

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040765.D
 Acq On : 7 May 2019 12:09
 Operator : HP/JU
 Sample : PB119476BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119476BS

Quant Time: May 08 03:52:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	51773	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	206469	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	146405	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	405140	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	463601	20.00	ng	-0.02
87) Perylene-d12	25.16	264	347639	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	415529	141.48	ng	-0.01
7) Phenol-d6	7.28	99	593078	131.15	ng	-0.01
23) Nitrobenzene-d5	9.32	82	357310	79.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	314418	156.24	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	766523	75.61	ng	-0.02
79) Terphenyl-d14	20.11	244	1589574	75.96	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	62837	47.044	ng	96
3) Pyridine	3.95	79	126724	32.732	ng	98
4) n-Nitrosodimethylamine	3.87	42	80044	37.274	ng	85
6) Aniline	7.47	93	153138	25.549	ng	99
8) 2-Chlorophenol	7.70	128	149402	41.660	ng	98
9) Benzaldehyde	7.28	77	55284	16.203	ng	96
10) Phenol	7.31	94	205544	42.283	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	137384	37.688	ng	99
12) 1,3-Dichlorobenzene	8.03	146	154362	39.435	ng	98
13) 1,4-Dichlorobenzene	8.18	146	158756	40.008	ng	99
14) 1,2-Dichlorobenzene	8.50	146	148824	38.890	ng	98
15) Benzyl Alcohol	8.38	79	176951	37.606	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	238503	32.863	ng	95
17) 2-Methylphenol	8.57	107	142179	41.329	ng	96
18) Hexachloroethane	9.23	117	60428	37.124	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	135147	33.199	ng	96
20) 3+4-Methylphenols	8.90	107	194939	40.677	ng	95
22) Acetophenone	8.98	105	245819	42.815	ng	# 96
24) Nitrobenzene	9.37	77	209582	43.960	ng	98
25) Isophorone	9.88	82	377956	37.973	ng	98
26) 2-Nitrophenol	10.07	139	86026	50.338	ng	97
27) 2,4-Dimethylphenol	10.12	122	156577	48.831	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	199116	39.873	ng	100
29) 2,4-Dichlorophenol	10.60	162	173532	47.604	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	184568	45.657	ng	98
31) Naphthalene	11.02	128	457718	41.728	ng	99
32) Benzoic acid	10.24	122	109771	50.008	ng	92
33) 4-Chloroaniline	11.13	127	121055	24.891	ng	95
34) Hexachlorobutadiene	11.28	225	133851	44.850	ng	95
35) Caprolactam	11.91	113	58583	40.705	ng	# 89
36) 4-Chloro-3-methylphenol	12.22	107	200772	43.659	ng	99
37) 2-Methylnaphthalene	12.61	142	357021	43.532	ng	98
38) 1-Methylnaphthalene	12.83	142	335082	41.800	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	250127	45.862	ng	97

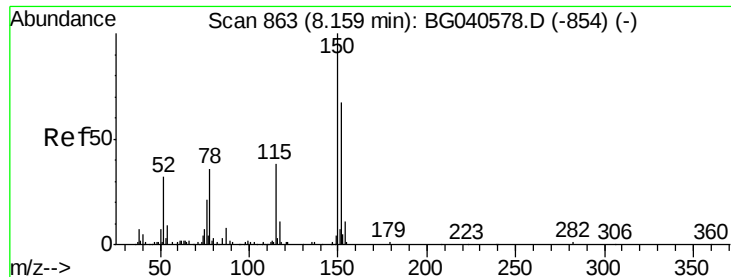
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	220659	68.564	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	163957	49.746	nq	93
44) 2,4,5-Trichlorophenol	13.28	196	173259	48.257	nq	99
46) 1,1'-Biphenyl	13.61	154	477965	42.048	nq	98
47) 2-Chloronaphthalene	13.66	162	392895	44.167	nq	97
48) 2-Nitroaniline	13.86	65	159347	50.322	nq	97
49) Acenaphthylene	14.50	152	609442	40.380	nq	98
50) Dimethylphthalate	14.22	163	520874	42.522	nq	99
51) 2,6-Dinitrotoluene	14.35	165	117055	48.962	nq	90
52) Acenaphthene	14.84	154	358377	40.774	nq	95
53) 3-Nitroaniline	14.68	138	97455	39.785	nq	# 92
54) 2,4-Dinitrophenol	14.89	184	110568	81.827	nq	92
55) Dibenzofuran	15.17	168	622297	43.226	nq	99
56) 4-Nitrophenol	14.97	139	199074	93.724	nq	89
57) 2,4-Dinitrotoluene	15.13	165	173595	53.437	nq	93
58) Fluorene	15.82	166	496538	42.672	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	188880	52.267	nq	96
60) Diethylphthalate	15.57	149	542984	42.013	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	309039	45.665	nq	96
62) 4-Nitroaniline	15.84	138	128789	47.001	nq	95
63) Azobenzene	16.10	77	533052	40.049	nq	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	95802	47.993	nq	92
66) n-Nitrosodiphenylamine	16.02	169	473168	39.696	nq	96
67) 4-Bromophenyl-phenylether	16.70	248	209305	41.467	nq	91
68) Hexachlorobenzene	16.81	284	217675	41.707	nq	95
69) Atrazine	16.96	200	190028	40.239	nq	94
70) Pentachlorophenol	17.15	266	278772	91.279	nq	96
71) Phenanthrene	17.56	178	902906	41.376	nq	99
72) Anthracene	17.65	178	913217	41.634	nq	99
73) Carbazole	17.92	167	820095	41.037	nq	99
74) Di-n-butylphthalate	18.46	149	991667	41.113	nq	100
75) Fluoranthene	19.56	202	1195329	43.956	nq	98
77) Benzidine	19.74	184	292992	23.082	nq	99
78) Pyrene	19.92	202	1191376	41.002	nq	99
80) Butylbenzylphthalate	20.79	149	462027	40.798	nq	93
81) Benzo(a)anthracene	21.78	228	1157466	39.504	nq	100
82) 3,3'-Dichlorobenzidine	21.69	252	334254	32.007	nq	97
83) Chrysene	21.85	228	1130702	40.578	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	637378	38.989	nq	98
85) Di-n-octyl phthalate	22.91	149	1071193	38.908	nq	97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1081973	32.115	nq	# 88
88) Benzo(b)fluoranthene	24.09	252	1154825	54.361	nq	99
89) Benzo(k)fluoranthene	24.15	252	1156484	58.292	nq	97
90) Benzo(a)pyrene	25.00	252	1117238	55.559	nq	99
91) Dibenzo(a,h)anthracene	29.09	278	874168	42.958	nq	98
92) Benzo(g,h,i)perylene	30.23	276	888268	43.859	nq	98

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

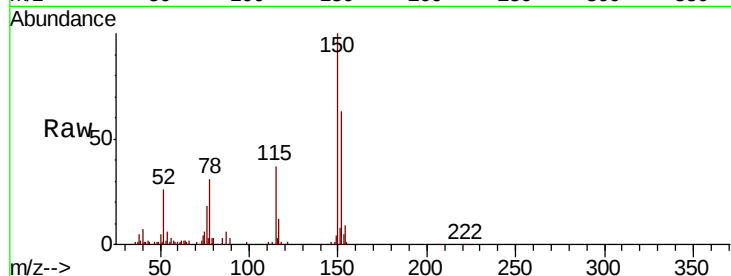


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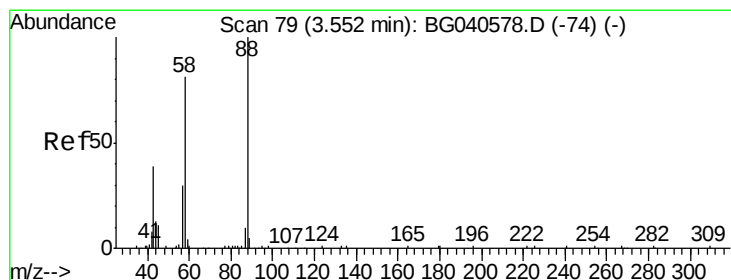
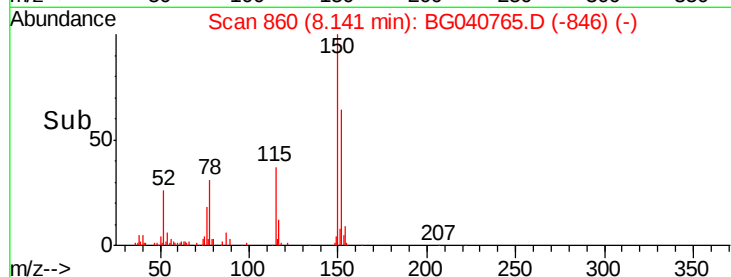
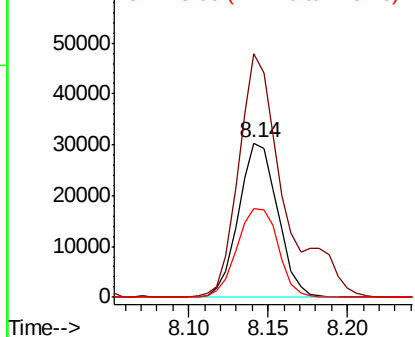
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Instrument :
BNA_G
ClientSampleId :
PB119476BS

Tot Ion:152 Resp: 51773
Ion Ratio Lower Upper
152 100
150 158.0 120.2 180.2
115 57.7 46.2 69.2



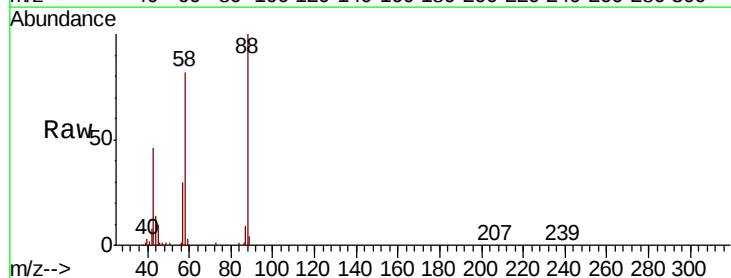
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



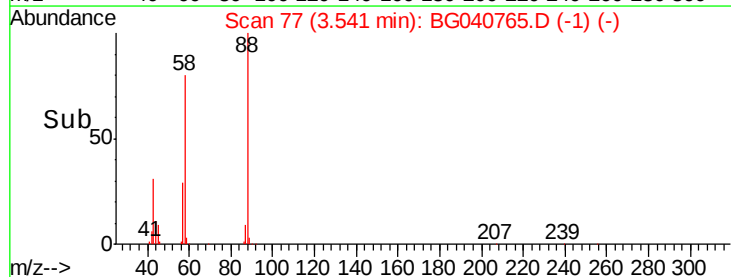
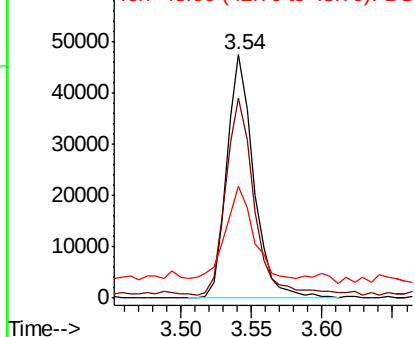
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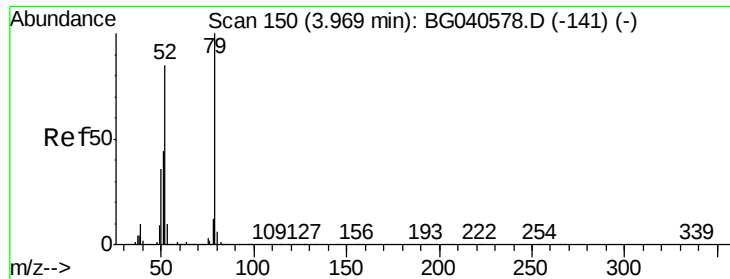
1,4-Dioxane
Concen: 47.044 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion: 88 Resp: 62837
Ion Ratio Lower Upper
88 100
58 86.7 71.2 106.8
43 39.4 35.6 53.4



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





#3

Pvridine

Concen: 32.732 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

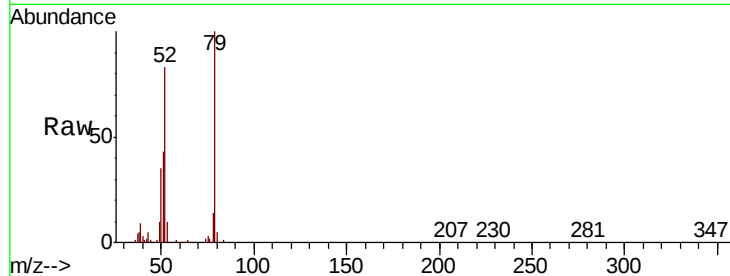
Tot Ion: 79 Resp: 126724

Ion Ratio Lower Upper

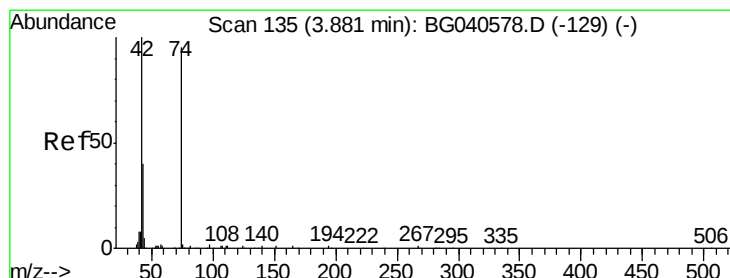
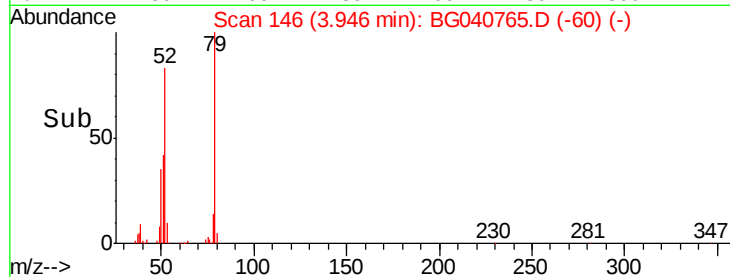
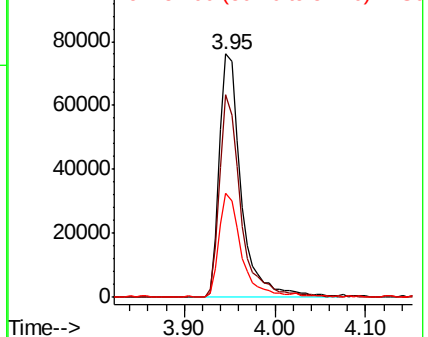
79 100

52 83.3 67.5 101.3

51 42.6 35.6 53.4



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



#4

n-Nitrosodimethylamine

Concen: 37.274 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

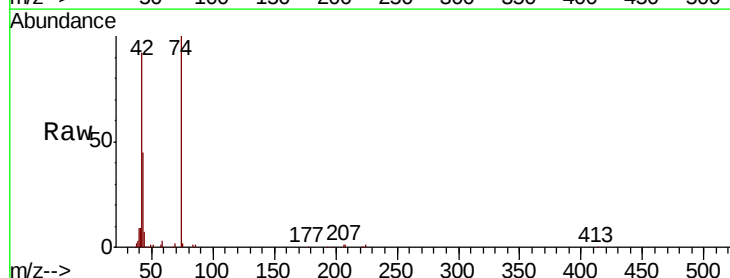
Tgt Ion: 42 Resp: 80044

Ion Ratio Lower Upper

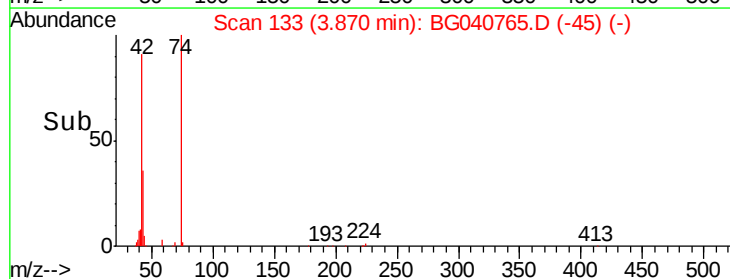
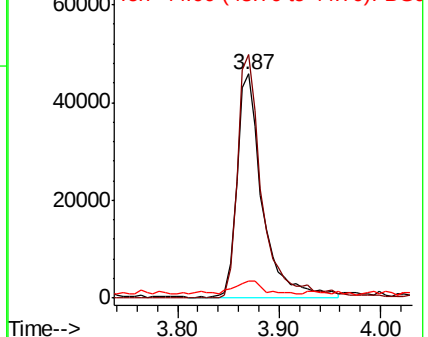
42 100

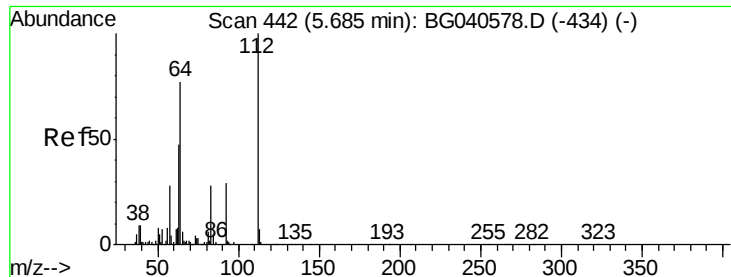
74 108.6 74.6 111.8

44 7.4 7.4 11.0



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





#5

2-Fluorophenol

Concen: 141.479 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

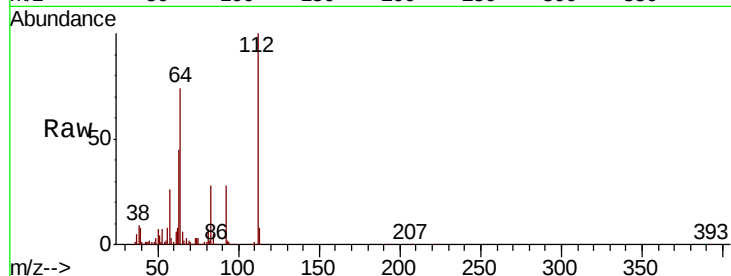
Tot Ion:112 Resp: 415529

Ion Ratio Lower Upper

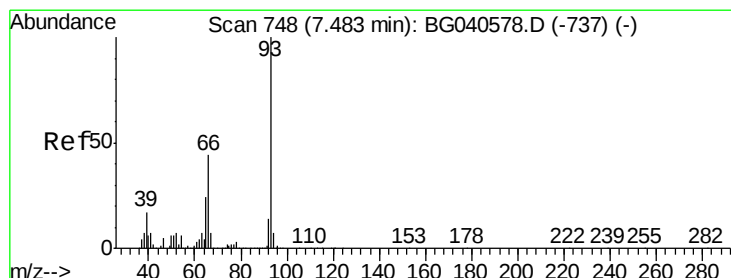
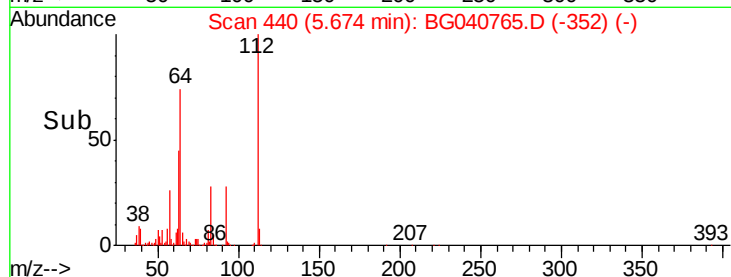
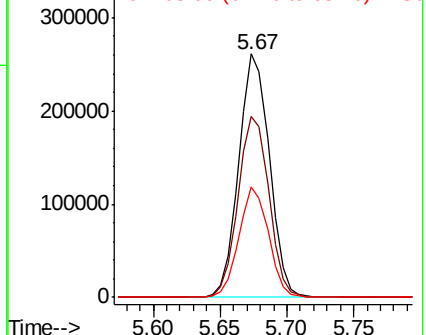
112 100

64 74.1 61.4 92.0

63 45.1 37.8 56.6



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: 25.549 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

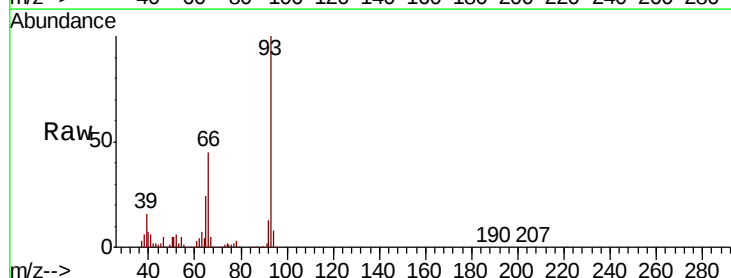
Tgt Ion: 93 Resp: 153138

Ion Ratio Lower Upper

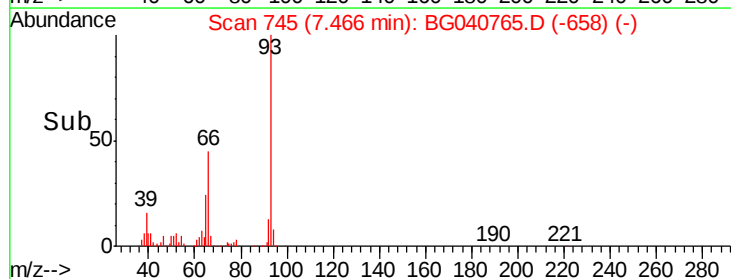
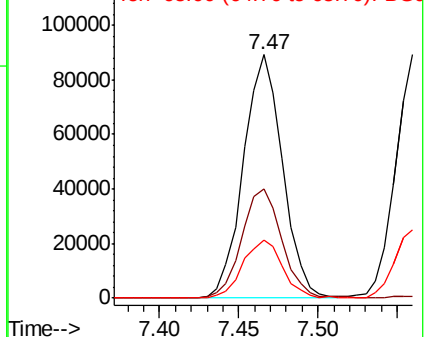
93 100

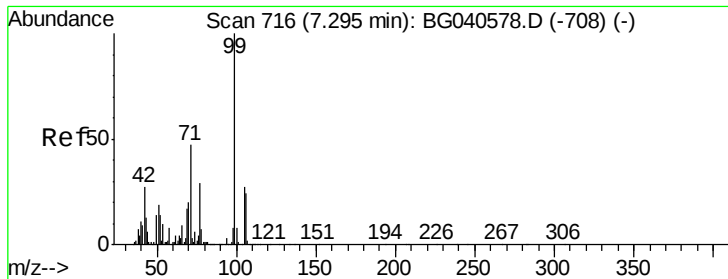
66 44.9 35.5 53.3

65 23.6 19.2 28.8



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: 131.148 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

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ClientSampleId :

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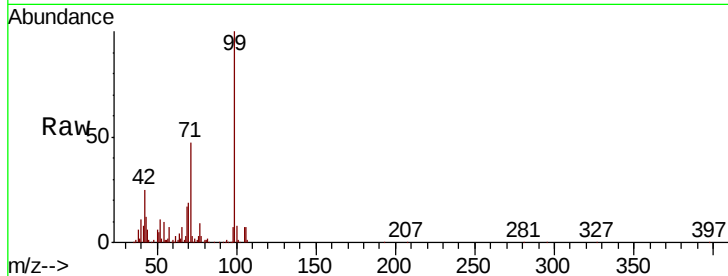
Tot Ion: 99 Resp: 593078

Ion Ratio Lower Upper

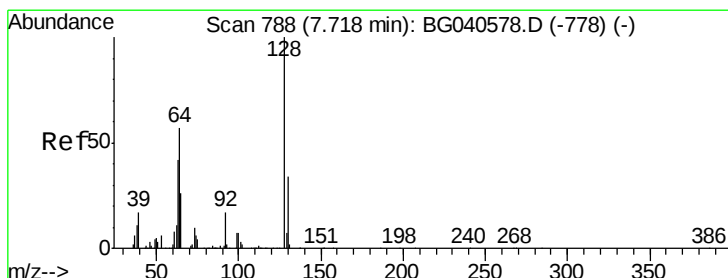
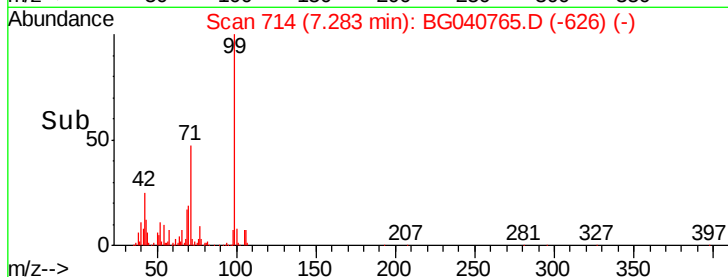
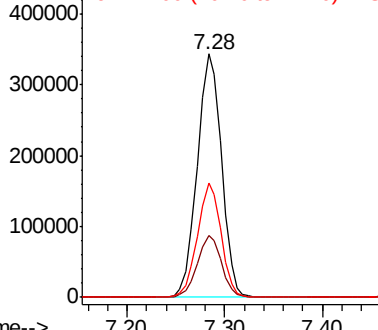
99 100

42 25.2 21.8 32.8

71 46.8 38.6 57.8



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: 41.660 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

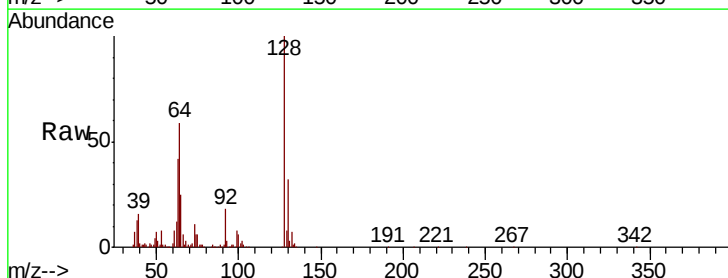
Tgt Ion: 128 Resp: 149402

Ion Ratio Lower Upper

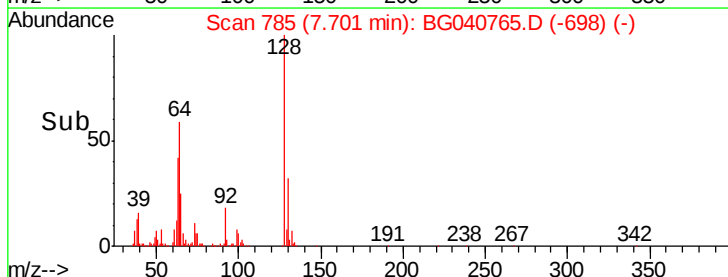
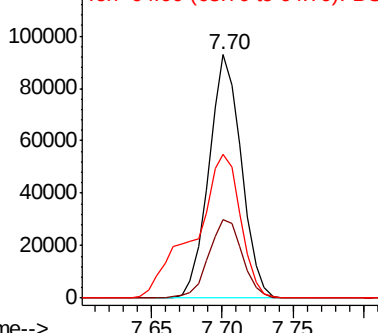
128 100

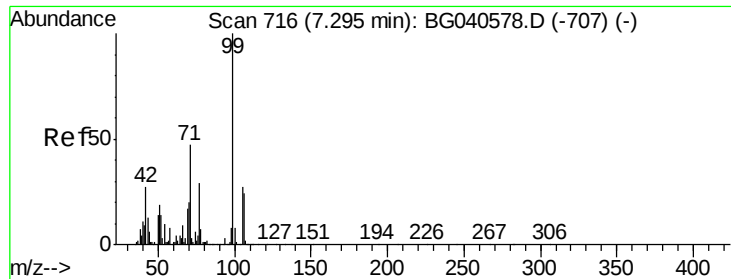
130 32.3 14.5 54.5

64 58.9 38.4 78.4



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: 16.203 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

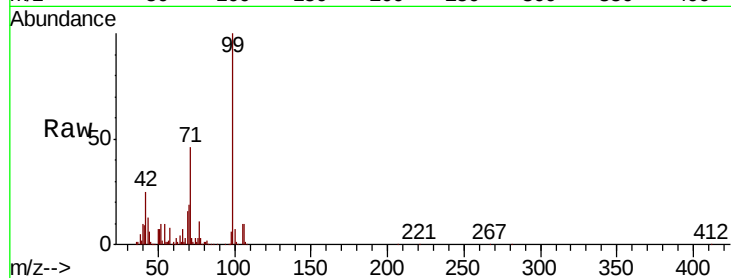
Tot Ion: 77 Resp: 55284

Ion Ratio Lower Upper

77 100

105 91.3 72.0 112.0

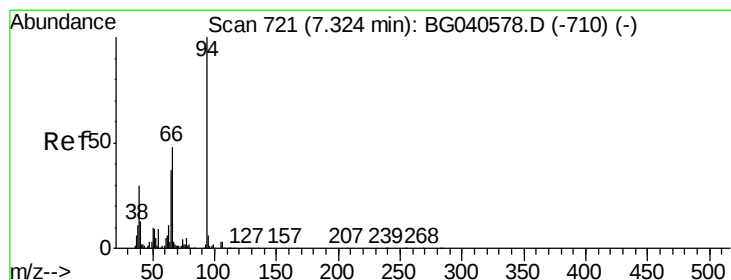
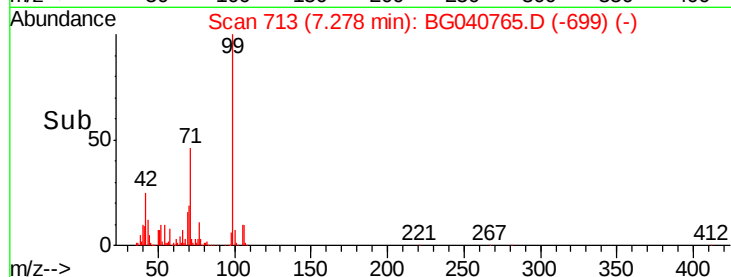
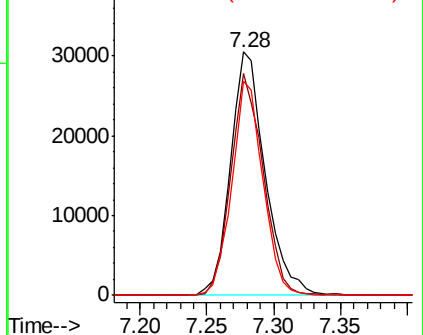
106 88.0 61.2 101.2



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: 42.283 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

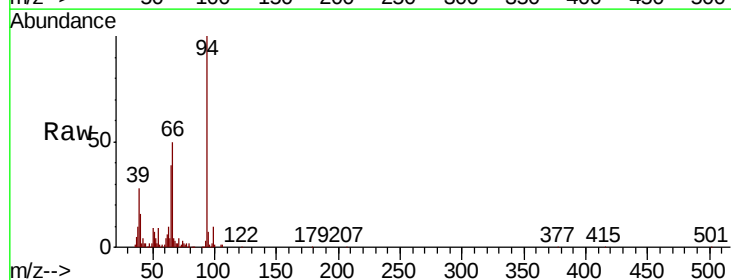
Tgt Ion: 94 Resp: 205544

Ion Ratio Lower Upper

94 100

65 38.8 17.0 57.0

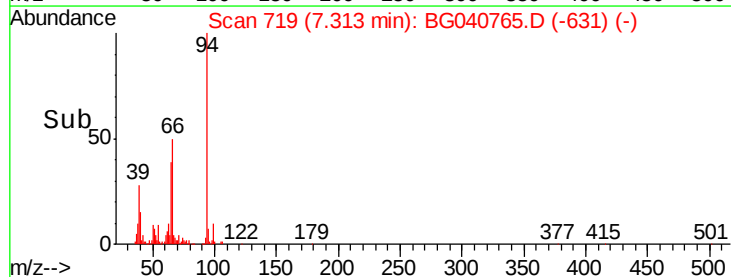
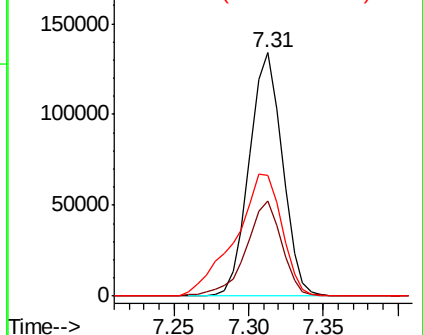
66 49.6 28.6 68.6

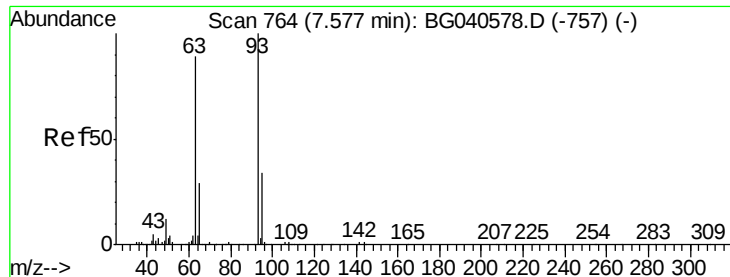


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

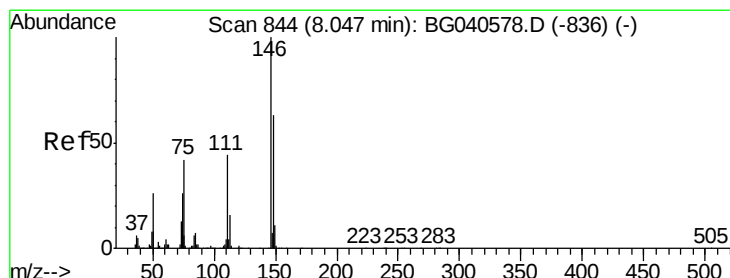
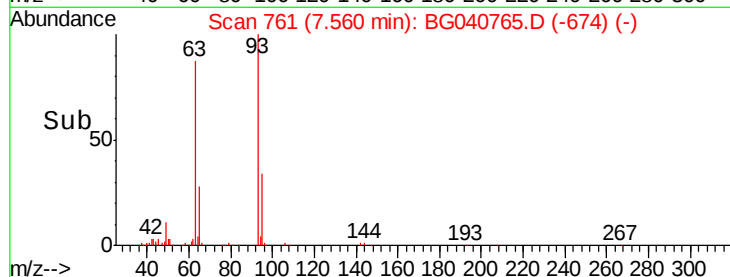
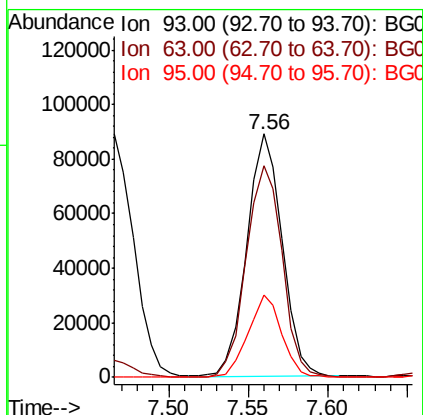
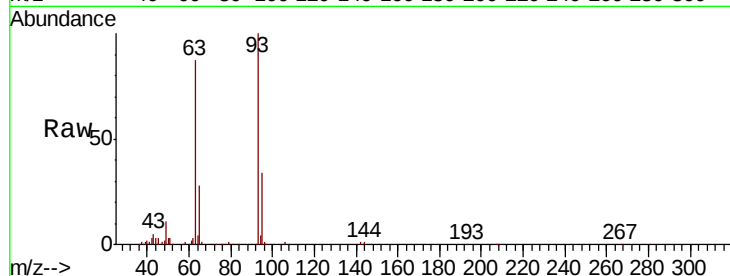




#11
bis(2-Chloroethyl)ether
Concen: 37.688 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

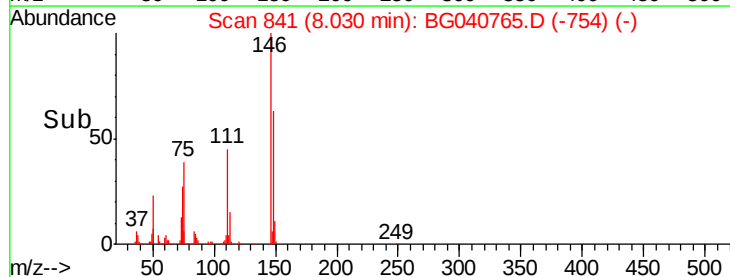
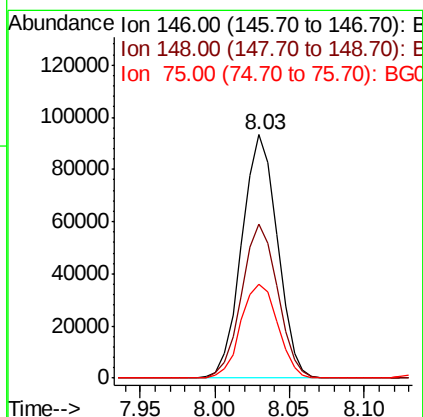
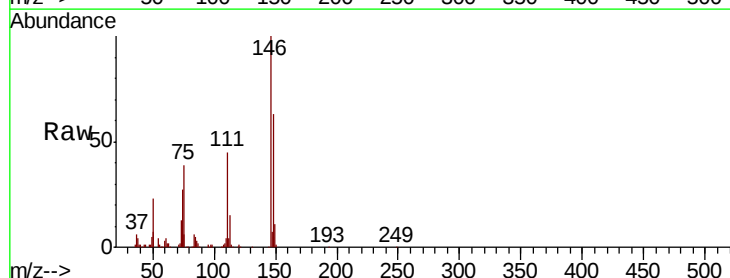
Instrument :
BNA_G
ClientSampleId :
PB119476BS

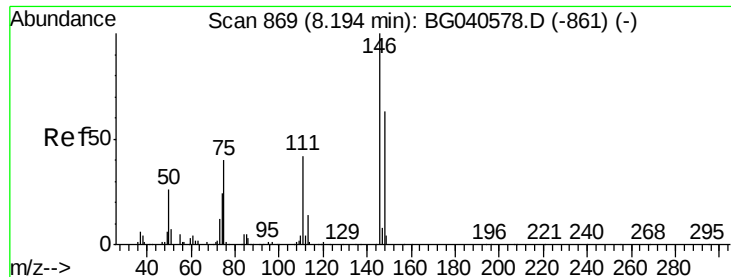
Tot Ion: 93 Resp: 137384
Ion Ratio Lower Upper
93 100
63 87.1 68.2 108.2
95 33.8 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 39.435 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion: 146 Resp: 154362
Ion Ratio Lower Upper
146 100
148 63.2 50.7 76.1
75 38.6 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 40.008 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

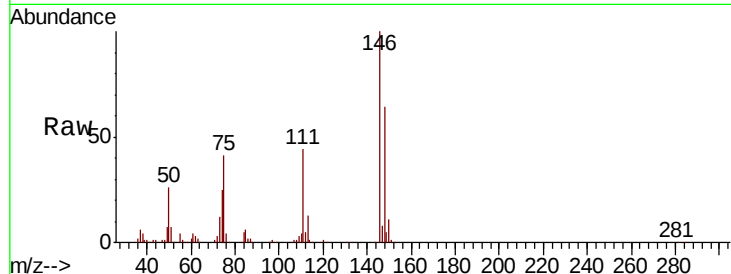
Tot Ion:146 Resp: 158756

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

111 43.6 34.3 51.5

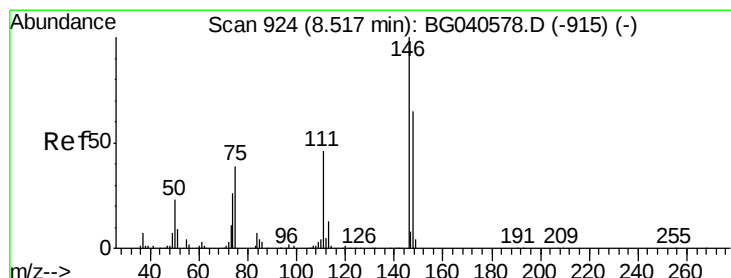
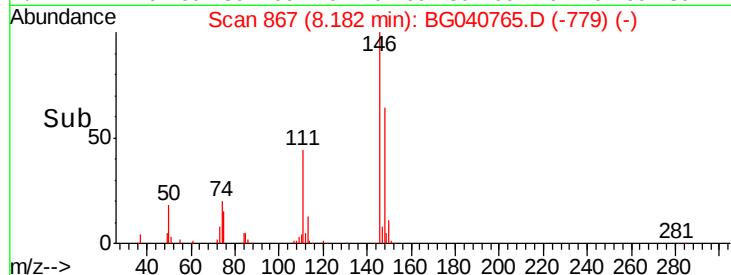
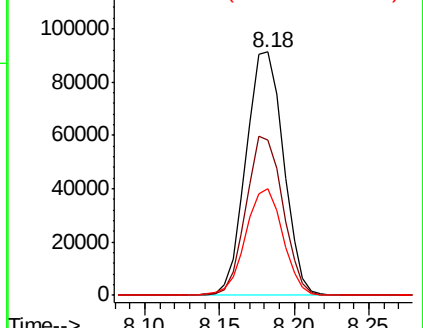


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.890 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

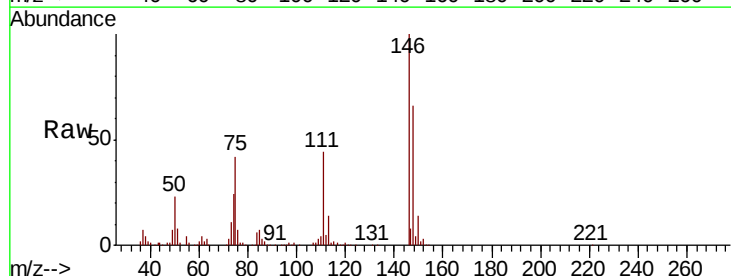
Tgt Ion:146 Resp: 148824

Ion Ratio Lower Upper

146 100

148 66.4 52.2 78.4

111 44.4 37.4 56.0

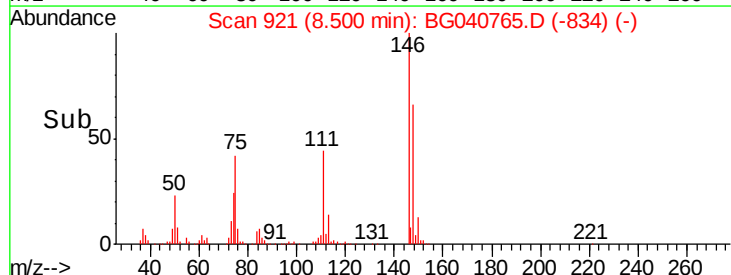
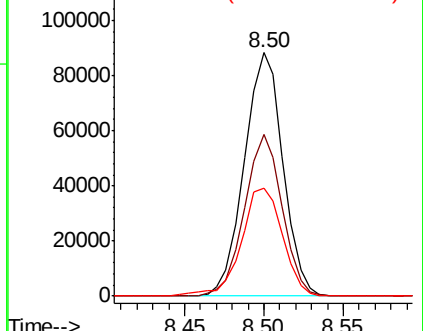


Abundance

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: 37.606 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

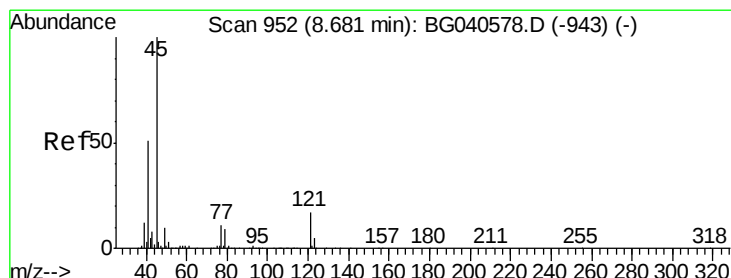
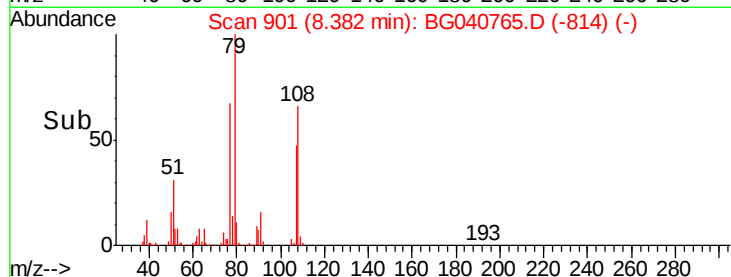
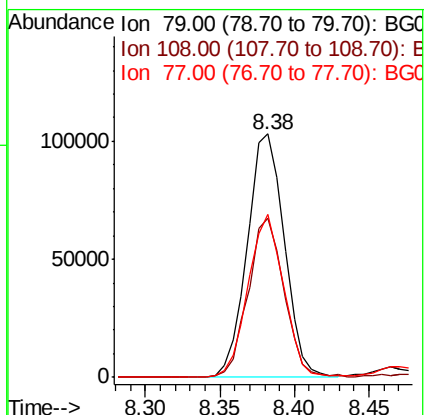
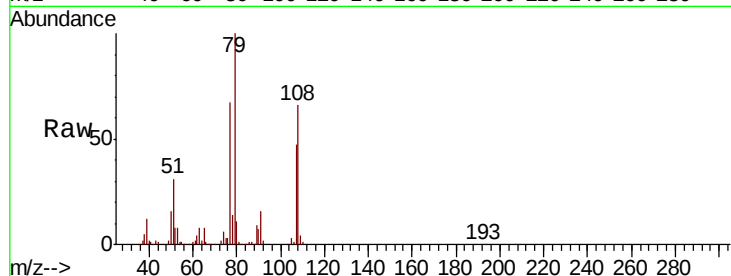
Tot Ion: 79 Resp: 176951

Ion Ratio Lower Upper

79 100

108 65.6 51.4 77.0

77 66.7 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.863 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

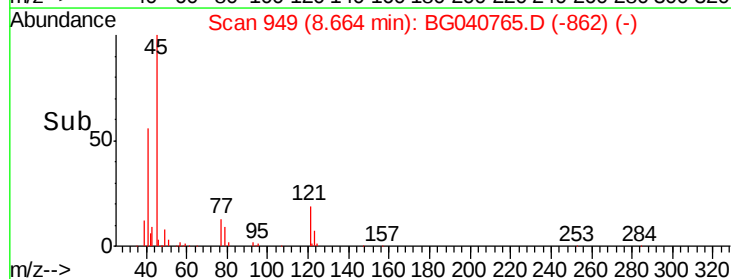
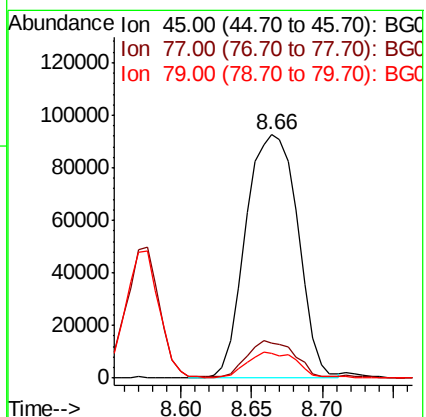
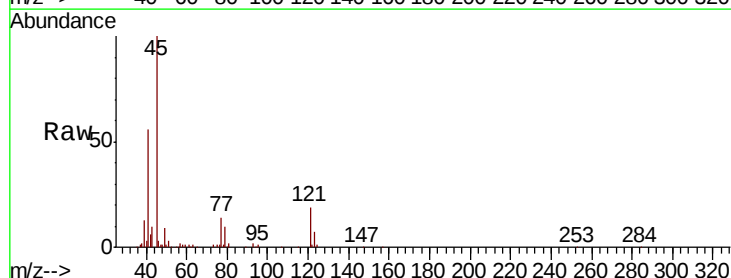
Tgt Ion: 45 Resp: 238503

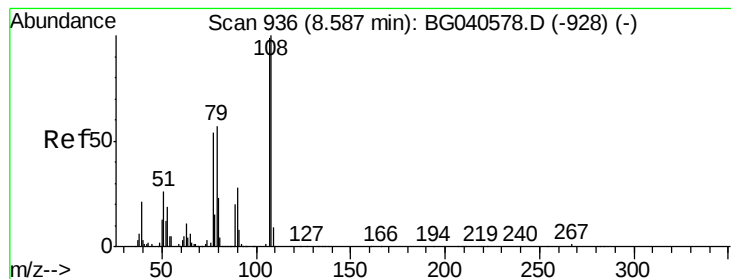
Ion Ratio Lower Upper

45 100

77 14.5 0.0 31.5

79 10.1 0.0 29.4





#17

2-Methylphenol

Concen: 41.329 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampled :

PB119476BS

Tot Ion:107 Resp: 142179

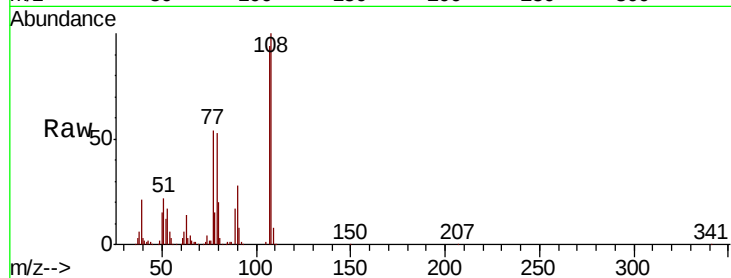
Ion Ratio Lower Upper

107 100

108 106.6 81.2 121.8

77 57.7 44.4 66.6

79 56.8 47.0 70.4

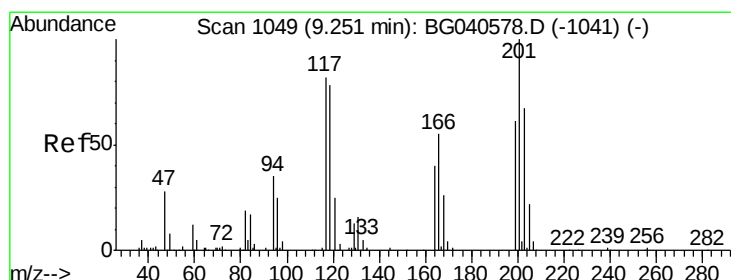
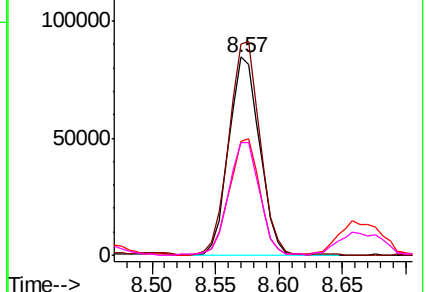
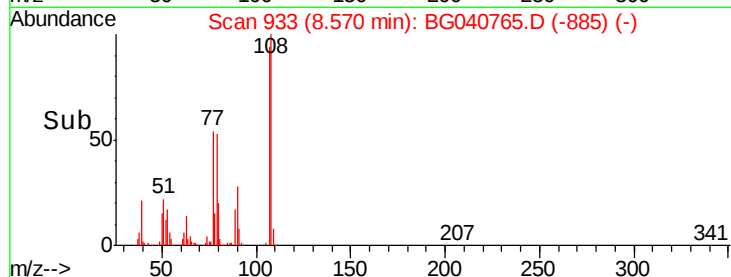


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.124 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

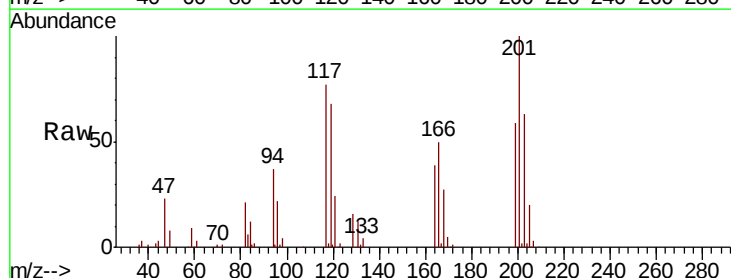
Tgt Ion:117 Resp: 60428

Ion Ratio Lower Upper

117 100

119 87.7 76.6 114.8

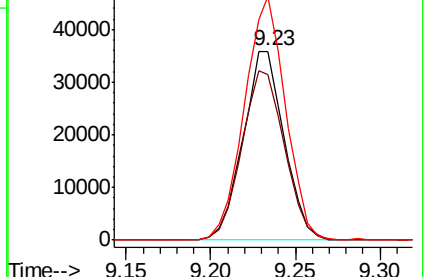
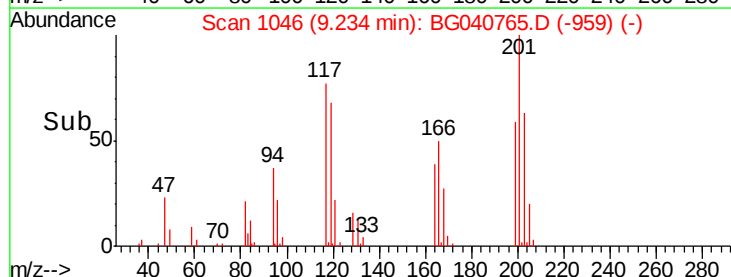
201 129.1 101.0 151.6

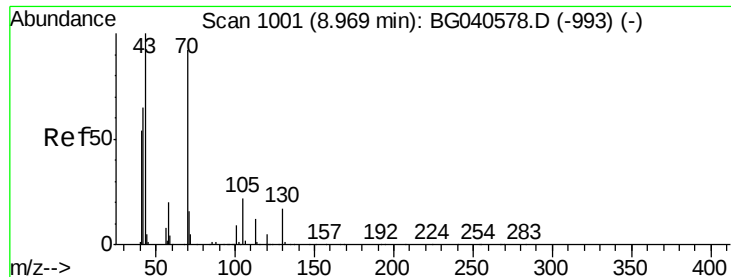


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

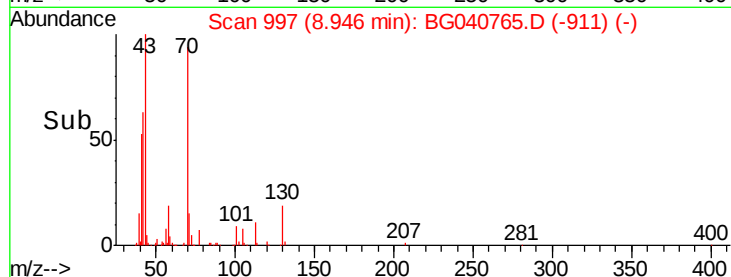
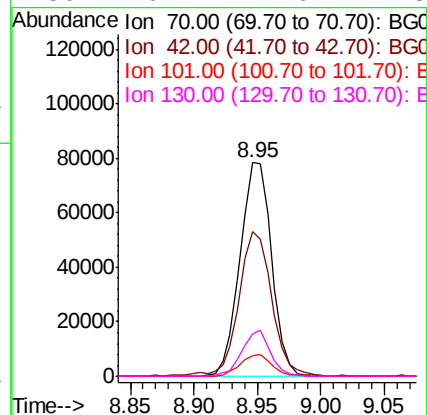
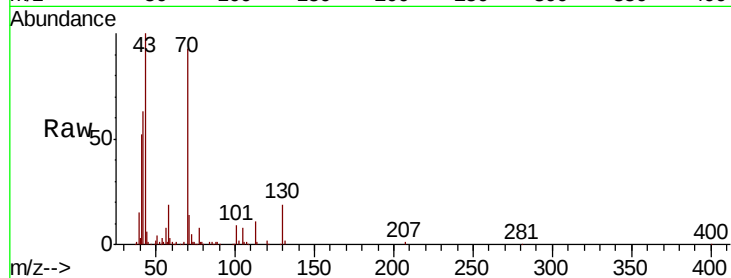




#19
n-Nitroso-di-n-propylamine
Concen: 33.199 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

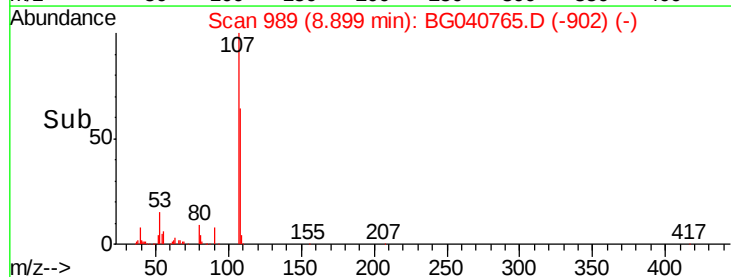
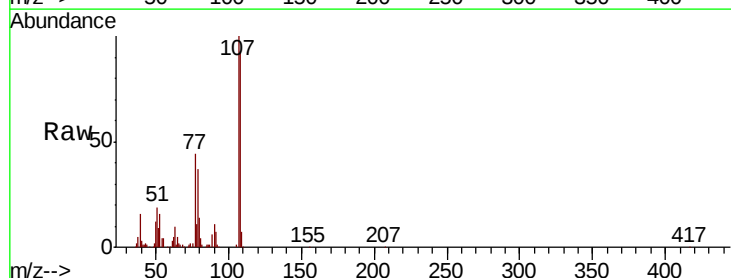
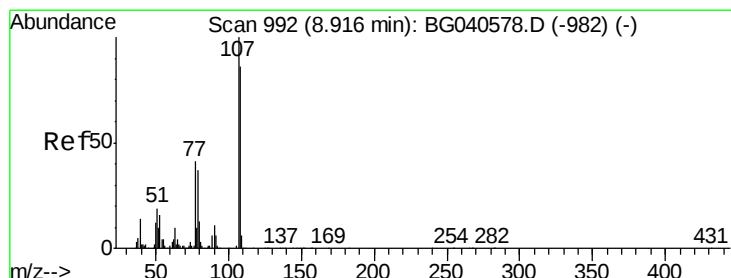
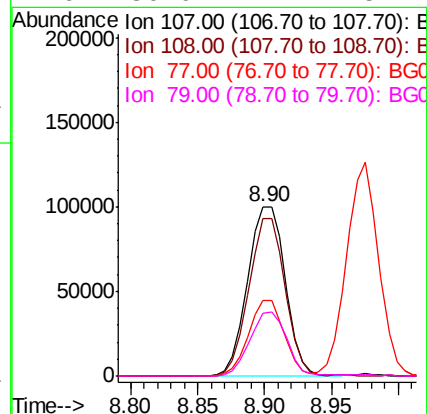
Instrument :
BNA_G
ClientSampleId :
PB119476BS

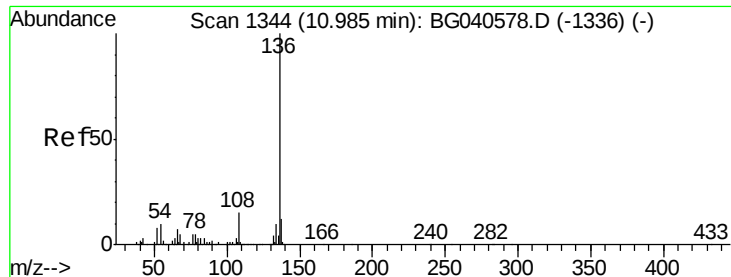
Tot Ion: 70 Resp: 135147
Ion Ratio Lower Upper
70 100
42 67.9 57.1 85.7
101 9.5 7.8 11.8
130 20.1 14.6 21.8



#20
3+4-Methylphenols
Concen: 40.677 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion:107 Resp: 194939
Ion Ratio Lower Upper
107 100
108 92.8 66.1 106.1
77 44.2 21.6 61.6
79 36.9 17.4 57.4

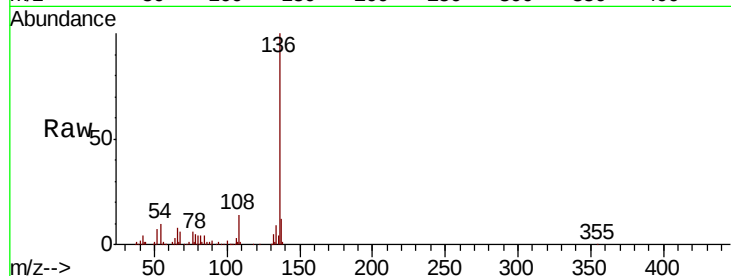




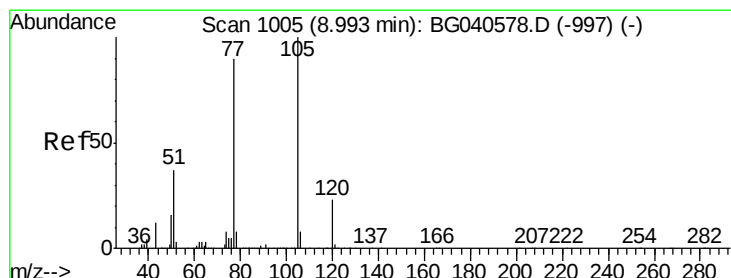
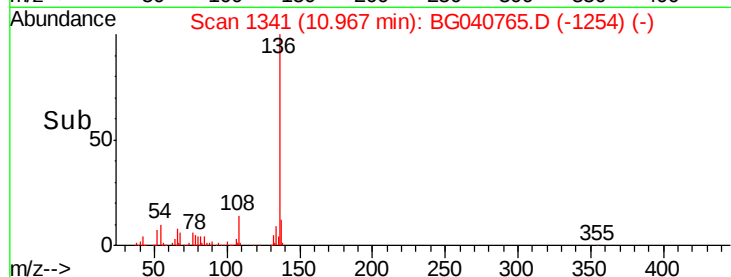
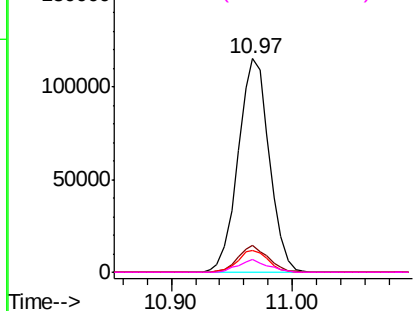
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Instrument :
BNA_G
ClientSampleId :
PB119476BS

Tot Ion:136	Resp:	206469	
Ion Ratio	Lower	Upper	
136 100			
137 12.3	9.7	14.5	
54 10.3	8.6	12.8	
68 5.8	4.8	7.2	

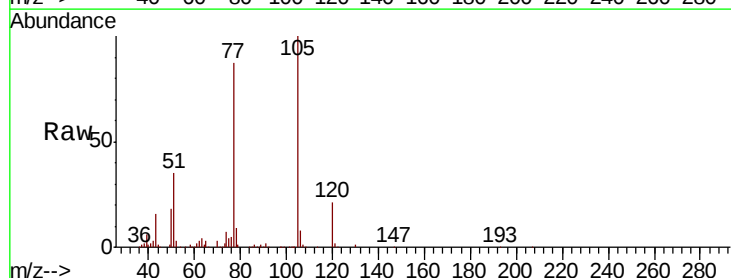


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

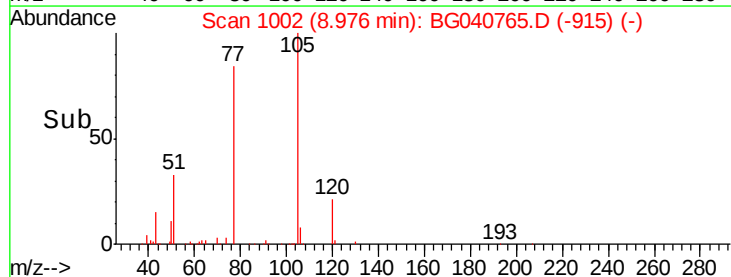
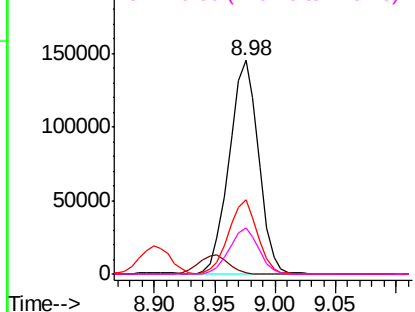


#22
Acetophenone
Concen: 42.815 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt	Ion:105	Resp:	245819
Ion	Ratio	Lower	Upper
105	100		
71	0.4	1.8	2.8#
51	34.6	29.8	44.8
120	21.4	18.4	27.6



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

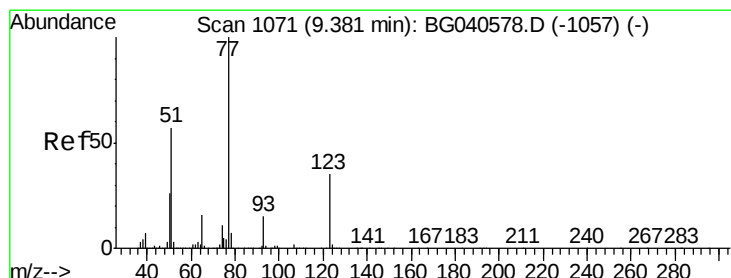
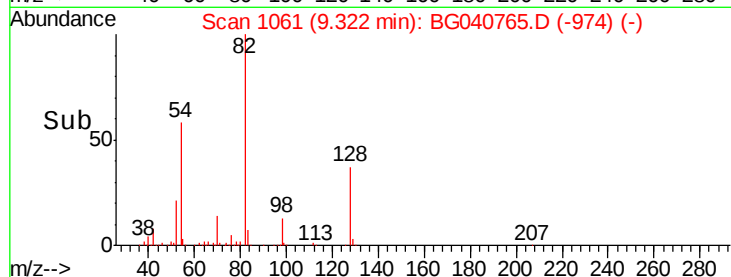
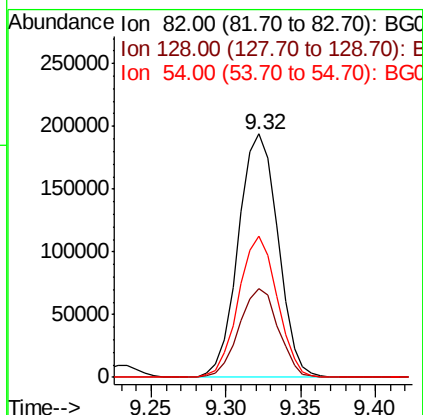
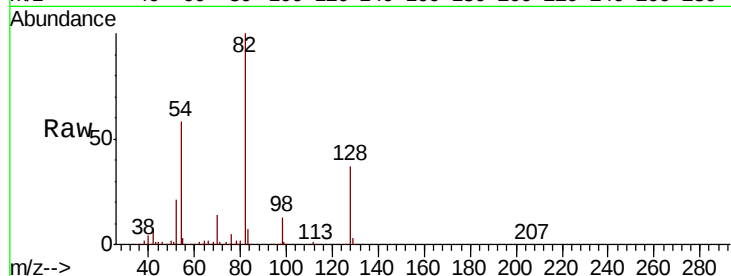




#23
 Nitrobenzene-d5
 Concen: 79.963 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040765.D
 Acq: 7 May 2019 12:09

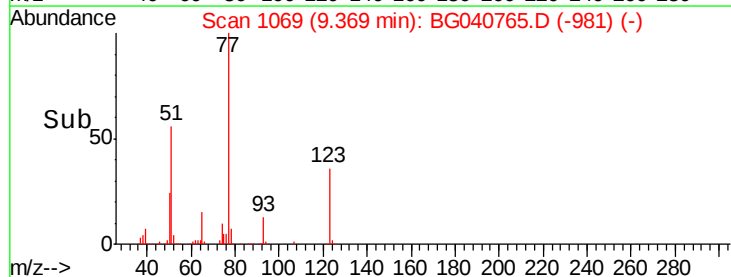
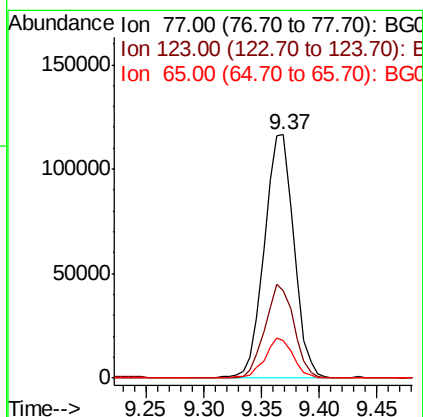
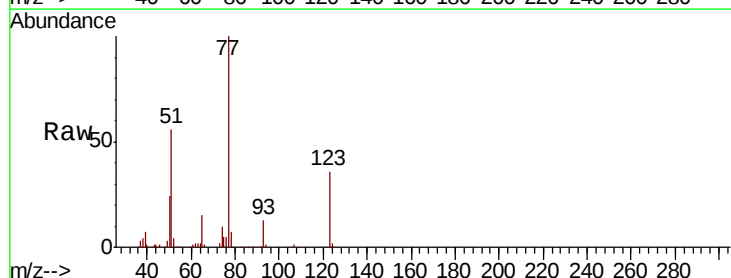
Instrument :
 BNA_G
 ClientSampleId :
 PB119476BS

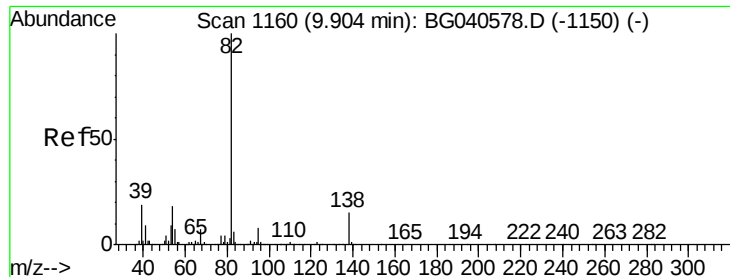
Tot Ion	82	Resp	357310
Ion Ratio	Lower	Upper	
82	100		
128	36.6	28.9	43.3
54	58.0	47.2	70.8



#24
 Nitrobenzene
 Concen: 43.960 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040765.D
 Acq: 7 May 2019 12:09

Tgt Ion	77	Resp	209582
Ion Ratio	Lower	Upper	
77	100		
123	36.1	27.8	41.6
65	15.3	12.4	18.6





#25

Isophorone

Concen: 37.973 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

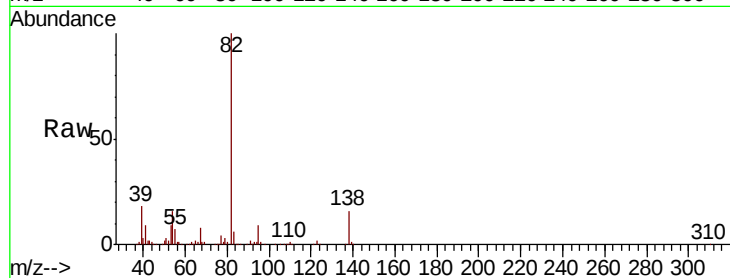
Tot Ion: 82 Resp: 377956

Ion Ratio Lower Upper

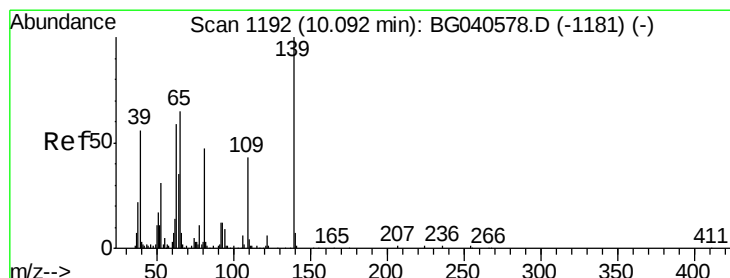
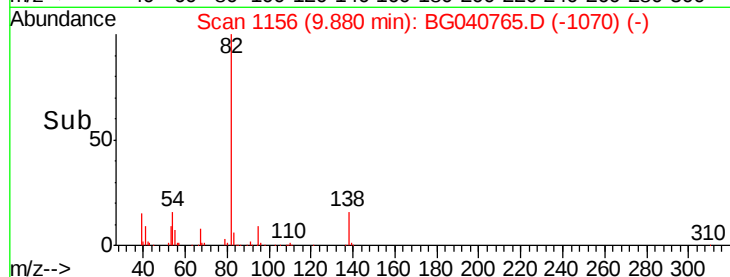
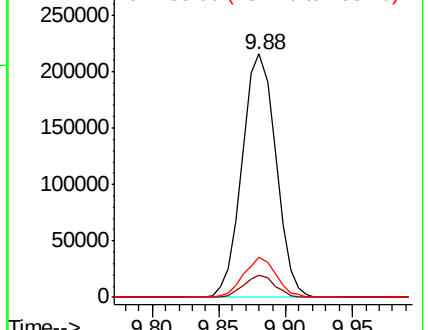
82 100

95 8.9 6.9 10.3

138 16.3 12.3 18.5



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: 50.338 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

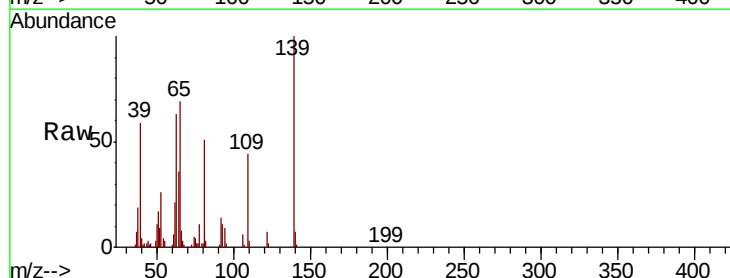
Tgt Ion: 139 Resp: 86026

Ion Ratio Lower Upper

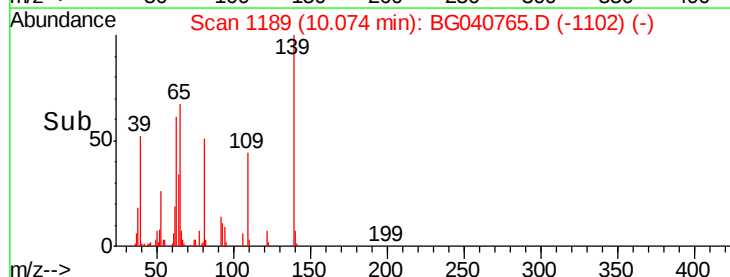
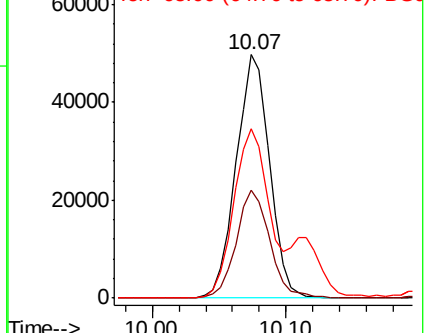
139 100

109 44.1 35.6 53.4

65 69.3 52.3 78.5



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

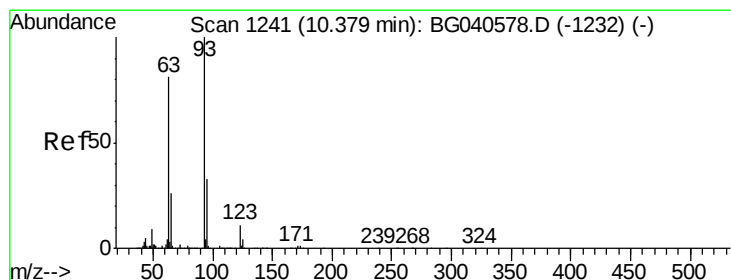
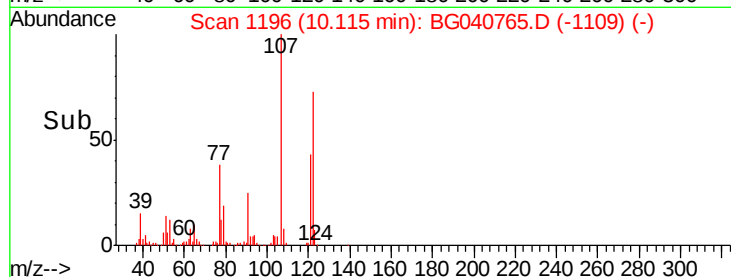
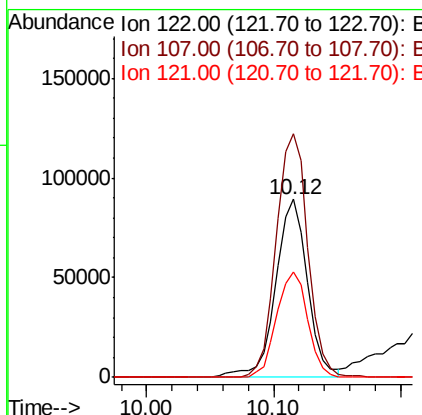
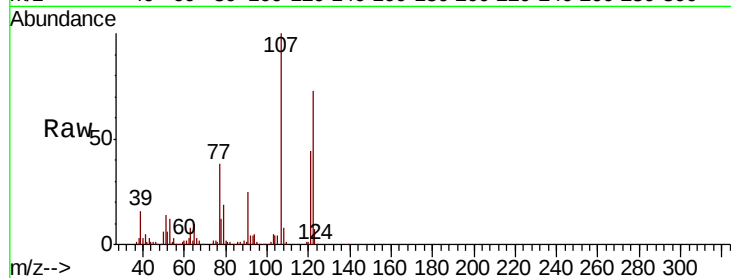




#27
2,4-Dimethylphenol
Concen: 48.831 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

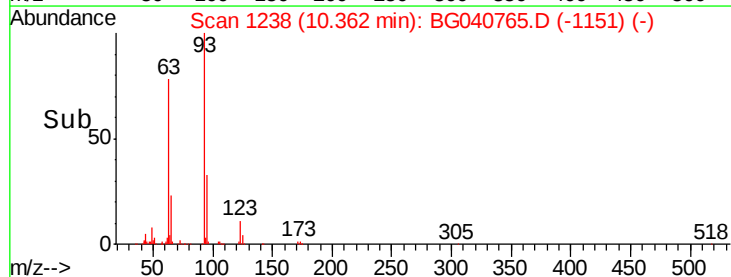
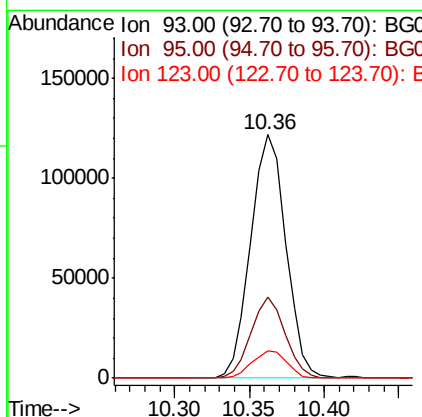
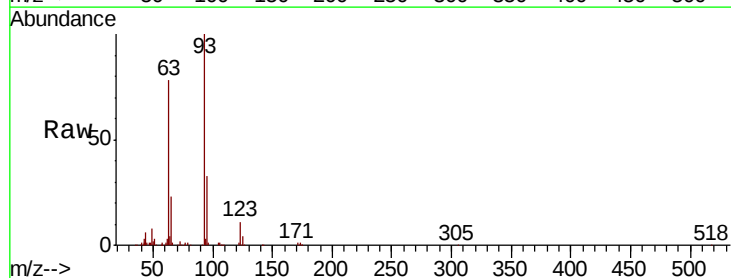
Instrument :
BNA_G
ClientSampleId :
PB119476BS

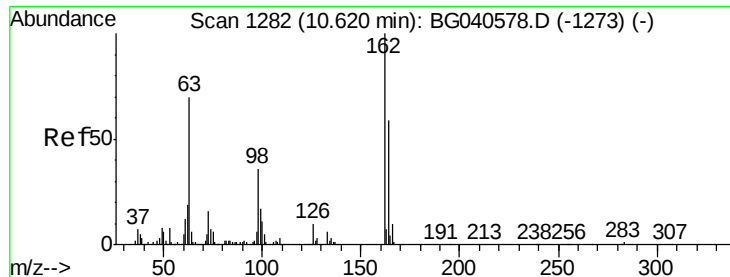
Tot Ion	Ratio	Lower	Upper
122	100		
107	136.7	110.1	165.1
121	59.5	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.873 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	11.1	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 47.604 ng

RT: 10.60 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

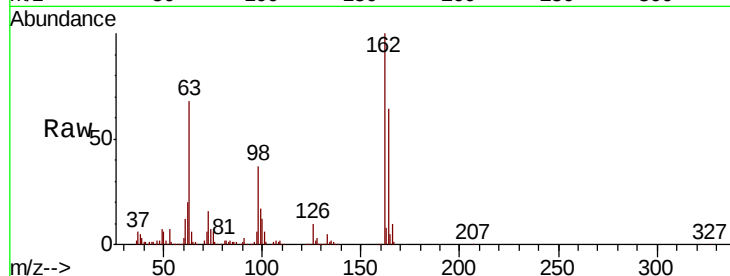
Tot Ion:162 Resp: 173532

Ion Ratio Lower Upper

162 100

164 64.0 38.9 78.9

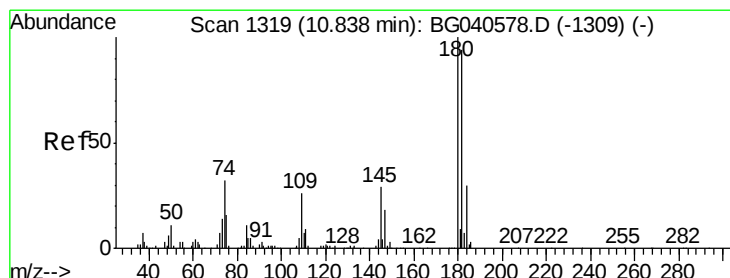
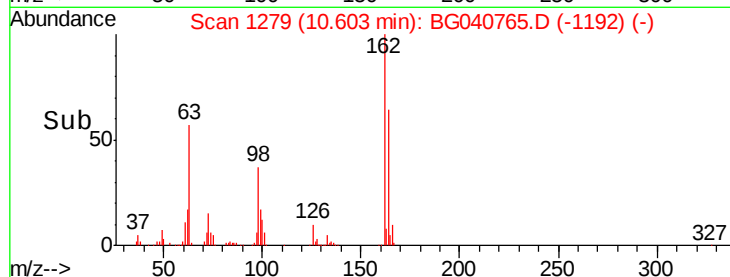
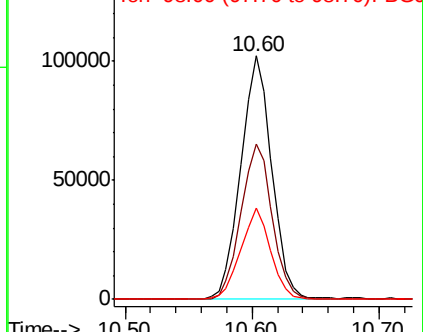
98 37.3 16.8 56.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 45.657 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

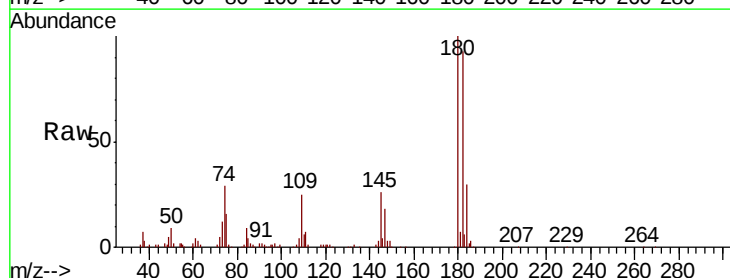
Tgt Ion:180 Resp: 184568

Ion Ratio Lower Upper

180 100

182 93.4 75.2 112.8

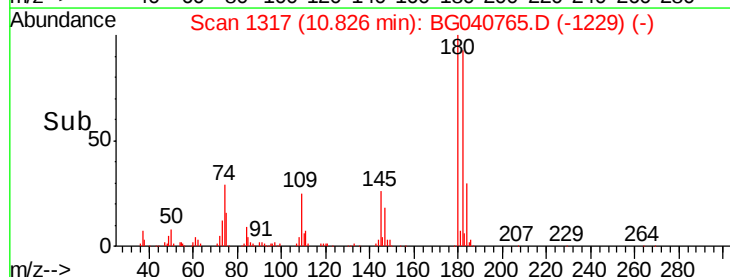
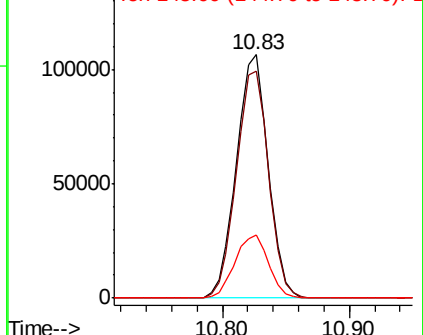
145 26.2 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

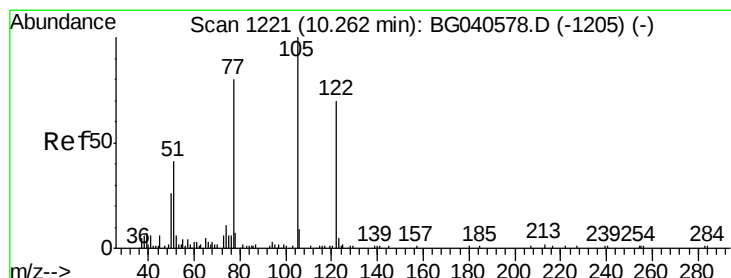
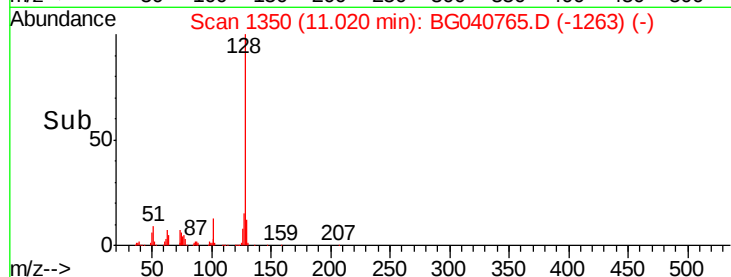
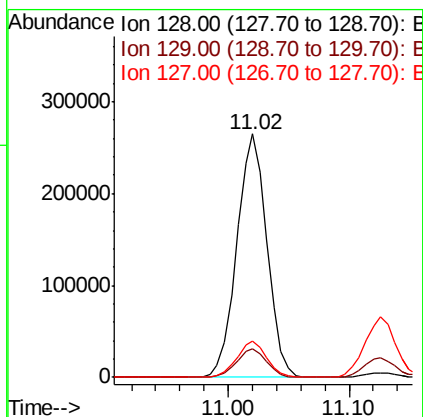
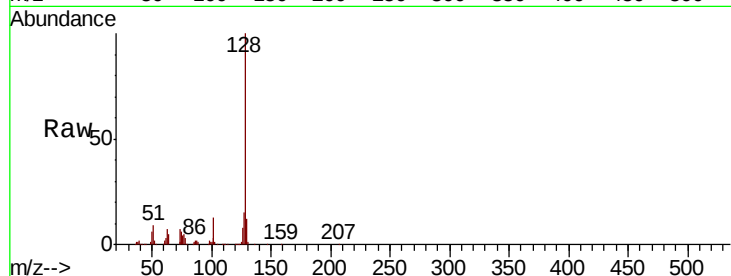




#31
Naphthalene
Concen: 41.728 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

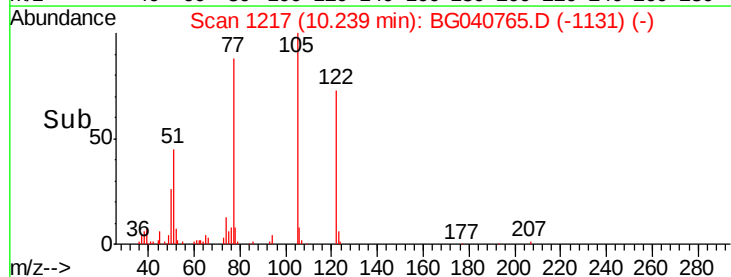
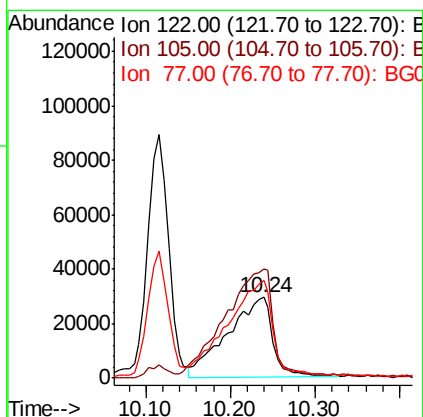
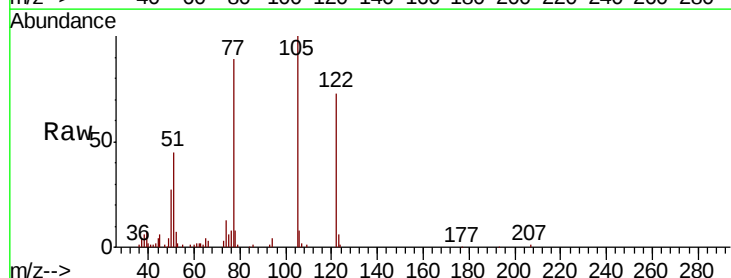
Instrument :
BNA_G
ClientSampleId :
PB119476BS

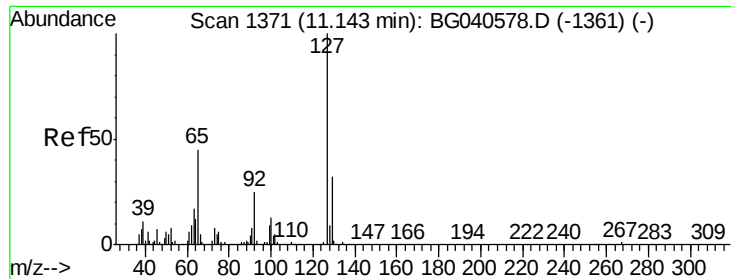
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.6	11.3	16.9



#32
Benzoic acid
Concen: 50.008 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.4	110.9	150.9
77	120.9	87.6	127.6

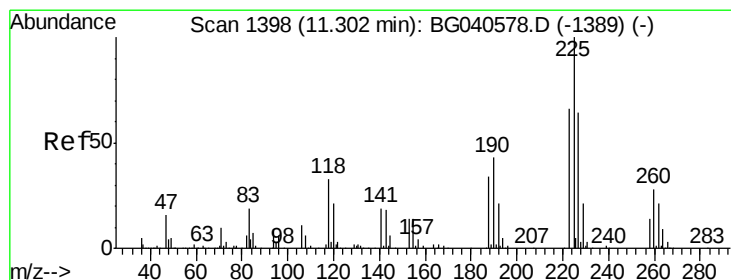
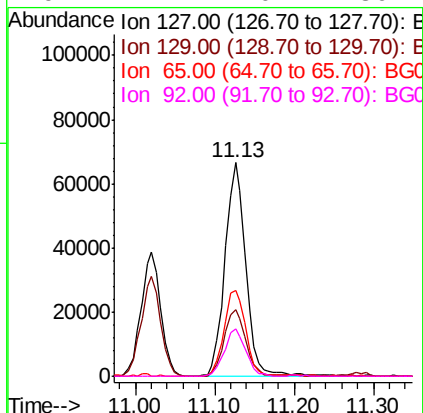
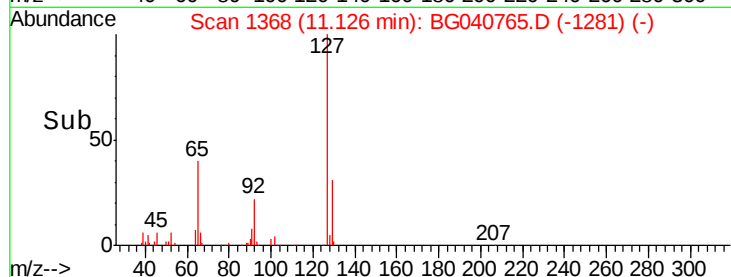
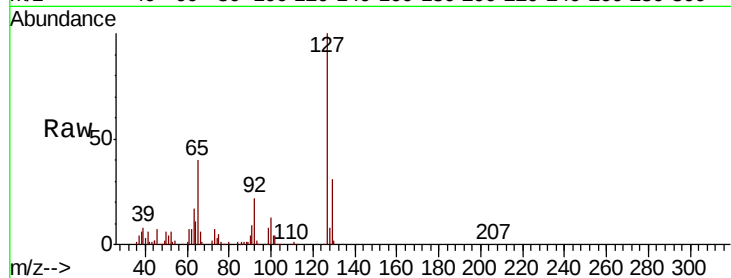




#33
4-Chloroaniline
Concen: 24.891 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

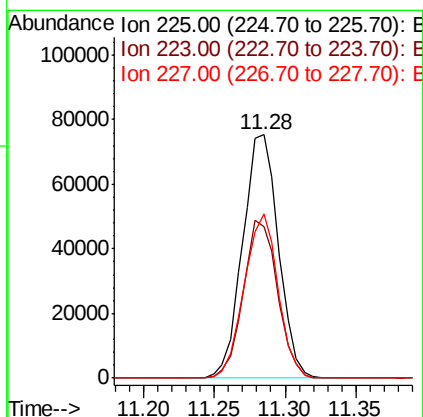
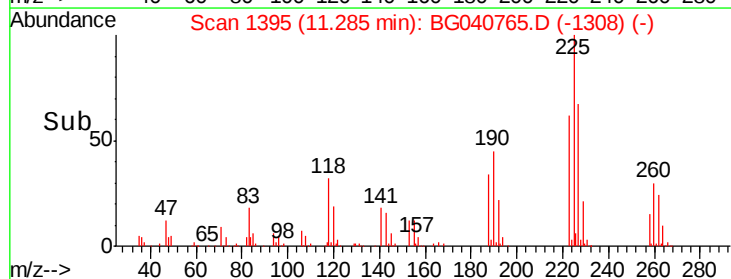
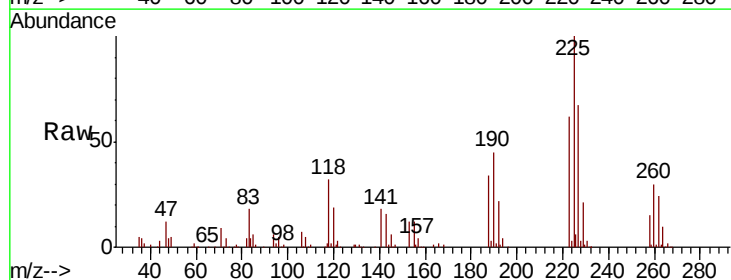
Instrument :
BNA_G
ClientSampleId :
PB119476BS

Tot Ion:	127	Resp:	121055
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.7	38.5
65	40.3	36.1	54.1
92	22.2	20.1	30.1



#34
Hexachlorobutadiene
Concen: 44.850 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion:	225	Resp:	133851
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.4	75.6
227	70.3	51.0	76.6





#35

Caprolactam

Concen: 40.705 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

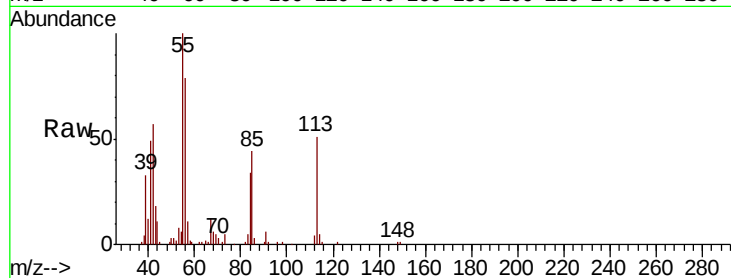
Tot Ion:113 Resp: 58583

Ion Ratio Lower Upper

113 100

55 197.8 198.6 238.6#

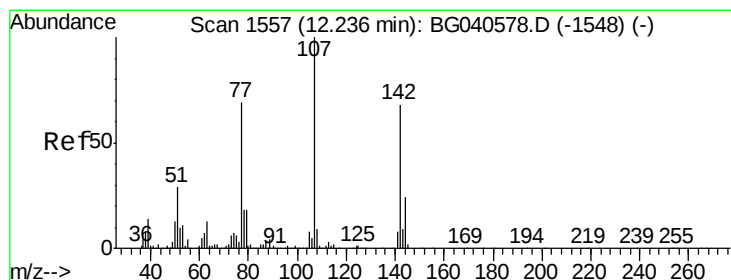
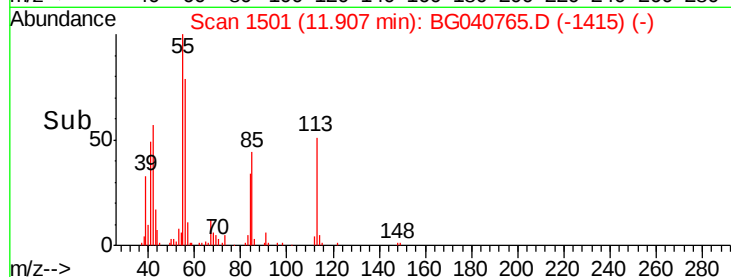
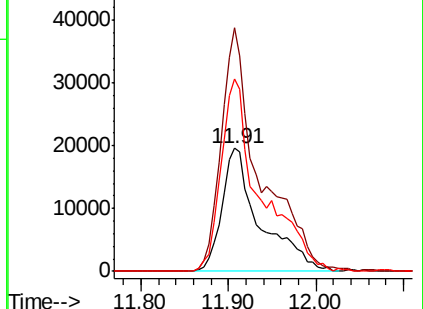
56 156.5 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.659 ng

RT: 12.22 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

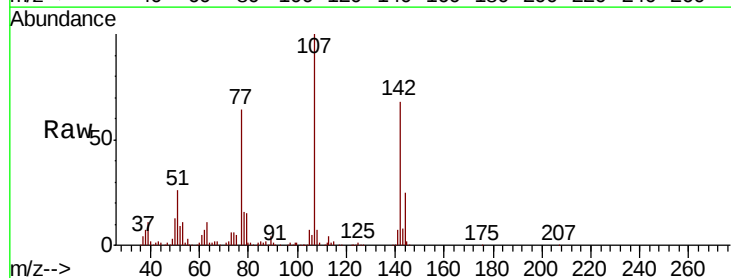
Tgt Ion:107 Resp: 200772

Ion Ratio Lower Upper

107 100

144 24.9 19.3 28.9

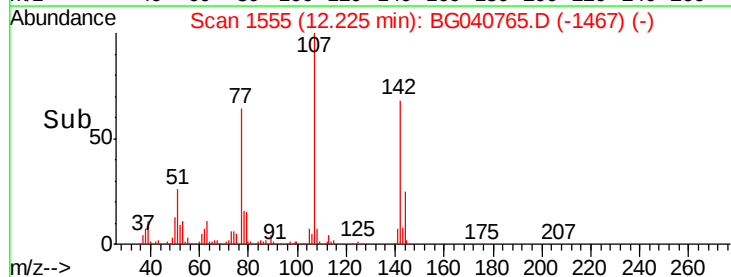
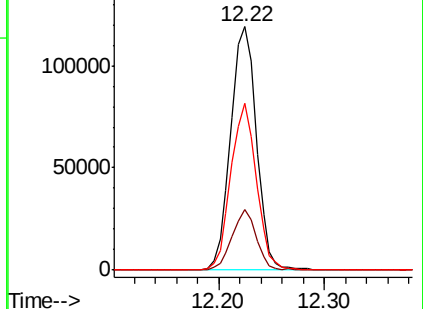
142 68.4 54.6 81.8

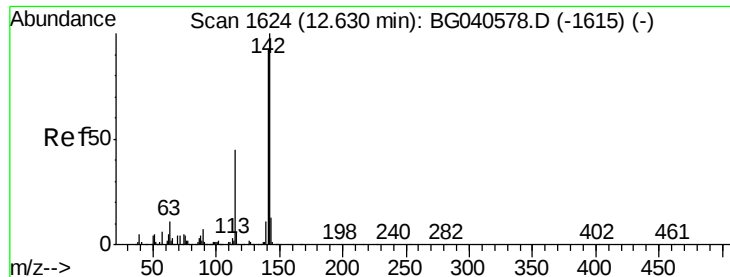


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

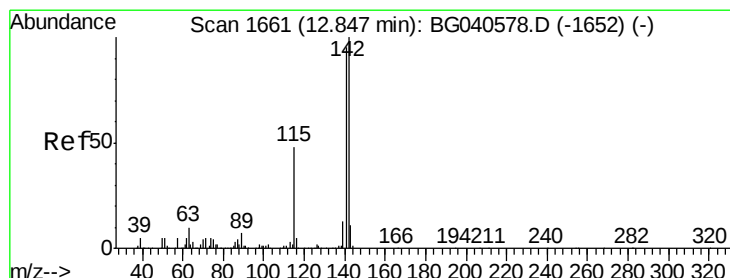
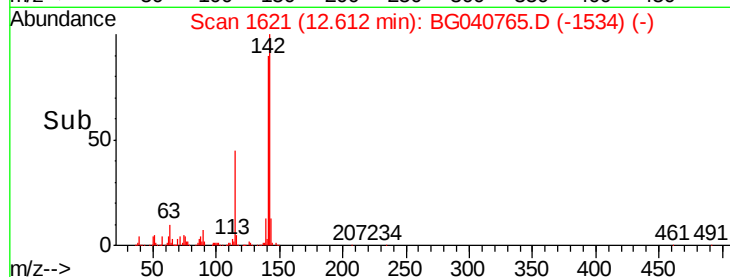
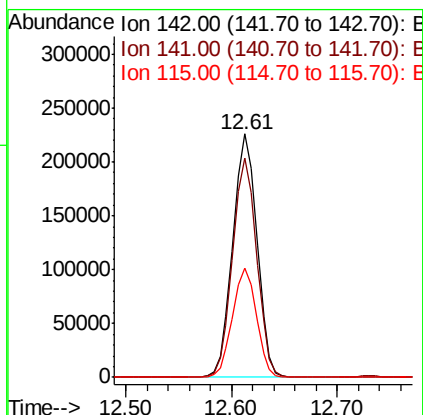
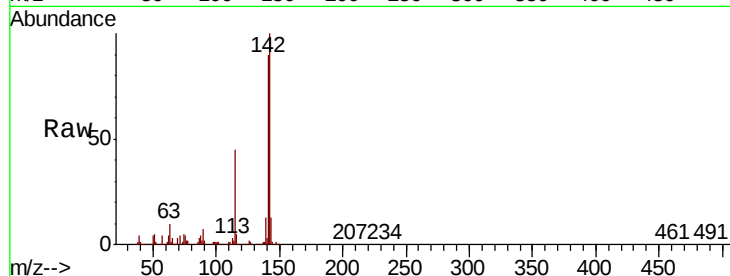




#37
2-Methylnaphthalene
Concen: 43.532 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

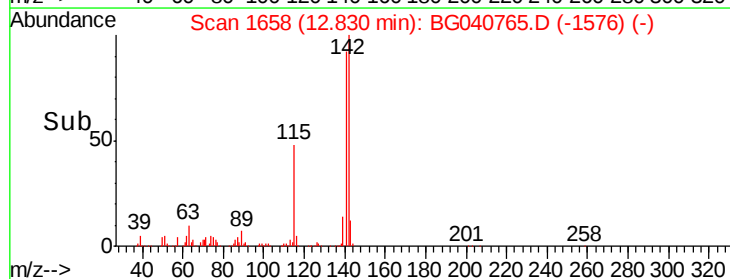
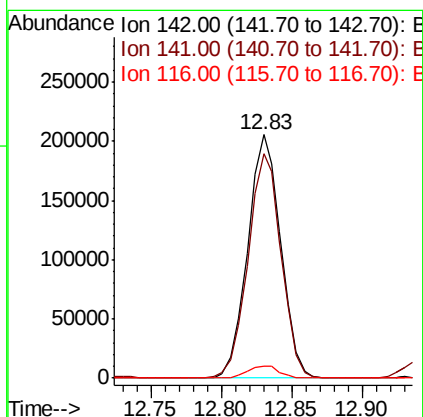
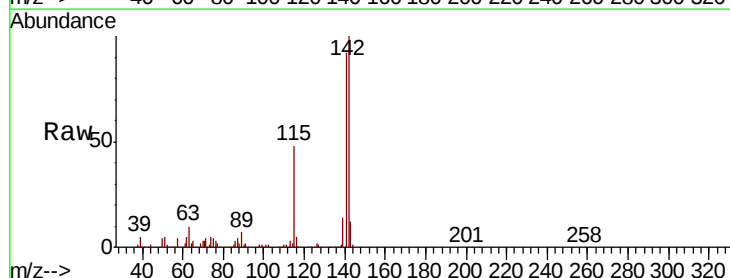
Instrument :
BNA_G
ClientSampleId :
PB119476BS

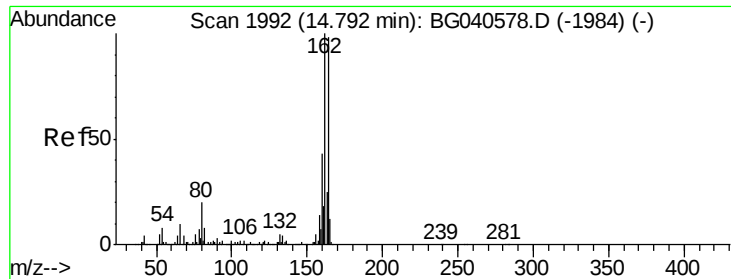
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.4	110.2
115	44.8	36.2	54.4



#38
1-Methylnaphthalene
Concen: 41.800 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.9	113.9
116	4.9	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

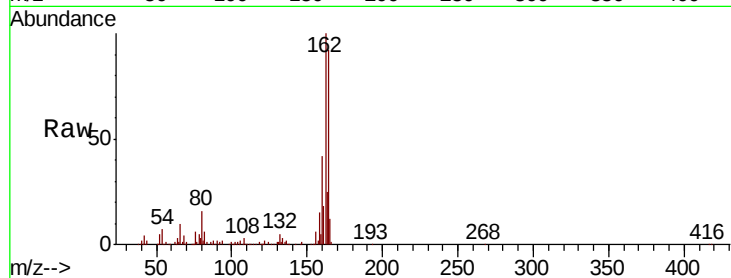
Tot Ion:164 Resp: 146405

Ion Ratio Lower Upper

164 100

162 108.9 81.9 122.9

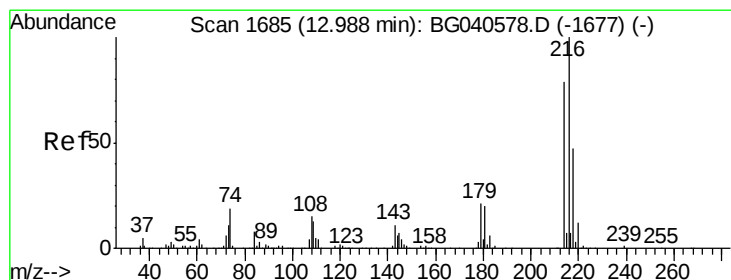
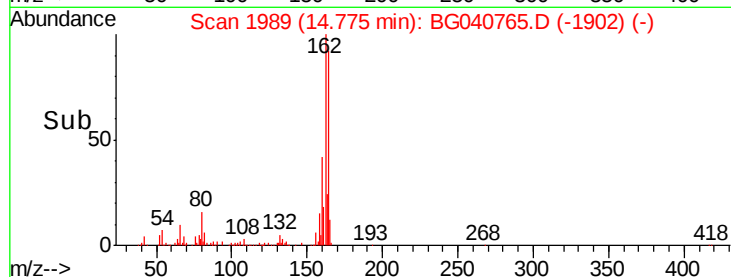
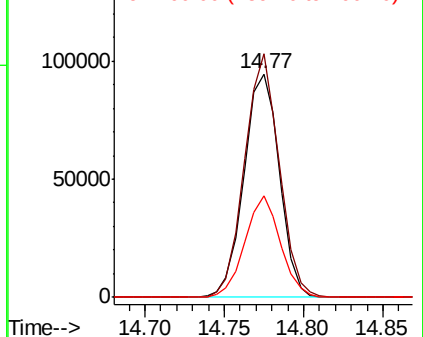
160 45.2 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.862 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Tgt Ion:216 Resp: 250127

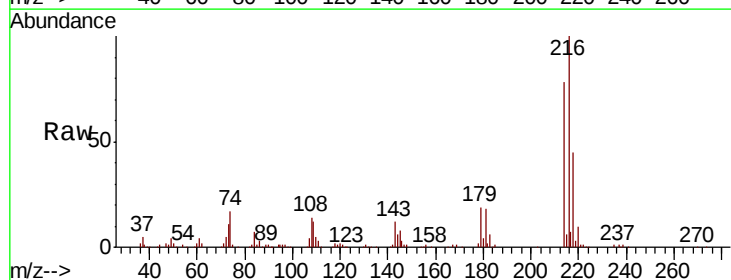
Ion Ratio Lower Upper

216 100

214 77.5 63.7 95.5

179 19.3 16.6 24.8

108 16.6 14.7 22.1

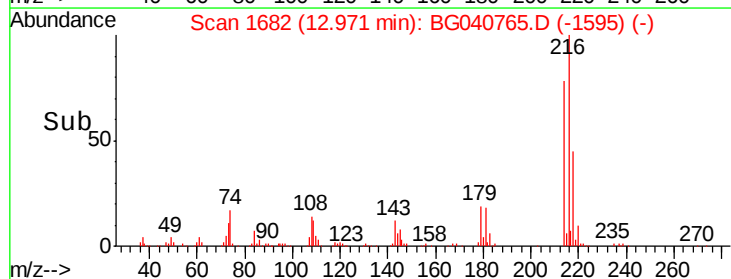
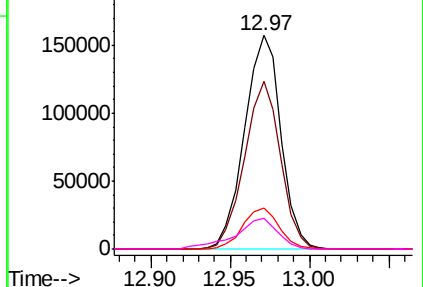


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.564 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

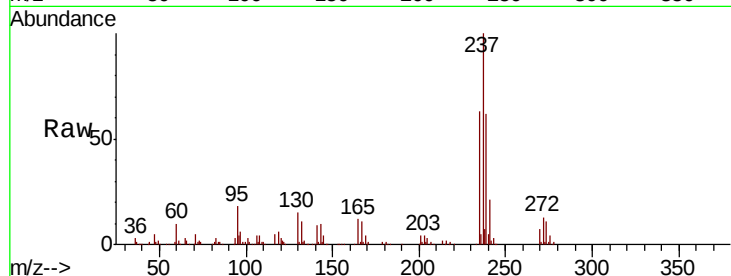
Tot Ion:237 Resp: 220659

Ion Ratio Lower Upper

237 100

235 62.8 42.5 82.5

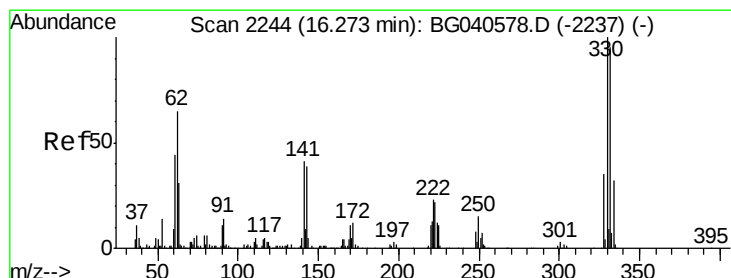
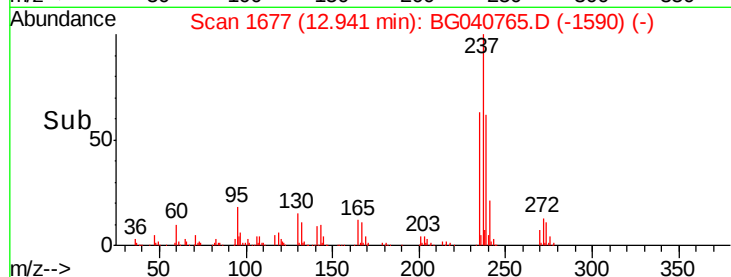
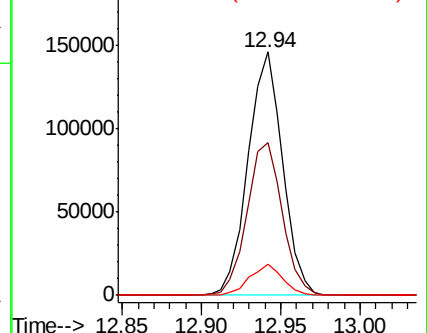
272 12.6 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 156.243 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

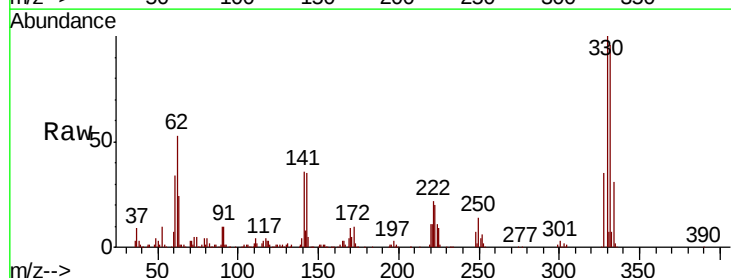
Tgt Ion:330 Resp: 314418

Ion Ratio Lower Upper

330 100

332 95.5 75.9 113.9

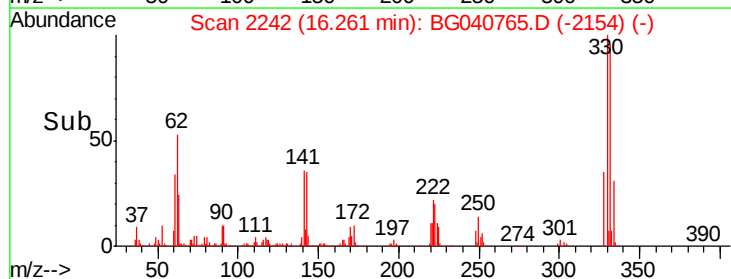
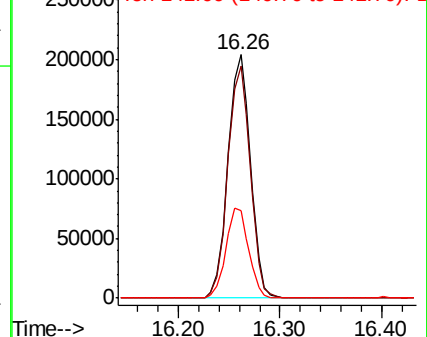
141 37.3 32.4 48.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

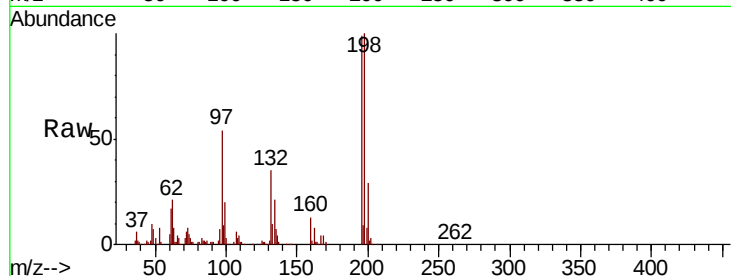




#43
 2,4,6-Trichlorophenol
 Concen: 49.746 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040765.D
 Acq: 7 May 2019 12:09

Instrument :
 BNA_G
 ClientSampled :
 PB119476BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.2	74.8	112.2
200	29.4	24.9	37.3

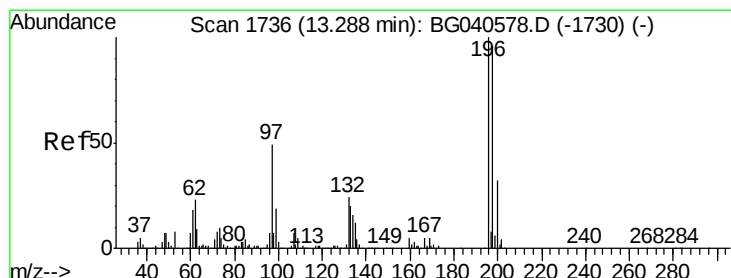
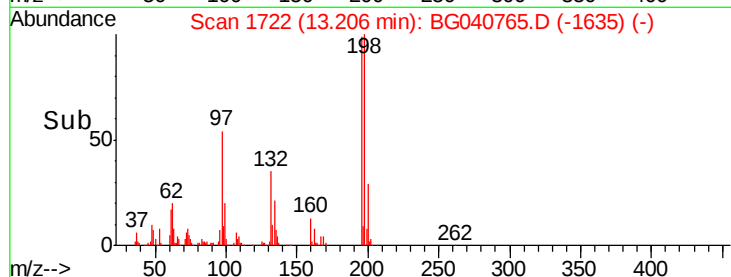
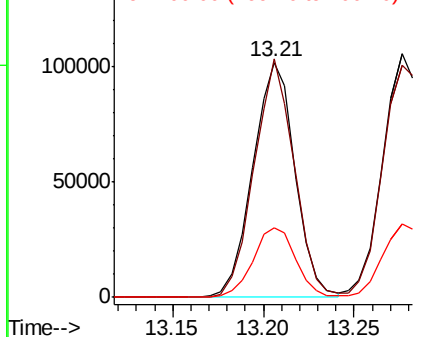


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 48.257 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040765.D
 Acq: 7 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.0	115.6
97	49.0	40.0	60.0
132	24.4	19.2	28.8

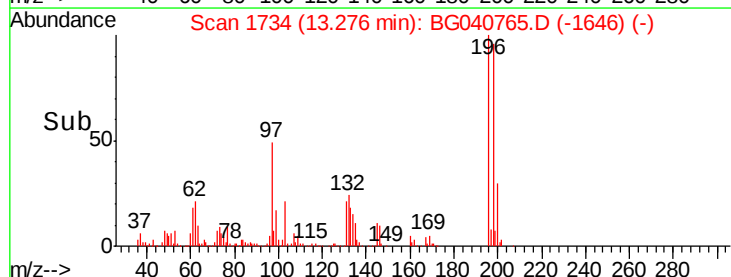
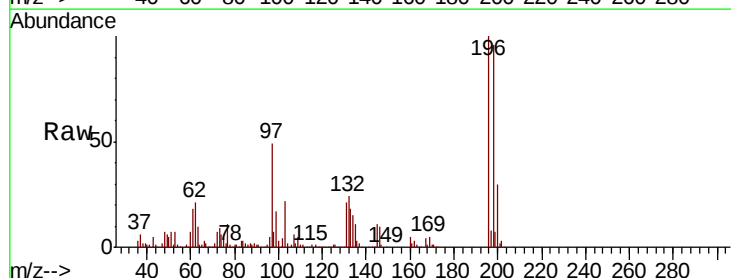
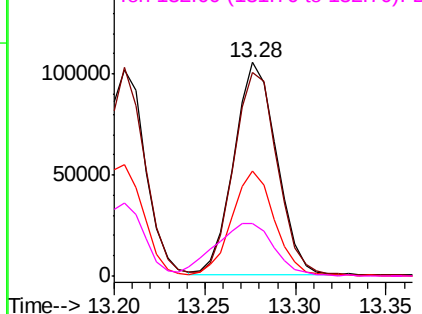
Abundance

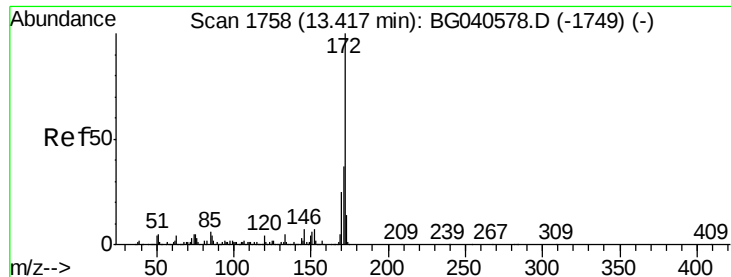
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

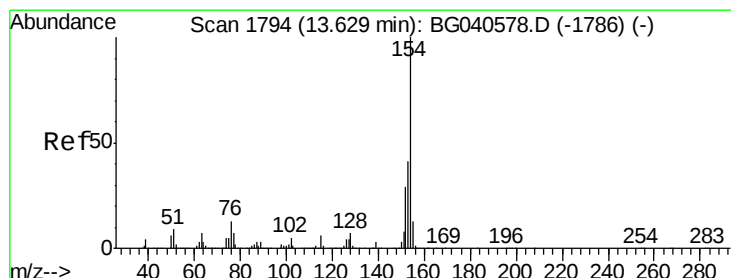
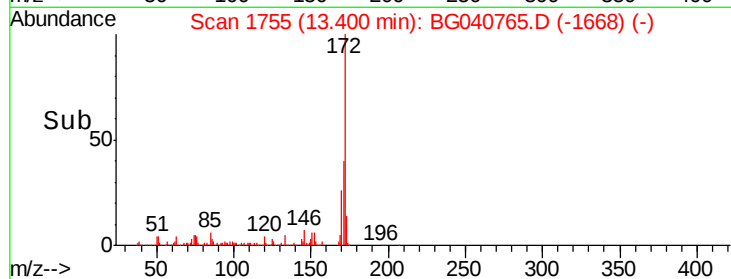
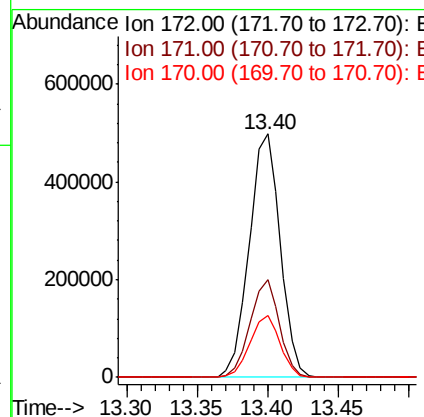
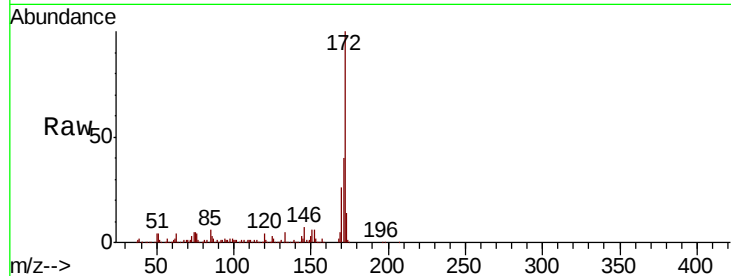




#45
2-Fluorobiphenyl
Concen: 75.613 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

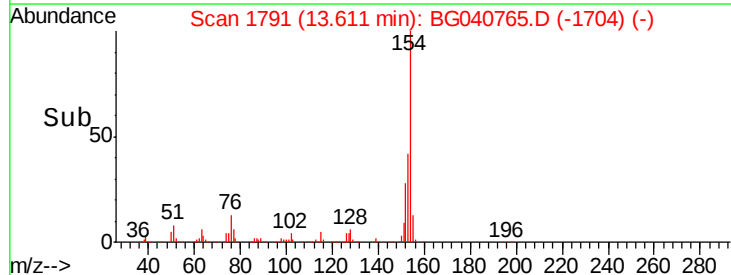
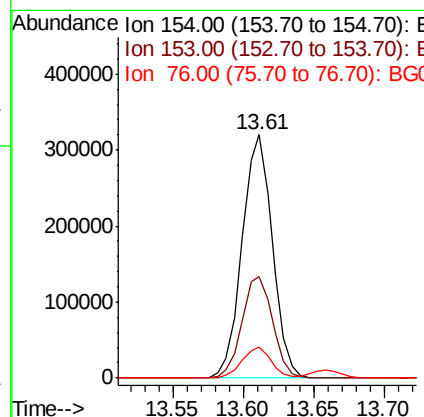
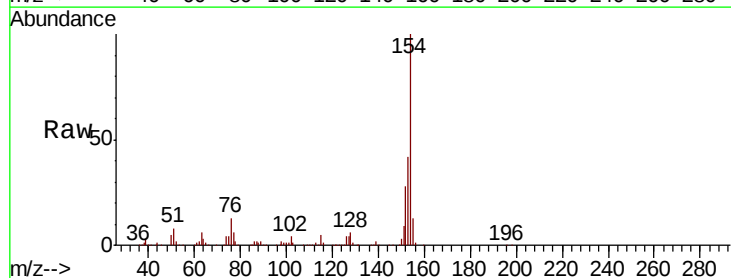
Instrument :
BNA_G
ClientSampleId :
PB119476BS

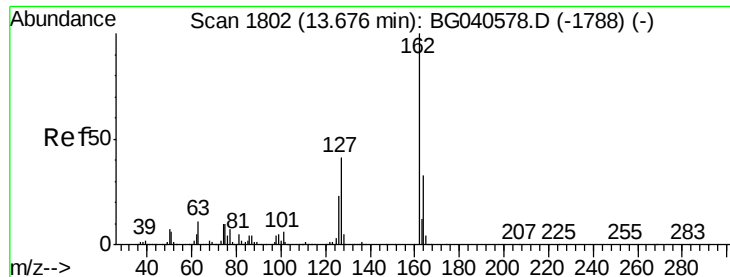
Tot Ion	Ratio	Lower	Upper
172	100		
171	40.1	29.4	44.2
170	25.5	19.9	29.9



#46
1,1'-Biphenyl
Concen: 42.048 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.5	60.5
76	12.8	0.0	32.5

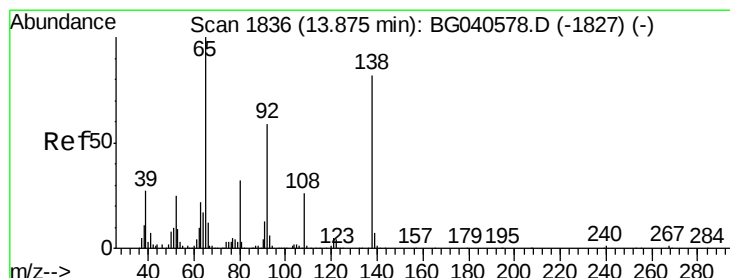
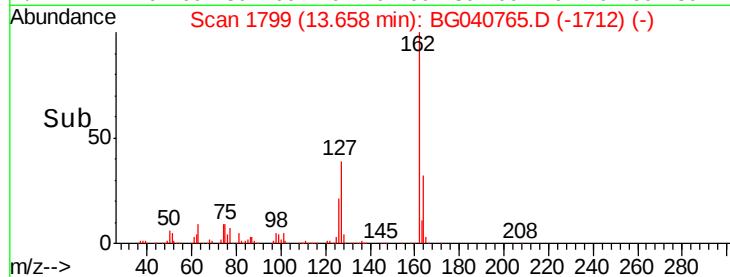
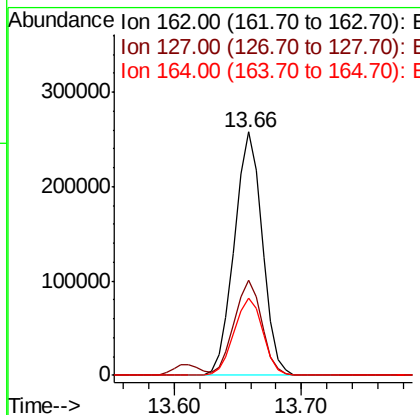
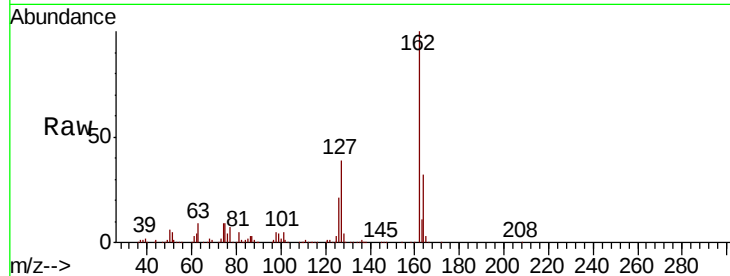




#47
 2-Chloronaphthalene
 Concen: 44.167 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040765.D
 Acq: 7 May 2019 12:09

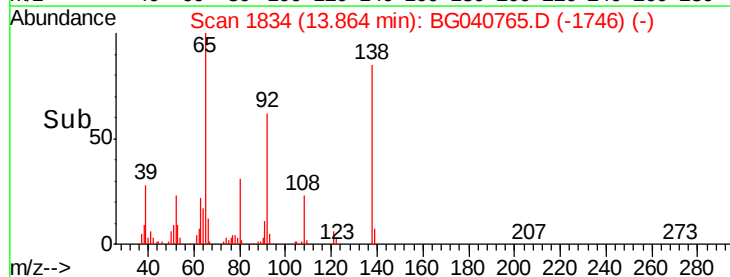
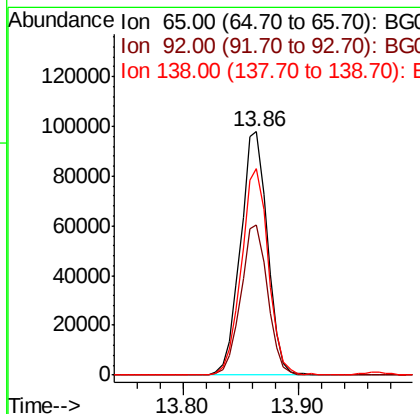
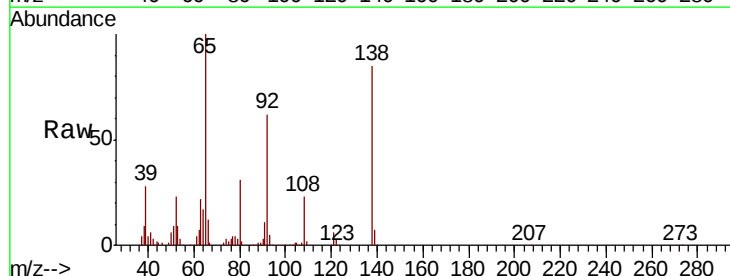
Instrument :
 BNA_G
 ClientSampleId :
 PB119476BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.0	49.4
164	31.7	26.8	40.2



#48
 2-Nitroaniline
 Concen: 50.322 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040765.D
 Acq: 7 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	47.4	71.0
138	84.8	66.1	99.1





#49

Acenaphthylene

Concen: 40.380 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

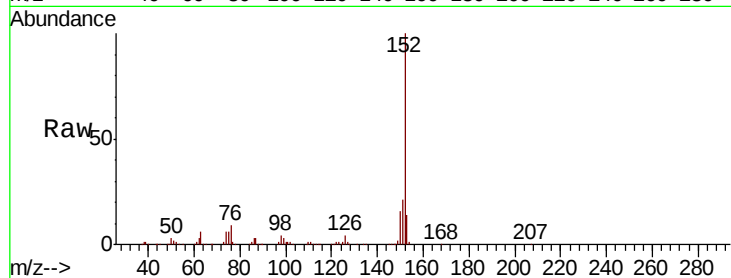
Tot Ion:152 Resp: 609442

Ion Ratio Lower Upper

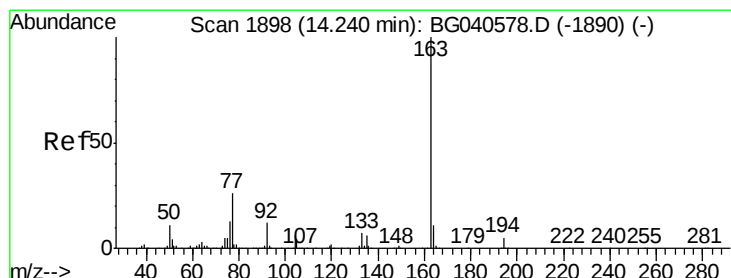
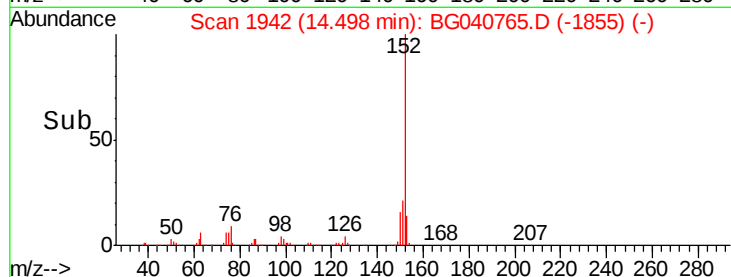
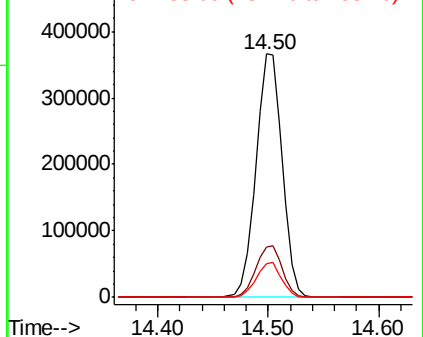
152 100

151 20.7 17.2 25.8

153 14.1 10.7 16.1



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: 42.522 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

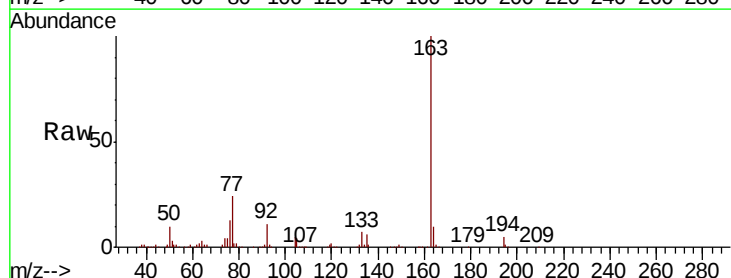
Tgt Ion:163 Resp: 520874

Ion Ratio Lower Upper

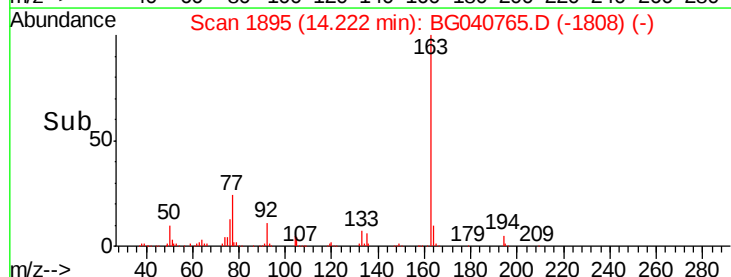
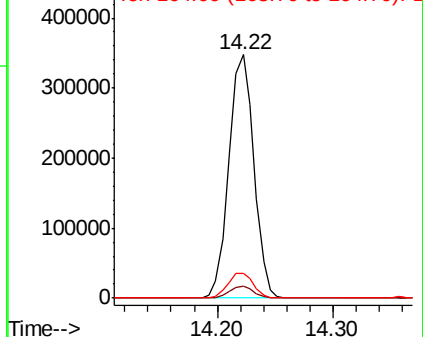
163 100

194 4.8 3.8 5.8

164 10.4 8.8 13.2



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: 48.962 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

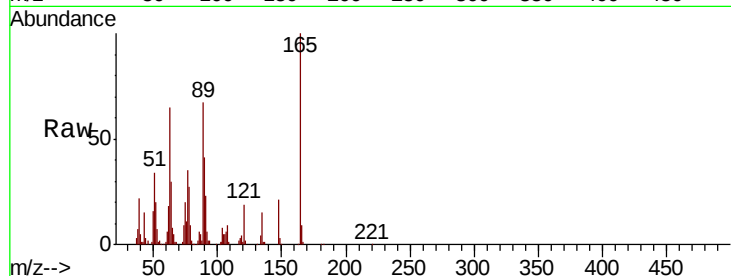
Tot Ion:165 Resp: 117055

Ion Ratio Lower Upper

165 100

63 65.5 61.0 91.4

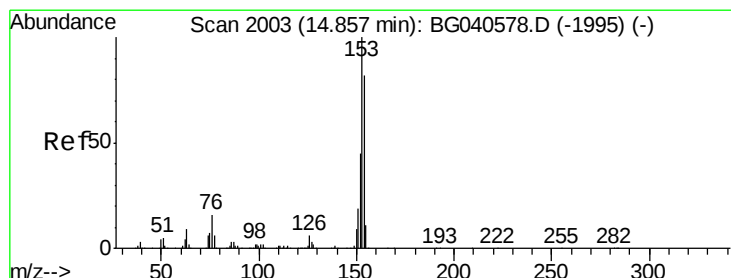
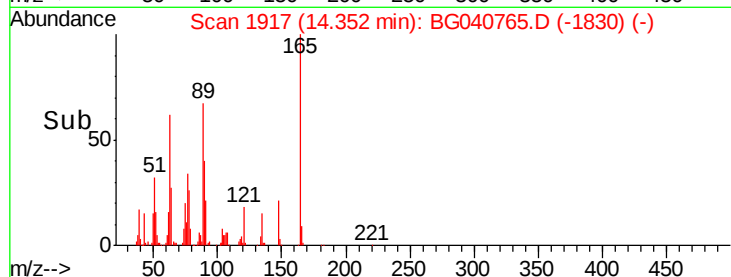
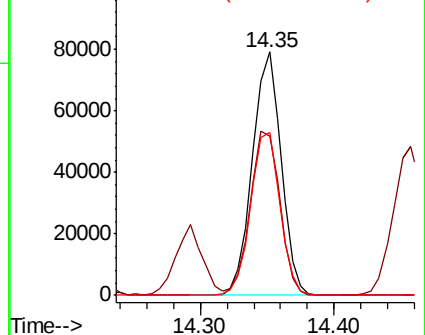
89 67.1 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.774 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

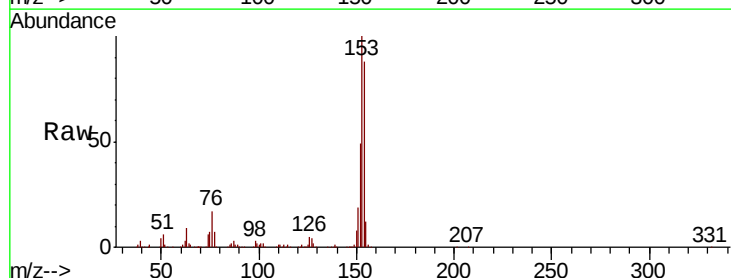
Tgt Ion:154 Resp: 358377

Ion Ratio Lower Upper

154 100

153 113.8 97.0 145.6

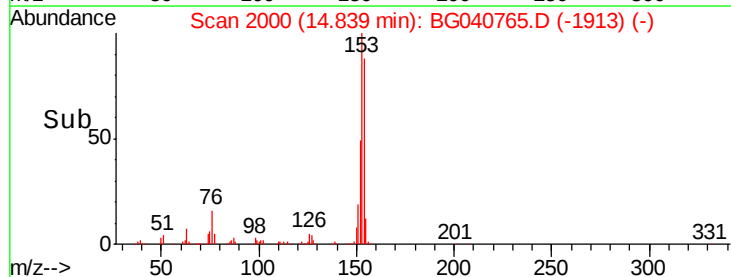
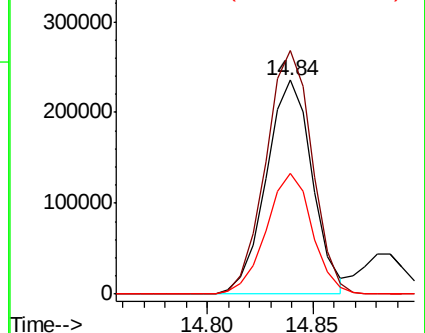
152 56.2 44.1 66.1

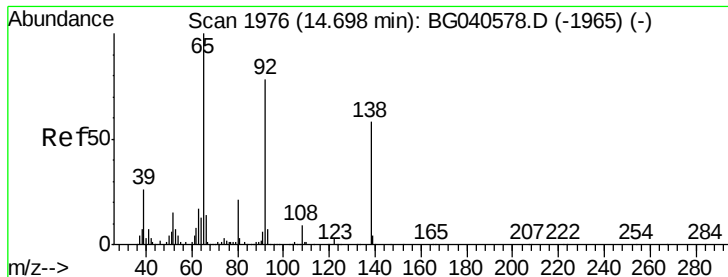


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

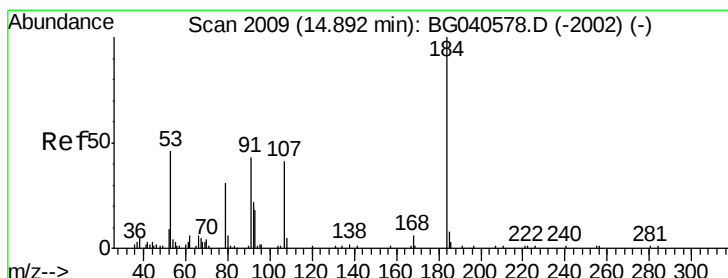
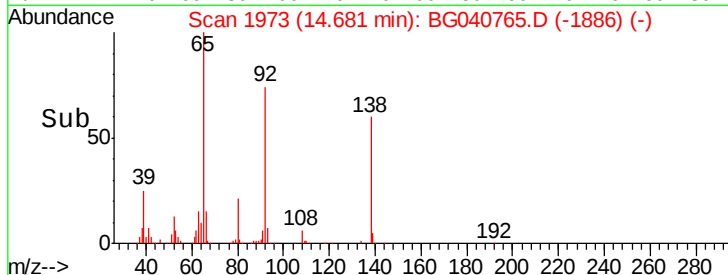
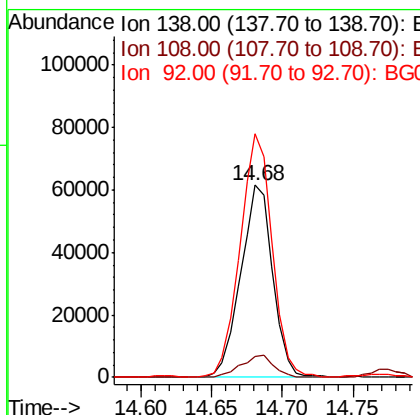
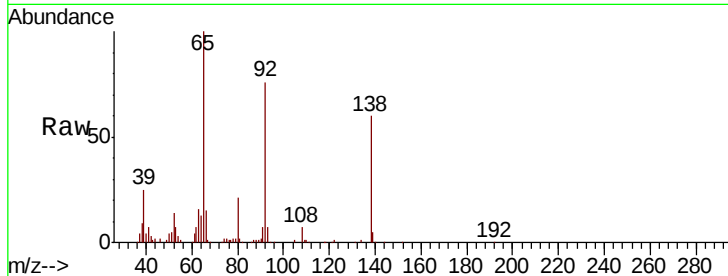




#53
3-Nitroaniline
Concen: 39.785 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

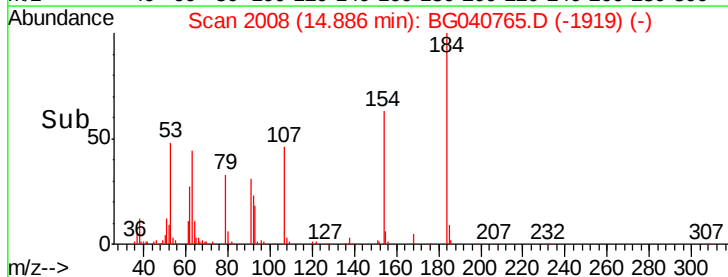
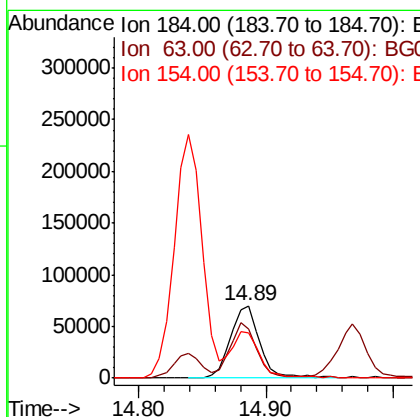
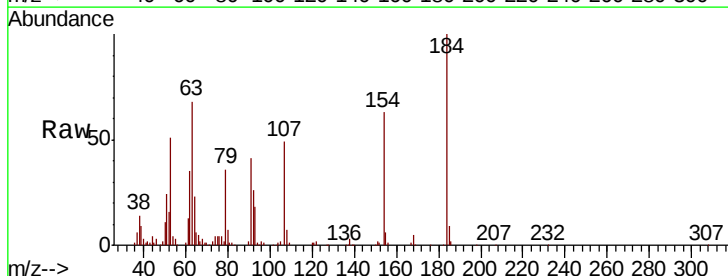
Instrument :
BNA_G
ClientSampleId :
PB119476BS

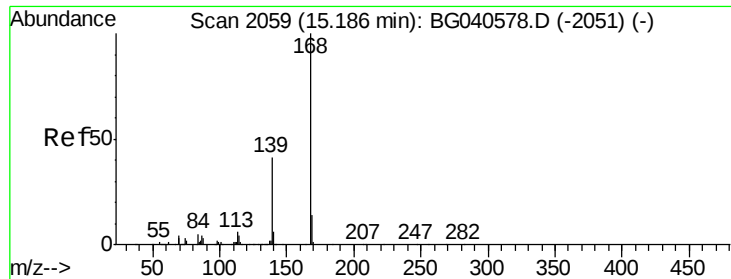
Tot Ion:138 Resp: 97455
Ion Ratio Lower Upper
138 100
108 10.9 12.4 18.6#
92 126.6 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 81.827 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion:184 Resp: 110568
Ion Ratio Lower Upper
184 100
63 68.3 51.8 77.6
154 62.9 43.6 65.4

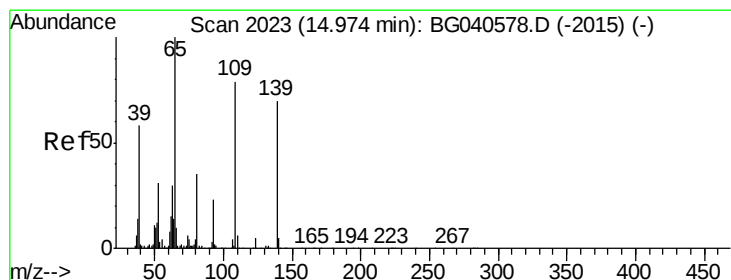
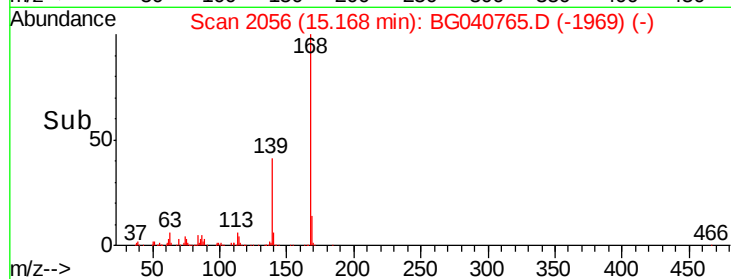
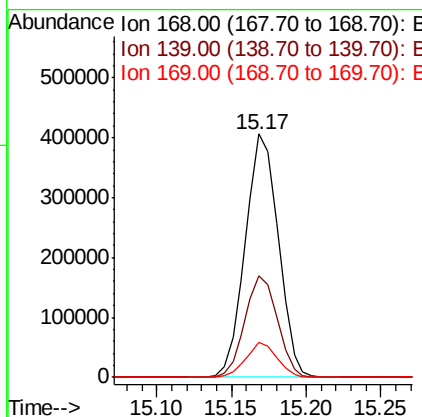
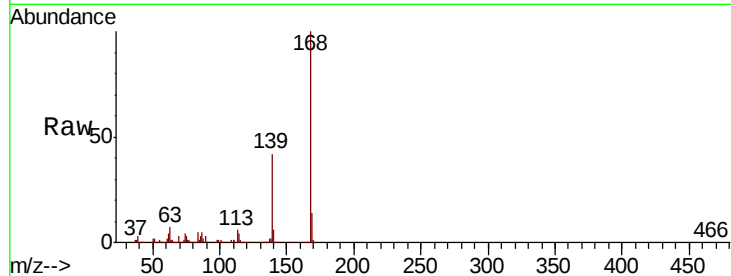




#55
Dibenzenofuran
Concen: 43.226 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

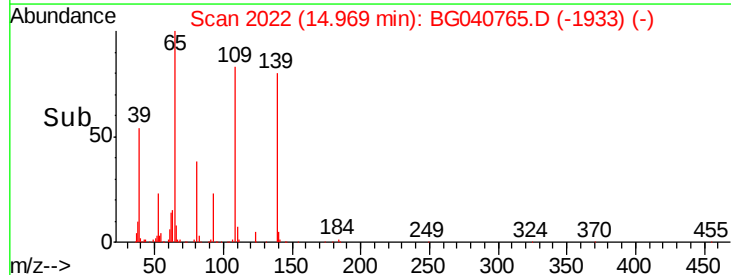
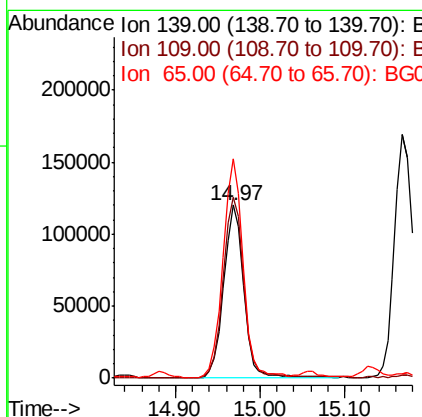
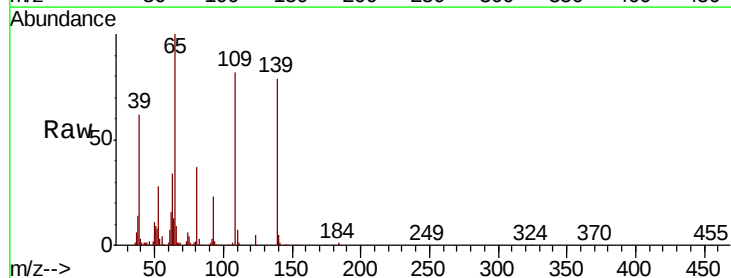
Instrument :
BNA_G
ClientSampleId :
PB119476BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.0	49.4
169	14.3	11.0	16.4



#56
4-Nitrophenol
Concen: 93.724 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.4	93.8	133.8
65	126.8	122.7	162.7





#57

2,4-Dinitrotoluene

Concen: 53.437 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

Tot Ion:165 Resp: 173595

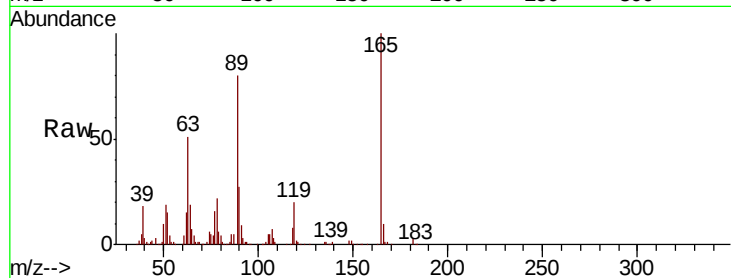
Ion Ratio Lower Upper

165 100

63 50.9 45.8 68.8

89 80.4 69.4 104.2

182 3.0 2.2 3.4

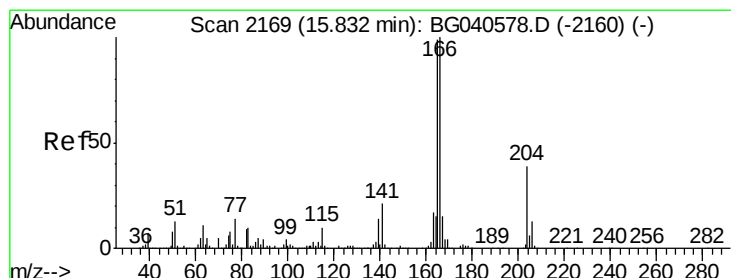
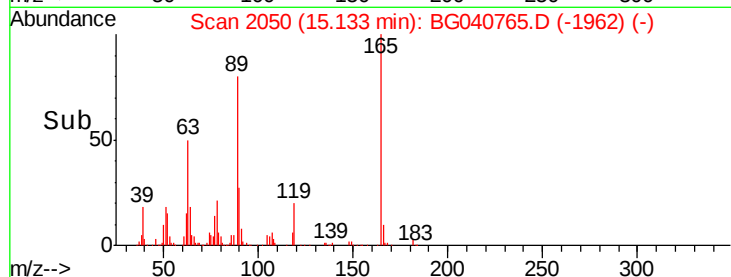
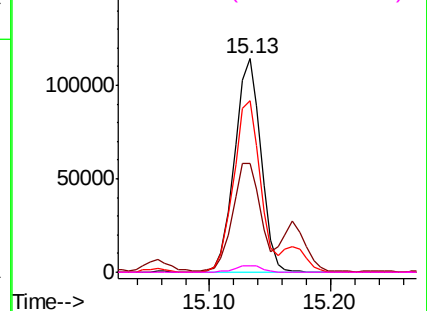


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.672 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

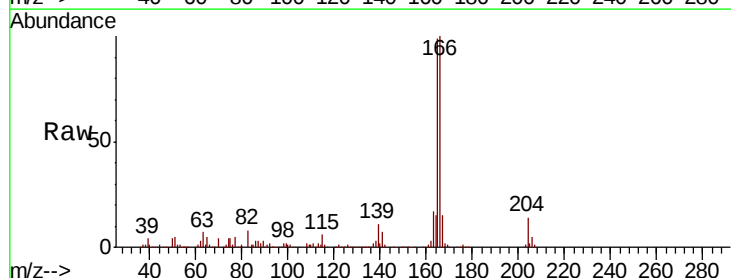
Tgt Ion:166 Resp: 496538

Ion Ratio Lower Upper

166 100

165 99.1 79.6 119.4

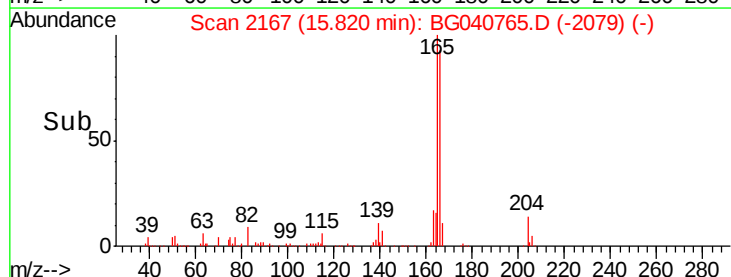
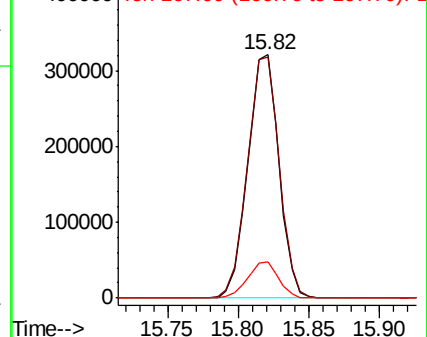
167 14.8 12.2 18.2

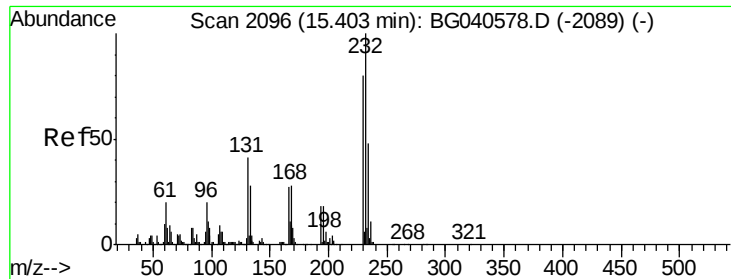


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

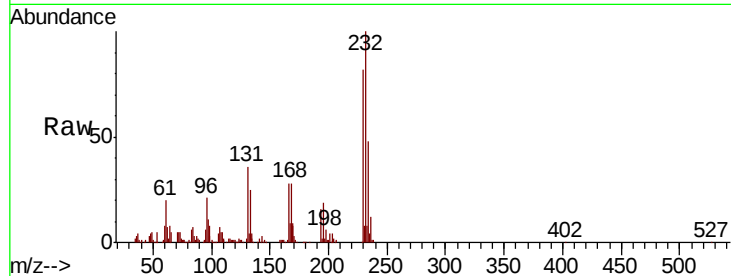




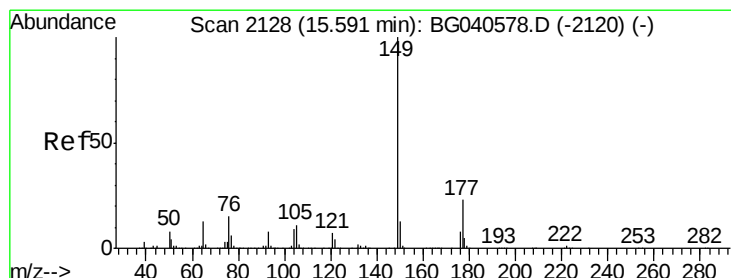
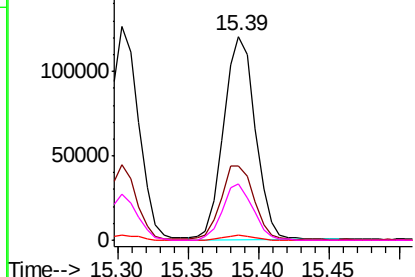
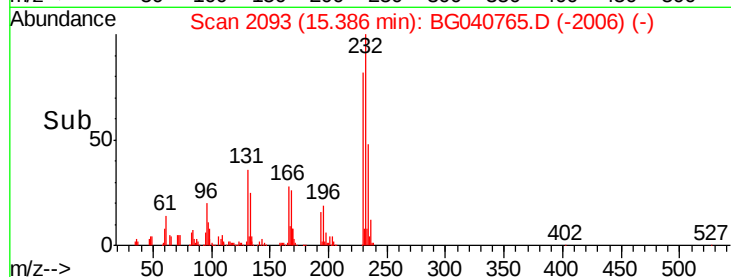
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.267 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Instrument :
BNA_G
ClientSampleId :
PB119476BS

Tot Ion:232	Resp:	188880
Ion Ratio	Lower	Upper
232	100	
131	37.5	33.0 49.4
130	2.3	2.0 3.0
166	27.0	22.1 33.1

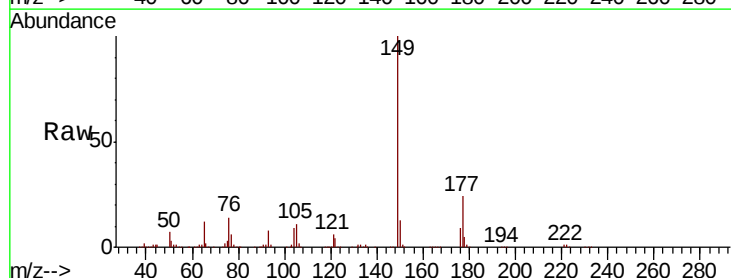


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

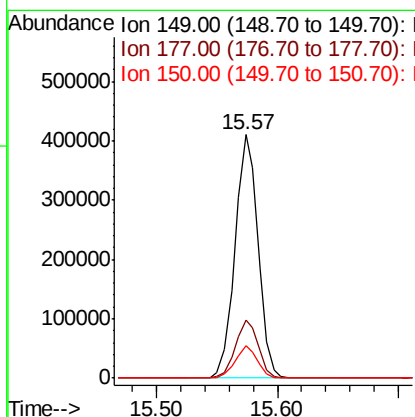
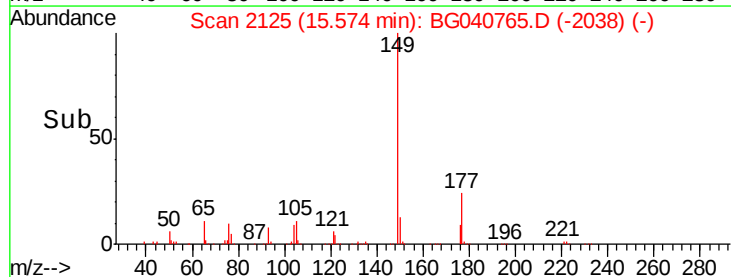


#60
Diethylphthalate
Concen: 42.013 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion:149	Resp:	542984
Ion Ratio	Lower	Upper
149	100	
177	23.8	18.5 27.7
150	13.4	10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

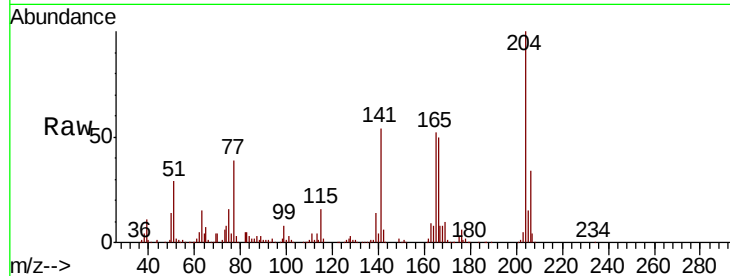




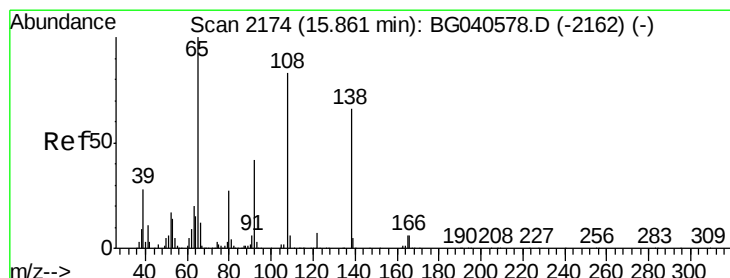
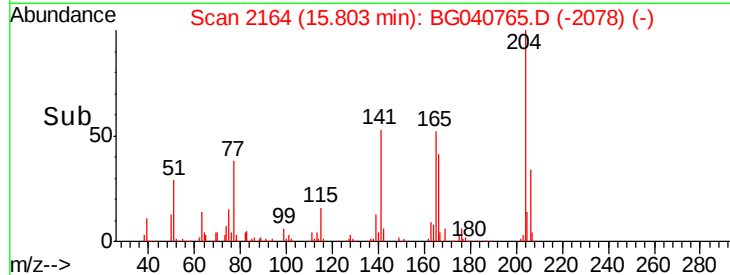
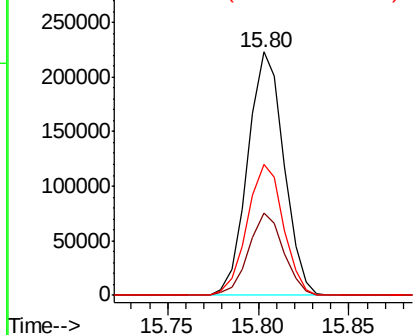
#61
4-Chlorophenyl-phenylether
Concen: 45.665 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Instrument :
BNA_G
ClientSampleId :
PB119476BS

Tot Ion:204 Resp: 309039
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 53.5 46.0 69.0

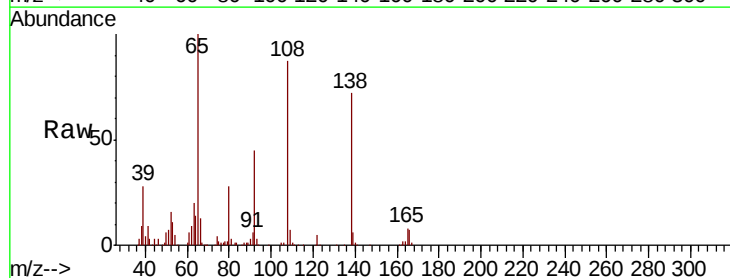


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

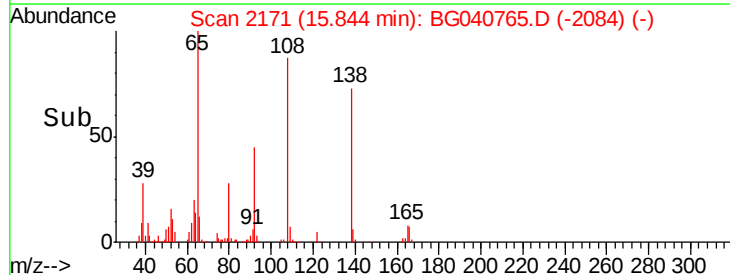
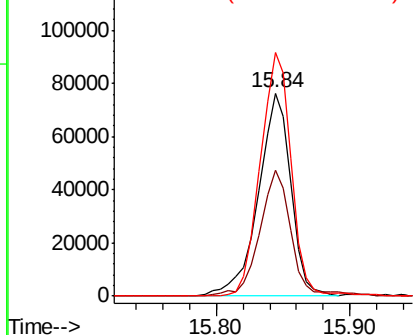


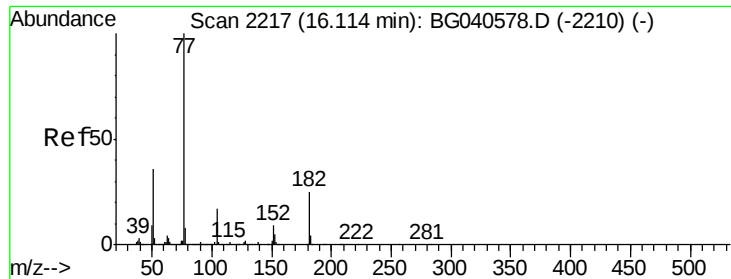
#62
4-Nitroaniline
Concen: 47.001 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion:138 Resp: 128789
Ion Ratio Lower Upper
138 100
92 61.8 43.9 83.9
108 120.1 106.5 146.5



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





#63

Azobenzene

Concen: 40.049 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

Tot Ion: 77 Resp: 533052

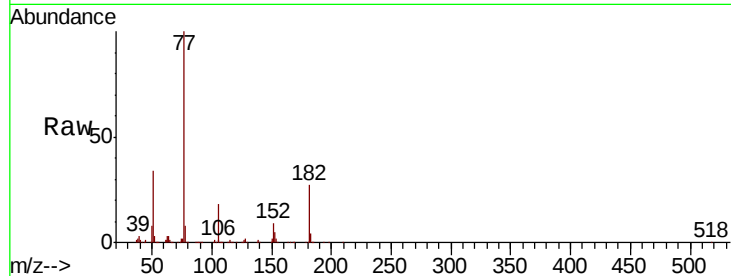
Ion Ratio Lower Upper

77 100

182 27.0 5.0 45.0

105 17.7 0.0 37.6

51 34.5 16.3 56.3

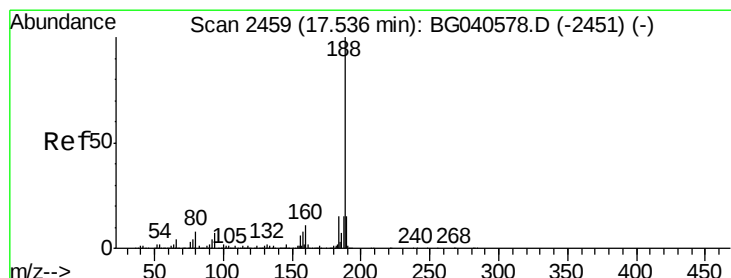
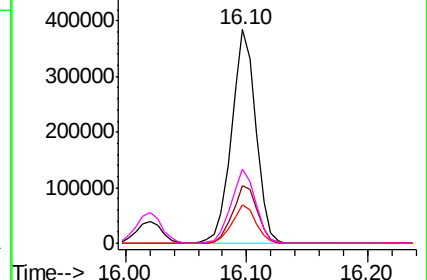
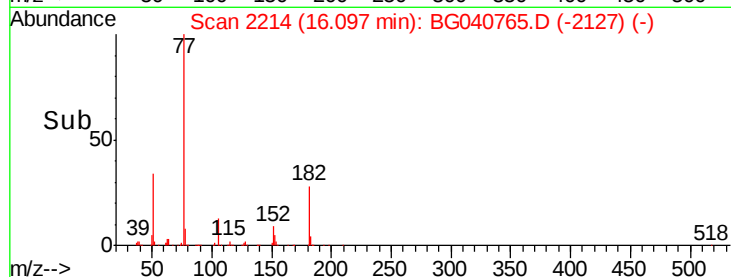


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

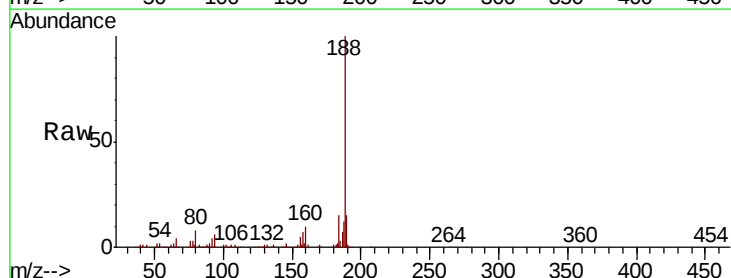
Tgt Ion: 188 Resp: 405140

Ion Ratio Lower Upper

188 100

94 5.6 5.6 8.4#

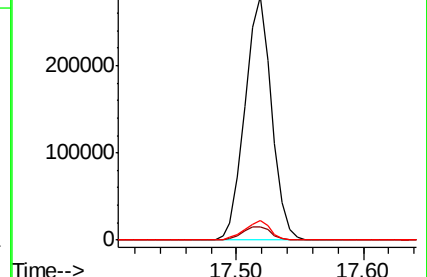
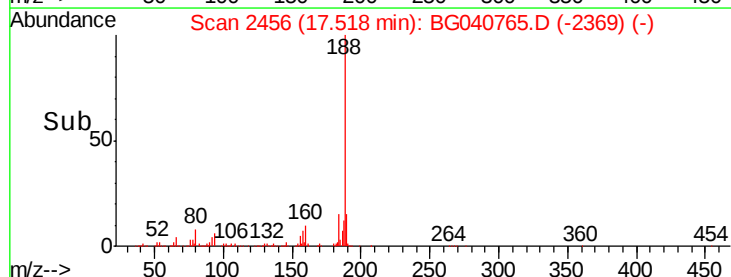
80 8.0 6.4 9.6

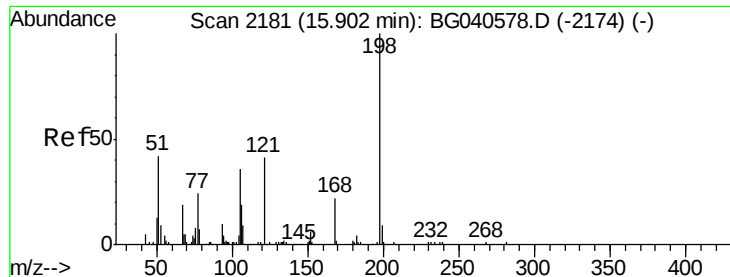


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.993 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

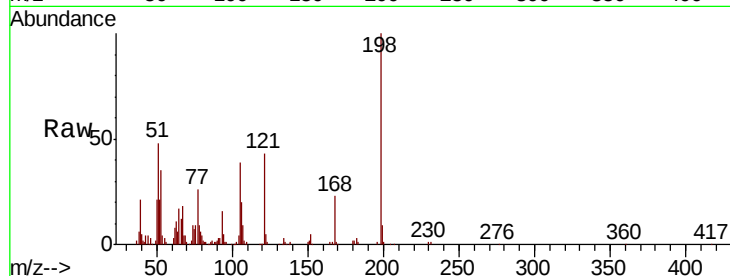
Tot Ion:198 Resp: 95802

Ion Ratio Lower Upper

198 100

51 47.9 35.9 75.9

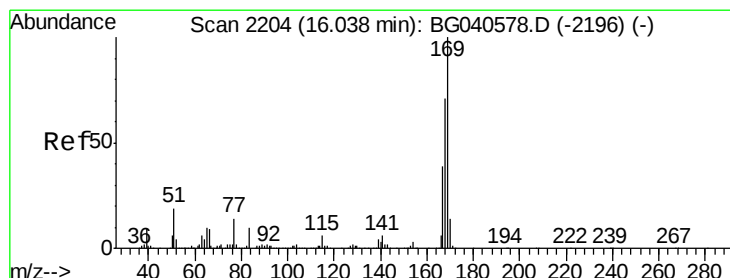
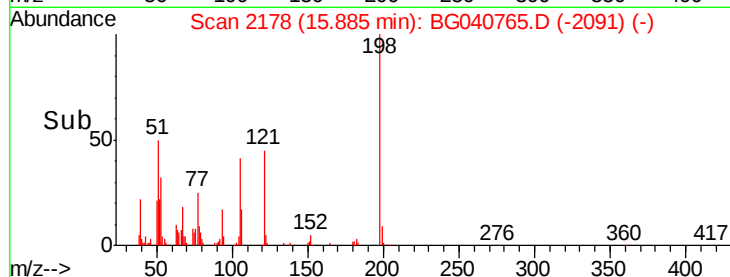
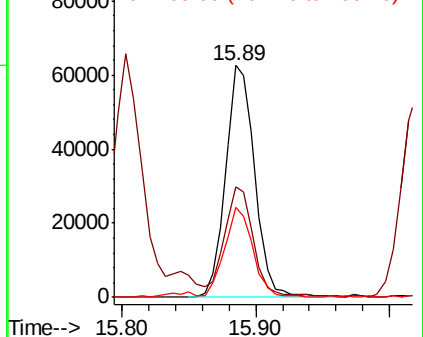
105 38.6 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.696 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

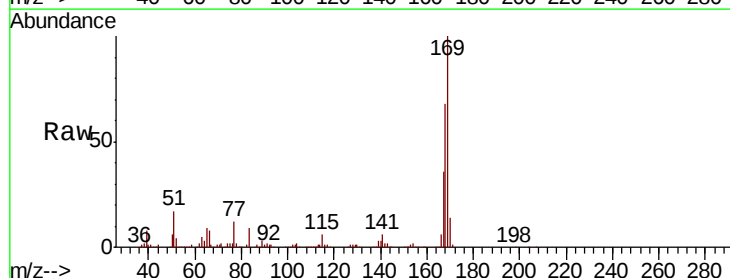
Tgt Ion:169 Resp: 473168

Ion Ratio Lower Upper

169 100

168 67.5 56.8 85.2

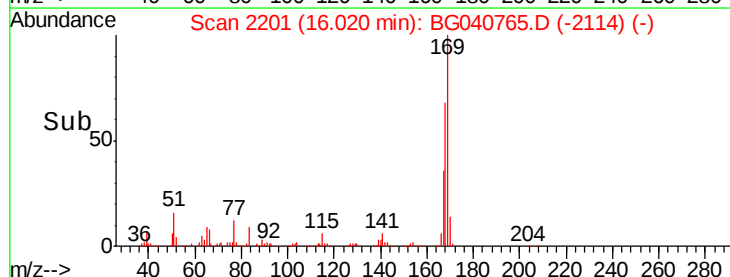
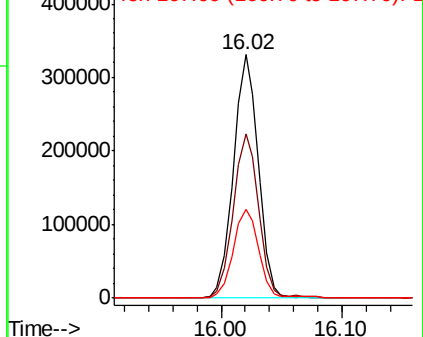
167 36.3 31.4 47.0

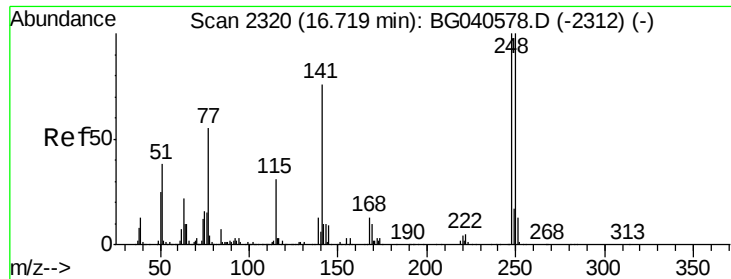


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

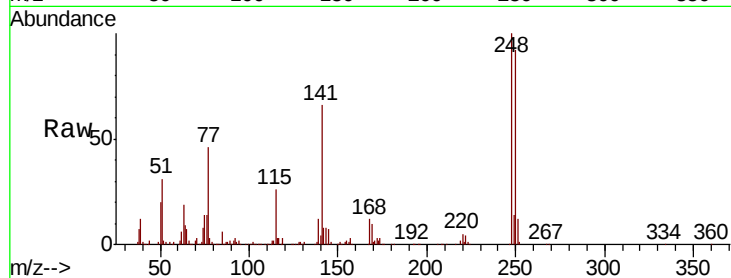




#67
4-Bromophenyl-phenylether
Concen: 41.467 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Instrument :
BNA_G
ClientSampleId :
PB119476BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.0	79.8	119.6
141	66.5	60.8	91.2

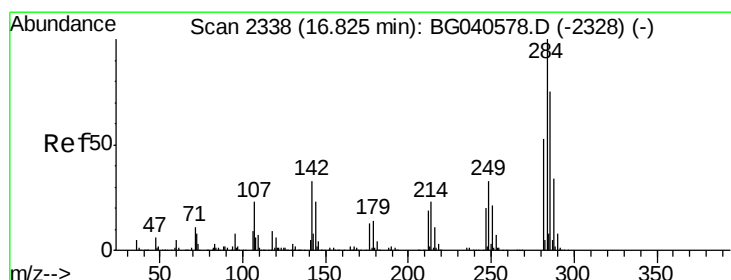
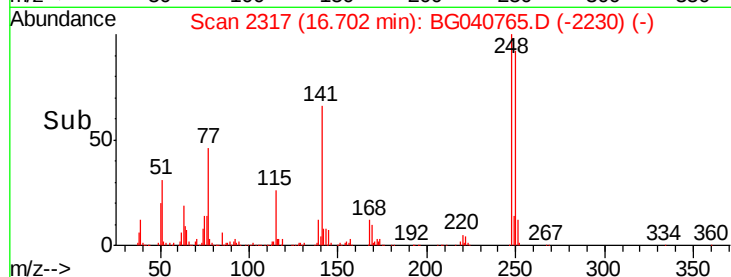
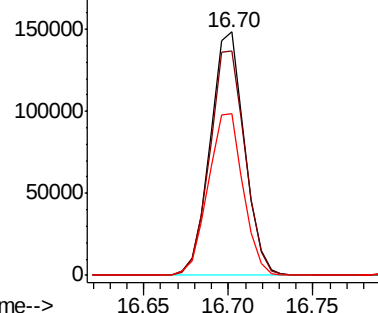


Abundance

Ion 248.00 (247.70 to 248.70): E

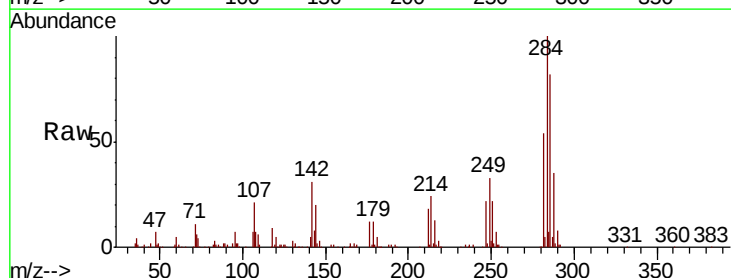
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.707 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.6	40.0
249	35.6	26.0	39.0

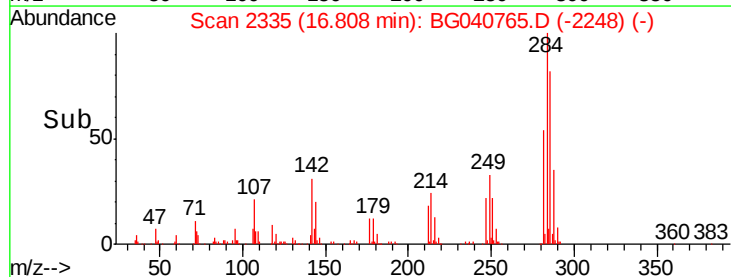
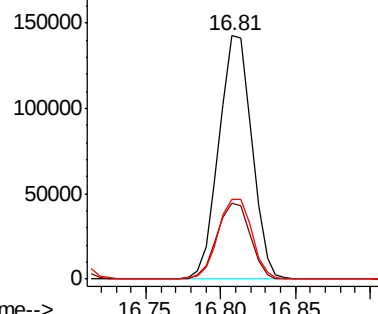


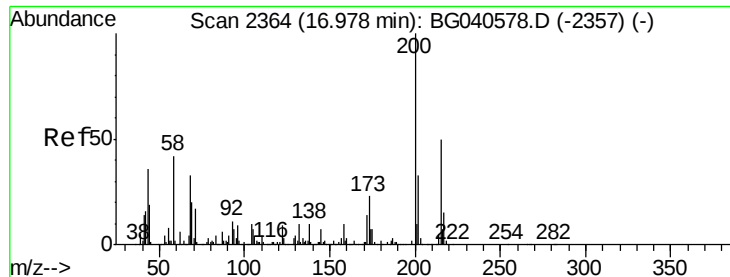
Abundance

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

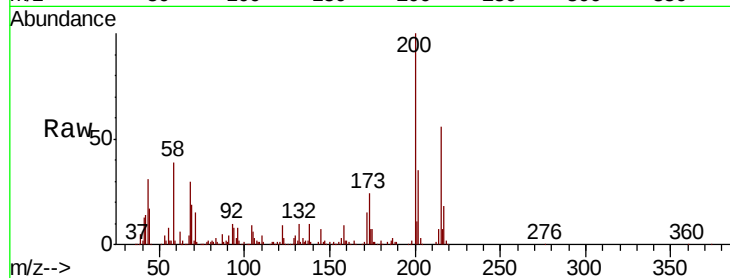




#69
Atrazine
Concen: 40.239 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.02 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Instrument :
BNA_G
ClientSampleId :
PB119476BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	2.8	42.8
215	55.7	30.2	70.2

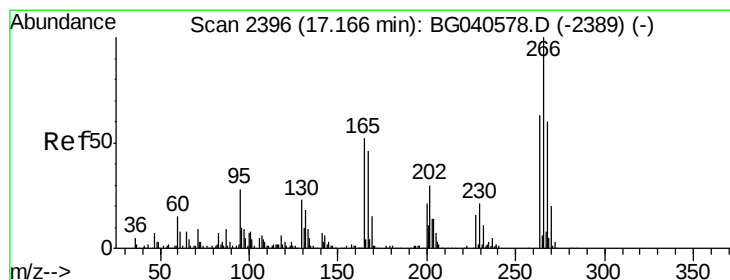
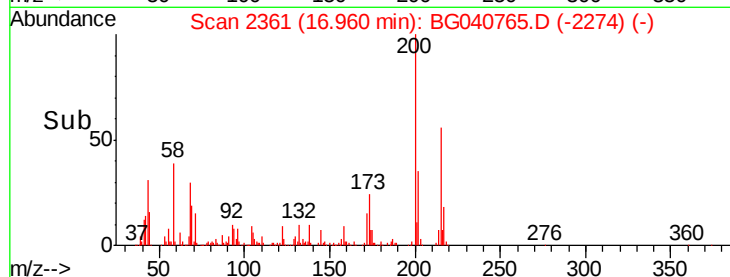
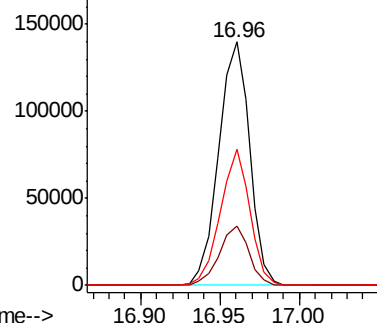


Abundance

Ion 200.00 (199.70 to 200.70): E

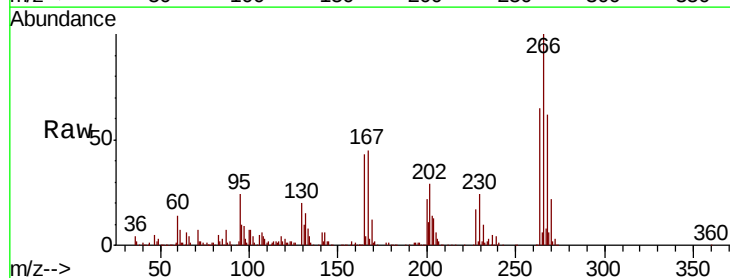
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 91.279 ng
RT: 17.15 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	52.3	78.5
264	65.2	50.0	75.0

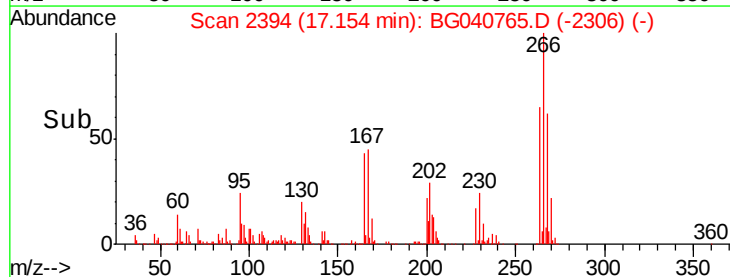
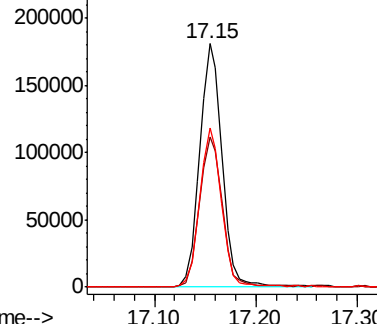


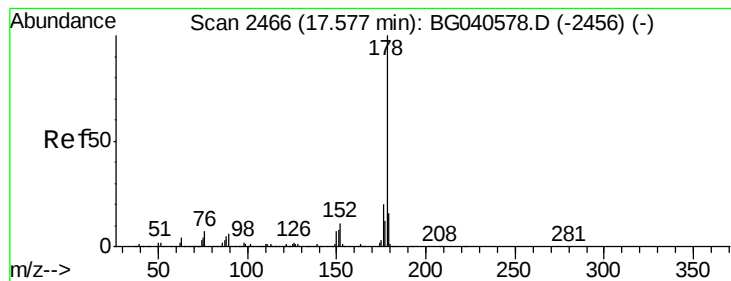
Abundance

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: 41.376 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

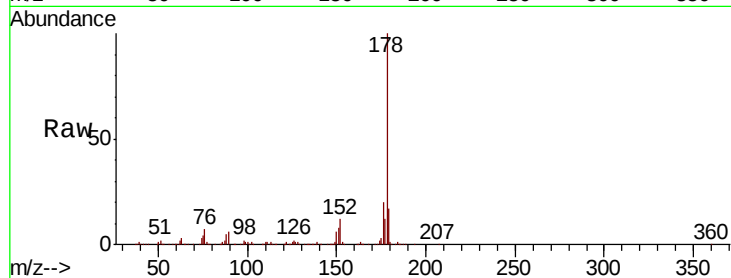
Tot Ion:178 Resp: 902906

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

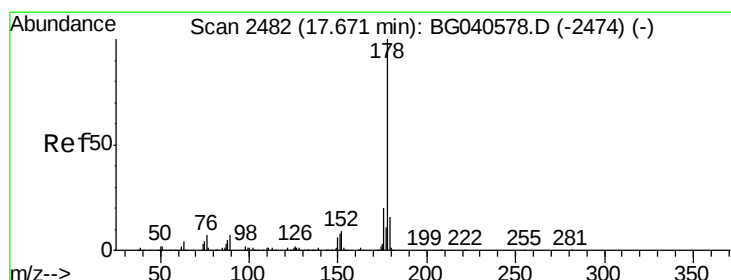
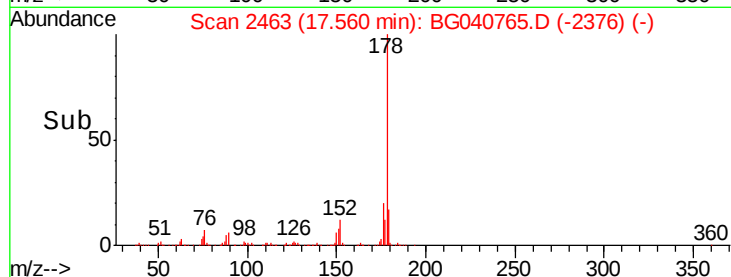
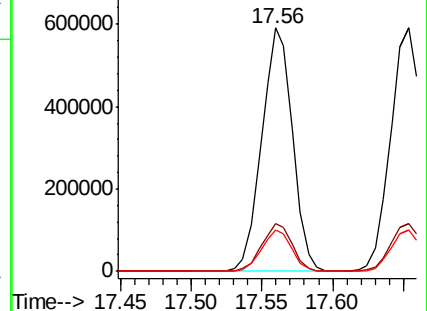
179 16.8 12.6 18.8



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: 41.634 ng

RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

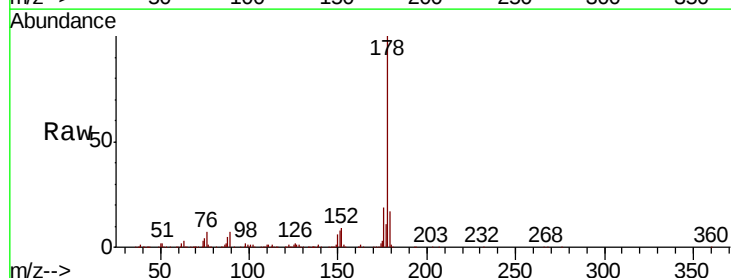
Tgt Ion:178 Resp: 913217

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

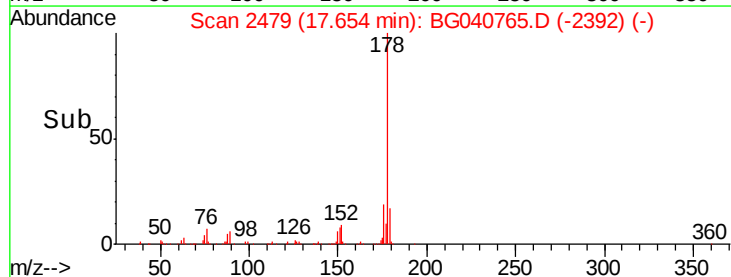
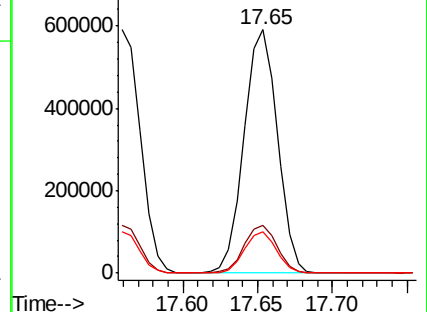
179 16.8 12.9 19.3



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

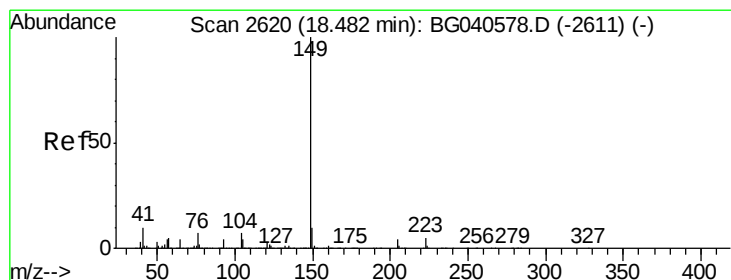
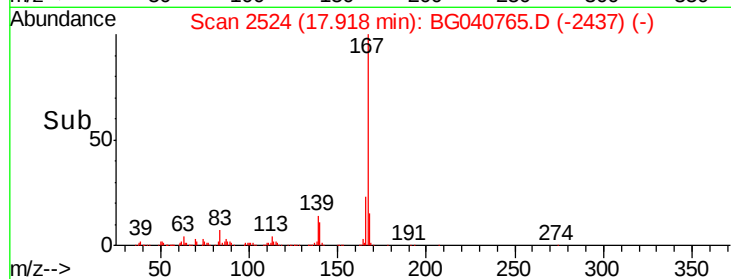
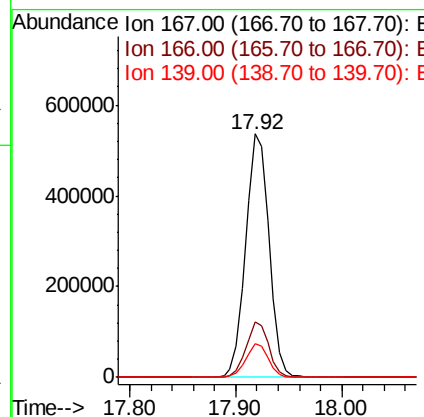
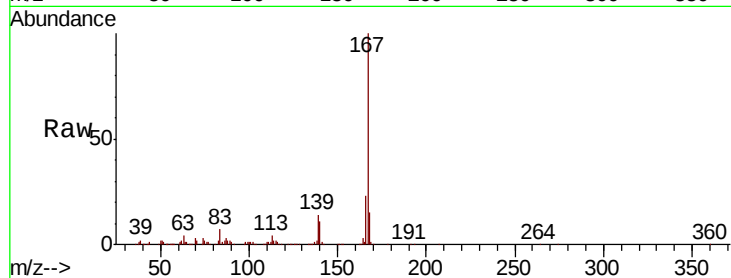




#73
 Carbazole
 Concen: 41.037 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040765.D
 Acq: 7 May 2019 12:09

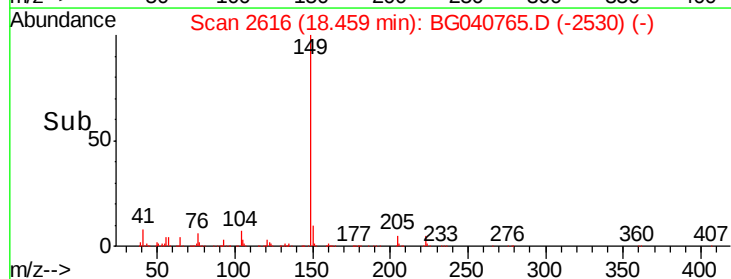
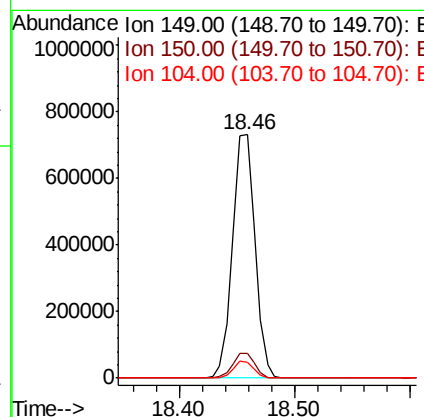
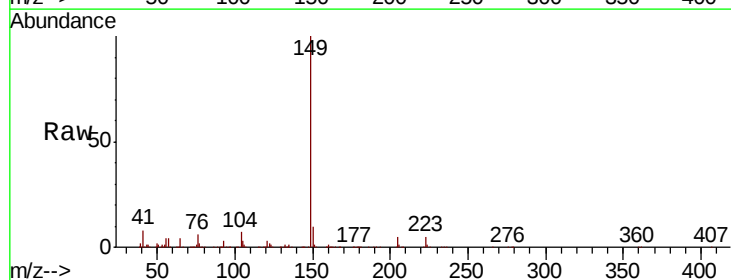
Instrument :
 BNA_G
 ClientSampleId :
 PB119476BS

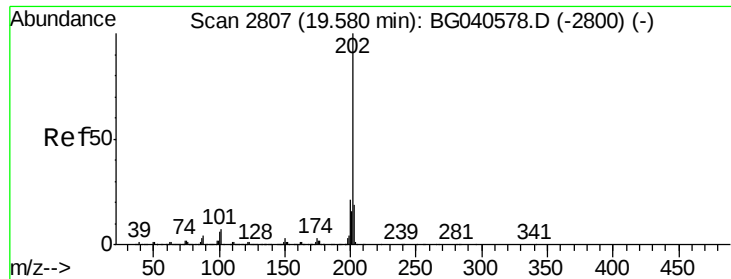
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	13.8	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 41.113 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BG040765.D
 Acq: 7 May 2019 12:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	6.6	5.4	8.2





#75

Fluoranthene

Concen: 43.956 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

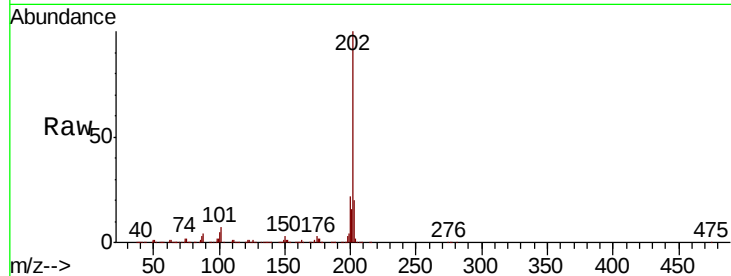
Tot Ion:202 Resp: 1195329

Ion Ratio Lower Upper

202 100

101 6.5 0.0 27.5

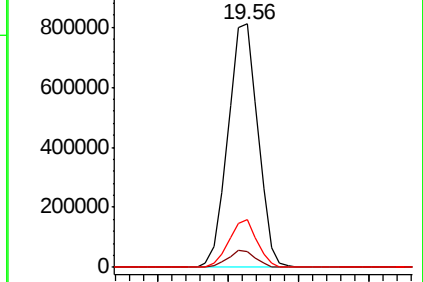
203 19.8 0.0 39.3



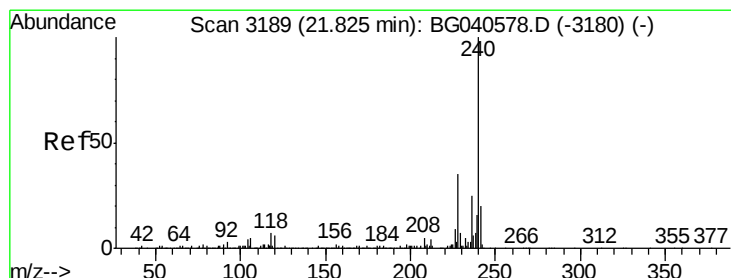
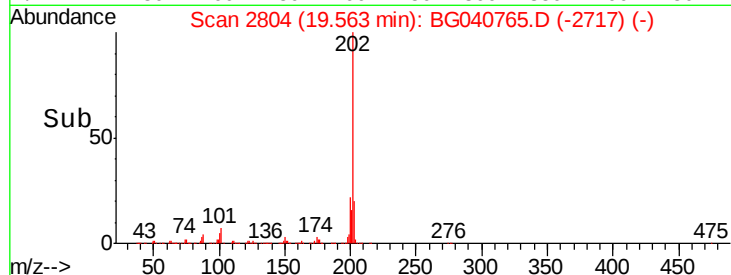
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

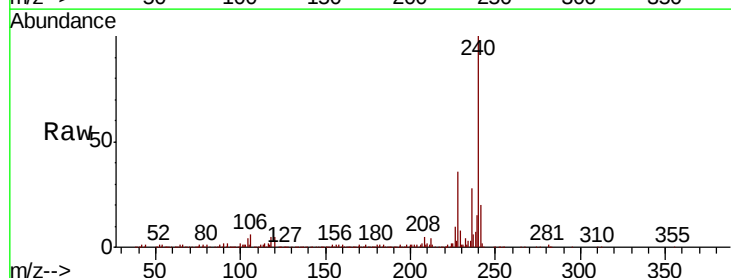
Tgt Ion:240 Resp: 463601

Ion Ratio Lower Upper

240 100

120 5.3 5.0 7.6

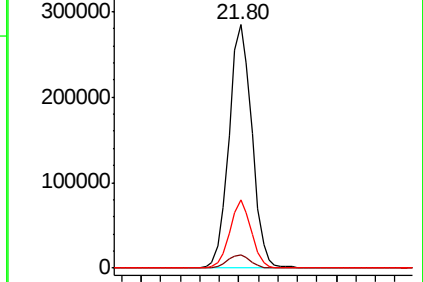
236 27.9 20.3 30.5



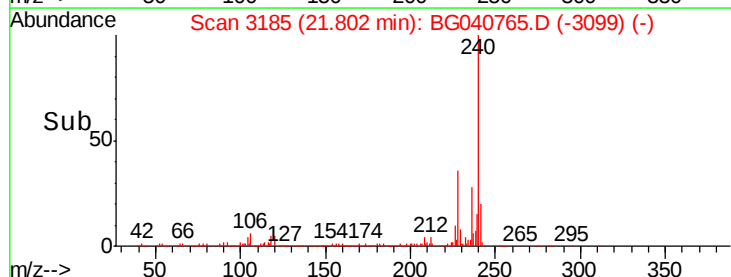
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 23.082 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

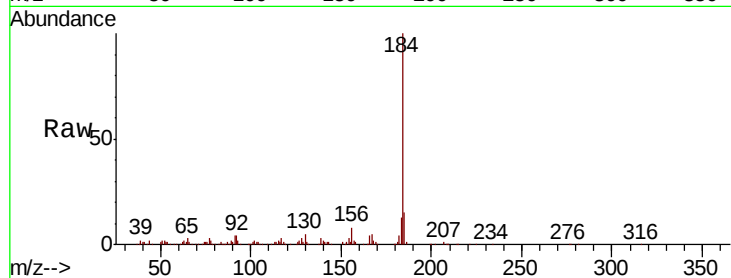
Tot Ion:184 Resp: 292992

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

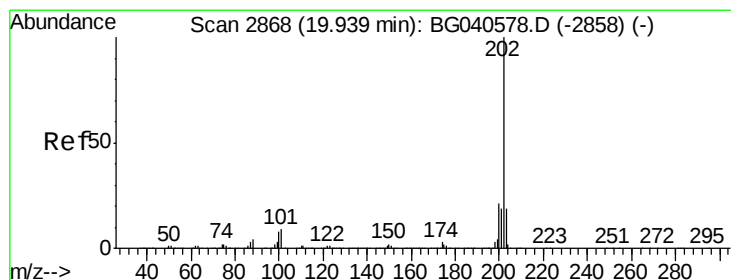
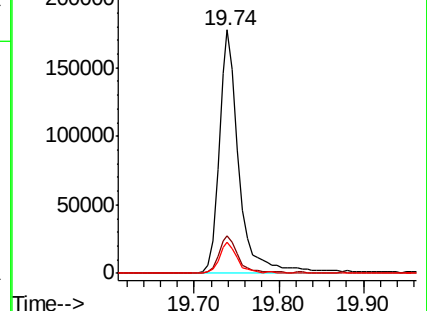
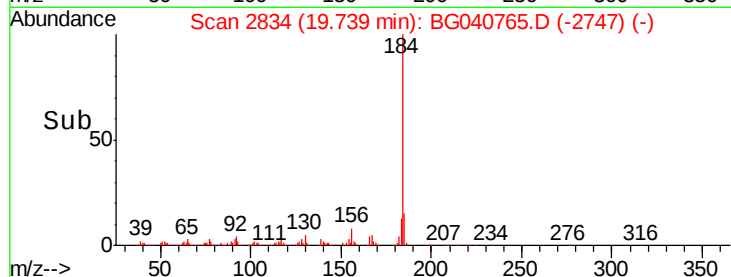
183 12.9 10.2 15.2



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: 41.002 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

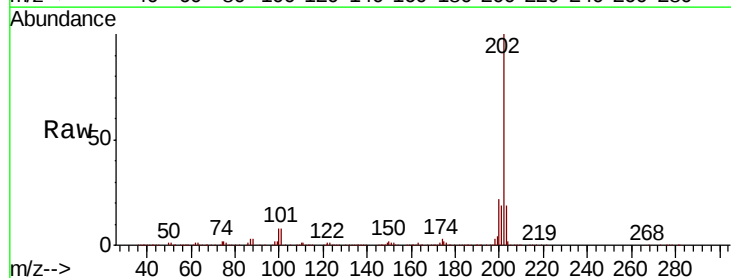
Tgt Ion:202 Resp: 1191376

Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

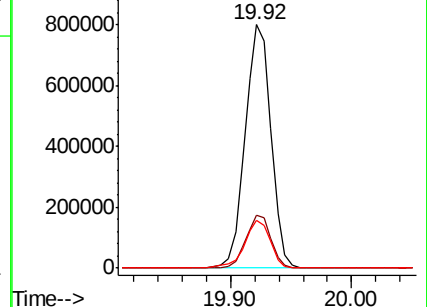
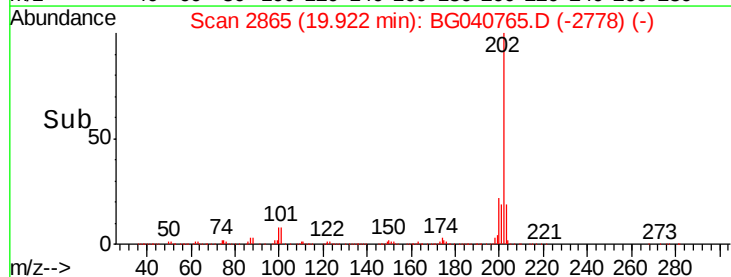
203 19.5 15.0 22.4

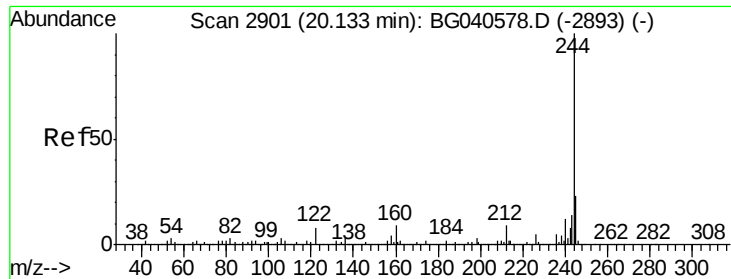


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.961 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

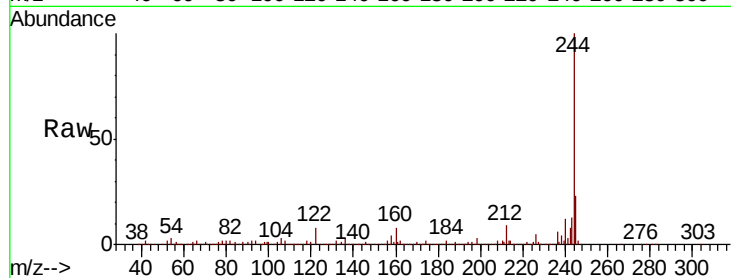
Tot Ion:244 Resp: 1589574

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

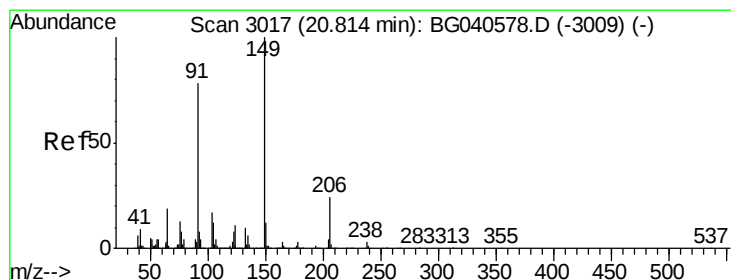
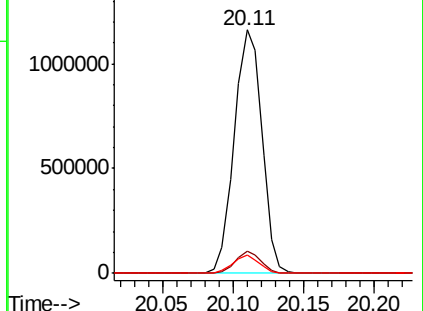
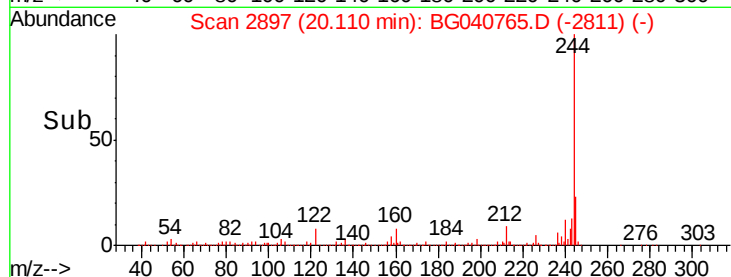
122 7.7 6.6 10.0



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: 40.798 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

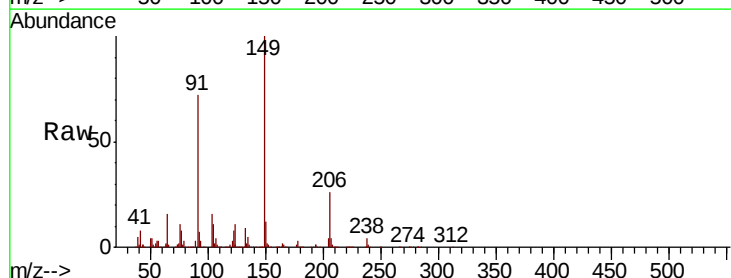
Tgt Ion:149 Resp: 462027

Ion Ratio Lower Upper

149 100

91 71.5 62.6 93.8

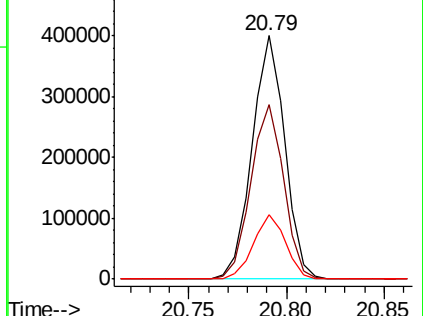
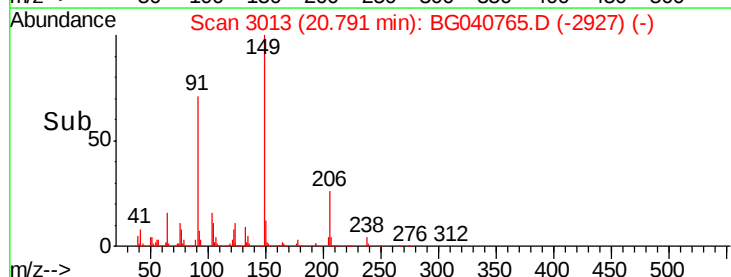
206 26.4 19.4 29.2



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: 39.504 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

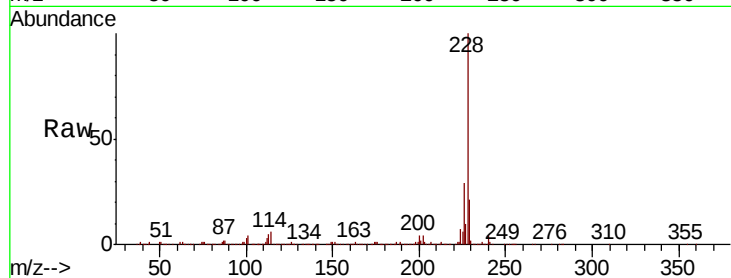
BNA_G

ClientSampleId :

PB119476BS

Tot Ion:228 Resp: 1157466

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.1	34.7
229	21.3	17.0	25.4



Abundance

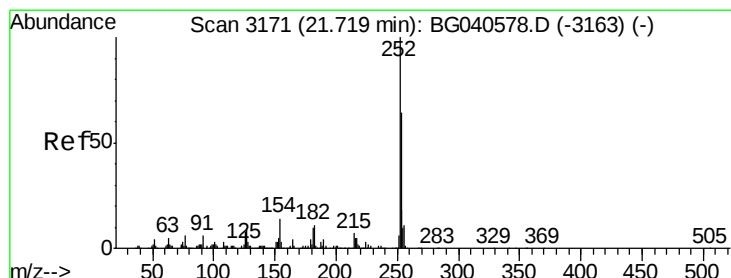
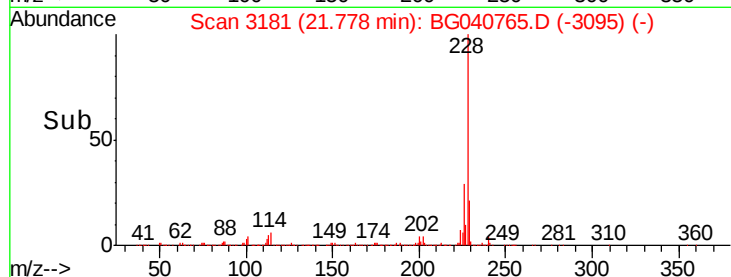
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.78

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 32.007 ng

RT: 21.69 min Scan# 3166

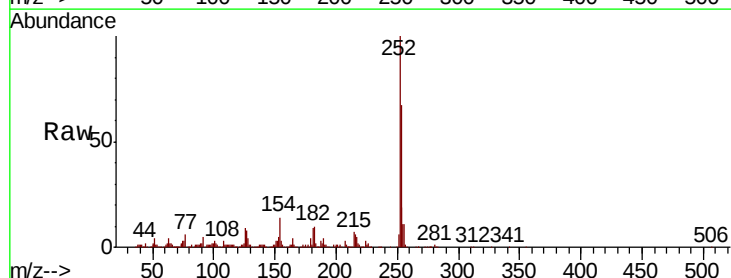
Delta R.T. -0.03 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Tgt Ion:252 Resp: 334254

Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.2	76.8
126	8.6	6.6	10.0



Abundance

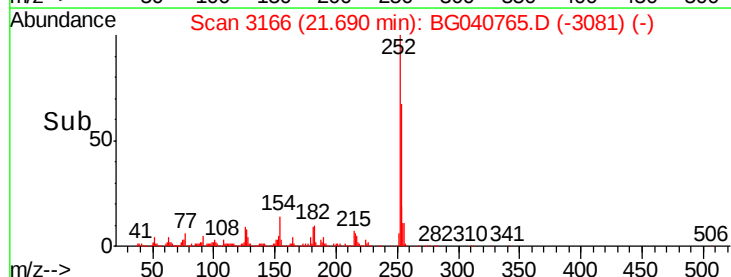
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

21.69

Time-->





#83

Chrysene

Concen: 40.578 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

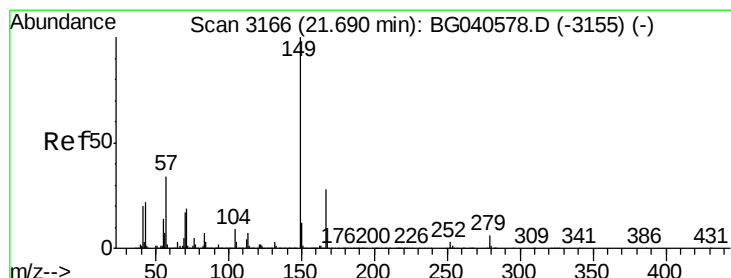
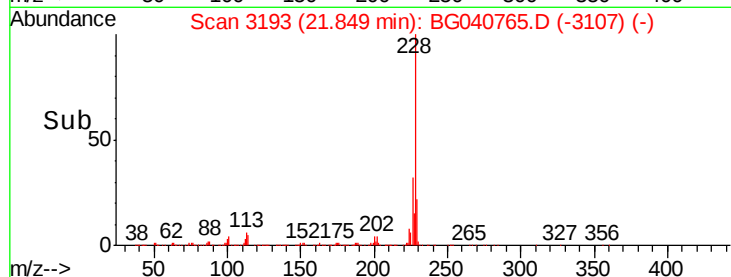
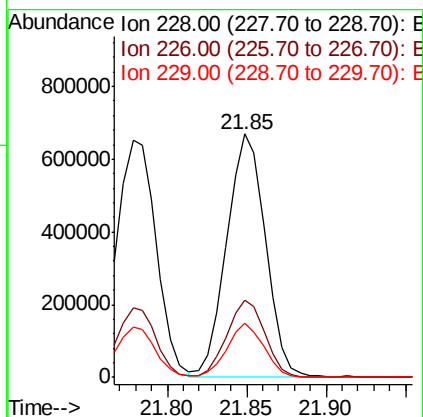
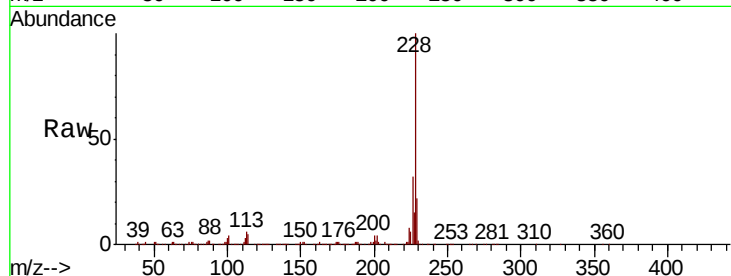
Tot Ion:228 Resp: 1130702

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.5	38.3
229	22.0	16.8	25.2

228 100

226 31.8 25.5 38.3

229 22.0 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.989 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.03 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

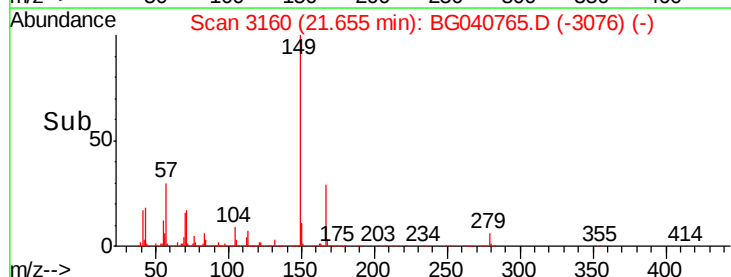
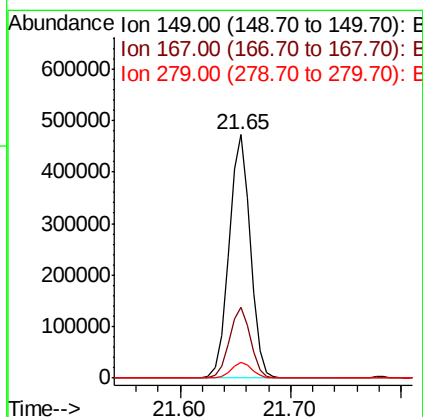
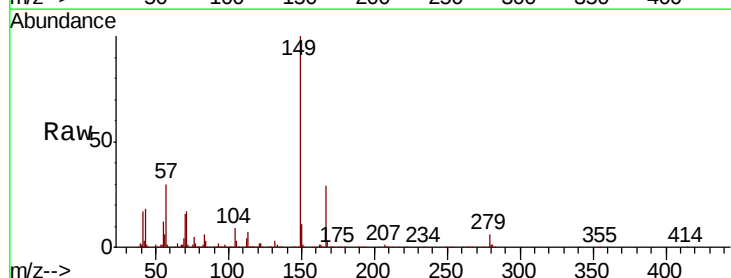
Tgt Ion:149 Resp: 637378

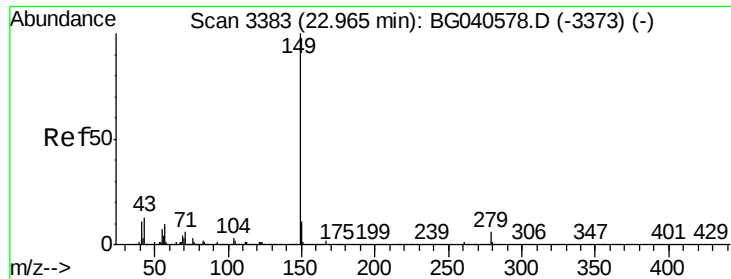
Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.4	33.6
279	6.4	4.6	6.8

149 100

167 29.1 22.4 33.6

279 6.4 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 38.908 ng

RT: 22.91 min Scan# 3373

Delta R.T. -0.06 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

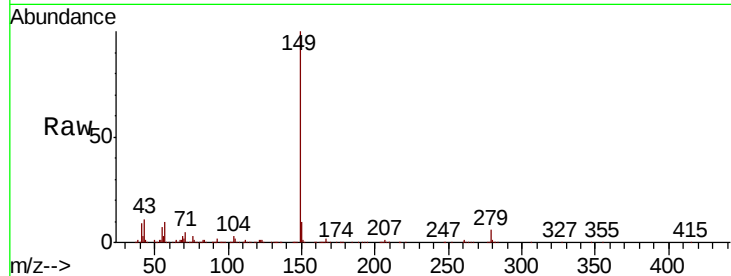
Tot Ion:149 Resp: 1071193

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

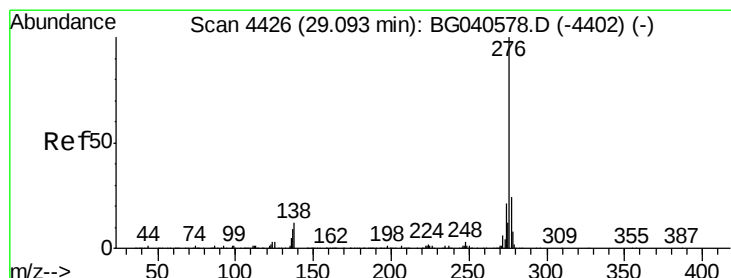
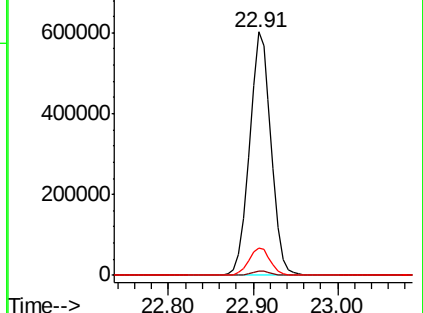
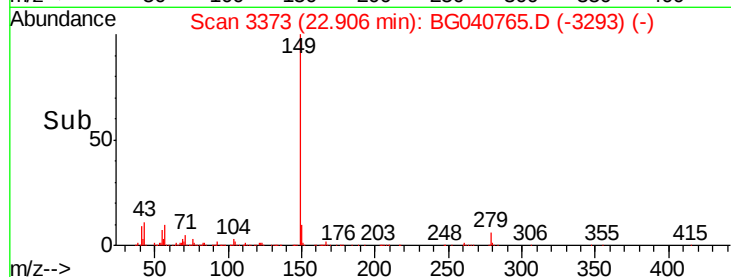
43 11.3 10.2 15.2



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: 32.115 ng

RT: 29.01 min Scan# 4412

Delta R.T. -0.08 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

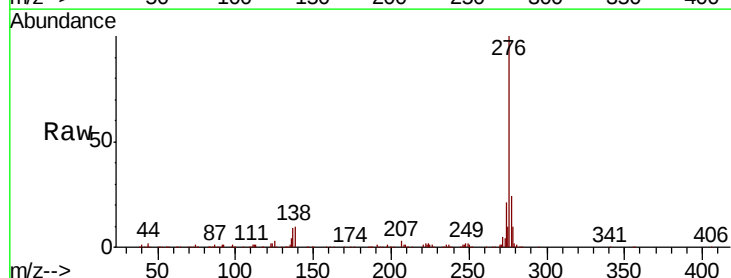
Tgt Ion:276 Resp: 1081973

Ion Ratio Lower Upper

276 100

138 6.8 9.8 14.6#

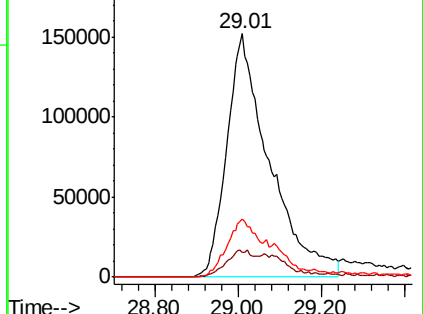
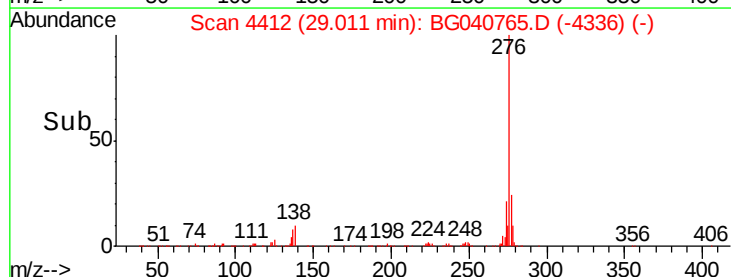
277 16.3 17.3 25.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

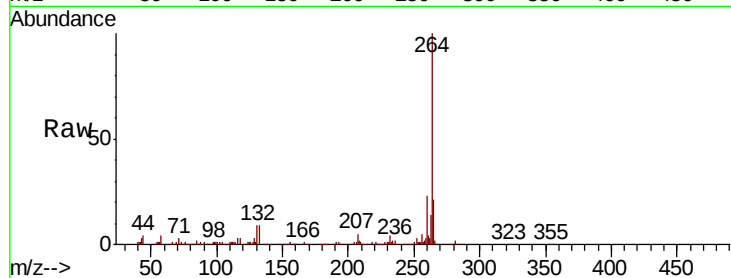
Tot Ion:264 Resp: 347639

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.3	16.6	25.0

264 100

260 23.0 19.2 28.8

265 21.3 16.6 25.0

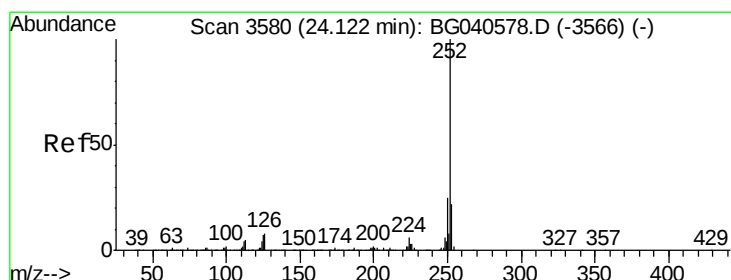
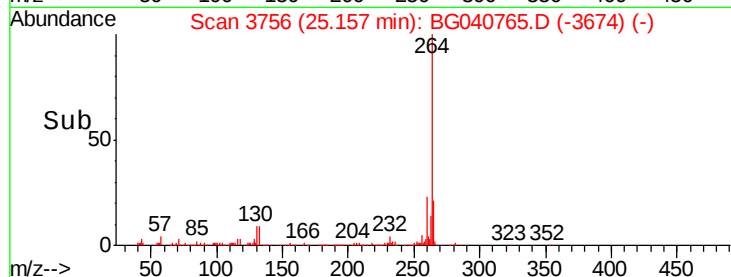
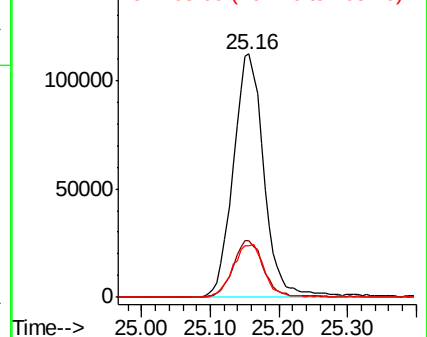


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.361 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.03 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

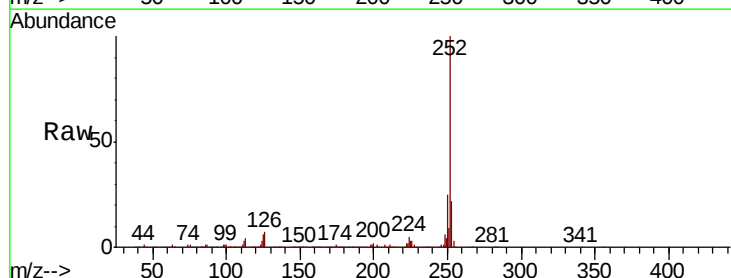
Tgt Ion:252 Resp: 1154825

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	5.9	5.4	8.0

252 100

253 22.4 17.6 26.4

125 5.9 5.4 8.0

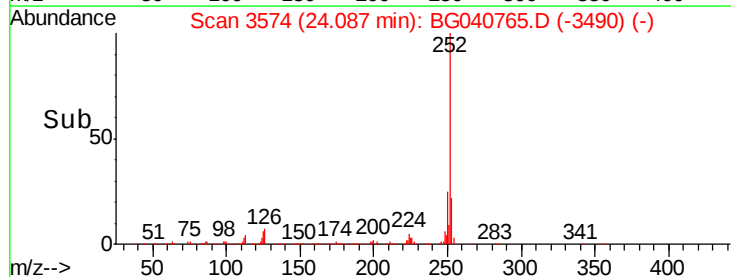
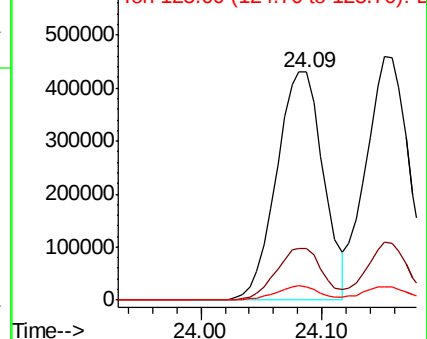


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

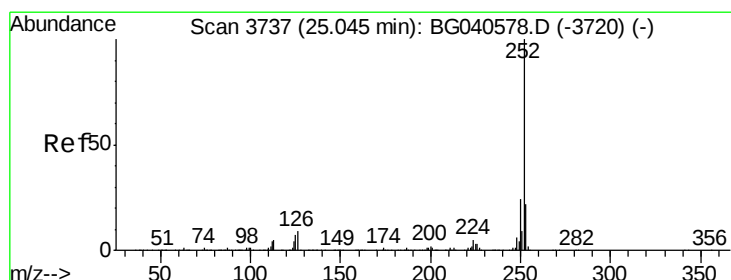
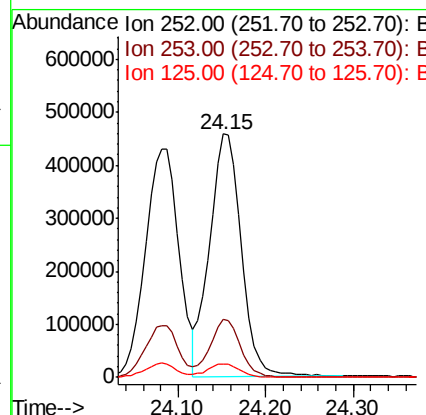
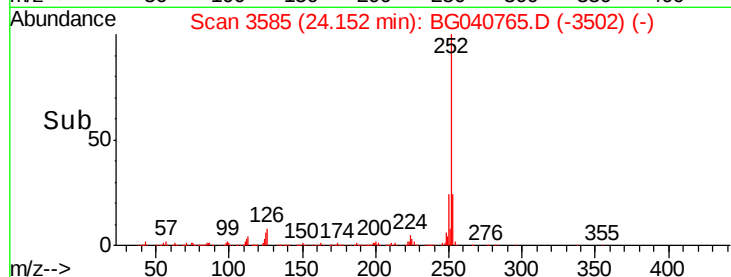
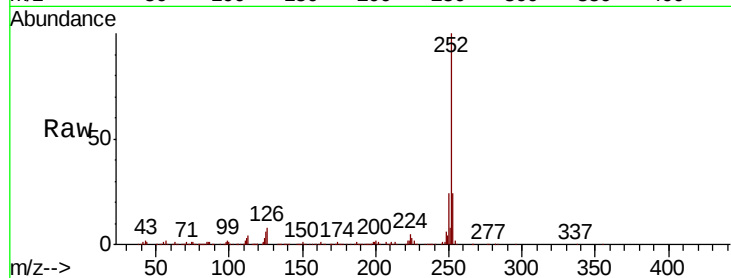




#89
Benzo(k)fluoranthene
Concen: 58.292 ng
RT: 24.15 min Scan# 3585
Delta R.T. -0.04 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

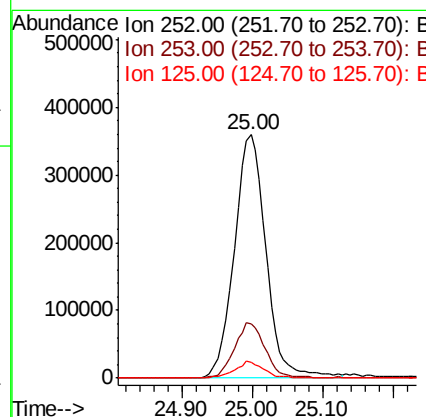
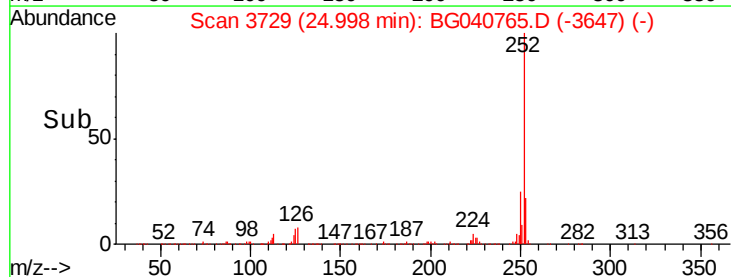
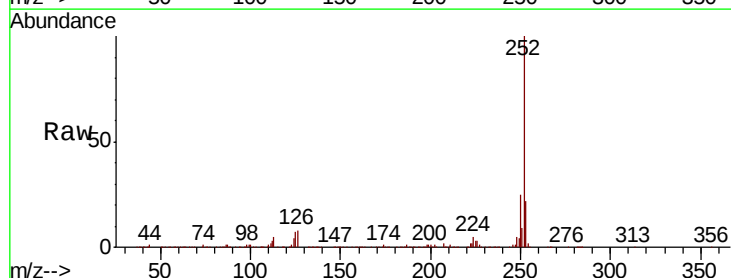
Instrument :
BNA_G
ClientSampleId :
PB119476BS

Tot Ion:252 Resp: 1156484
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 5.6 5.5 8.3



#90
Benzo(a)pyrene
Concen: 55.559 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG040765.D
Acq: 7 May 2019 12:09

Tgt Ion:252 Resp: 1117238
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 6.6 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 42.958 ng

RT: 29.09 min Scan# 4425

Delta R.T. -0.08 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

Instrument :

BNA_G

ClientSampleId :

PB119476BS

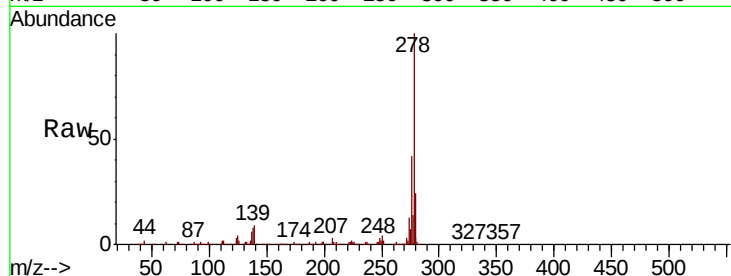
Tot Ion:278 Resp: 874168

Ion Ratio Lower Upper

278 100

139 9.2 8.2 12.4

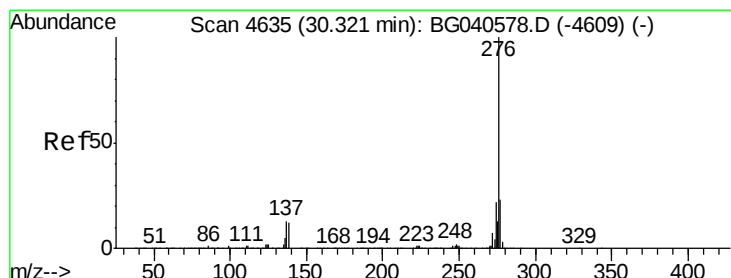
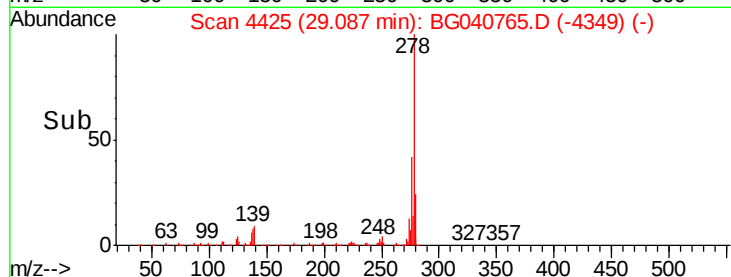
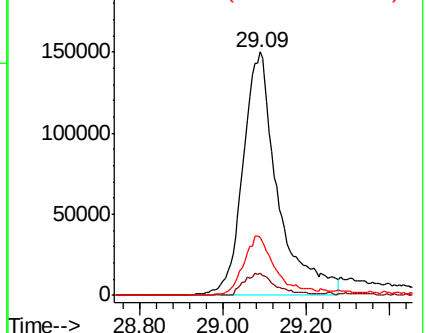
279 24.0 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.859 ng

RT: 30.23 min Scan# 4619

Delta R.T. -0.09 min

Lab File: BG040765.D

Acq: 7 May 2019 12:09

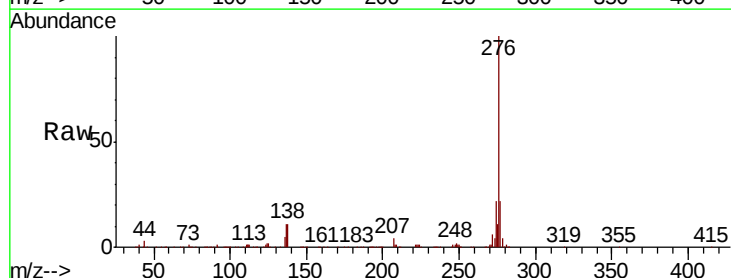
Tgt Ion:276 Resp: 888268

Ion Ratio Lower Upper

276 100

277 22.2 18.4 27.6

138 10.6 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

