

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072919\
 Data File : BG041785.D
 Acq On : 29 Jul 2019 11:03
 Operator : HP/JU
 Sample : PB121703BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Quant Time: Jul 30 01:04:33 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	100884	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	402836	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	295946	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	658261	20.00	ng	0.00
76) Chrysene-d12	21.74	240	637210	20.00	ng	0.00
87) Perylene-d12	25.02	264	749994	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	656957	126.70	ng	0.00
7) Phenol-d6	7.20	99	903158	129.20	ng	0.00
23) Nitrobenzene-d5	9.22	82	513175	87.67	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	451584	134.34	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1403730	83.66	ng	0.00
79) Terphenyl-d14	20.07	244	2225230	79.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	68088	27.899	ng	95
3) Pyridine	3.87	79	192082	28.701	ng	91
4) n-Nitrosodimethylamine	3.78	42	95019	35.815	ng	94
6) Aniline	7.37	93	289289	29.390	ng	95
8) 2-Chlorophenol	7.61	128	249231	41.976	ng	94
9) Benzaldehyde	7.18	77	38800	7.888	ng	88
10) Phenol	7.23	94	307343	42.261	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	219763	36.757	ng	93
12) 1,3-Dichlorobenzene	7.94	146	274138	35.376	ng	97
13) 1,4-Dichlorobenzene	8.09	146	276207	35.621	ng	98
14) 1,2-Dichlorobenzene	8.41	146	266220	35.981	ng	96
15) Benzyl Alcohol	8.29	79	218078	39.654	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	381545	35.870	ng	96
17) 2-Methylphenol	8.49	107	221853	41.946	ng	99
18) Hexachloroethane	9.15	117	96082	36.184	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	189081	37.256	ng	92
20) 3+4-Methylphenols	8.82	107	300009	41.451	ng	98
22) Acetophenone	8.88	105	362883	40.273	ng	# 93
24) Nitrobenzene	9.26	77	265101	42.987	ng	98
25) Isophorone	9.79	82	513948	40.360	ng	99
26) 2-Nitrophenol	9.97	139	135977	47.508	ng	95
27) 2,4-Dimethylphenol	10.03	122	249037	49.299	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	311766	39.178	ng	99
29) 2,4-Dichlorophenol	10.51	162	280663	45.624	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	301585	38.660	ng	97
31) Naphthalene	10.93	128	745387	40.430	ng	98
32) Benzoic acid	10.17	122	143064	41.163	ng	97
33) 4-Chloroaniline	11.03	127	197197	22.554	ng	95
34) Hexachlorobutadiene	11.22	225	196572	37.336	ng	97
35) Caprolactam	11.79	113	42841	20.039	ng	# 79
36) 4-Chloro-3-methylphenol	12.15	107	280808	46.043	ng	94
37) 2-Methylnaphthalene	12.54	142	607739	41.645	ng	99
38) 1-Methylnaphthalene	12.75	142	578066	41.799	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	373110	39.828	ng	99

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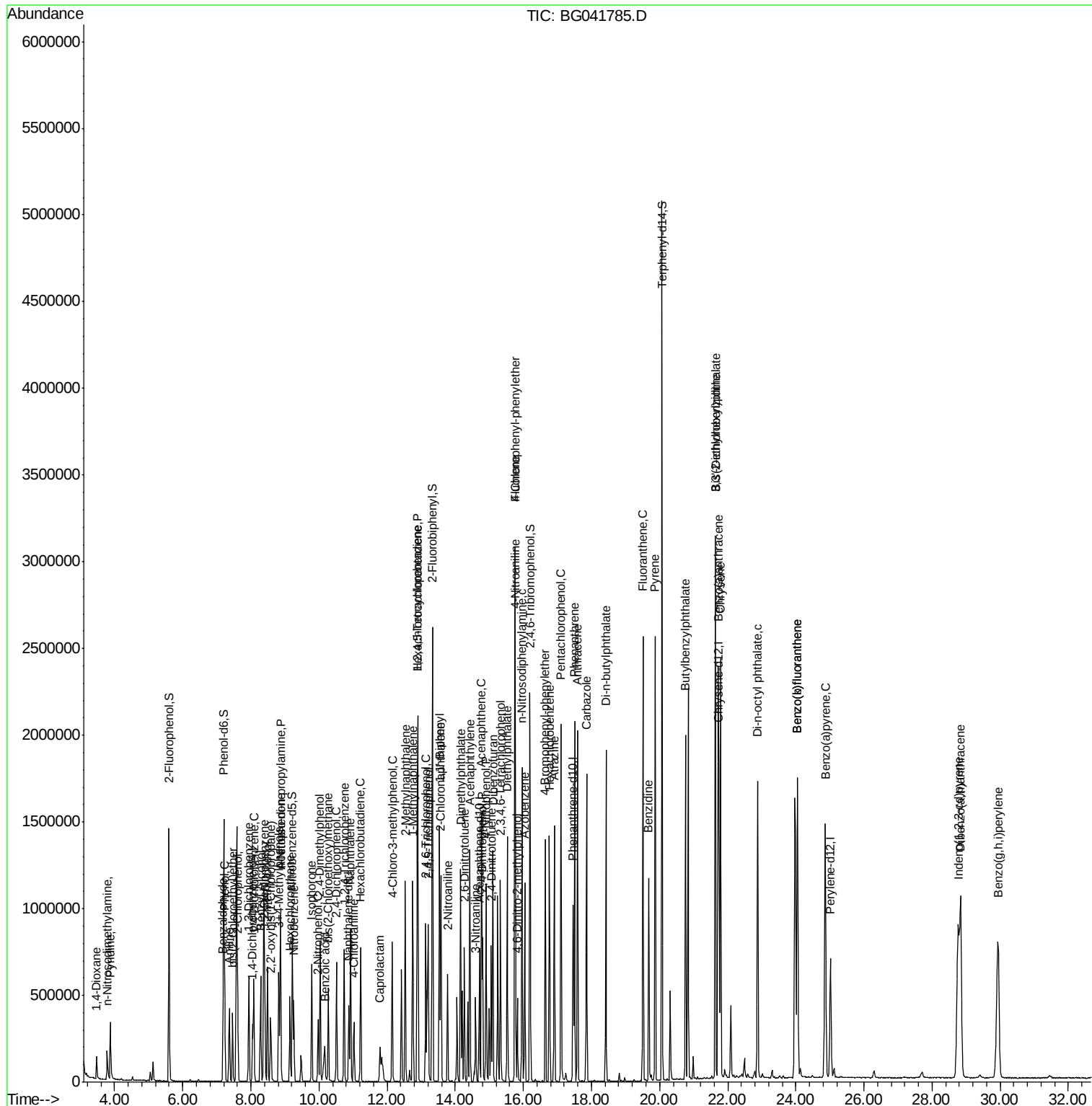
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41) Hexachlorocyclopentadiene	12.89	237	475418	90.265	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	253451	42.806	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	276645	44.961	ng	95
46) 1,1'-Biphenyl	13.54	154	785147	41.271	ng	97
47) 2-Chloronaphthalene	13.58	162	629460	38.862	ng	97
48) 2-Nitroaniline	13.78	65	178082	43.351	ng	91
49) Acenaphthylene	14.43	152	1002636	41.383	ng	98
50) Dimethylphthalate	14.16	163	842836	41.700	ng	99
51) 2,6-Dinitrotoluene	14.27	165	197066	46.628	ng	90
52) Acenaphthene	14.77	154	701686	44.529	ng	99
53) 3-Nitroaniline	14.60	138	136659	30.225	ng	# 87
54) 2,4-Dinitrophenol	14.80	184	217868	83.566	ng	89
55) Dibenzofuran	15.10	168	992914	41.195	ng	96
56) 4-Nitrophenol	14.90	139	330459	96.286	ng	96
57) 2,4-Dinitrotoluene	15.06	165	273878	47.122	ng	94
58) Fluorene	15.76	166	803811	41.557	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	282144	46.299	ng	94
60) Diethylphthalate	15.53	149	842631	42.464	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	480204	40.666	ng	95
62) 4-Nitroaniline	15.77	138	201383	41.121	ng	97
63) Azobenzene	16.04	77	666953	41.145	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	148022	46.238	ng	86
66) n-Nitrosodiphenylamine	15.96	169	760095	42.391	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	327794	40.426	ng	97
68) Hexachlorobenzene	16.77	284	330312	38.939	ng	94
69) Atrazine	16.91	200	304038	43.156	ng	100
70) Pentachlorophenol	17.11	266	442762	91.879	ng	97
71) Phenanthrene	17.50	178	1324448	41.976	ng	97
72) Anthracene	17.59	178	1371703	43.590	ng	96
73) Carbazole	17.85	167	1220844	43.225	ng	96
74) Di-n-butylphthalate	18.42	149	1394075	43.538	ng	97
75) Fluoranthene	19.51	202	1651652	43.065	ng	94
77) Benzidine	19.68	184	708354	34.058	ng	98
78) Pyrene	19.87	202	1637379	43.370	ng	95
80) Butylbenzylphthalate	20.76	149	647519	44.734	ng	90
81) Benzo(a)anthracene	21.72	228	1571503	41.684	ng	96
82) 3,3'-Dichlorobenzidine	21.63	252	464156	30.665	ng	97
83) Chrysene	21.79	228	1556402	43.068	ng	96
84) Bis(2-ethylhexyl)phthalate	21.64	149	893192	44.734	ng	97
85) Di-n-octyl phthalate	22.88	149	1528755	45.495	ng	# 91
86) Indeno(1,2,3-cd)pyrene	28.76	276	2048795	42.827	ng	# 89
88) Benzo(b)fluoranthene	24.05	252	1723413	42.006	ng	98
89) Benzo(k)fluoranthene	24.05	252	1723413	43.123	ng	# 98
90) Benzo(a)pyrene	24.86	252	1735007	44.093	ng	# 96
91) Dibenzo(a,h)anthracene	28.84	278	1683203	43.565	ng	# 96
92) Benzo(g,h,i)perylene	29.93	276	1711492	44.338	ng	96

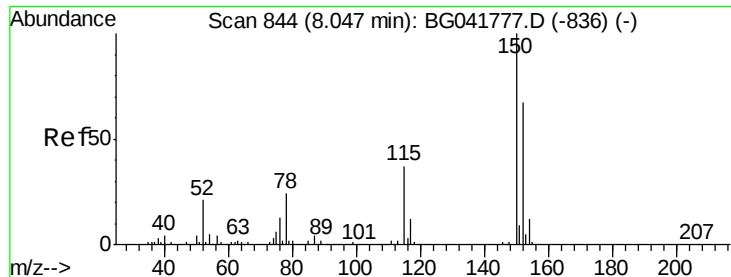
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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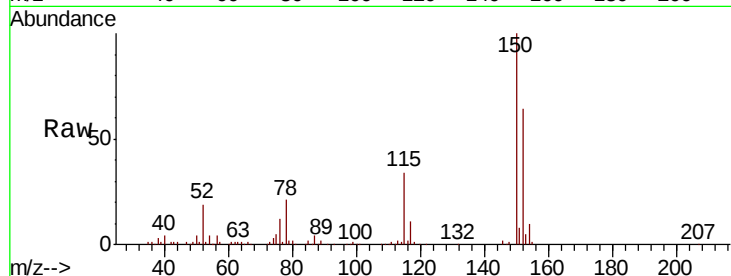


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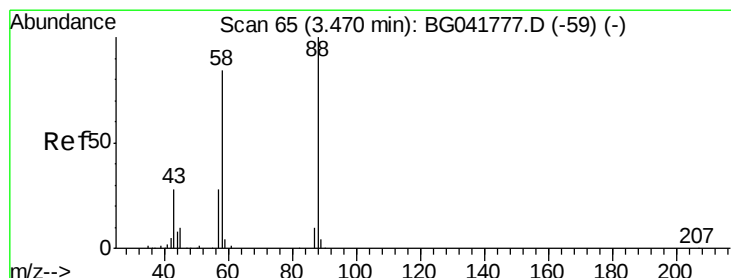
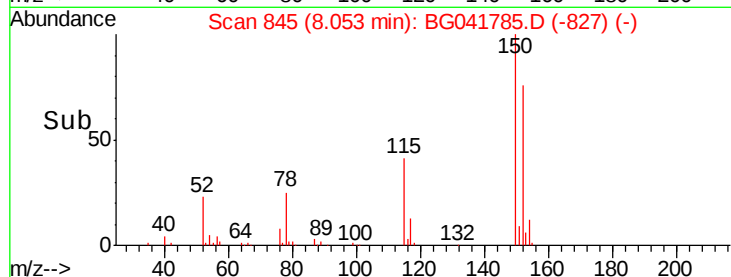
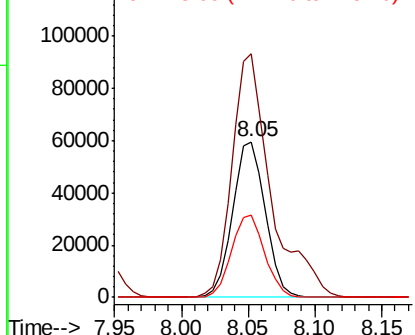
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tgt Ion:152 Resp: 100884
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 53.4 45.0 67.6



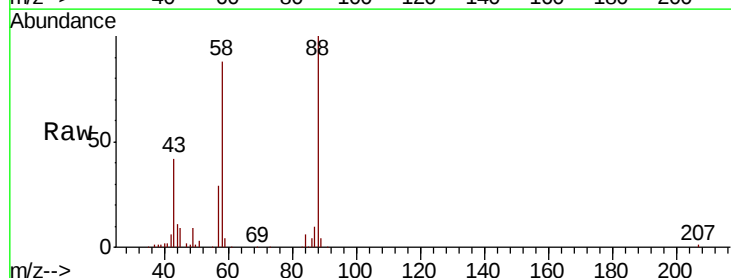
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



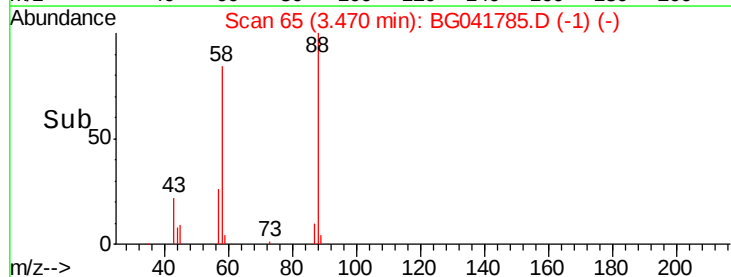
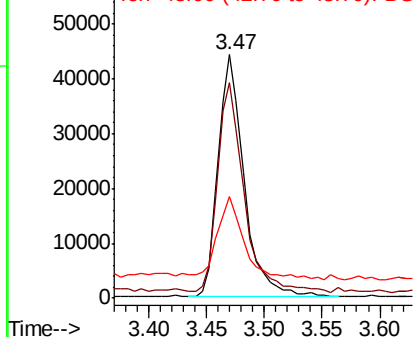
#2

1,4-Dioxane
Concen: 27.899 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion: 88 Resp: 68088
Ion Ratio Lower Upper
88 100
58 89.1 76.2 114.2
43 35.5 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

Pyridine

Concen: 28.701 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

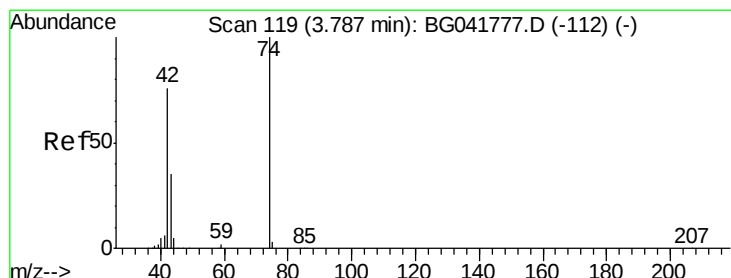
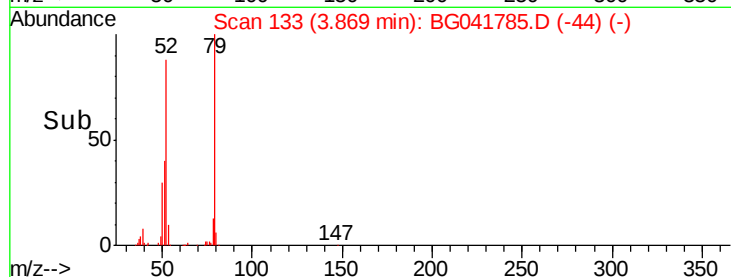
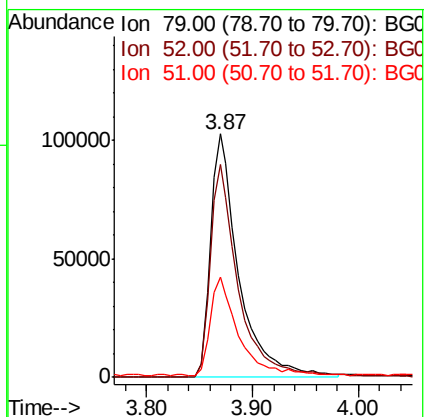
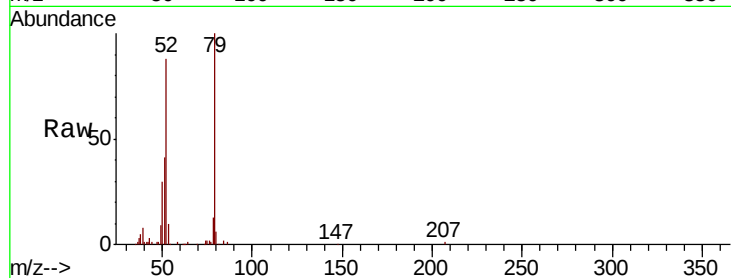
Tgt Ion: 79 Resp: 192082

Ion Ratio Lower Upper

79 100

52 87.7 77.1 115.7

51 41.0 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 35.815 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

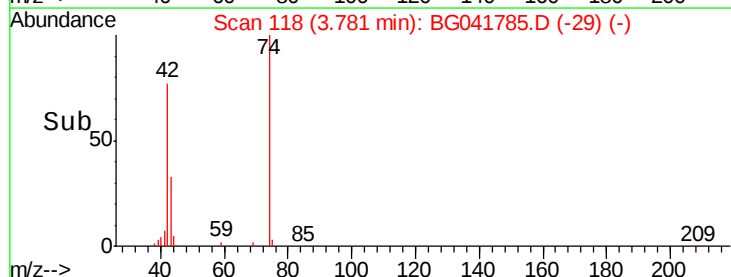
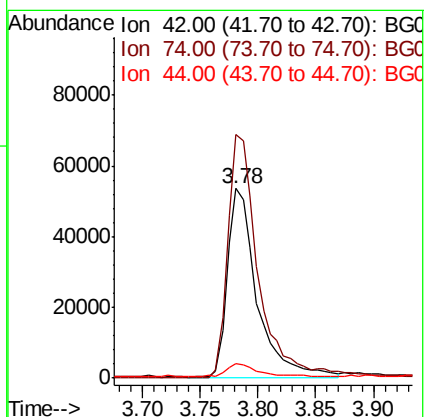
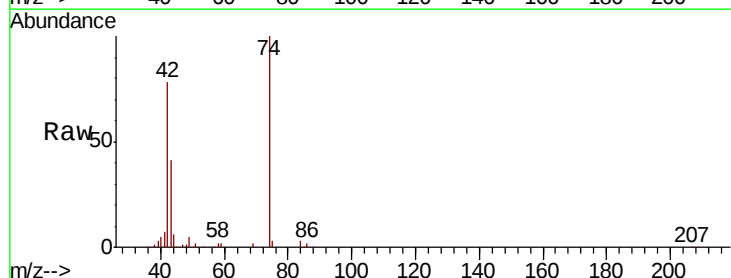
Tgt Ion: 42 Resp: 95019

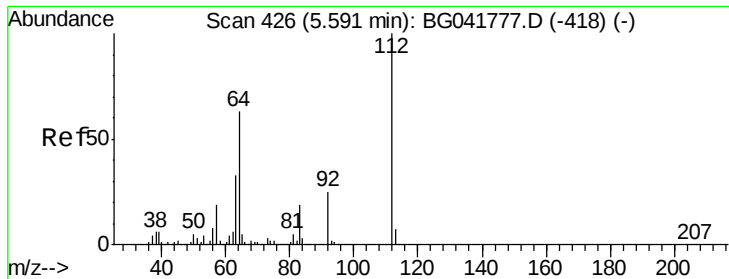
Ion Ratio Lower Upper

42 100

74 128.7 97.4 146.2

44 7.9 6.6 9.8





#5

2-Fluorophenol

Concen: 126.699 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

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ClientSampleId :

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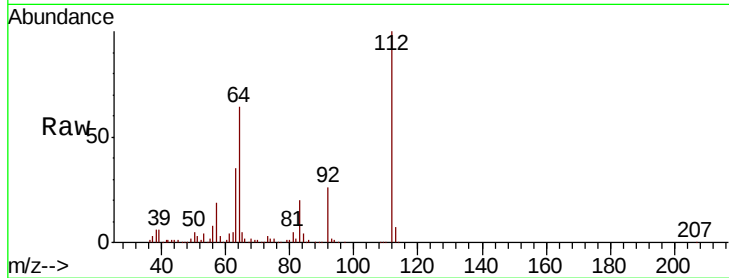
Tgt Ion: 112 Resp: 656957

Ion Ratio Lower Upper

112 100

64 64.1 55.4 83.2

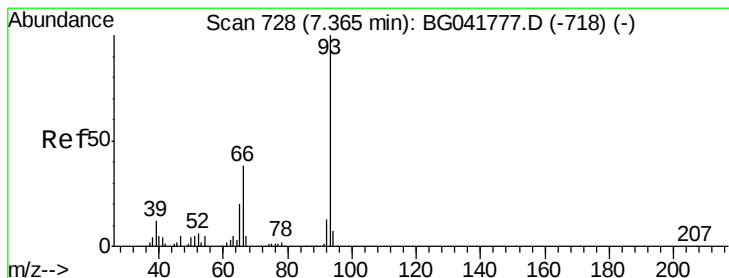
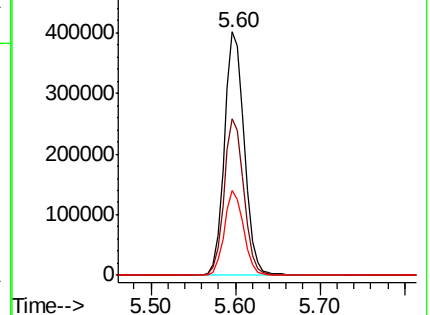
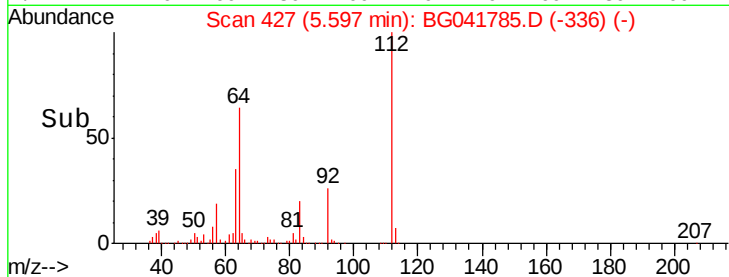
63 34.6 29.1 43.7



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: 29.390 ng

RT: 7.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

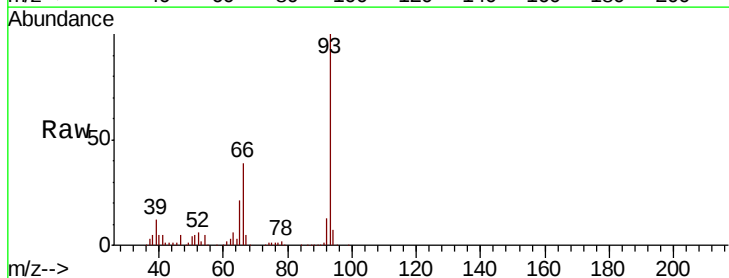
Tgt Ion: 93 Resp: 289289

Ion Ratio Lower Upper

93 100

66 39.3 34.2 51.2

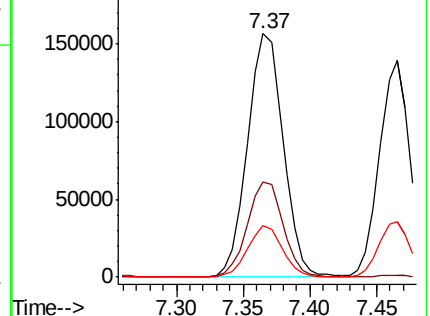
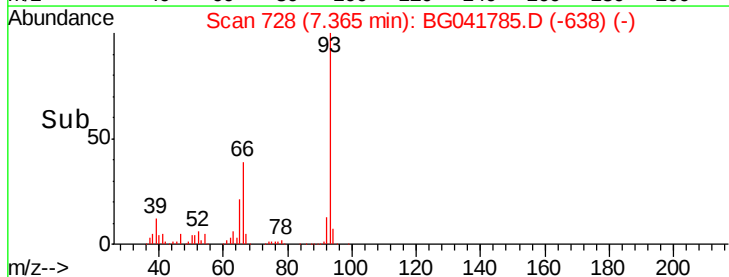
65 21.2 18.2 27.2



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: 129.199 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG041785.D

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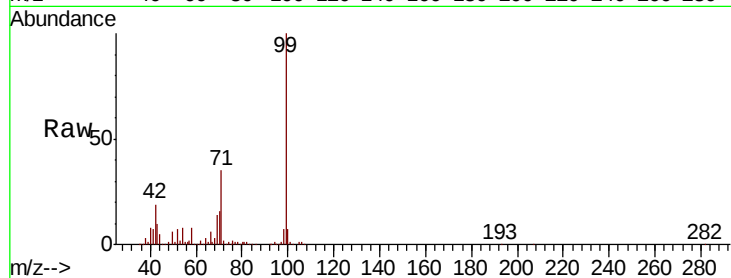
Tgt Ion: 99 Resp: 903158

Ion Ratio Lower Upper

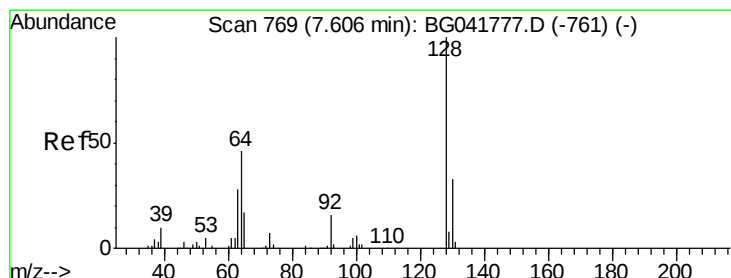
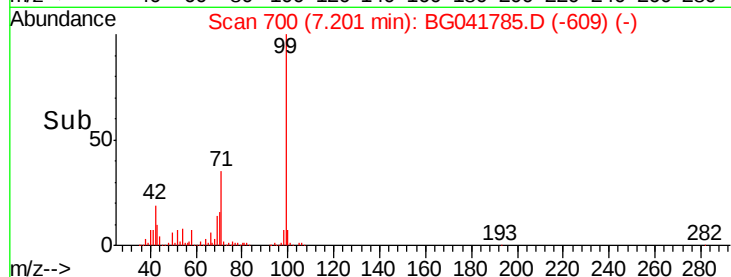
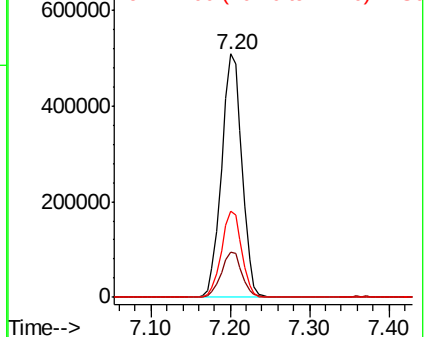
99 100

42 18.6 17.6 26.4

71 35.3 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: 41.976 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

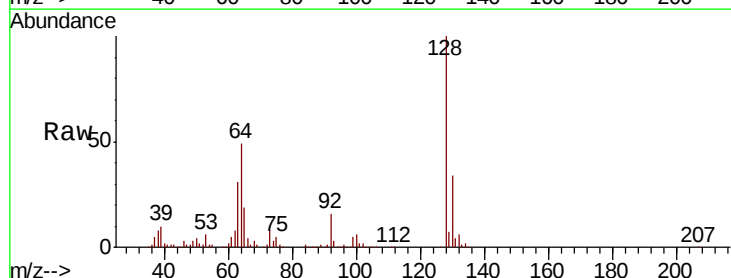
Tgt Ion: 128 Resp: 249231

Ion Ratio Lower Upper

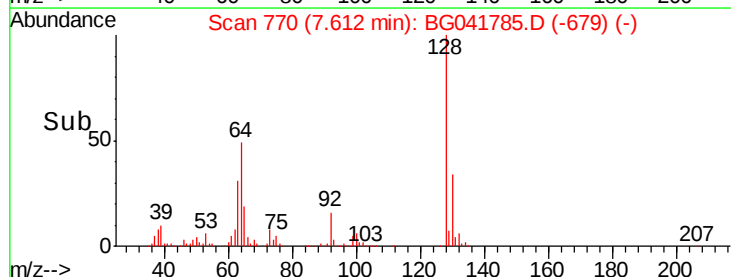
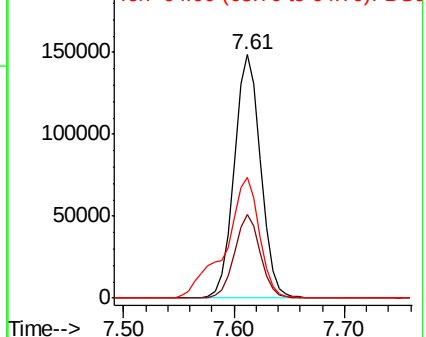
128 100

130 34.5 12.4 52.4

64 49.4 34.9 74.9



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





#9

Benzaldehyde

Concen: 7.888 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG041785.D

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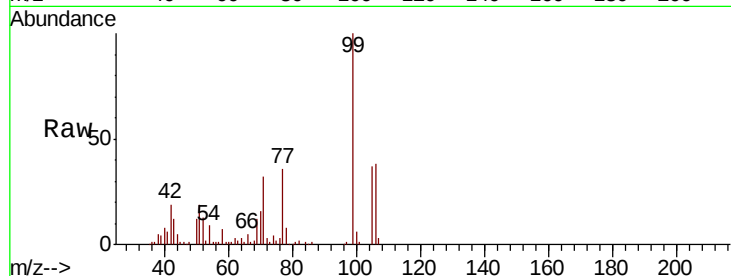
Tgt Ion: 77 Resp: 38800

Ion Ratio Lower Upper

77 100

105 103.4 74.6 114.6

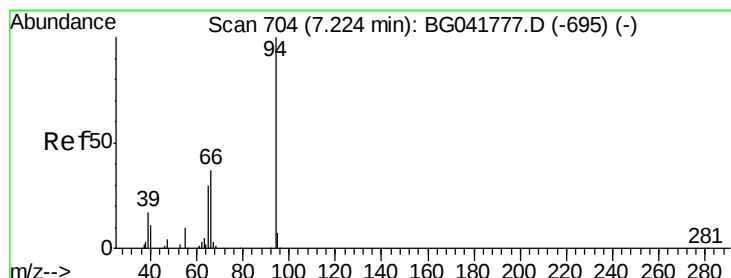
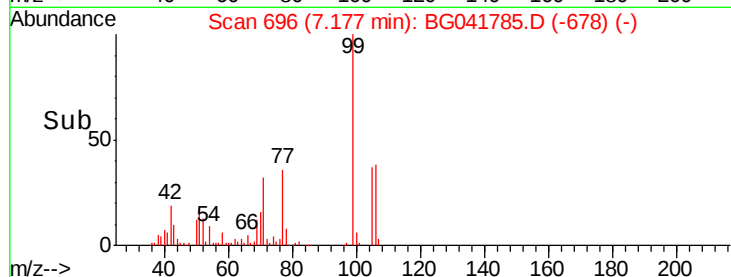
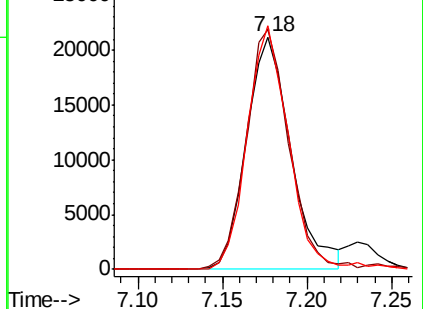
106 104.8 71.1 111.1



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: 42.261 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

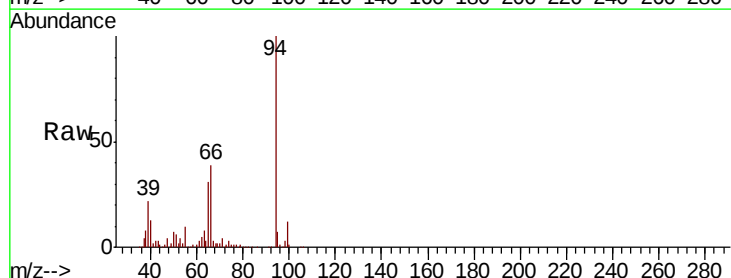
Tgt Ion: 94 Resp: 307343

Ion Ratio Lower Upper

94 100

65 31.2 10.6 50.6

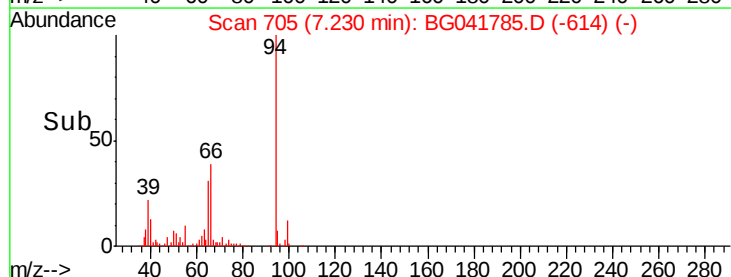
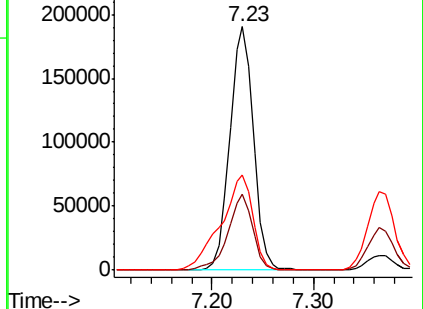
66 39.2 18.2 58.2

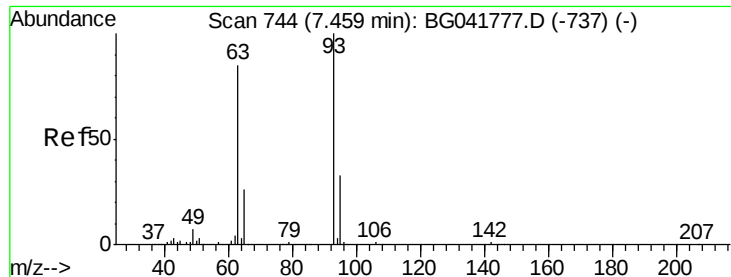


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

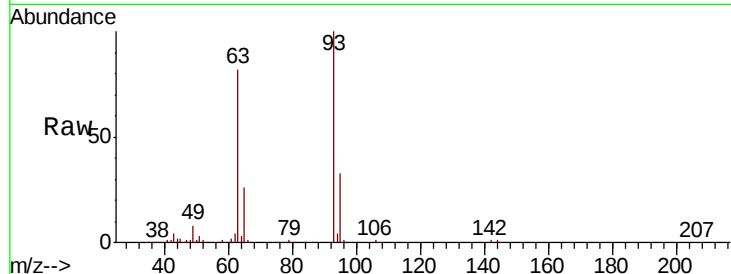




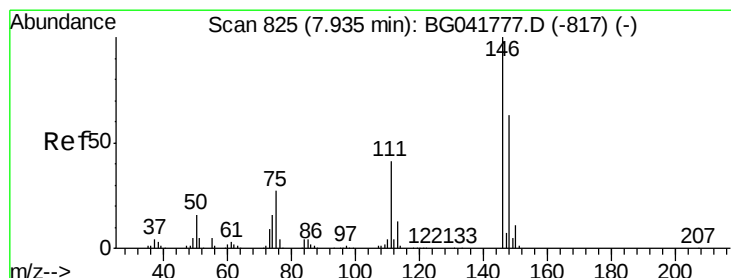
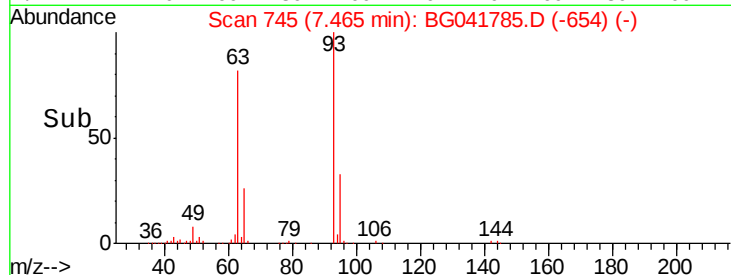
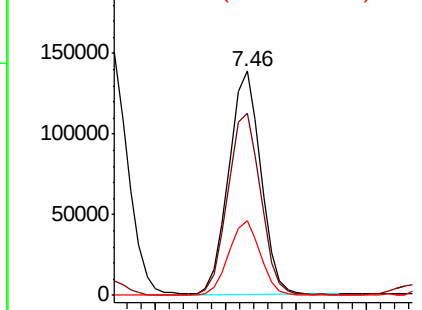
#11
 bis(2-Chloroethyl)ether
 Concen: 36.757 ng
 RT: 7.46 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tgt Ion: 93 Resp: 219763
 Ion Ratio Lower Upper
 93 100
 63 81.5 70.4 110.4
 95 33.1 12.8 52.8

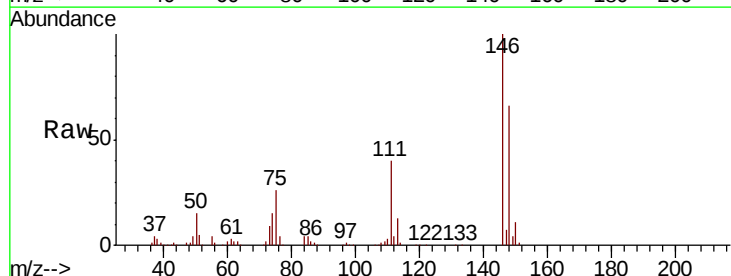


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

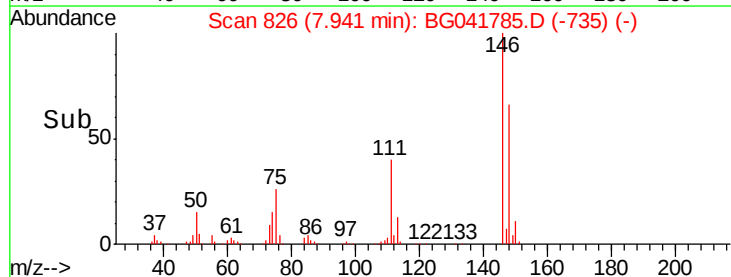
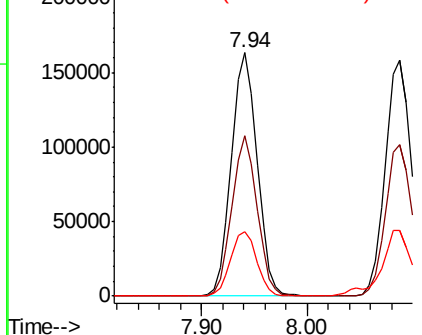


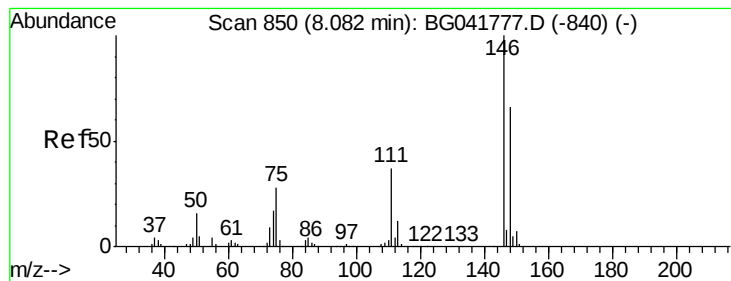
#12
 1,3-Dichlorobenzene
 Concen: 35.376 ng
 RT: 7.94 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion: 146 Resp: 274138
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.5 77.3
 75 26.2 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: 35.621 ng

RT: 8.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

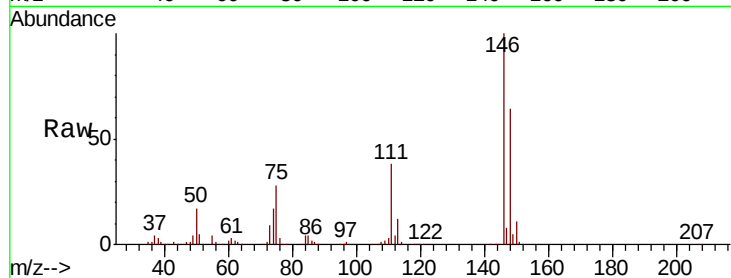
Tgt Ion:146 Resp: 276207

Ion Ratio Lower Upper

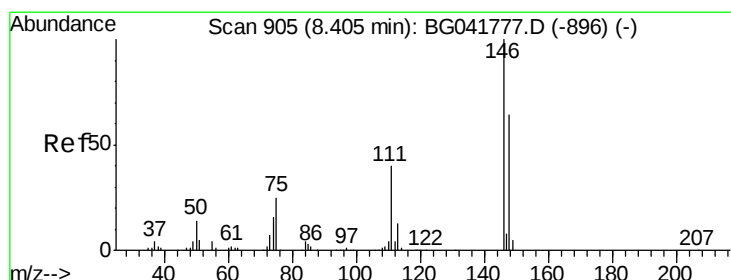
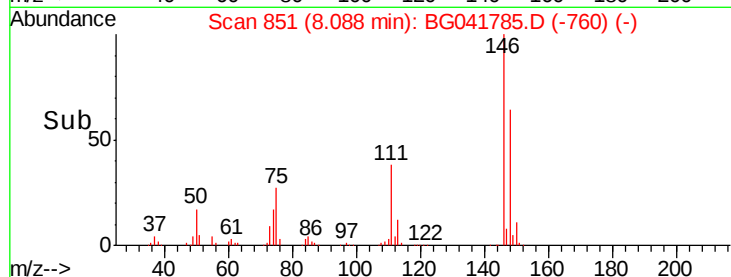
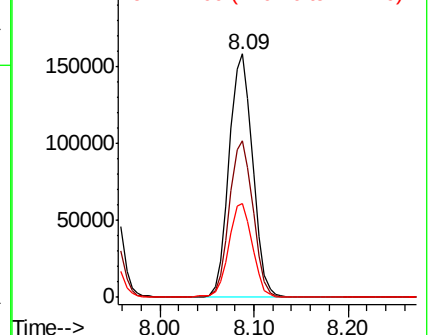
146 100

148 64.3 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: 35.981 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

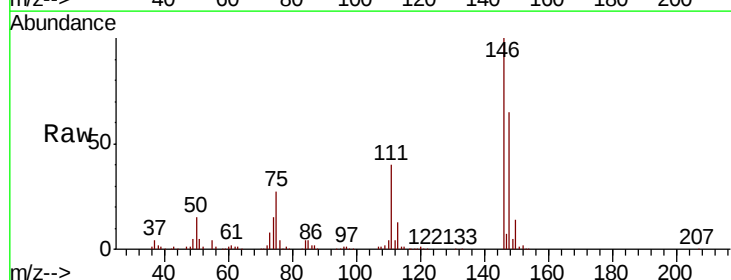
Tgt Ion:146 Resp: 266220

Ion Ratio Lower Upper

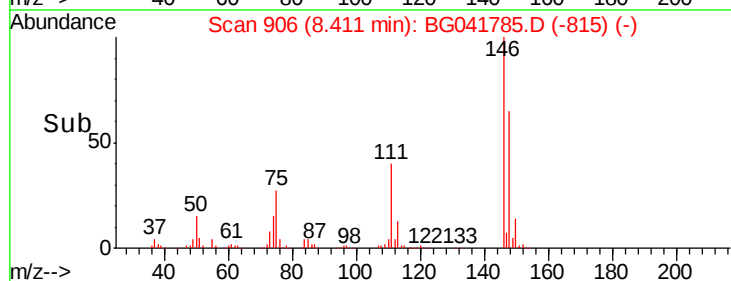
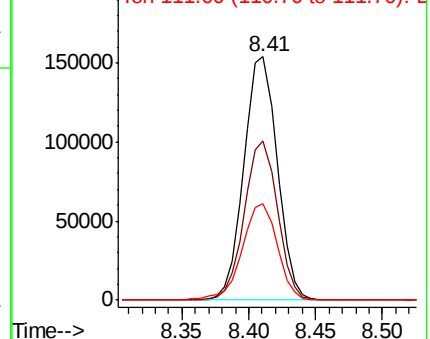
146 100

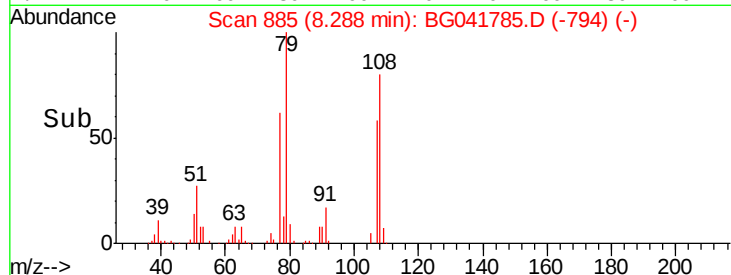
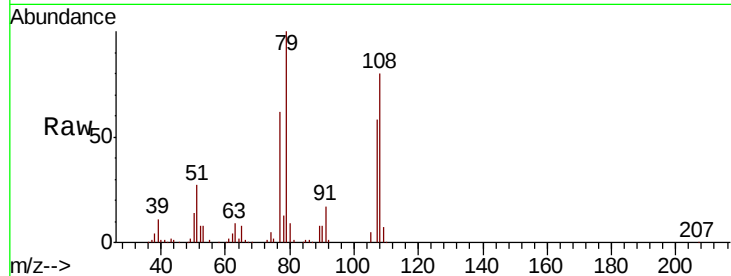
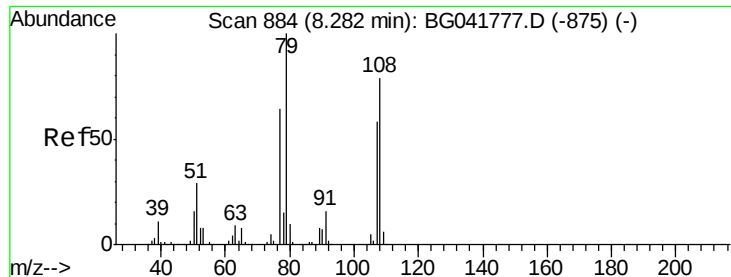
148 65.5 53.5 80.3

111 39.7 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: 39.654 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

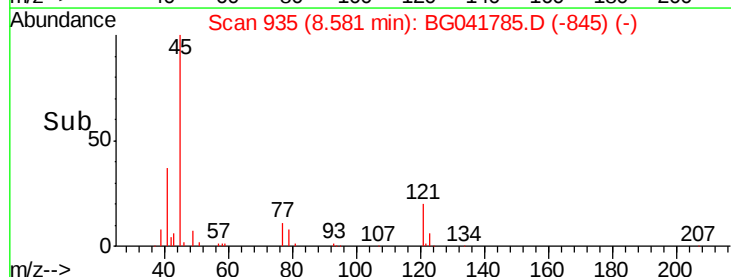
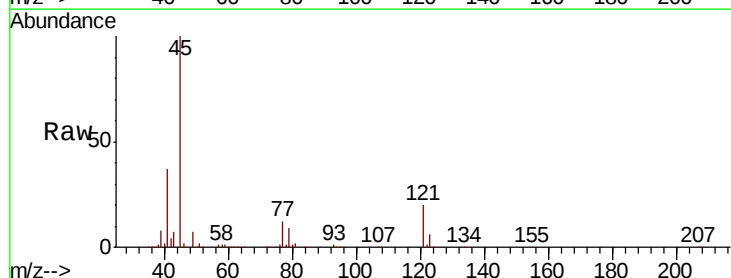
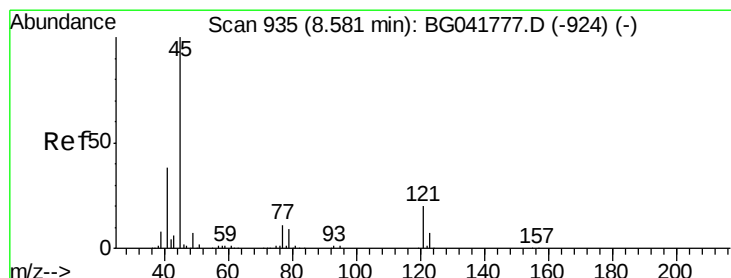
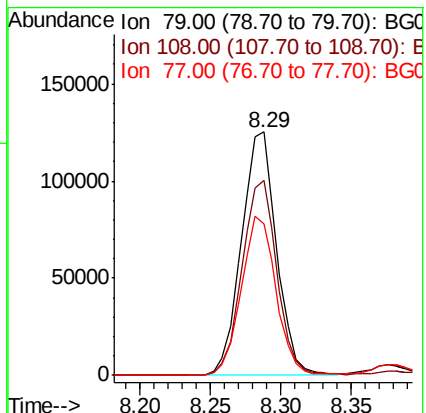
Tgt Ion: 79 Resp: 218078

Ion Ratio Lower Upper

79 100

108 80.2 60.5 90.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.870 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

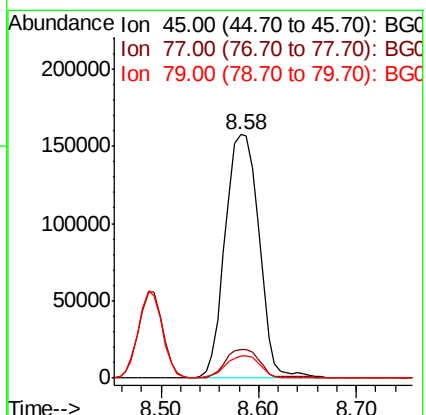
Tgt Ion: 45 Resp: 381545

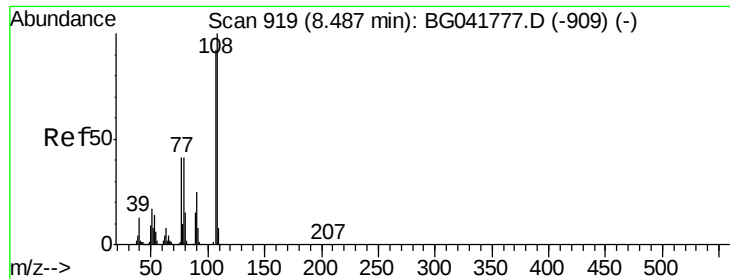
Ion Ratio Lower Upper

45 100

77 11.9 0.0 30.4

79 9.3 0.0 27.9

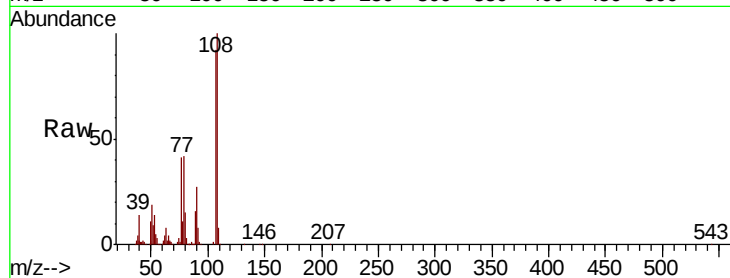




#17
2-Methylphenol
Concen: 41.946 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.3	87.6	131.4
77	44.4	36.1	54.1
79	45.3	36.4	54.6



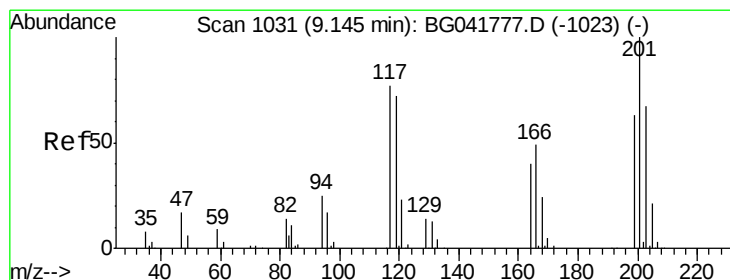
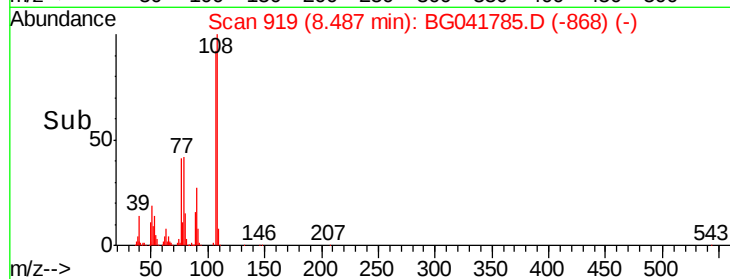
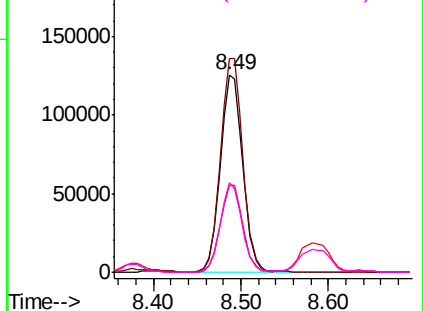
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

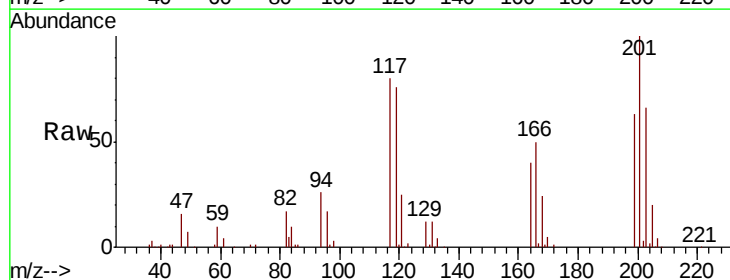
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.184 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.2
201	125.1	94.1	141.1

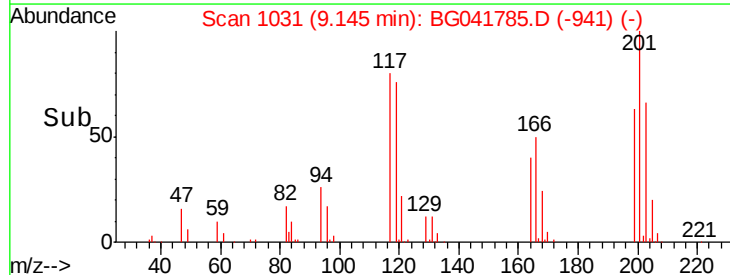
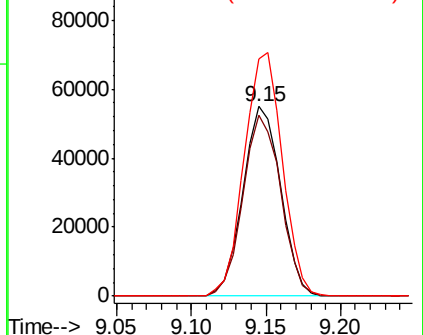


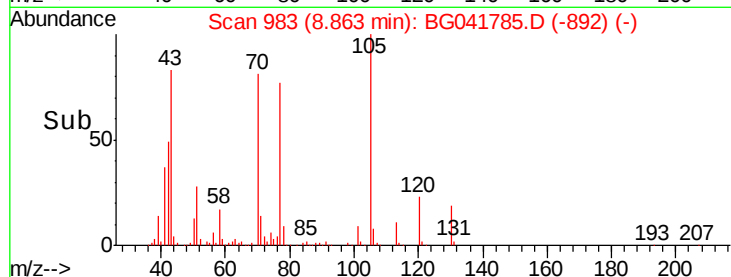
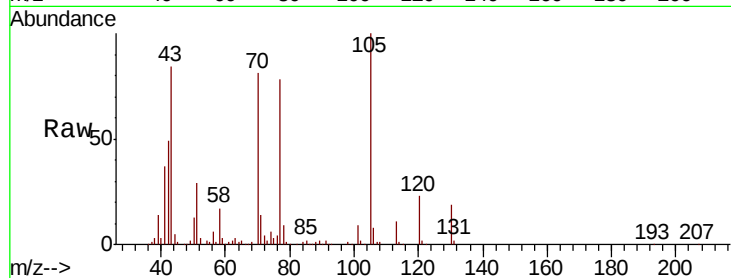
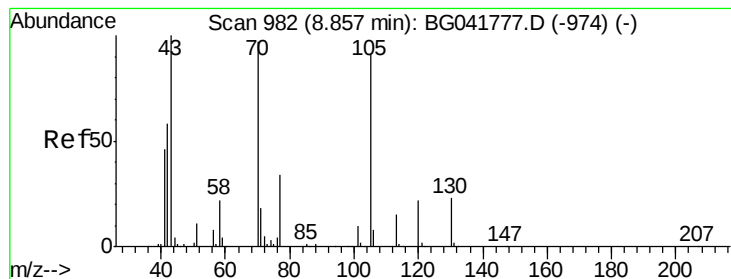
Abundance

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: 37.256 ng

RT: 8.86 min Scan# 983

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

Tgt Ion: 70 Resp: 189081

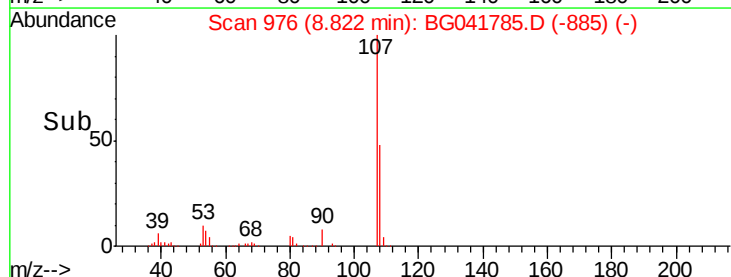
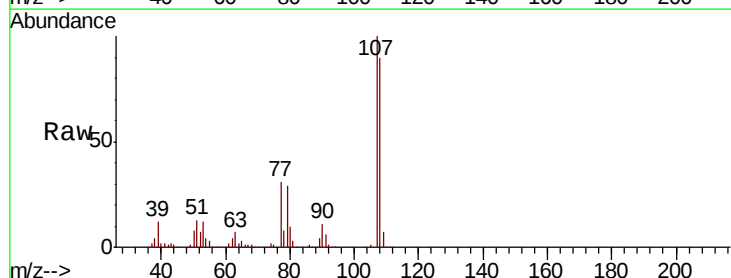
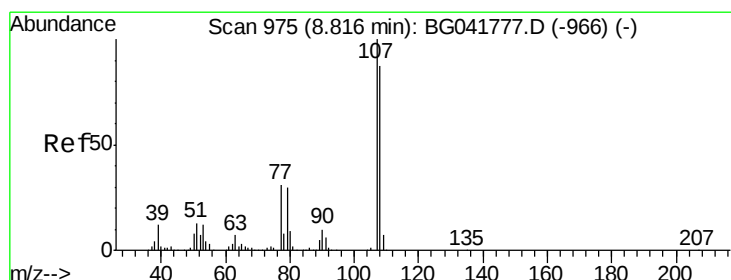
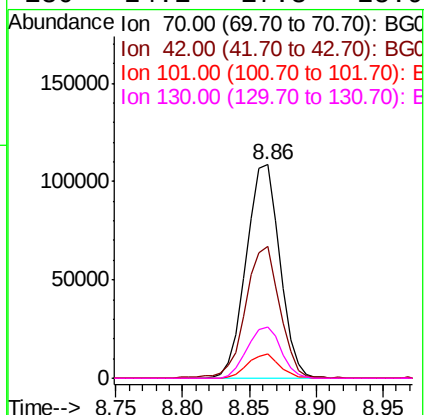
Ion Ratio Lower Upper

70 100

42 61.5 55.8 83.6

101 11.2 8.1 12.1

130 24.1 17.3 25.9



#20

3+4-Methylphenols

Concen: 41.451 ng

RT: 8.82 min Scan# 976

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Tgt Ion: 107 Resp: 300009

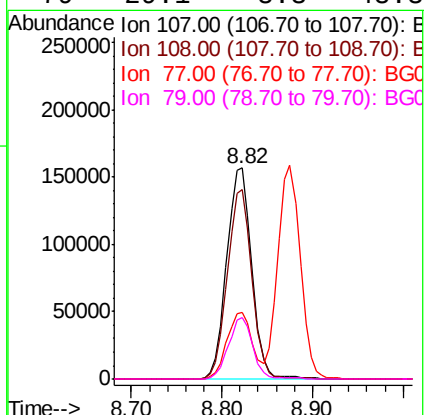
Ion Ratio Lower Upper

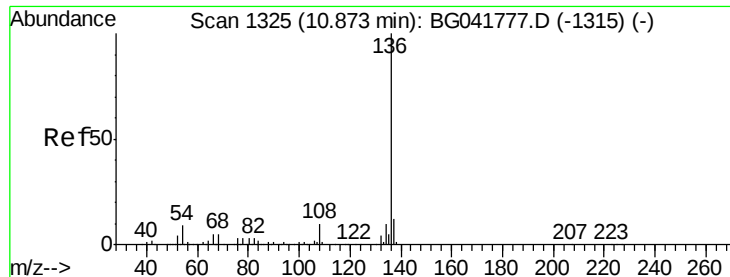
107 100

108 90.1 67.5 107.5

77 31.5 12.3 52.3

79 29.1 8.3 48.3

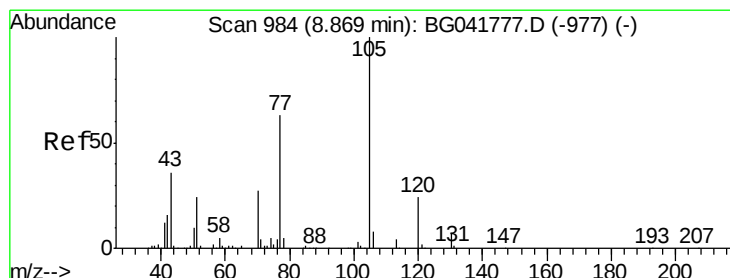
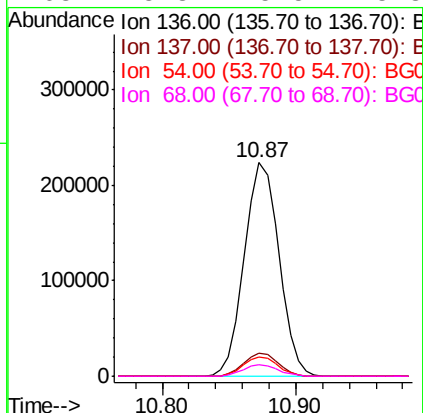
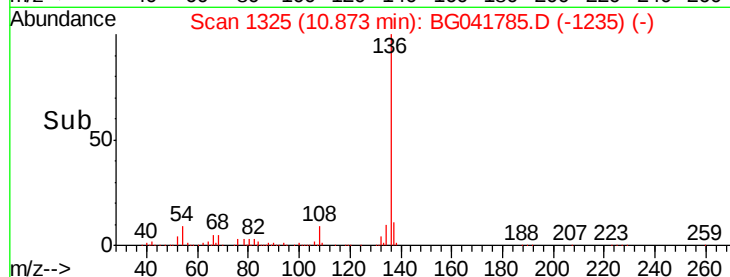
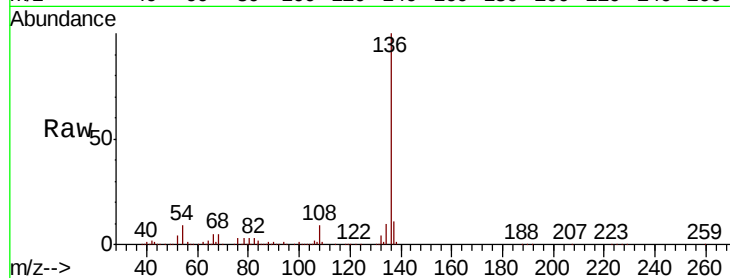




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

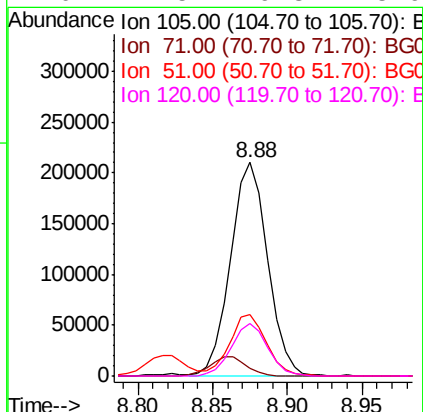
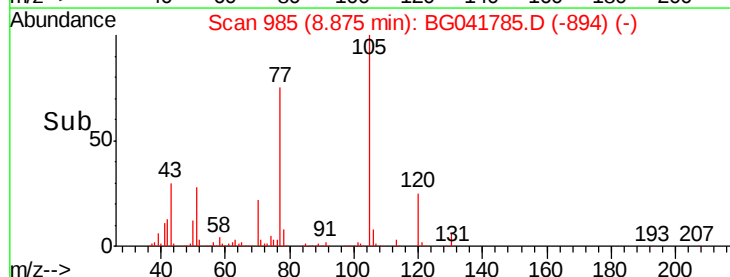
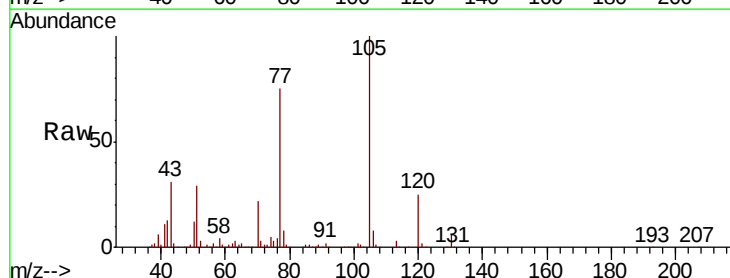
Instrument :
BNA_G
ClientSampleId :
PB121703BS

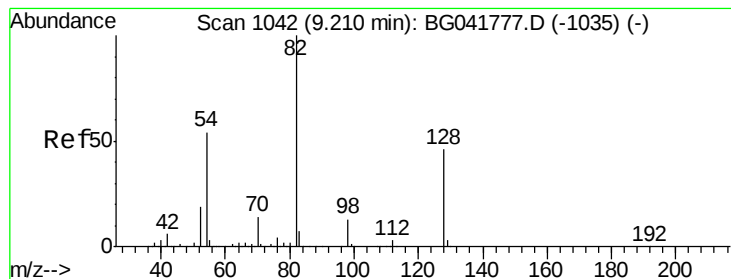
Tgt Ion:	136	Resp:	402836
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.9	8.7	13.1
68	5.3	5.5	8.3#



#22
Acetophenone
Concen: 40.273 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:	105	Resp:	362883
Ion	Ratio	Lower	Upper
105	100		
71	3.4	5.9	8.9#
51	28.7	27.7	41.5
120	24.5	19.3	28.9





#23

Nitrobenzene-d5

Concen: 87.665 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

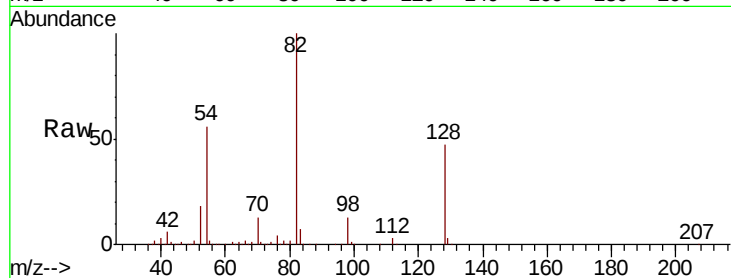
Tgt Ion: 82 Resp: 513175

Ion Ratio Lower Upper

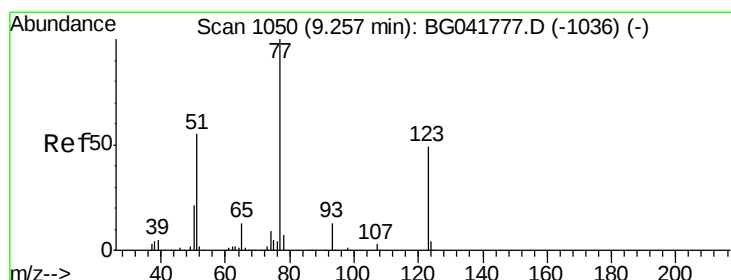
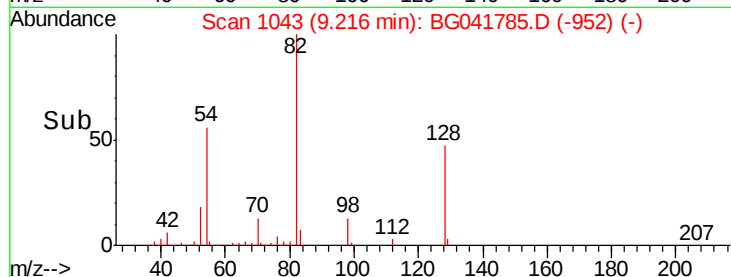
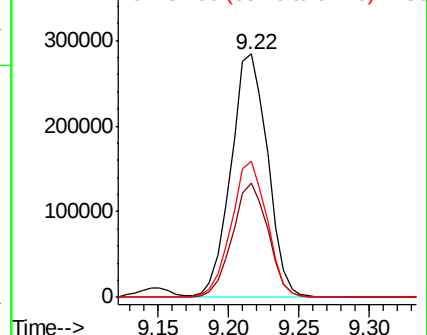
82 100

128 46.7 35.1 52.7

54 56.0 48.7 73.1



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



#24

Nitrobenzene

Concen: 42.987 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

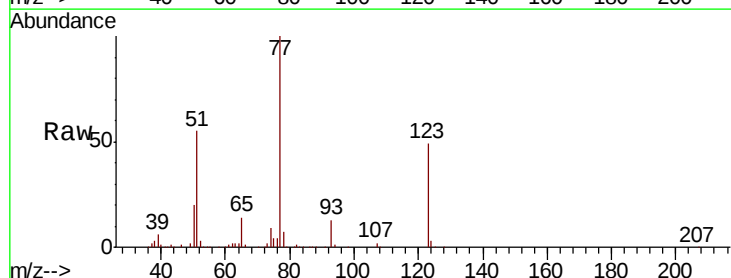
Tgt Ion: 77 Resp: 265101

Ion Ratio Lower Upper

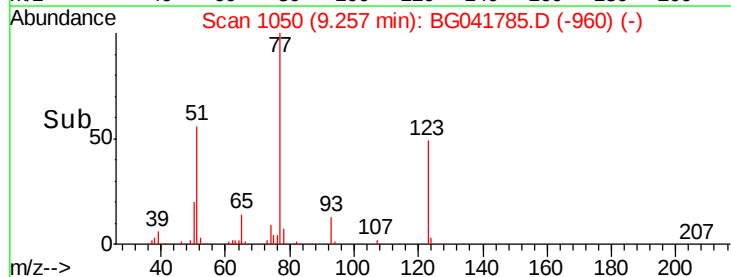
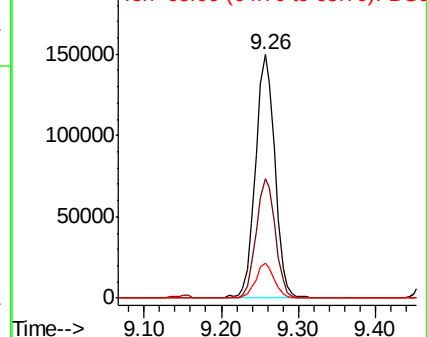
77 100

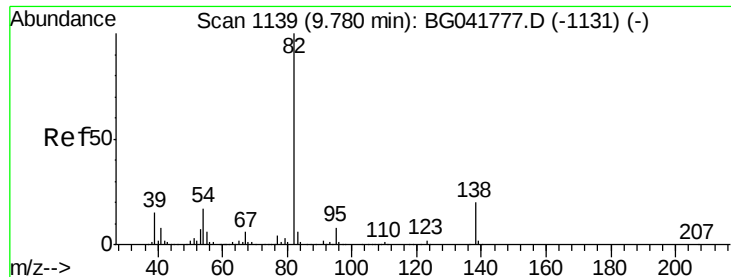
123 49.2 38.1 57.1

65 14.3 11.0 16.6



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





#25

Isophorone

Concen: 40.360 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

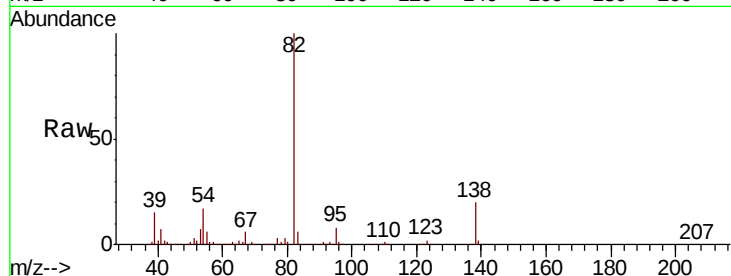
Tgt Ion: 82 Resp: 513948

Ion Ratio Lower Upper

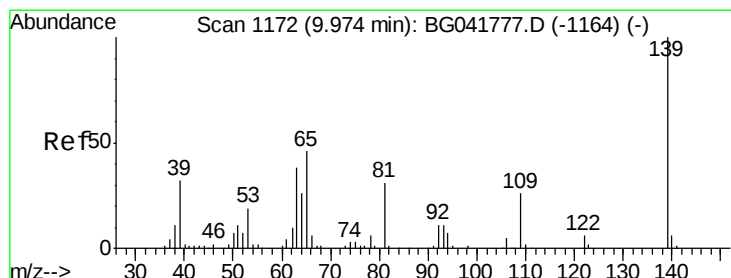
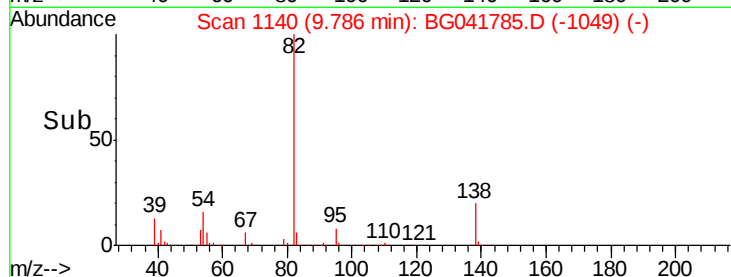
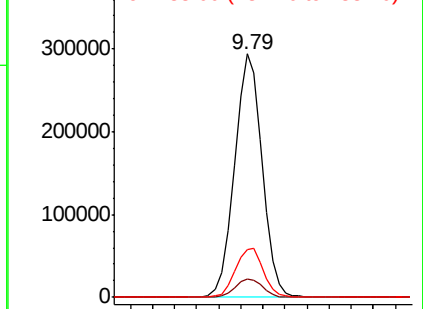
82 100

95 7.7 5.9 8.9

138 19.8 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: 47.508 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

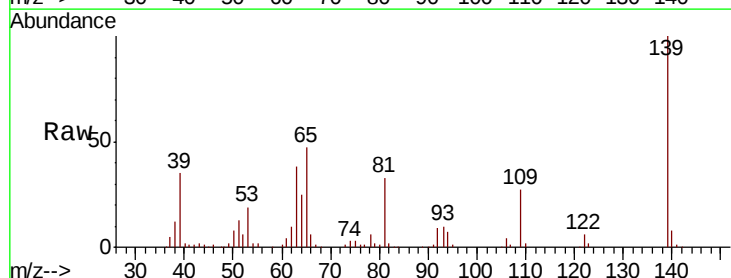
Tgt Ion: 139 Resp: 135977

Ion Ratio Lower Upper

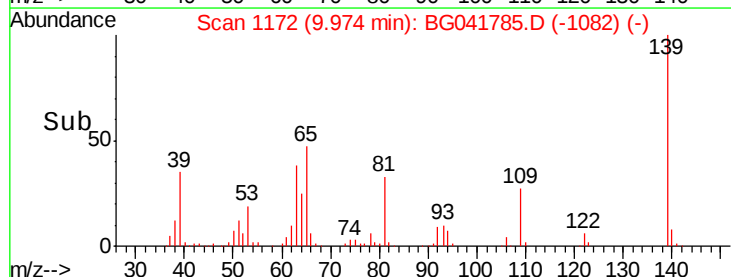
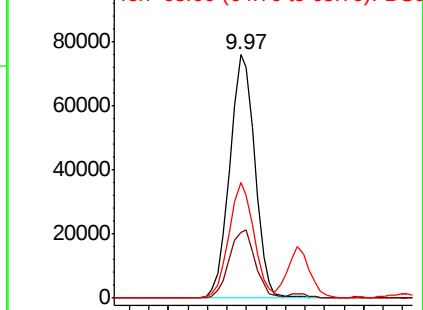
139 100

109 27.2 22.7 34.1

65 47.2 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

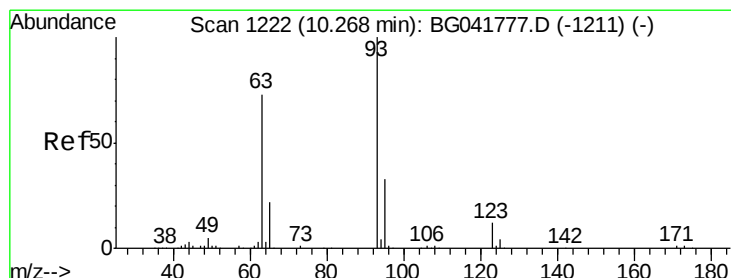
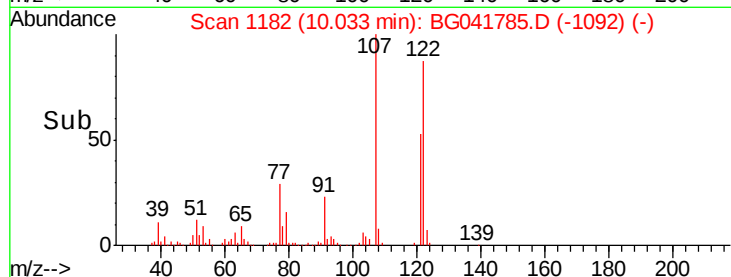
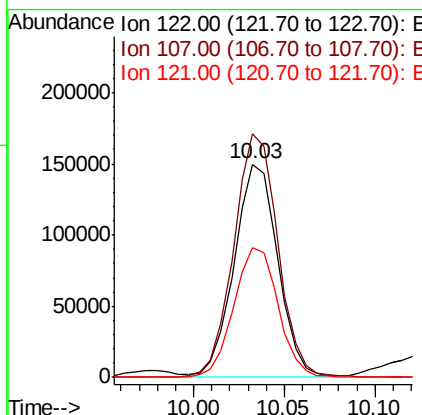
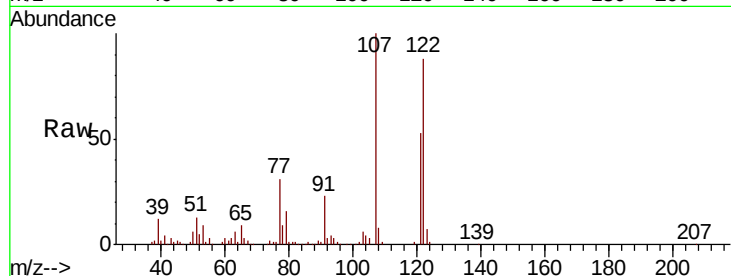




#27
 2,4-Dimethylphenol
 Concen: 49.299 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

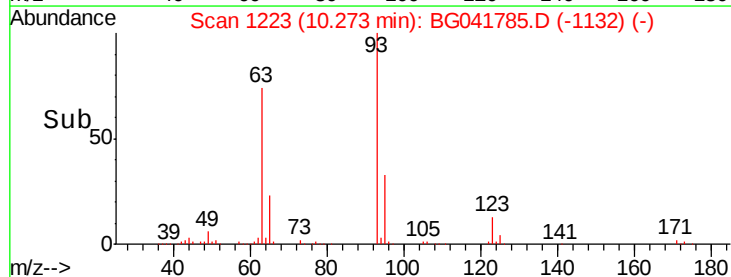
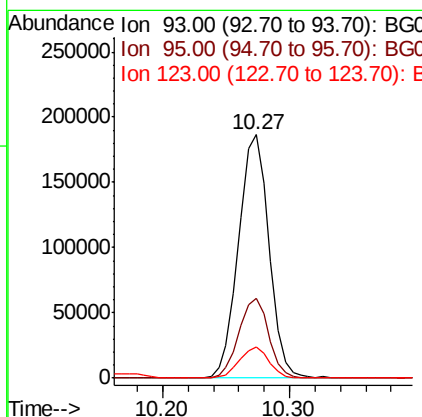
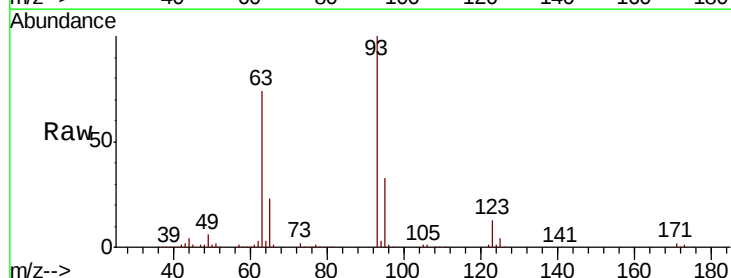
Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

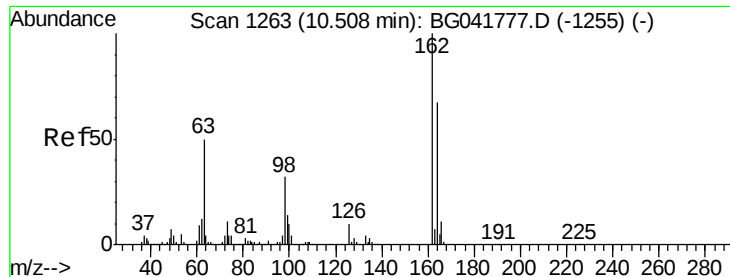
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.2	91.3	136.9
121	60.9	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.178 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	12.9	9.9	14.9

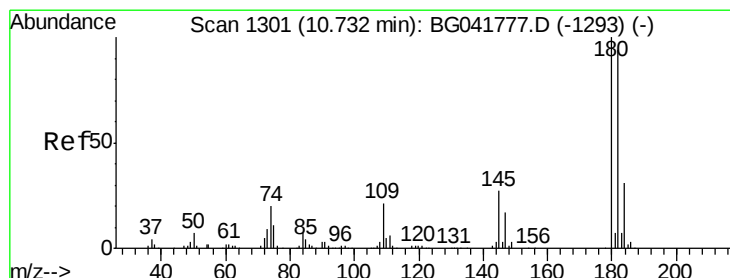
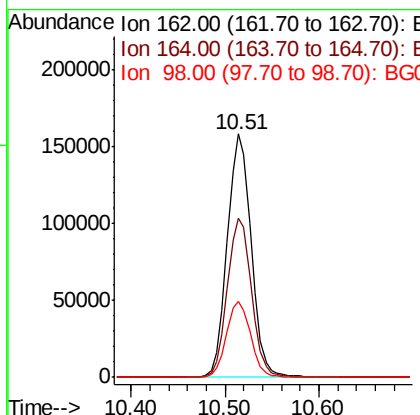
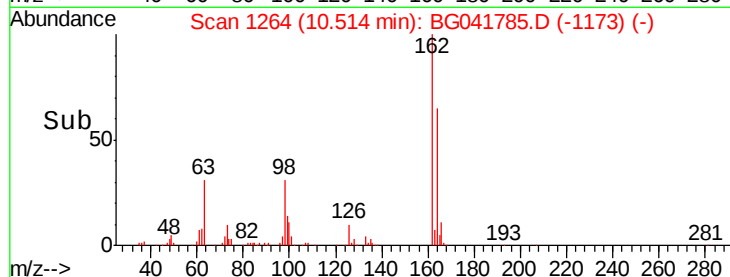
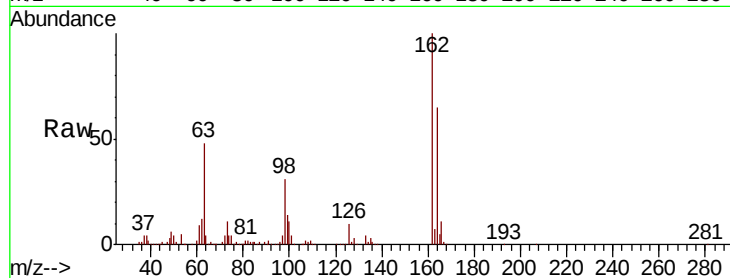




#29
2,4-Dichlorophenol
Concen: 45.624 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

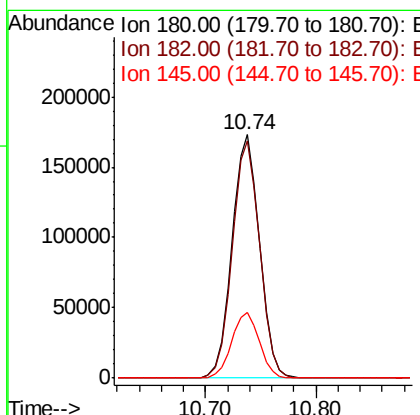
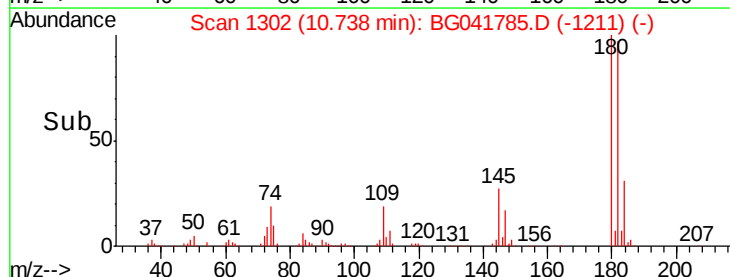
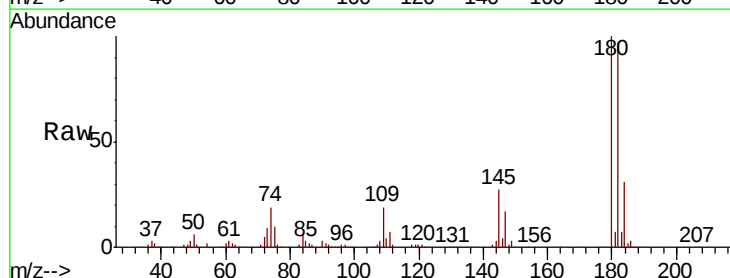
Instrument :
BNA_G
ClientSampleId :
PB121703BS

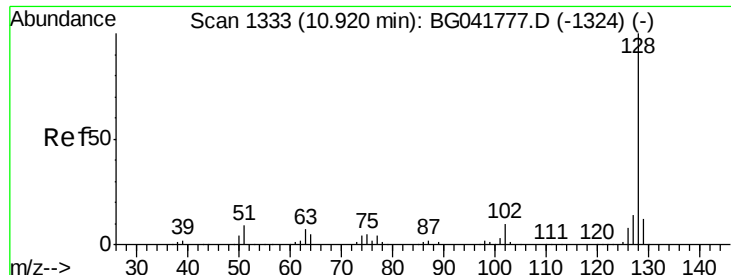
Tgt Ion:162 Resp: 280663
Ion Ratio Lower Upper
162 100
164 65.5 46.1 86.1
98 31.3 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 38.660 ng
RT: 10.74 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:180 Resp: 301585
Ion Ratio Lower Upper
180 100
182 97.3 76.2 114.2
145 27.0 23.8 35.8

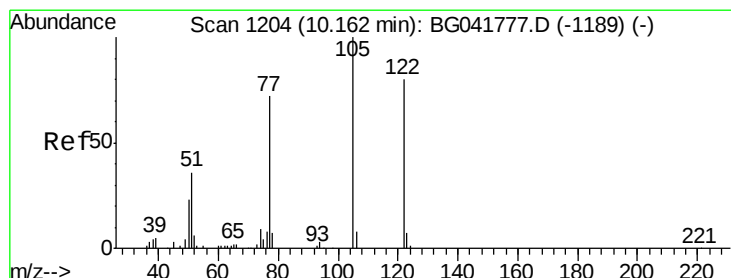
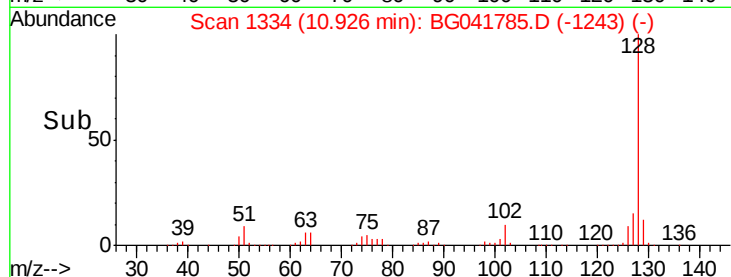
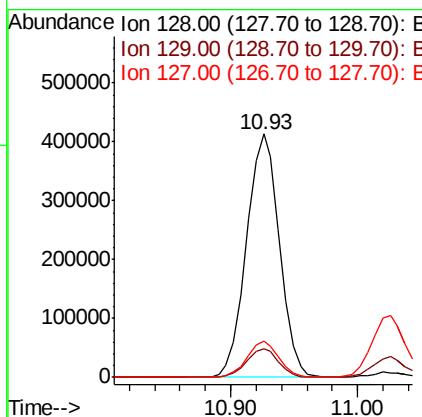
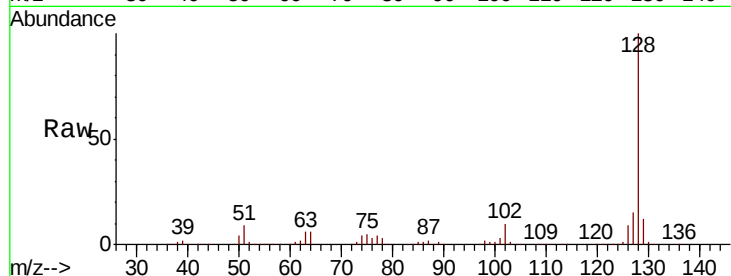




#31
Naphthalene
Concen: 40.430 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

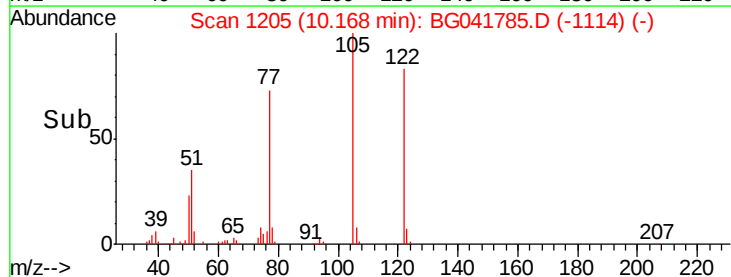
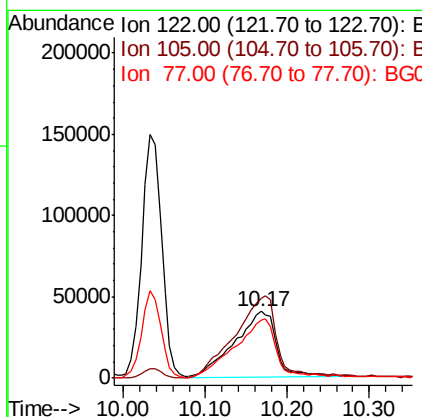
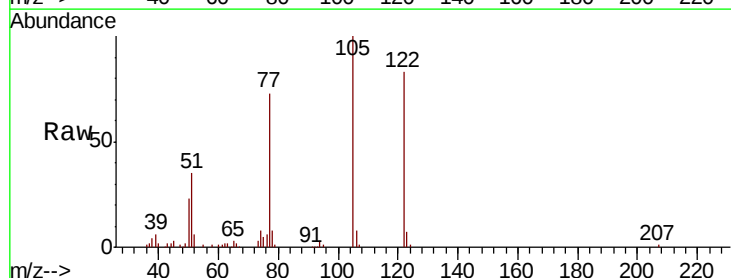
Instrument :
BNA_G
ClientSampled :
PB121703BS

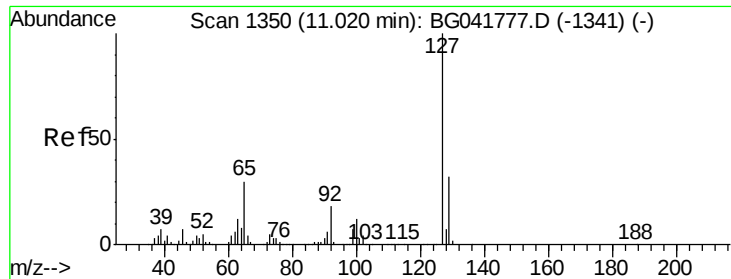
Tgt Ion:128 Resp: 745387
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 14.8 12.3 18.5



#32
Benzoic acid
Concen: 41.163 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:122 Resp: 143064
Ion Ratio Lower Upper
122 100
105 120.3 101.5 141.5
77 87.3 73.0 113.0

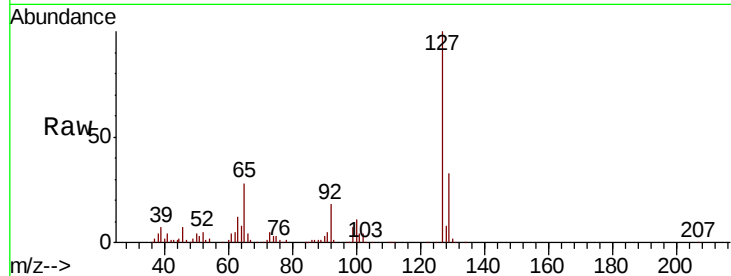




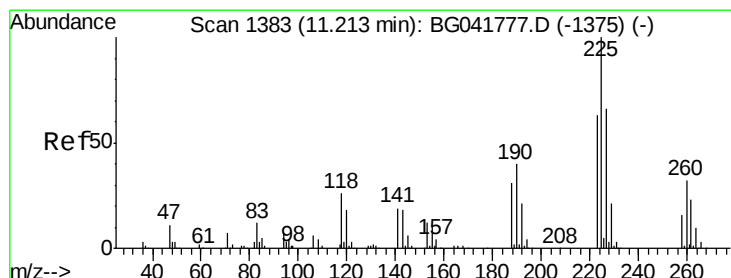
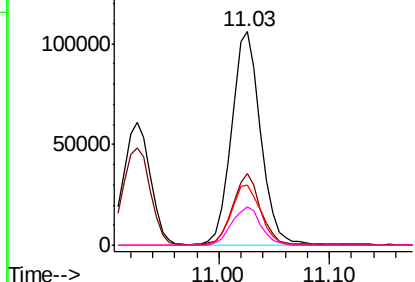
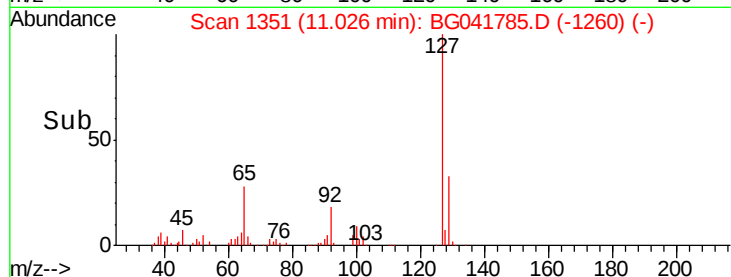
#33
4-Chloroaniline
Concen: 22.554 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tgt Ion:	127	Resp:	197197
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.8	38.8
65	28.5	26.7	40.1
92	17.7	15.4	23.0

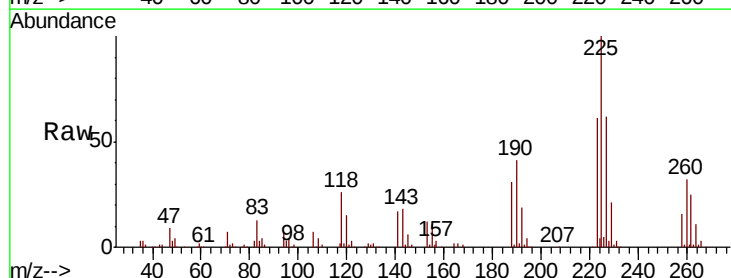


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

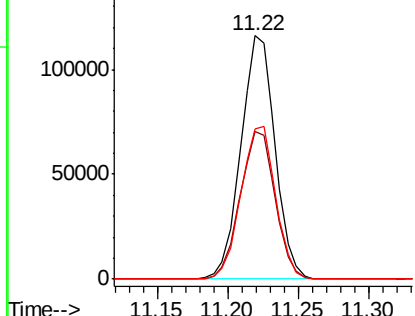
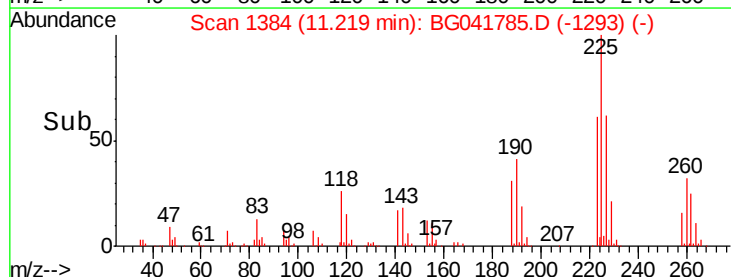


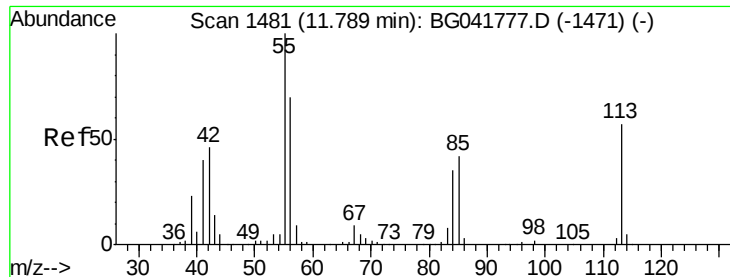
#34
Hexachlorobutadiene
Concen: 37.336 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:	225	Resp:	196572
Ion	Ratio	Lower	Upper
225	100		
223	60.7	51.1	76.7
227	61.7	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

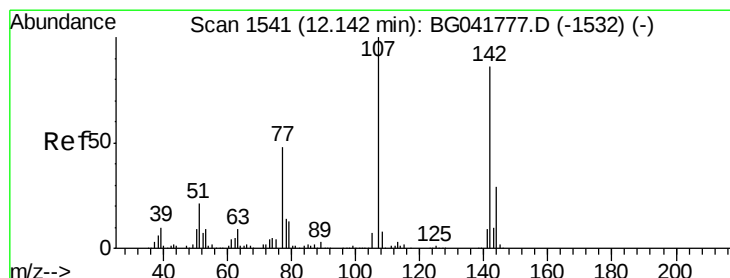
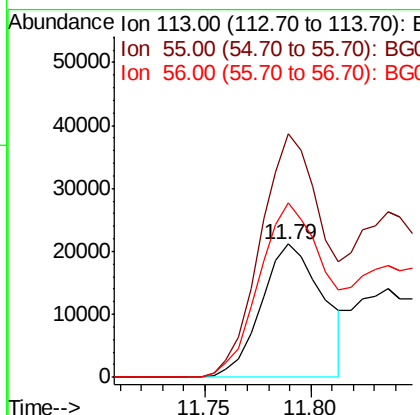
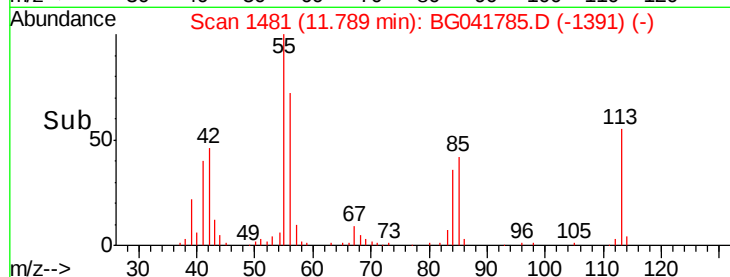
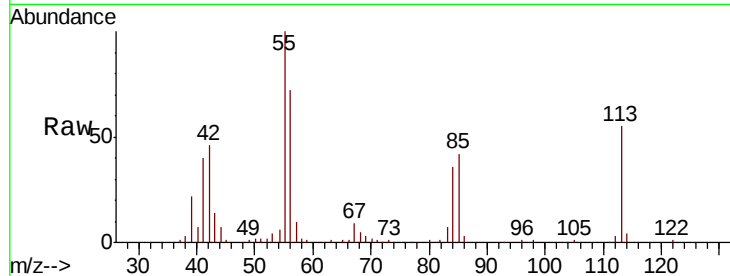




#35
Caprolactam
Concen: 20.039 ng
RT: 11.79 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

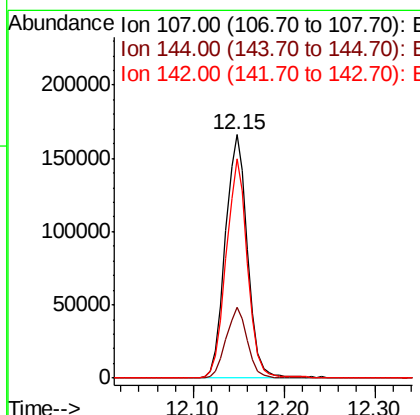
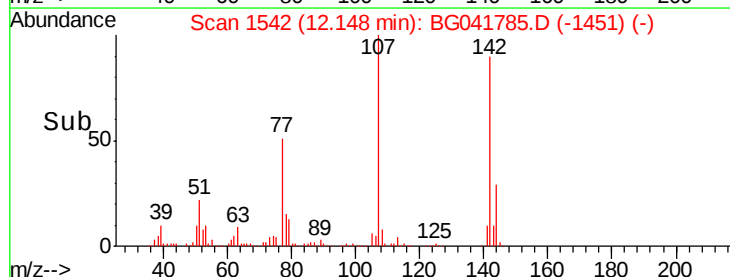
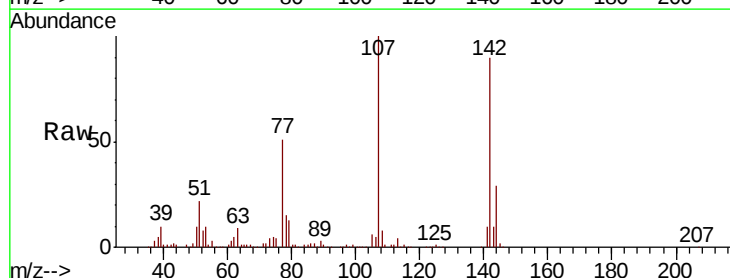
Instrument :
BNA_G
ClientSampleId :
PB121703BS

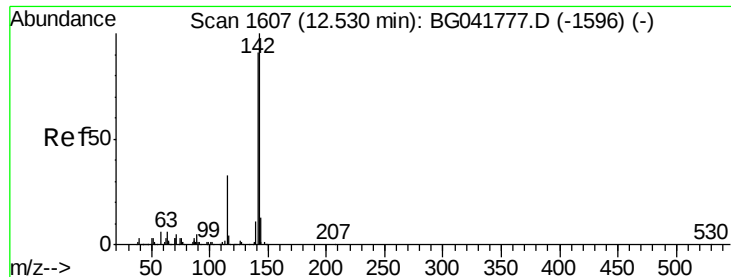
Tgt Ion:113 Resp: 42841
Ion Ratio Lower Upper
113 100
55 182.7 199.4 239.4#
56 131.2 133.6 173.6#



#36
4-Chloro-3-methylphenol
Concen: 46.043 ng
RT: 12.15 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:107 Resp: 280808
Ion Ratio Lower Upper
107 100
144 29.0 22.2 33.2
142 90.1 67.3 100.9

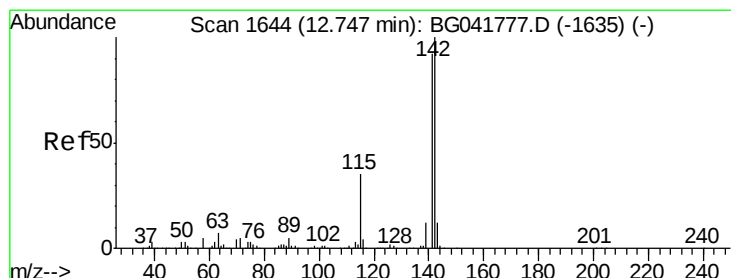
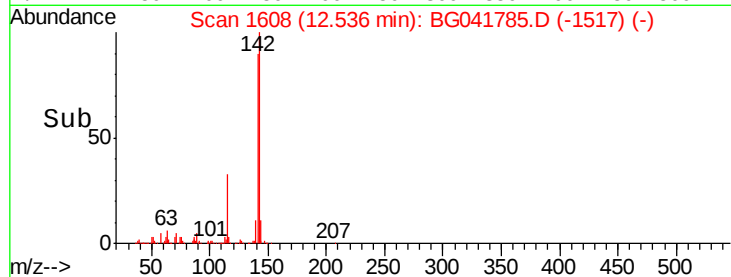
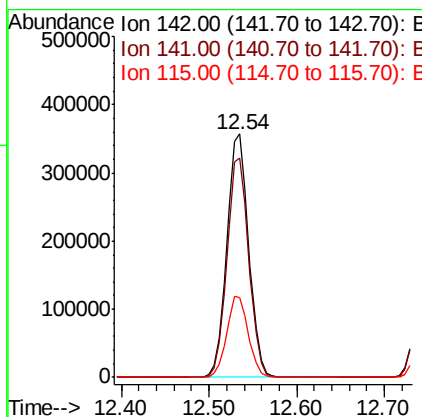
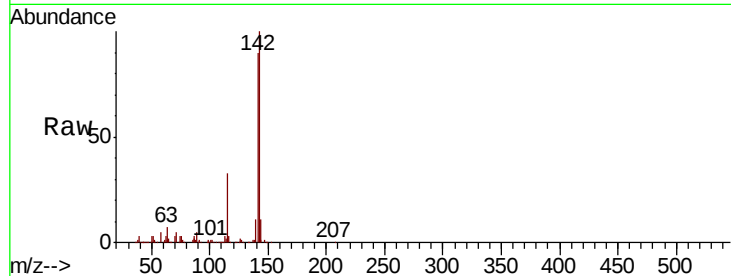




#37
2-Methylnaphthalene
Concen: 41.645 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

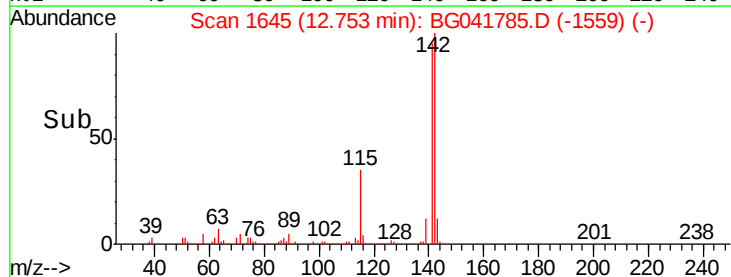
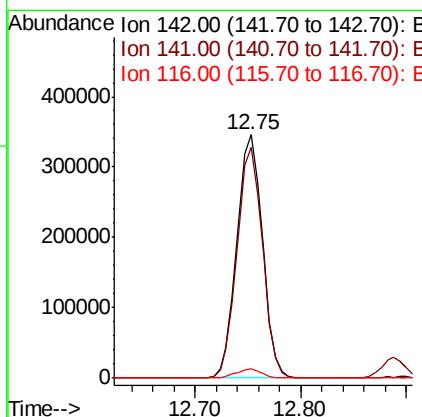
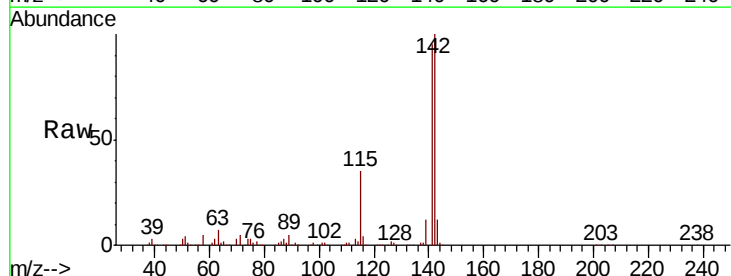
Instrument :
BNA_G
ClientSampleId :
PB121703BS

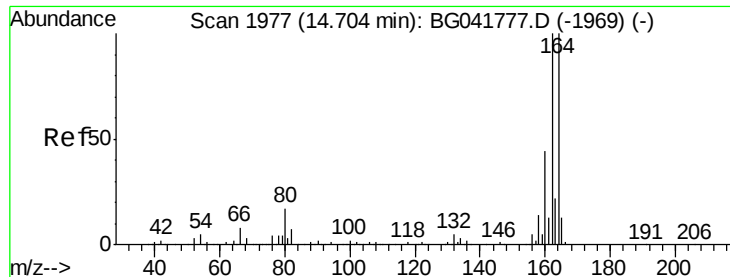
Tgt Ion:142 Resp: 607739
Ion Ratio Lower Upper
142 100
141 90.2 72.7 109.1
115 32.6 27.0 40.4



#38
1-Methylnaphthalene
Concen: 41.799 ng
RT: 12.75 min Scan# 1645
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:142 Resp: 578066
Ion Ratio Lower Upper
142 100
141 94.7 75.4 113.2
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

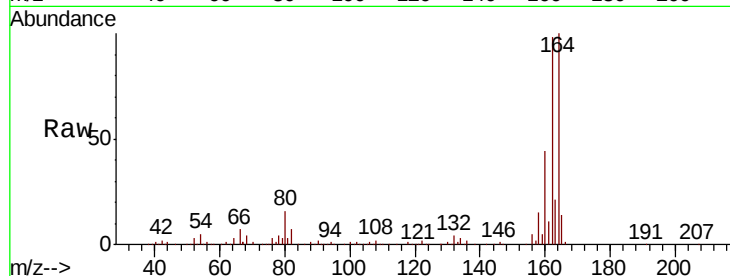
Tgt Ion:164 Resp: 295946

Ion Ratio Lower Upper

164 100

162 98.3 79.6 119.4

160 44.2 35.4 53.0

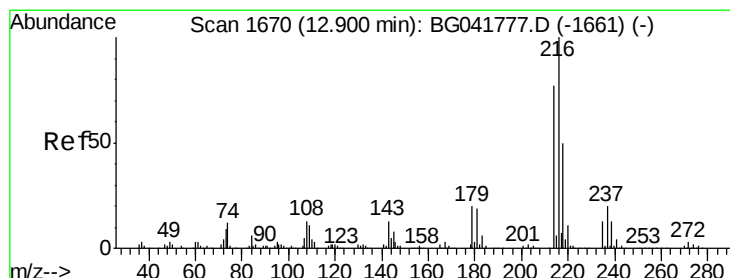
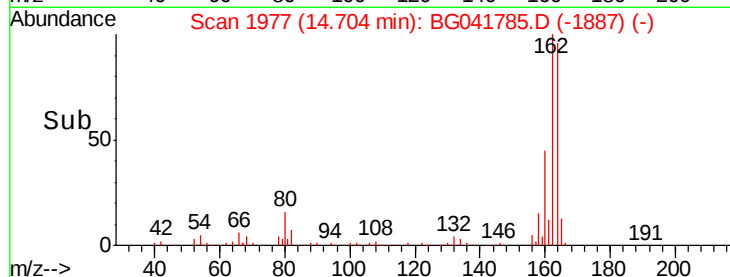
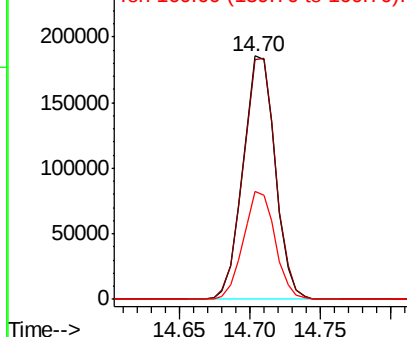


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.828 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Tgt Ion:216 Resp: 373110

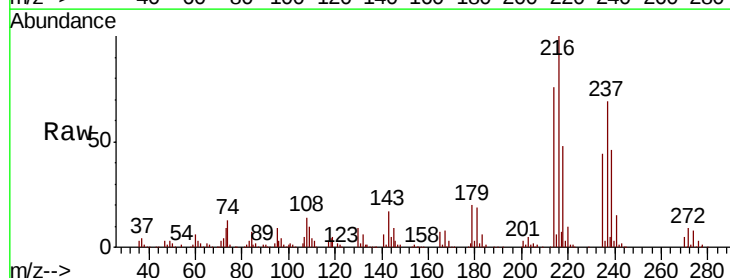
Ion Ratio Lower Upper

216 100

214 77.5 61.5 92.3

179 19.7 16.2 24.2

108 15.6 13.2 19.8



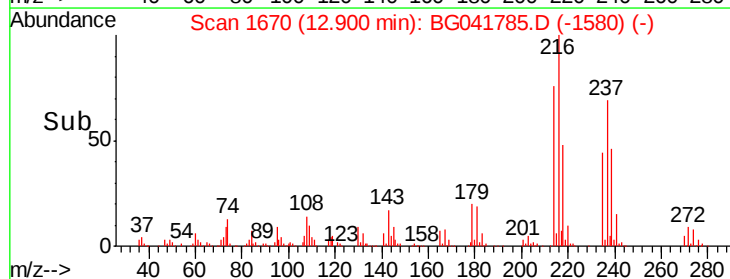
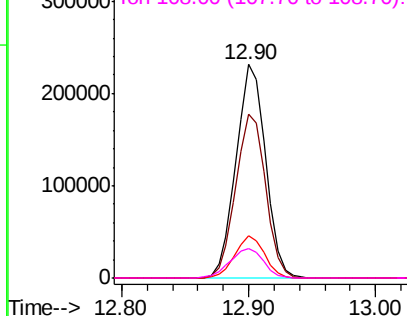
Abundance

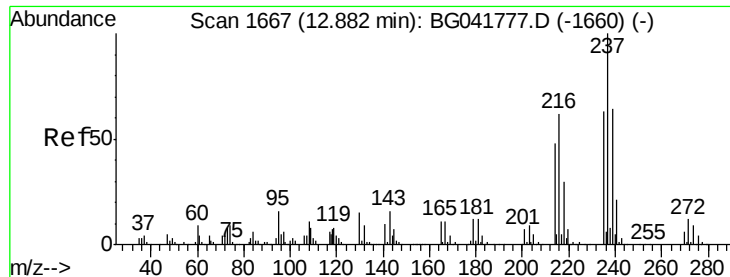
Ion 216.00 (215.70 to 216.70): E

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: 90.265 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

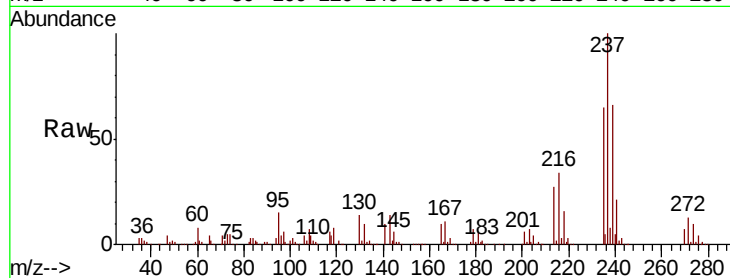
Tgt Ion:237 Resp: 475418

Ion Ratio Lower Upper

237 100

235 65.0 43.5 83.5

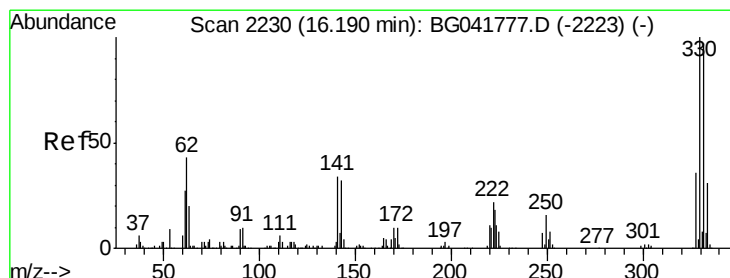
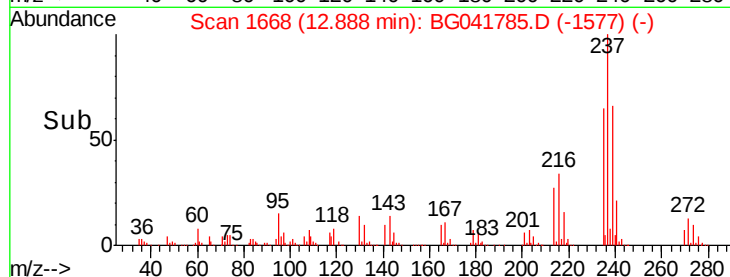
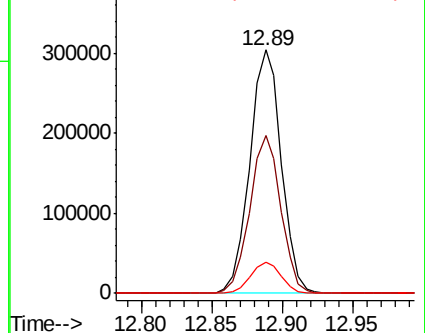
272 12.8 0.0 31.2



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: 134.338 ng

RT: 16.20 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

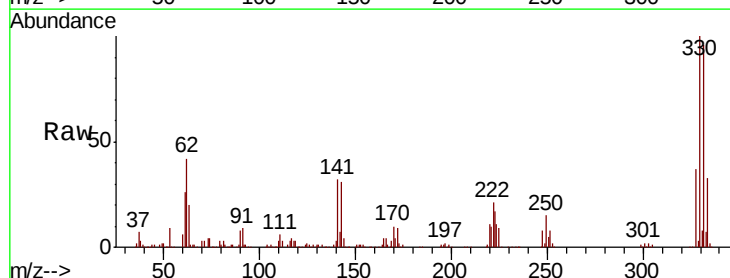
Tgt Ion:330 Resp: 451584

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

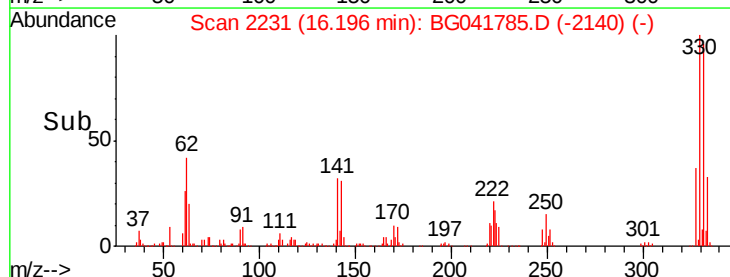
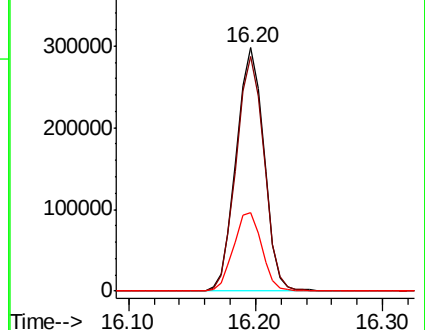
141 32.9 31.9 47.9



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

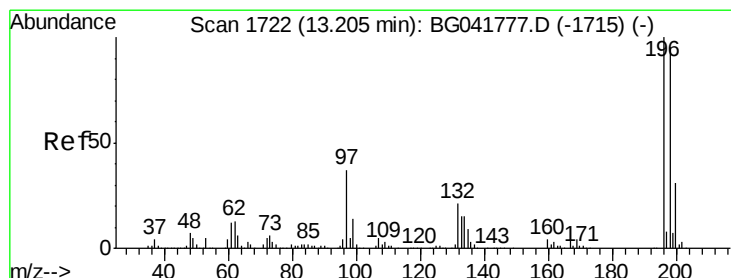
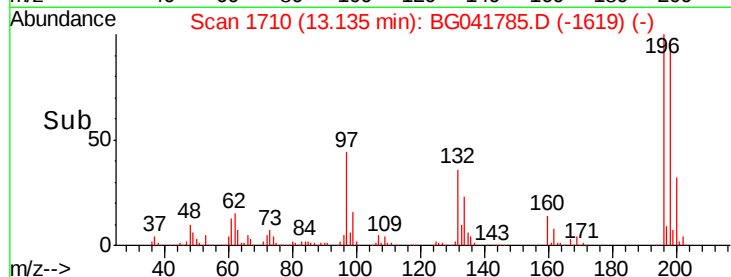
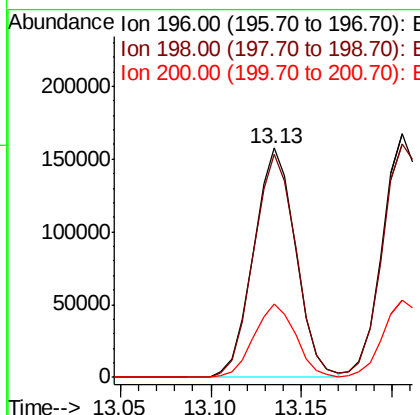
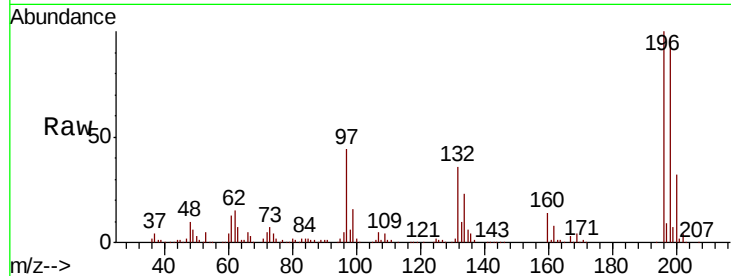




#43
 2,4,6-Trichlorophenol
 Concen: 42.806 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

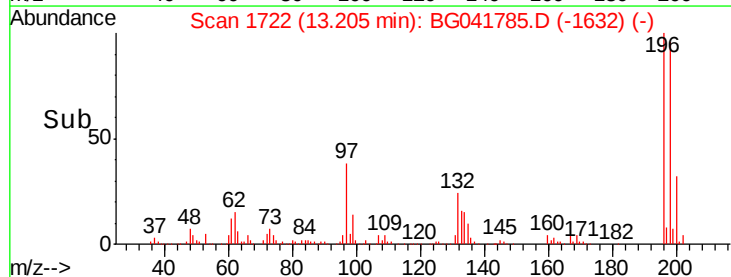
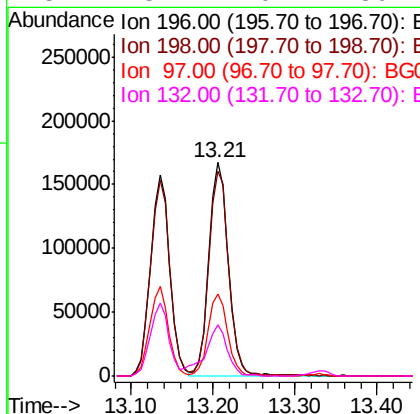
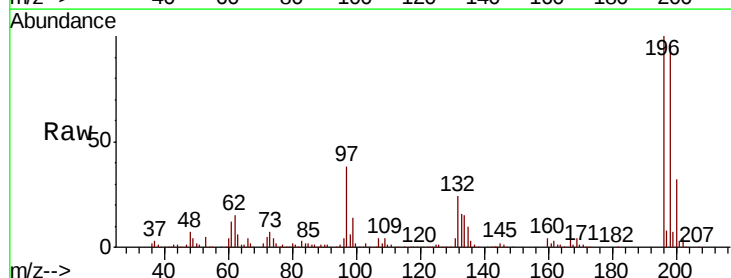
Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

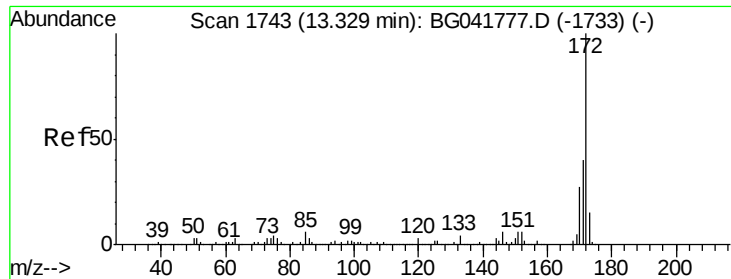
Tgt Ion:196 Resp: 253451
 Ion Ratio Lower Upper
 196 100
 198 97.4 79.6 119.4
 200 31.9 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 44.961 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion:196 Resp: 276645
 Ion Ratio Lower Upper
 196 100
 198 96.0 80.6 121.0
 97 38.2 33.9 50.9
 132 23.7 20.2 30.2

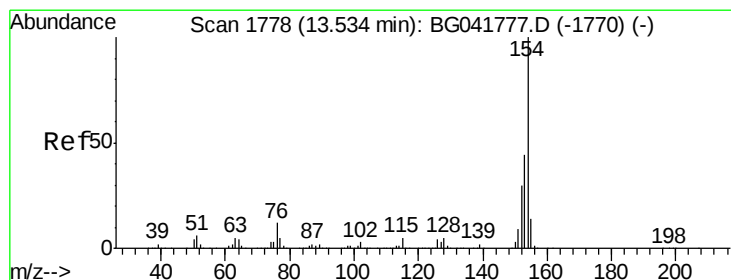
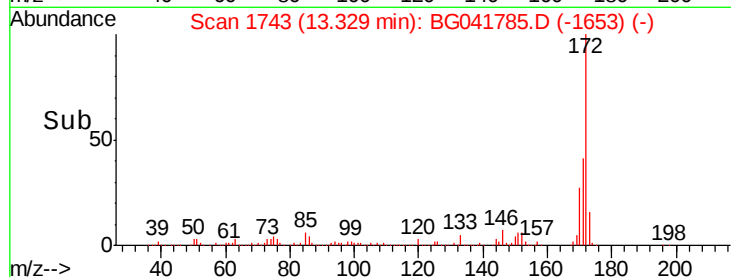
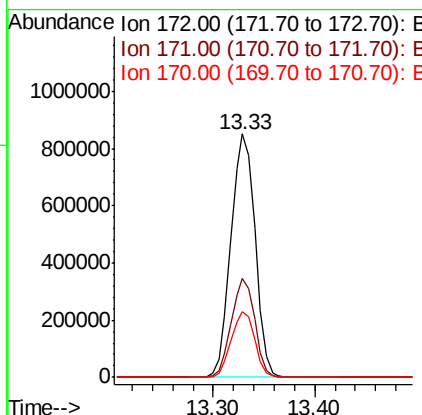
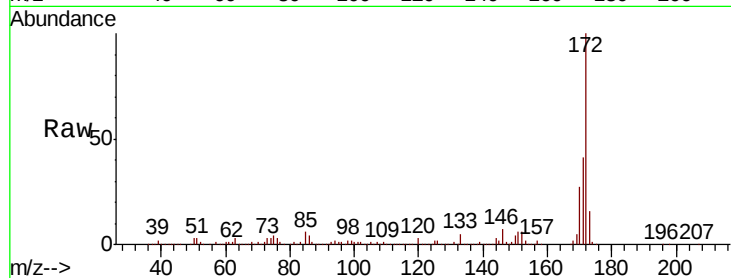




#45
 2-Fluorobiphenyl
 Concen: 83.657 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

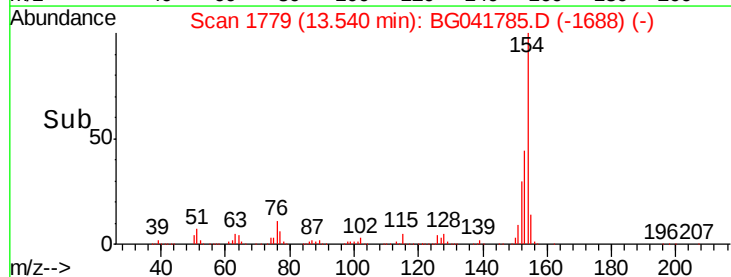
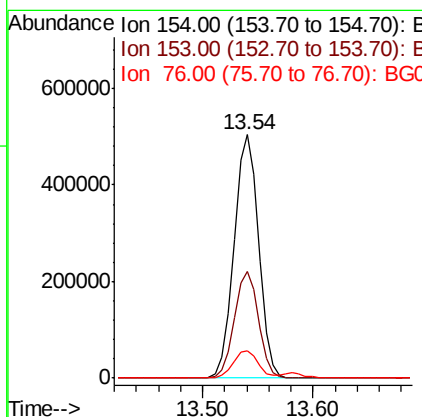
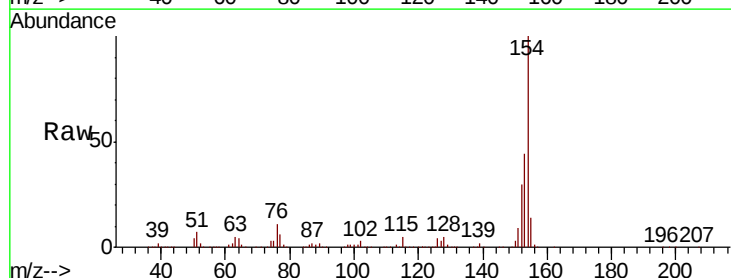
Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

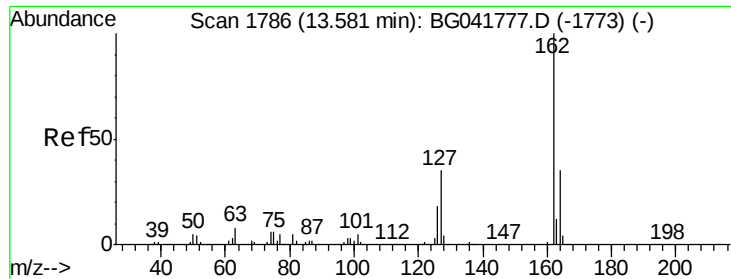
Tgt Ion:172 Resp: 1403730
 Ion Ratio Lower Upper
 172 100
 171 40.6 35.0 52.4
 170 27.2 23.5 35.3



#46
 1,1'-Biphenyl
 Concen: 41.271 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion:154 Resp: 785147
 Ion Ratio Lower Upper
 154 100
 153 44.0 25.0 65.0
 76 11.2 0.0 34.5

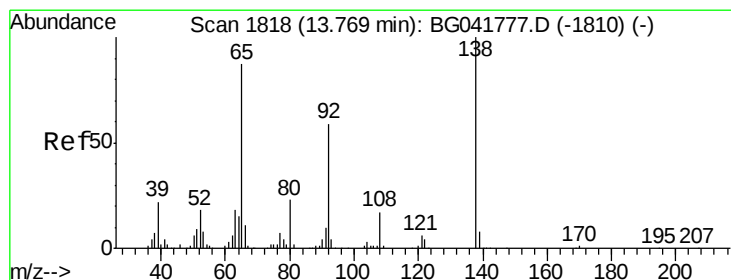
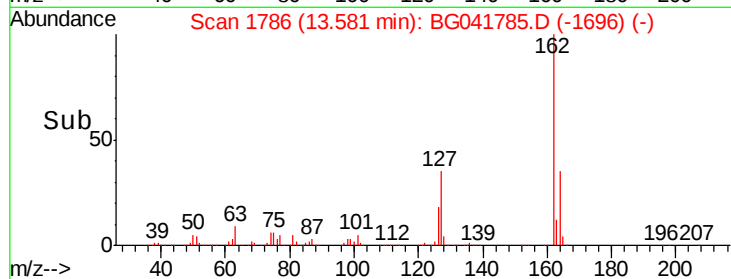
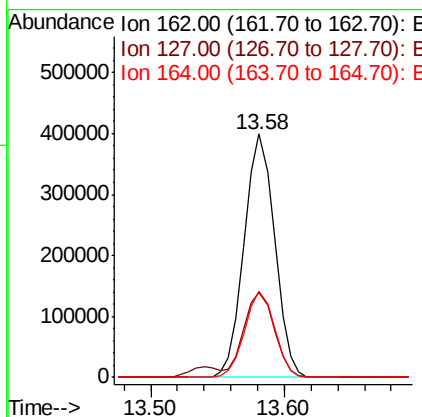
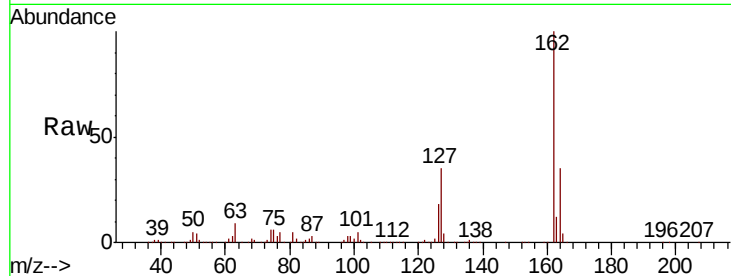




#47
2-Chloronaphthalene
Concen: 38.862 ng
RT: 13.58 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

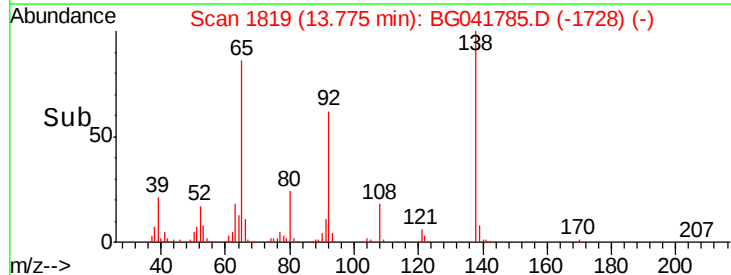
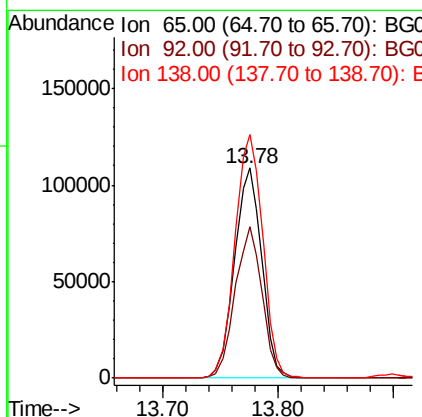
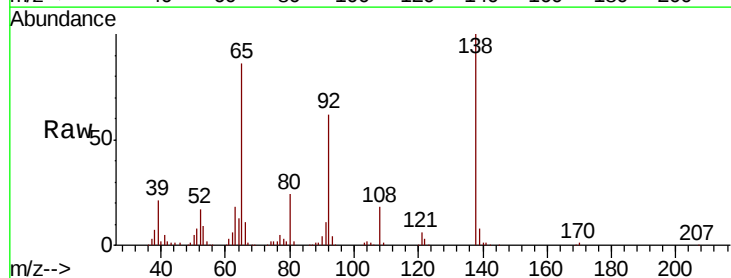
Instrument :
BNA_G
ClientSampleId :
PB121703BS

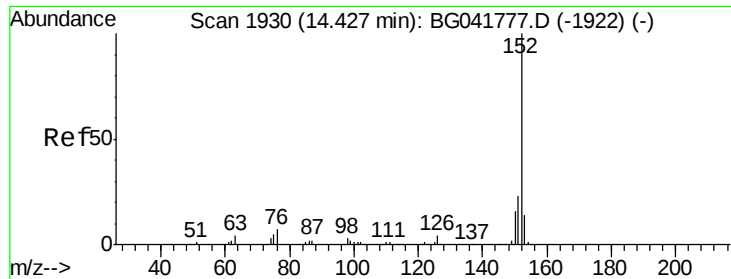
Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.4	45.6
164	35.3	28.6	42.8



#48
2-Nitroaniline
Concen: 43.351 ng
RT: 13.78 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	53.9	80.9
138	115.8	83.5	125.3





#49

Acenaphthylene

Concen: 41.383 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

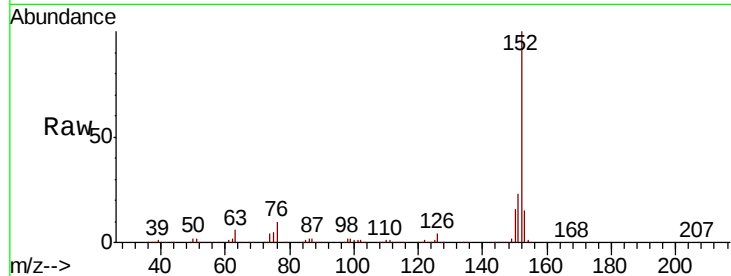
Tgt Ion:152 Resp: 1002636

Ion Ratio Lower Upper

152 100

151 22.6 18.7 28.1

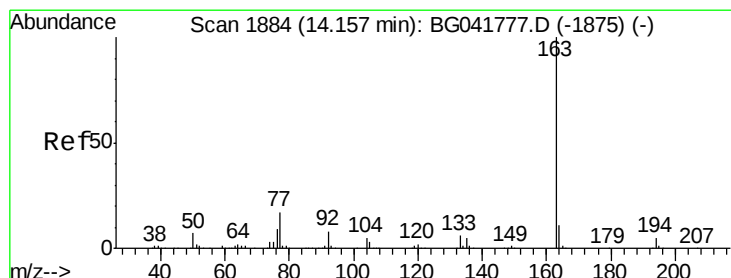
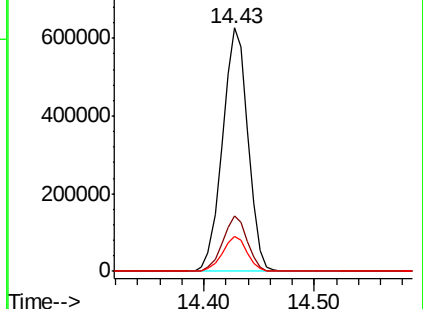
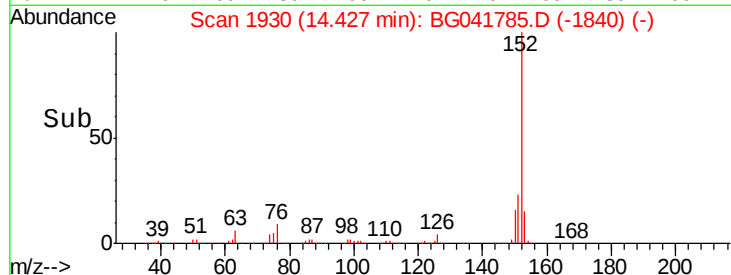
153 14.5 12.4 18.6



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: 41.700 ng

RT: 14.16 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

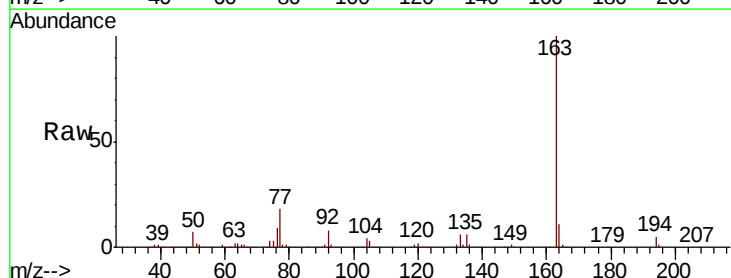
Tgt Ion:163 Resp: 842836

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

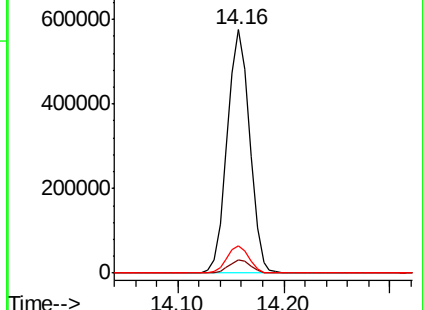
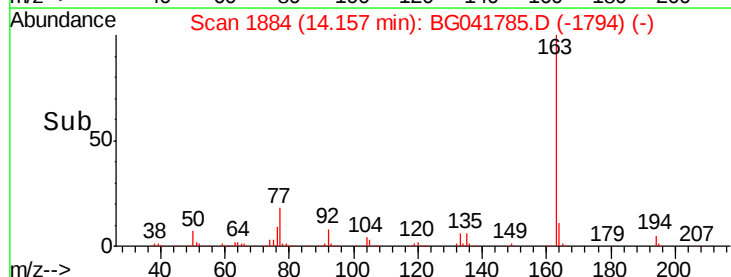
164 11.4 9.4 14.2

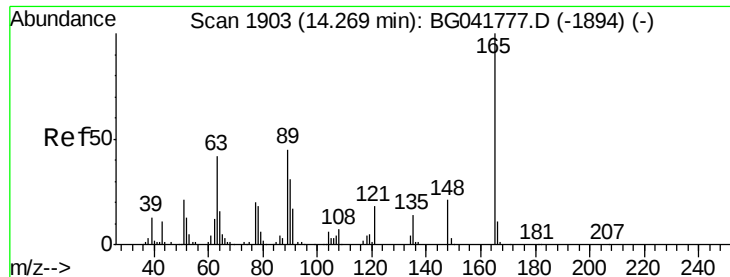


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

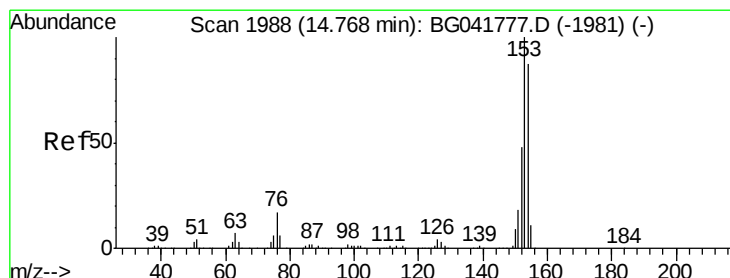
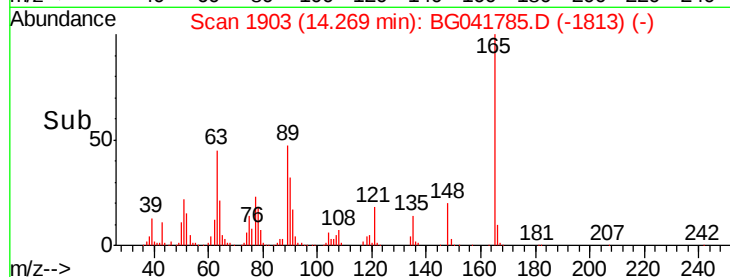
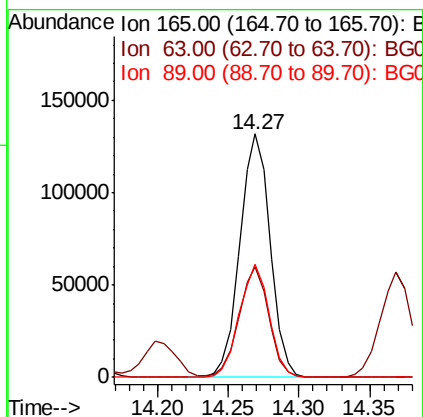
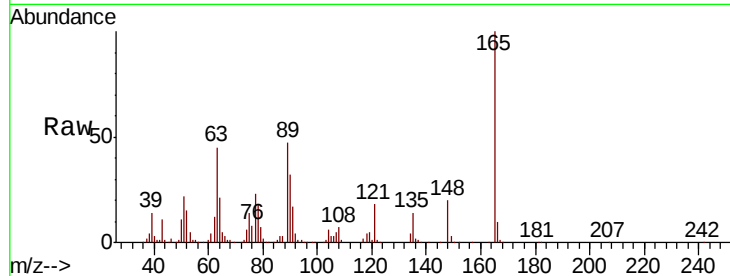




#51
2,6-Dinitrotoluene
Concen: 46.628 ng
RT: 14.27 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

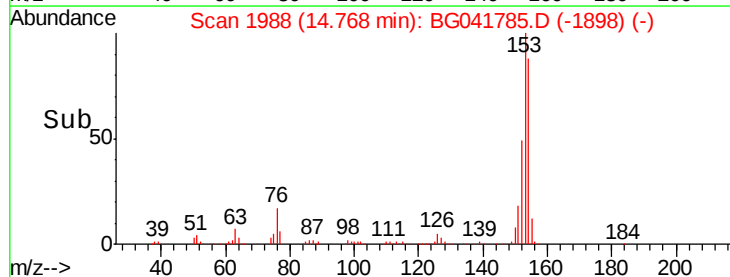
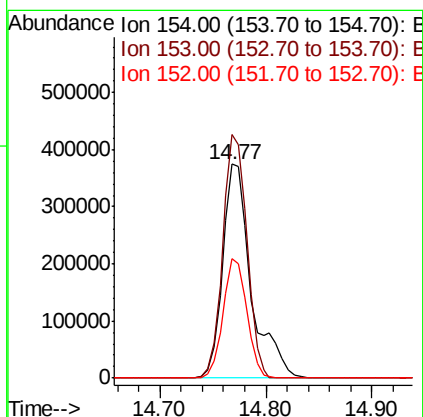
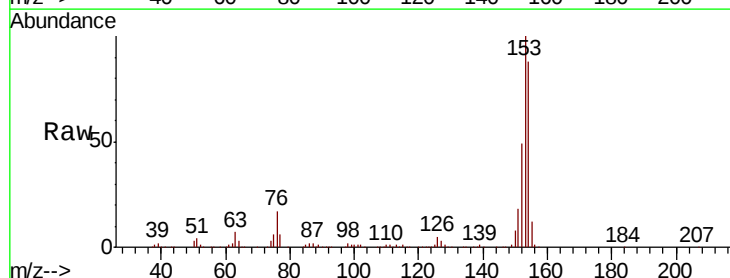
Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tgt Ion:165 Resp: 197066
Ion Ratio Lower Upper
165 100
63 45.4 42.4 63.6
89 46.6 42.1 63.1



#52
Acenaphthene
Concen: 44.529 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:154 Resp: 701686
Ion Ratio Lower Upper
154 100
153 114.0 89.8 134.6
152 56.0 44.9 67.3





#53

3-Nitroaniline

Concen: 30.225 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

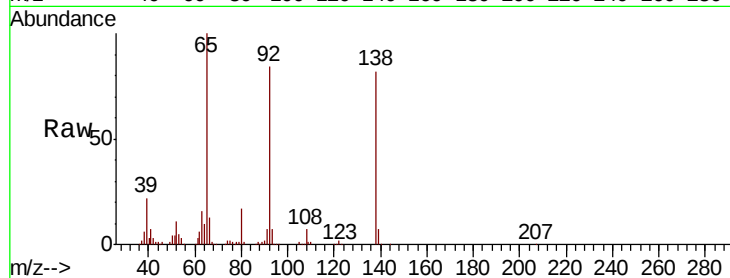
Tgt Ion:138 Resp: 136659

Ion Ratio Lower Upper

138 100

108 9.0 10.3 15.5#

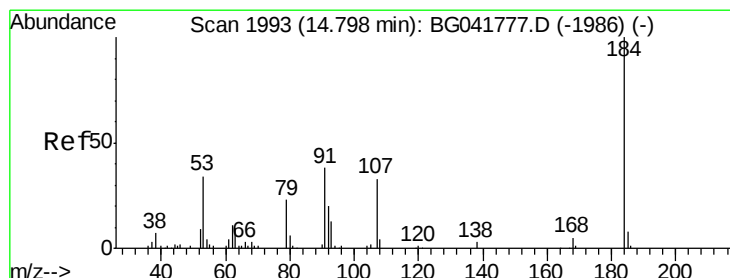
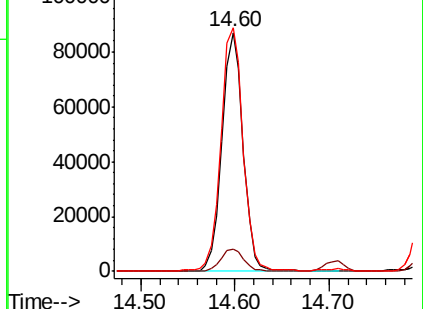
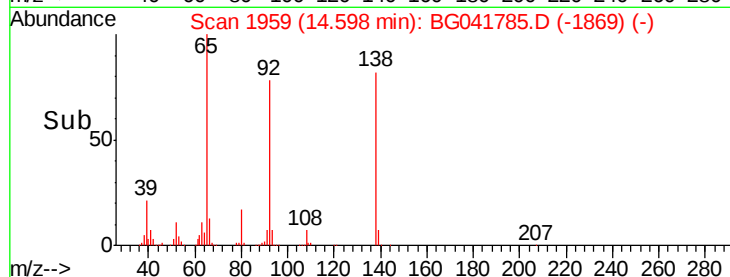
92 101.9 93.0 139.4



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: 83.566 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

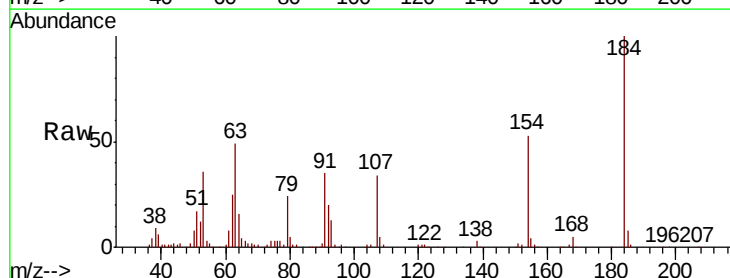
Tgt Ion:184 Resp: 217868

Ion Ratio Lower Upper

184 100

63 49.0 43.2 64.8

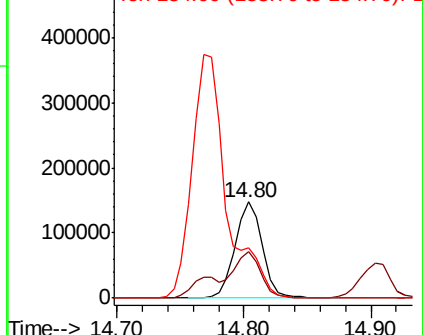
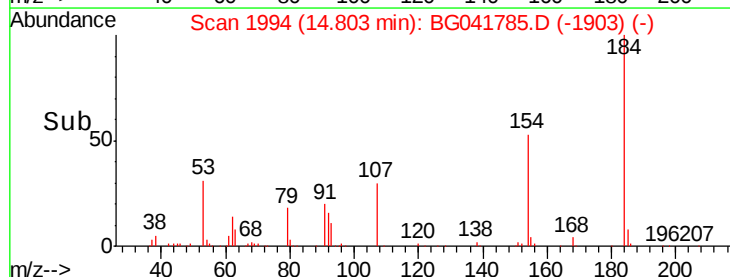
154 53.0 51.4 77.2

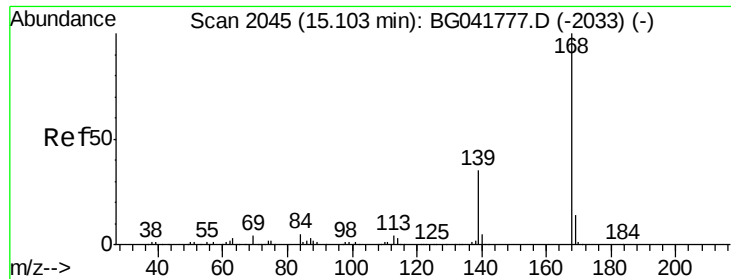


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

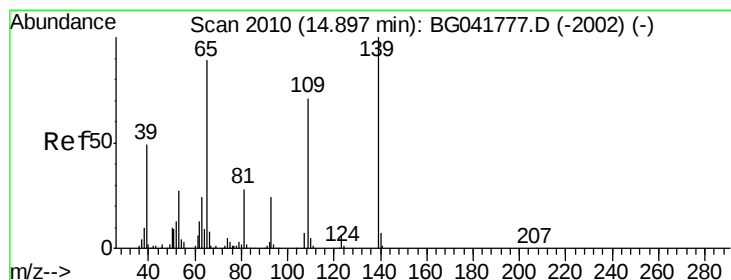
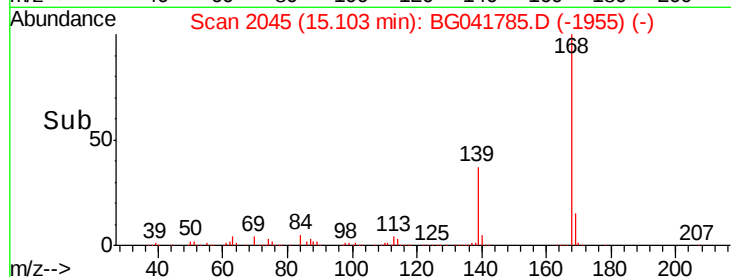
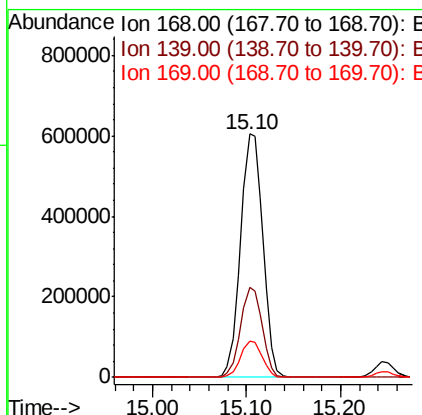
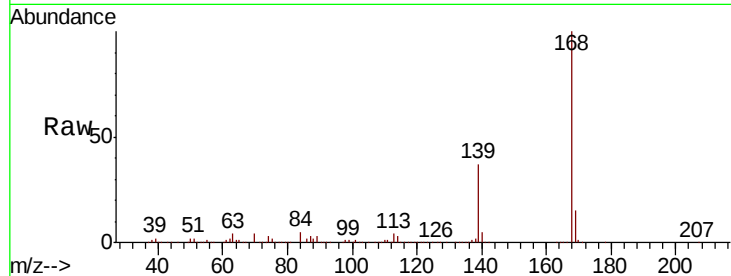




#55
Dibenzenofuran
Concen: 41.195 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

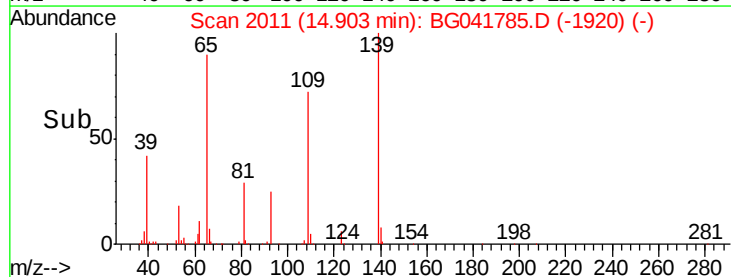
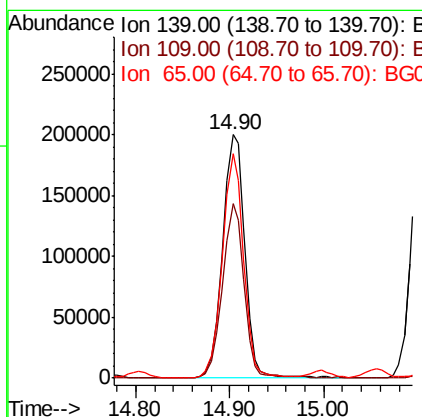
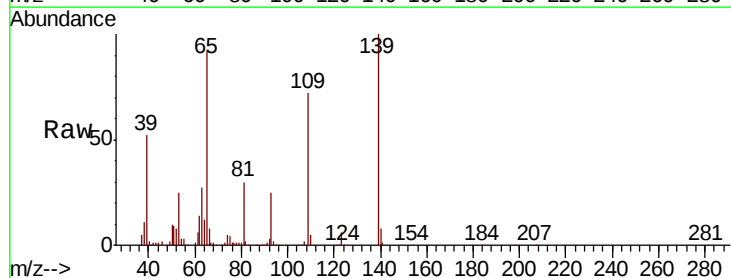
Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tgt Ion:168 Resp: 992914
Ion Ratio Lower Upper
168 100
139 36.8 31.9 47.9
169 15.0 12.5 18.7



#56
4-Nitrophenol
Concen: 96.286 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:139 Resp: 330459
Ion Ratio Lower Upper
139 100
109 71.7 51.3 91.3
65 91.9 77.6 117.6

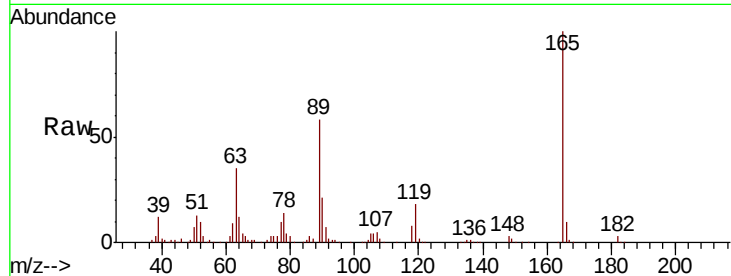




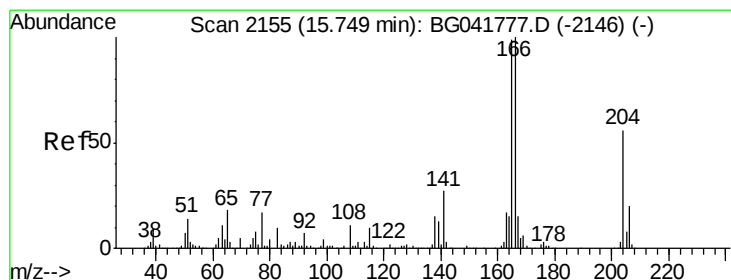
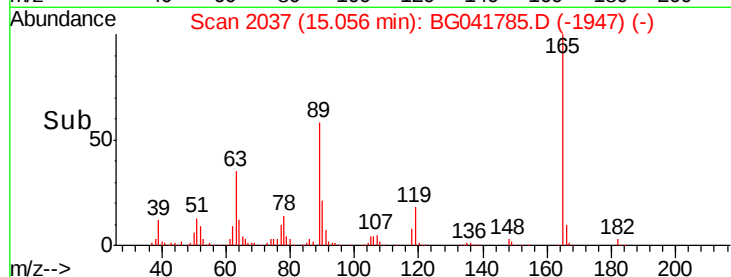
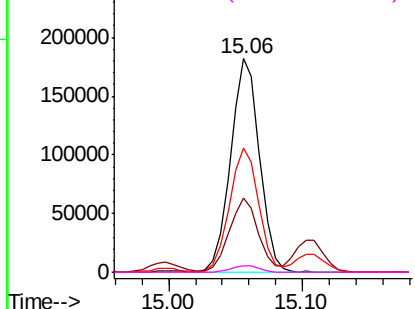
#57
 2,4-Dinitrotoluene
 Concen: 47.122 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tgt Ion:165 Resp: 273878
 Ion Ratio Lower Upper
 165 100
 63 34.8 31.7 47.5
 89 58.3 50.2 75.4
 182 3.3 2.6 4.0

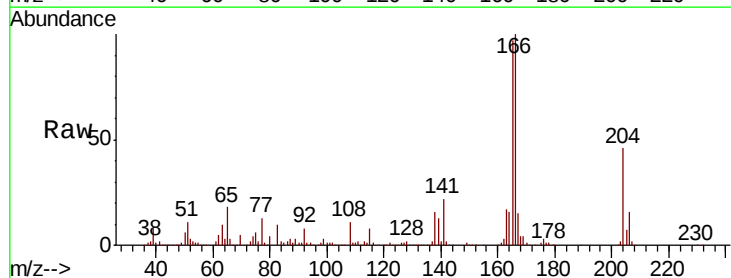


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

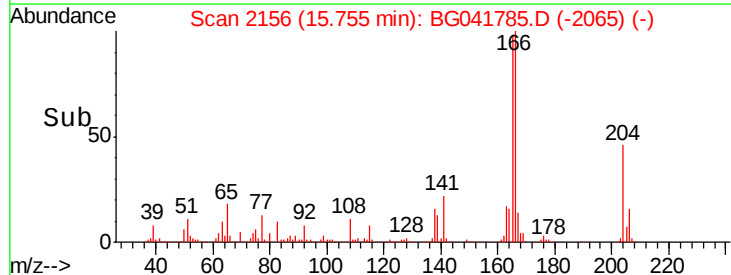
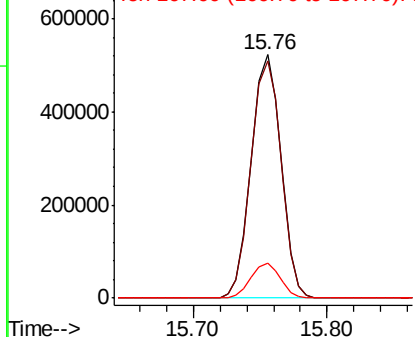


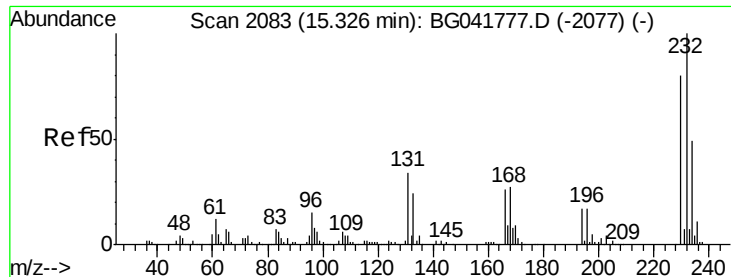
#58
 Fluorene
 Concen: 41.557 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion:166 Resp: 803811
 Ion Ratio Lower Upper
 166 100
 165 97.4 80.5 120.7
 167 14.5 12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

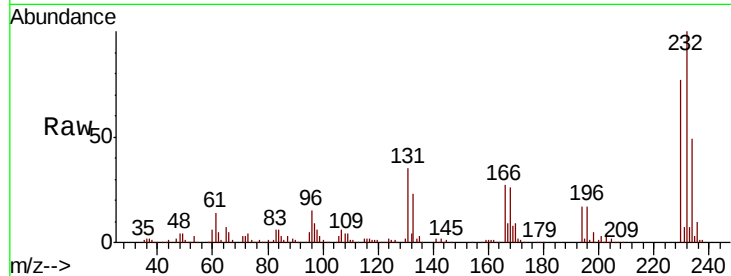




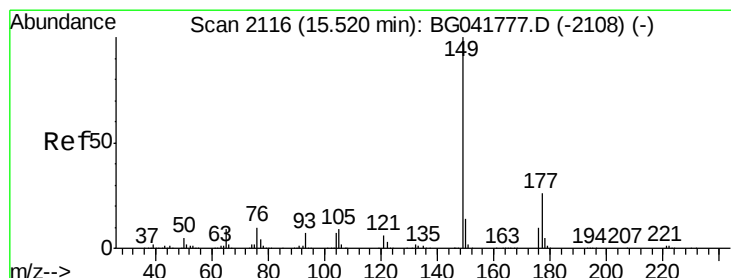
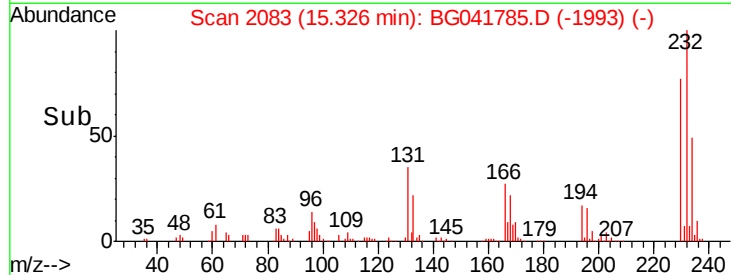
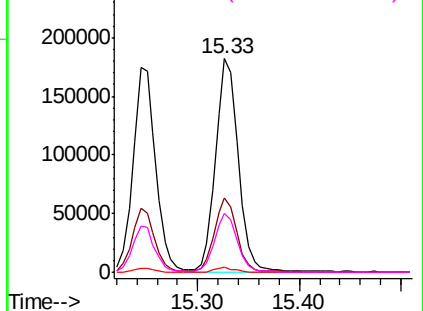
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.299 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tgt Ion:	232	Resp:	282144
Ion	Ratio	Lower	Upper
232	100		
131	34.5	31.8	47.6
130	2.0	1.8	2.8
166	27.4	23.5	35.3

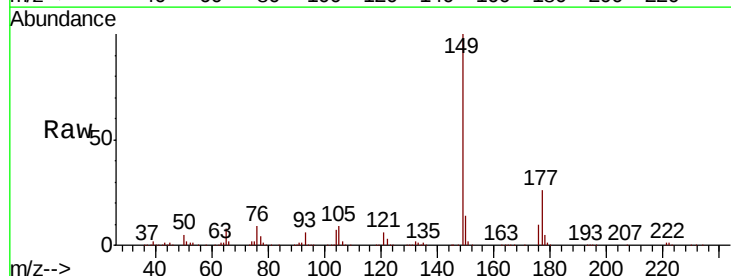


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

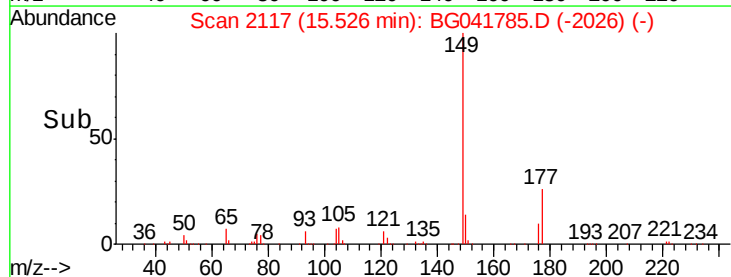
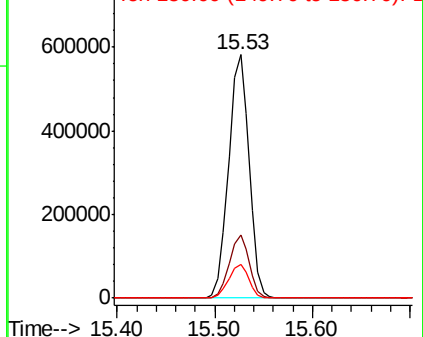


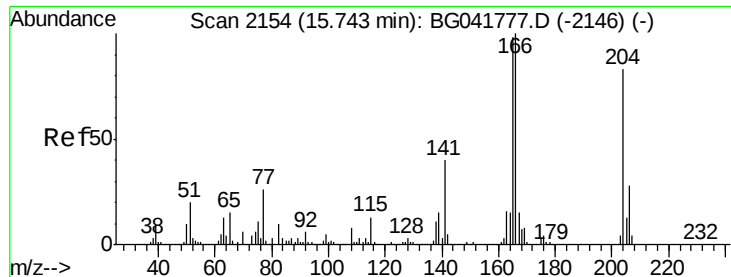
#60
 Diethylphthalate
 Concen: 42.464 ng
 RT: 15.53 min Scan# 2117
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion:	149	Resp:	842631
Ion	Ratio	Lower	Upper
149	100		
177	25.8	20.7	31.1
150	13.9	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

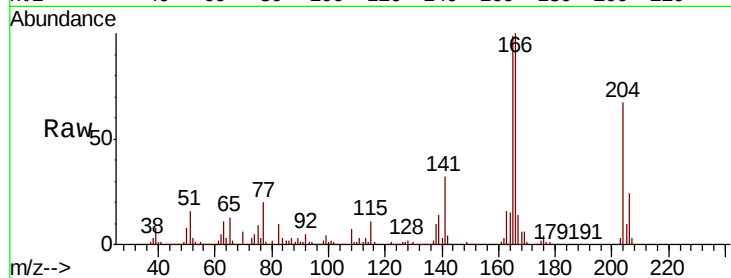




#61
 4-Chlorophenyl-phenylether
 Concen: 40.666 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.5	28.6	42.8
141	48.3	42.9	64.3

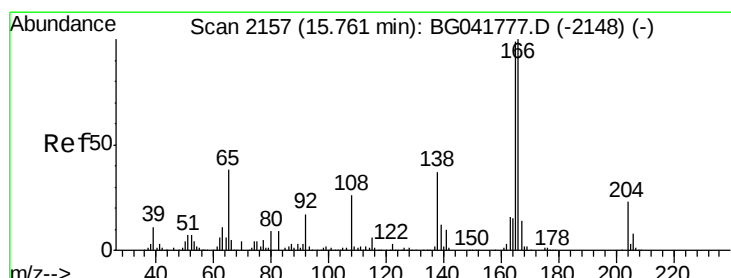
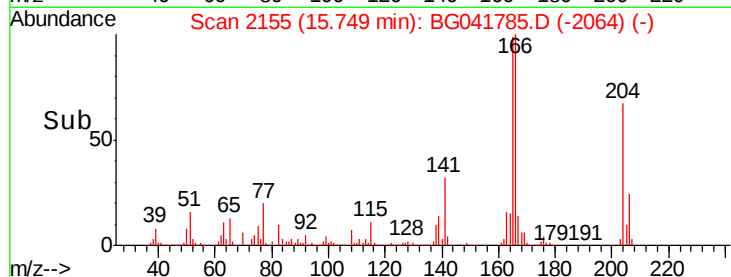
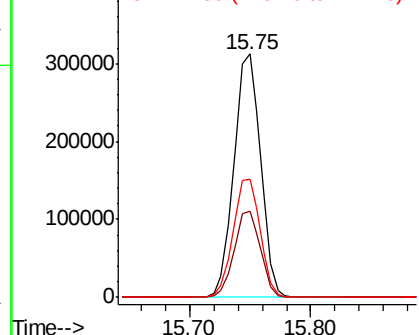


Abundance

Ion 204.00 (203.70 to 204.70): E

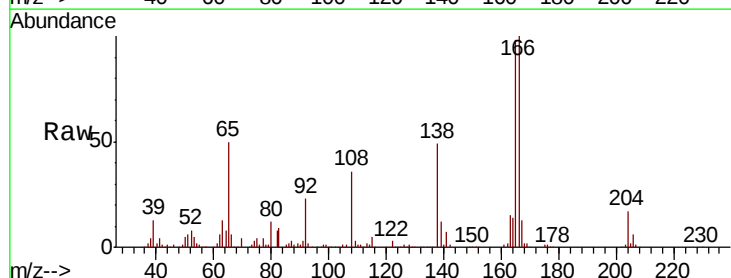
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 41.121 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	29.8	69.8
108	74.3	52.2	92.2

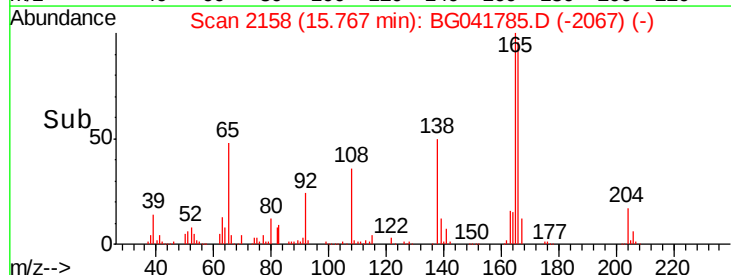
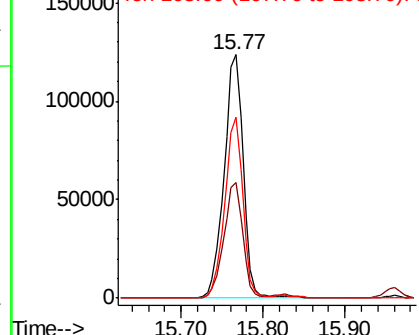


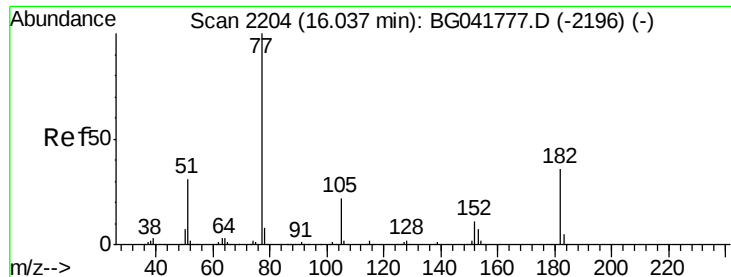
Abundance

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: 41.145 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

Tgt Ion: 77 Resp: 666953

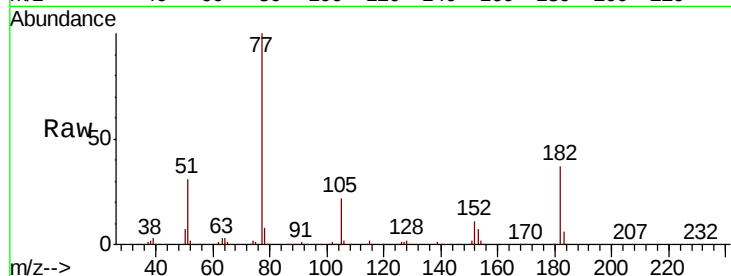
Ion Ratio Lower Upper

77 100

182 37.3 13.2 53.2

105 22.1 2.2 42.2

51 30.9 14.6 54.6

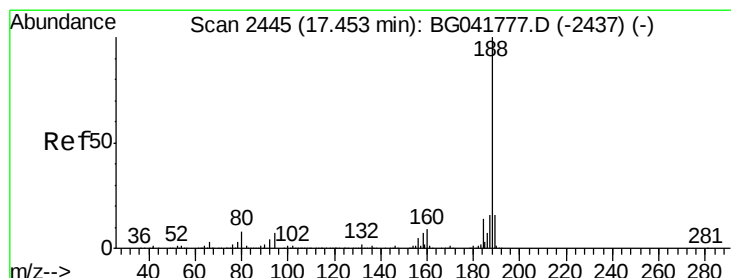
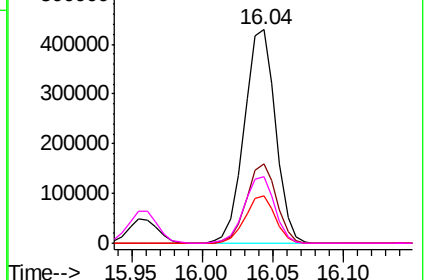
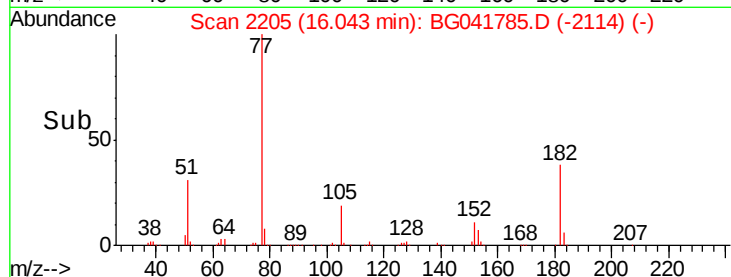


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.46 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

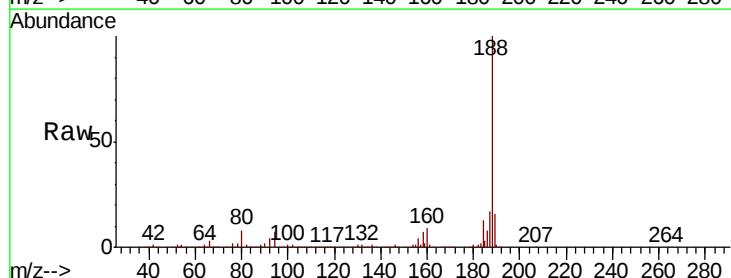
Tgt Ion: 188 Resp: 658261

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

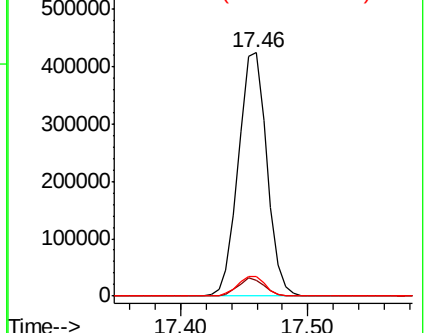
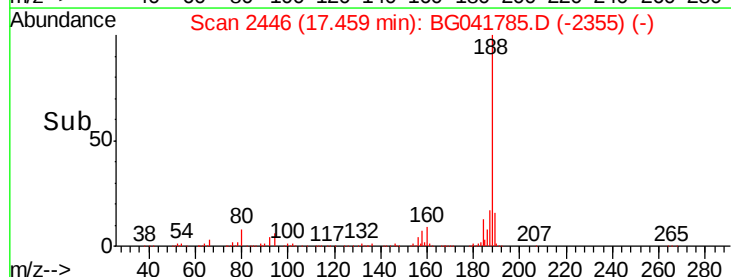
80 8.0 8.0 12.0#

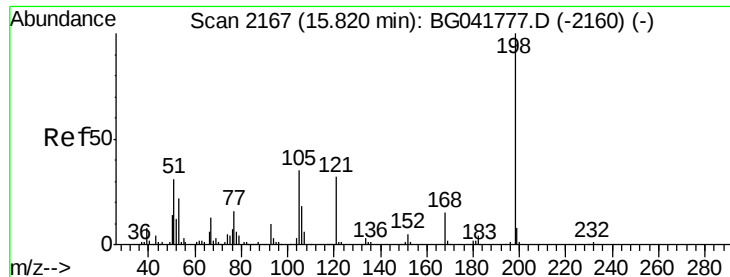


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

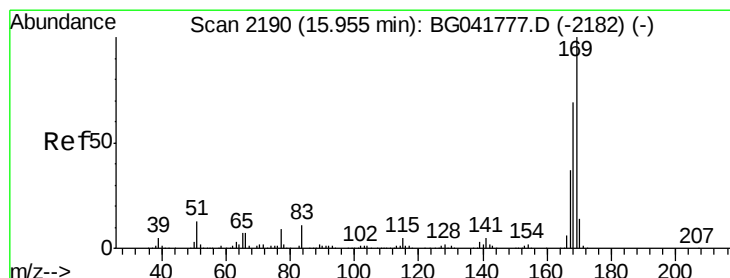
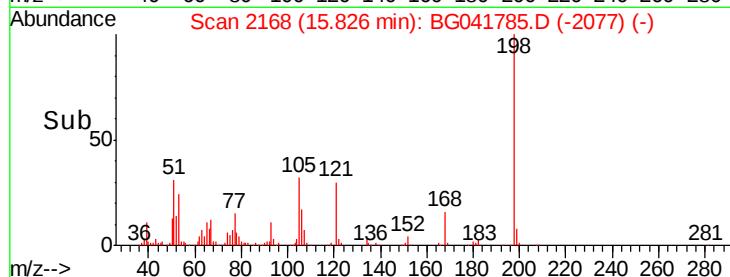
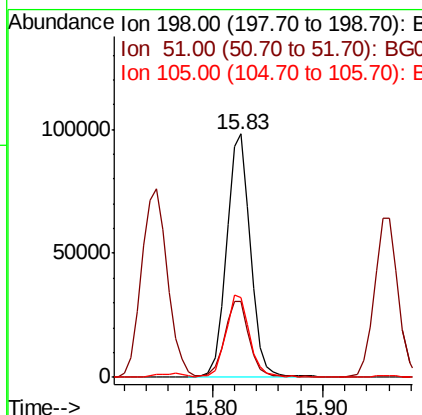
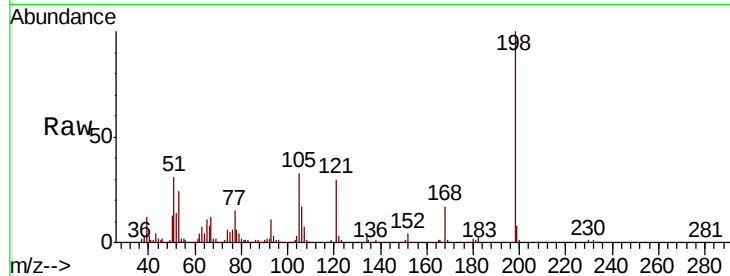




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.238 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

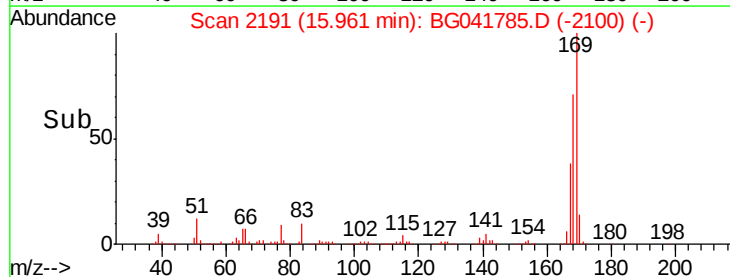
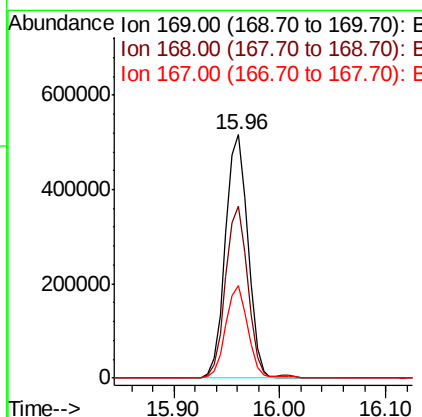
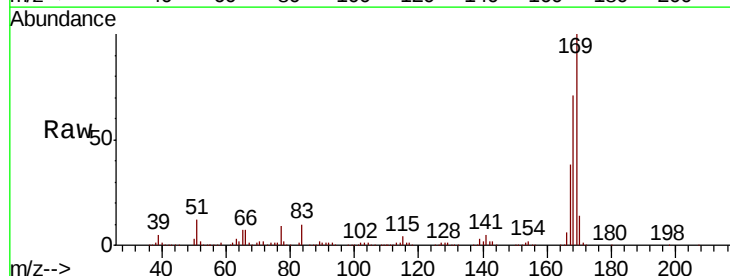
Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

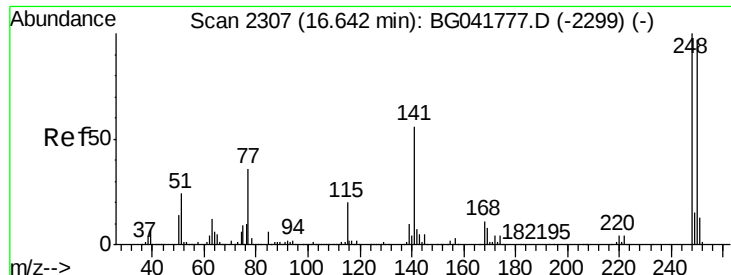
Tgt Ion:198 Resp: 148022
 Ion Ratio Lower Upper
 198 100
 51 31.1 22.3 62.3
 105 32.6 18.0 58.0



#66
 n-Nitrosodiphenylamine
 Concen: 42.391 ng
 RT: 15.96 min Scan# 2191
 Delta R.T. 0.01 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion:169 Resp: 760095
 Ion Ratio Lower Upper
 169 100
 168 70.7 56.9 85.3
 167 38.0 31.5 47.3

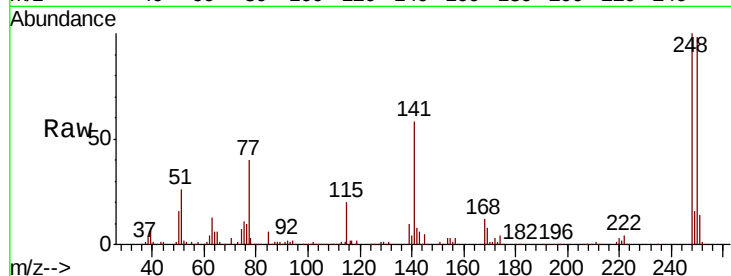




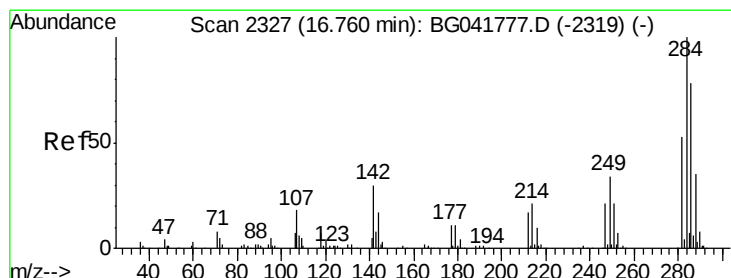
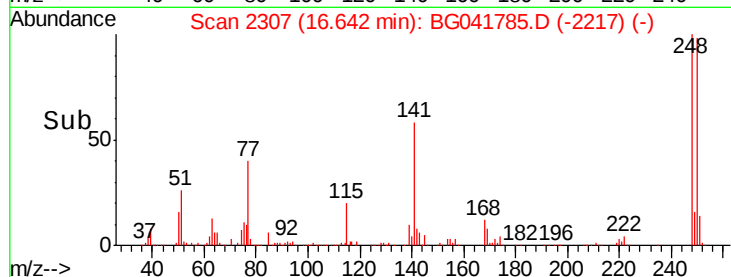
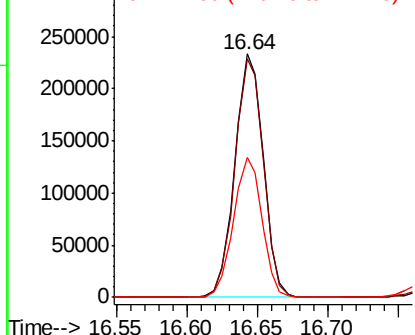
#67
4-Bromophenyl-phenylether
Concen: 40.426 ng
RT: 16.64 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tgt Ion:248 Resp: 327794
Ion Ratio Lower Upper
248 100
250 98.2 78.1 117.1
141 57.6 49.6 74.4

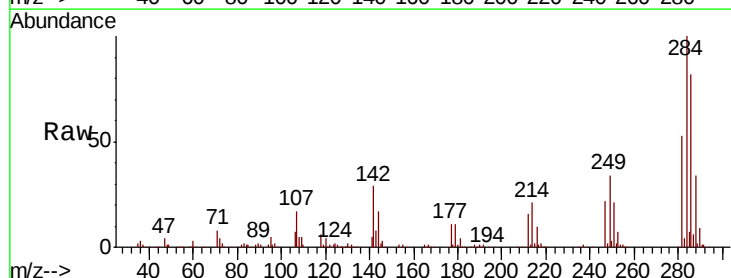


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

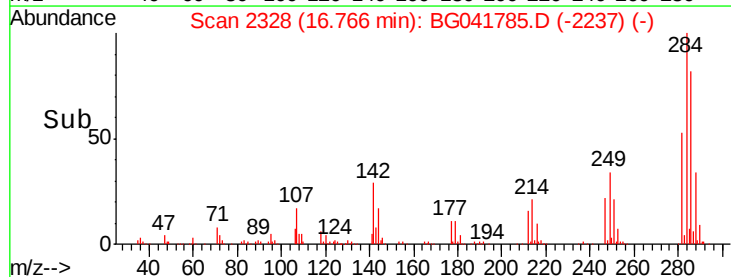
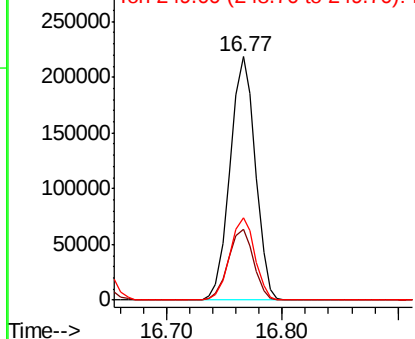


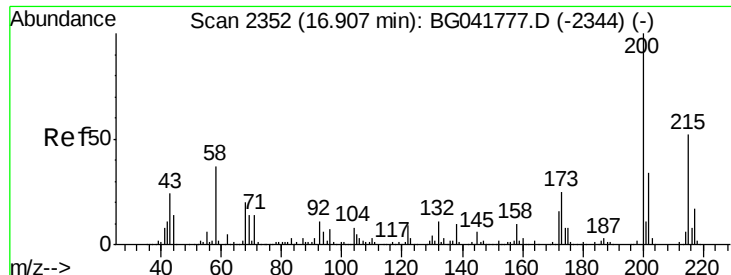
#68
Hexachlorobenzene
Concen: 38.939 ng
RT: 16.77 min Scan# 2328
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:284 Resp: 330312
Ion Ratio Lower Upper
284 100
142 29.1 27.0 40.6
249 33.6 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: 43.156 ng

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

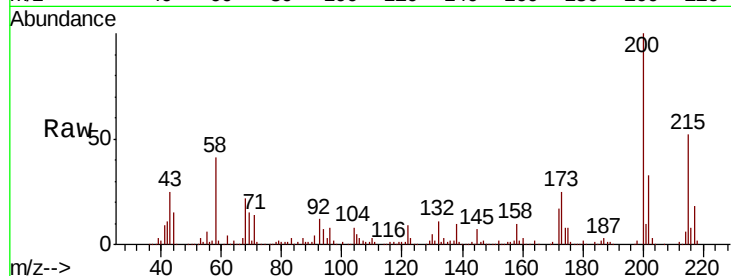
Tgt Ion:200 Resp: 304038

Ion Ratio Lower Upper

200 100

173 25.4 5.3 45.3

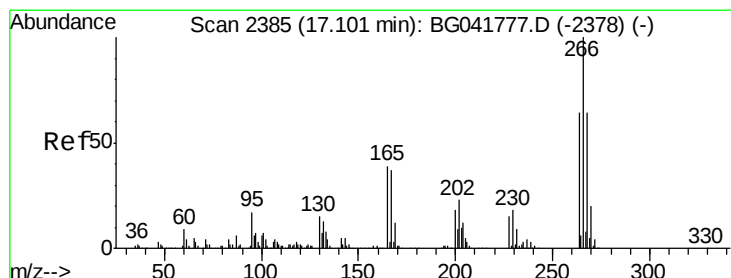
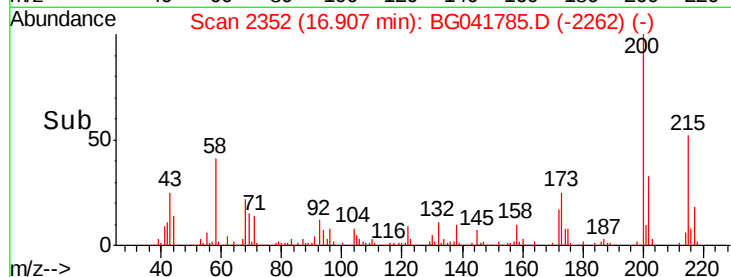
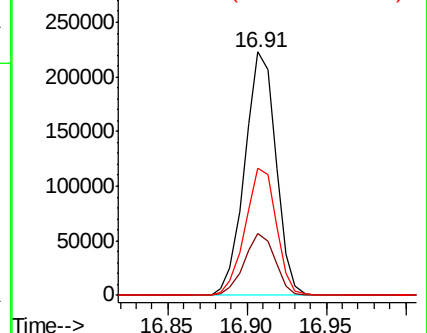
215 52.1 31.8 71.8



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: 91.879 ng

RT: 17.11 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

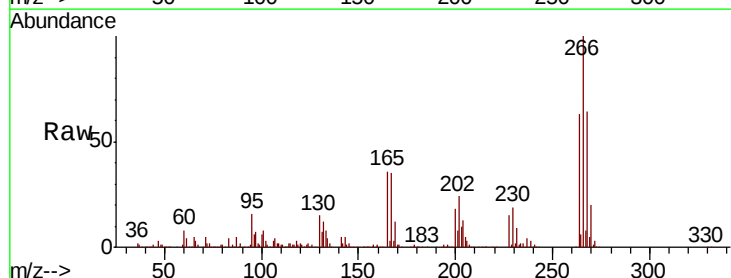
Tgt Ion:266 Resp: 442762

Ion Ratio Lower Upper

266 100

268 63.7 52.9 79.3

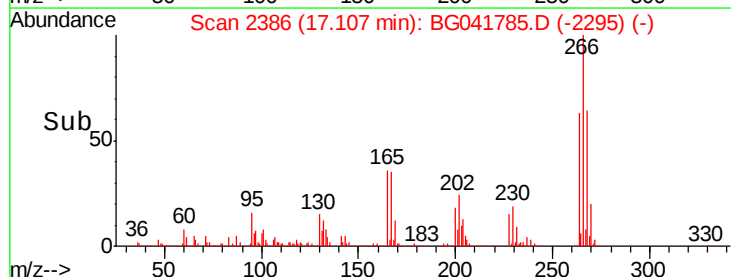
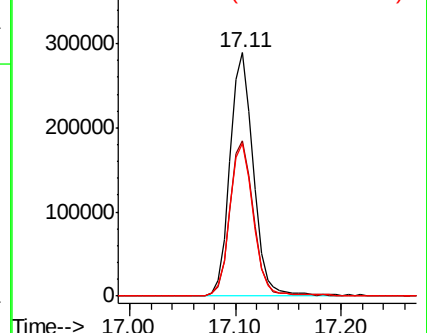
264 62.7 51.4 77.2

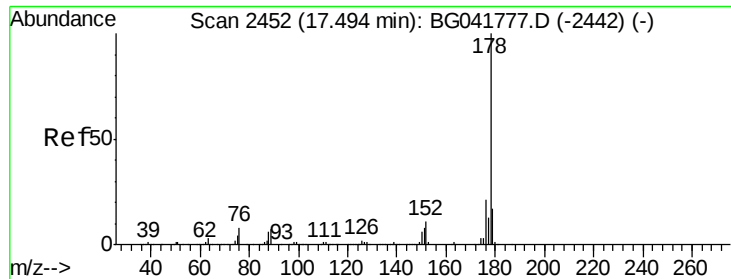


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

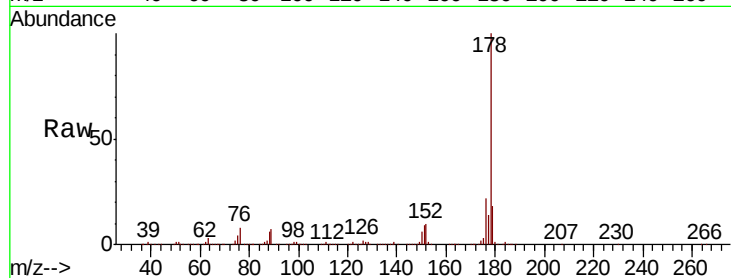




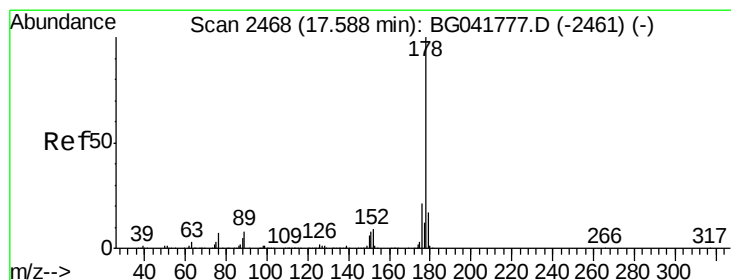
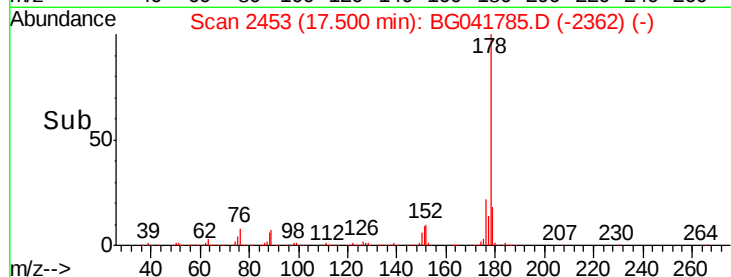
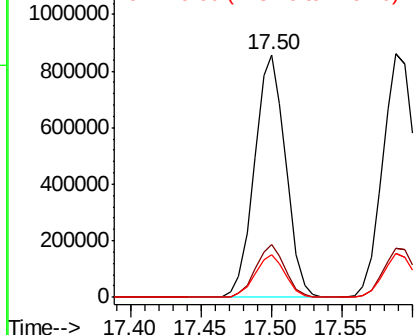
#71
Phenanthrene
Concen: 41.976 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tgt Ion:178 Resp: 1324448
Ion Ratio Lower Upper
178 100
176 21.8 18.6 28.0
179 17.6 15.4 23.0

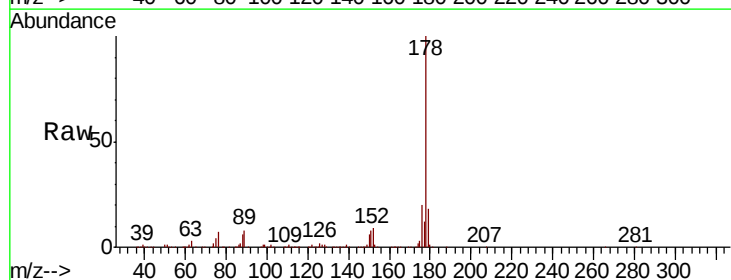


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

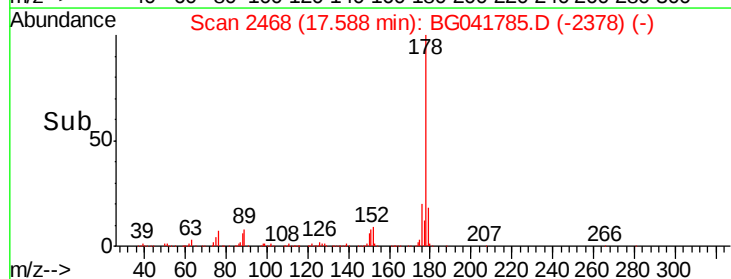
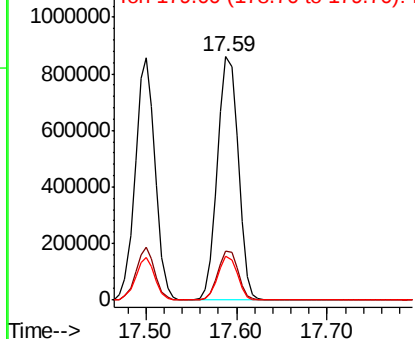


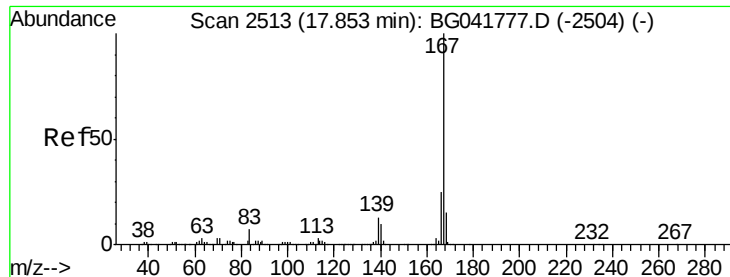
#72
Anthracene
Concen: 43.590 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:178 Resp: 1371703
Ion Ratio Lower Upper
178 100
176 20.3 18.6 28.0
179 17.8 15.1 22.7



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

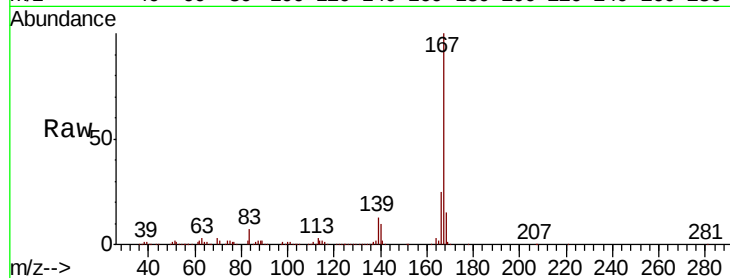




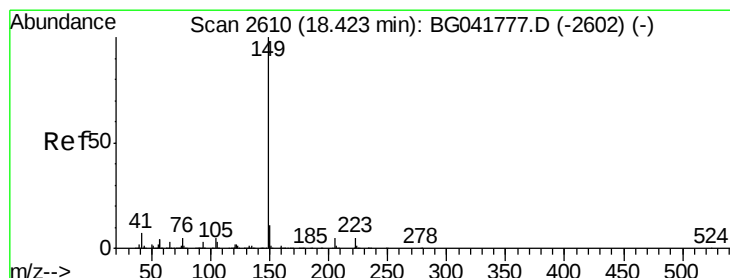
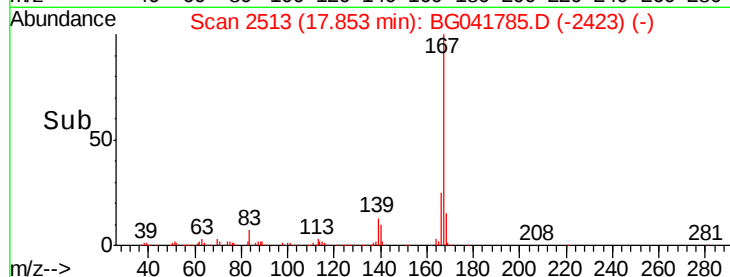
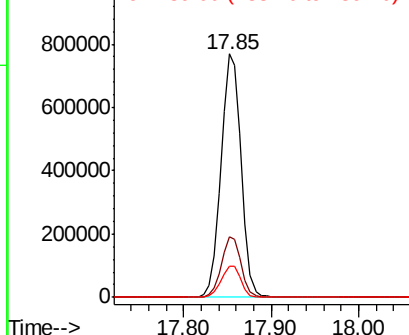
#73
 Carbazole
 Concen: 43.225 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB121703BS

Tgt Ion:167 Resp: 1220844
 Ion Ratio Lower Upper
 167 100
 166 24.8 21.4 32.2
 139 13.0 12.1 18.1

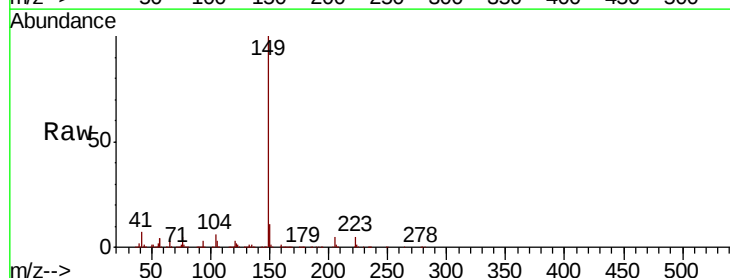


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

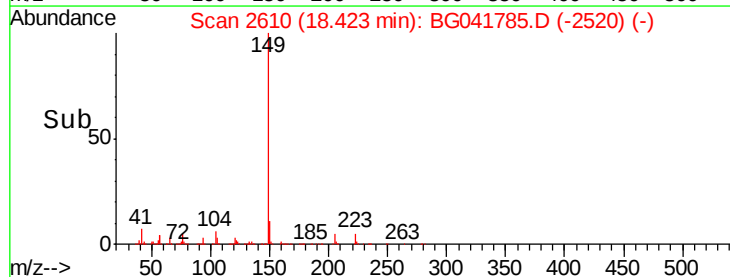
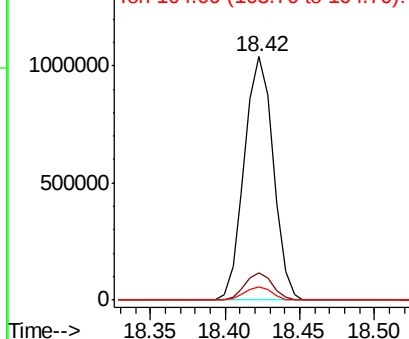


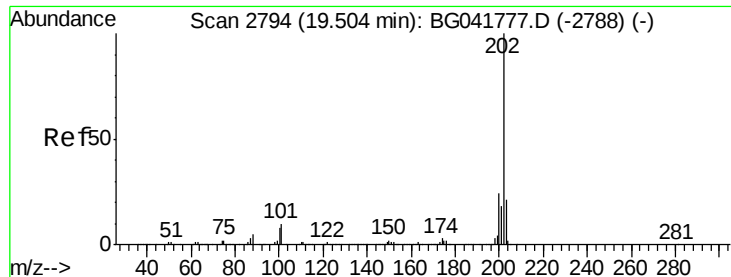
#74
 Di-n-butylphthalate
 Concen: 43.538 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BG041785.D
 Acq: 29 Jul 2019 11:03

Tgt Ion:149 Resp: 1394075
 Ion Ratio Lower Upper
 149 100
 150 11.4 10.2 15.2
 104 5.6 5.3 7.9



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





#75

Fluoranthene

Concen: 43.065 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

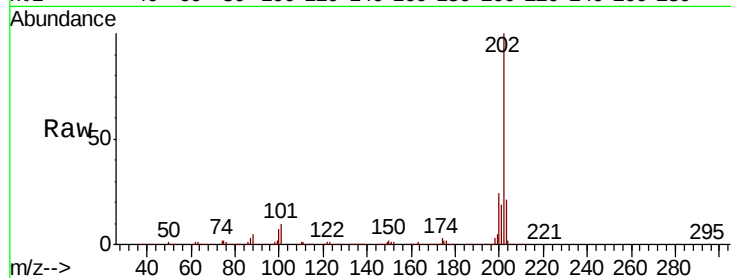
Tgt Ion:202 Resp: 1651652

Ion Ratio Lower Upper

202 100

101 9.6 0.0 32.8

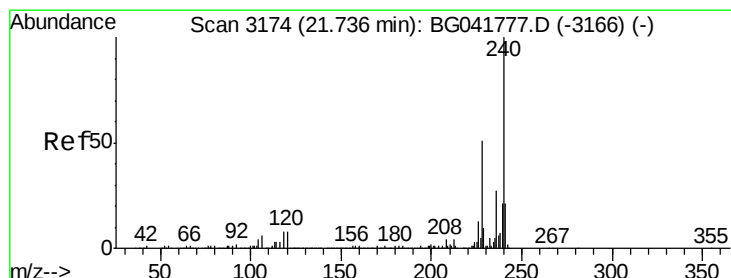
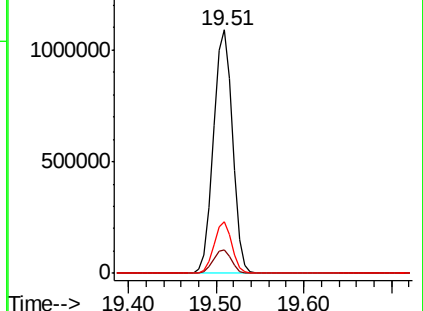
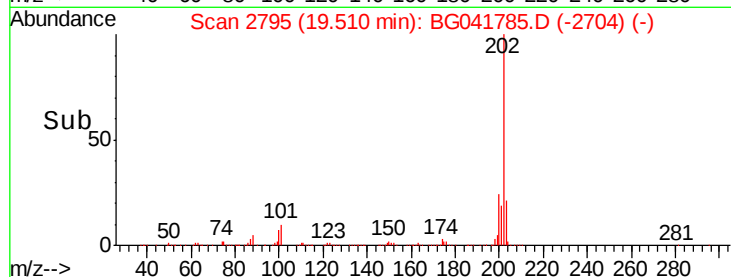
203 21.2 3.7 43.7



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# 3175

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

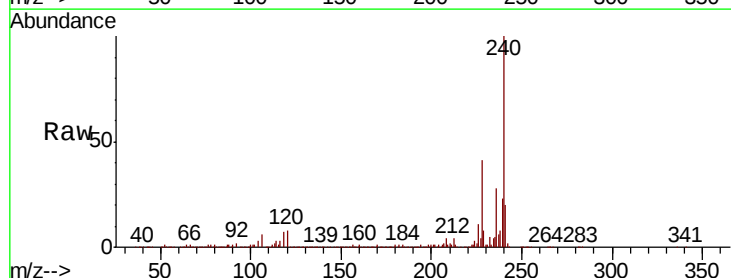
Tgt Ion:240 Resp: 637210

Ion Ratio Lower Upper

240 100

120 7.9 8.0 12.0#

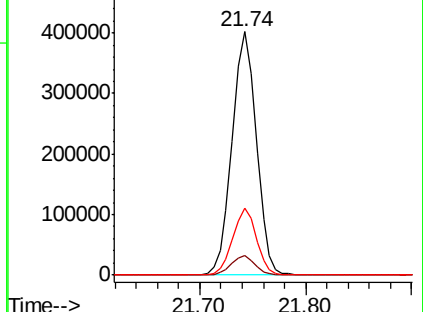
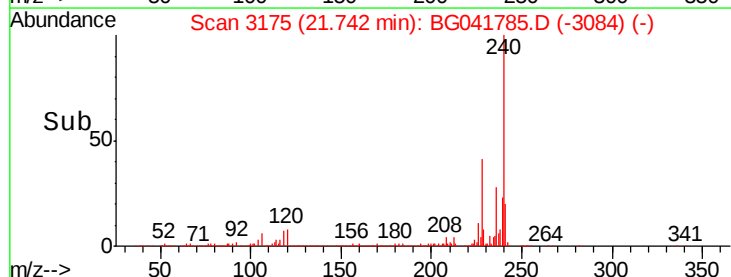
236 27.6 22.6 33.8

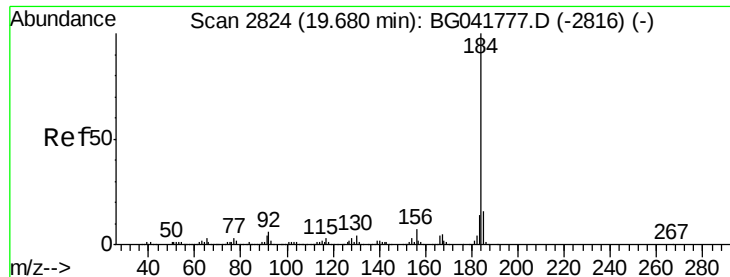


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.058 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

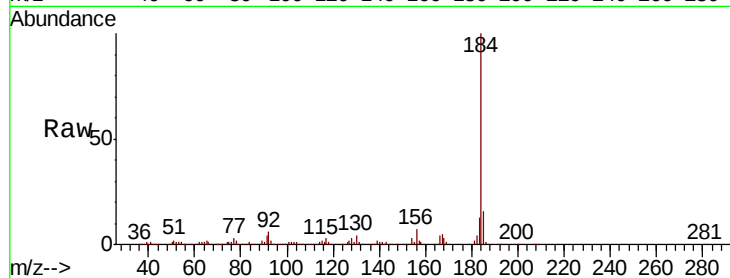
Tgt Ion:184 Resp: 708354

Ion Ratio Lower Upper

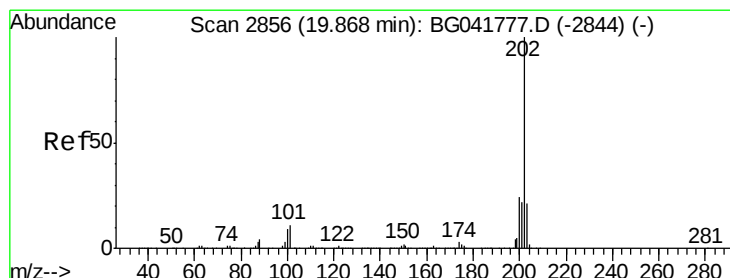
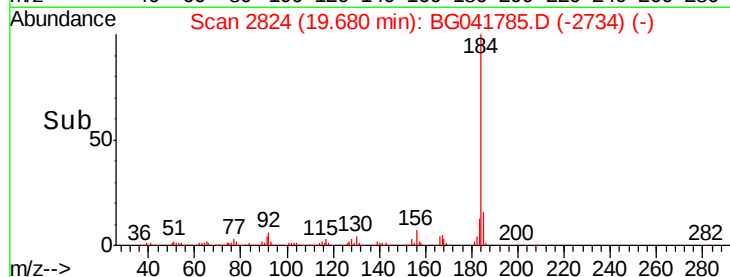
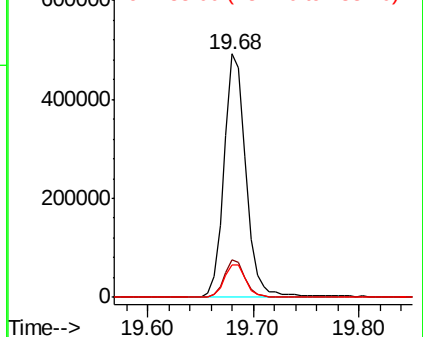
184 100

185 15.6 13.0 19.4

183 13.3 11.8 17.6



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



#78

Pyrene

Concen: 43.370 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

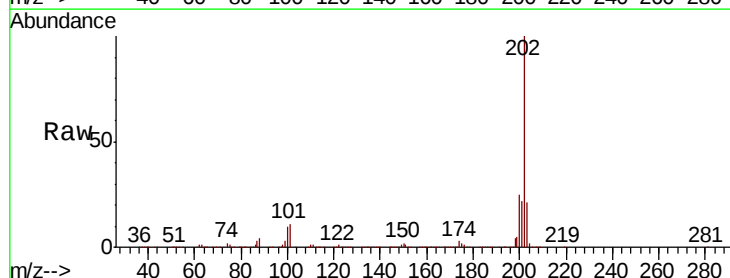
Tgt Ion:202 Resp: 1637379

Ion Ratio Lower Upper

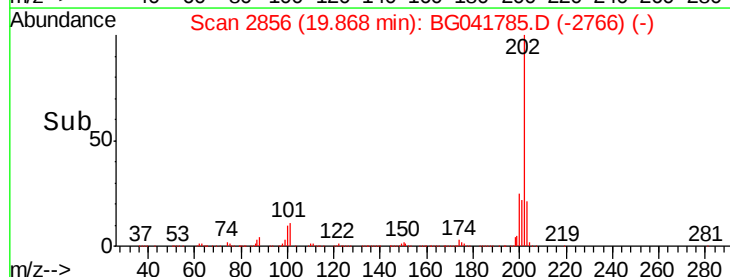
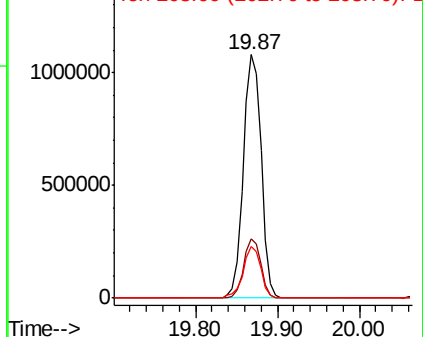
202 100

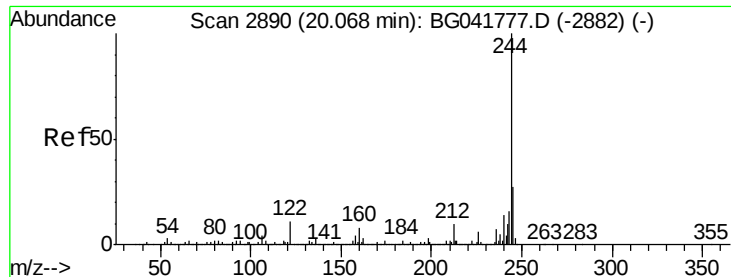
200 24.6 22.2 33.2

203 21.4 18.9 28.3



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





#79

Terphenyl-d14

Concen: 79.909 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

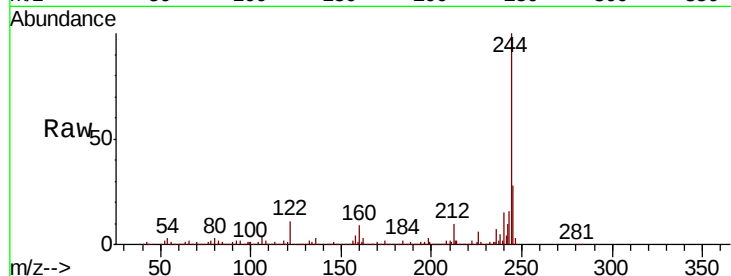
Tgt Ion:244 Resp: 2225230

Ion Ratio Lower Upper

244 100

212 10.0 9.7 14.5

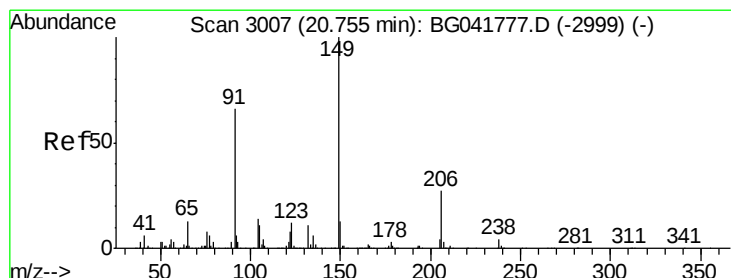
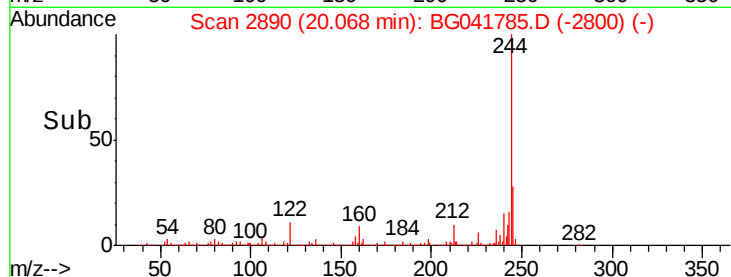
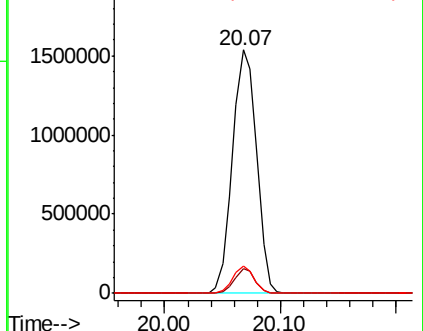
122 11.4 12.5 18.7#



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: 44.734 ng

RT: 20.76 min Scan# 3008

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

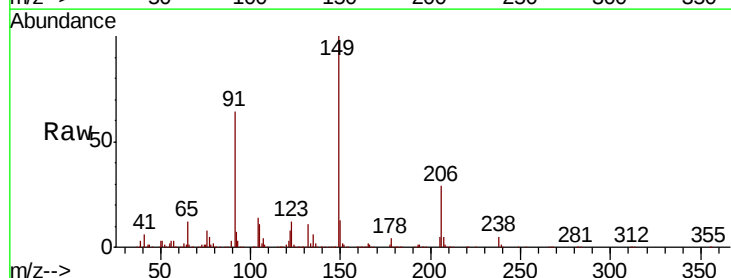
Tgt Ion:149 Resp: 647519

Ion Ratio Lower Upper

149 100

91 64.0 58.9 88.3

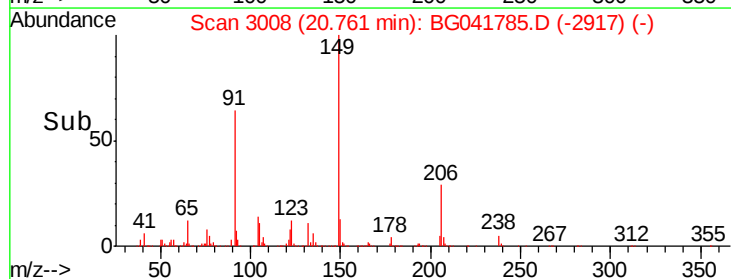
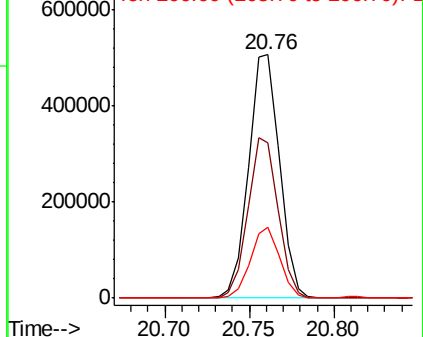
206 29.1 20.8 31.2

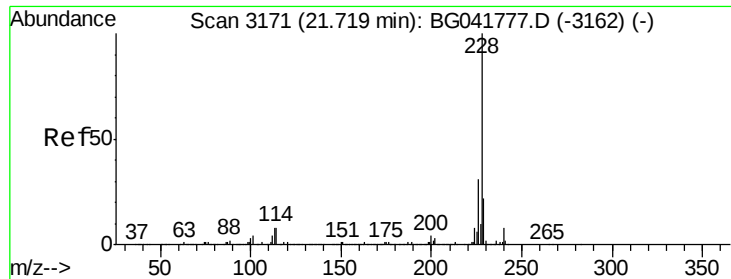


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

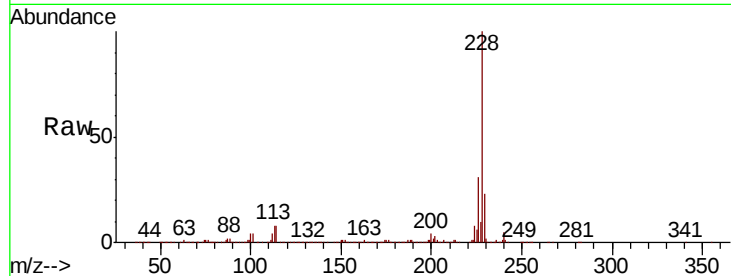




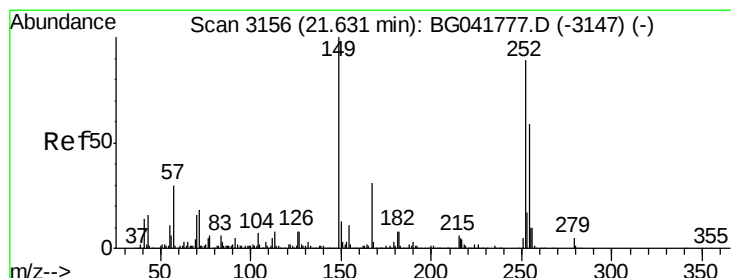
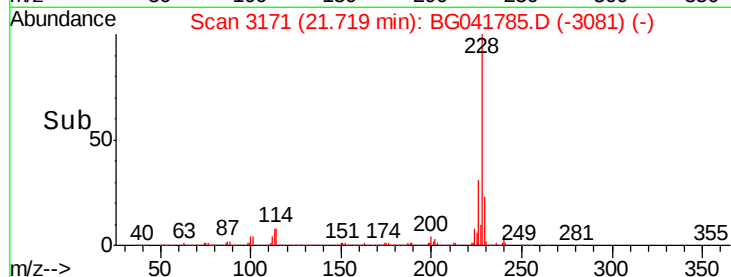
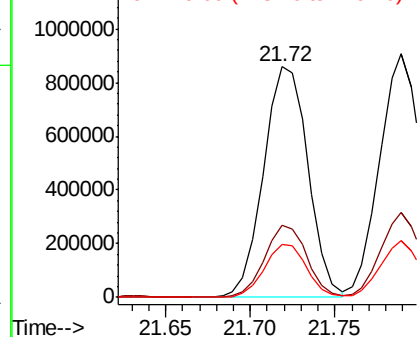
#81
Benzo(a)anthracene
Concen: 41.684 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tgt Ion:228 Resp: 1571503
Ion Ratio Lower Upper
228 100
226 31.0 27.3 40.9
229 23.1 19.7 29.5

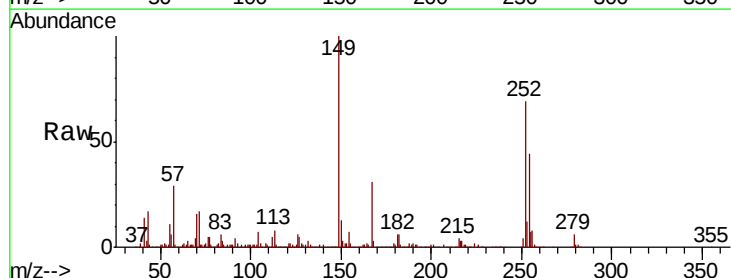


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

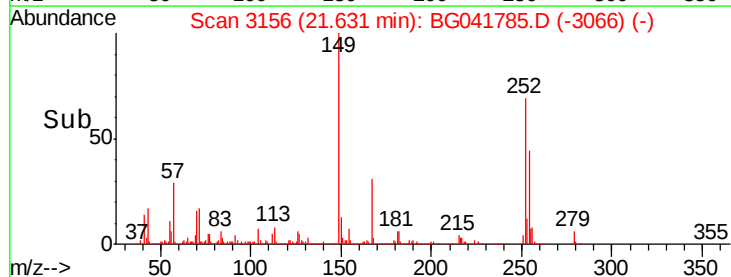
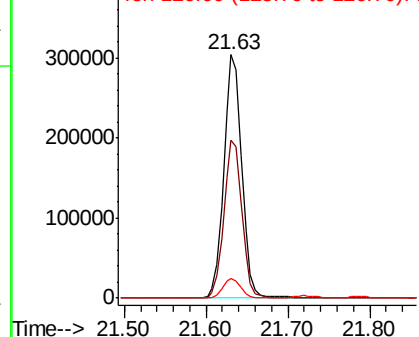


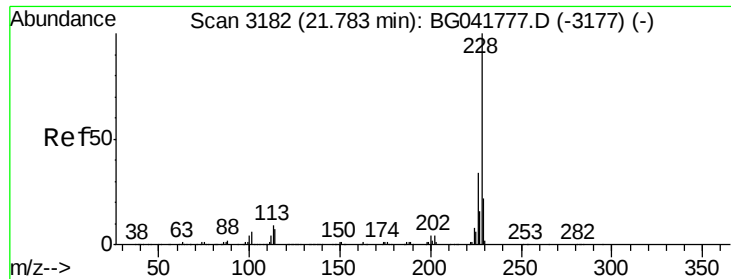
#82
3,3'-Dichlorobenzidine
Concen: 30.665 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:252 Resp: 464156
Ion Ratio Lower Upper
252 100
254 64.6 53.8 80.6
126 8.3 7.8 11.8



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





#83

Chrysene

Concen: 43.068 ng

RT: 21.79 min Scan# 3183

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

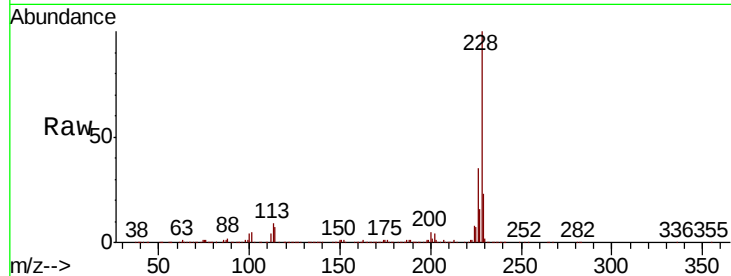
Tgt Ion:228 Resp: 1556402

Ion Ratio Lower Upper

228 100

226 35.1 30.1 45.1

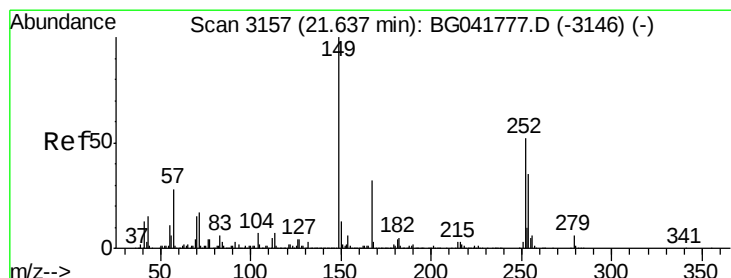
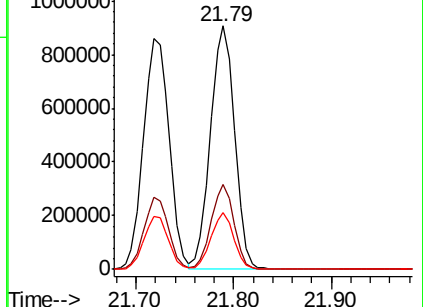
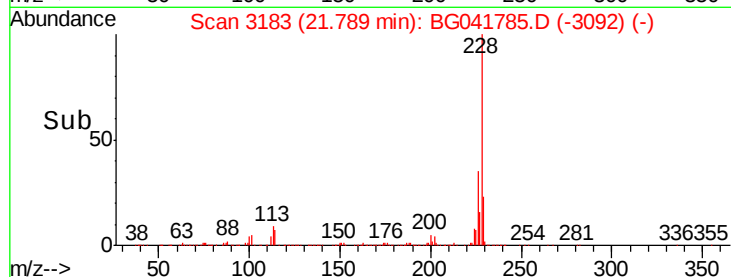
229 23.1 19.8 29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.734 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

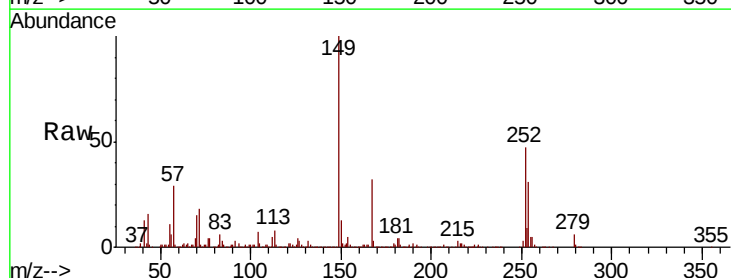
Tgt Ion:149 Resp: 893192

Ion Ratio Lower Upper

149 100

167 31.6 27.0 40.4

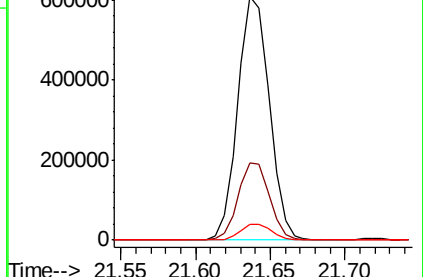
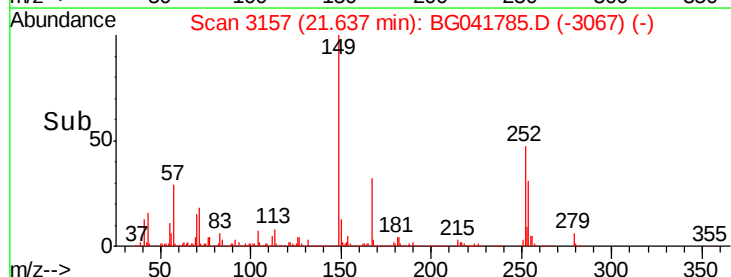
279 6.2 5.0 7.6

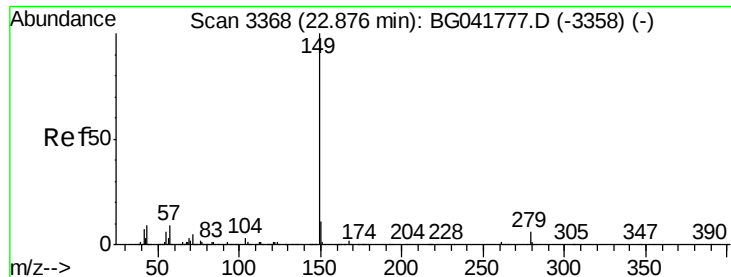


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.495 ng

RT: 22.88 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

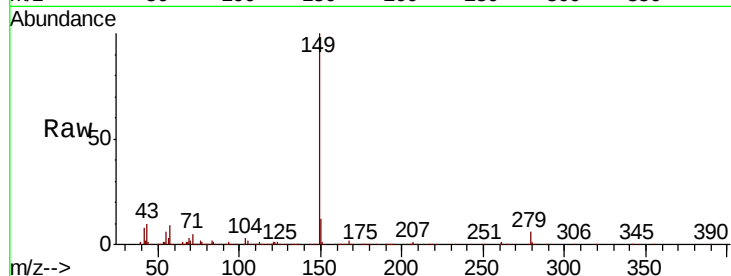
Tgt Ion:149 Resp: 1528755

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

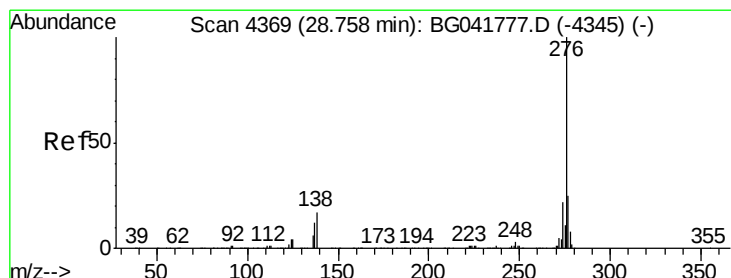
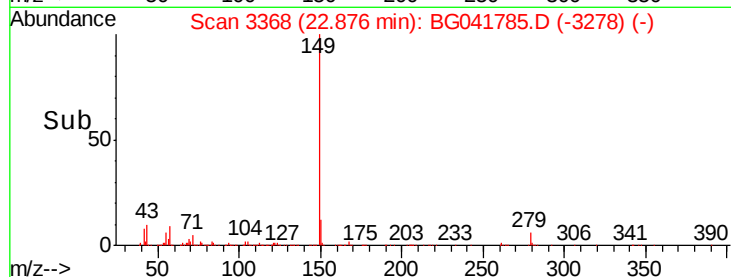
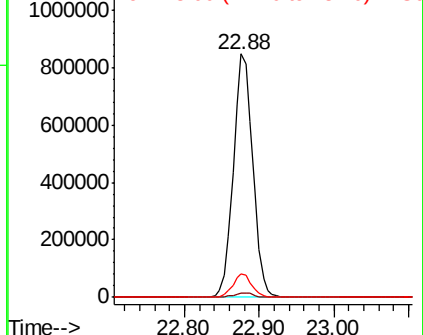
43 9.4 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.827 ng

RT: 28.76 min Scan# 4370

Delta R.T. 0.01 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

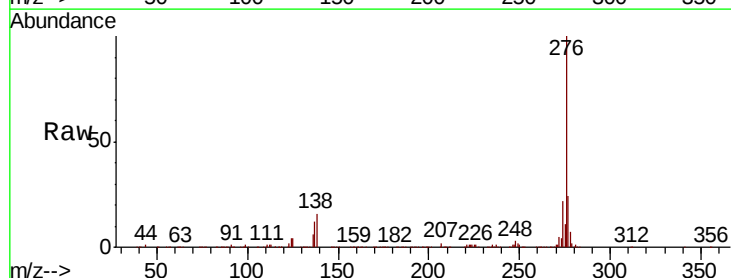
Tgt Ion:276 Resp: 2048795

Ion Ratio Lower Upper

276 100

138 13.4 19.4 29.0#

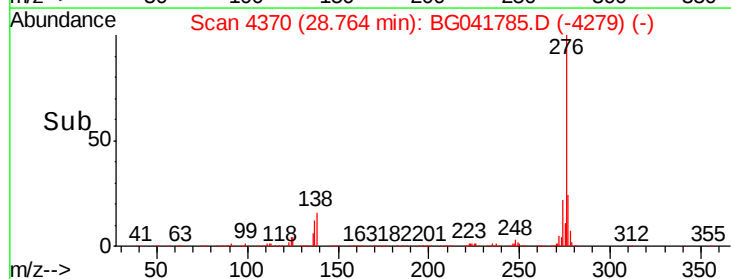
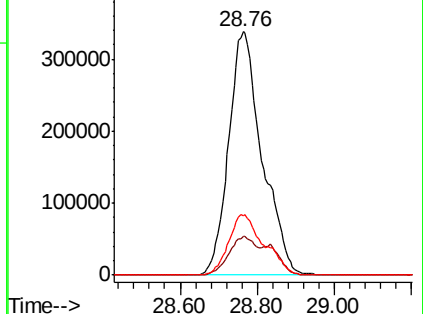
277 26.3 21.2 31.8

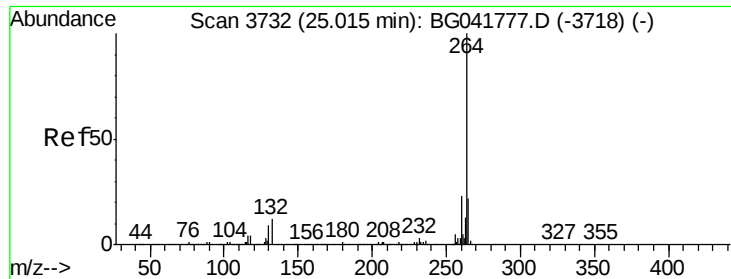


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



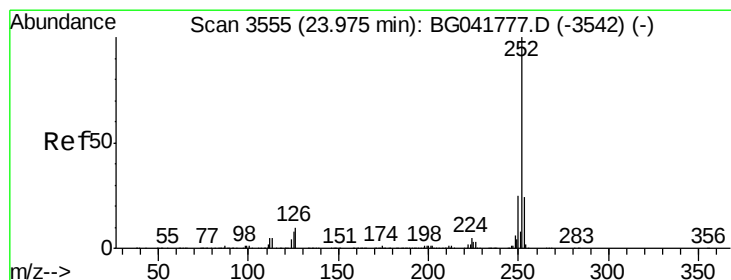
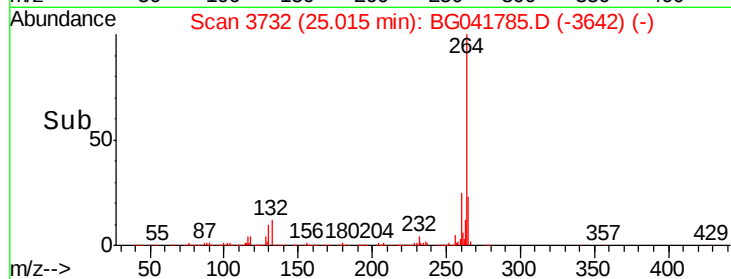
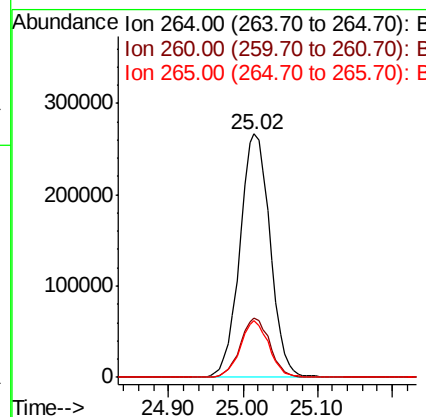
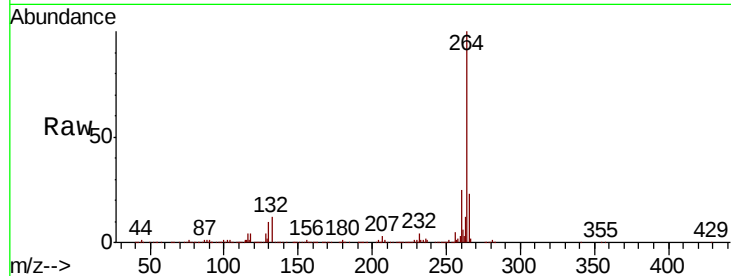


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tgt Ion: 264 Resp: 749994

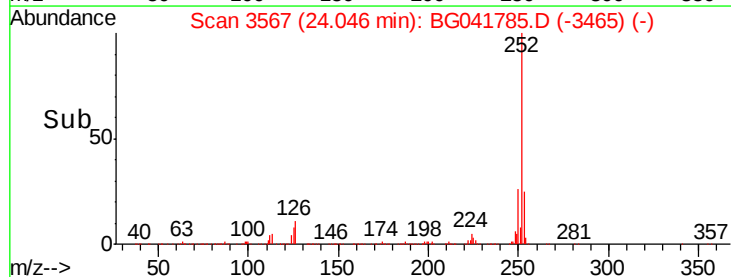
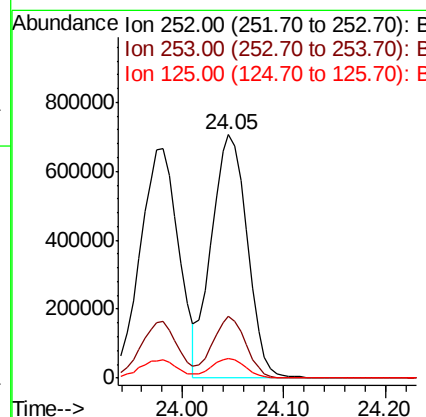
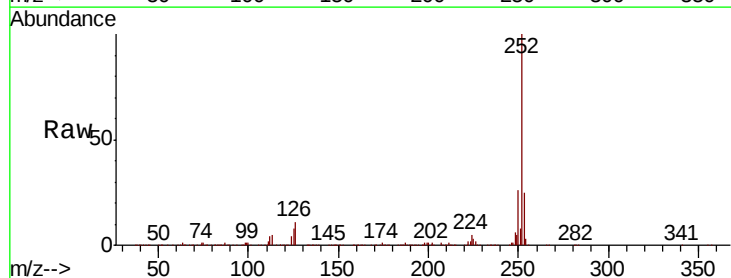
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	23.5	18.0	27.0

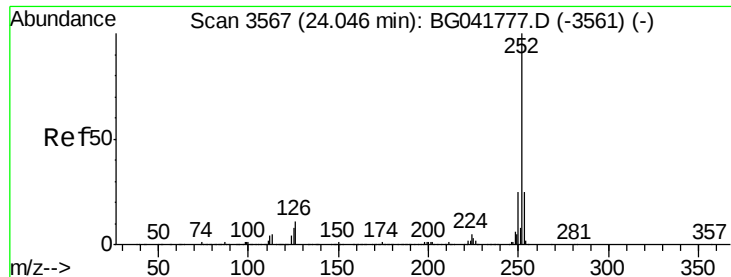


#88
Benzo(b)fluoranthene
Concen: 42.006 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.07 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion: 252 Resp: 1723413

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.6	30.8
125	8.1	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 43.123 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB121703BS

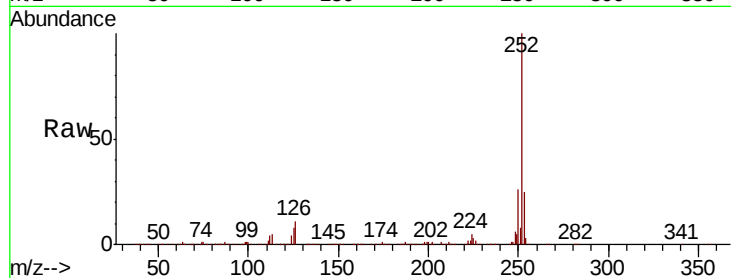
Tgt Ion:252 Resp: 1723413

Ion Ratio Lower Upper

252 100

253 25.2 20.5 30.7

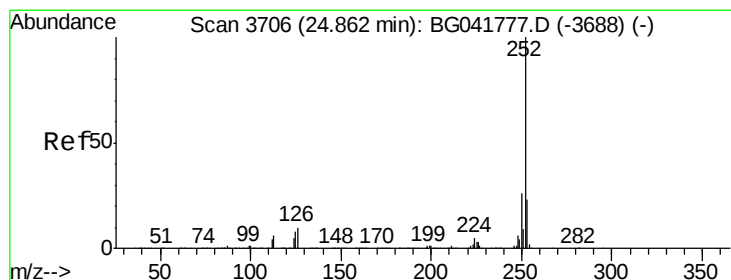
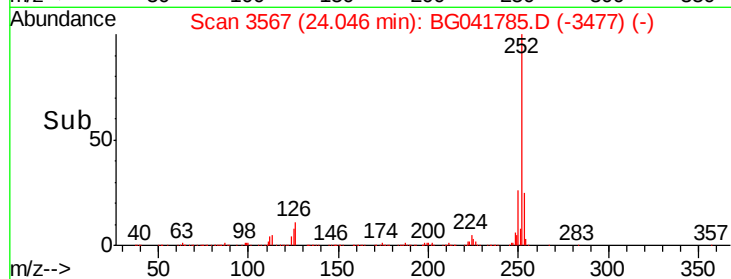
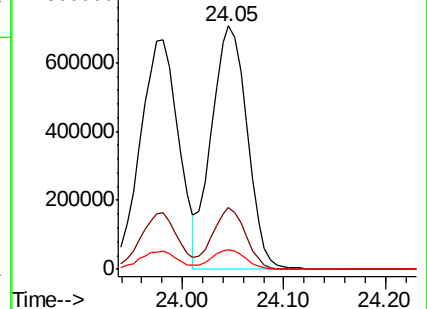
125 8.1 8.4 12.6#



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: 44.093 ng

RT: 24.86 min Scan# 3706

Delta R.T. 0.00 min

Lab File: BG041785.D

Acq: 29 Jul 2019 11:03

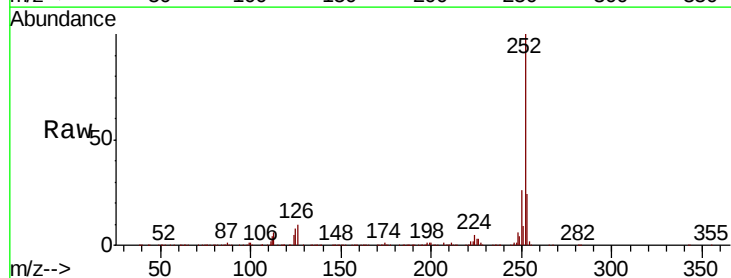
Tgt Ion:252 Resp: 1735007

Ion Ratio Lower Upper

252 100

253 23.8 19.8 29.8

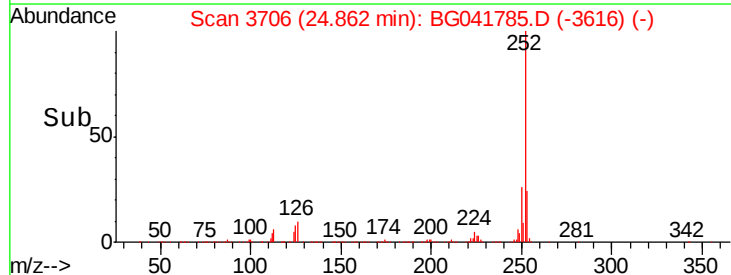
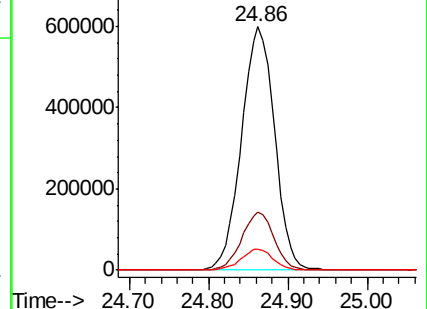
125 8.4 8.8 13.2#

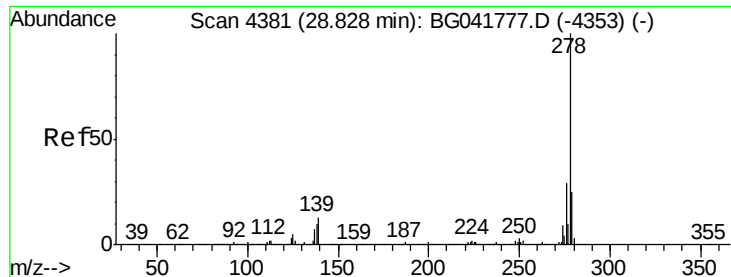


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



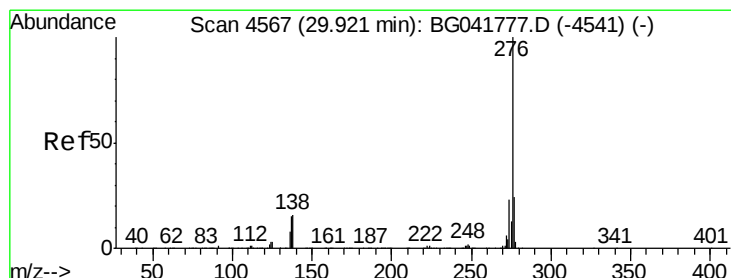
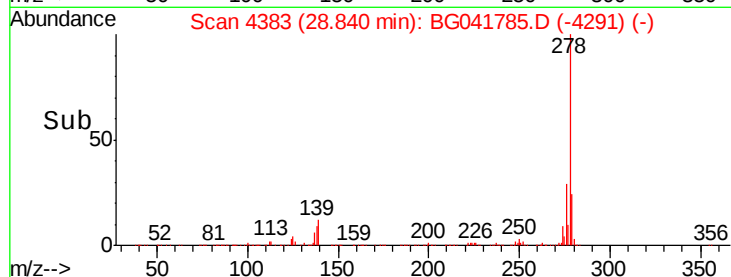
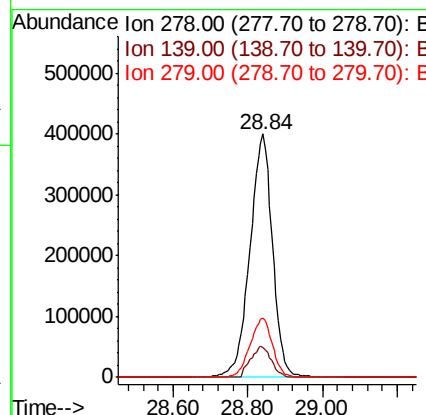
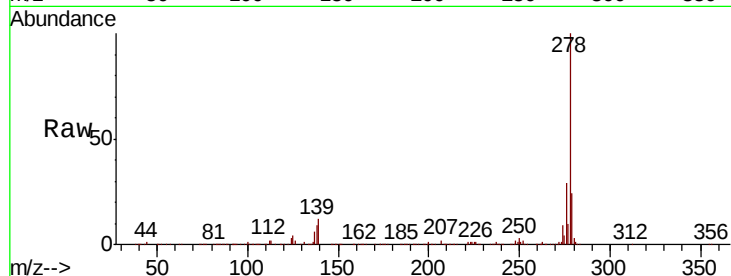


#91
Dibenzo(a,h)anthracene
Concen: 43.565 ng
RT: 28.84 min Scan# 4383
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Tgt Ion:278 Resp: 1683203

Ion	Ratio	Lower	Upper
278	100		
139	12.5	12.6	19.0#
279	24.4	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 44.338 ng
RT: 29.93 min Scan# 4569
Delta R.T. 0.01 min
Lab File: BG041785.D
Acq: 29 Jul 2019 11:03

Tgt Ion:276 Resp: 1711492

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	16.7	16.6	25.0

