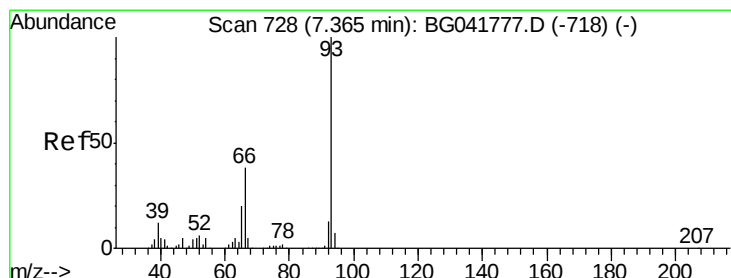
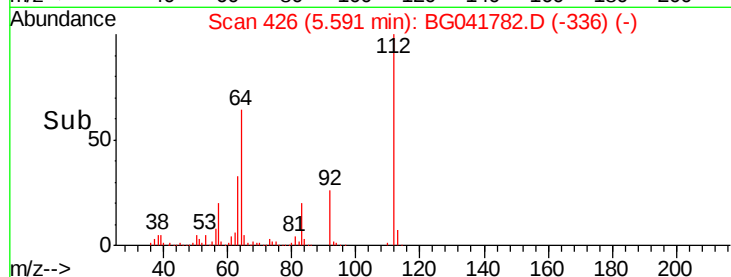
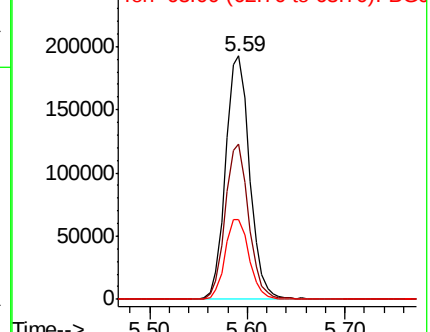
112 100

64 63.7 55.4 83.2

63 32.9 29.1 43.7



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



#6

Aniline

Concen: 39.132 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

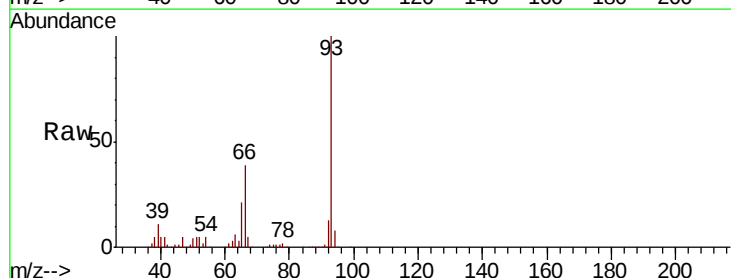
Tgt Ion: 93 Resp: 320489

Ion Ratio Lower Upper

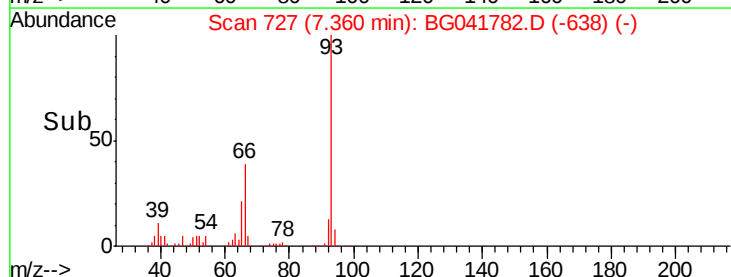
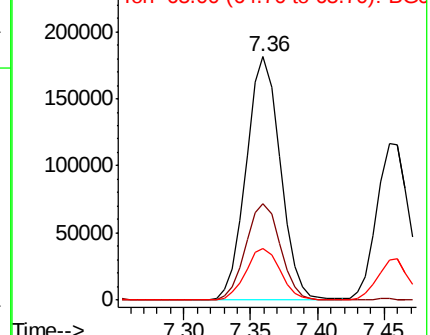
93 100

66 39.4 34.2 51.2

65 21.4 18.2 27.2



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





#7

Phenol-d6

Concen: 80.727 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

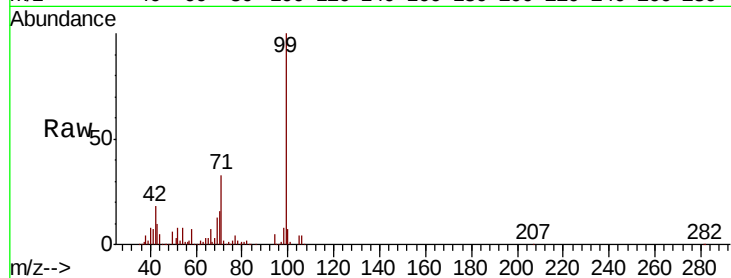
Tot Ion: 99 Resp: 469541

Ion Ratio Lower Upper

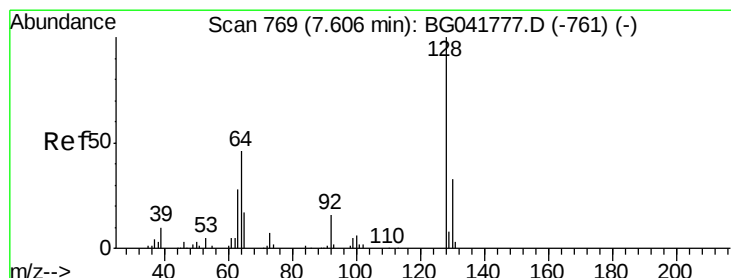
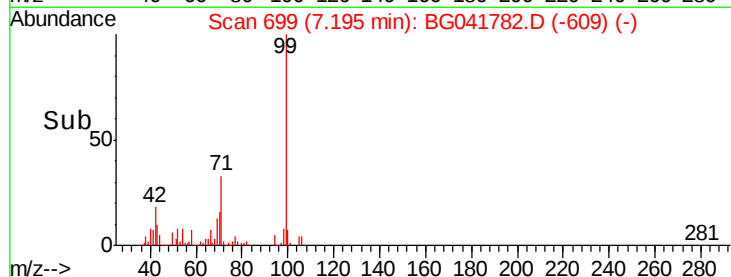
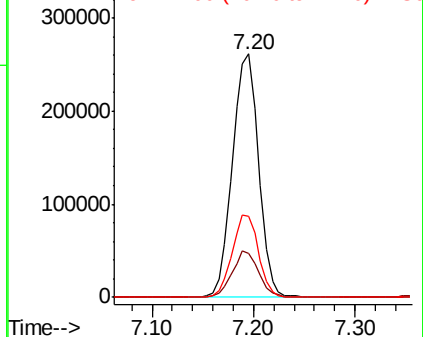
99 100

42 17.9 17.6 26.4

71 33.5 27.8 41.6



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



#8

2-Chlorophenol

Concen: 40.853 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

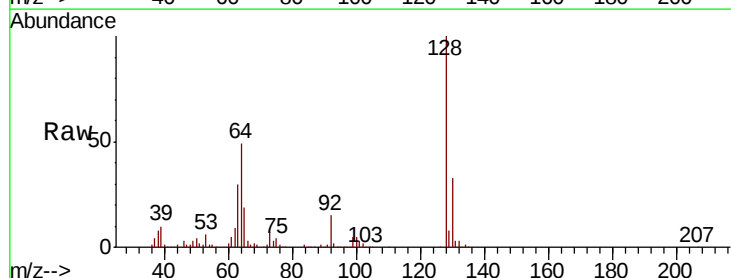
Tgt Ion: 128 Resp: 201824

Ion Ratio Lower Upper

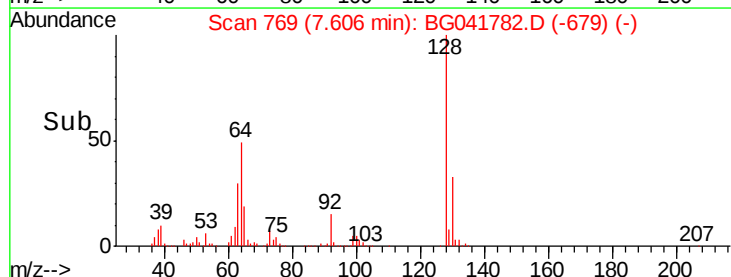
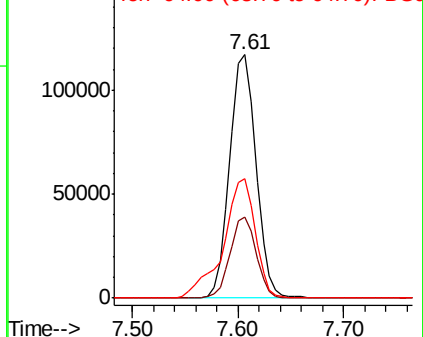
128 100

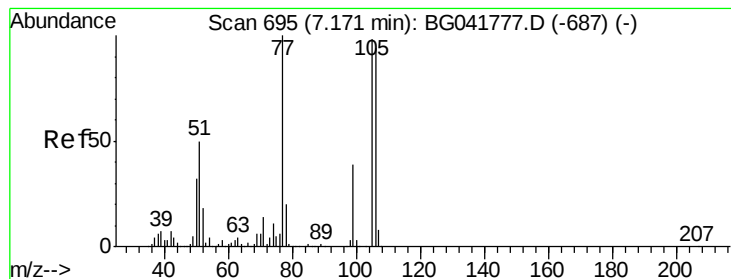
130 33.2 12.4 52.4

64 49.0 34.9 74.9



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





#9

Benzaldehyde

Concen: 43.376 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

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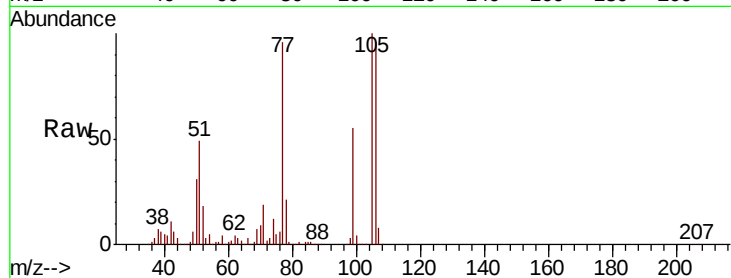
Tot Ion: 77 Resp: 177522

Ion Ratio Lower Upper

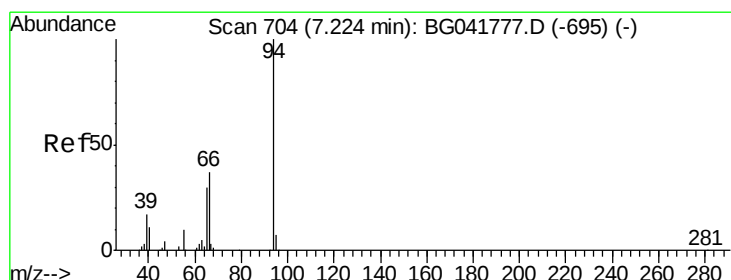
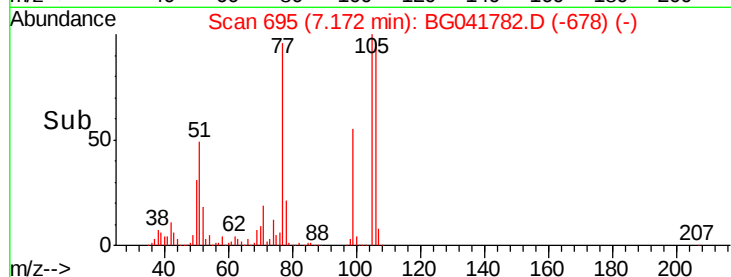
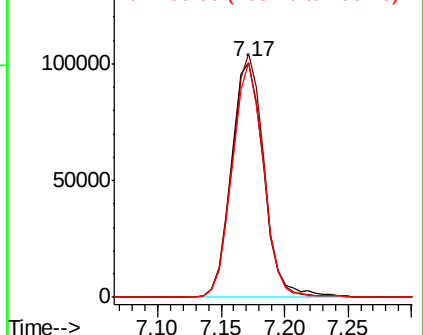
77 100

105 103.6 74.6 114.6

106 100.0 71.1 111.1



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



#10

Phenol

Concen: 41.574 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

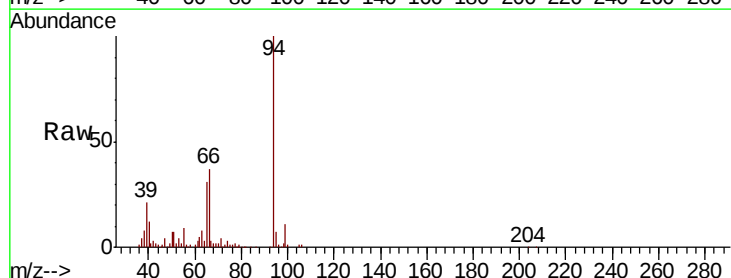
Tgt Ion: 94 Resp: 251566

Ion Ratio Lower Upper

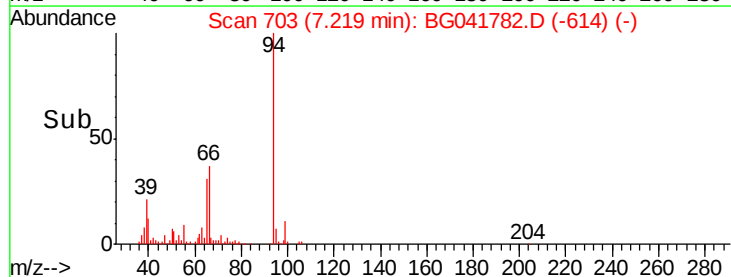
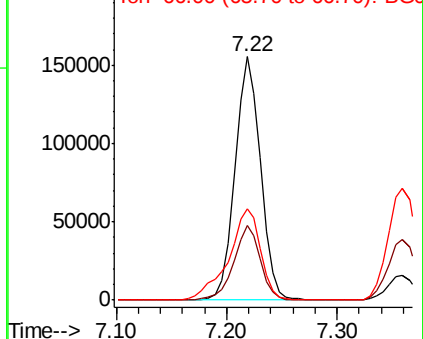
94 100

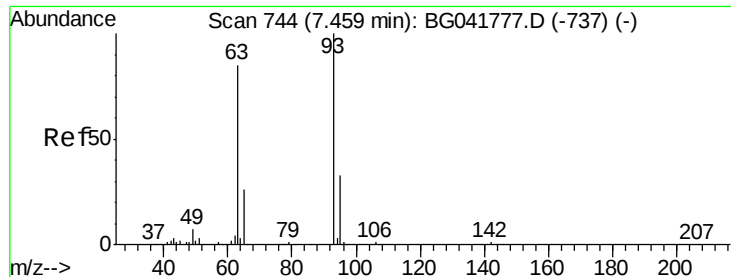
65 30.6 10.6 50.6

66 37.4 18.2 58.2



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

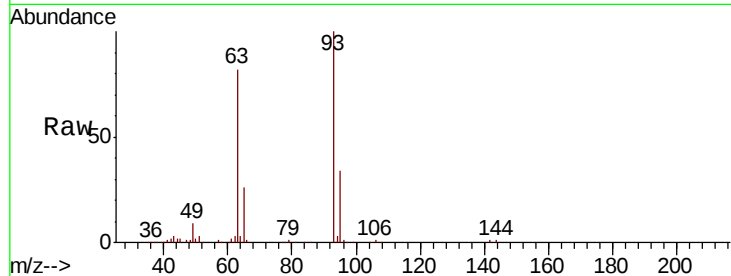




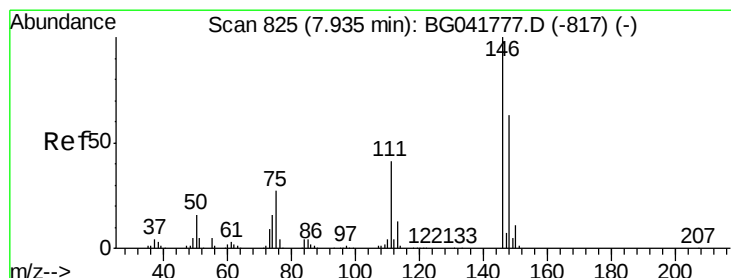
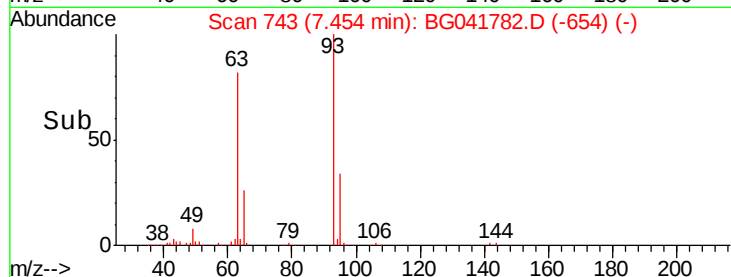
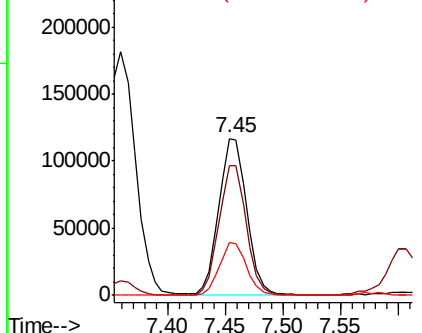
#11
bis(2-Chloroethyl)ether
Concen: 39.224 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Instrument :
BNA_G
ClientSampleId :
ICVBG072719

Tot Ion: 93 Resp: 195121
Ion Ratio Lower Upper
93 100
63 82.3 70.4 110.4
95 33.8 12.8 52.8

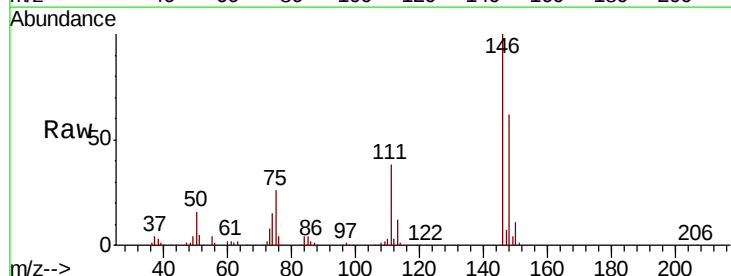


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

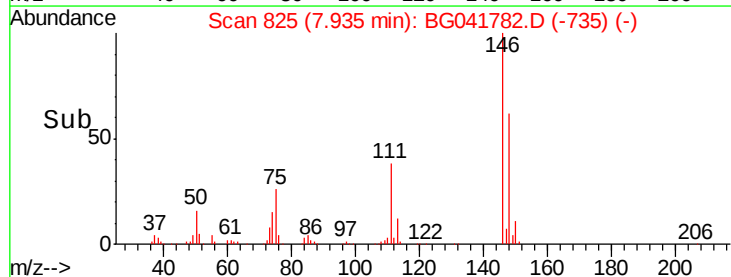
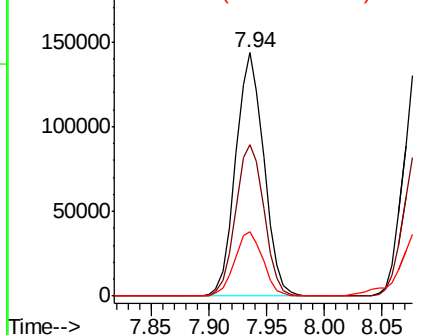


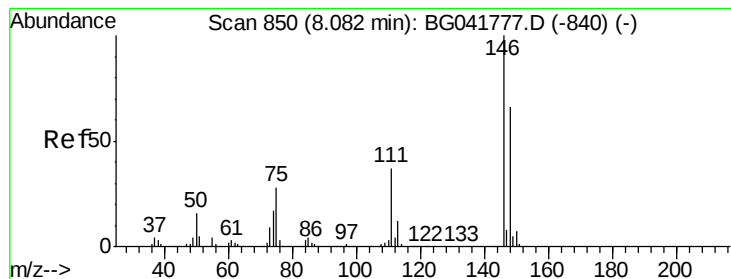
#12
1,3-Dichlorobenzene
Concen: 37.649 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion: 146 Resp: 242756
Ion Ratio Lower Upper
146 100
148 62.4 51.5 77.3
75 26.4 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 37.812 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

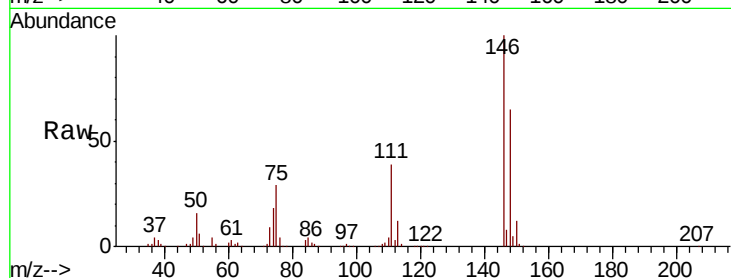
Tot Ion:146 Resp: 243952

Ion Ratio Lower Upper

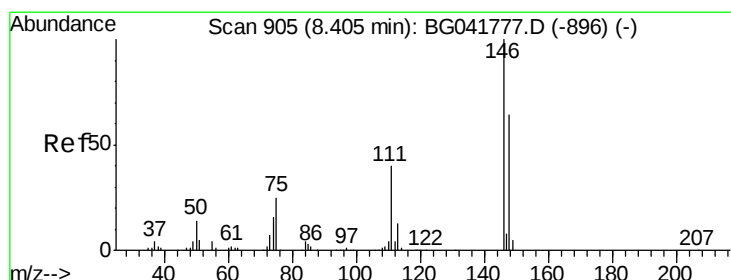
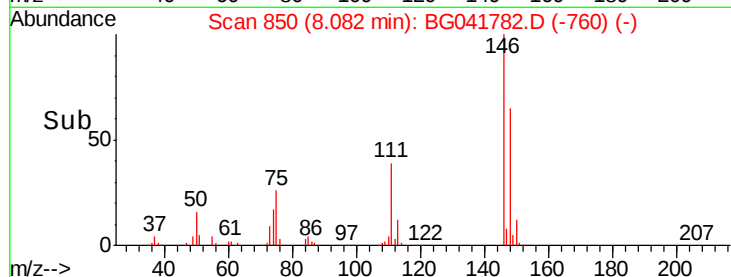
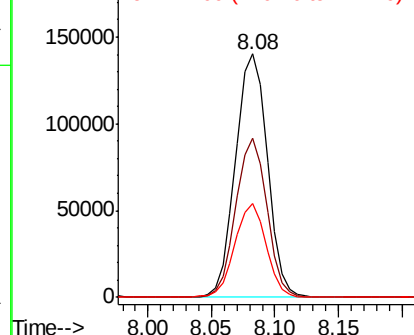
146 100

148 65.5 52.6 79.0

111 38.5 32.5 48.7



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



#14

1,2-Dichlorobenzene

Concen: 37.843 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

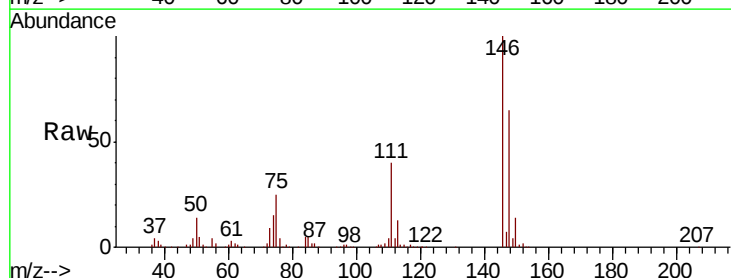
Tgt Ion:146 Resp: 232970

Ion Ratio Lower Upper

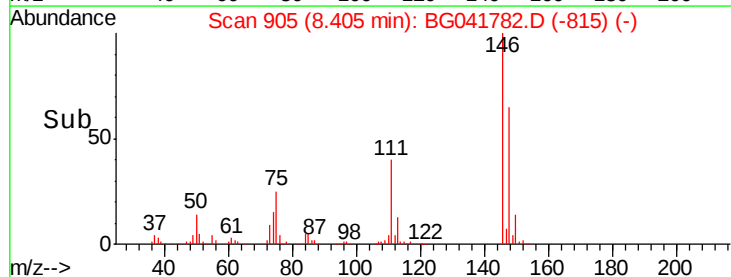
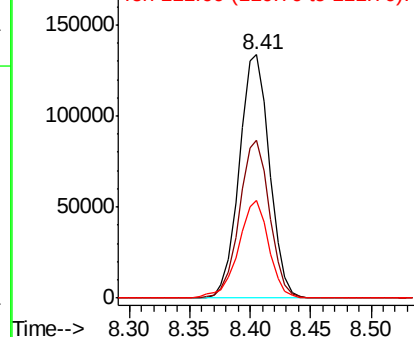
146 100

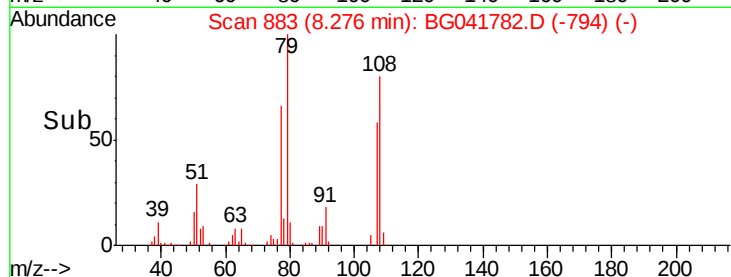
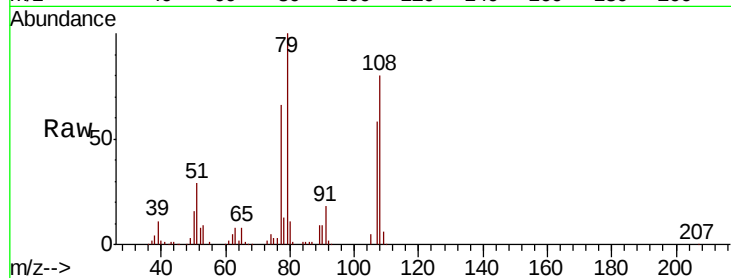
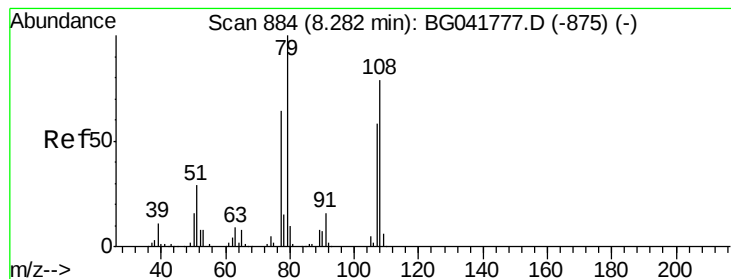
148 64.8 53.5 80.3

111 40.0 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 41.439 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

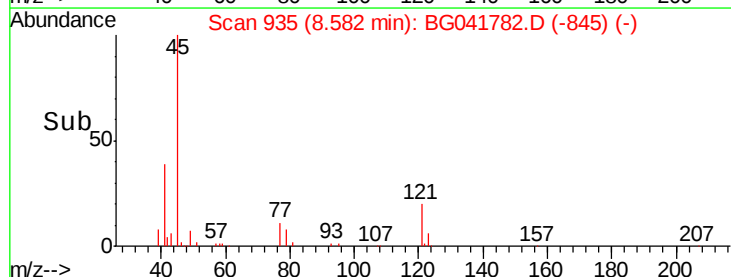
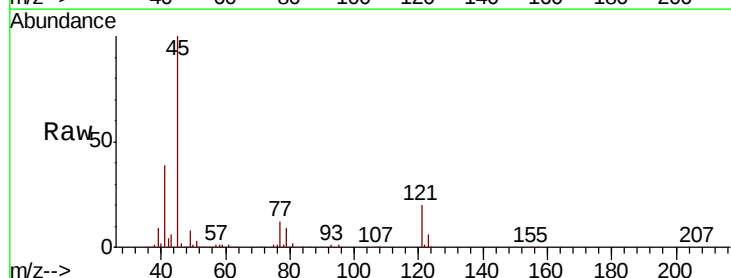
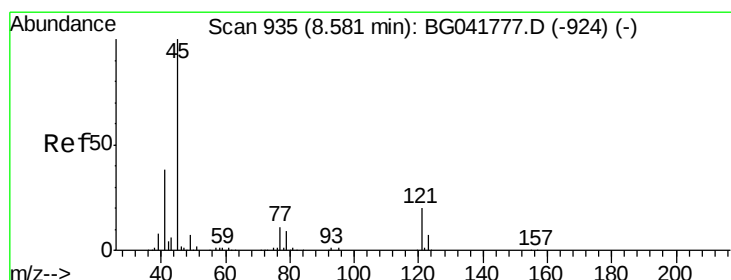
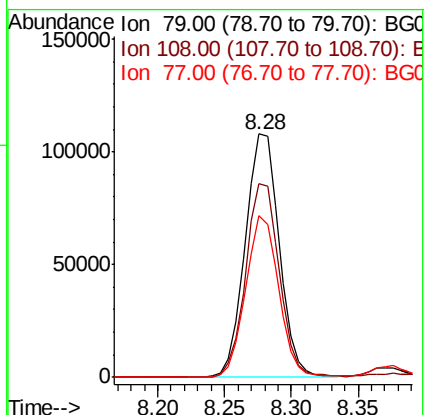
Tot Ion: 79 Resp: 189623

Ion Ratio Lower Upper

79 100

108 79.6 60.5 90.7

77 66.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.262 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

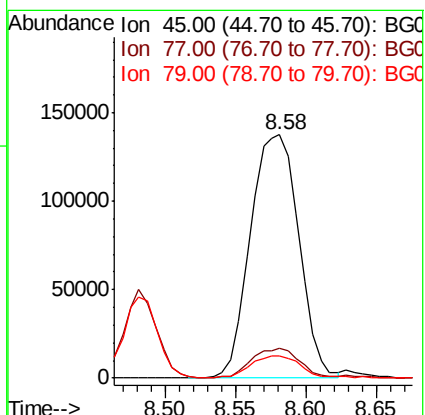
Tgt Ion: 45 Resp: 329778

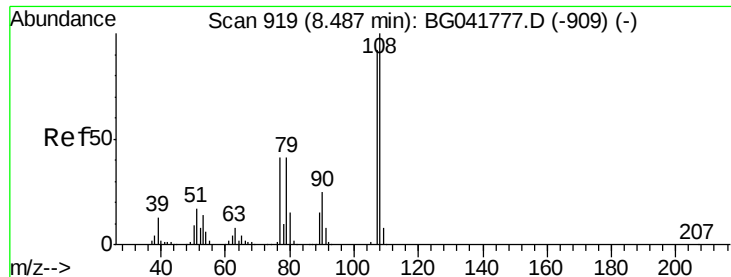
Ion Ratio Lower Upper

45 100

77 12.4 0.0 30.4

79 9.1 0.0 27.9





#17

2-Methylphenol

Concen: 41.111 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

Tot Ion:107 Resp: 180915

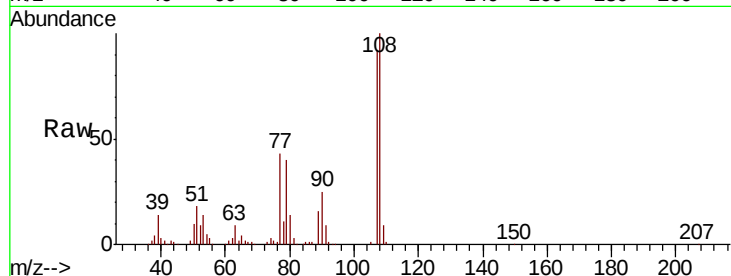
Ion Ratio Lower Upper

107 100

108 109.2 87.6 131.4

77 47.5 36.1 54.1

79 43.5 36.4 54.6

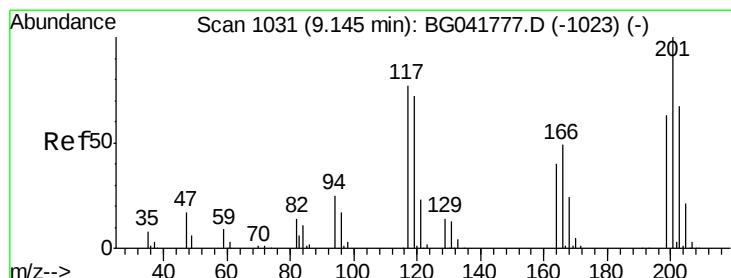
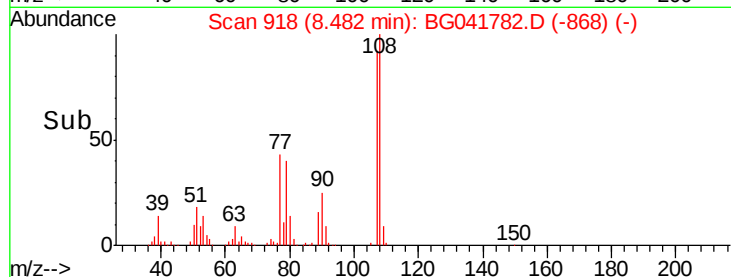
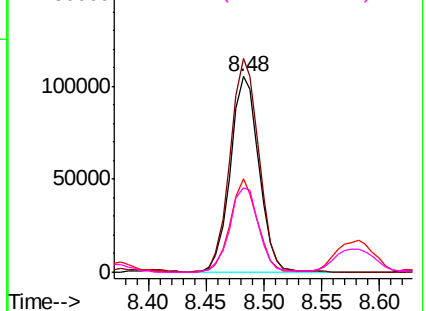


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.686 ng

RT: 9.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

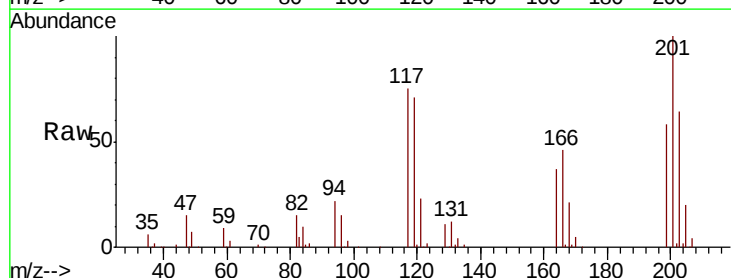
Tgt Ion:117 Resp: 83263

Ion Ratio Lower Upper

117 100

119 95.2 76.2 114.2

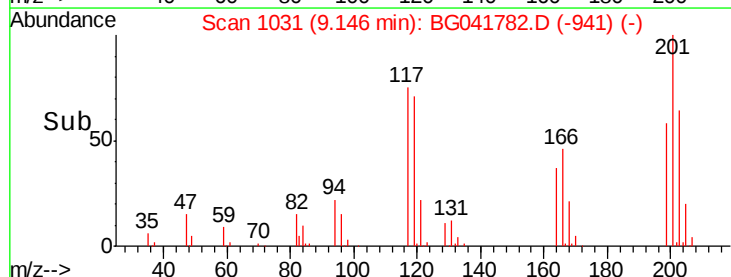
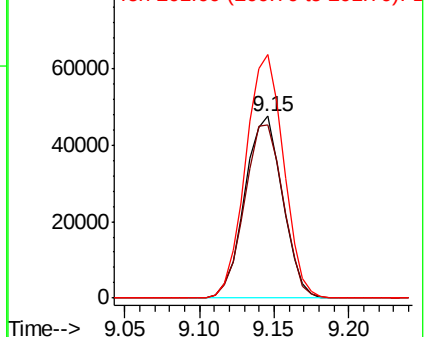
201 134.1 94.1 141.1

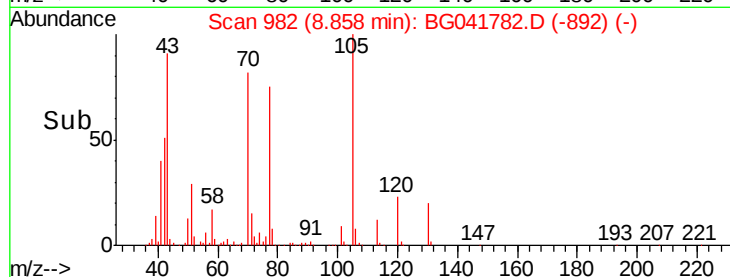
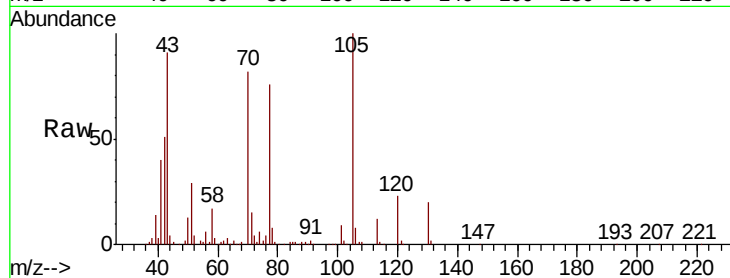
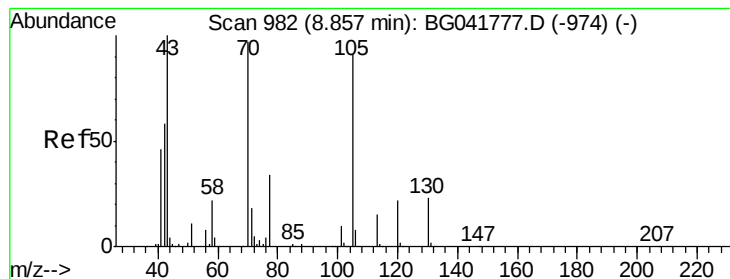


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.775 ng

RT: 8.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

Tot Ion: 70 Resp: 172183

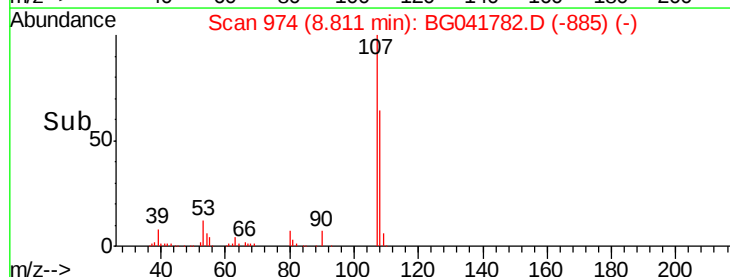
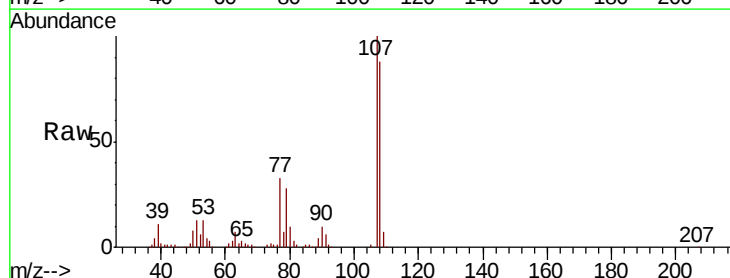
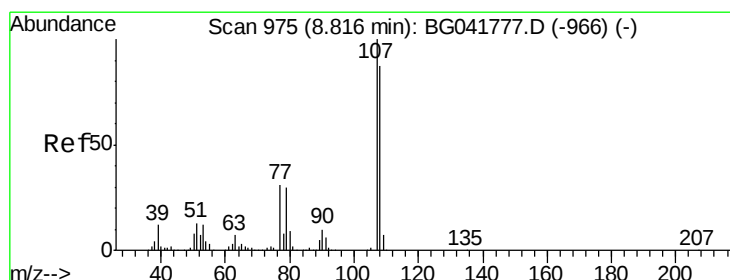
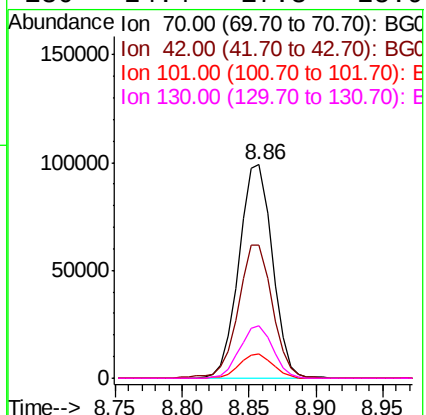
Ion Ratio Lower Upper

70 100

42 62.6 55.8 83.6

101 11.3 8.1 12.1

130 24.4 17.3 25.9



#20

3+4-Methylphenols

Concen: 41.514 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Tgt Ion: 107 Resp: 250001

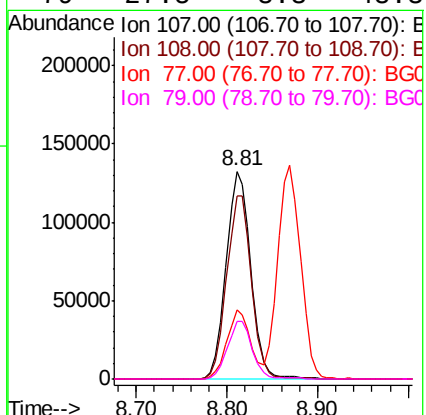
Ion Ratio Lower Upper

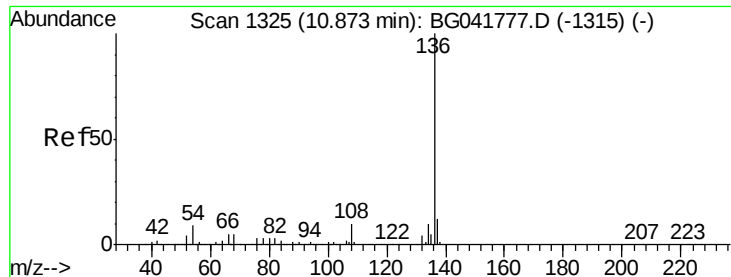
107 100

108 87.9 67.5 107.5

77 33.1 12.3 52.3

79 27.5 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

Tot Ion:136 Resp: 354752

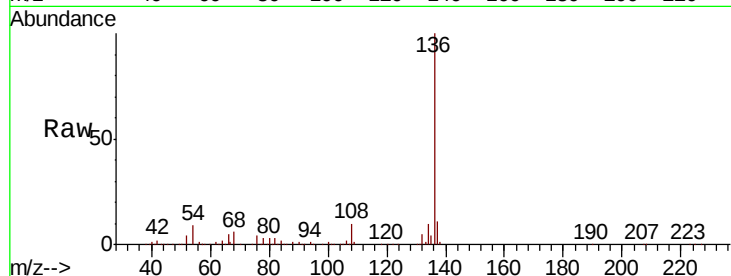
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 9.0 8.7 13.1

68 5.6 5.5 8.3

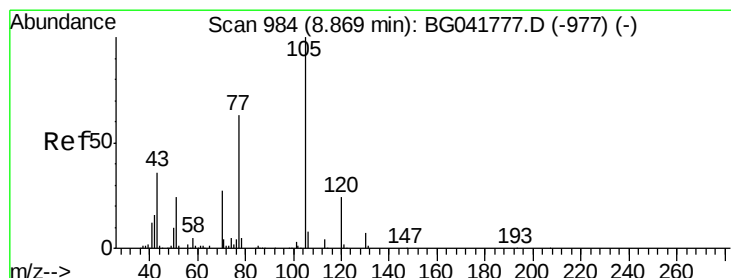
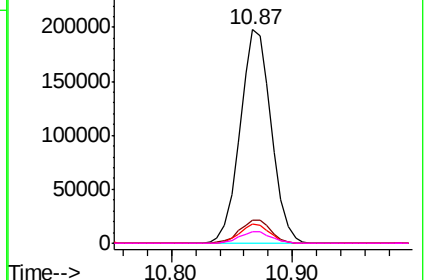
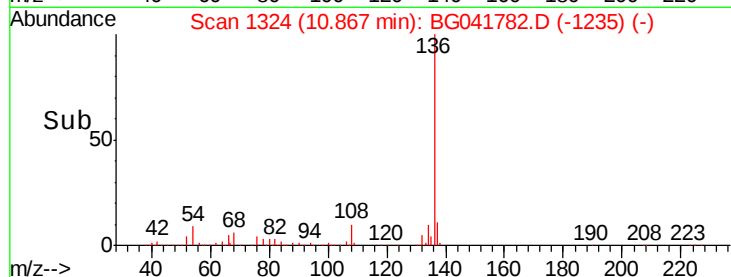


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.919 ng

RT: 8.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Tgt Ion:105 Resp: 324692

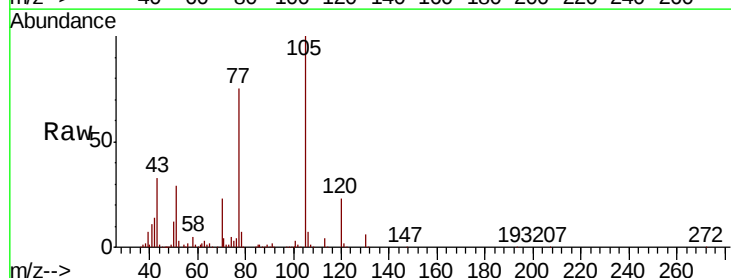
Ion Ratio Lower Upper

105 100

71 4.5 5.9 8.9#

51 29.1 27.7 41.5

120 23.3 19.3 28.9

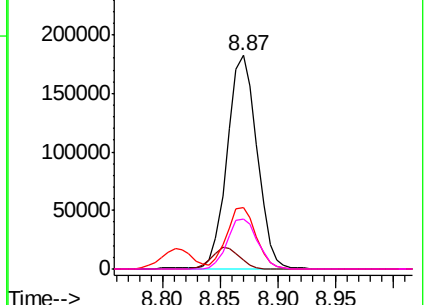
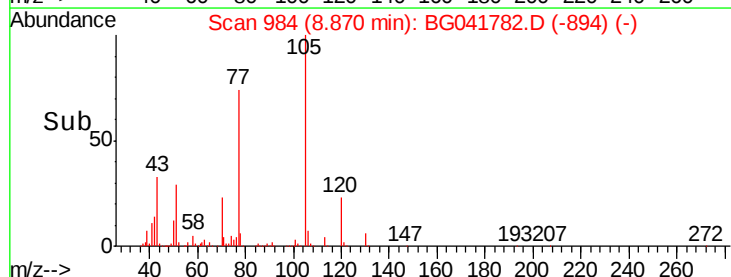


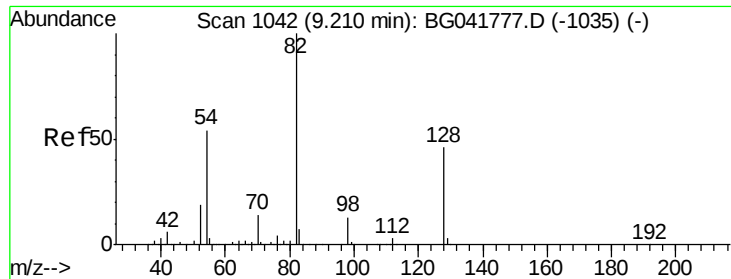
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

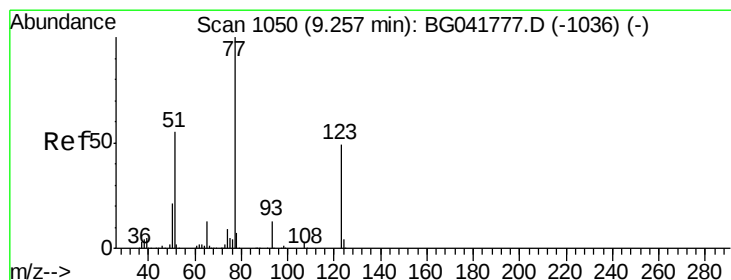
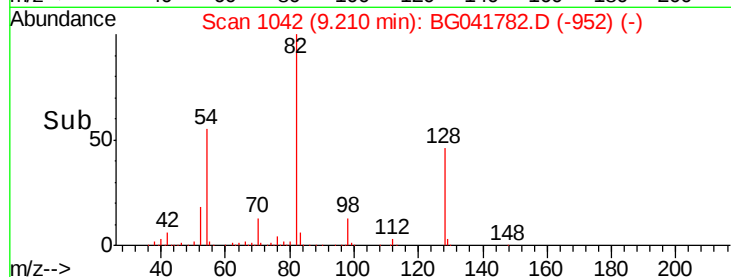
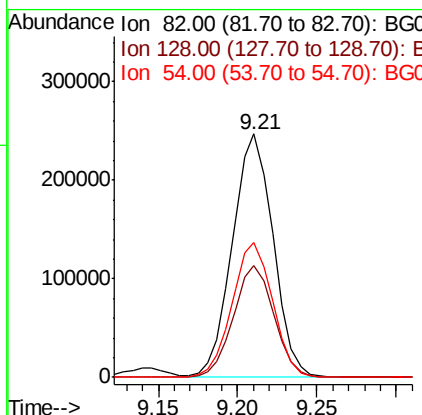
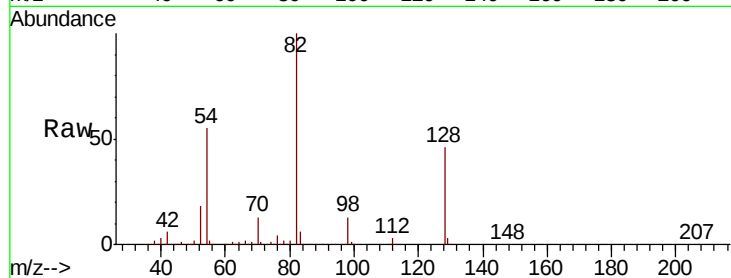




#23
 Nitrobenzene-d5
 Concen: 85.141 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

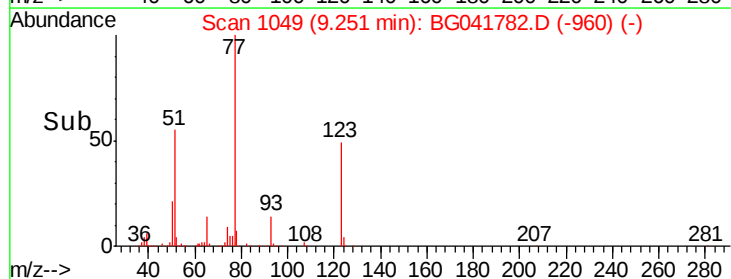
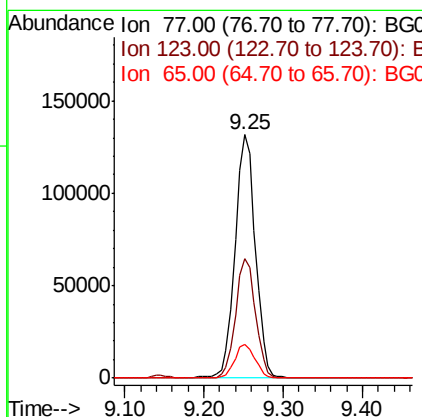
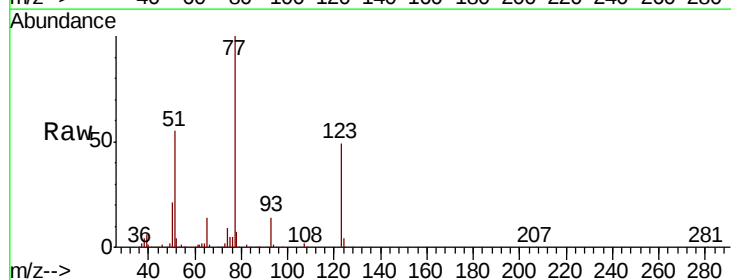
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072719

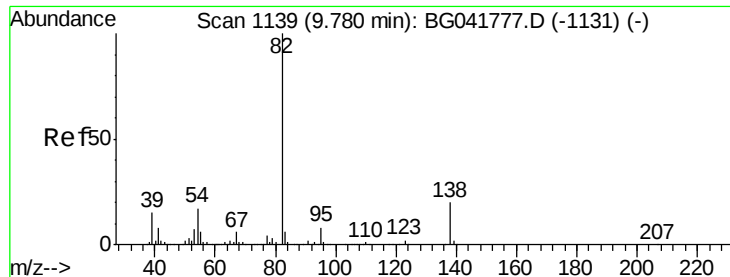
Tot Ion	82	Resp	438906
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.1	52.7
54	55.5	48.7	73.1



#24
 Nitrobenzene
 Concen: 43.045 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

Tgt Ion	77	Resp	233772
Ion Ratio	Lower	Upper	
77	100		
123	49.3	38.1	57.1
65	13.7	11.0	16.6





#25

Isophorone

Concen: 42.119 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

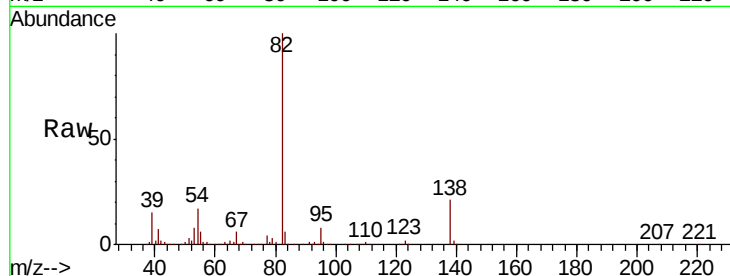
Tot Ion: 82 Resp: 472330

Ion Ratio Lower Upper

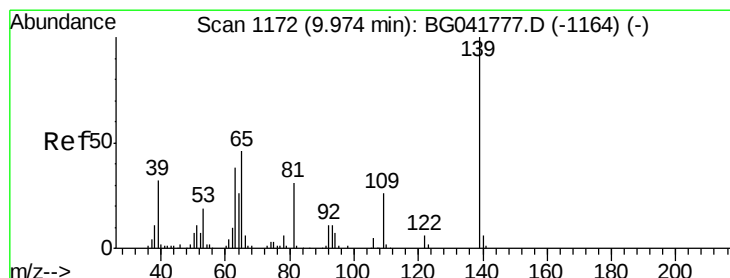
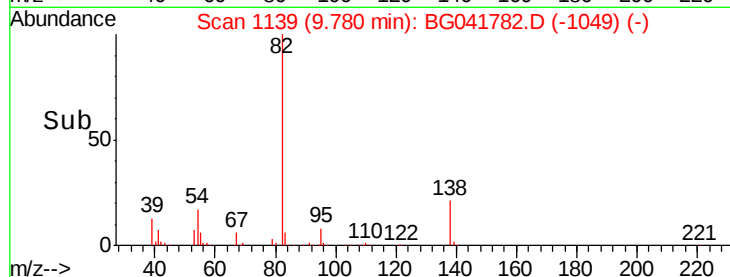
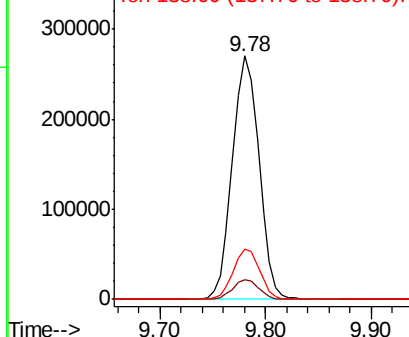
82 100

95 8.0 5.9 8.9

138 20.7 16.3 24.5



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



#26

2-Nitrophenol

Concen: 46.731 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

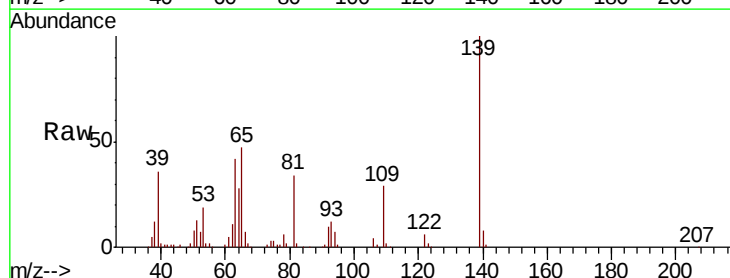
Tgt Ion: 139 Resp: 117787

Ion Ratio Lower Upper

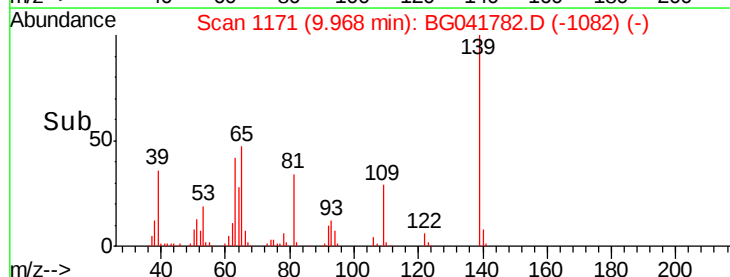
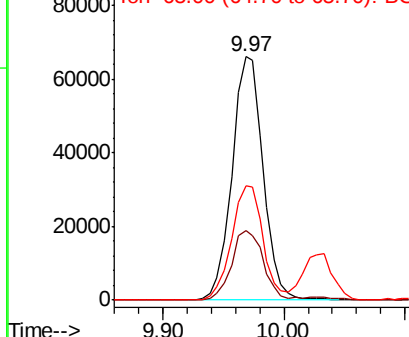
139 100

109 28.8 22.7 34.1

65 47.0 41.1 61.7



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

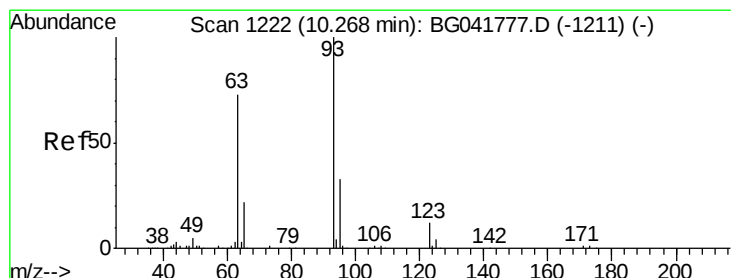
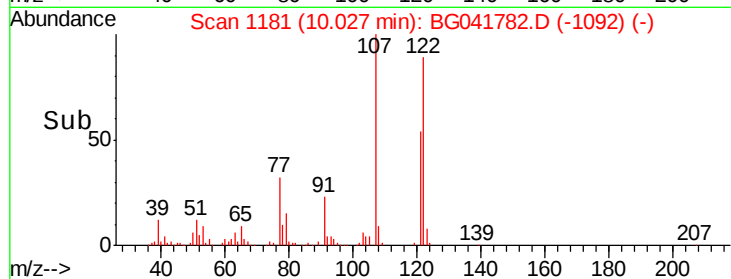
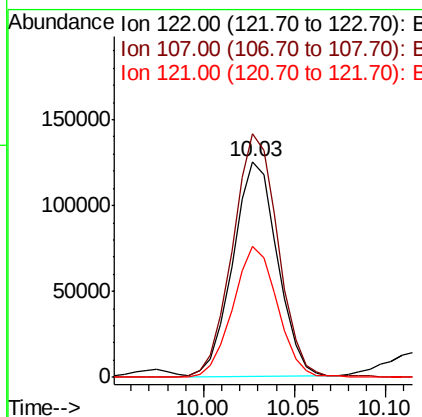
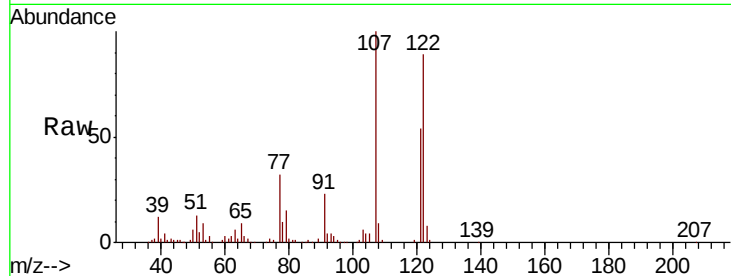




#27
 2,4-Dimethylphenol
 Concen: 47.981 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

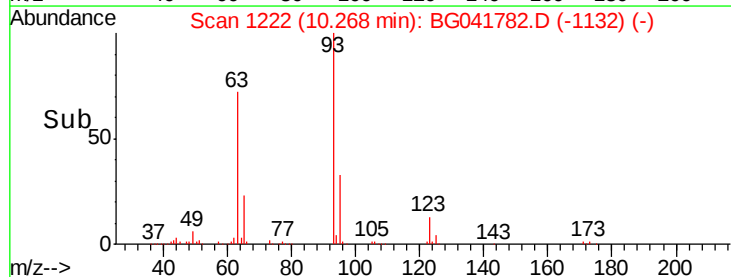
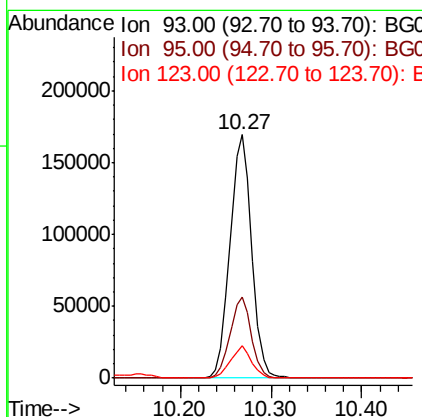
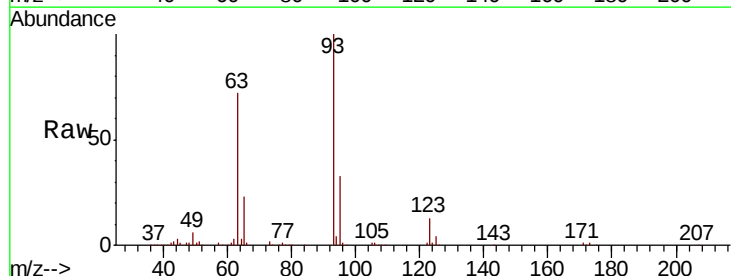
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072719

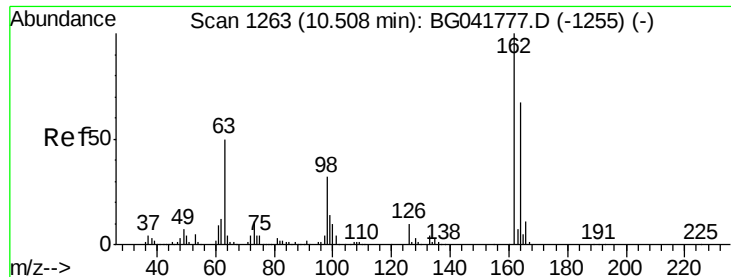
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	91.3	136.9
121	60.7	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.220 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	13.3	9.9	14.9

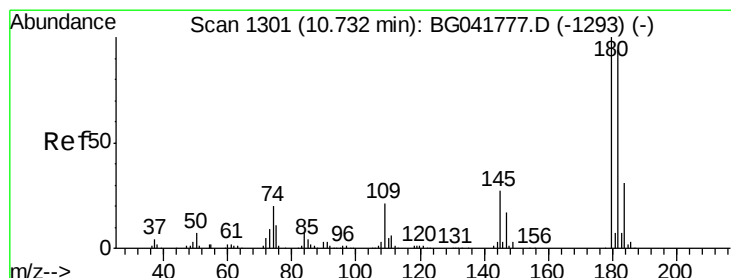
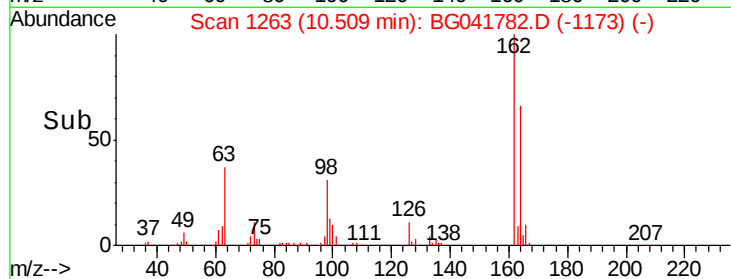
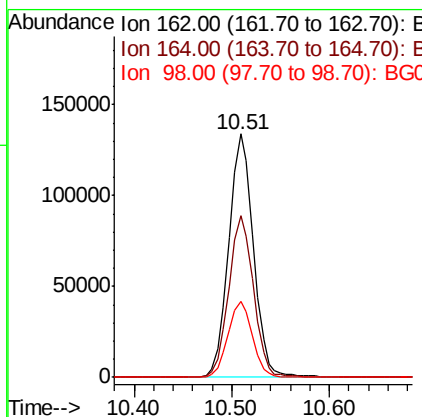
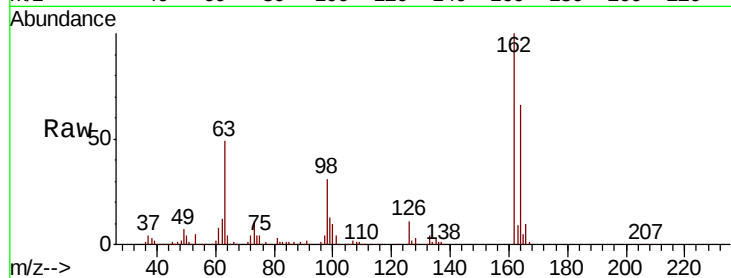




#29
2,4-Dichlorophenol
Concen: 43.382 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

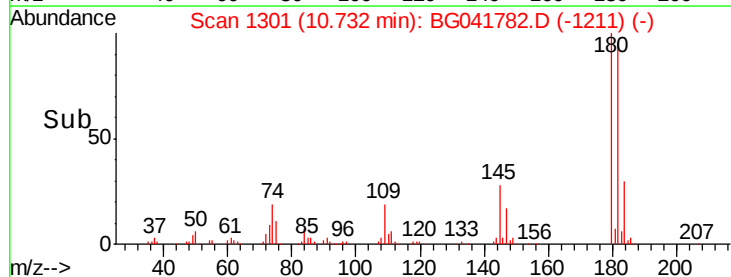
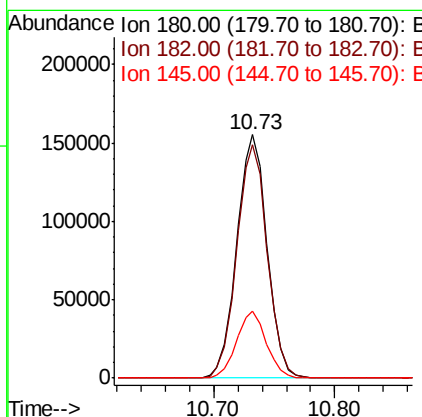
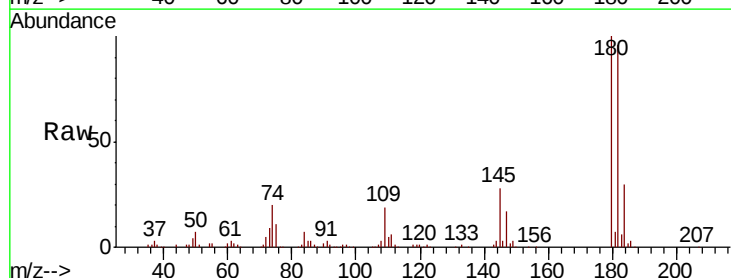
Instrument :
BNA_G
ClientSampleId :
ICVBG072719

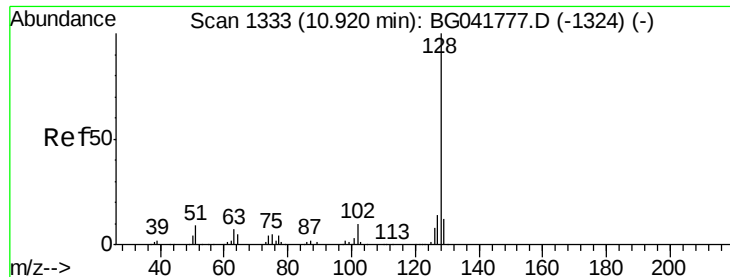
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	46.1	86.1
98	31.3	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 39.350 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.2
145	27.8	23.8	35.8





#31

Naphthalene

Concen: 41.698 ng

RT: 10.92 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

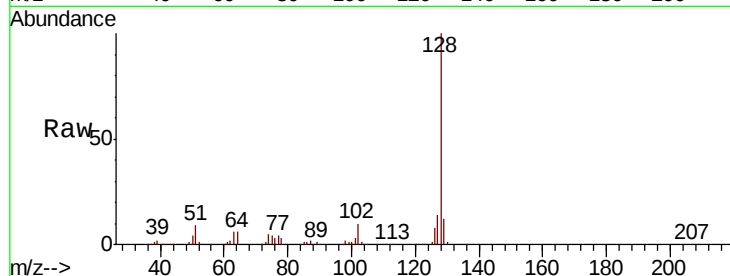
Tot Ion:128 Resp: 677012

Ion Ratio Lower Upper

128 100

129 11.5 10.0 15.0

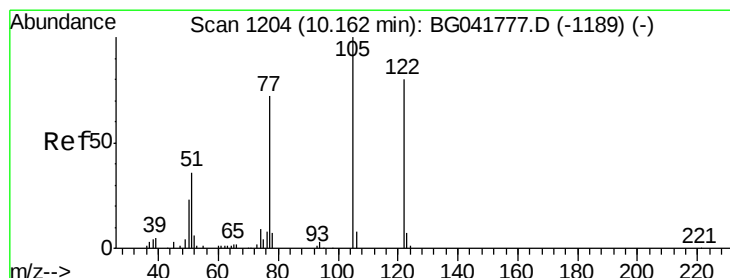
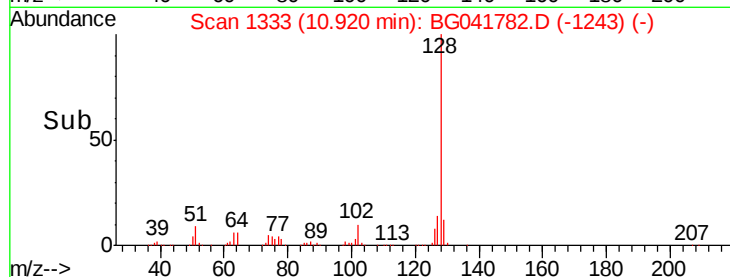
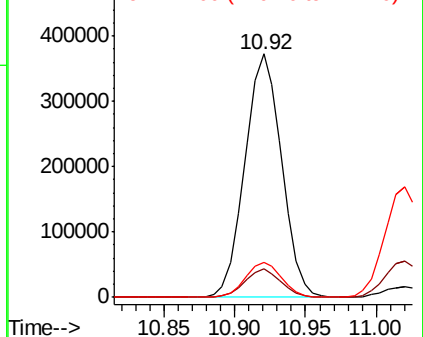
127 14.5 12.3 18.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.485 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

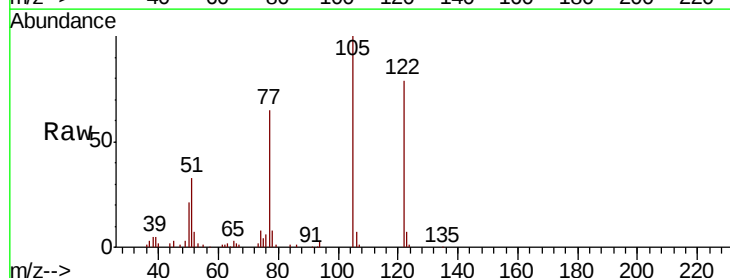
Tgt Ion:122 Resp: 111702

Ion Ratio Lower Upper

122 100

105 126.9 101.5 141.5

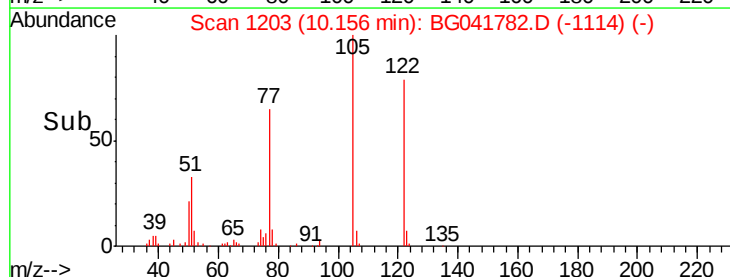
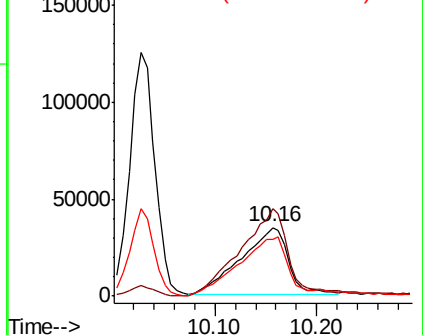
77 82.1 73.0 113.0

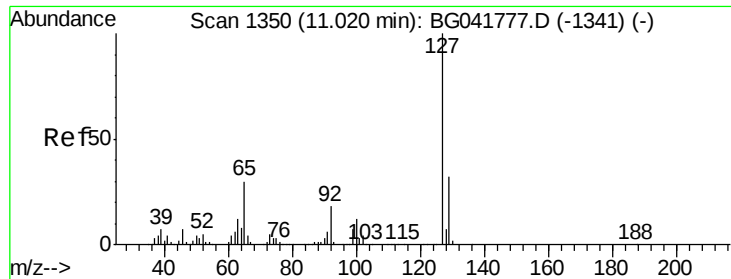


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

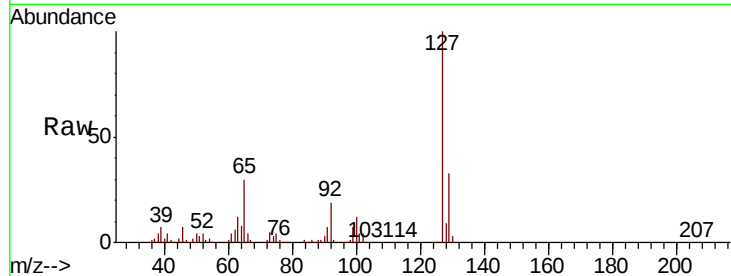




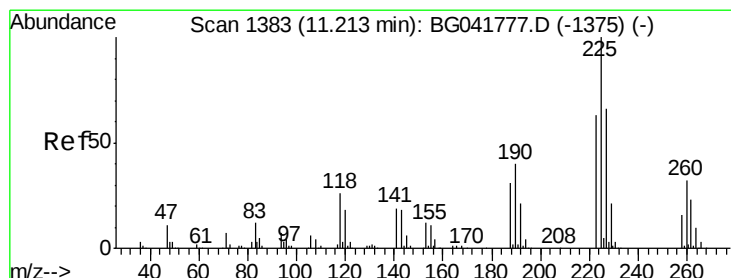
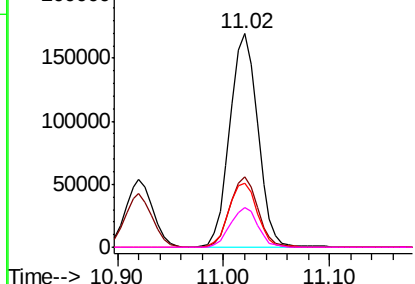
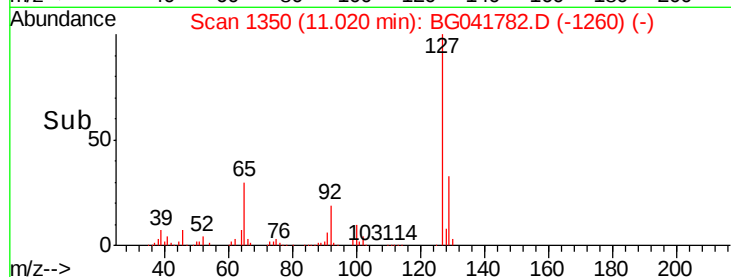
#33
4-Chloroaniline
Concen: 40.234 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Instrument :
BNA_G
ClientSampleId :
ICVBG072719

Tot Ion:	127	Resp:	309783
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	30.3	26.7	40.1
92	18.6	15.4	23.0

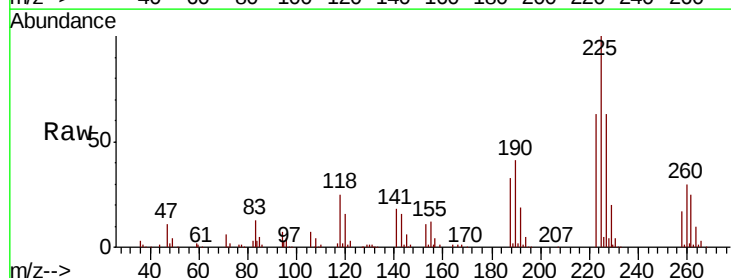


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

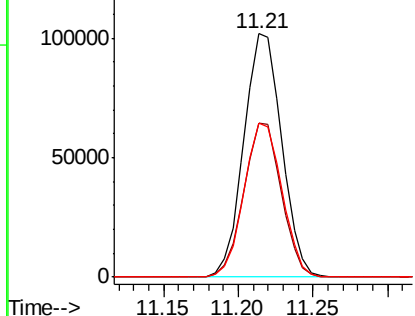
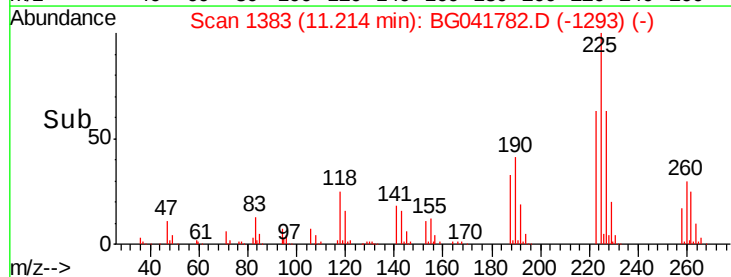


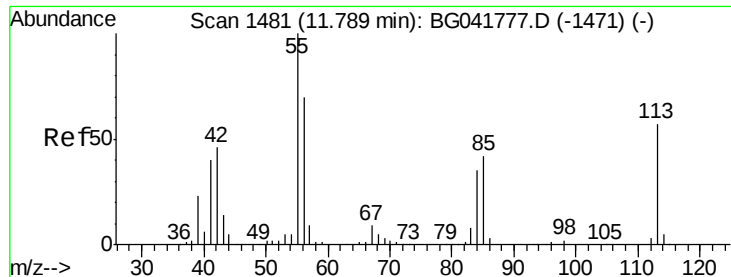
#34
Hexachlorobutadiene
Concen: 38.599 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion:	225	Resp:	178965
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.1	76.7
227	63.5	50.9	76.3



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





#35

Caprolactam

Concen: 44.001 ng

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

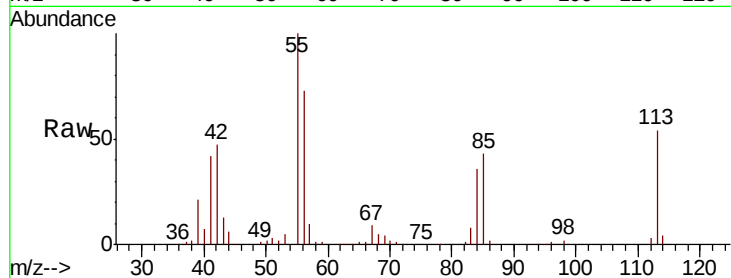
Tot Ion:113 Resp: 82840

Ion Ratio Lower Upper

113 100

55 184.9 199.4 239.4#

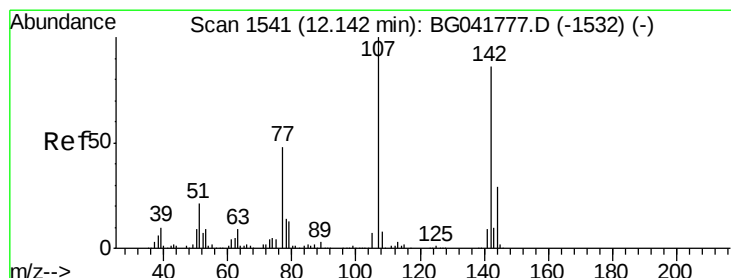
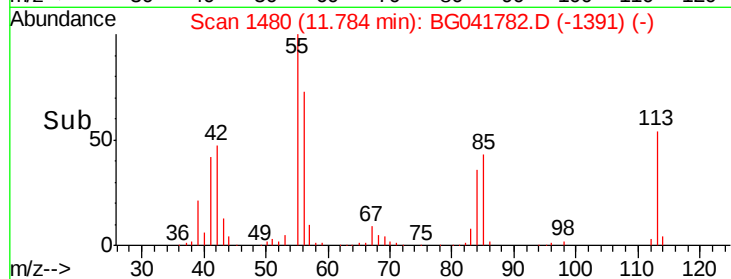
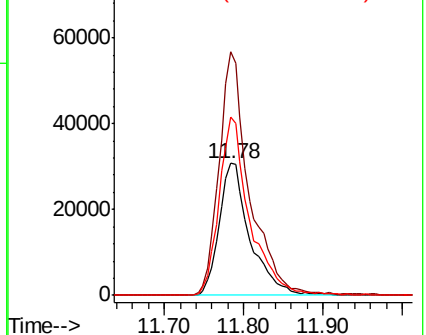
56 135.0 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041777.D (-1471) (-)

Ion 56.00 (55.70 to 56.70): BG041777.D (-1471) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.247 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

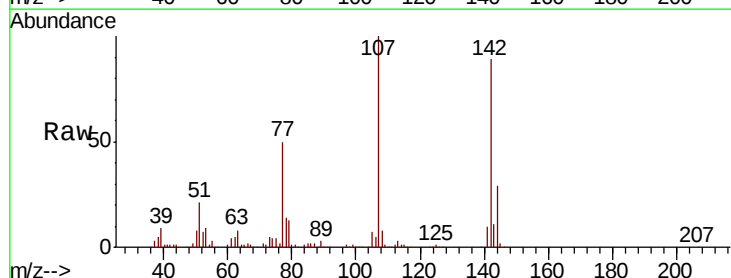
Tgt Ion:107 Resp: 237643

Ion Ratio Lower Upper

107 100

144 28.7 22.2 33.2

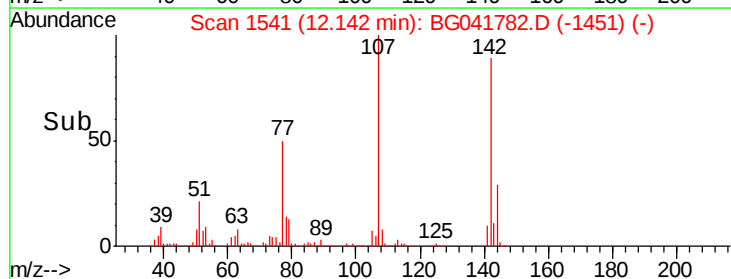
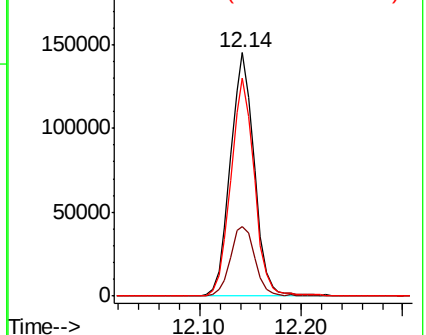
142 89.4 67.3 100.9

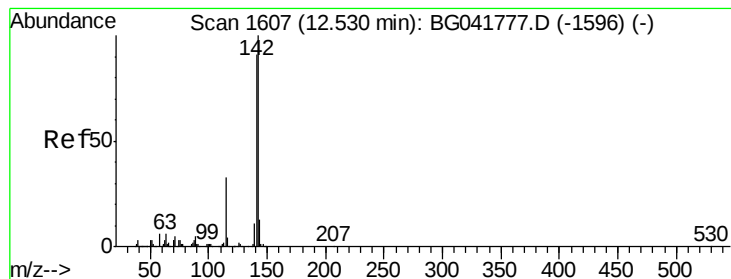


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.792 ng

RT: 12.53 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

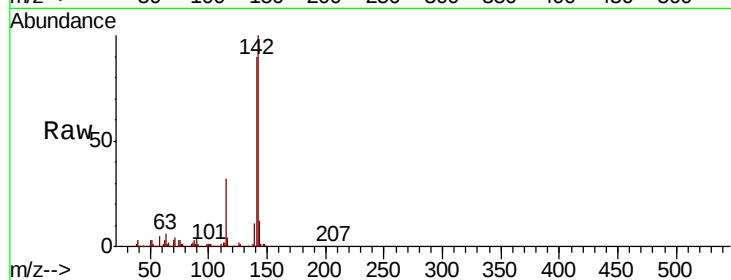
BNA_G

ClientSampleId :

ICVBG072719

Tot Ion:142 Resp: 549937

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.7	109.1
115	32.3	27.0	40.4

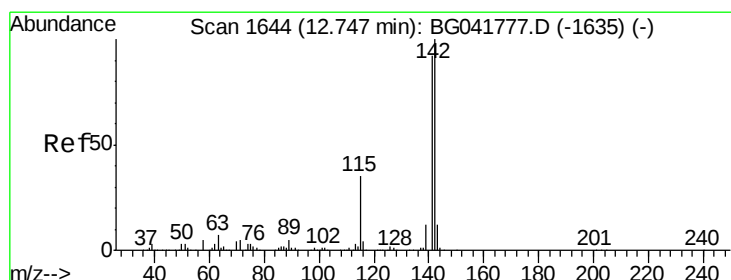
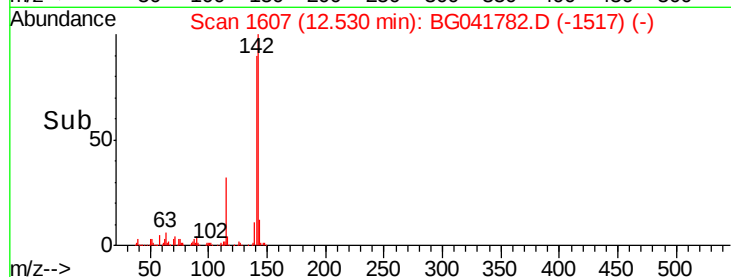
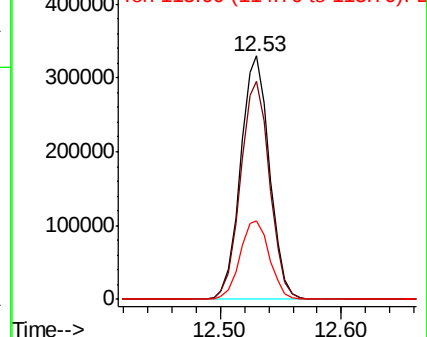


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.118 ng

RT: 12.75 min Scan# 1644

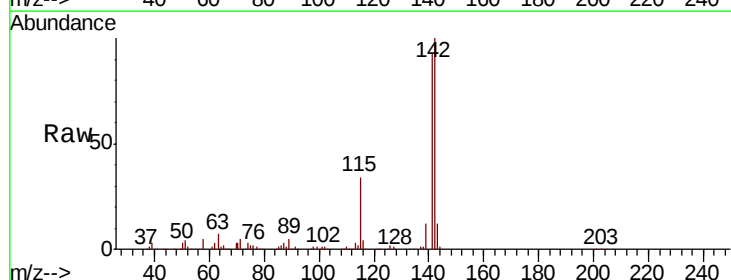
Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Tgt Ion:142 Resp: 512948

Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.4	113.2
116	3.7	3.2	4.8

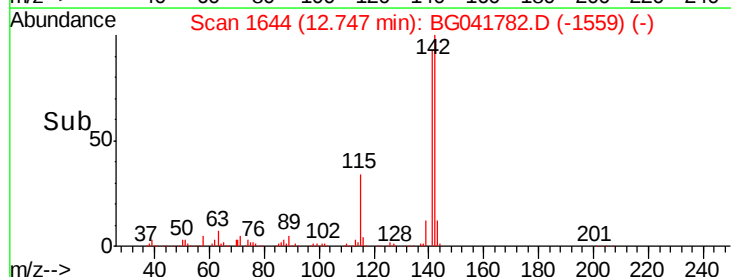
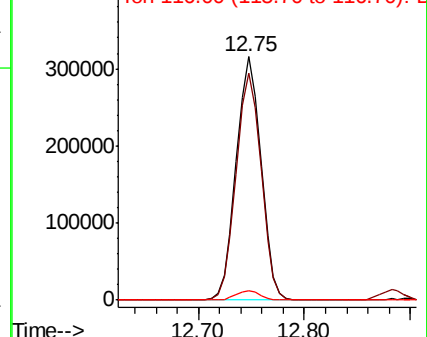


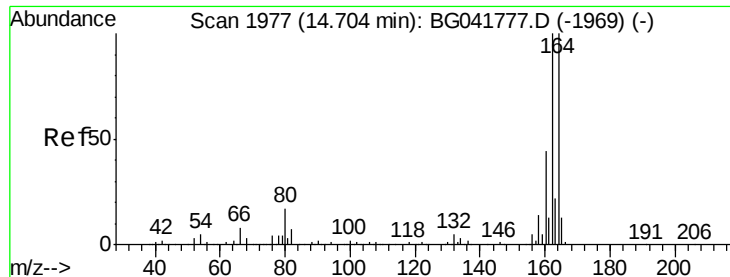
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

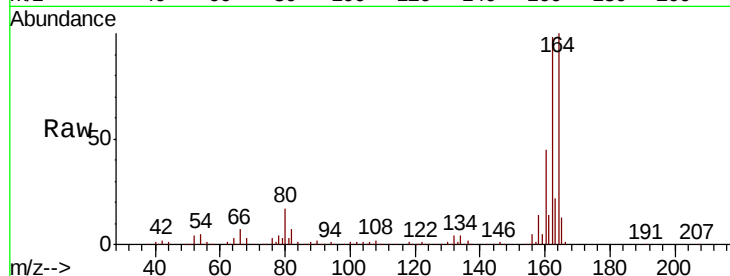
Tot Ion:164 Resp: 260533

Ion Ratio Lower Upper

164 100

162 97.8 79.6 119.4

160 44.7 35.4 53.0

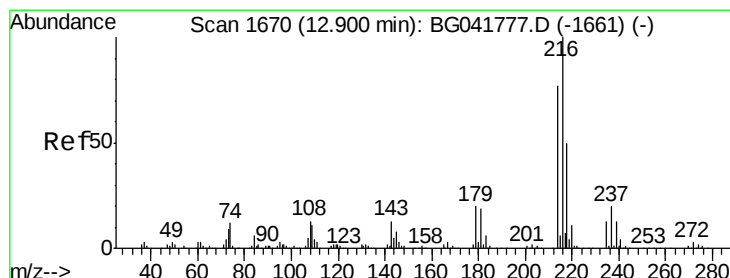
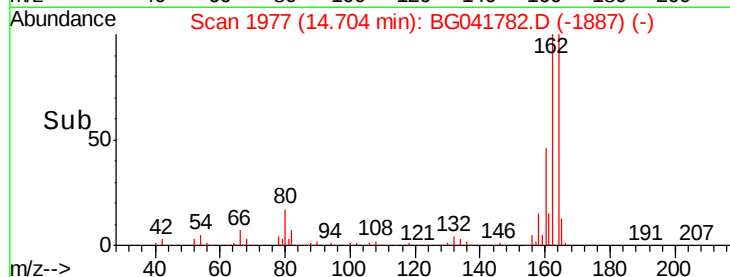
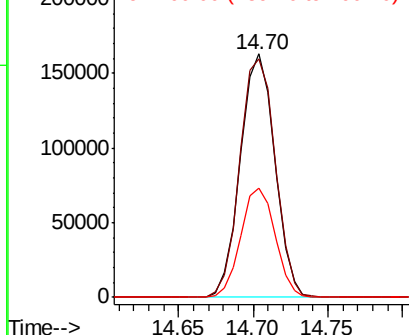


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.801 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Tgt Ion:216 Resp: 336488

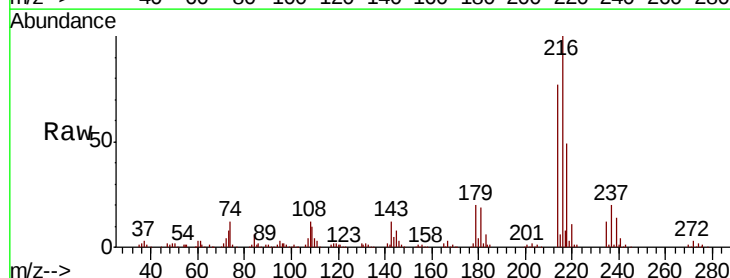
Ion Ratio Lower Upper

216 100

214 77.0 61.5 92.3

179 19.3 16.2 24.2

108 13.9 13.2 19.8



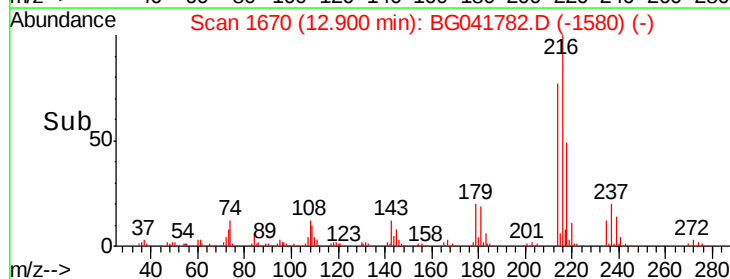
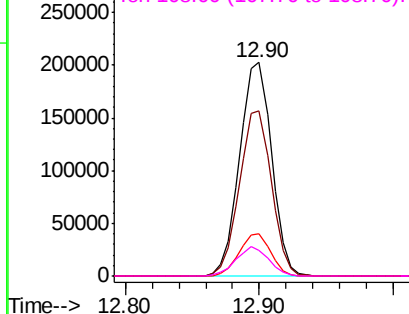
Abundance

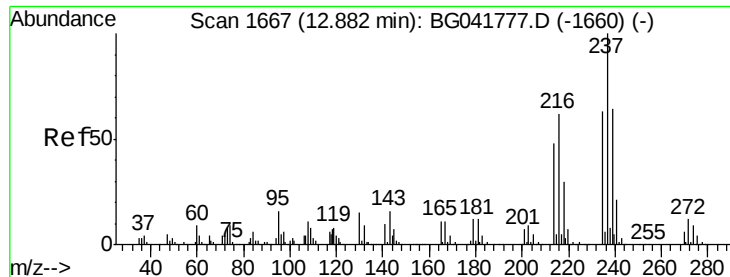
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.055 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

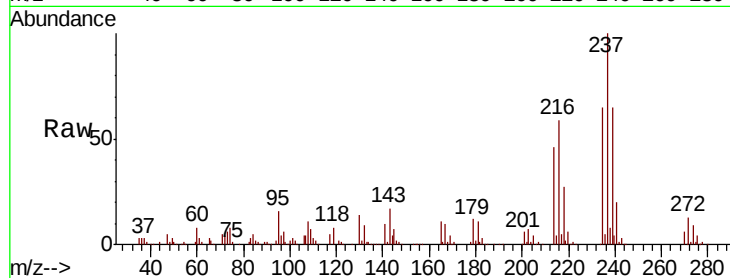
Tot Ion:237 Resp: 218180

Ion Ratio Lower Upper

237 100

235 64.9 43.5 83.5

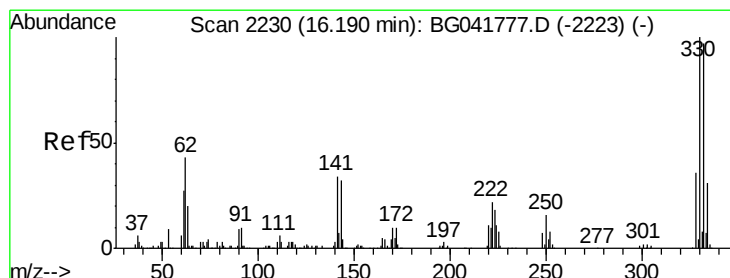
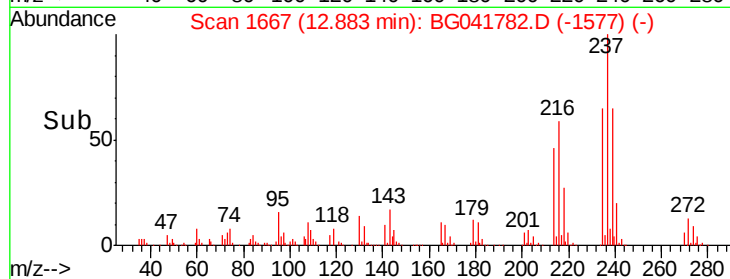
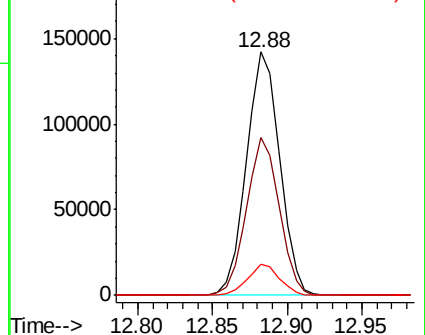
272 12.6 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.783 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

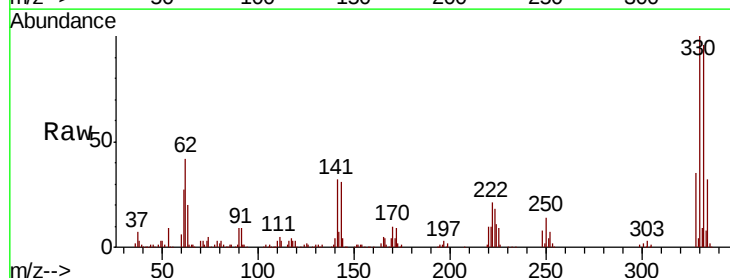
Tgt Ion:330 Resp: 259775

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.0

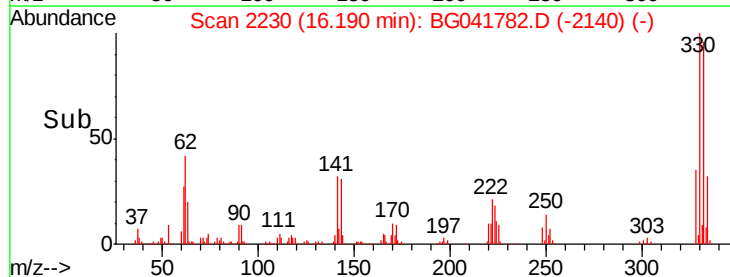
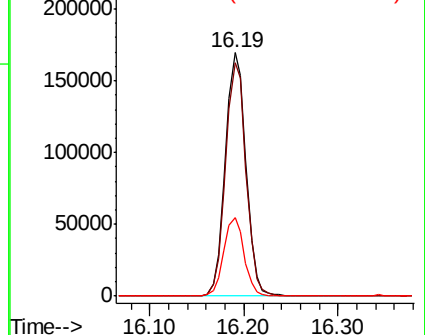
141 31.9 31.9 47.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

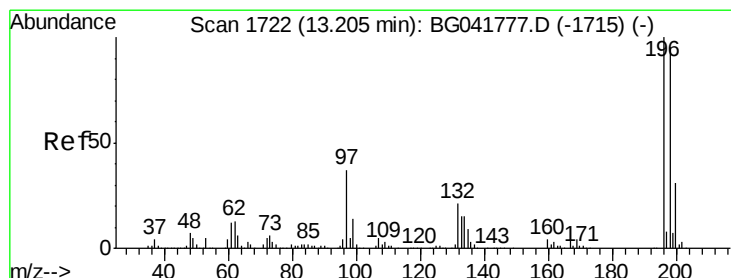
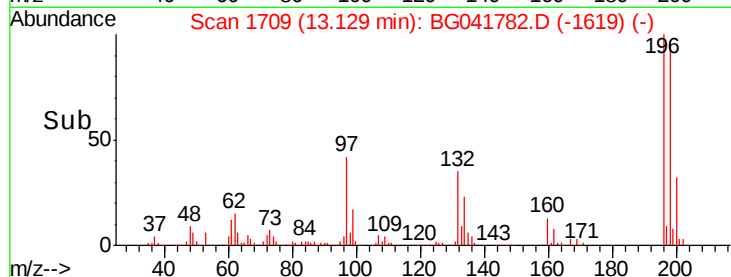
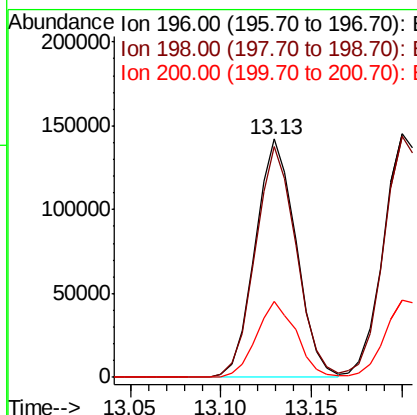
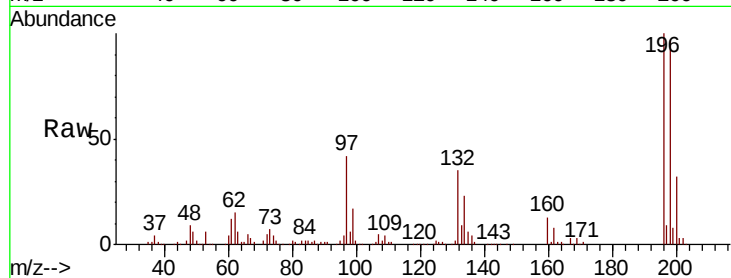




#43
 2,4,6-Trichlorophenol
 Concen: 42.658 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

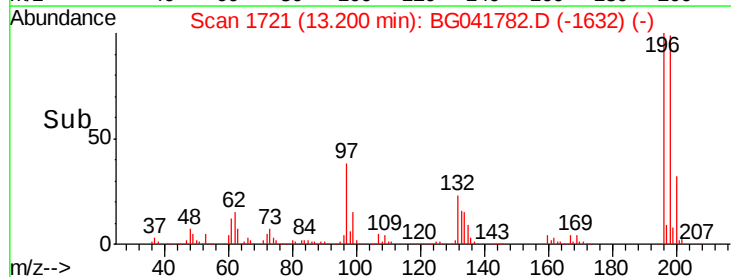
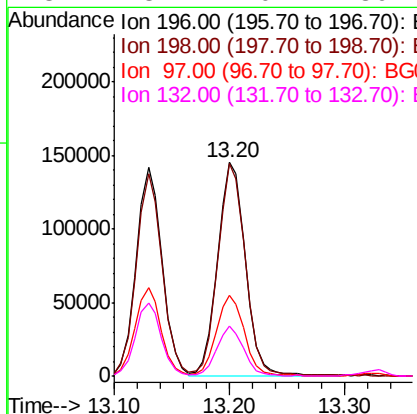
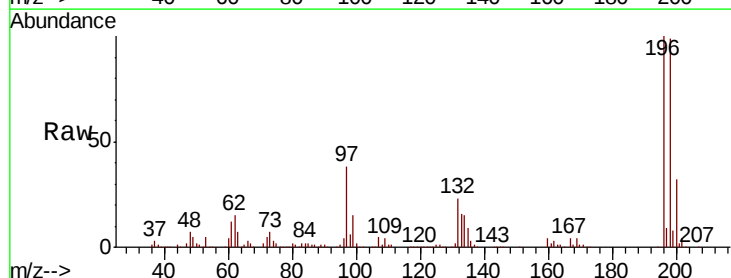
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072719

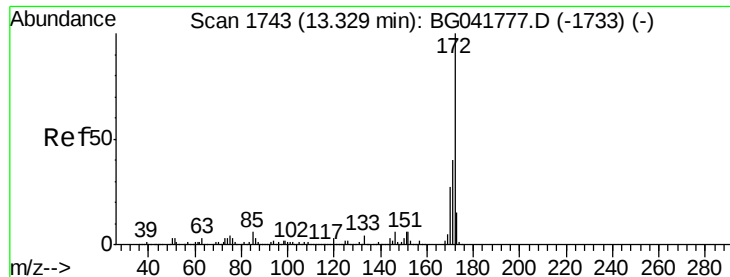
Tot Ion:196 Resp: 222349
 Ion Ratio Lower Upper
 196 100
 198 96.8 79.6 119.4
 200 32.1 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 44.478 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

Tgt Ion:196 Resp: 240922
 Ion Ratio Lower Upper
 196 100
 198 99.2 80.6 121.0
 97 37.8 33.9 50.9
 132 23.2 20.2 30.2



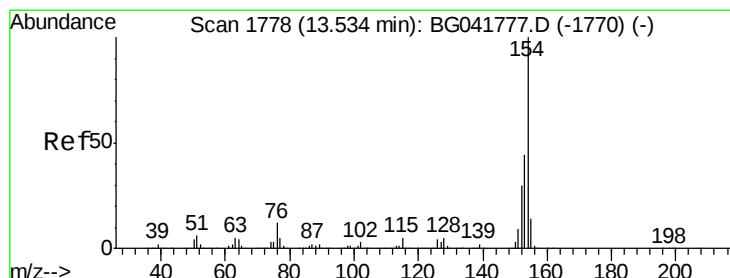
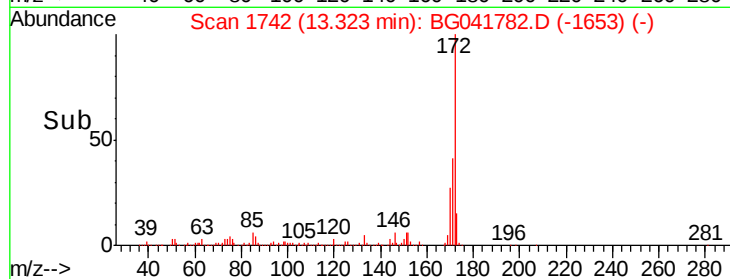
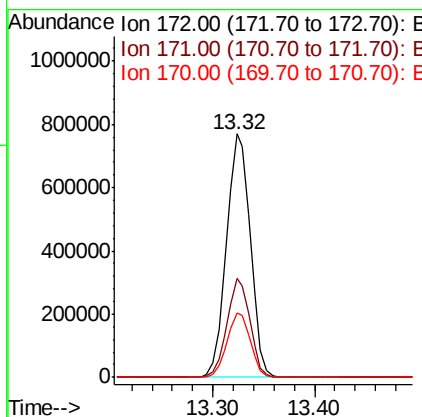
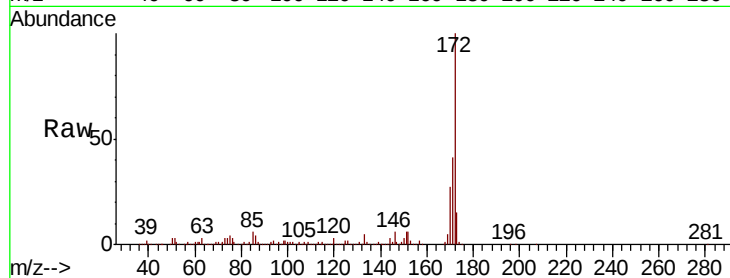


#45
 2-Fluorobiphenyl
 Concen: 84.629 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072719

Tot Ion:172 Resp: 1250116

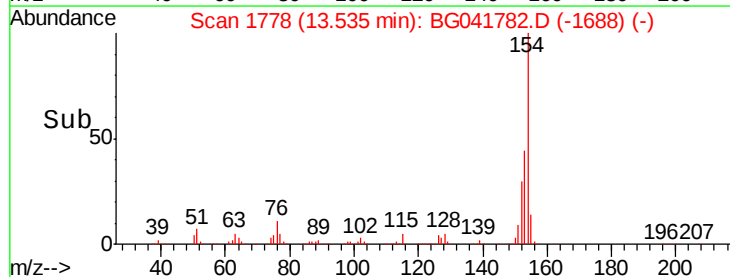
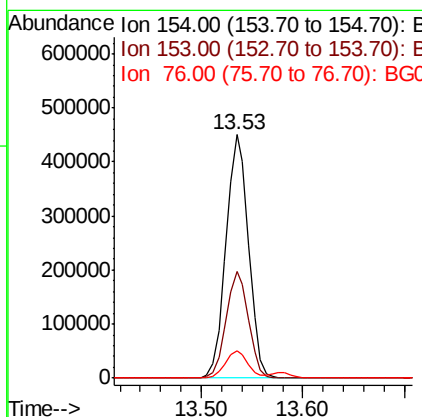
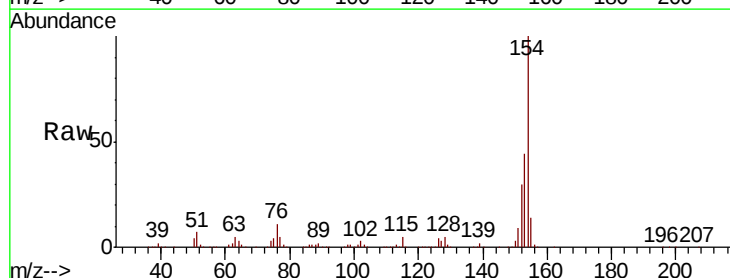
Ion	Ratio	Lower	Upper
172	100		
171	40.6	35.0	52.4
170	26.6	23.5	35.3

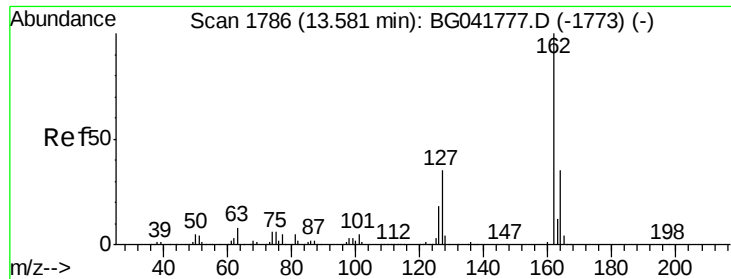


#46
 1,1'-Biphenyl
 Concen: 41.184 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

Tgt Ion:154 Resp: 689748

Ion	Ratio	Lower	Upper
154	100		
153	44.1	25.0	65.0
76	11.3	0.0	34.5

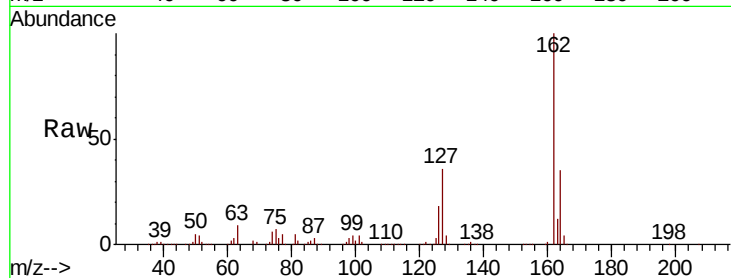




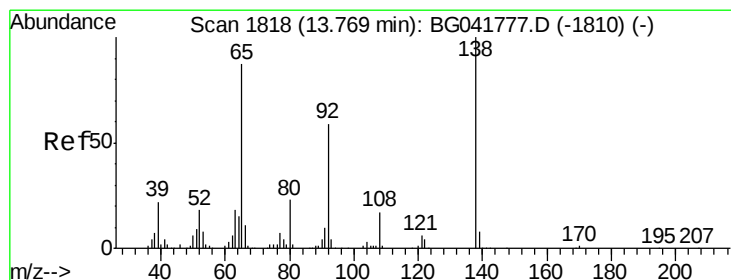
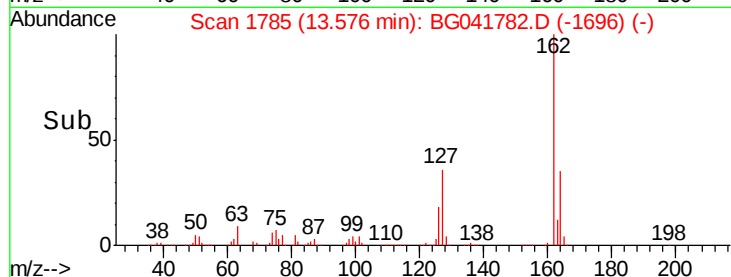
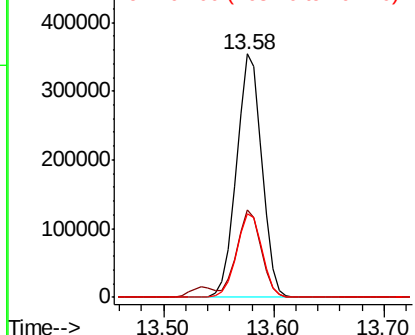
#47
2-Chloronaphthalene
Concen: 40.060 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Instrument :
BNA_G
ClientSampleId :
ICVBG072719

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.9	30.4	45.6
164	34.6	28.6	42.8

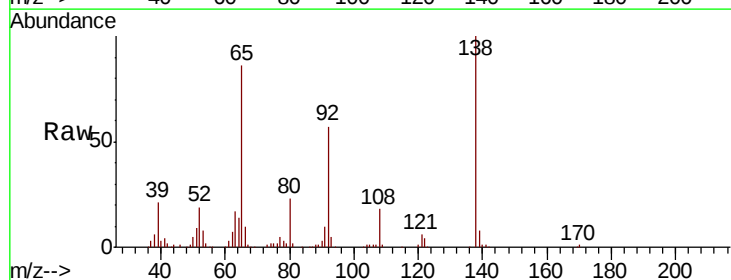


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

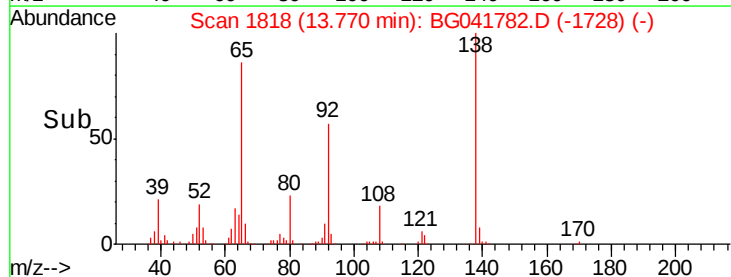
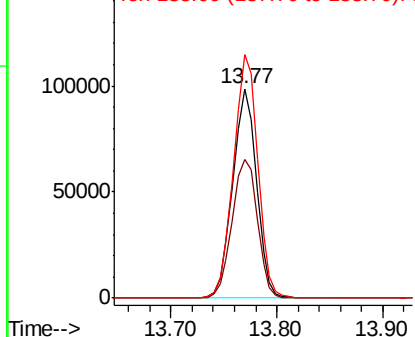


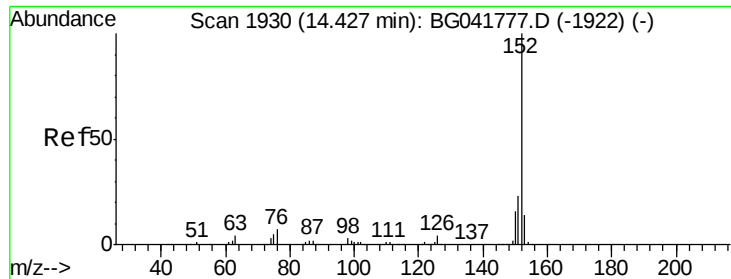
#48
2-Nitroaniline
Concen: 42.487 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.9	80.9
138	116.5	83.5	125.3



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: 42.880 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

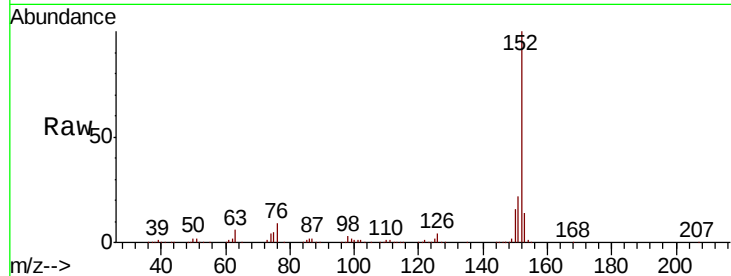
Tot Ion:152 Resp: 914588

Ion Ratio Lower Upper

152 100

151 21.8 18.7 28.1

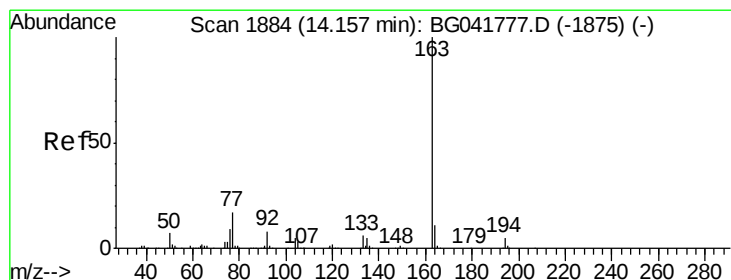
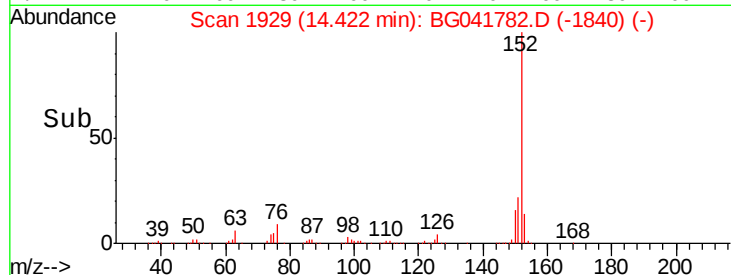
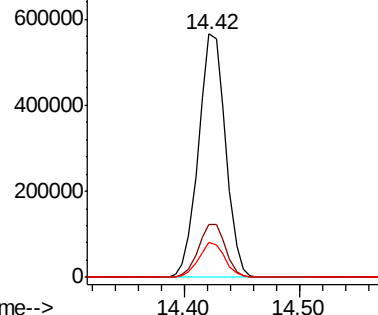
153 14.3 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.648 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

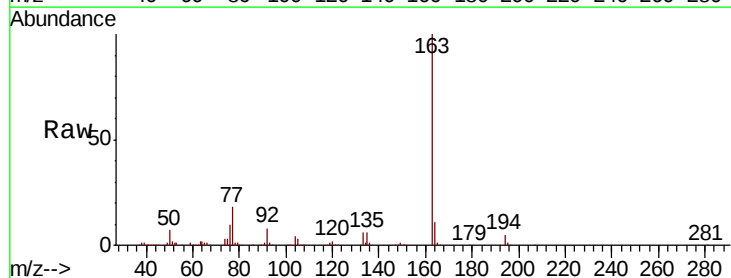
Tgt Ion:163 Resp: 741056

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

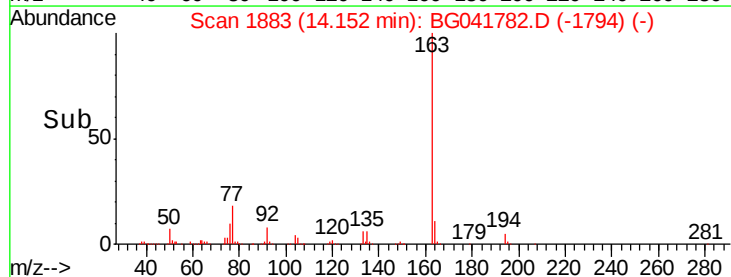
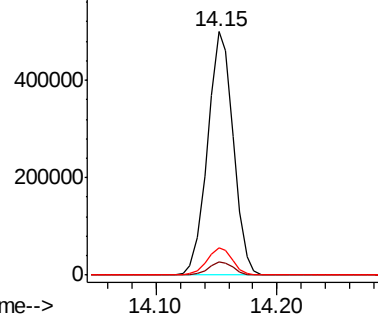
164 11.3 9.4 14.2

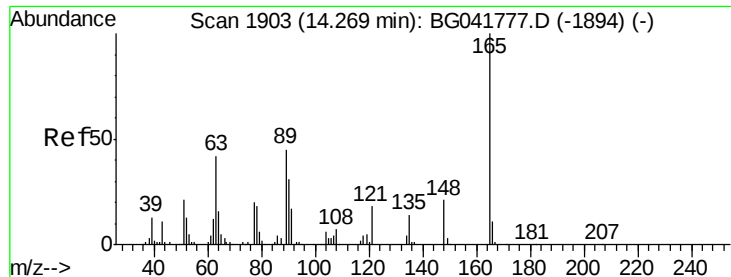


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

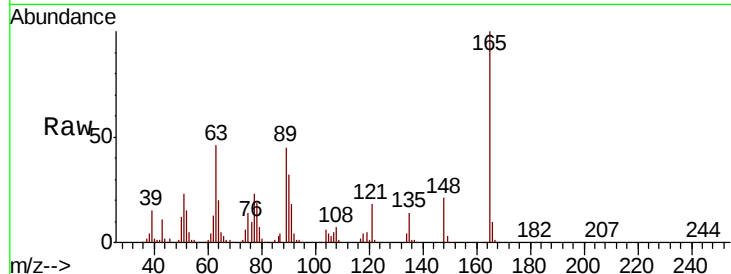




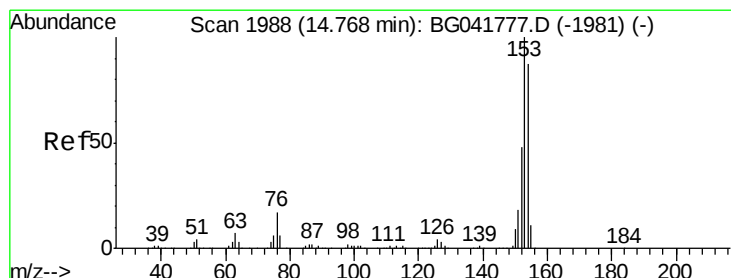
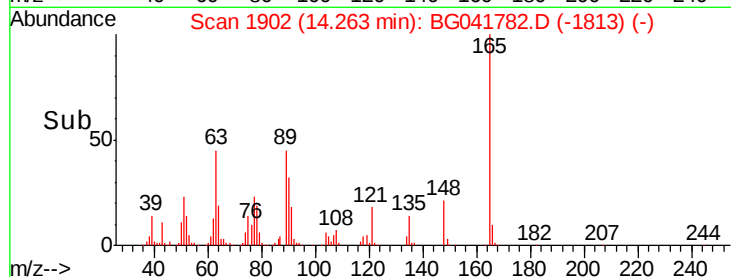
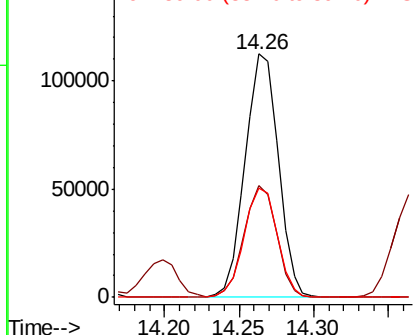
#51
 2,6-Dinitrotoluene
 Concen: 46.649 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072719

Tot Ion:165 Resp: 173562
 Ion Ratio Lower Upper
 165 100
 63 45.7 42.4 63.6
 89 44.9 42.1 63.1

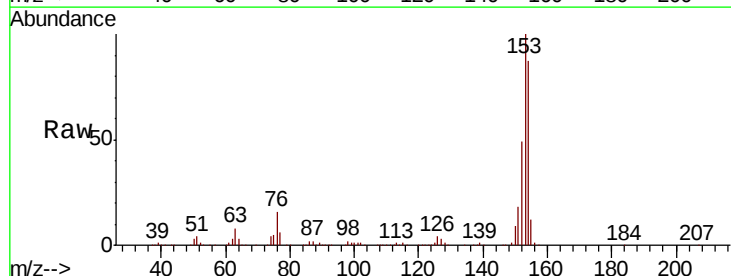


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

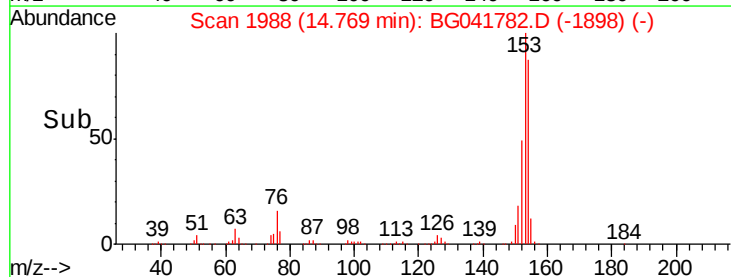
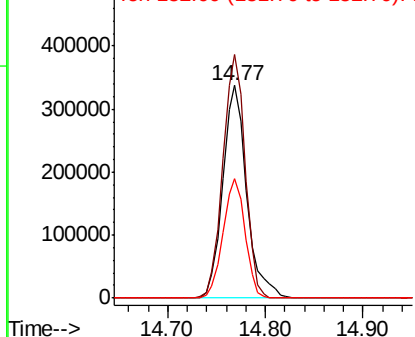


#52
 Acenaphthene
 Concen: 41.373 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

Tgt Ion:154 Resp: 573942
 Ion Ratio Lower Upper
 154 100
 153 114.4 89.8 134.6
 152 56.1 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.941 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

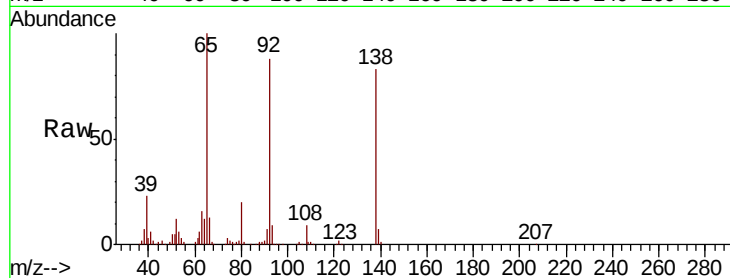
Tot Ion:138 Resp: 166943

Ion Ratio Lower Upper

138 100

108 10.6 10.3 15.5

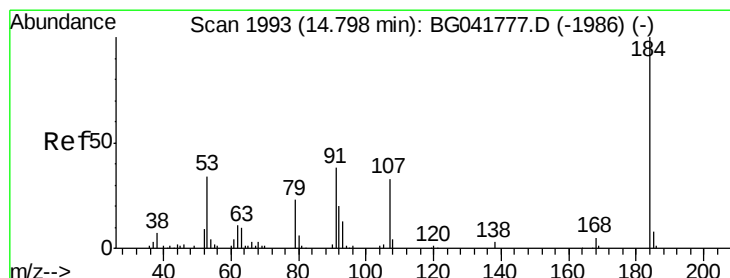
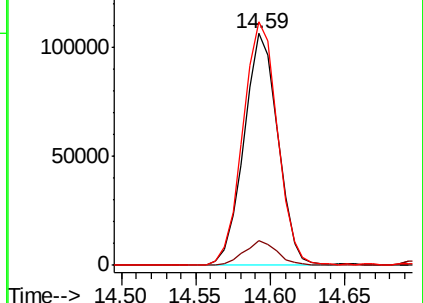
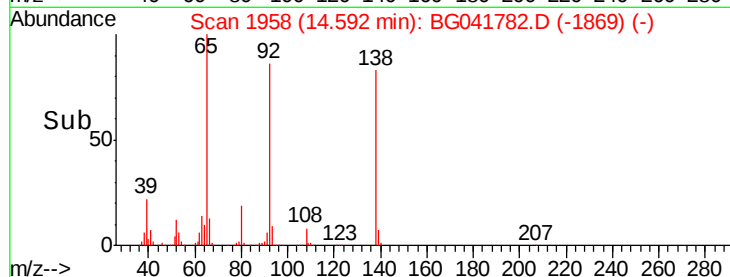
92 105.2 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 45.485 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

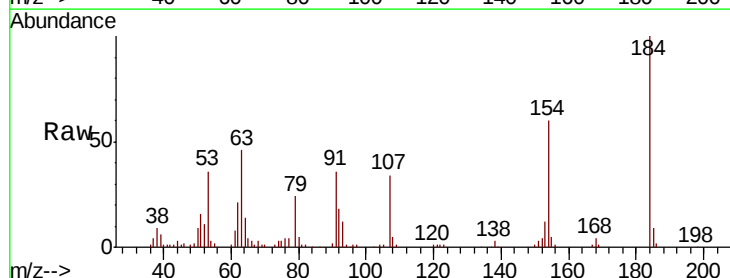
Tgt Ion:184 Resp: 85031

Ion Ratio Lower Upper

184 100

63 45.9 43.2 64.8

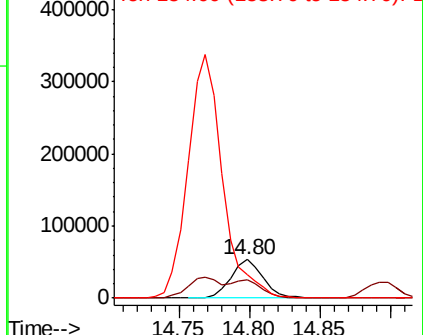
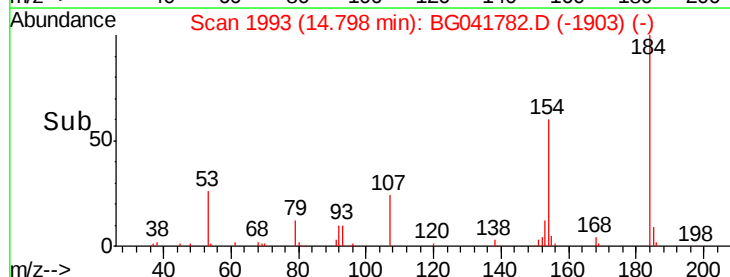
154 59.6 51.4 77.2

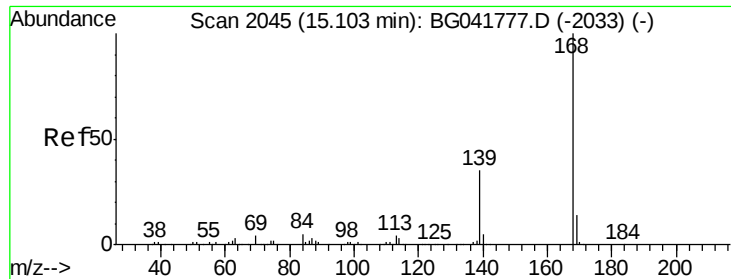


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

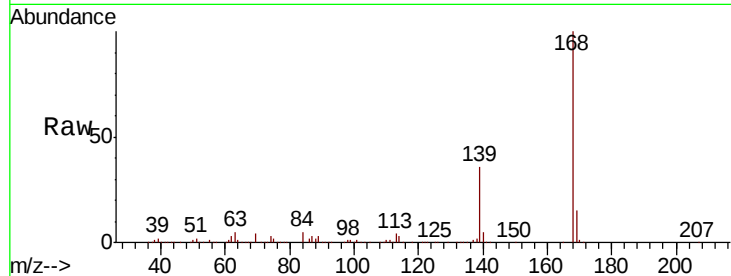




#55
Dibenzenofuran
Concen: 42.546 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Instrument :
BNA_G
ClientSampleId :
ICVBG072719

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.9	47.9
169	14.8	12.5	18.7

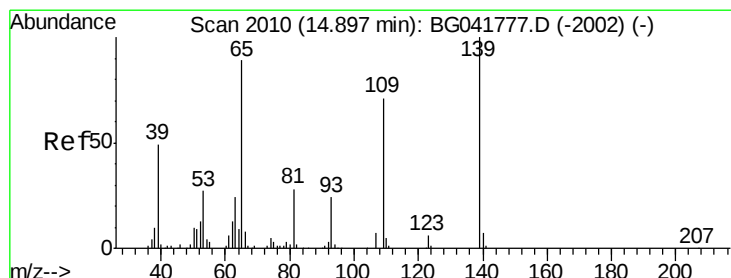
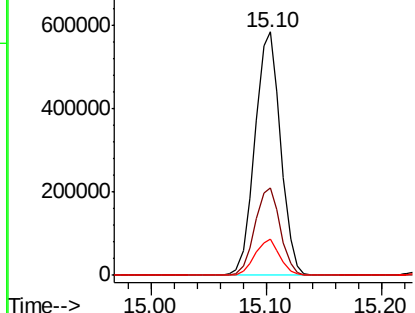
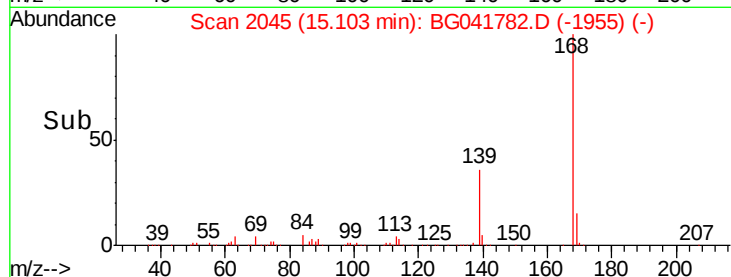


Abundance

Ion 168.00 (167.70 to 168.70): E

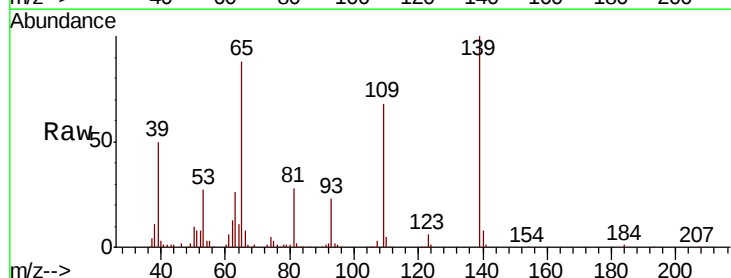
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 46.319 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.4	51.3	91.3
65	88.3	77.6	117.6

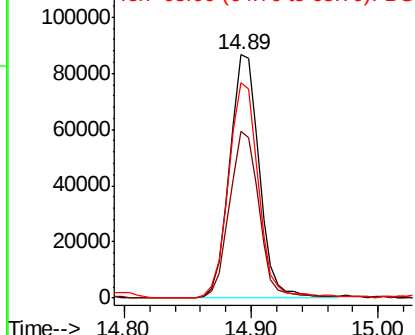
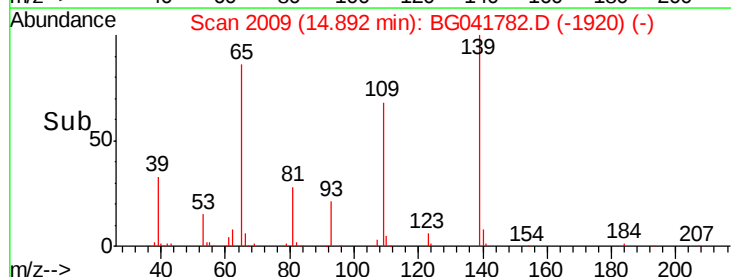


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

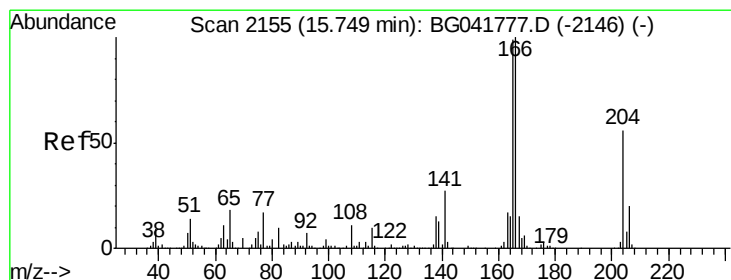
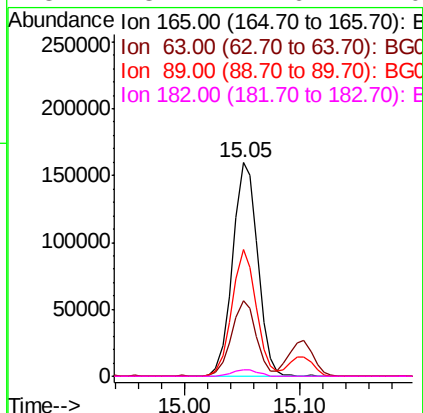
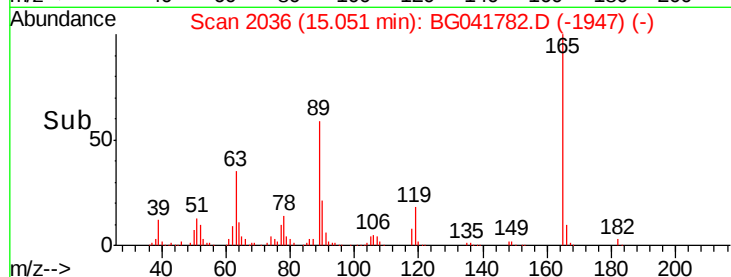
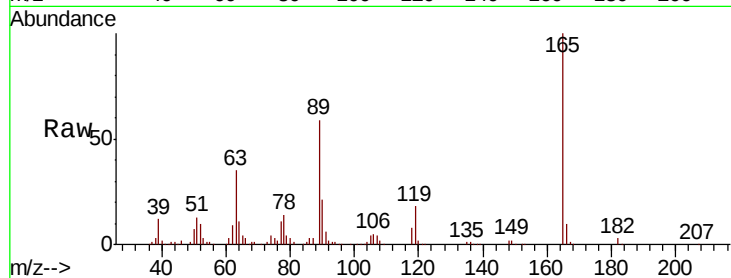




#57
2,4-Dinitrotoluene
Concen: 46.840 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

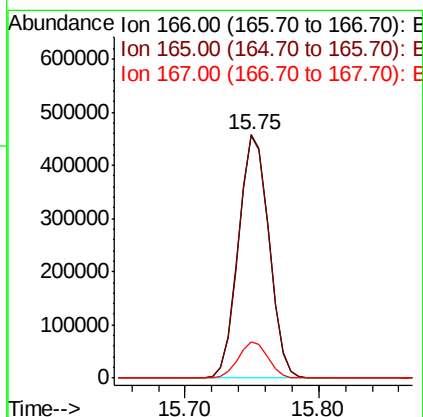
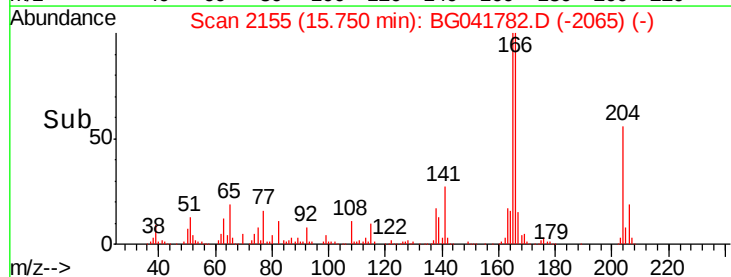
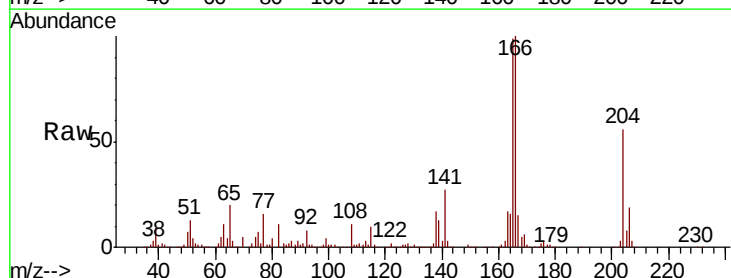
Instrument :
BNA_G
ClientSampleId :
ICVBG072719

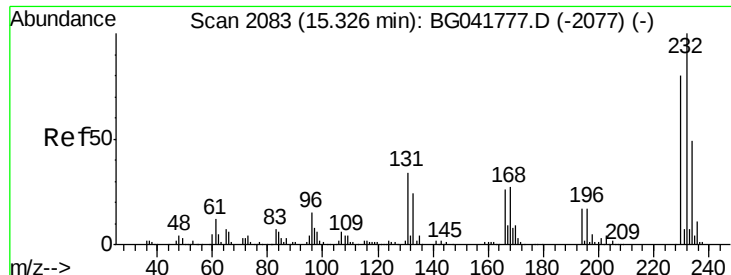
Tot Ion:165 Resp: 239662
Ion Ratio Lower Upper
165 100
63 35.1 31.7 47.5
89 59.3 50.2 75.4
182 3.2 2.6 4.0



#58
Fluorene
Concen: 42.386 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion:166 Resp: 721750
Ion Ratio Lower Upper
166 100
165 99.4 80.5 120.7
167 14.7 12.4 18.6

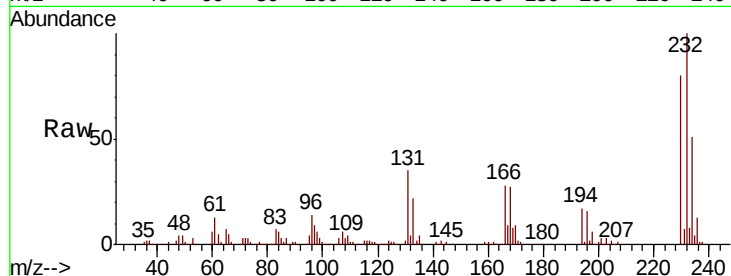




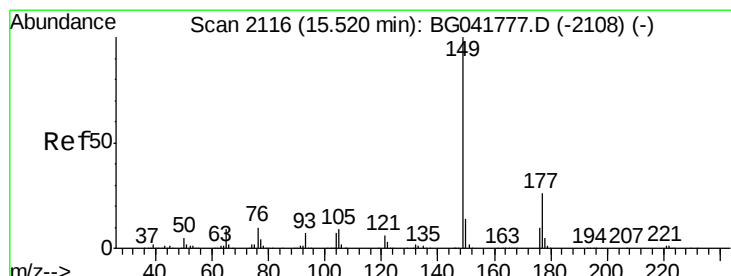
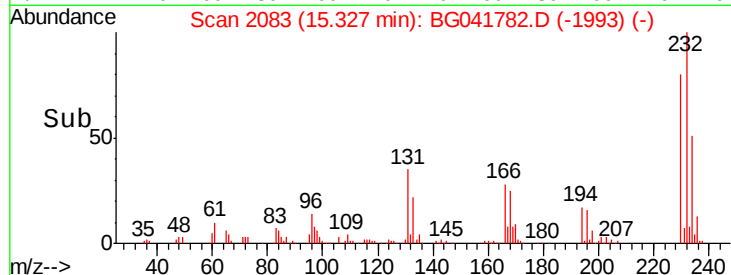
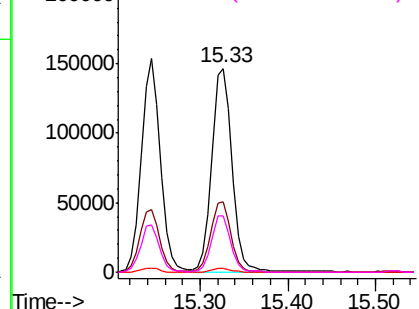
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.227 ng
RT: 15.33 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Instrument :
BNA_G
ClientSampleId :
ICVBG072719

Tot Ion:232	Resp: 237268
Ion Ratio	Lower Upper
232 100	
131 33.7	31.8 47.6
130 1.9	1.8 2.8
166 26.8	23.5 35.3

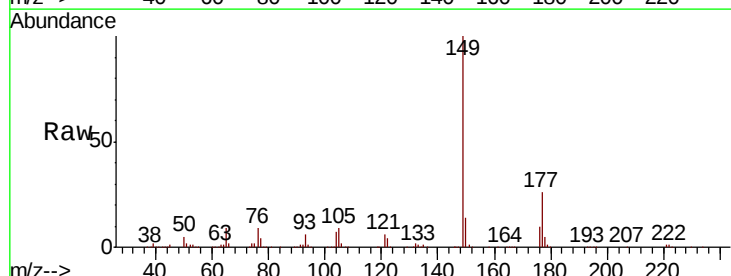


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

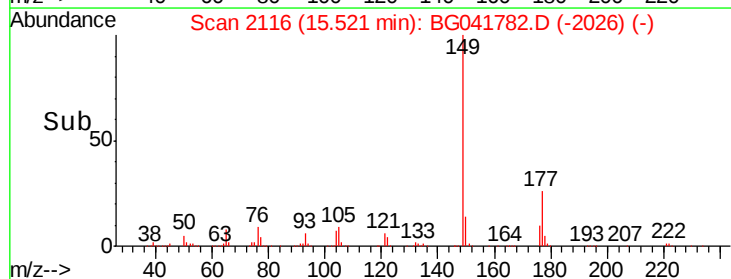
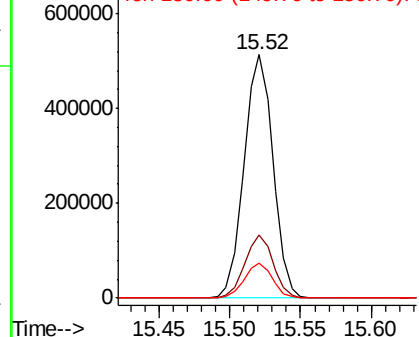


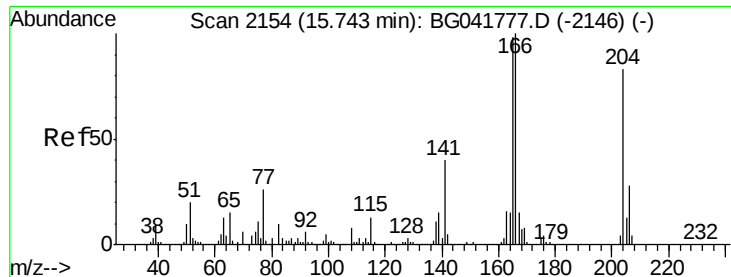
#60
Diethylphthalate
Concen: 42.100 ng
RT: 15.52 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion	Ion:149	Resp:	735439
	Ratio	Lower	Upper
149	100		
177	26.0	20.7	31.1
150	14.2	11.5	17.3



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

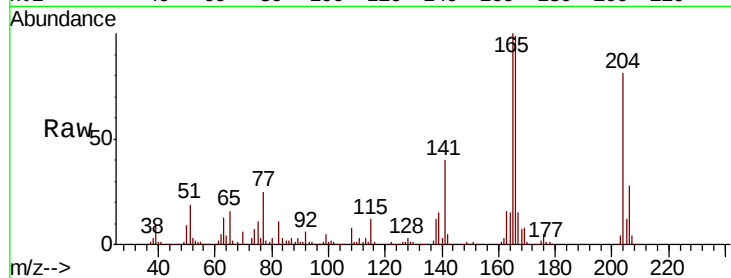




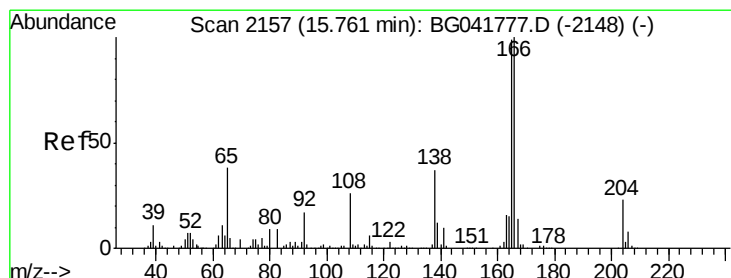
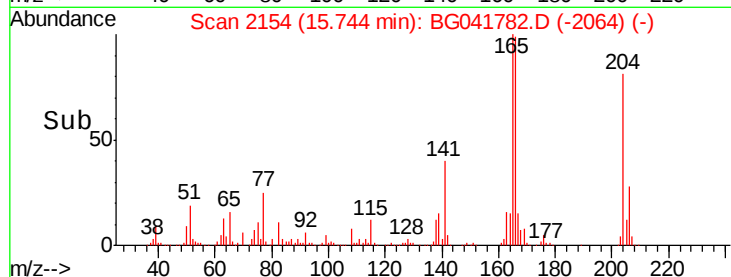
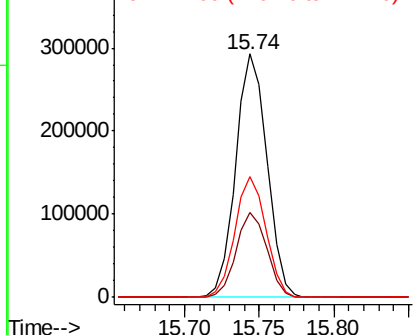
#61
 4-Chlorophenyl-phenylether
 Concen: 41.037 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072719

Tot Ion:204 Resp: 426599
 Ion Ratio Lower Upper
 204 100
 206 34.7 28.6 42.8
 141 49.7 42.9 64.3

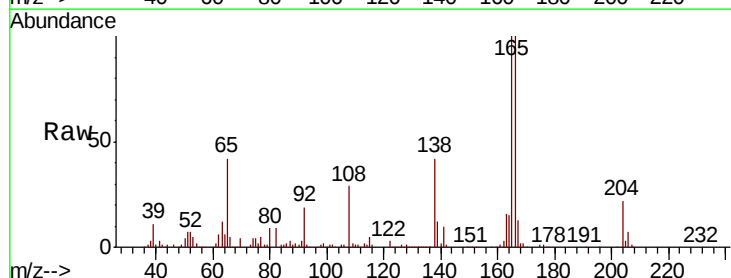


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

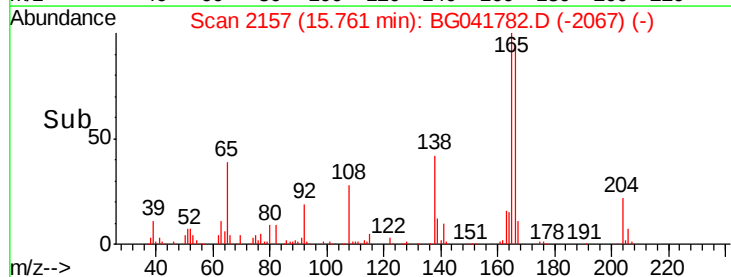
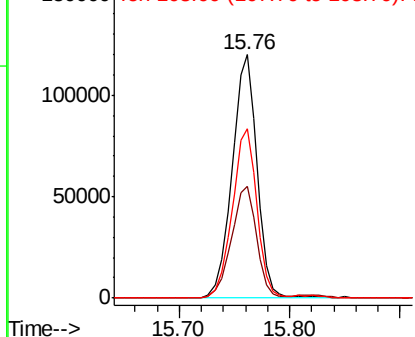


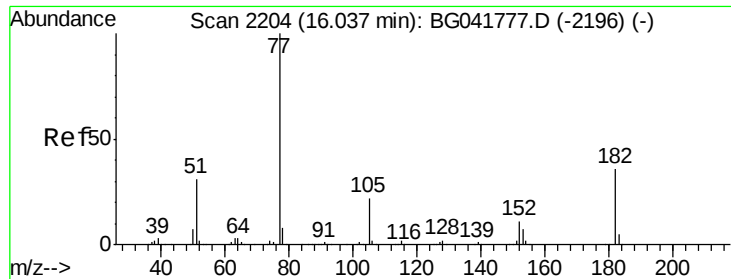
#62
 4-Nitroaniline
 Concen: 44.052 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

Tgt Ion:138 Resp: 189924
 Ion Ratio Lower Upper
 138 100
 92 46.0 29.8 69.8
 108 69.5 52.2 92.2



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





#63

Azobenzene

Concen: 41.682 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

Tot Ion: 77 Resp: 594801

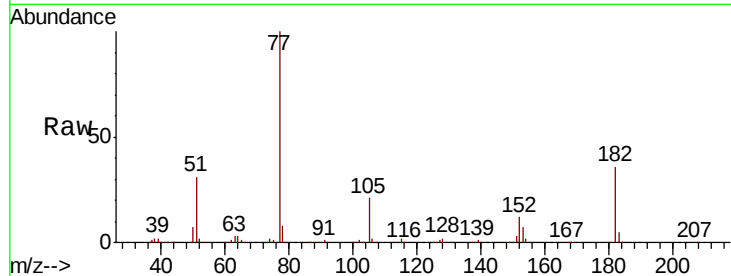
Ion Ratio Lower Upper

77 100

182 35.7 13.2 53.2

105 21.4 2.2 42.2

51 30.6 14.6 54.6

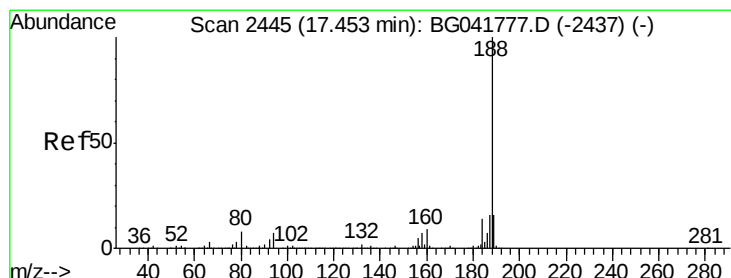
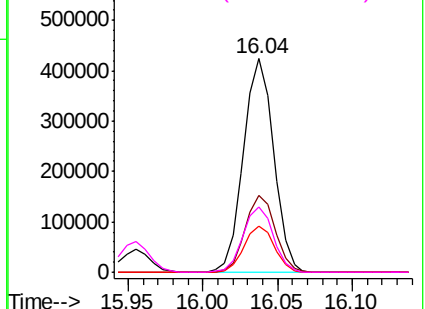
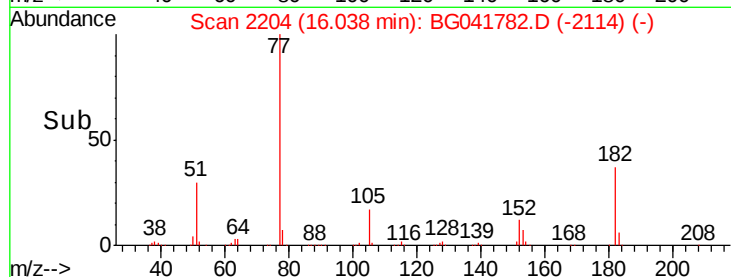


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

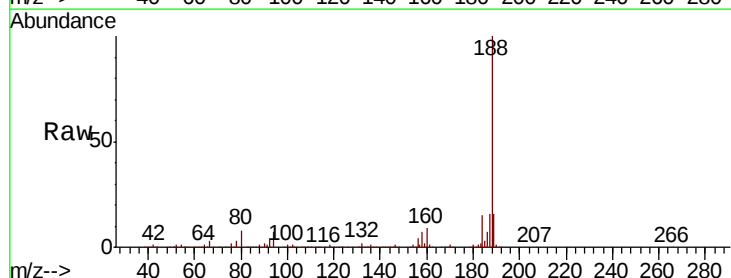
Tgt Ion: 188 Resp: 591844

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

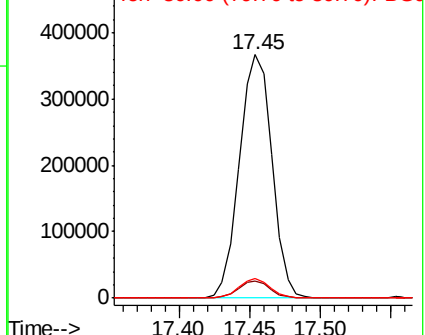
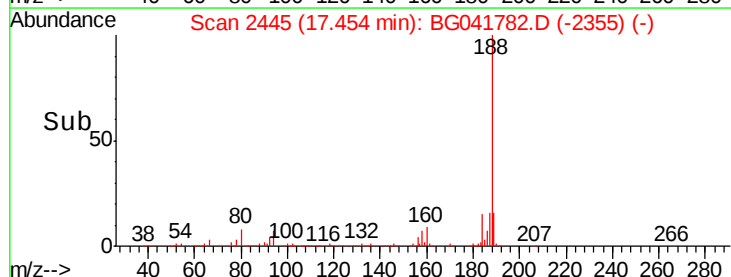
80 8.0 8.0 12.0

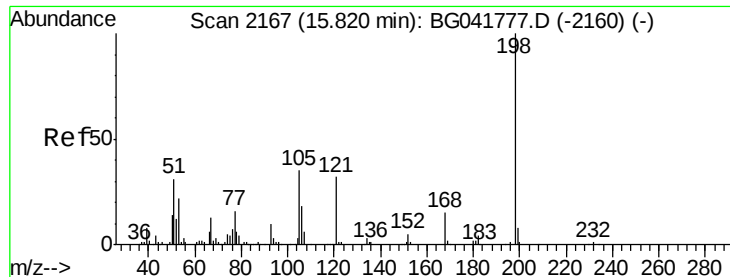


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.251 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

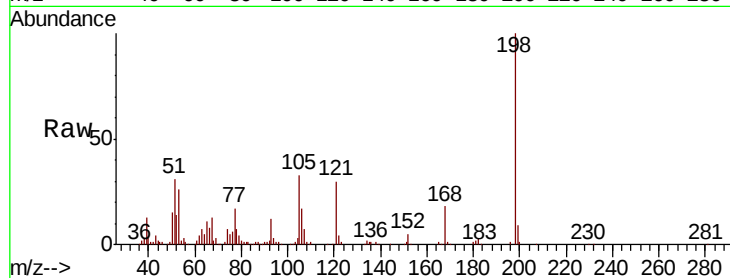
Tot Ion:198 Resp: 136510

Ion Ratio Lower Upper

198 100

51 30.6 22.3 62.3

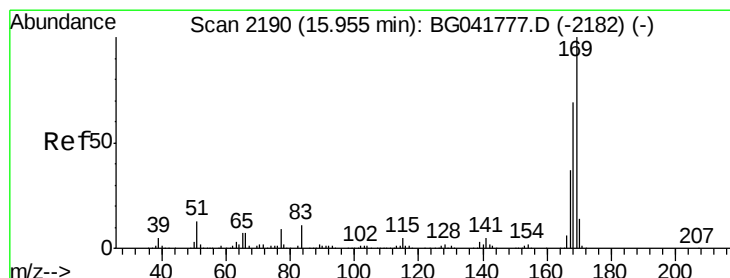
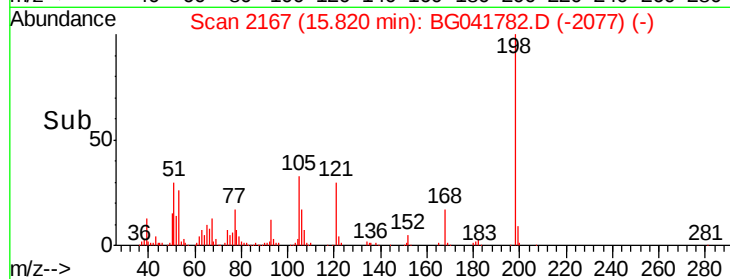
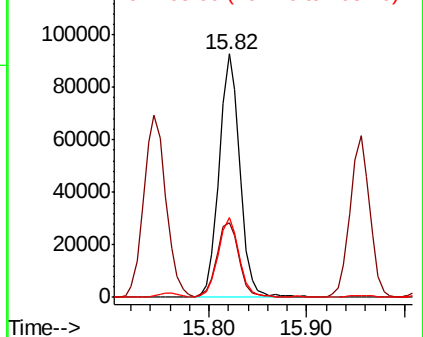
105 32.7 18.0 58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.897 ng

RT: 15.96 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

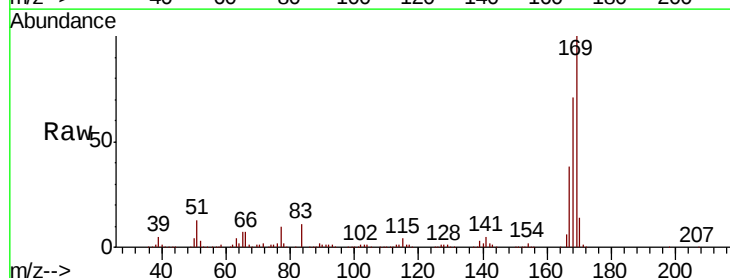
Tgt Ion:169 Resp: 675438

Ion Ratio Lower Upper

169 100

168 71.1 56.9 85.3

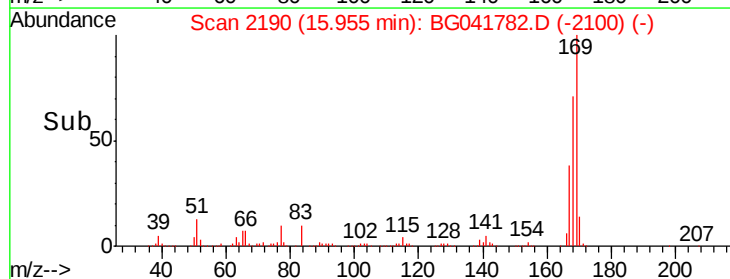
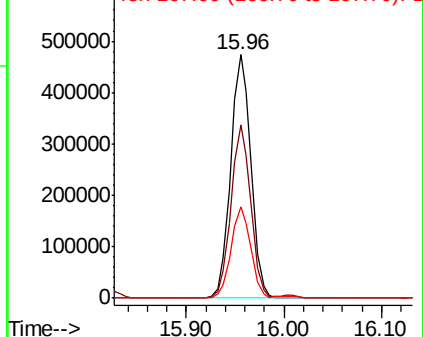
167 37.6 31.5 47.3

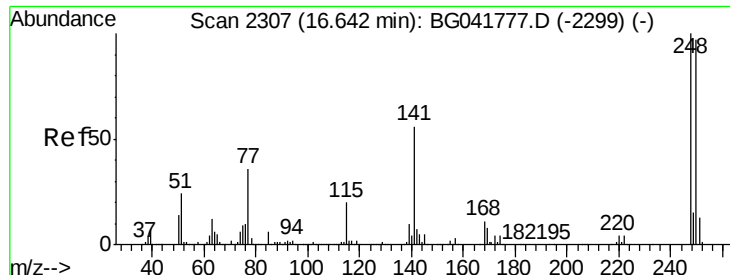


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

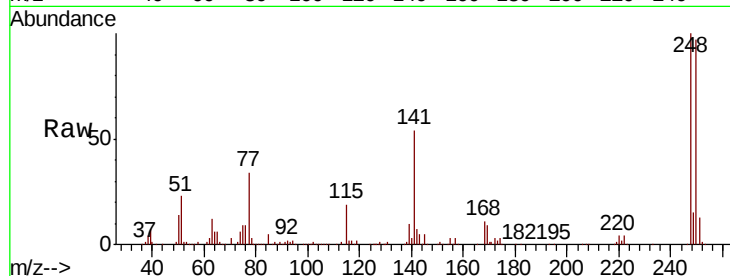




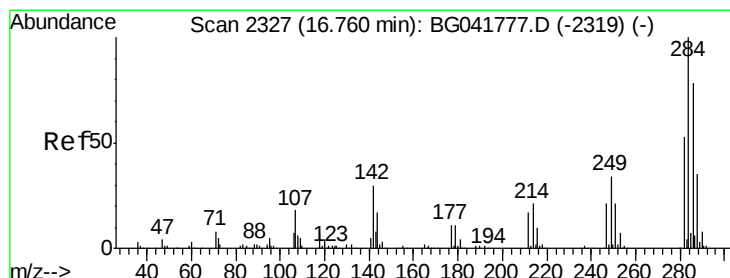
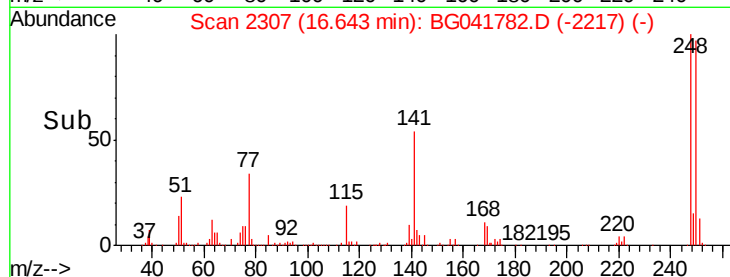
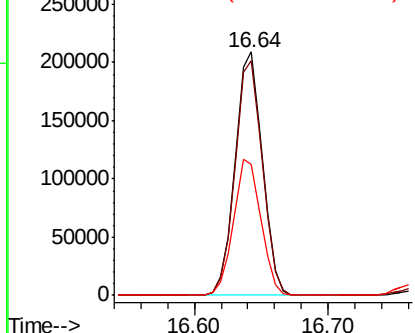
#67
4-Bromophenyl-phenylether
Concen: 40.688 ng
RT: 16.64 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Instrument :
BNA_G
ClientSampleId :
ICVBG072719

Tot Ion:248 Resp: 296628
Ion Ratio Lower Upper
248 100
250 96.6 78.1 117.1
141 53.8 49.6 74.4

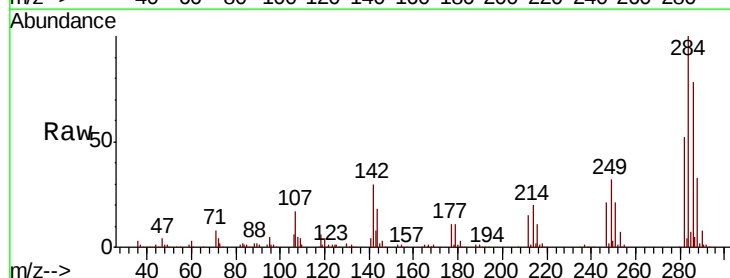


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

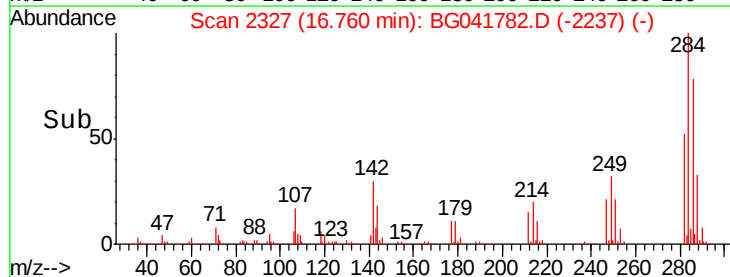
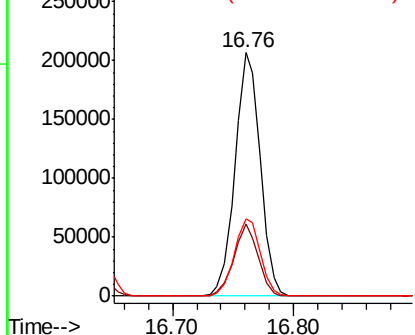


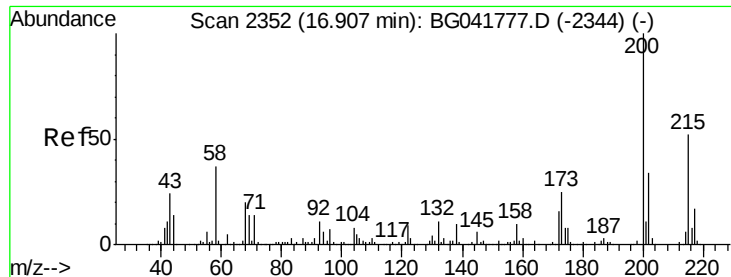
#68
Hexachlorobenzene
Concen: 39.299 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion:284 Resp: 299731
Ion Ratio Lower Upper
284 100
142 29.7 27.0 40.6
249 31.9 28.4 42.6



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





#69

Atrazine

Concen: 38.815 ng

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

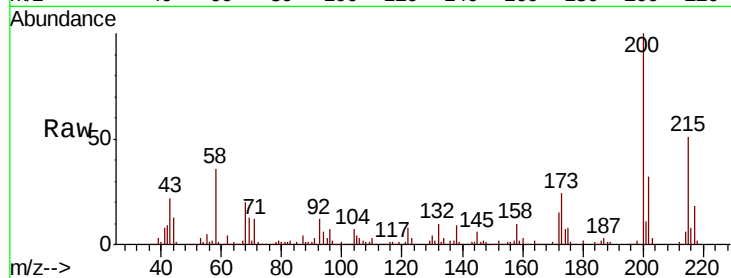
Tot Ion:200 Resp: 245862

Ion Ratio Lower Upper

200 100

173 24.4 5.3 45.3

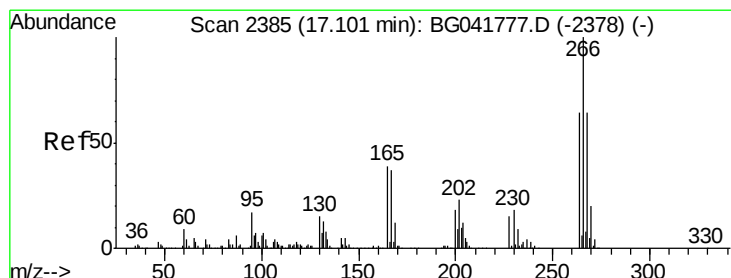
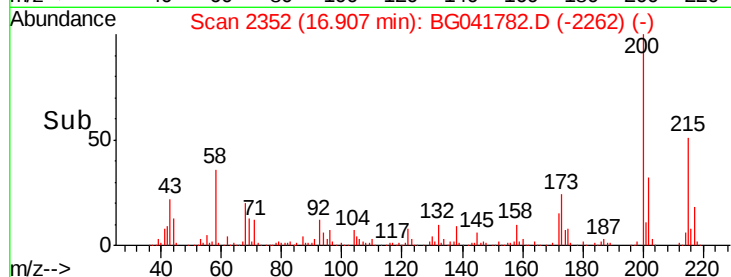
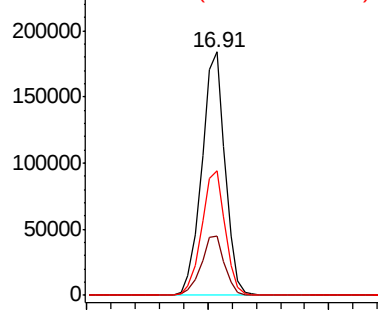
215 51.3 31.8 71.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 44.790 ng

RT: 17.10 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

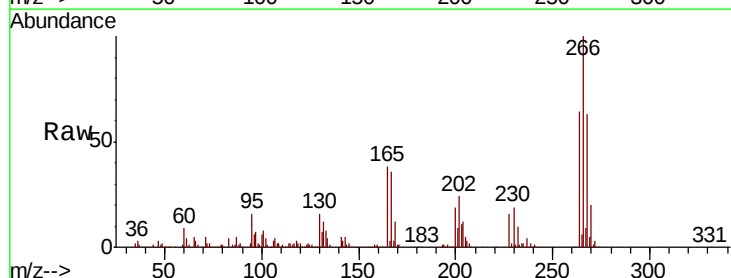
Tgt Ion:266 Resp: 194064

Ion Ratio Lower Upper

266 100

268 63.5 52.9 79.3

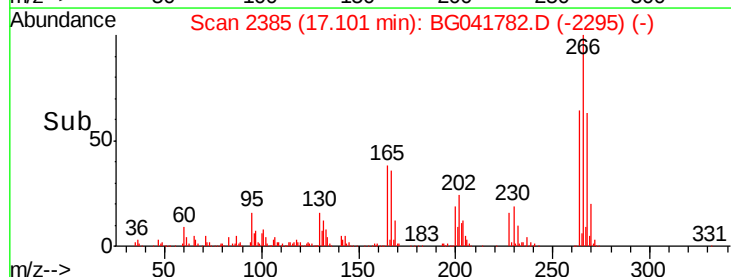
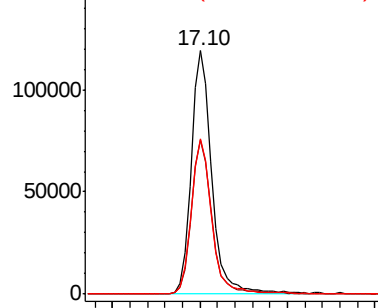
264 63.7 51.4 77.2

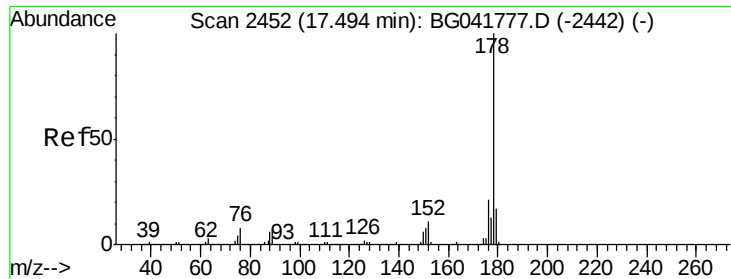


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

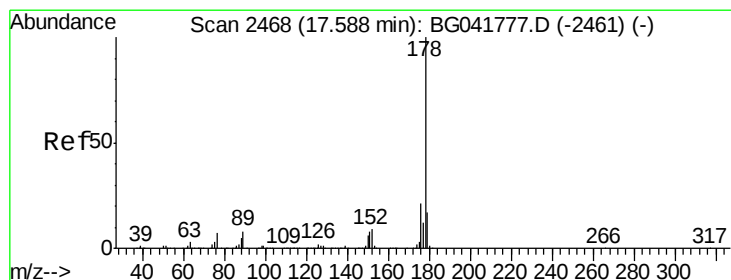
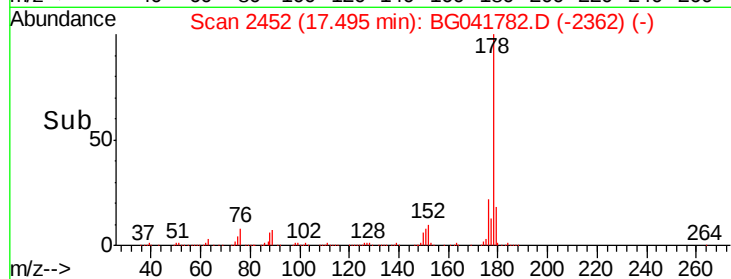
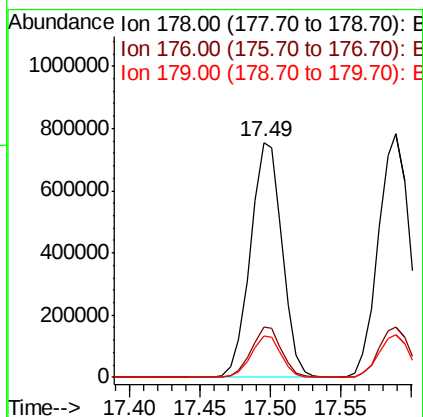
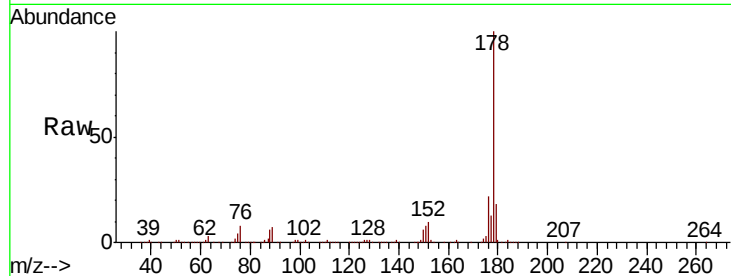




#71
Phenanthrene
Concen: 41.925 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

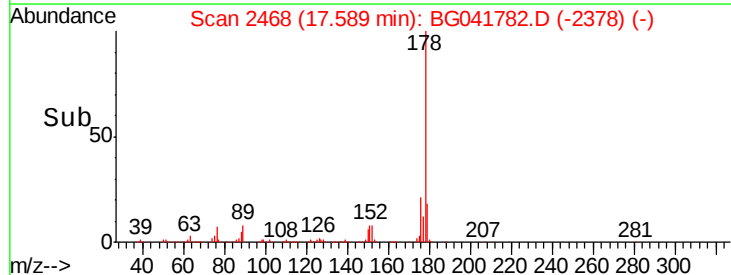
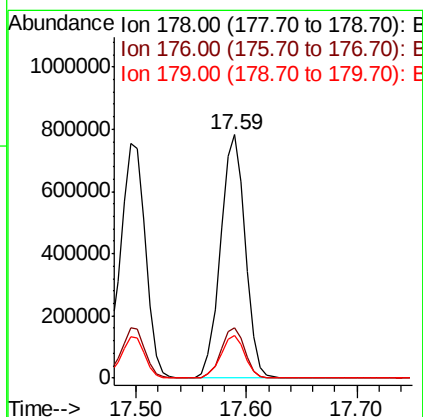
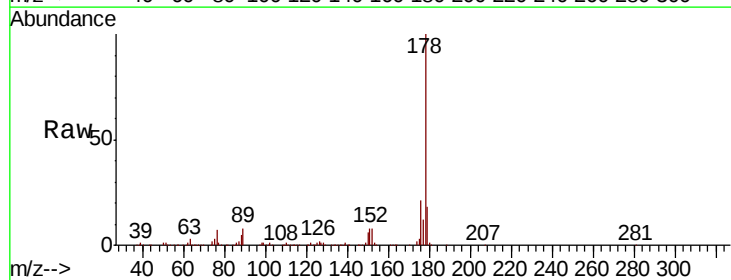
Instrument :
BNA_G
ClientSampleId :
ICVBG072719

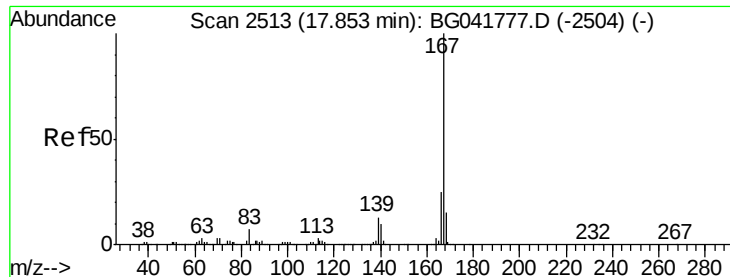
Tot Ion:178 Resp: 1189370
Ion Ratio Lower Upper
178 100
176 21.6 18.6 28.0
179 17.7 15.4 23.0



#72
Anthracene
Concen: 42.952 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion:178 Resp: 1215244
Ion Ratio Lower Upper
178 100
176 20.8 18.6 28.0
179 17.5 15.1 22.7

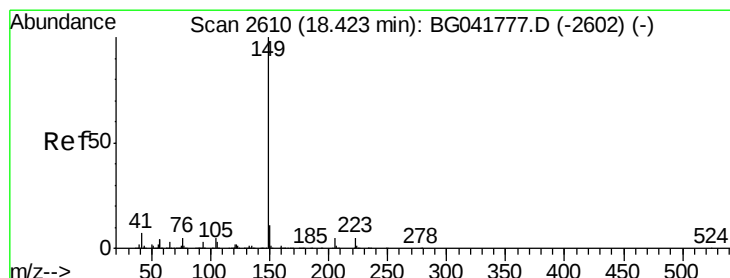
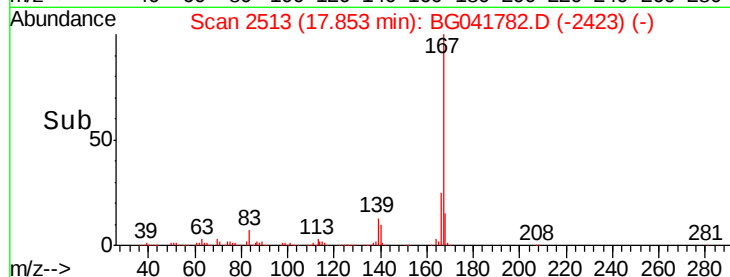
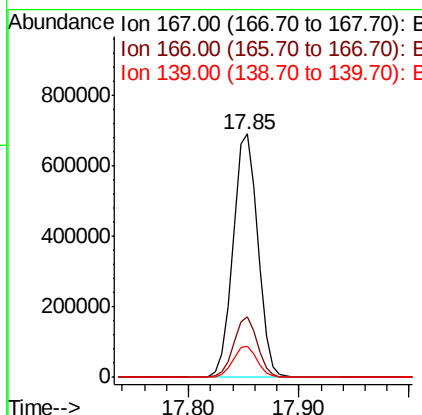
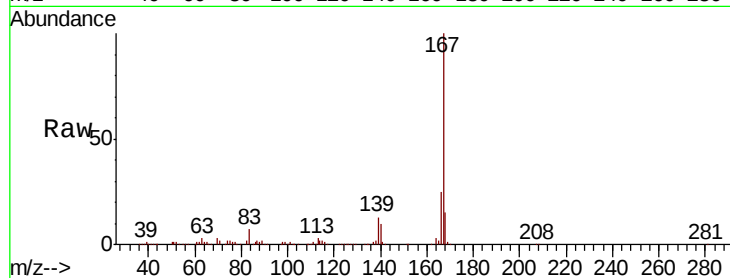




#73
 Carbazole
 Concen: 42.886 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

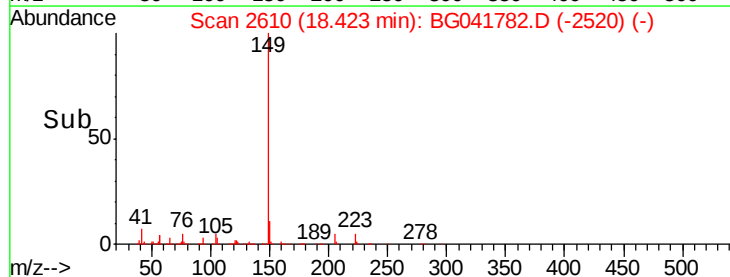
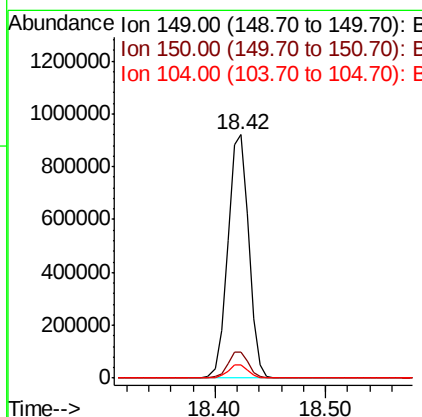
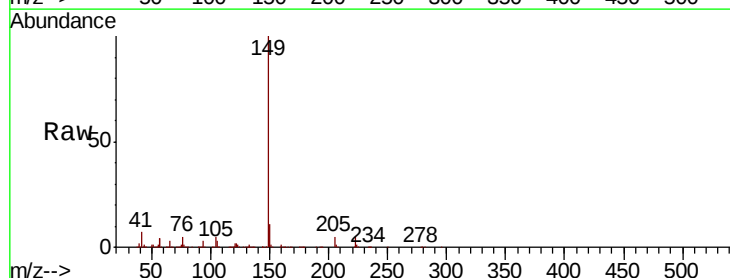
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG072719

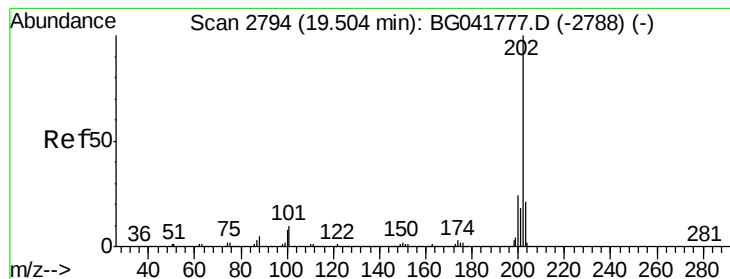
Tot Ion:167 Resp: 1089061
 Ion Ratio Lower Upper
 167 100
 166 24.8 21.4 32.2
 139 13.0 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 42.454 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BG041782.D
 Acq: 27 Jul 2019 18:18

Tgt Ion:149 Resp: 1222228
 Ion Ratio Lower Upper
 149 100
 150 10.9 10.2 15.2
 104 5.2 5.3 7.9#





#75

Fluoranthene

Concen: 43.200 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

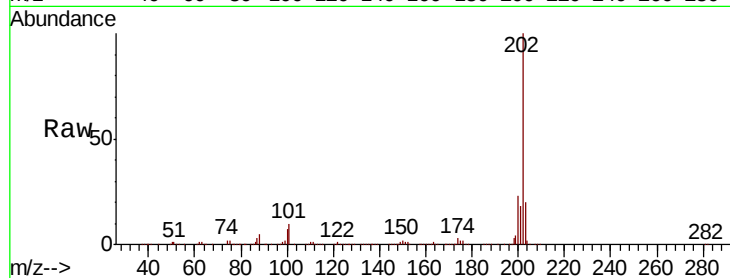
Tot Ion:202 Resp: 1489651

Ion Ratio Lower Upper

202 100

101 9.5 0.0 32.8

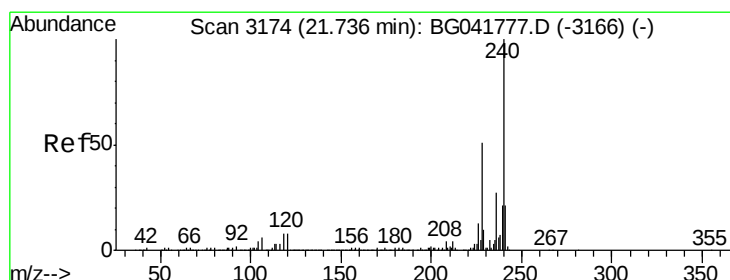
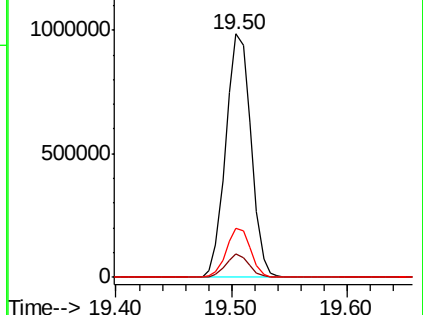
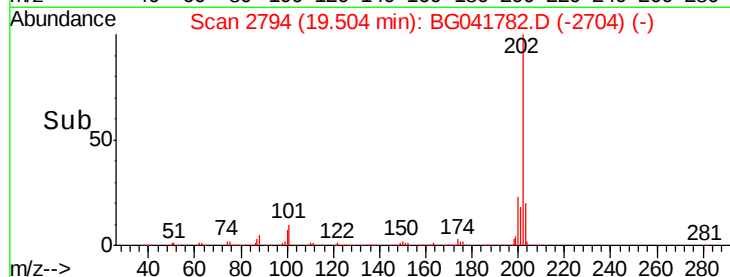
203 20.2 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

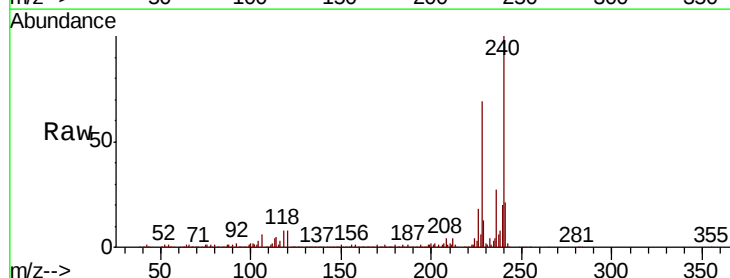
Tgt Ion:240 Resp: 576459

Ion Ratio Lower Upper

240 100

120 7.9 8.0 12.0#

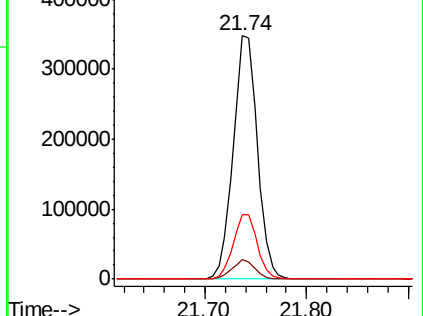
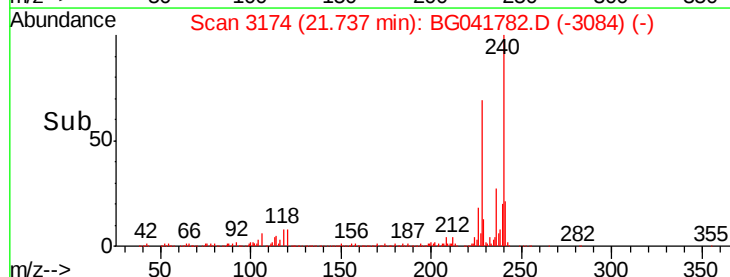
236 26.7 22.6 33.8

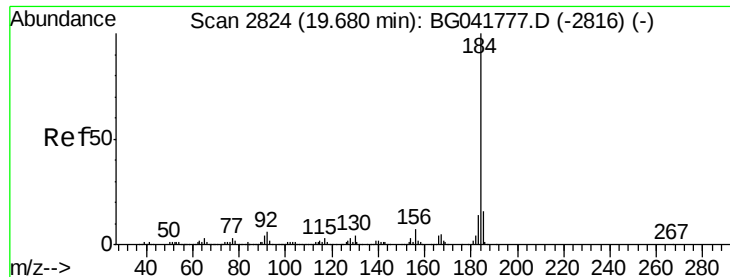


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.889 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

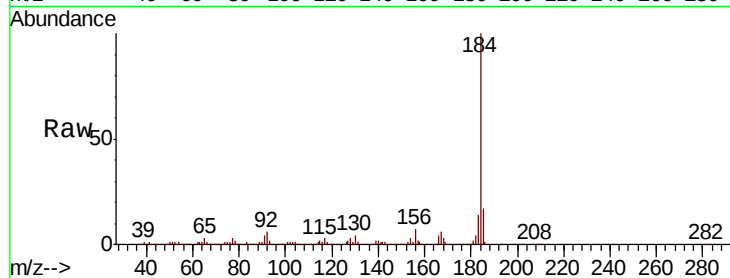
BNA_G

ClientSampleId :

ICVBG072719

Tot Ion:184 Resp: 712900

Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.0	19.4
183	14.0	11.8	17.6

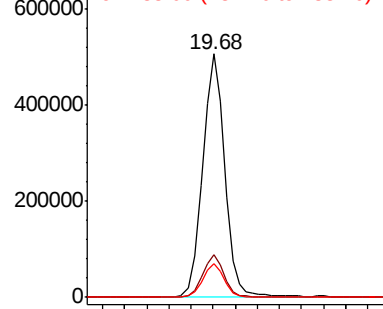


Abundance

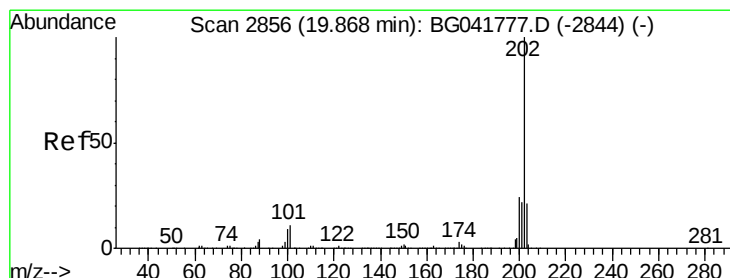
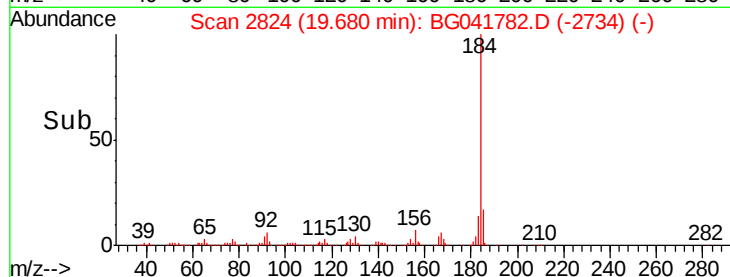
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 43.360 ng

RT: 19.87 min Scan# 2856

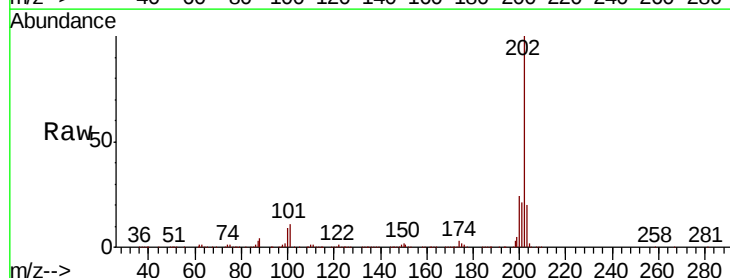
Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Tgt Ion:202 Resp: 1480921

Ion	Ratio	Lower	Upper
202	100		
200	24.1	22.2	33.2
203	20.3	18.9	28.3

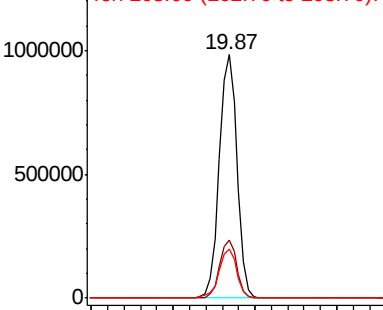


Abundance

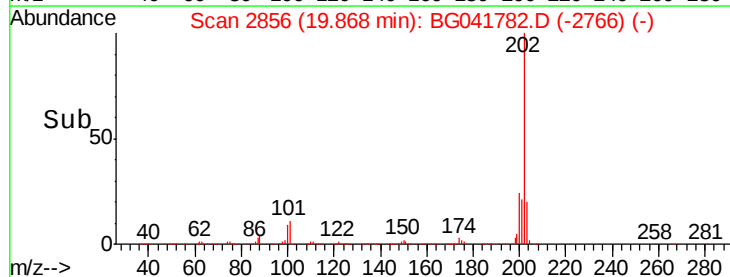
Ion 202.00 (201.70 to 202.70): E

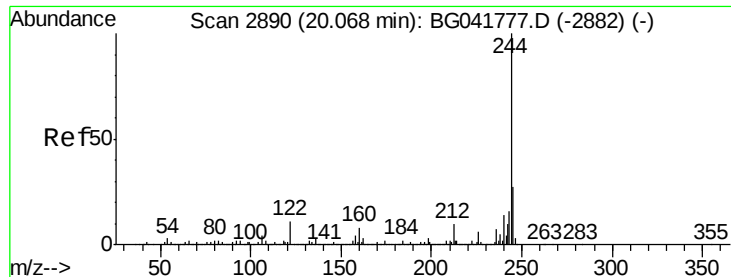
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 80.454 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

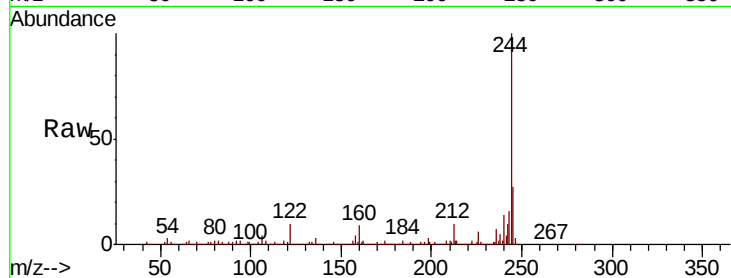
Tot Ion:244 Resp: 2026800

Ion Ratio Lower Upper

244 100

212 9.5 9.7 14.5#

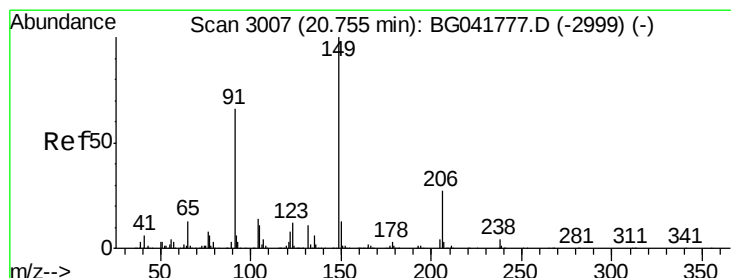
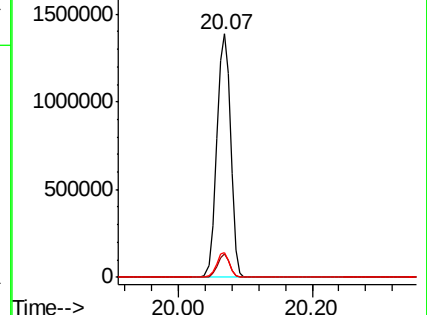
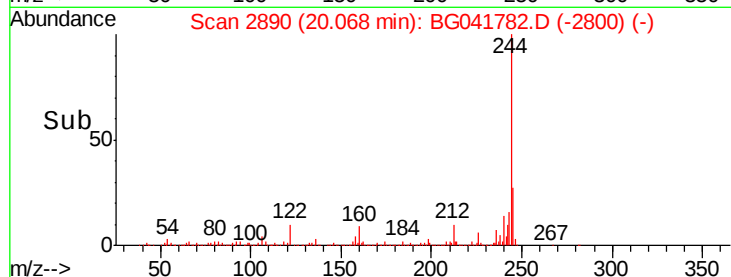
122 10.3 12.5 18.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.508 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

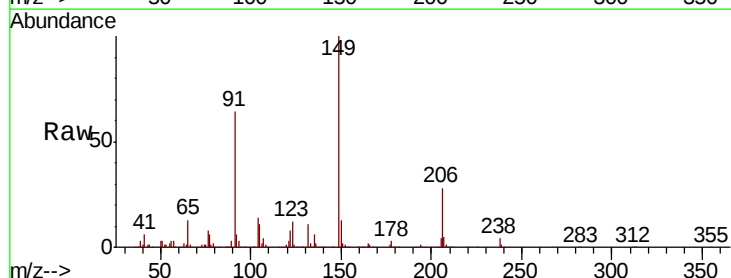
Tgt Ion:149 Resp: 556640

Ion Ratio Lower Upper

149 100

91 64.1 58.9 88.3

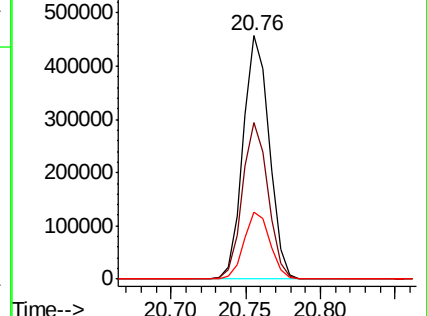
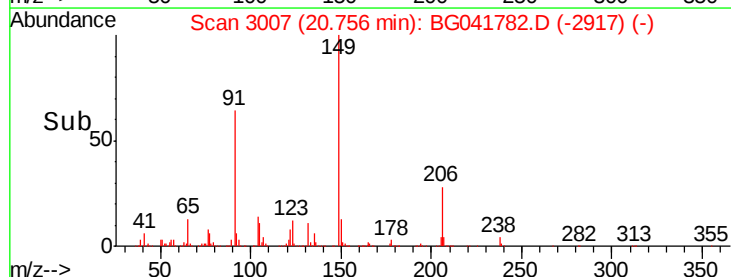
206 27.7 20.8 31.2

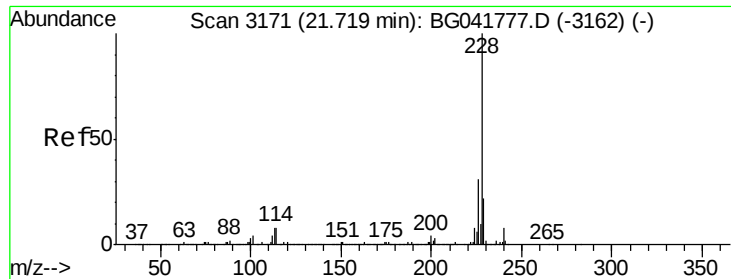


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

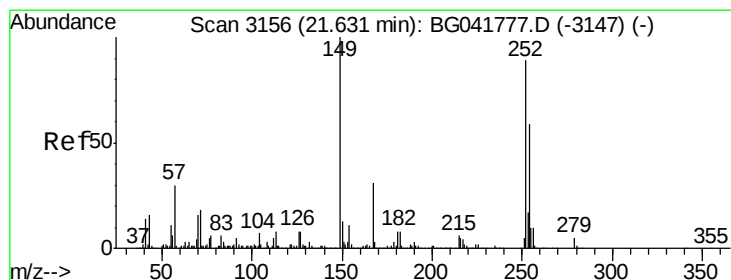
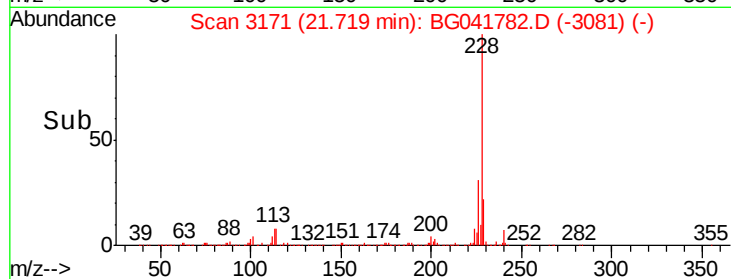
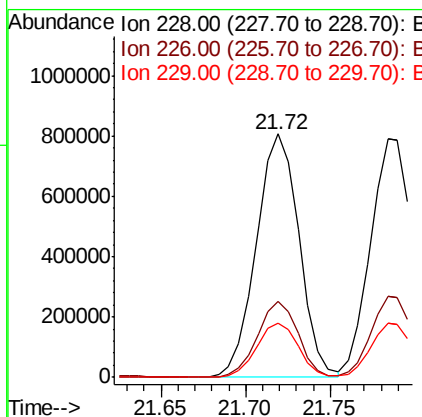
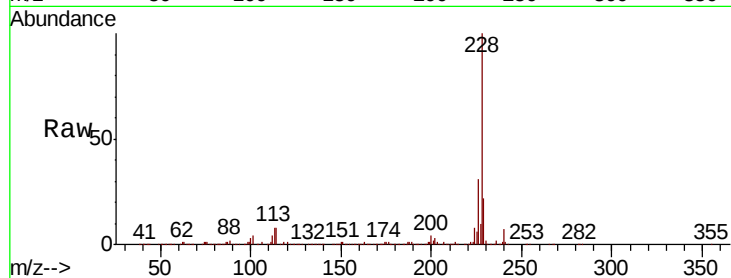




#81
Benzo(a)anthracene
Concen: 41.649 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

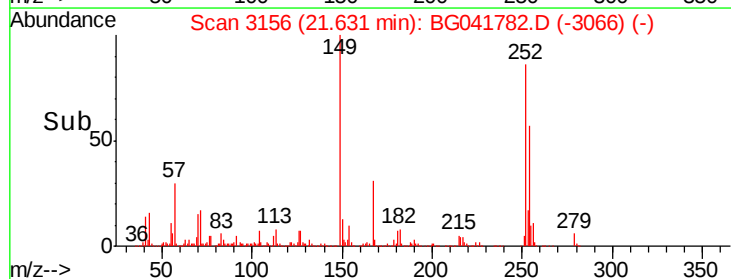
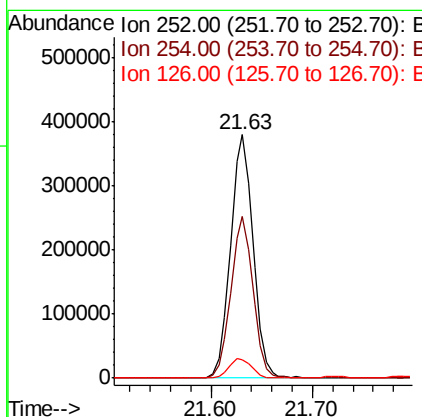
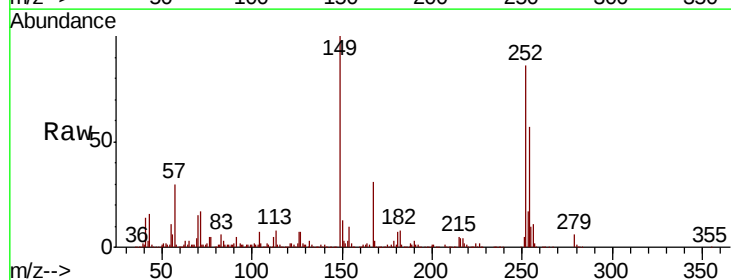
Instrument :
BNA_G
ClientSampleId :
ICVBG072719

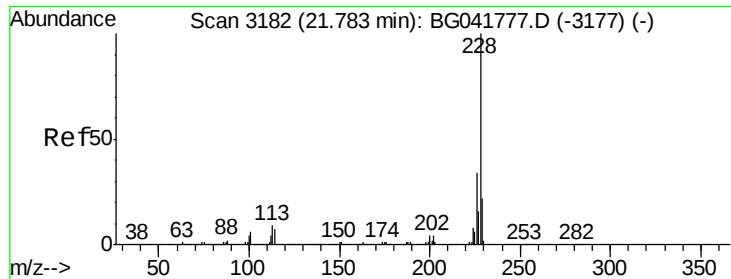
Tot Ion:228 Resp: 1420489
Ion Ratio Lower Upper
228 100
226 31.1 27.3 40.9
229 22.3 19.7 29.5



#82
3,3'-Dichlorobenzidine
Concen: 42.610 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion:252 Resp: 583472
Ion Ratio Lower Upper
252 100
254 66.4 53.8 80.6
126 7.7 7.8 11.8#





#83

Chrysene

Concen: 42.017 ng

RT: 21.78 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

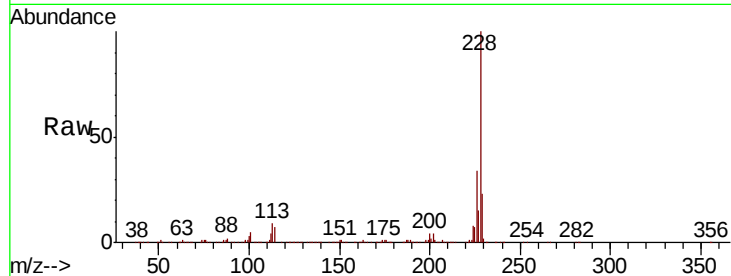
BNA_G

ClientSampleId :

ICVBG072719

Tot Ion:228 Resp: 1373642

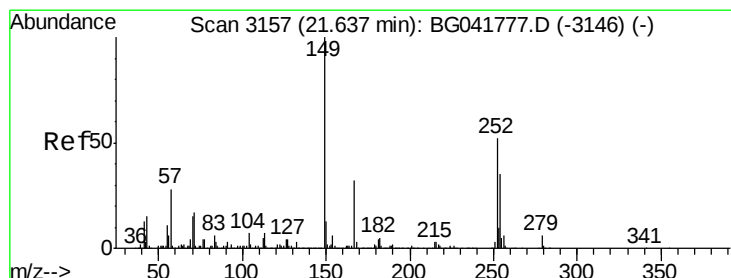
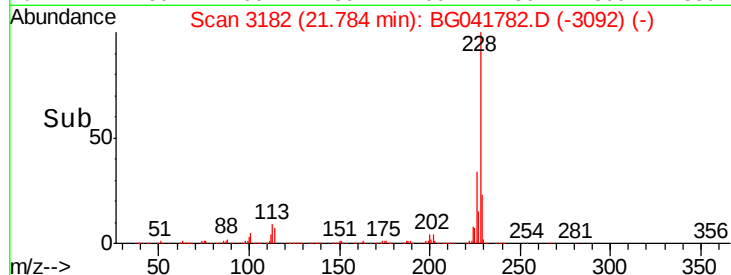
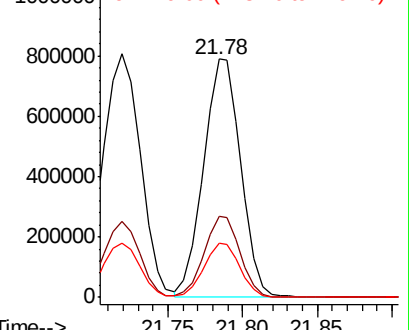
Ion	Ratio	Lower	Upper
228	100		
226	34.0	30.1	45.1
229	22.8	19.8	29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.653 ng

RT: 21.64 min Scan# 3157

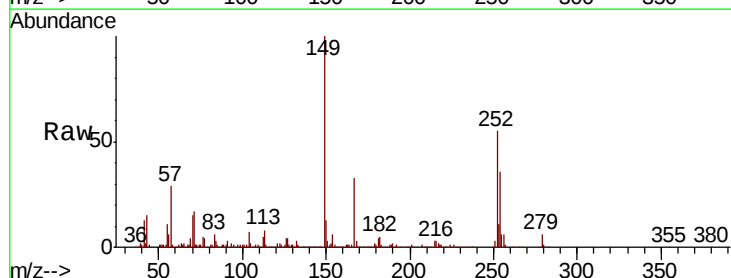
Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Tgt Ion:149 Resp: 770455

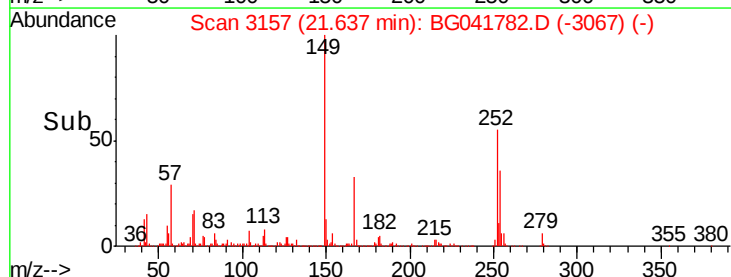
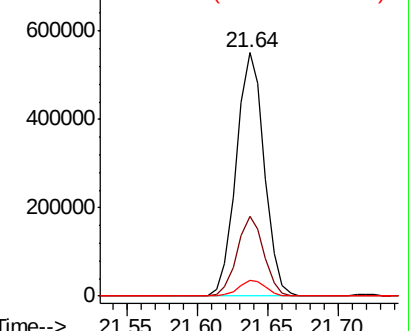
Ion	Ratio	Lower	Upper
149	100		
167	32.7	27.0	40.4
279	6.5	5.0	7.6

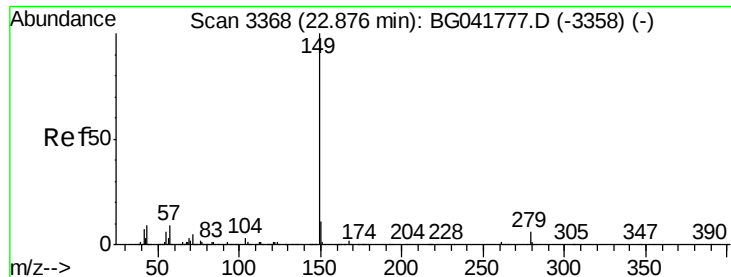


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.065 ng

RT: 22.88 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

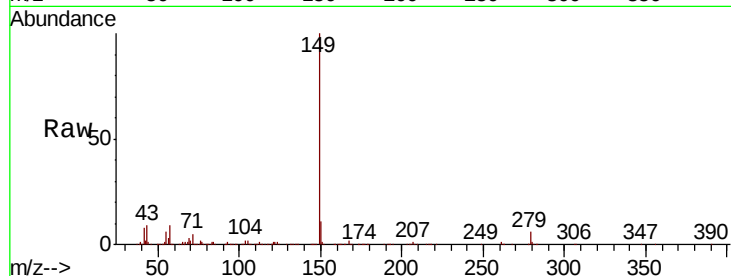
Tot Ion:149 Resp: 1339557

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

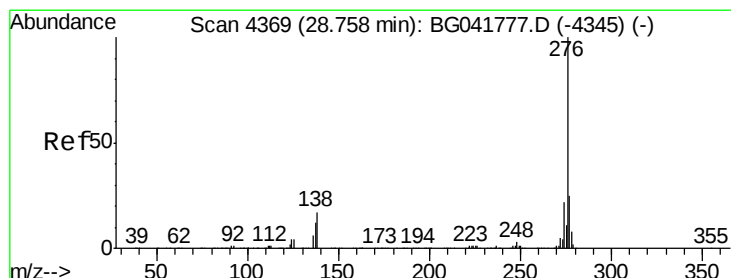
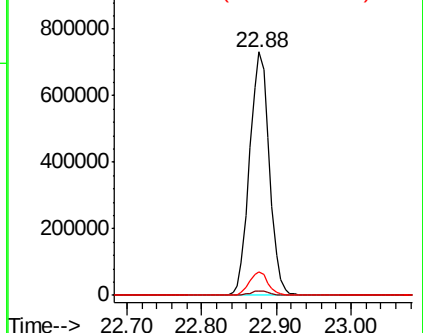
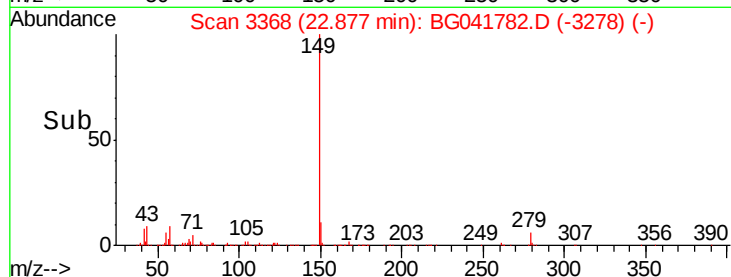
43 9.2 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.674 ng

RT: 28.76 min Scan# 4369

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

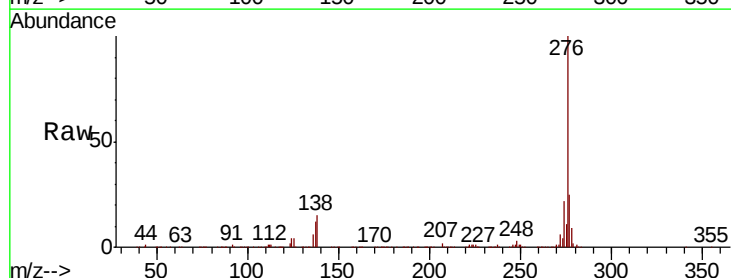
Tgt Ion:276 Resp: 1803572

Ion Ratio Lower Upper

276 100

138 12.5 19.4 29.0#

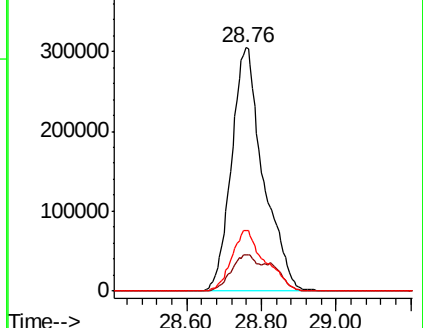
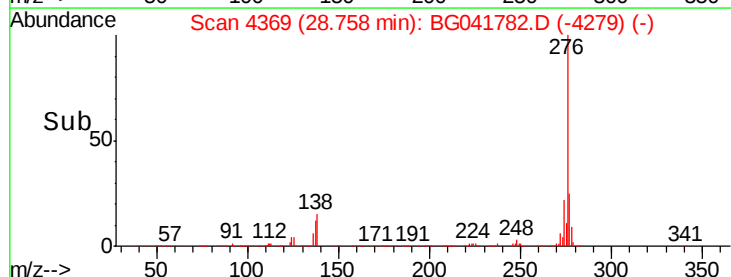
277 26.2 21.2 31.8

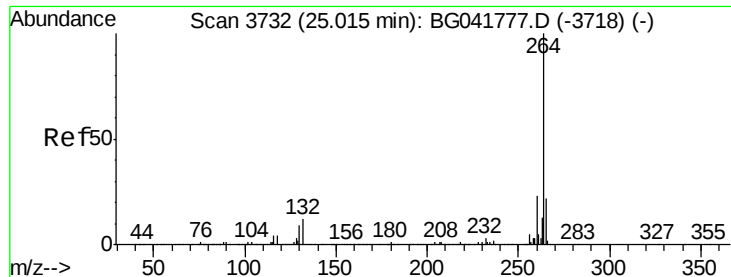


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

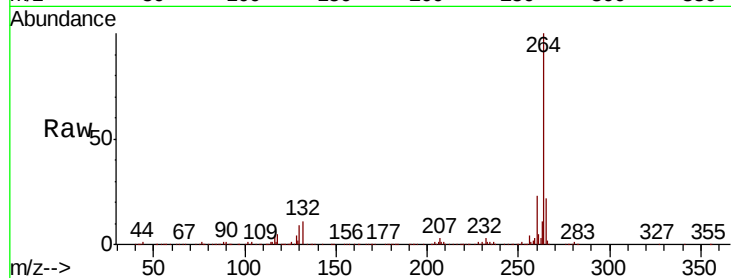
BNA_G

ClientSampleId :

ICVBG072719

Tot Ion:264 Resp: 682190

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.1	18.0	27.0

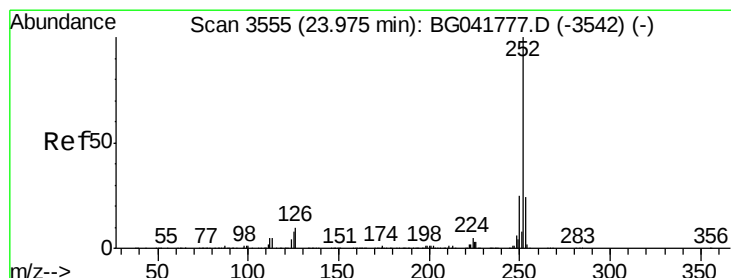
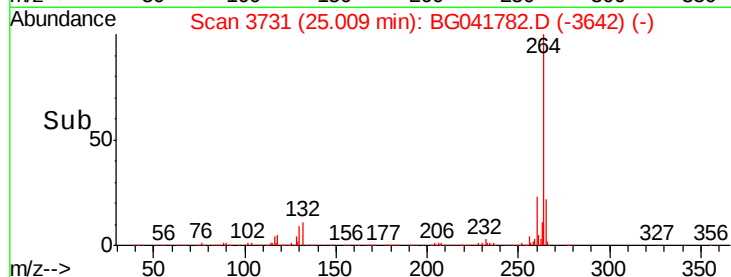
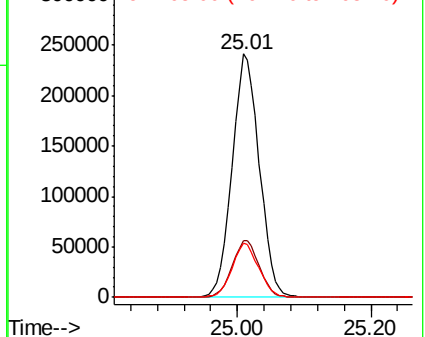


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.924 ng

RT: 23.98 min Scan# 3555

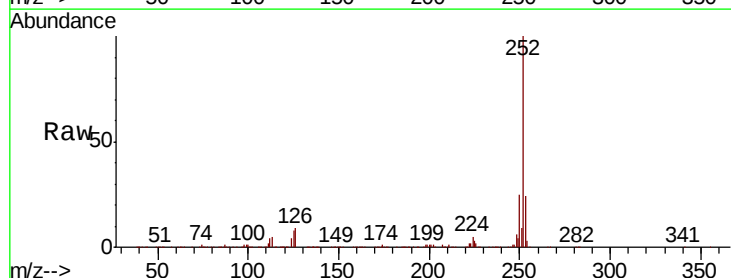
Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Tgt Ion:252 Resp: 1564552

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.6	30.8
125	7.9	8.0	12.0#

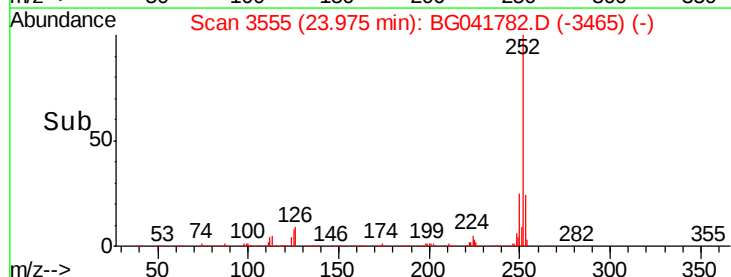
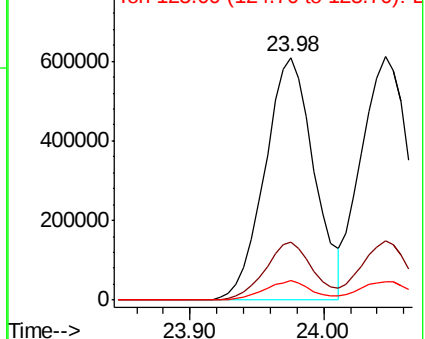


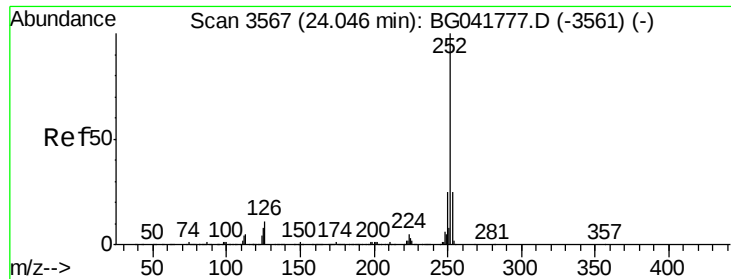
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.663 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

Instrument :

BNA_G

ClientSampleId :

ICVBG072719

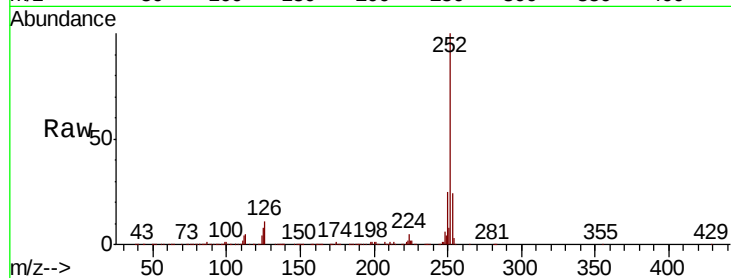
Tot Ion:252 Resp: 1514536

Ion Ratio Lower Upper

252 100

253 24.1 20.5 30.7

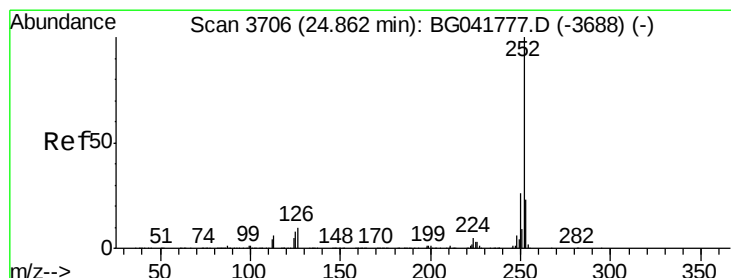
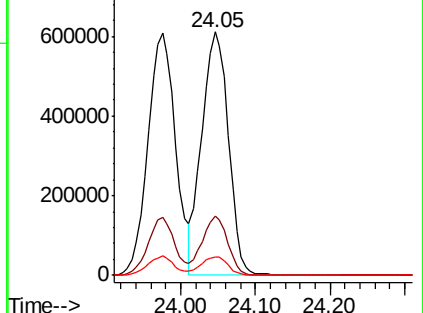
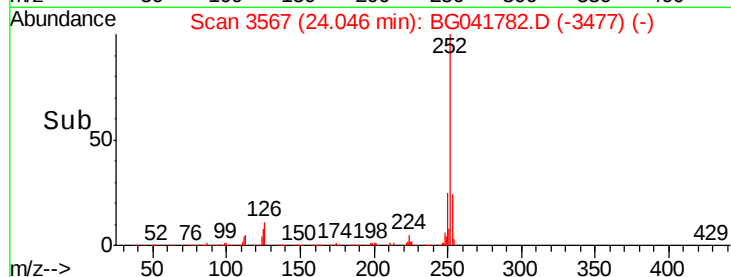
125 7.7 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.981 ng

RT: 24.86 min Scan# 3706

Delta R.T. 0.00 min

Lab File: BG041782.D

Acq: 27 Jul 2019 18:18

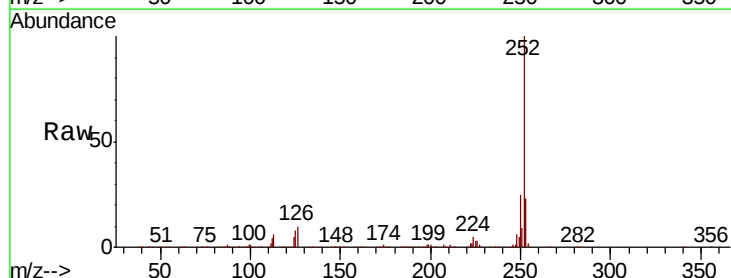
Tgt Ion:252 Resp: 1538353

Ion Ratio Lower Upper

252 100

253 22.7 19.8 29.8

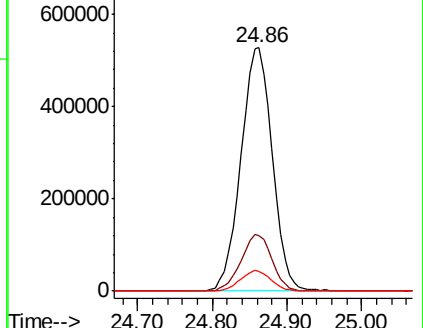
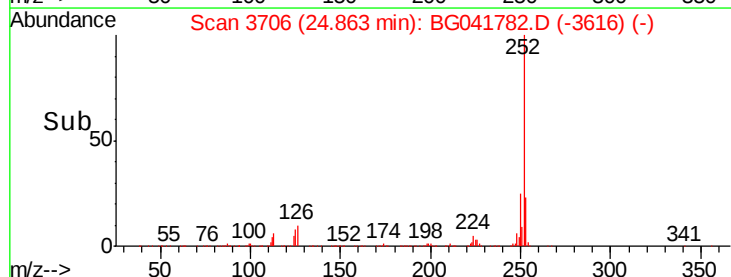
125 8.0 8.8 13.2#

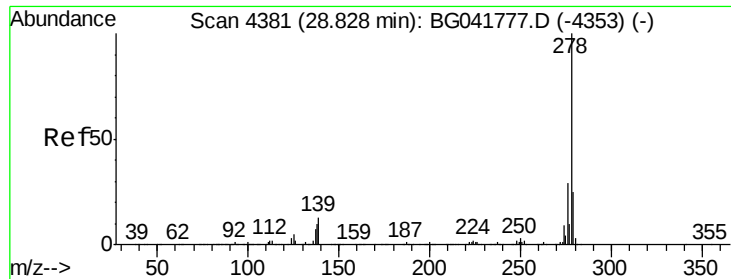


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



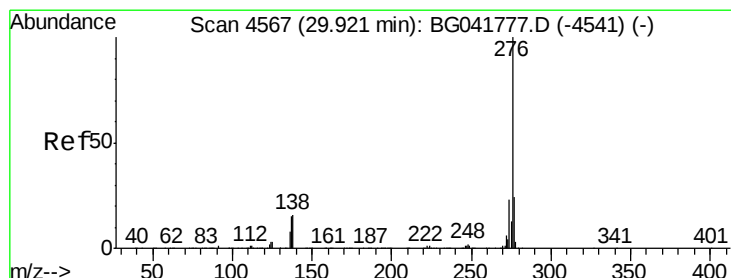
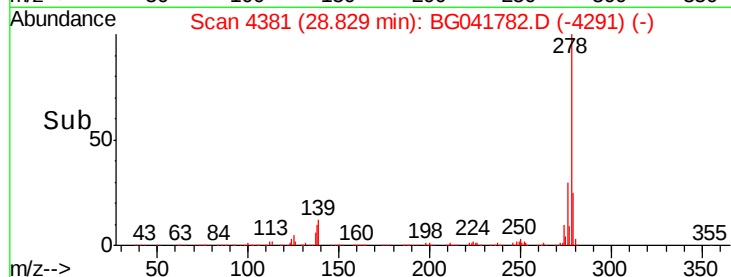
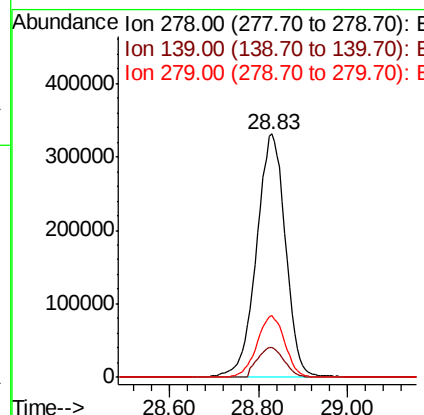
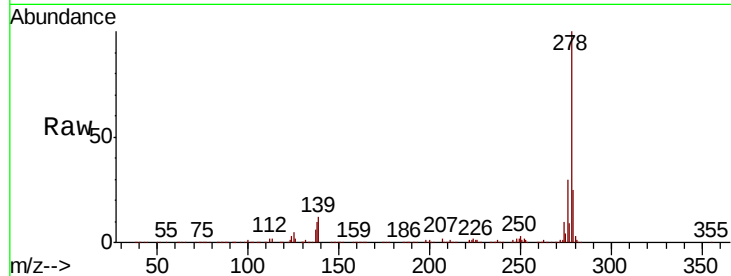


#91
Dibenzo(a,h)anthracene
Concen: 42.098 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.00 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Instrument :
BNA_G
ClientSampleId :
ICVBG072719

Tot Ion:278 Resp: 1479493

Ion	Ratio	Lower	Upper
278	100		
139	12.4	12.6	19.0#
279	25.3	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 42.325 ng
RT: 29.93 min Scan# 4568
Delta R.T. 0.01 min
Lab File: BG041782.D
Acq: 27 Jul 2019 18:18

Tgt Ion:276 Resp: 1486100

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.8	29.8
138	15.8	16.6	25.0#

