

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041695.D
 Acq On : 17 Jul 2019 19:43
 Operator : HP/JU
 Sample : K3835-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

Quant Time: Jul 18 07:11:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	98088	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	397838	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	253457	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	618862	20.00	ng	0.00
76) Chrysene-d12	21.65	240	613206	20.00	ng	-0.01
87) Perylene-d12	24.85	264	727260	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	758060	126.34	ng	0.00
7) Phenol-d6	7.20	99	1043972	129.36	ng	0.00
23) Nitrobenzene-d5	9.21	82	631283	96.50	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	438514	153.52	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1424008	87.00	ng	0.00
79) Terphenyl-d14	20.01	244	2216126	84.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	88968	31.220	ng	100
3) Pyridine	3.89	79	77668	10.210	ng	98
4) n-Nitrosodimethylamine	3.80	42	125367	35.687	ng	99
6) Aniline	7.37	93	282352	26.031	ng	99
8) 2-Chlorophenol	7.61	128	270165	39.772	ng	99
9) Benzaldehyde	7.17	77	151263	28.172	ng	99
10) Phenol	7.23	94	343325	40.377	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	256450	37.344	ng	98
12) 1,3-Dichlorobenzene	7.94	146	300079	37.023	ng	99
13) 1,4-Dichlorobenzene	8.08	146	306299	37.736	ng	95
14) 1,2-Dichlorobenzene	8.40	146	286921	37.492	ng	95
15) Benzyl Alcohol	8.28	79	237854	37.019	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	503386	35.376	ng	99
17) 2-Methylphenol	8.48	107	239221	40.682	ng	97
18) Hexachloroethane	9.14	117	109770	36.922	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	217933	36.945	ng	97
20) 3+4-Methylphenols	8.81	107	328803	40.804	ng	99
22) Acetophenone	8.87	105	399057	41.184	ng	# 97
24) Nitrobenzene	9.25	77	297942	41.751	ng	97
25) Isophorone	9.77	82	583375	40.725	ng	98
26) 2-Nitrophenol	9.96	139	154537	47.282	ng	99
27) 2,4-Dimethylphenol	10.02	122	277112	48.893	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	352699	39.949	ng	99
29) 2,4-Dichlorophenol	10.49	162	296697	45.914	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	306804	40.436	ng	99
31) Naphthalene	10.91	128	807766	41.242	ng	97
32) Benzoic acid	10.02	122	277112	62.350	ng	# 15
33) 4-Chloroaniline	11.00	127	263301	29.144	ng	99
34) Hexachlorobutadiene	11.20	225	191350	39.238	ng	99
35) Caprolactam	11.78	113	117966	49.666	ng	# 89
36) 4-Chloro-3-methylphenol	12.12	107	303583	44.845	ng	98
37) 2-Methylnaphthalene	12.50	142	626770	41.885	ng	99
38) 1-Methylnaphthalene	12.72	142	585482	41.040	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	360378	41.509	ng	99

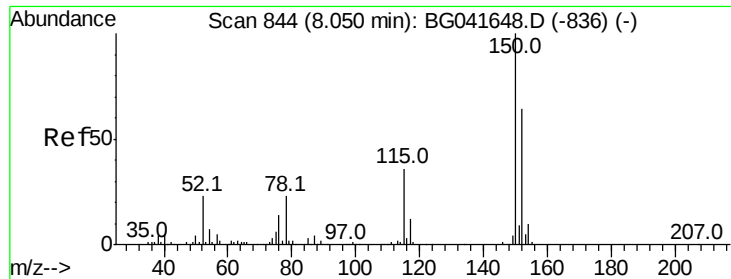
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	480776	97.895	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	261786	46.407	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	281149	47.303	nq	96
46) 1,1'-Biphenyl	13.50	154	789774	41.592	nq	99
47) 2-Chloronaphthalene	13.54	162	633413	40.025	nq	97
48) 2-Nitroaniline	13.74	65	206995	44.924	nq	97
49) Acenaphthylene	14.39	152	1016641	41.151	nq	99
50) Dimethylphthalate	14.12	163	1044285	52.460	nq	99
51) 2,6-Dinitrotoluene	14.23	165	195517	46.305	nq	95
52) Acenaphthene	14.73	154	665336	42.735	nq	97
53) 3-Nitroaniline	14.55	138	169877	36.856	nq	# 94
54) 2,4-Dinitrophenol	14.76	184	137049	65.748	nq	96
55) Dibenzofuran	15.07	168	976709	41.807	nq	97
56) 4-Nitrophenol	14.86	139	379112	101.592	nq	98
57) 2,4-Dinitrotoluene	15.01	165	269749	48.330	nq	99
58) Fluorene	15.71	166	793694	41.752	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	280332	51.090	nq	# 97
60) Diethylphthalate	15.48	149	844357	42.104	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	445453	41.455	nq	98
62) 4-Nitroaniline	15.71	138	224692	45.964	nq	97
63) Azobenzene	15.99	77	744698	41.075	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	143537	48.739	nq	94
66) n-Nitrosodiphenylamine	15.91	169	745006	40.993	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	303885	41.268	nq	99
68) Hexachlorobenzene	16.71	284	299332	40.368	nq	96
69) Atrazine	16.86	200	307914	46.688	nq	98
70) Pentachlorophenol	17.05	266	407041	87.793	nq	99
71) Phenanthrene	17.45	178	1296013	41.584	nq	97
72) Anthracene	17.53	178	1334774	42.965	nq	98
73) Carbazole	17.80	167	1256331	43.605	nq	97
74) Di-n-butylphthalate	18.37	149	1450367	41.273	nq	97
75) Fluoranthene	19.45	202	1618551	42.294	nq	95
78) Pyrene	19.81	202	1634345	39.407	nq	95
80) Butylbenzylphthalate	20.69	149	704456	40.876	nq	97
81) Benzo(a)anthracene	21.63	228	1620498	40.902	nq	97
82) 3,3'-Dichlorobenzidine	21.55	252	546986	35.084	nq	100
83) Chrysene	21.70	228	1548497	40.903	nq	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	984847	40.474	nq	98
85) Di-n-octyl phthalate	22.77	149	1735318	41.877	nq	97
86) Indeno(1,2,3-cd)pyrene	28.49	276	2065260	41.344	nq	99
88) Benzo(b)fluoranthene	23.84	252	1815499	41.155	nq	98
89) Benzo(k)fluoranthene	23.91	252	1689152	41.324	nq	98
90) Benzo(a)pyrene	24.70	252	1761823	42.212	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	1680280	41.521	nq	98
92) Benzo(g,h,i)perylene	29.64	276	1700579	41.933	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG041695.D

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BNA_G

ClientSampleId :

SB-4(0-2)MSD

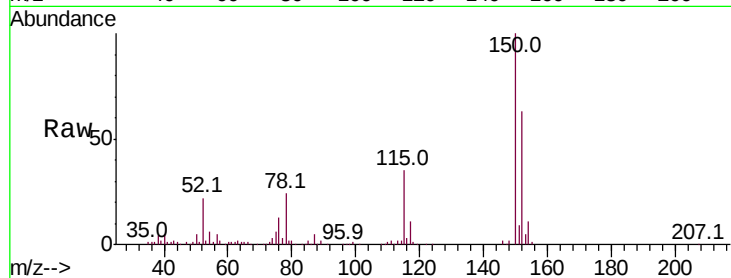
Tot Ion:152 Resp: 98088

Ion Ratio Lower Upper

152 100

150 159.2 126.9 190.3

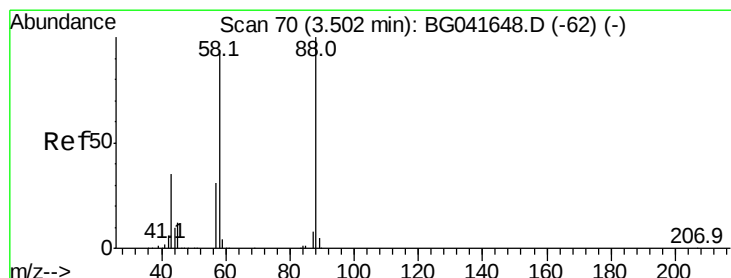
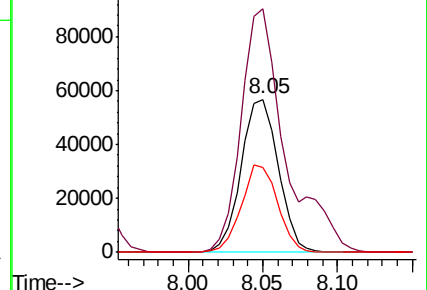
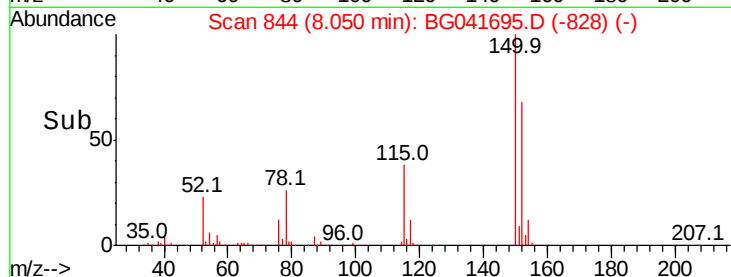
115 55.8 45.0 67.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.220 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

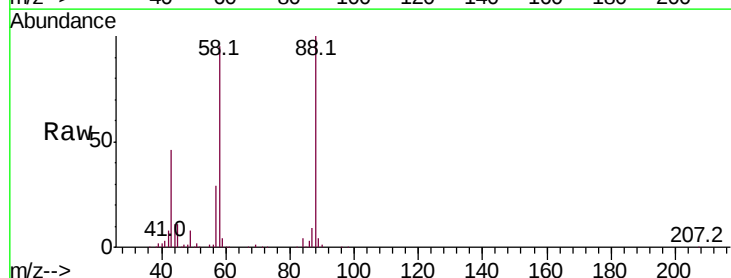
Tgt Ion: 88 Resp: 88968

Ion Ratio Lower Upper

88 100

58 95.0 76.2 114.2

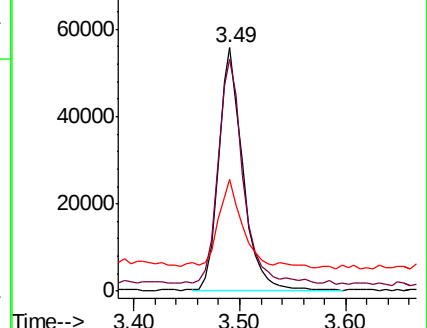
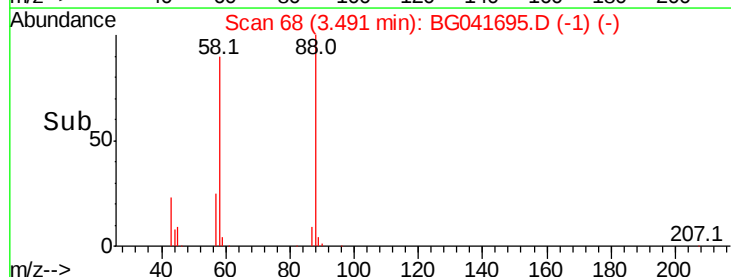
43 34.2 27.2 40.8

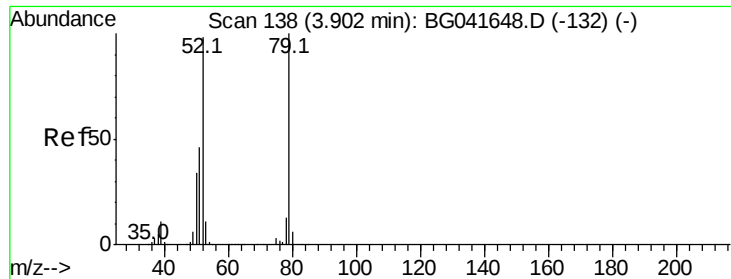


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 10.210 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

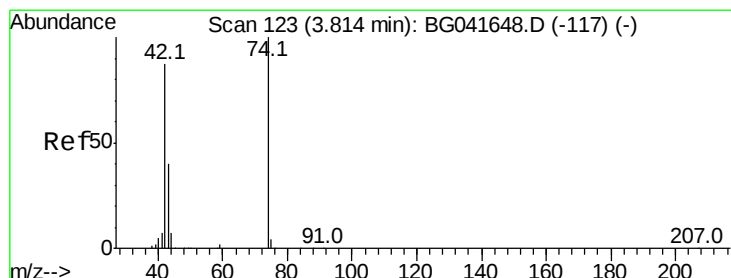
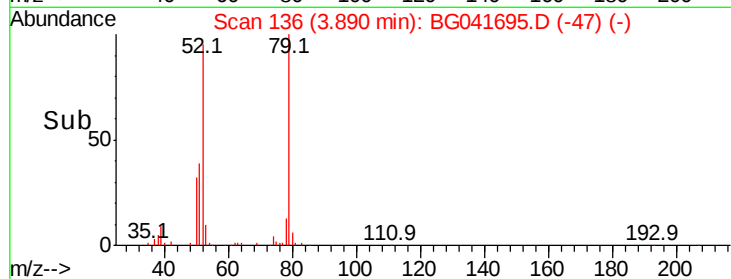
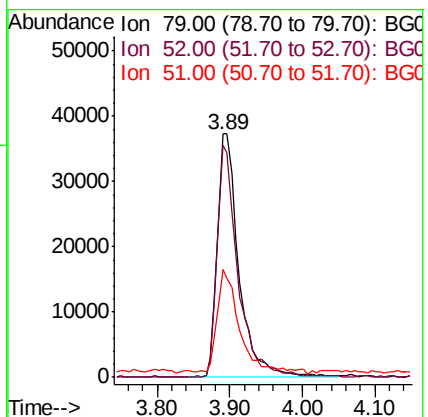
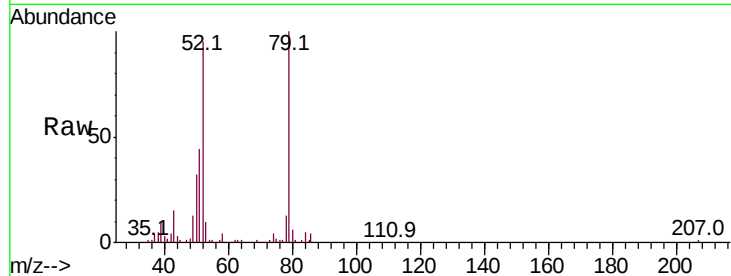
Tot Ion: 79 Resp: 77668

Ion Ratio Lower Upper

79 100

52 95.3 77.1 115.7

51 44.1 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 35.687 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

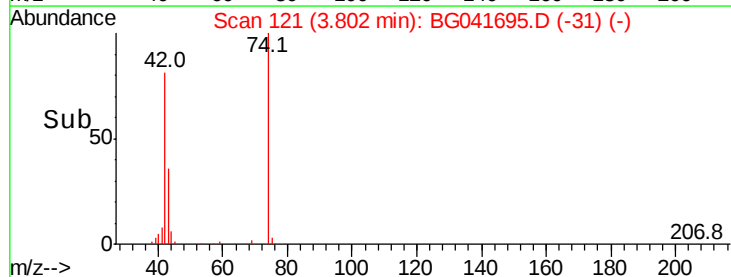
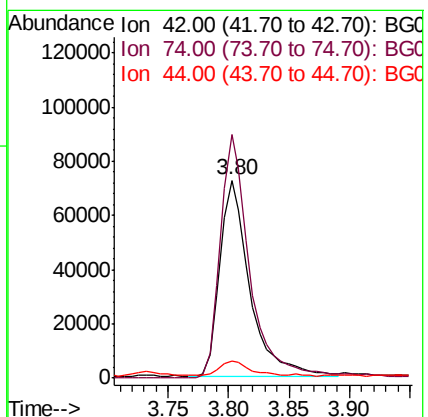
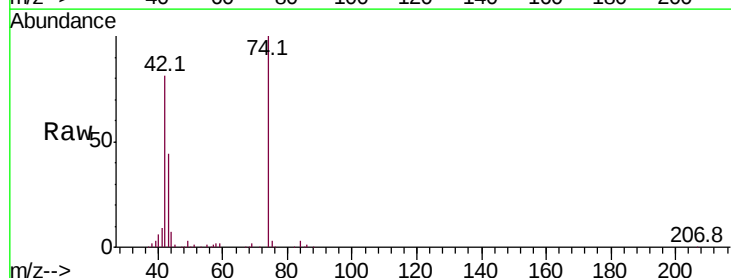
Tgt Ion: 42 Resp: 125367

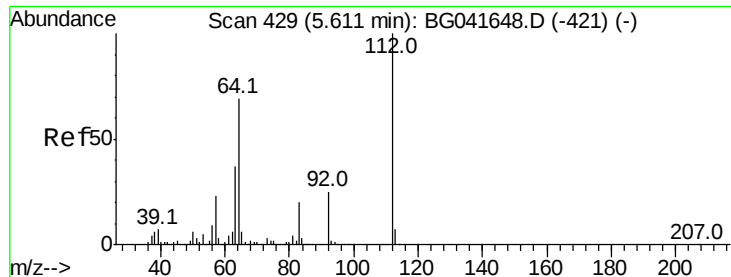
Ion Ratio Lower Upper

42 100

74 123.0 97.4 146.2

44 8.5 6.6 9.8





#5

2-Fluorophenol

Concen: 126.339 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

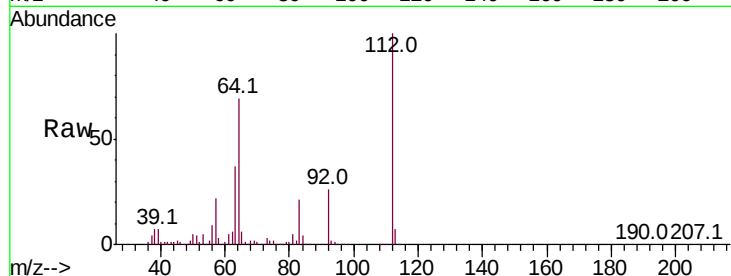
Tot Ion:112 Resp: 758060

Ion Ratio Lower Upper

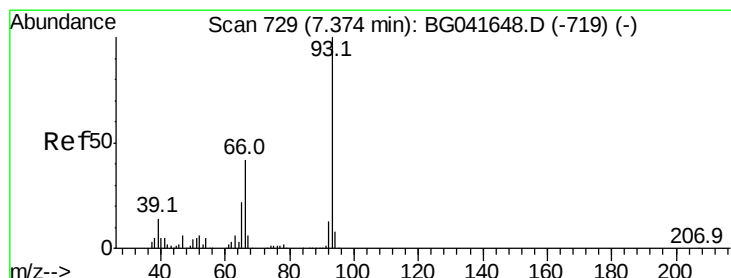
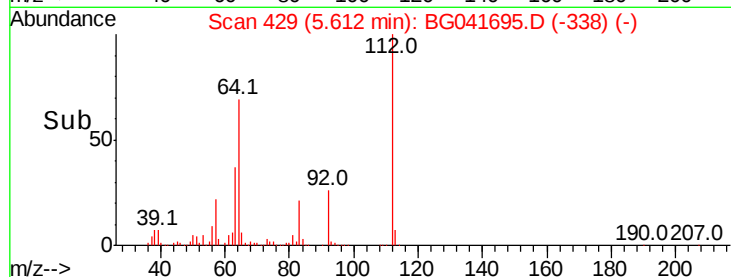
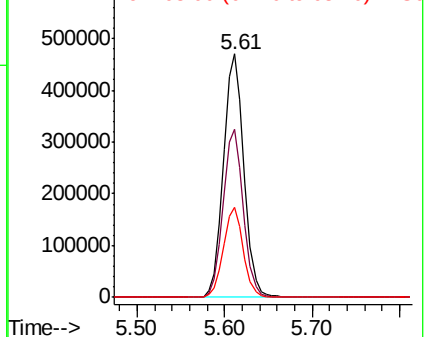
112 100

64 68.9 55.4 83.2

63 37.2 29.1 43.7



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



#6

Aniline

Concen: 26.031 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

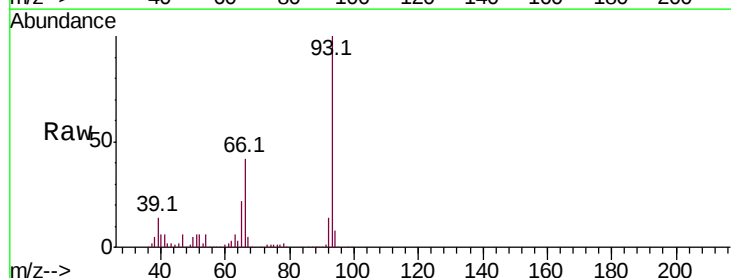
Tgt Ion: 93 Resp: 282352

Ion Ratio Lower Upper

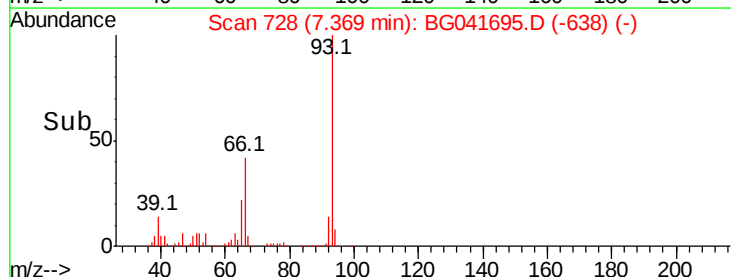
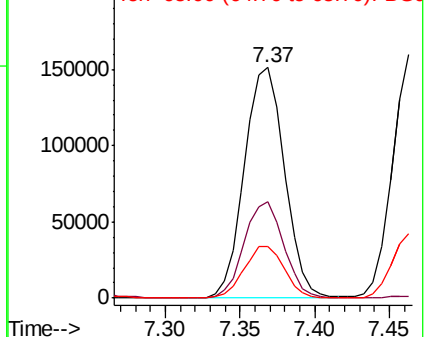
93 100

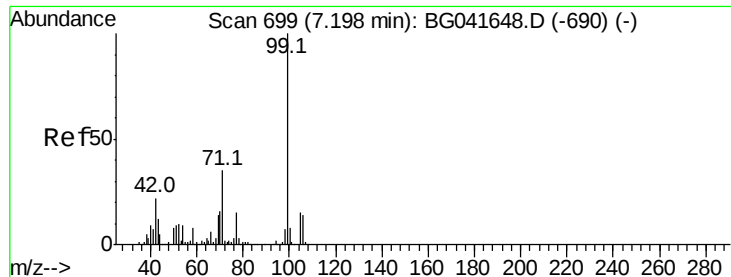
66 41.6 34.2 51.2

65 22.2 18.2 27.2



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





#7

Phenol-d6

Concen: 129.356 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

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SB-4(0-2)MSD

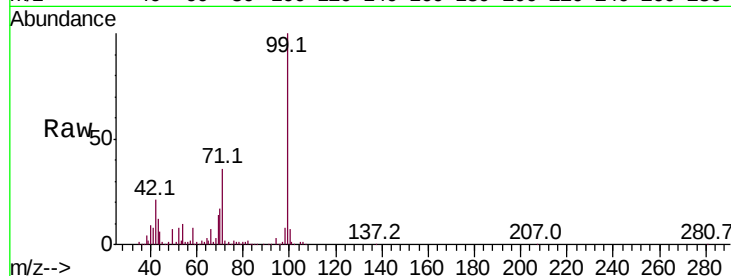
Tot Ion: 99 Resp: 1043972

Ion Ratio Lower Upper

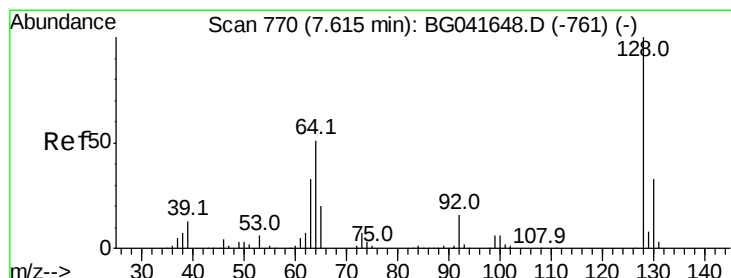
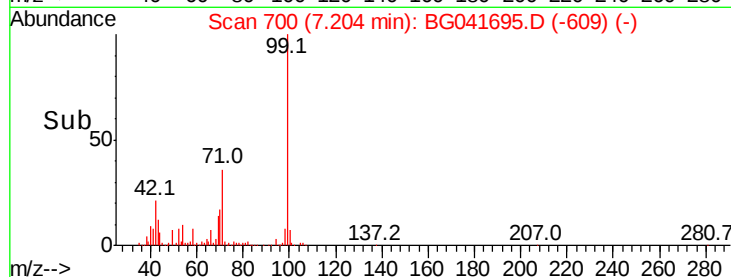
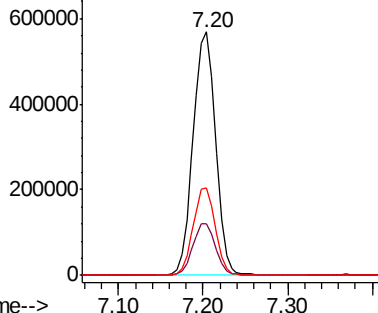
99 100

42 21.1 17.6 26.4

71 36.2 27.8 41.6



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



#8

2-Chlorophenol

Concen: 39.772 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

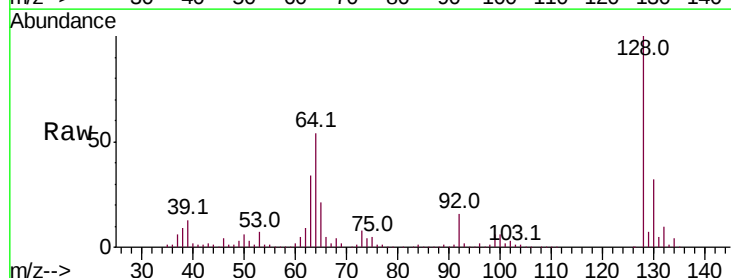
Tgt Ion: 128 Resp: 270165

Ion Ratio Lower Upper

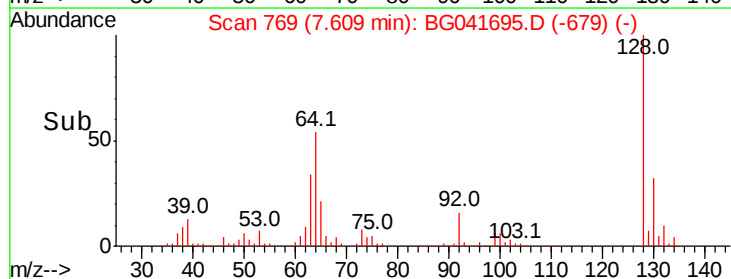
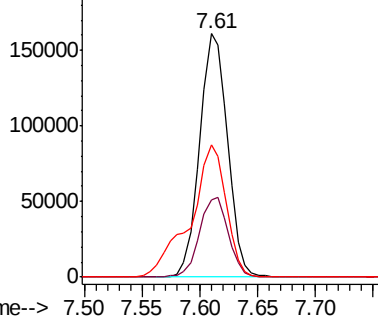
128 100

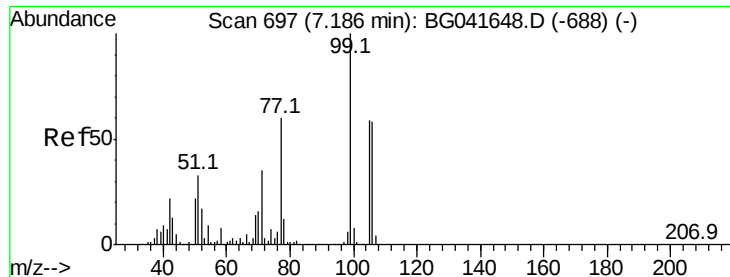
130 31.8 12.4 52.4

64 54.4 34.9 74.9



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





#9

Benzaldehyde

Concen: 28.172 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

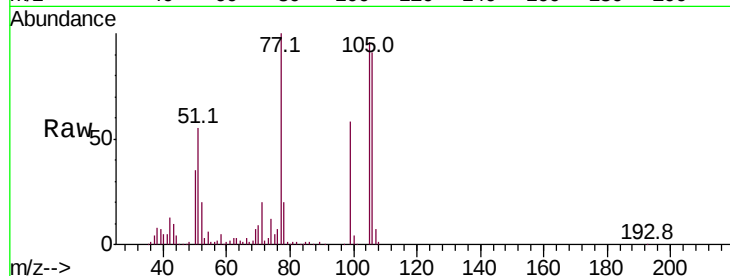
Tot Ion: 77 Resp: 151263

Ion Ratio Lower Upper

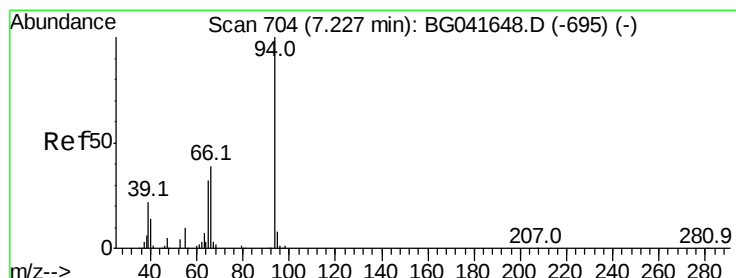
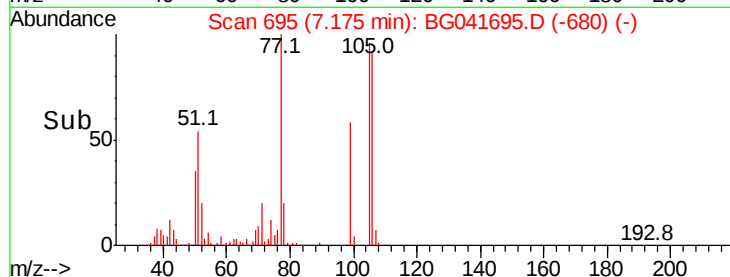
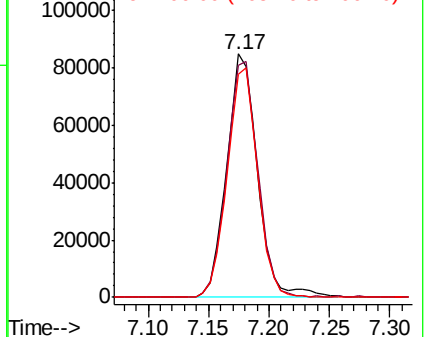
77 100

105 95.5 74.6 114.6

106 91.5 71.1 111.1



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



#10

Phenol

Concen: 40.377 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

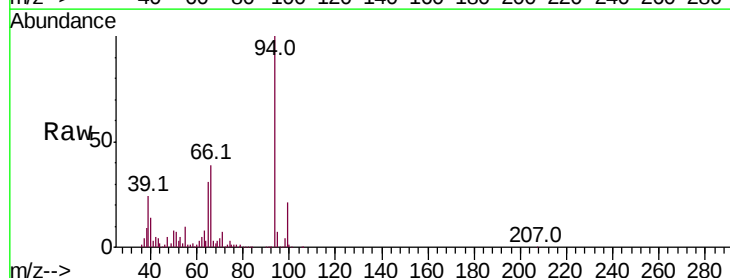
Tgt Ion: 94 Resp: 343325

Ion Ratio Lower Upper

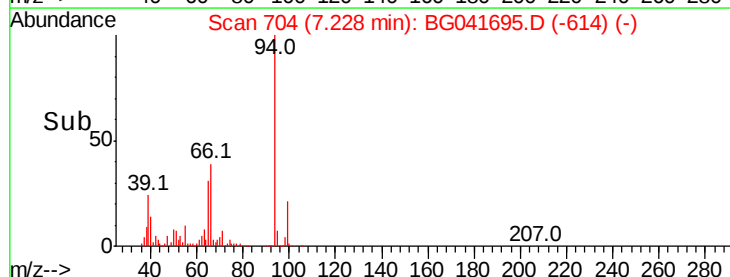
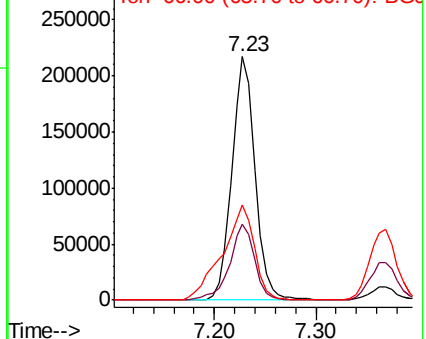
94 100

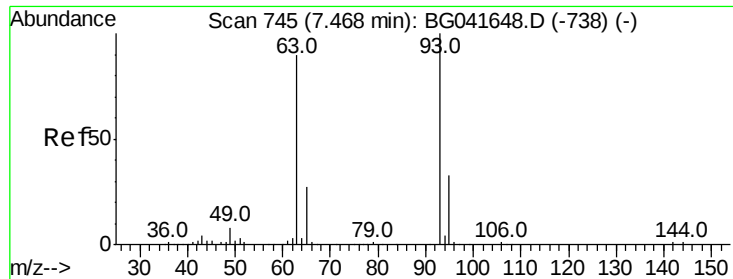
65 31.0 10.6 50.6

66 39.2 18.2 58.2



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





#11

bis(2-Chloroethyl)ether

Concen: 37.344 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

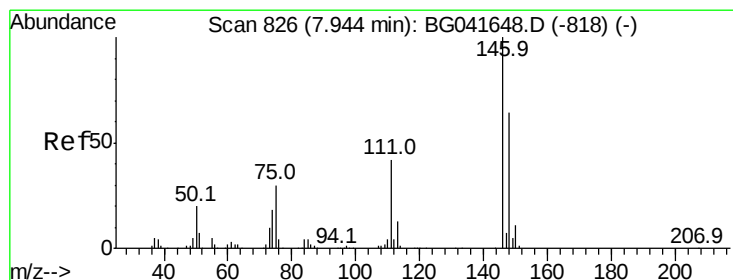
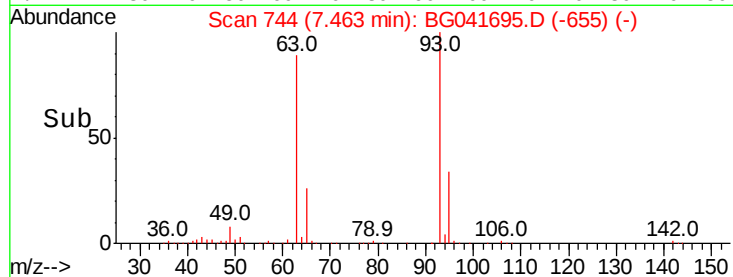
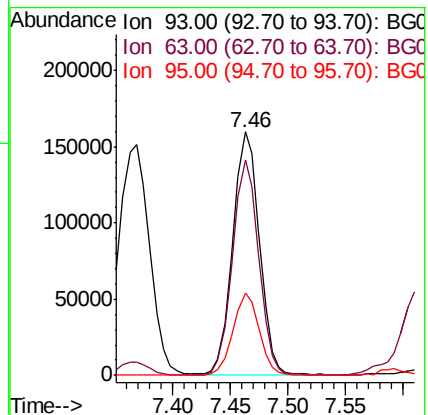
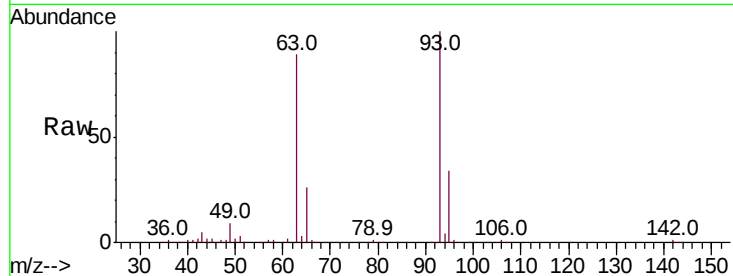
Tot Ion: 93 Resp: 256450

Ion Ratio Lower Upper

93 100

63 88.5 70.4 110.4

95 33.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.023 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

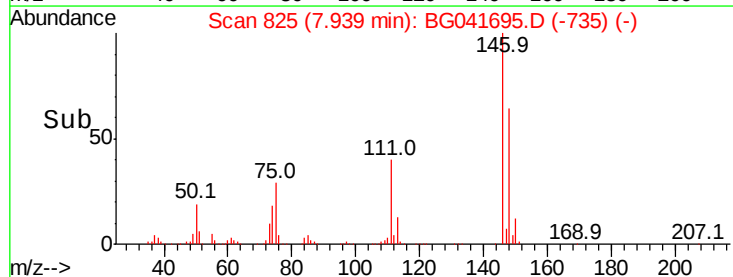
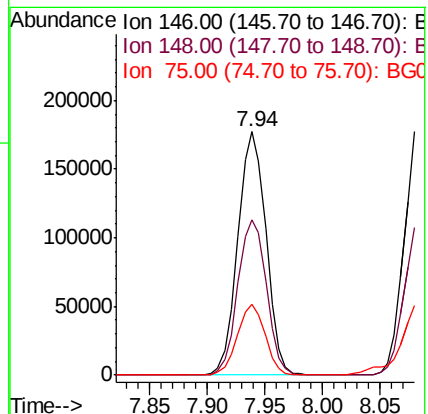
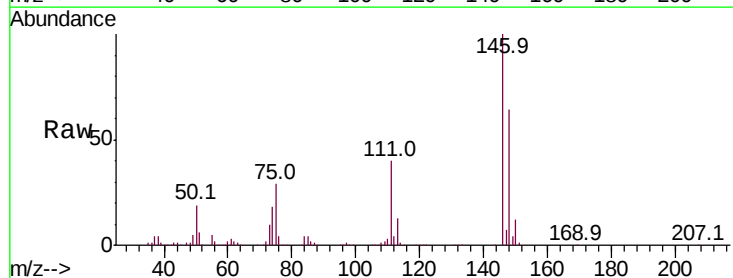
Tgt Ion:146 Resp: 300079

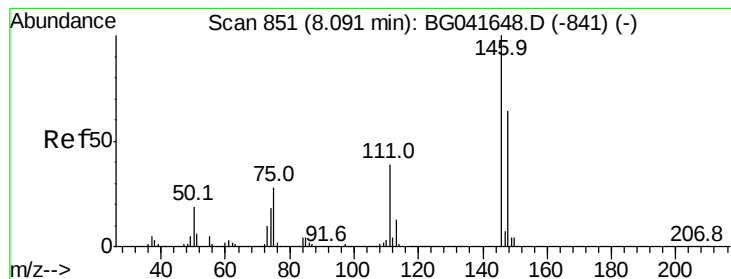
Ion Ratio Lower Upper

146 100

148 63.8 51.5 77.3

75 29.3 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 37.736 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

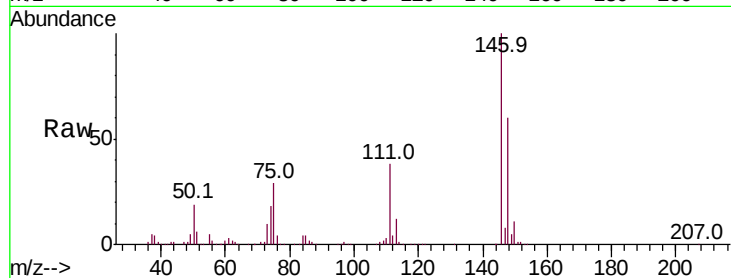
Tot Ion:146 Resp: 306299

Ion Ratio Lower Upper

146 100

148 60.4 52.6 79.0

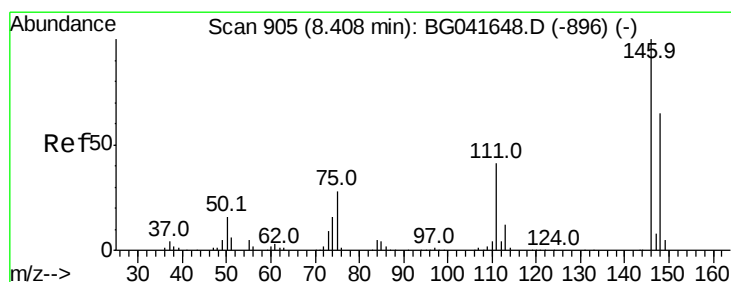
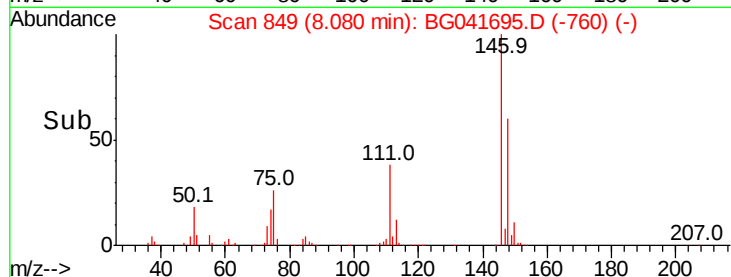
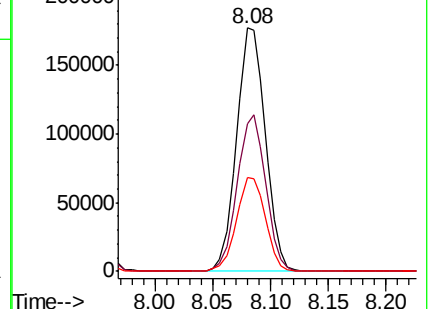
111 38.5 32.5 48.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.492 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

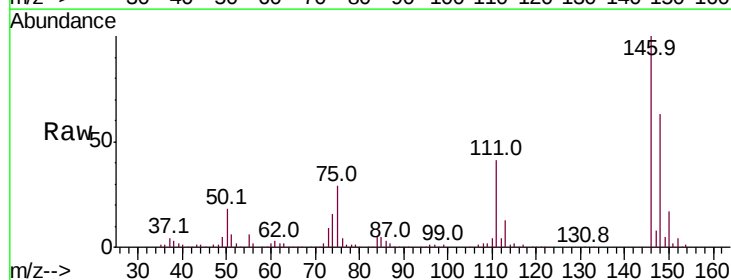
Tgt Ion:146 Resp: 286921

Ion Ratio Lower Upper

146 100

148 63.4 53.5 80.3

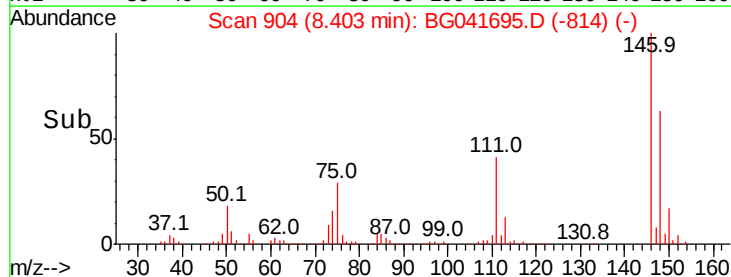
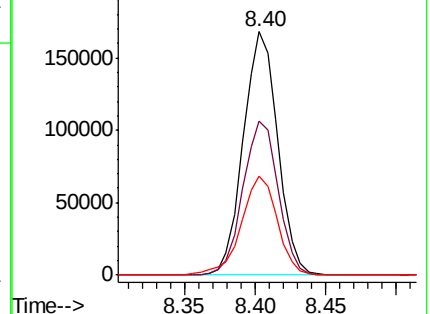
111 40.7 35.4 53.0

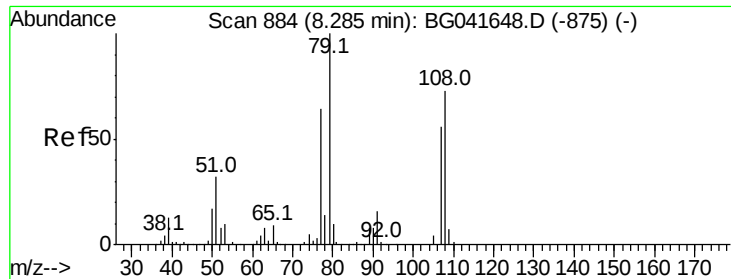


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.019 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

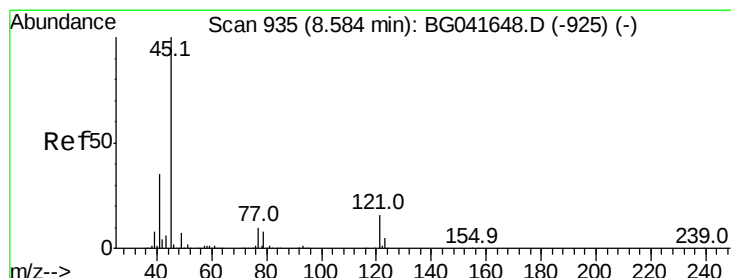
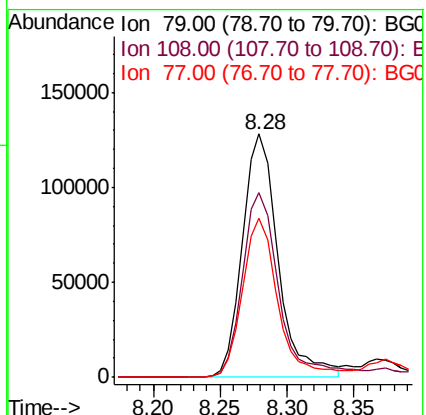
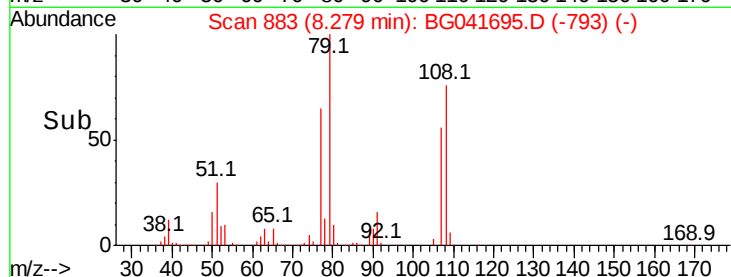
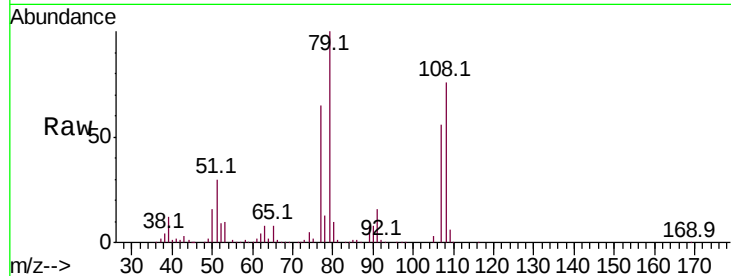
Tot Ion: 79 Resp: 237854

Ion Ratio Lower Upper

79 100

108 76.0 60.5 90.7

77 65.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.376 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

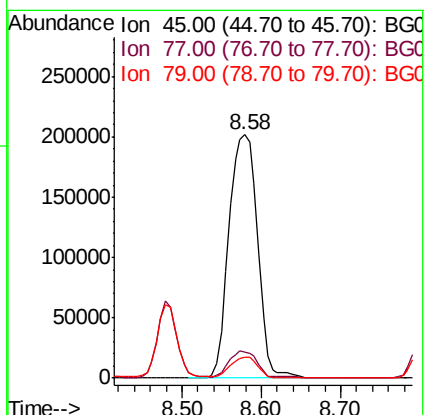
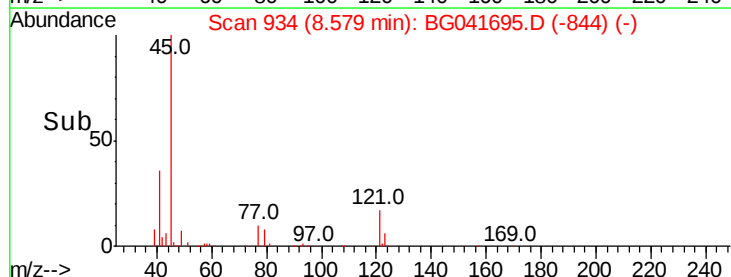
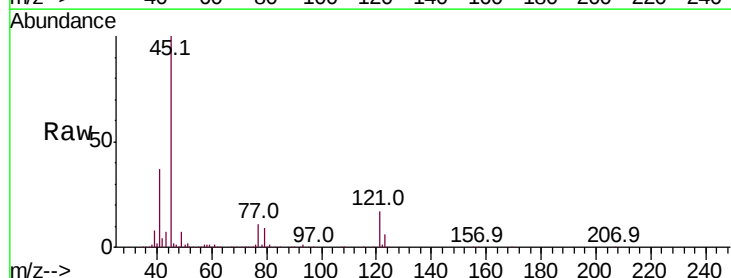
Tgt Ion: 45 Resp: 503386

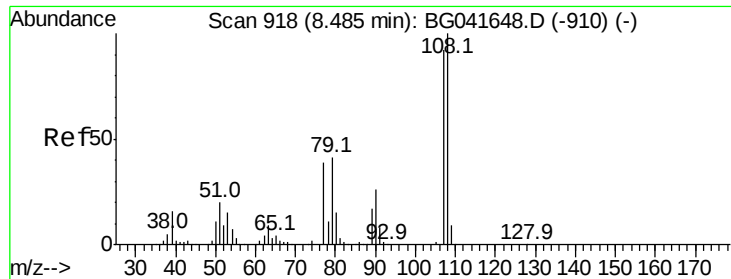
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.4

79 8.5 0.0 27.9

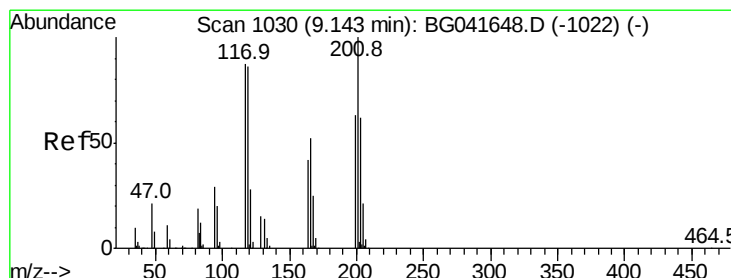
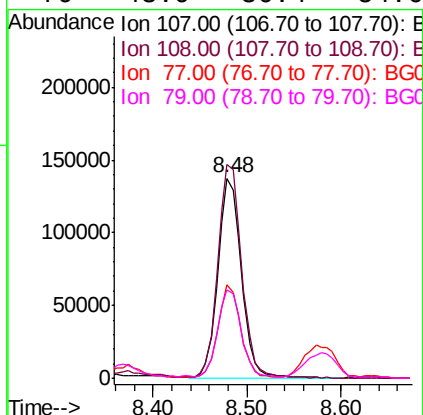
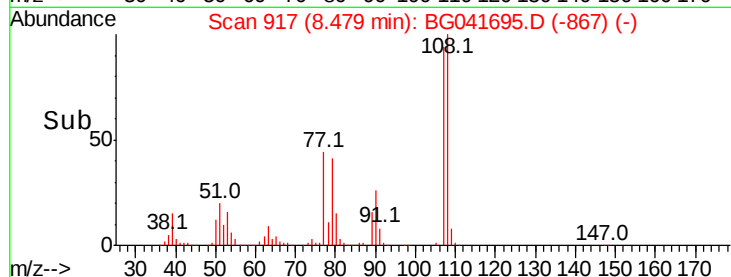
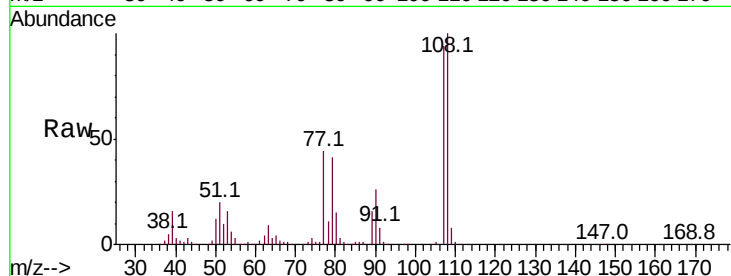




#17
2-Methylphenol
Concen: 40.682 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

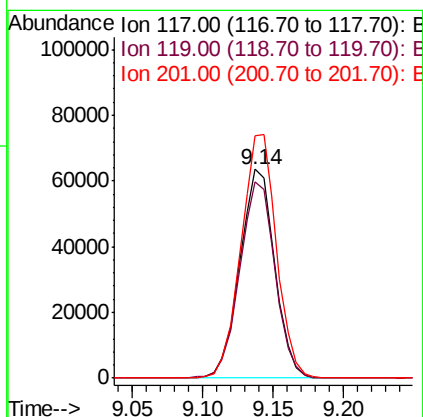
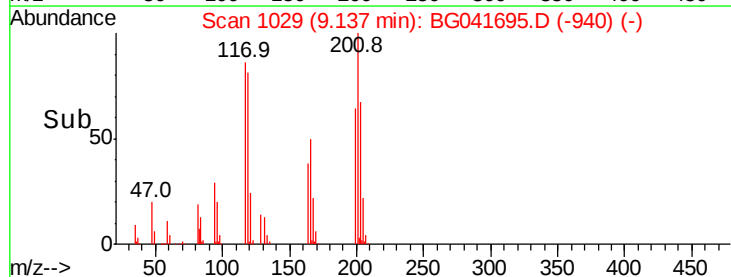
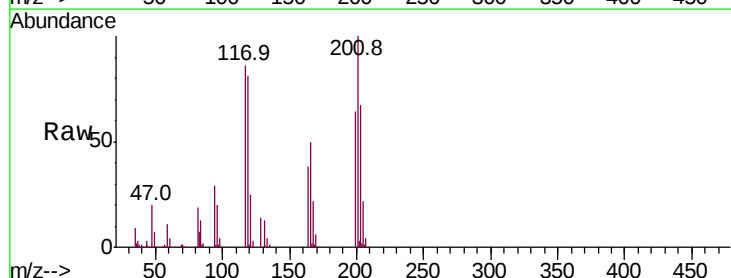
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

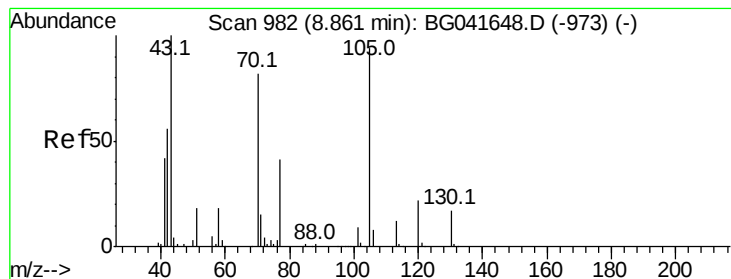
Tot Ion:	107	Resp:	239221
Ion	Ratio	Lower	Upper
107	100		
108	106.7	87.6	131.4
77	46.8	36.1	54.1
79	43.9	36.4	54.6



#18
Hexachloroethane
Concen: 36.922 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion:	117	Resp:	109770
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.2	114.2
201	115.7	94.1	141.1





#19

n-Nitroso-di-n-propylamine

Concen: 36.945 ng

RT: 8.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

Tot Ion: 70 Resp: 217933

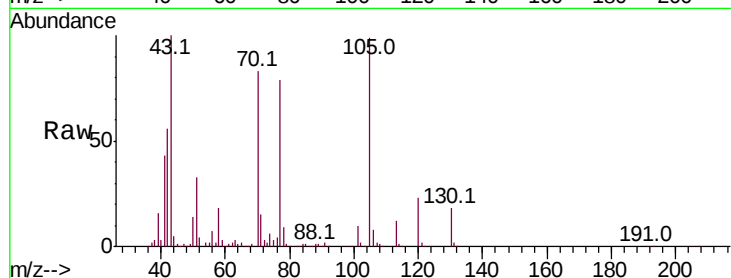
Ion Ratio Lower Upper

70 100

42 66.9 55.8 83.6

101 11.4 8.1 12.1

130 22.0 17.3 25.9



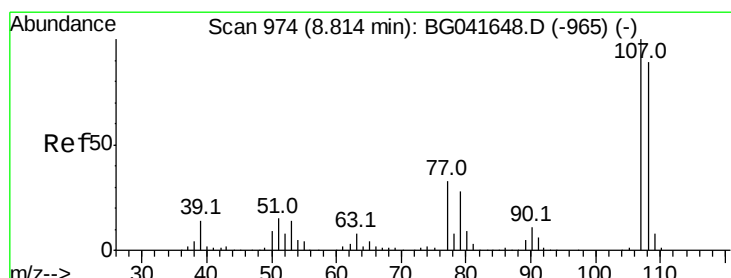
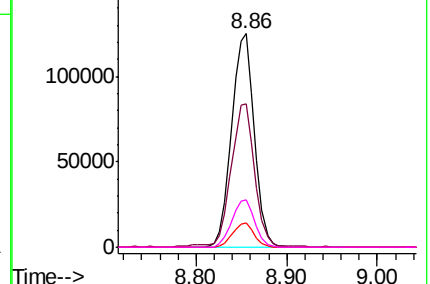
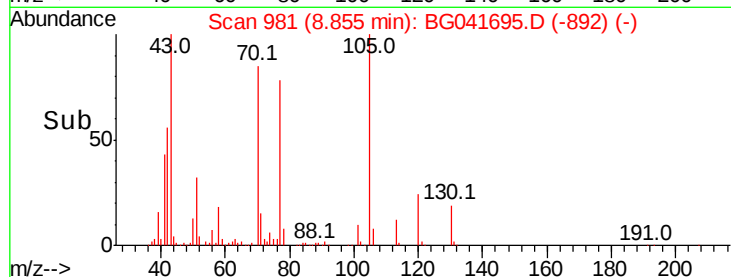
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 40.804 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Tgt Ion: 107 Resp: 328803

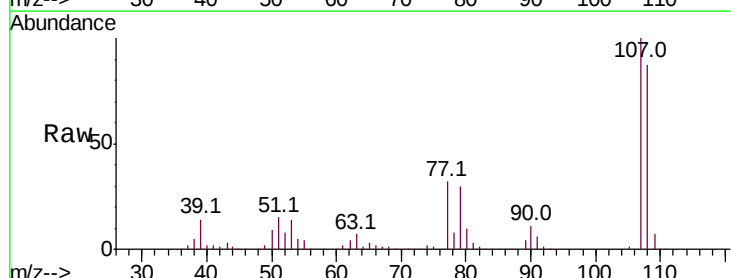
Ion Ratio Lower Upper

107 100

108 87.3 67.5 107.5

77 32.2 12.3 52.3

79 30.1 8.3 48.3



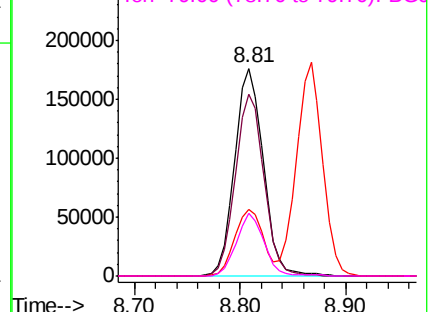
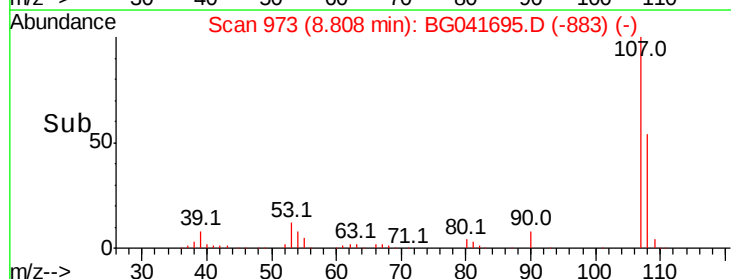
Abundance

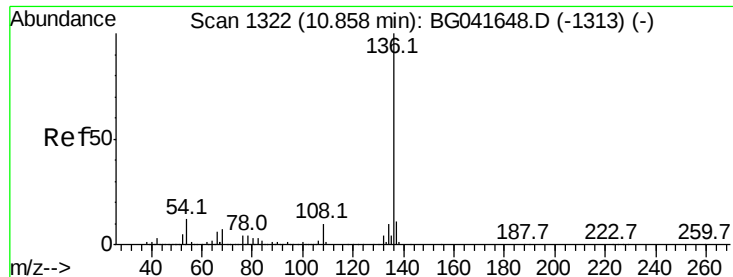
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

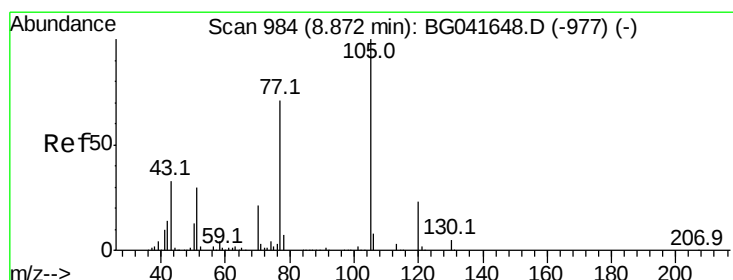
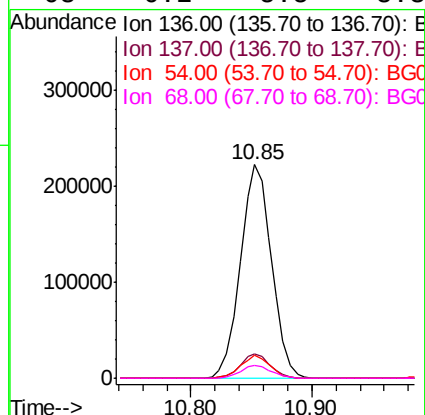
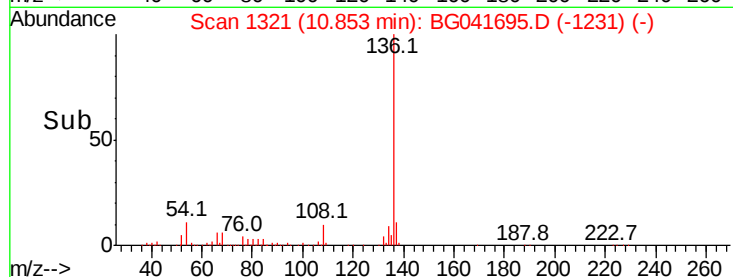
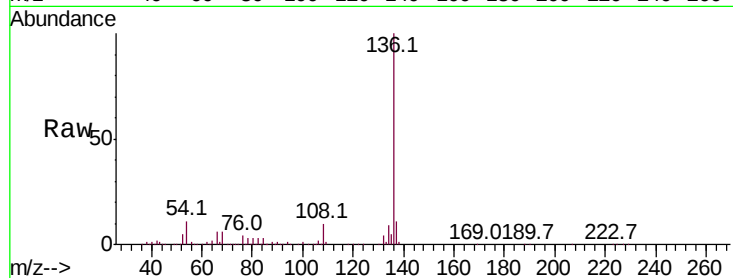




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

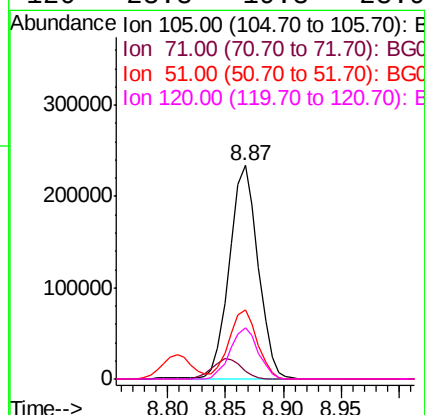
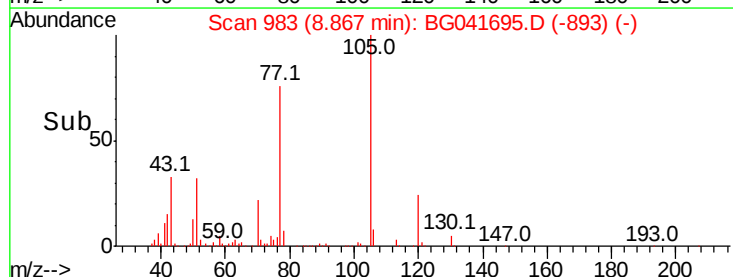
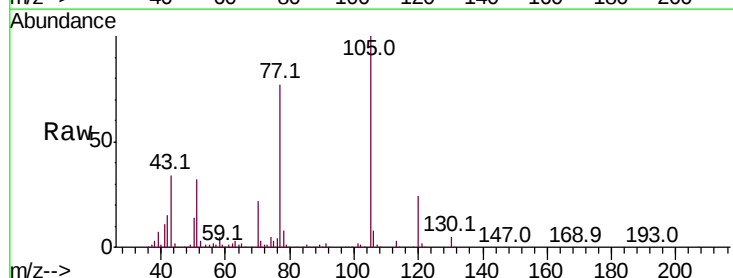
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

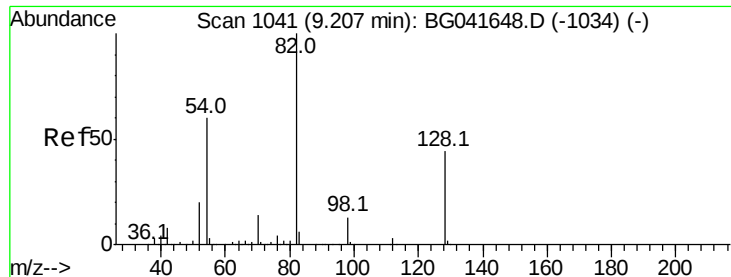
Tot Ion:136	Resp:	397838	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.2	13.8	
54 10.8	8.7	13.1	
68 6.2	5.5	8.3	



#22
Acetophenone
Concen: 41.184 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt	Ion:105	Resp:	399057
Ion	Ratio	Lower	Upper
105	100		
71	3.5	5.9	8.9#
51	32.4	27.7	41.5
120	23.8	19.3	28.9

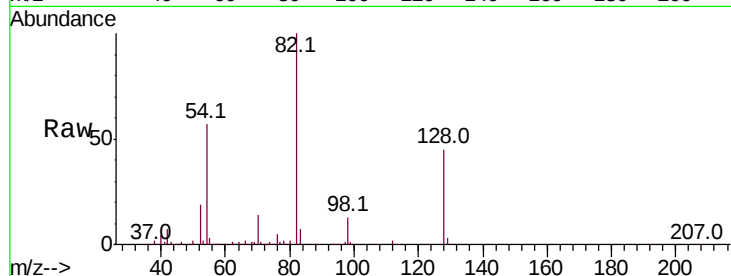




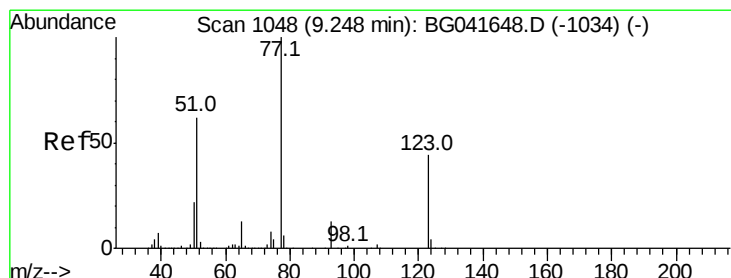
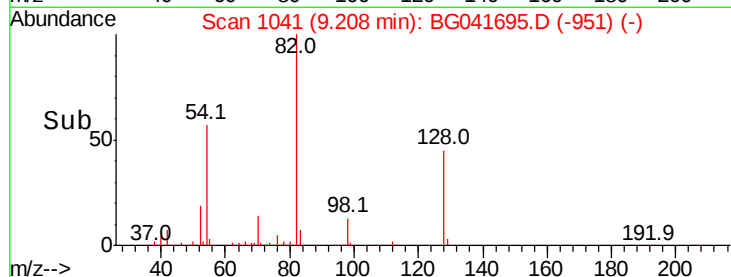
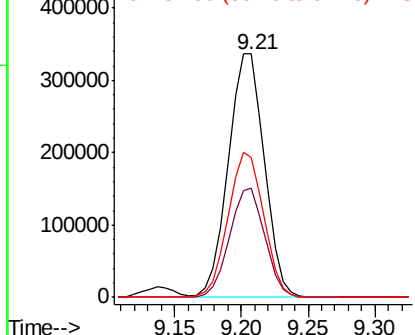
#23
 Nitrobenzene-d5
 Concen: 96.500 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

Tot Ion: 82 Resp: 631283
 Ion Ratio Lower Upper
 82 100
 128 44.8 35.1 52.7
 54 57.4 48.7 73.1

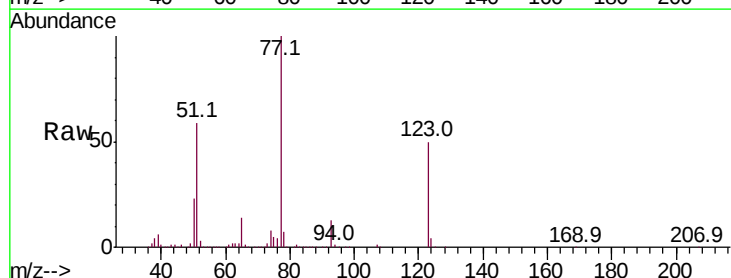


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

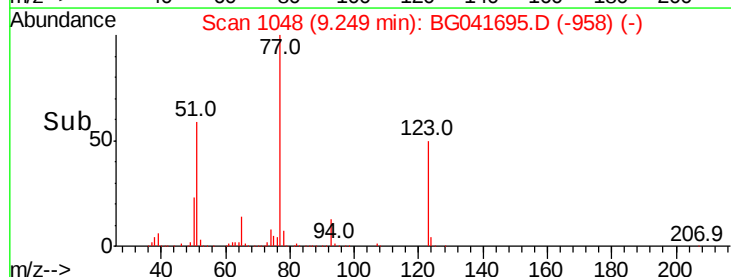
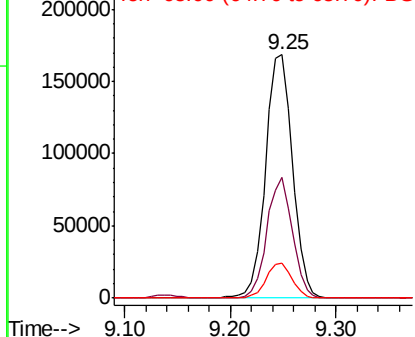


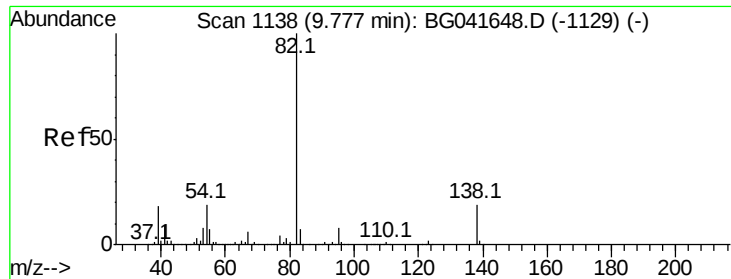
#24
 Nitrobenzene
 Concen: 41.751 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion: 77 Resp: 297942
 Ion Ratio Lower Upper
 77 100
 123 49.6 38.1 57.1
 65 14.4 11.0 16.6



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





#25

Isophorone

Concen: 40.725 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

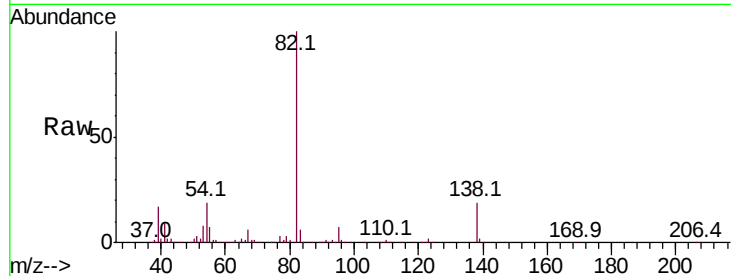
Tot Ion: 82 Resp: 583375

Ion Ratio Lower Upper

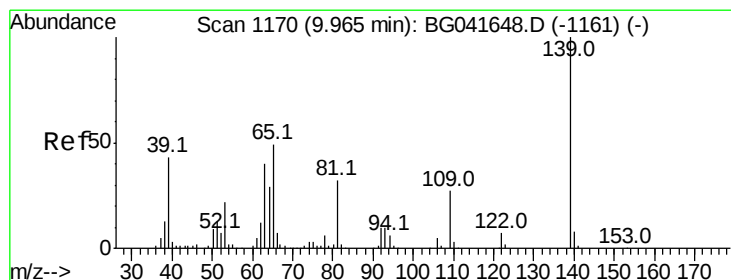
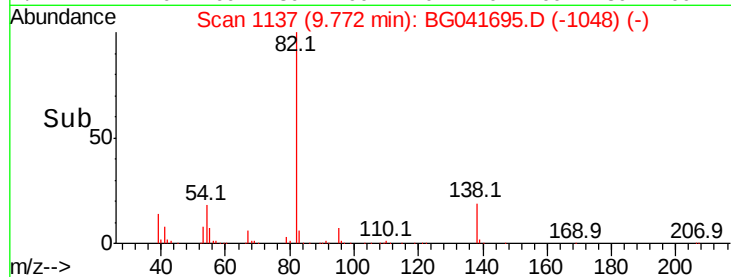
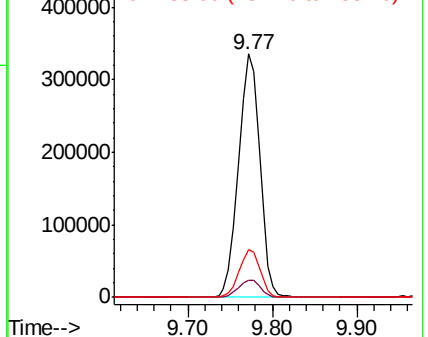
82 100

95 7.2 5.9 8.9

138 19.4 16.3 24.5



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



#26

2-Nitrophenol

Concen: 47.282 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

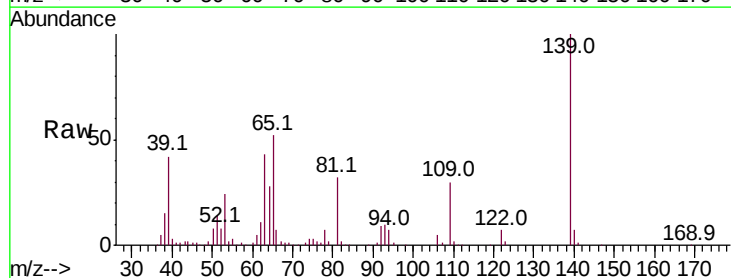
Tgt Ion: 139 Resp: 154537

Ion Ratio Lower Upper

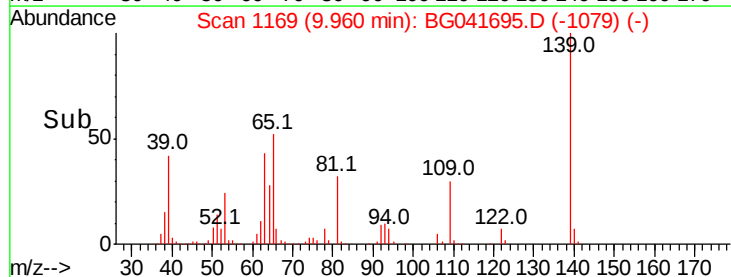
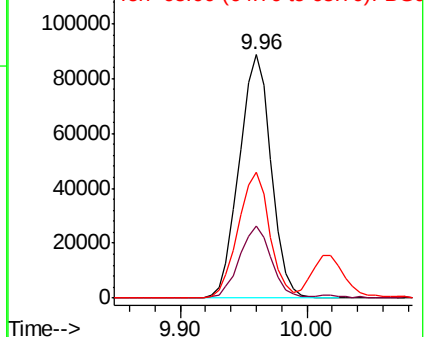
139 100

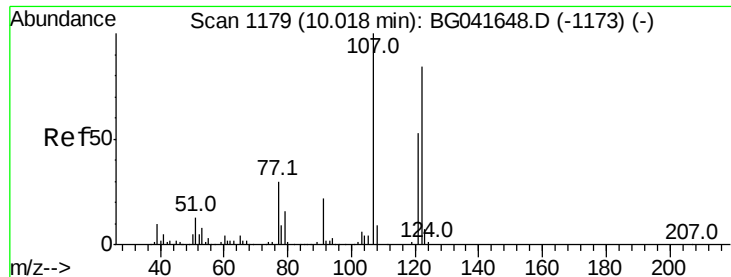
109 29.6 22.7 34.1

65 51.8 41.1 61.7



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

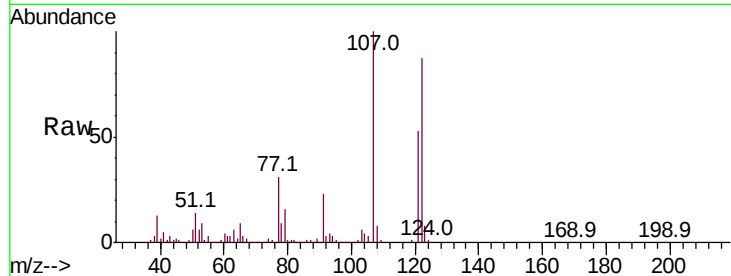




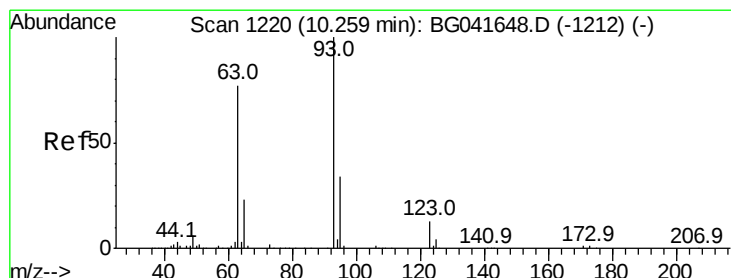
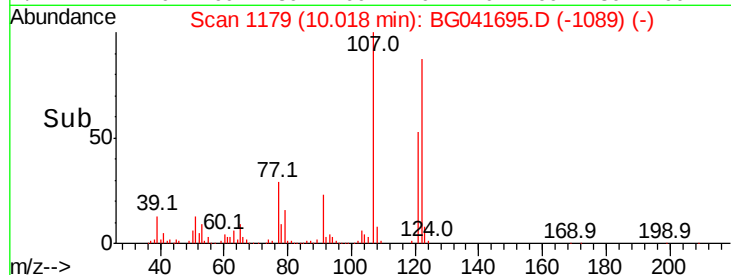
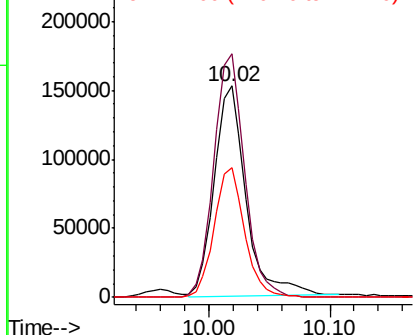
#27
2,4-Dimethylphenol
Concen: 48.893 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion:122 Resp: 277112
Ion Ratio Lower Upper
122 100
107 115.4 91.3 136.9
121 61.5 49.2 73.8

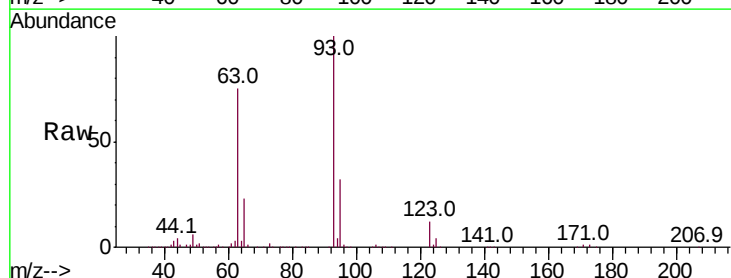


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

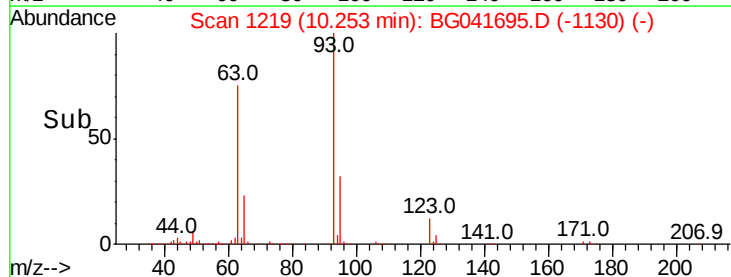
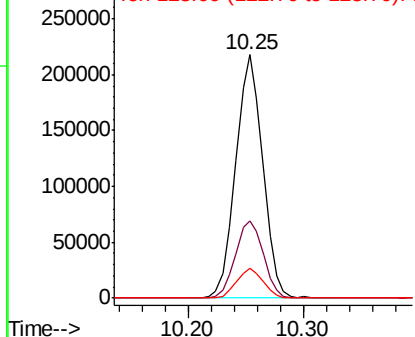


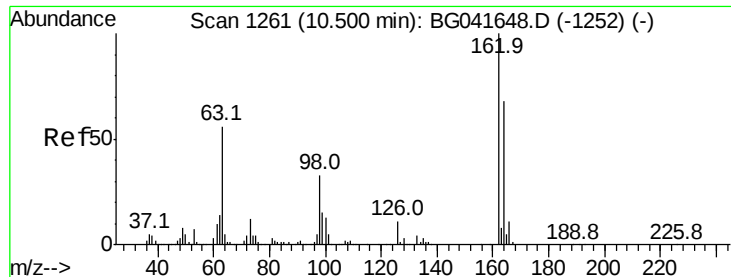
#28
bis(2-Chloroethoxy)methane
Concen: 39.949 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion: 93 Resp: 352699
Ion Ratio Lower Upper
93 100
95 31.8 26.2 39.4
123 12.1 9.9 14.9



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

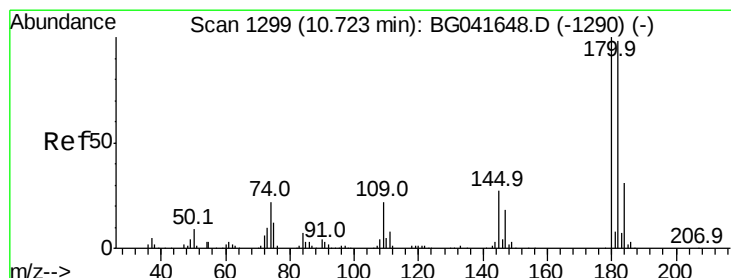
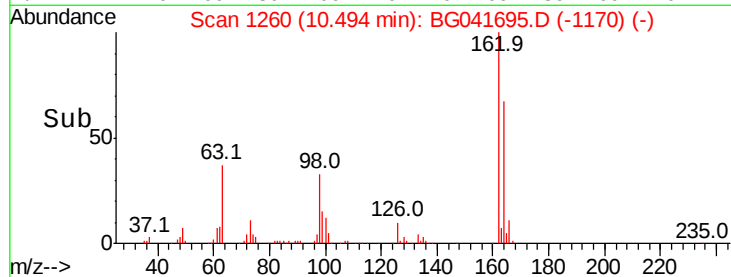
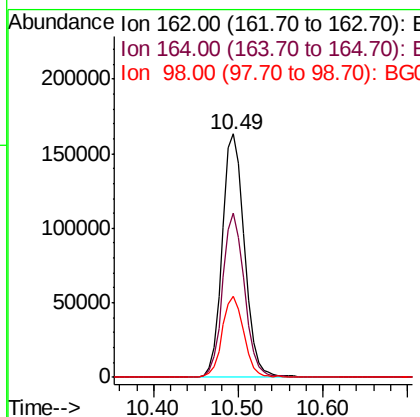
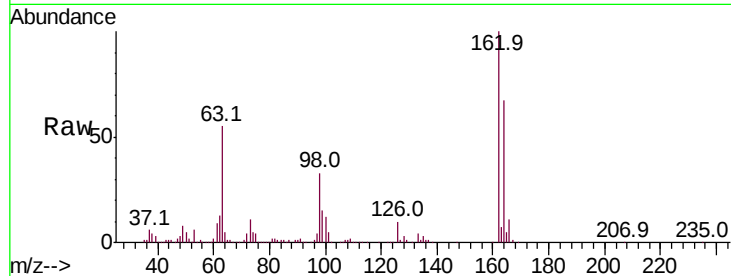




#29
2,4-Dichlorophenol
Concen: 45.914 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

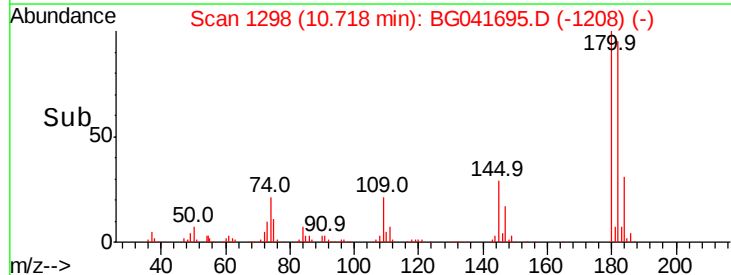
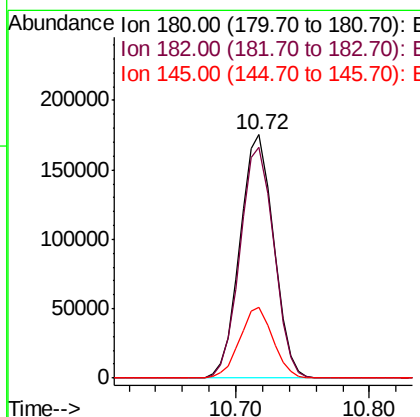
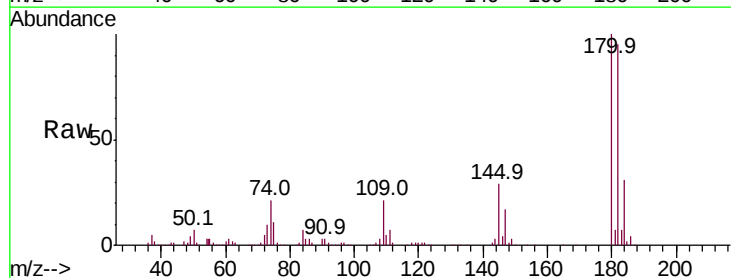
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

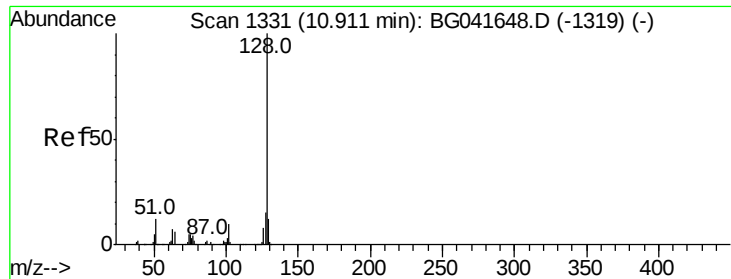
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.4	46.1	86.1
98	33.3	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 40.436 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.2
145	29.0	23.8	35.8

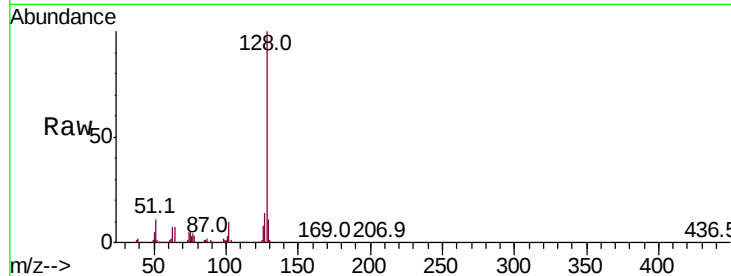




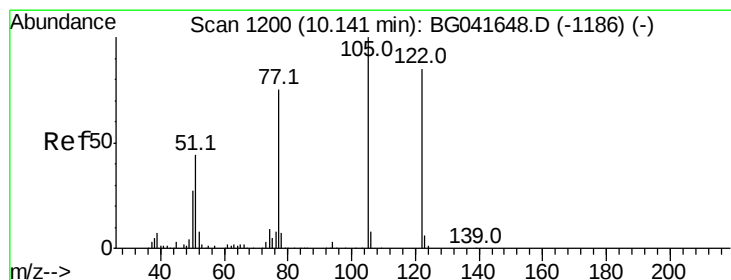
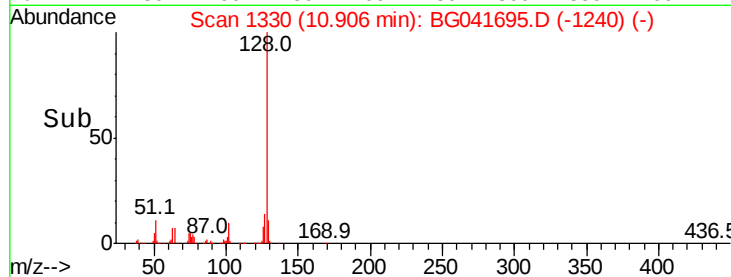
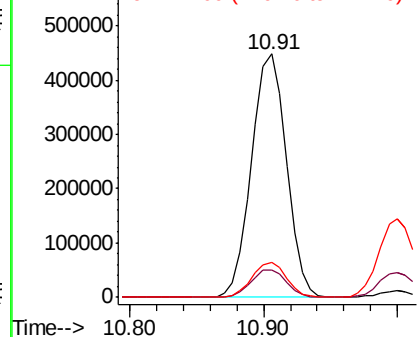
#31
Naphthalene
Concen: 41.242 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion:128 Resp: 807766
Ion Ratio Lower Upper
128 100
129 11.3 10.0 15.0
127 14.2 12.3 18.5

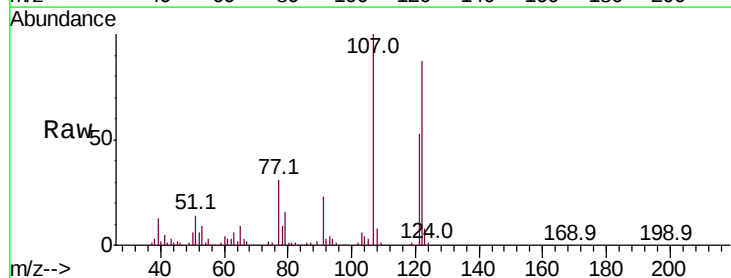


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

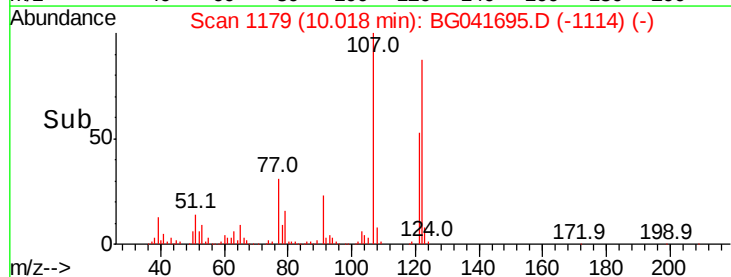
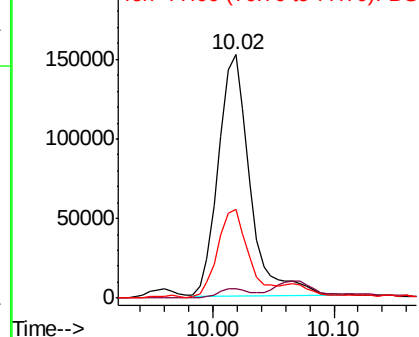


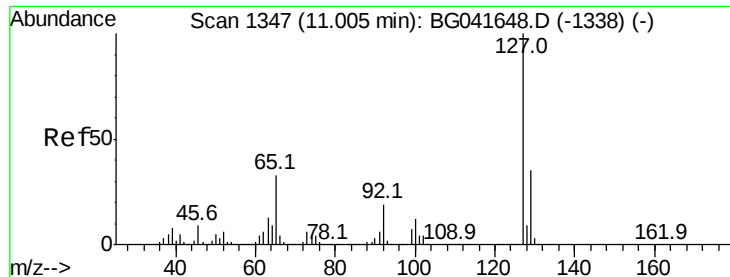
#32
Benzoic acid
Concen: 62.350 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.15 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion:122 Resp: 277112
Ion Ratio Lower Upper
122 100
105 3.8 101.5 141.5#
77 36.3 73.0 113.0#



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

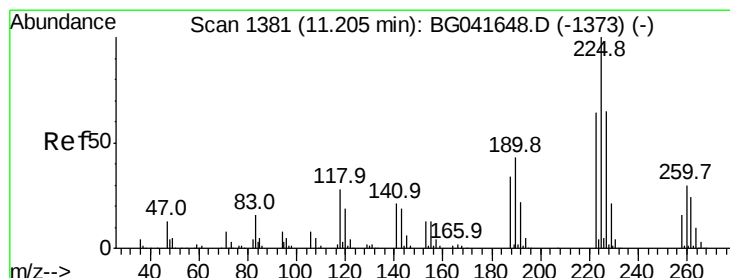
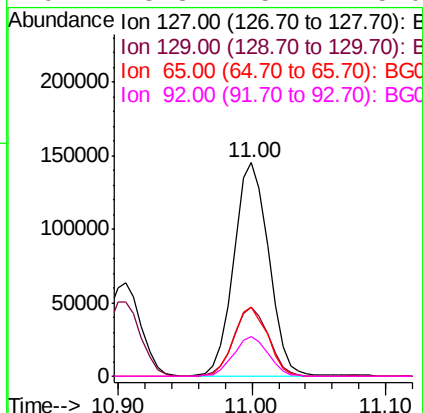
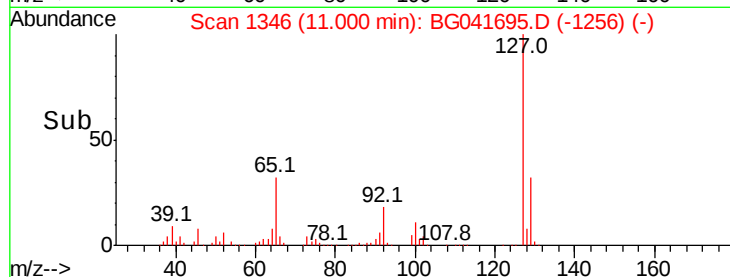
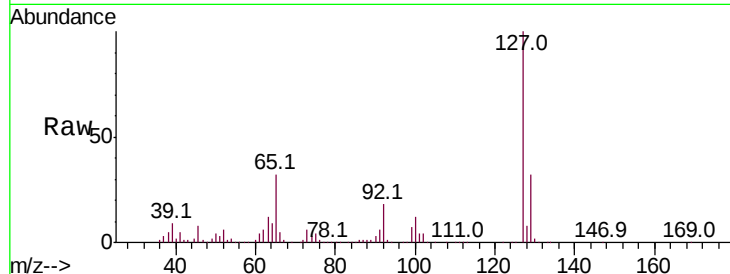




#33
4-Chloroaniline
Concen: 29.144 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

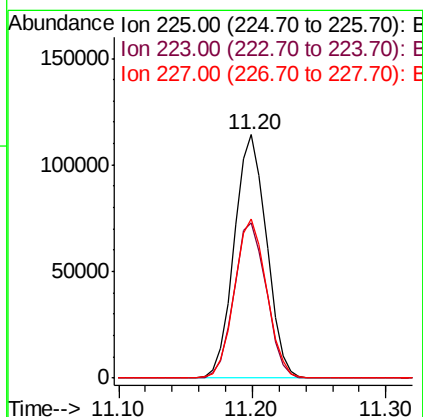
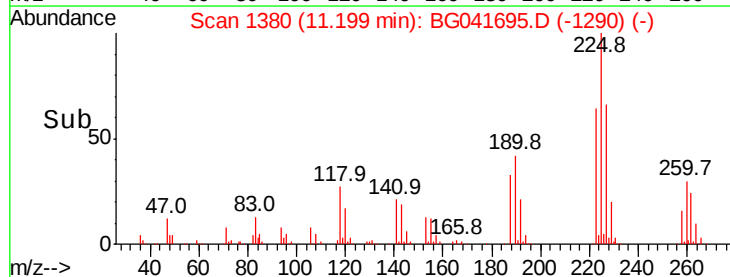
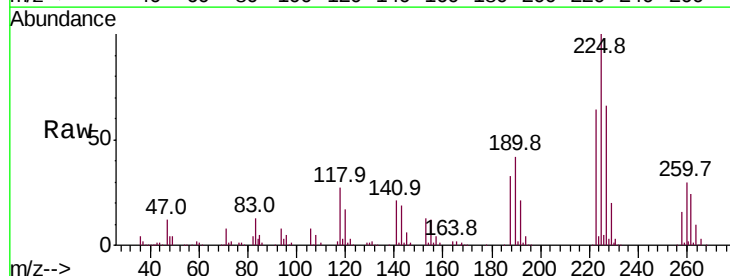
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

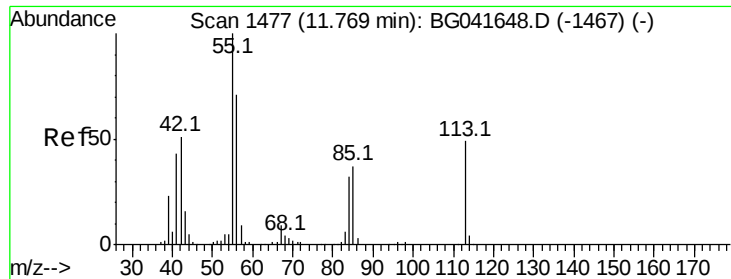
Tot Ion:	127	Resp:	263301
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	32.5	26.7	40.1
92	18.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.238 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion:	225	Resp:	191350
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.1	76.7
227	65.5	50.9	76.3





#35

Caprolactam

Concen: 49.666 ng

RT: 11.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

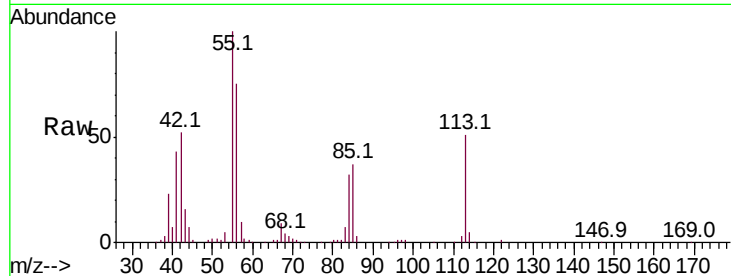
Tot Ion:113 Resp: 117966

Ion Ratio Lower Upper

113 100

55 195.0 199.4 239.4#

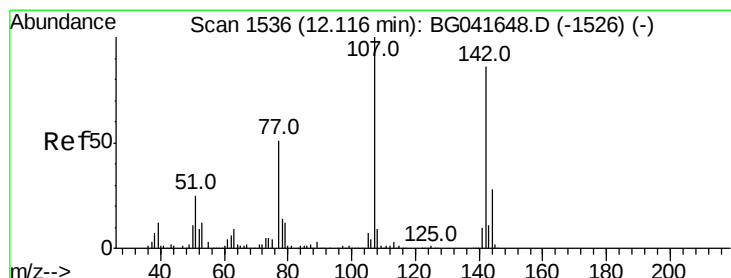
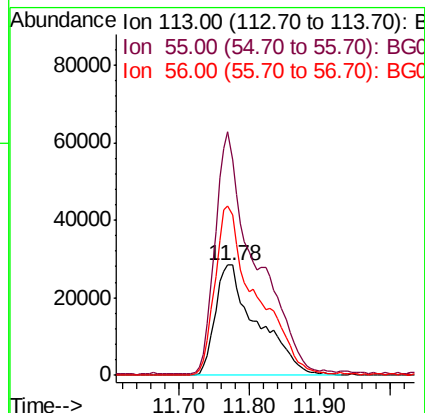
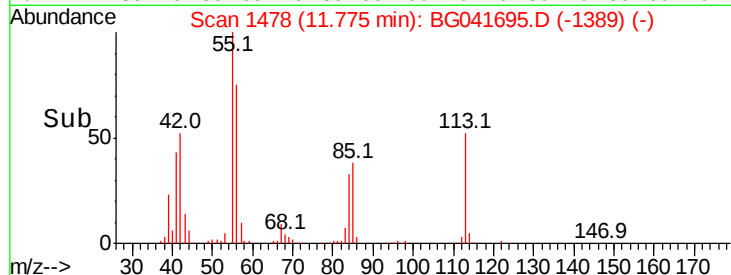
56 145.7 133.6 173.6



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: 44.845 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

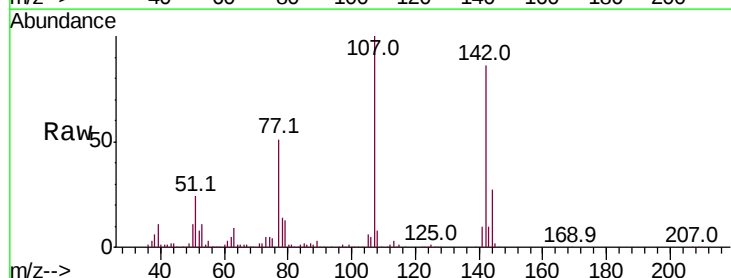
Tgt Ion:107 Resp: 303583

Ion Ratio Lower Upper

107 100

144 27.4 22.2 33.2

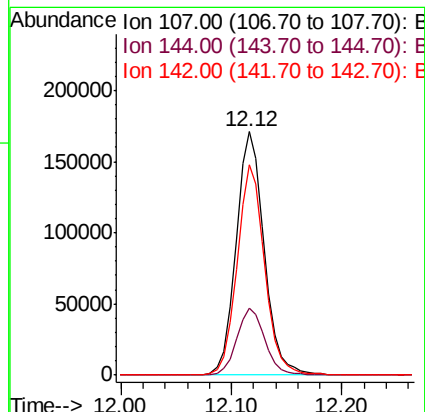
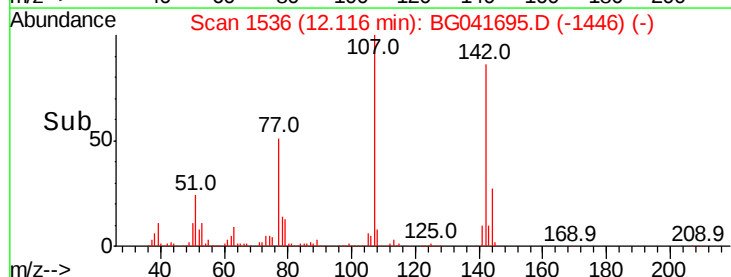
142 86.2 67.3 100.9

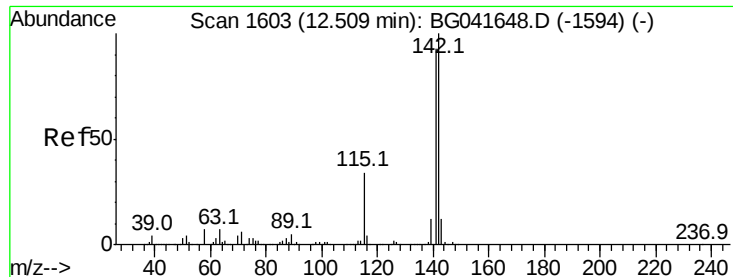


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

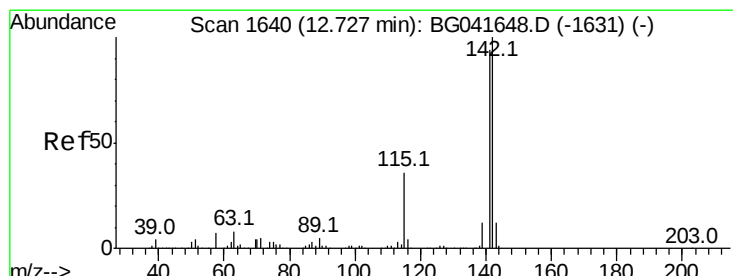
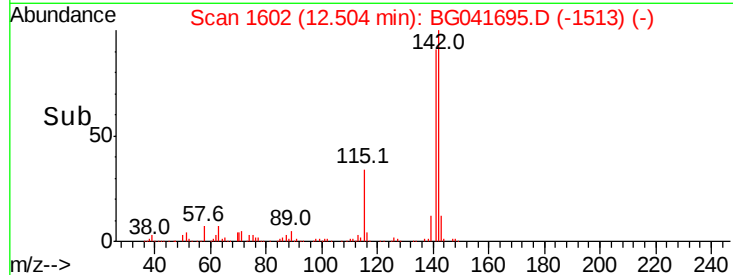
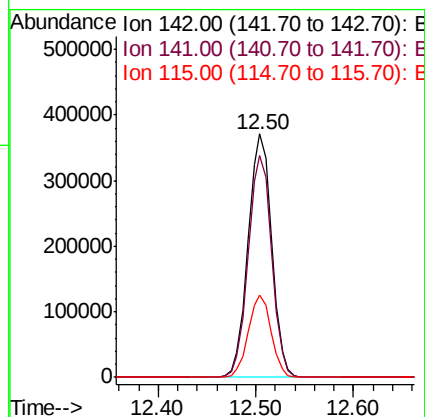
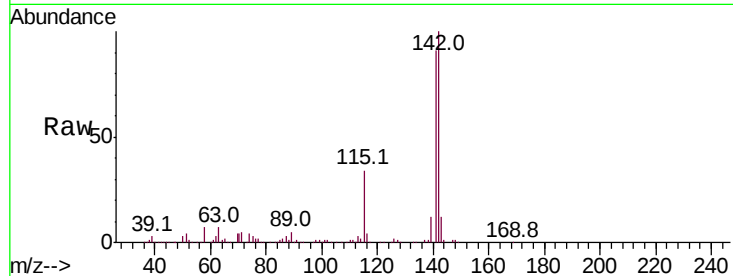




#37
2-Methylnaphthalene
Concen: 41.885 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

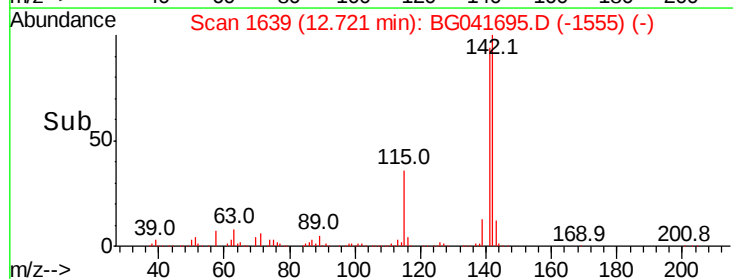
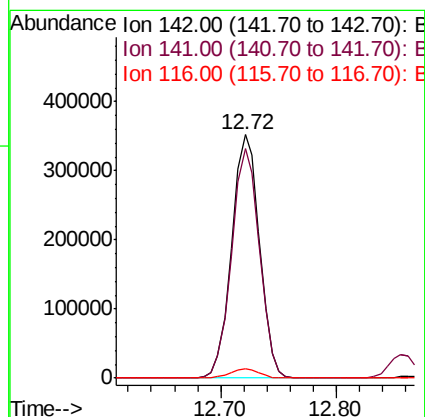
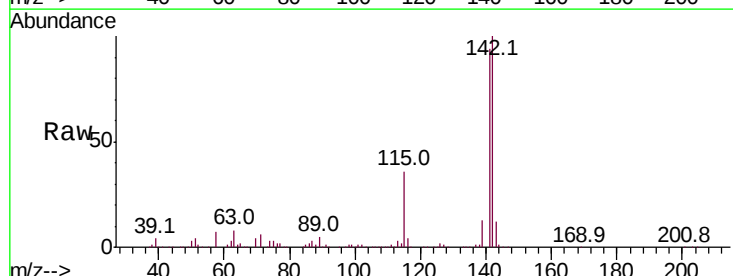
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

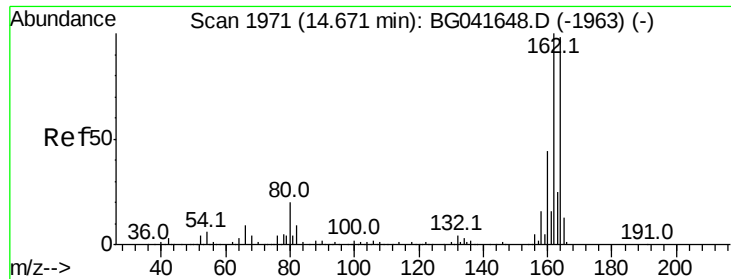
Tot Ion:142 Resp: 626770
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1
115 34.1 27.0 40.4



#38
1-Methylnaphthalene
Concen: 41.040 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion:142 Resp: 585482
Ion Ratio Lower Upper
142 100
141 94.3 75.4 113.2
116 4.0 3.2 4.8

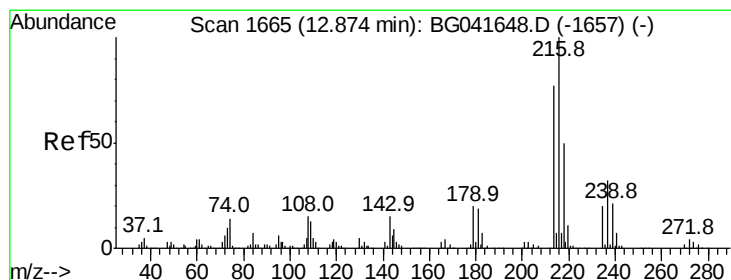
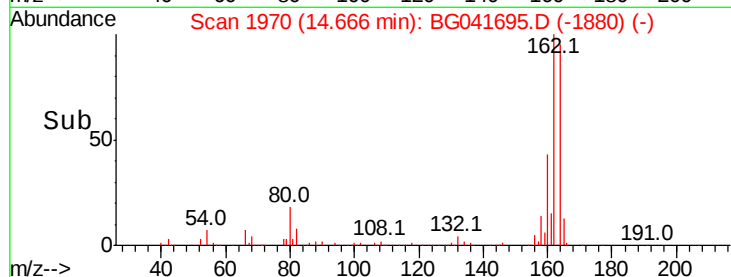
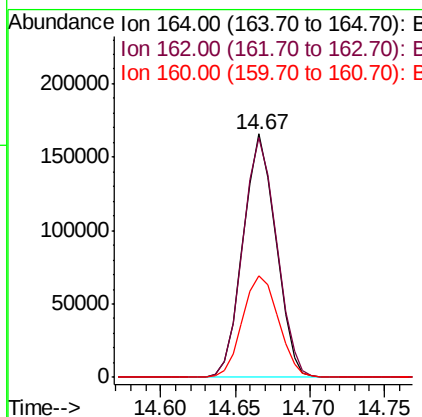
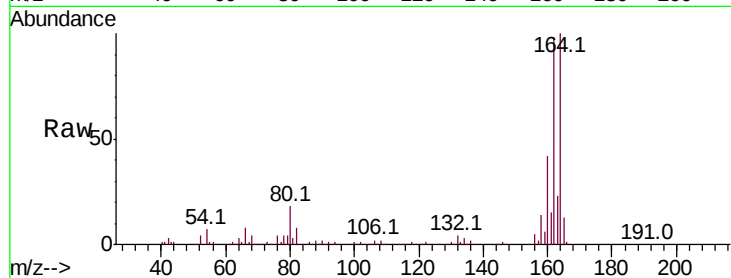




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

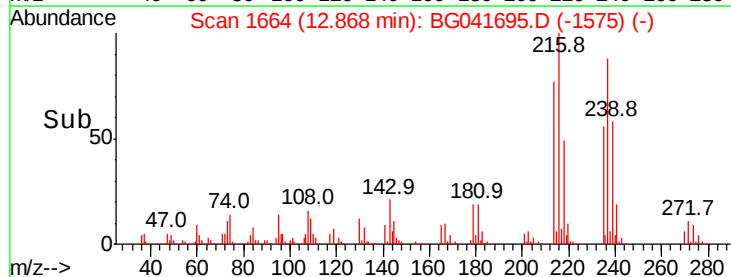
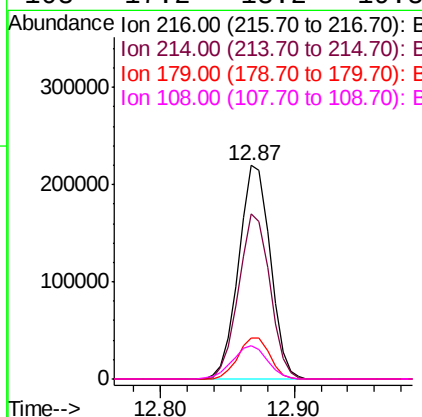
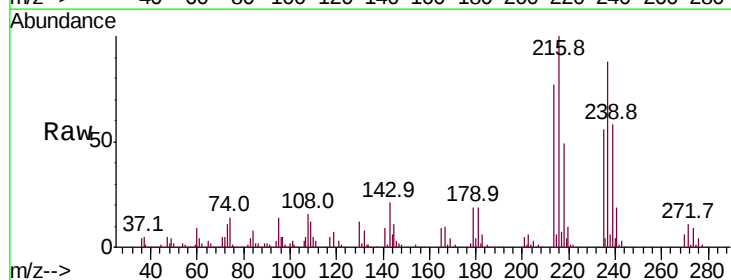
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

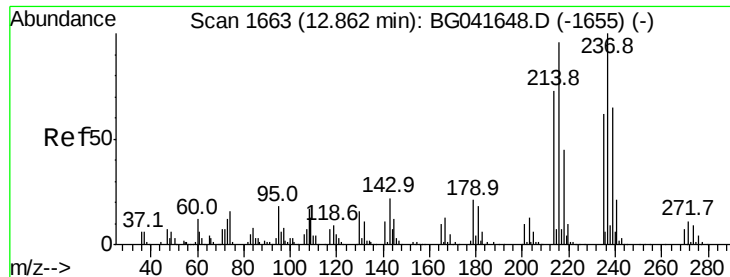
Tot Ion:164 Resp: 253457
Ion Ratio Lower Upper
164 100
162 98.3 79.6 119.4
160 41.8 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.509 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion:216 Resp: 360378
Ion Ratio Lower Upper
216 100
214 76.5 61.5 92.3
179 19.4 16.2 24.2
108 17.2 13.2 19.8

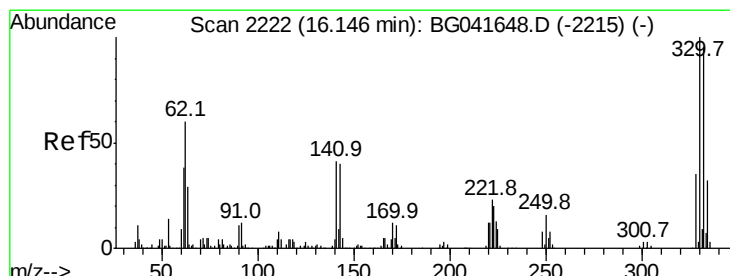
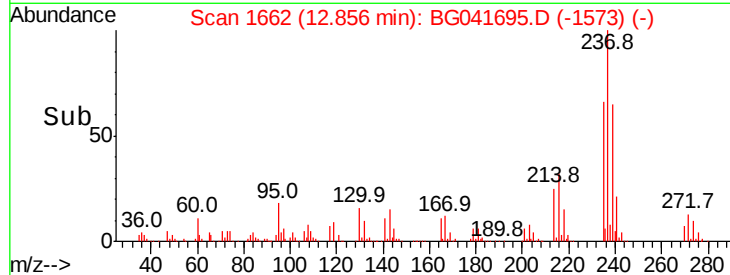
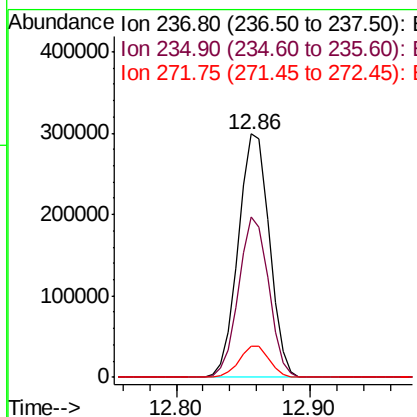
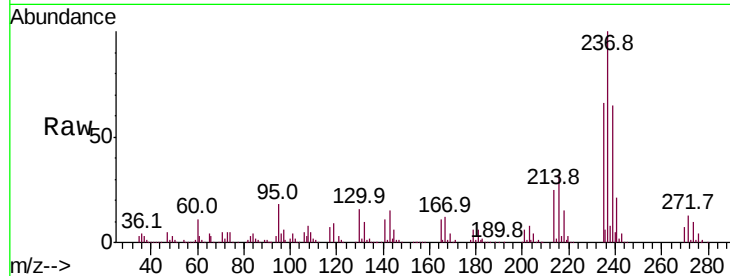




#41
 Hexachlorocyclopentadiene
 Concen: 97.895 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

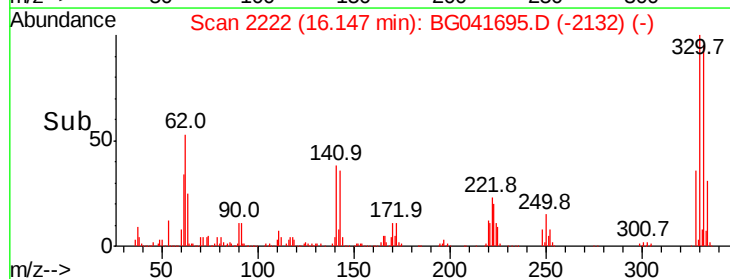
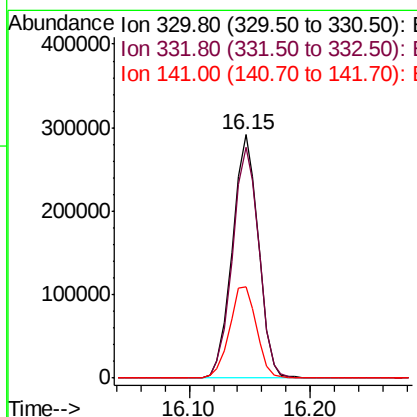
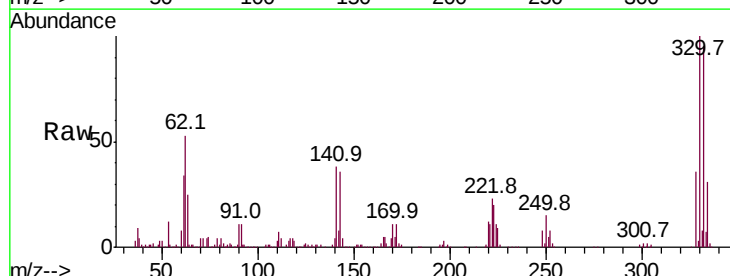
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

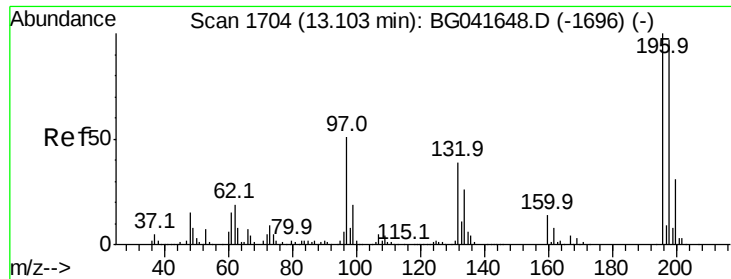
Tot Ion:	237	Resp:	480776
Ion	Ratio	Lower	Upper
237	100		
235	65.8	43.5	83.5
272	12.7	0.0	31.2



#42
 2,4,6-Tribromophenol
 Concen: 153.519 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion:	330	Resp:	438514
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	38.9	31.9	47.9

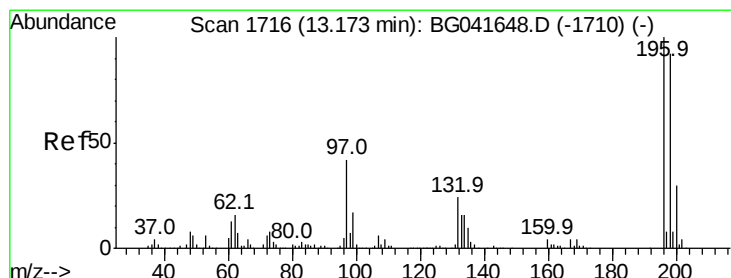
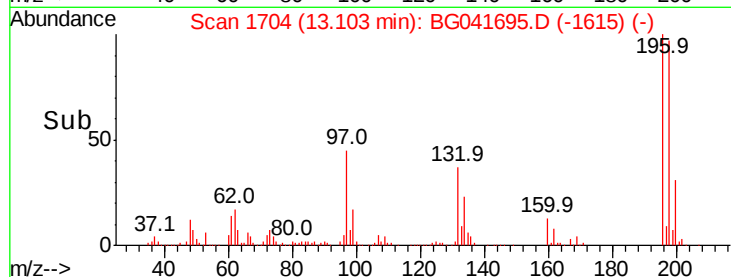
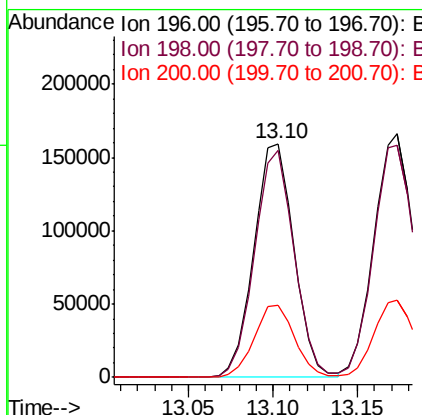
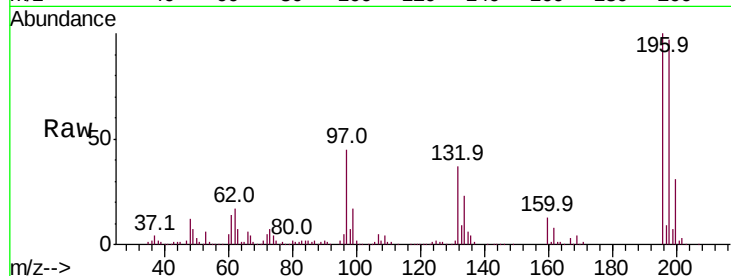




#43
 2,4,6-Trichlorophenol
 Concen: 46.407 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

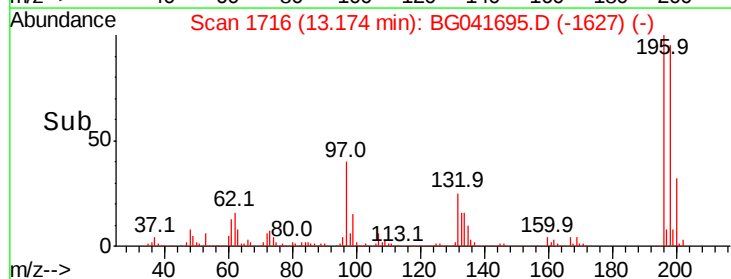
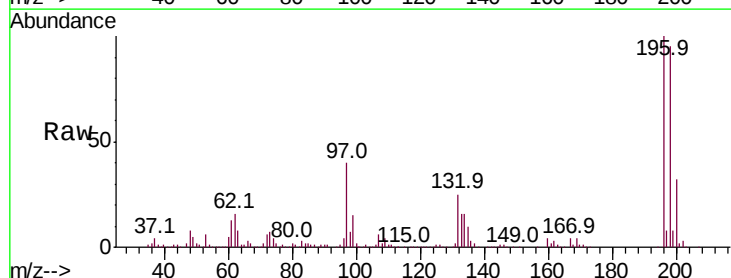
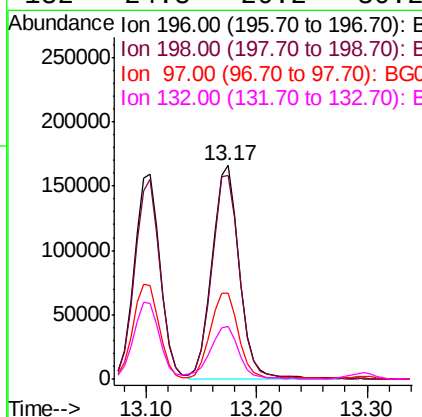
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

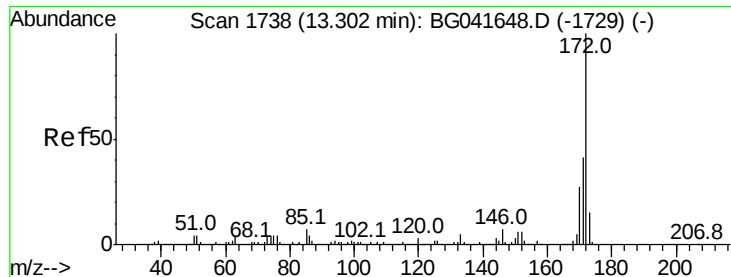
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	79.6	119.4
200	31.0	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 47.303 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	80.6	121.0
97	40.0	33.9	50.9
132	24.8	20.2	30.2

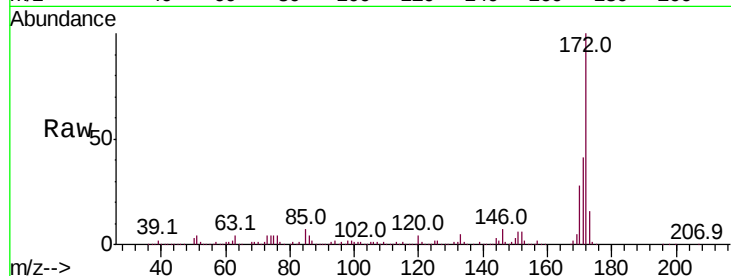




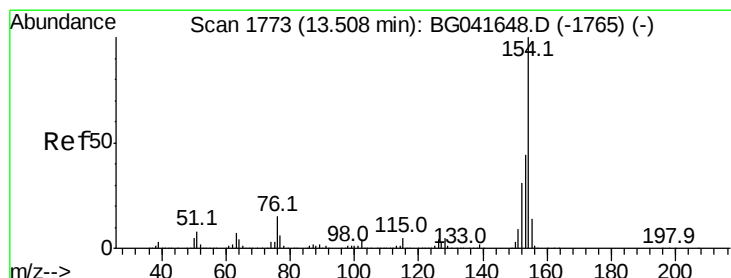
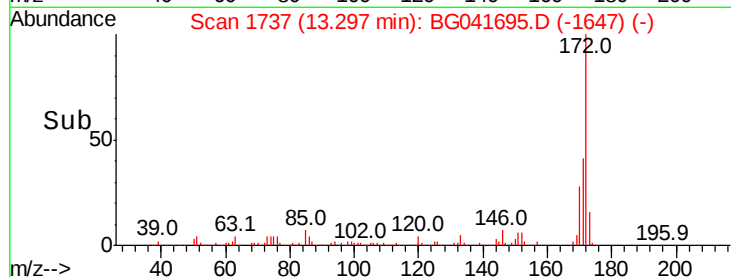
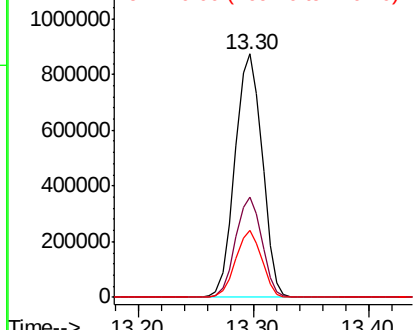
#45
 2-Fluorobiphenyl
 Concen: 87.000 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

Tot Ion:172 Resp: 1424008
 Ion Ratio Lower Upper
 172 100
 171 41.2 35.0 52.4
 170 27.7 23.5 35.3

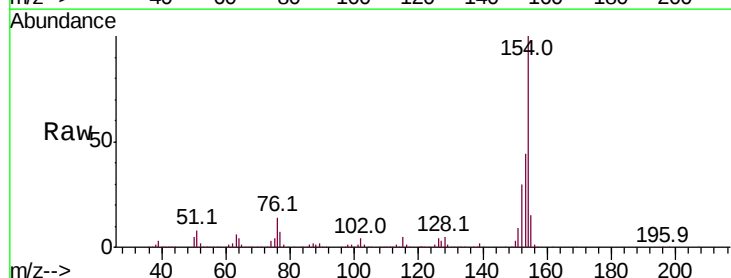


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

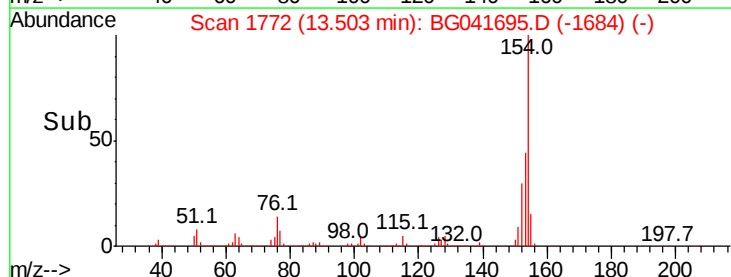
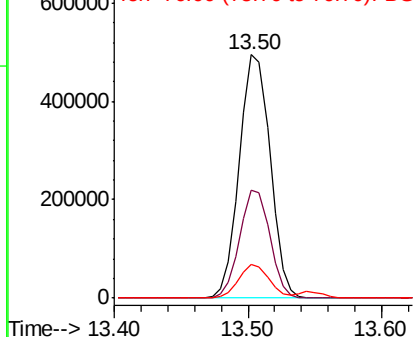


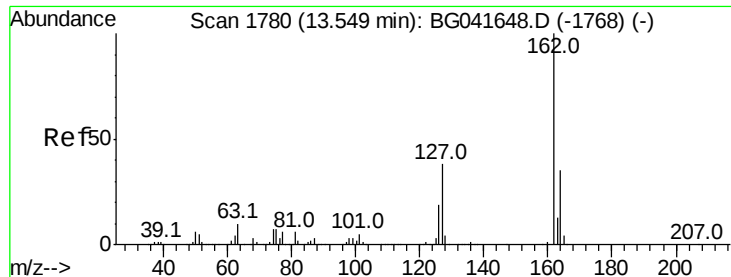
#46
 1,1'-Biphenyl
 Concen: 41.592 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion:154 Resp: 789774
 Ion Ratio Lower Upper
 154 100
 153 44.3 25.0 65.0
 76 13.8 0.0 34.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

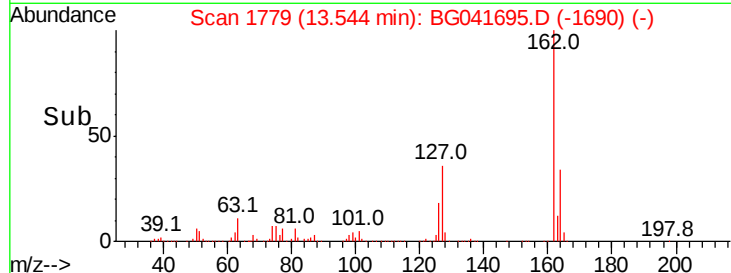
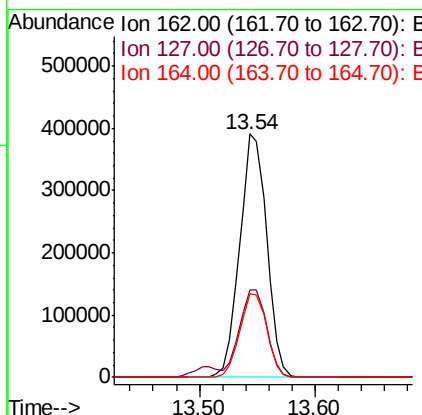
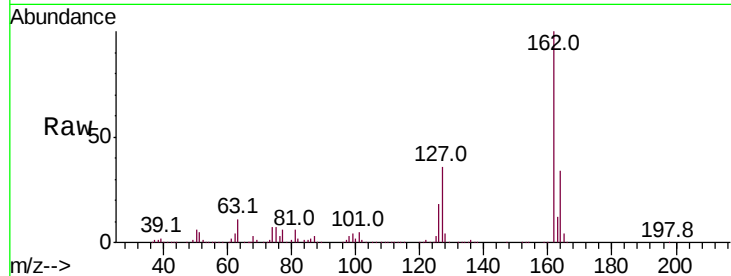




#47
 2-Chloronaphthalene
 Concen: 40.025 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

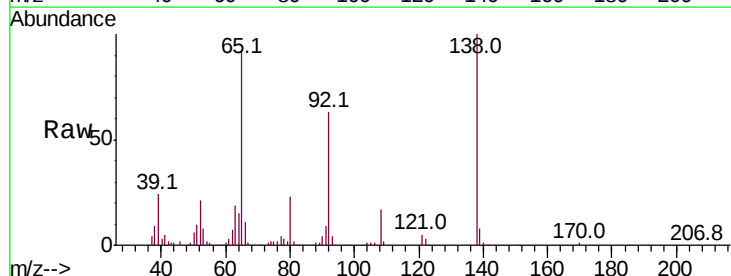
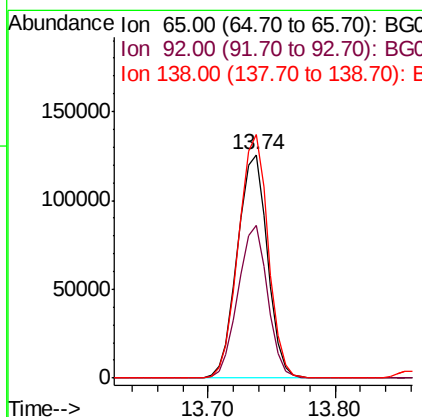
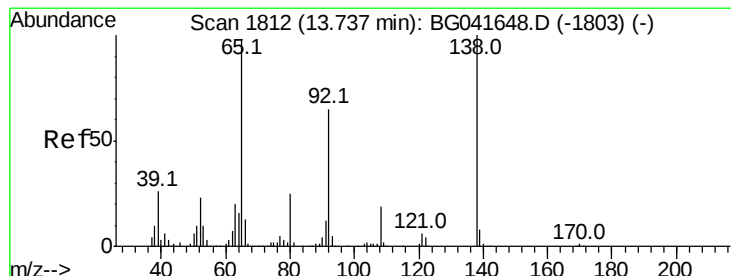
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

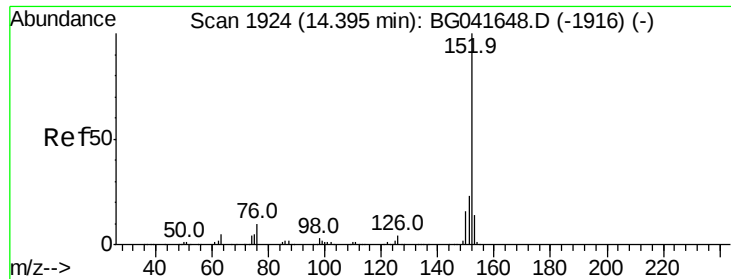
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.4	45.6
164	34.4	28.6	42.8



#48
 2-Nitroaniline
 Concen: 44.924 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	53.9	80.9
138	108.9	83.5	125.3





#49

Acenaphthylene

Concen: 41.151 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

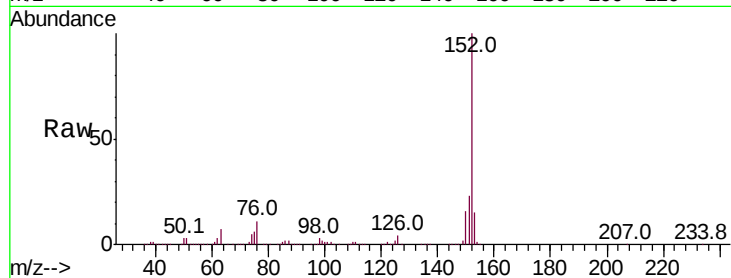
Tot Ion:152 Resp: 1016641

Ion Ratio Lower Upper

152 100

151 22.8 18.7 28.1

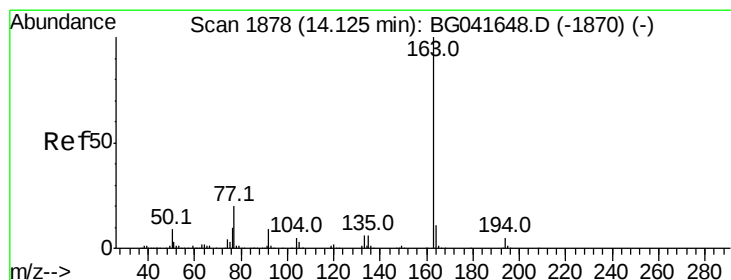
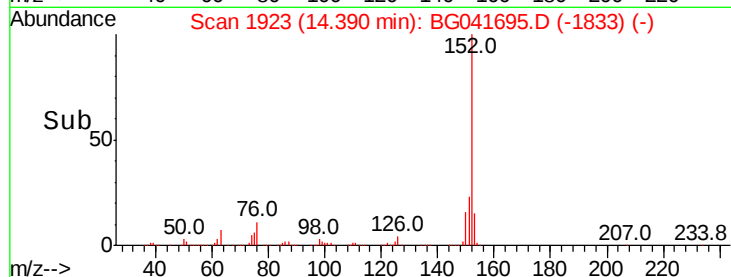
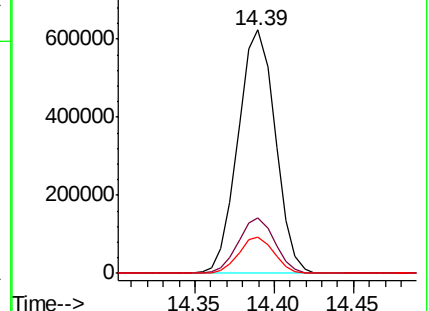
153 14.8 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.460 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

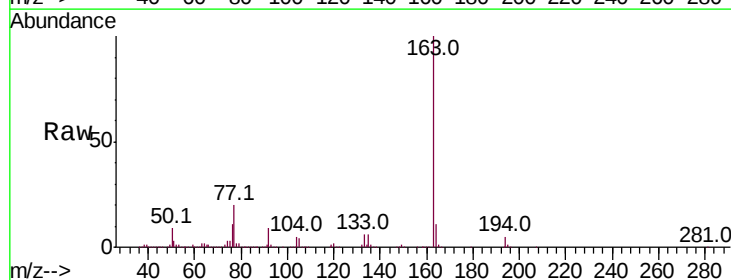
Tgt Ion:163 Resp: 1044285

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

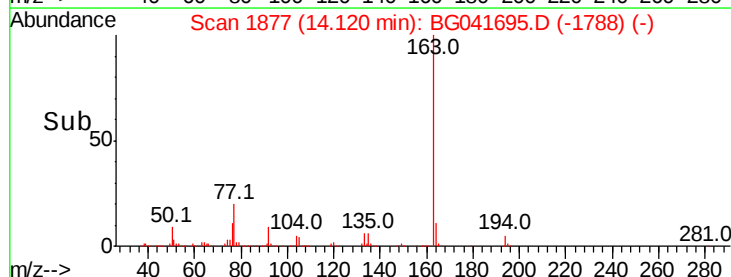
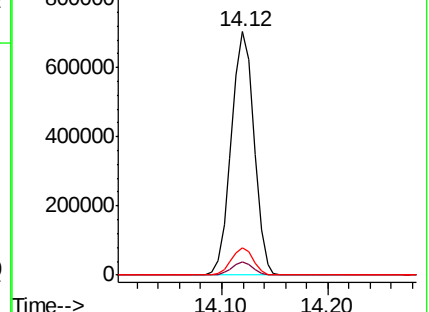
164 11.3 9.4 14.2

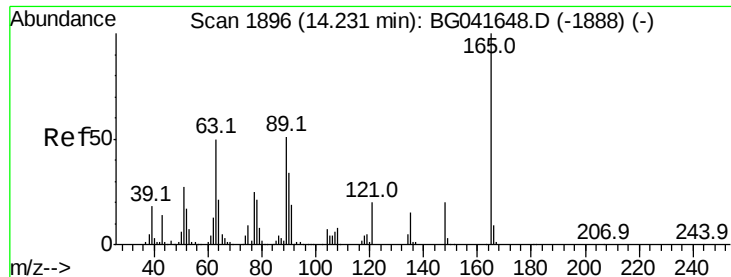


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

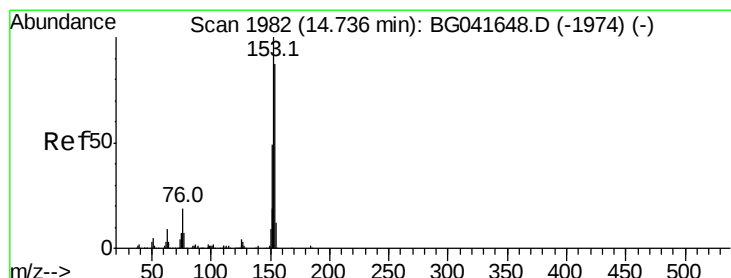
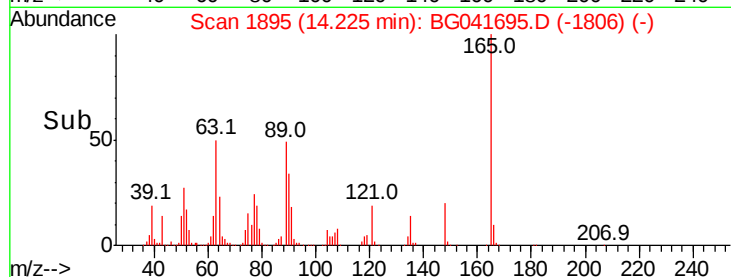
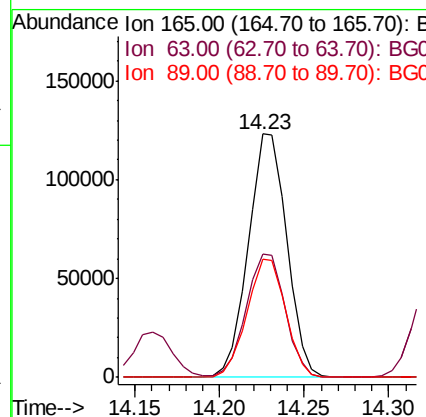
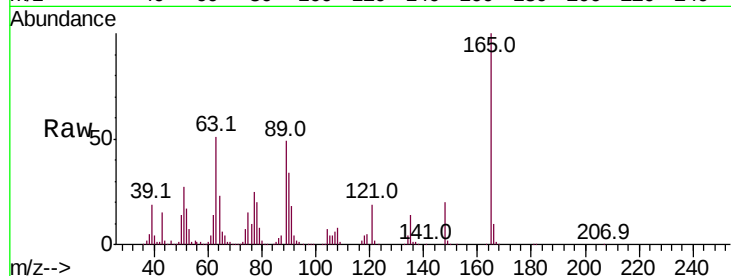




#51
 2,6-Dinitrotoluene
 Concen: 46.305 ng
 RT: 14.23 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

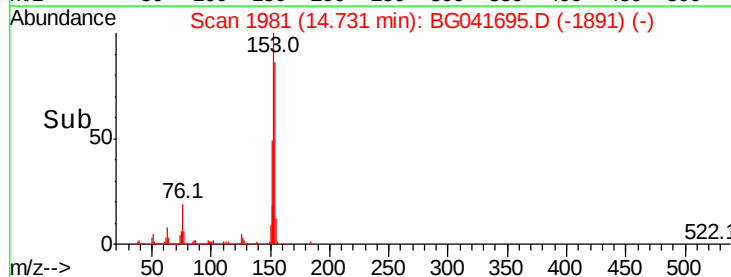
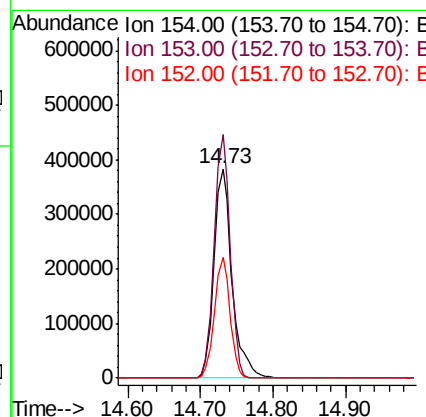
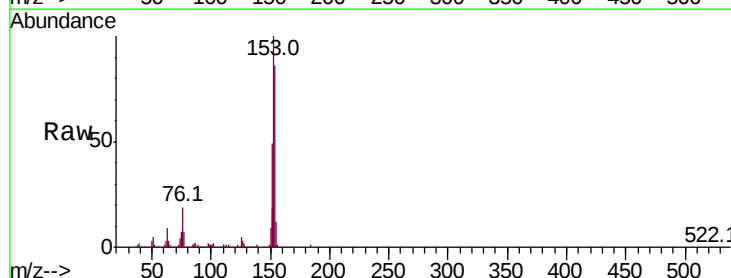
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

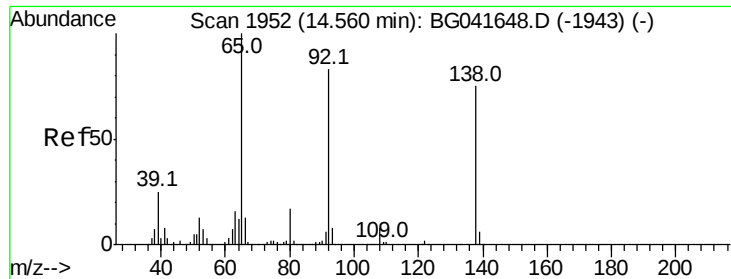
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	42.4	63.6
89	48.6	42.1	63.1



#52
 Acenaphthene
 Concen: 42.735 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.2	89.8	134.6
152	57.3	44.9	67.3

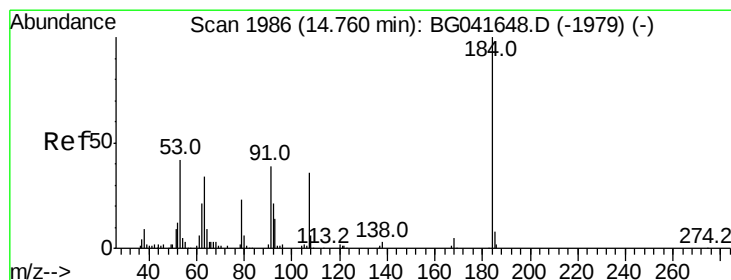
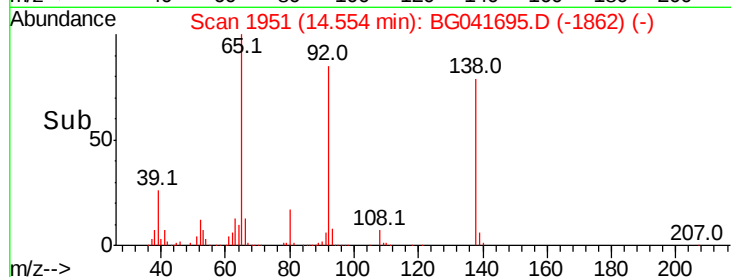
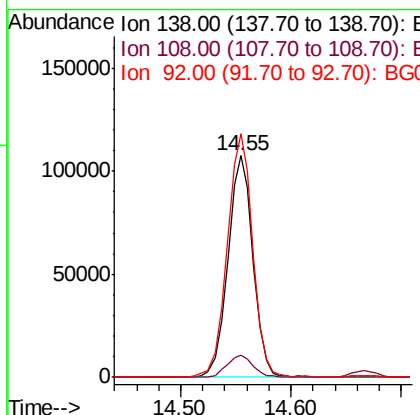
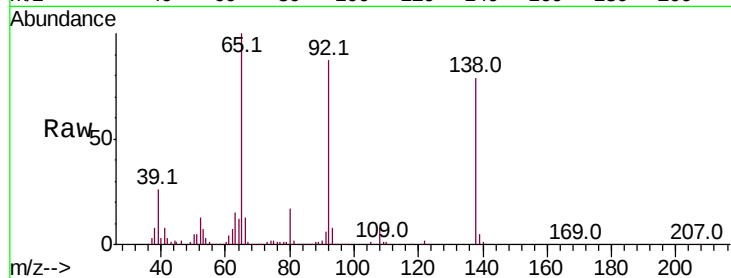




#53
3-Nitroaniline
Concen: 36.856 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

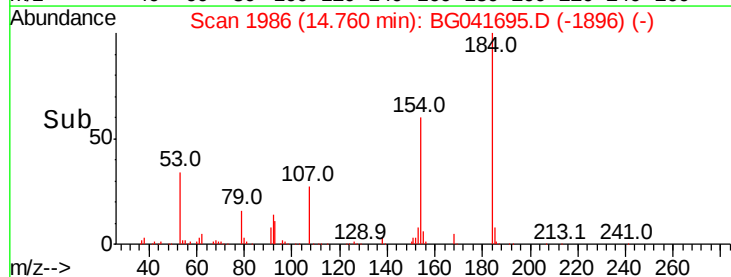
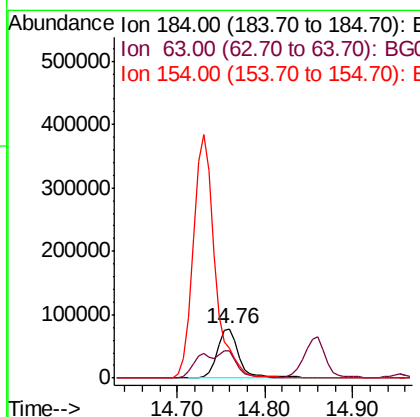
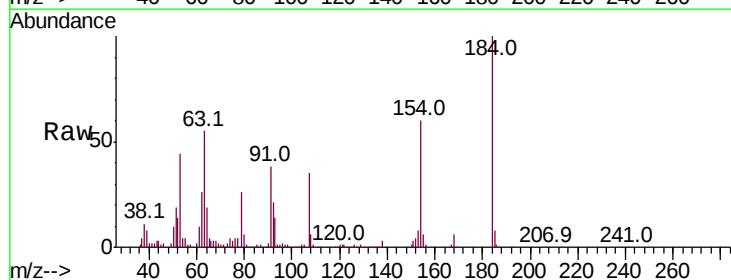
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

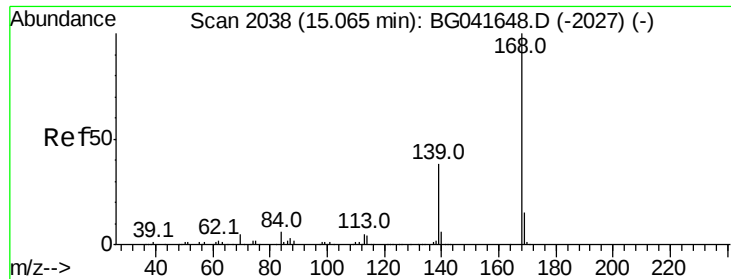
Tot Ion:138 Resp: 169877
Ion Ratio Lower Upper
138 100
108 10.0 10.3 15.5#
92 109.9 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 65.748 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion:184 Resp: 137049
Ion Ratio Lower Upper
184 100
63 54.7 43.2 64.8
154 59.6 51.4 77.2

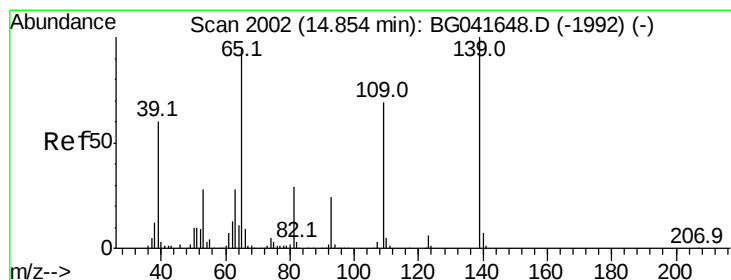
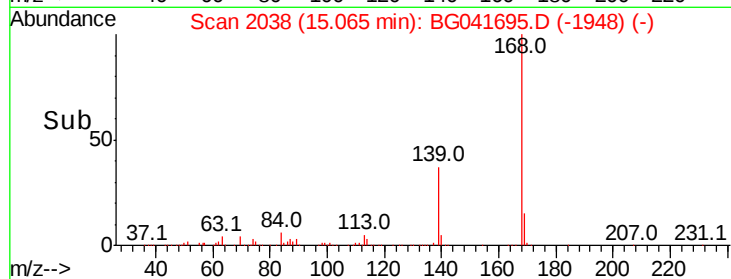
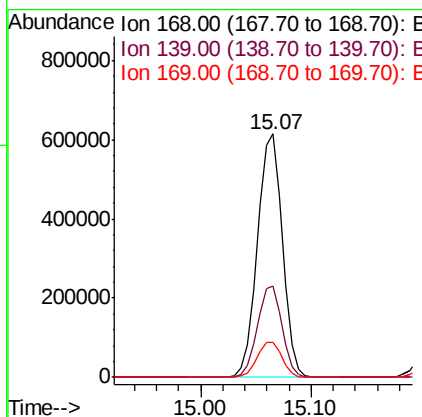
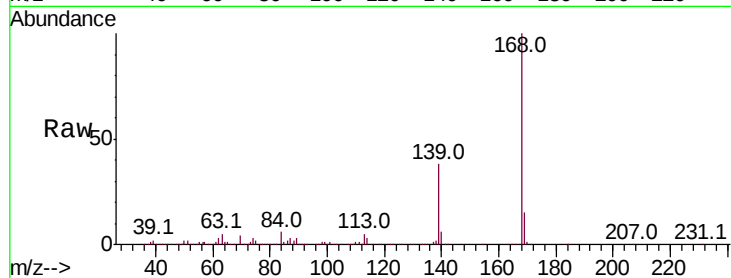




#55
Dibenzenofuran
Concen: 41.807 ng
RT: 15.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

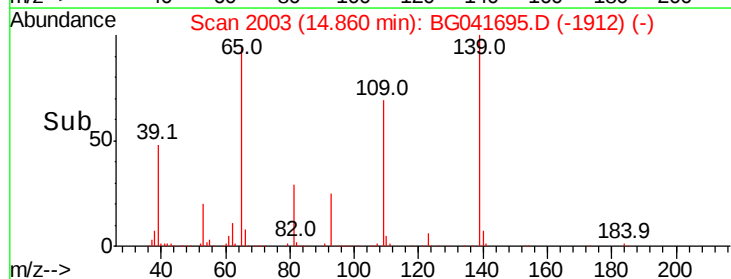
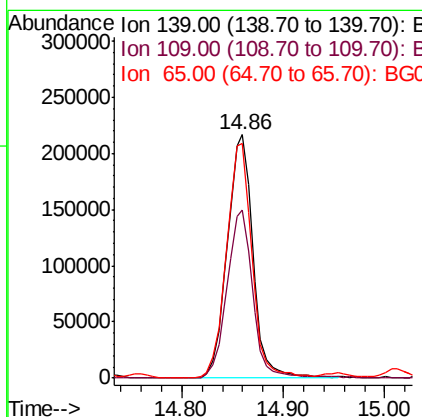
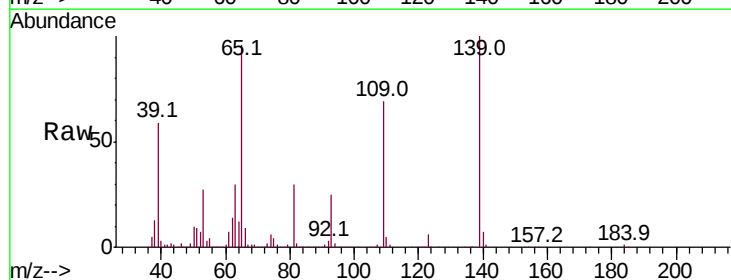
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

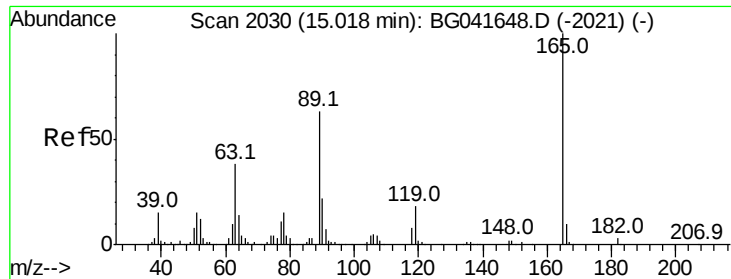
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.9	47.9
169	14.6	12.5	18.7



#56
4-Nitrophenol
Concen: 101.592 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.3	51.3	91.3
65	96.1	77.6	117.6

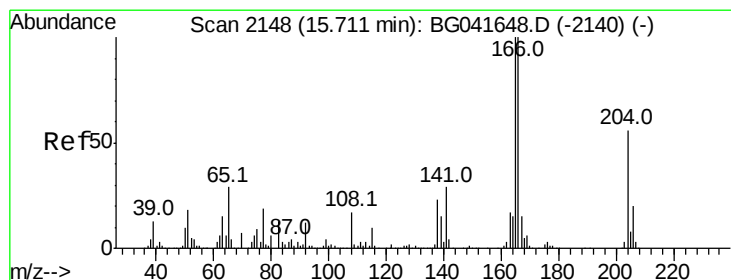
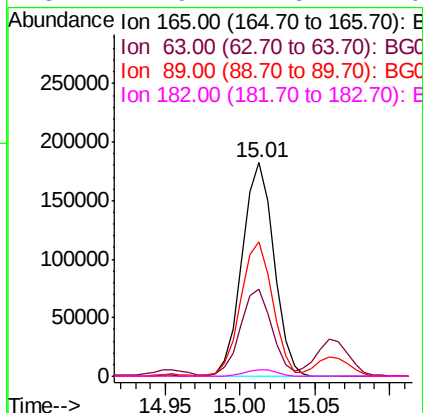
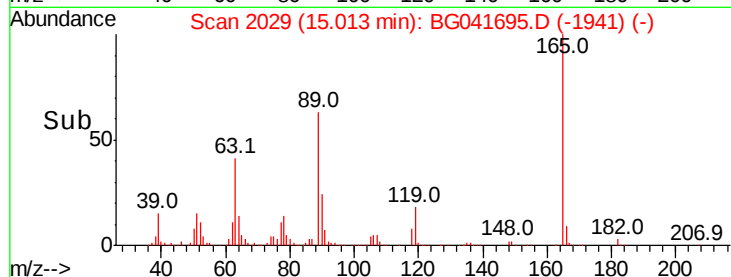
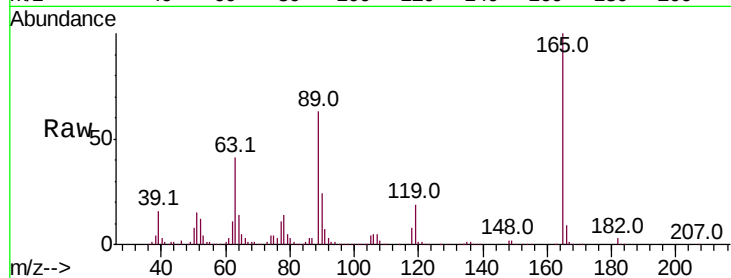




#57
 2,4-Dinitrotoluene
 Concen: 48.330 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

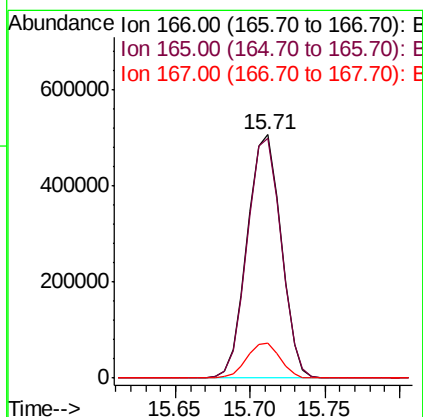
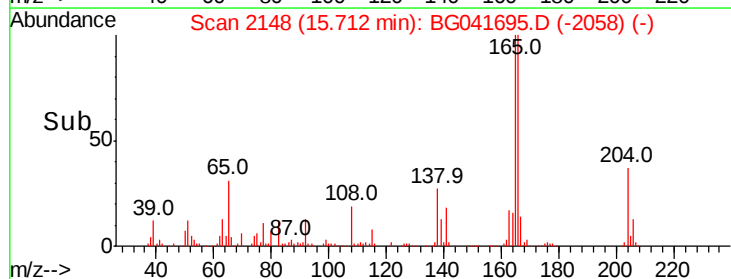
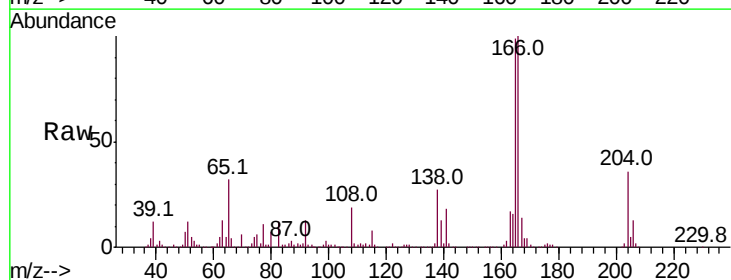
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

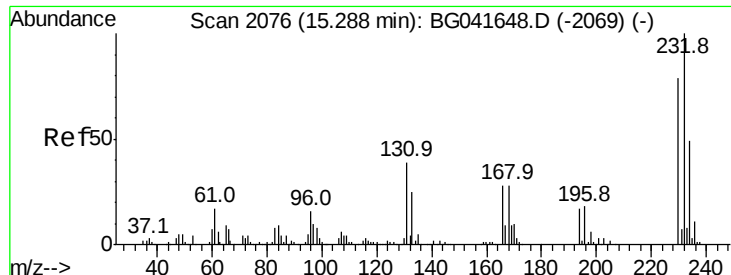
Tot Ion:	165	Resp:	269749
Ion	Ratio	Lower	Upper
165	100		
63	40.7	31.7	47.5
89	62.9	50.2	75.4
182	2.9	2.6	4.0



#58
 Fluorene
 Concen: 41.752 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion:	166	Resp:	793694
Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.5	120.7
167	14.2	12.4	18.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.090 ng

RT: 15.28 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampled :

SB-4(0-2)MSD

Tot Ion:232 Resp: 280332

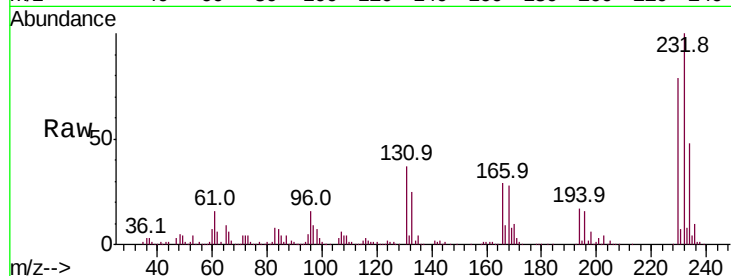
Ion Ratio Lower Upper

232 100

131 37.9 31.8 47.6

130 1.0 1.8 2.8#

166 28.1 23.5 35.3



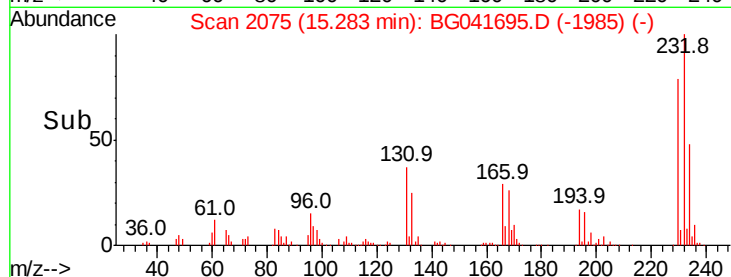
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

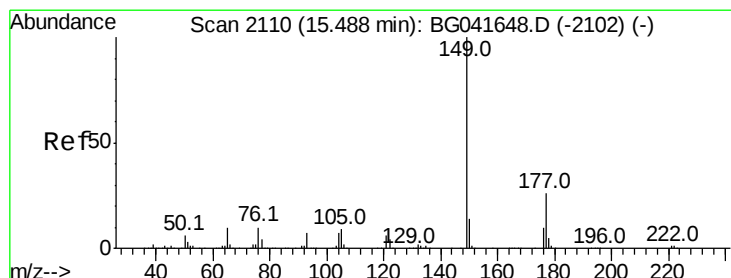
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Time-->



#60

Diethylphthalate

Concen: 42.104 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

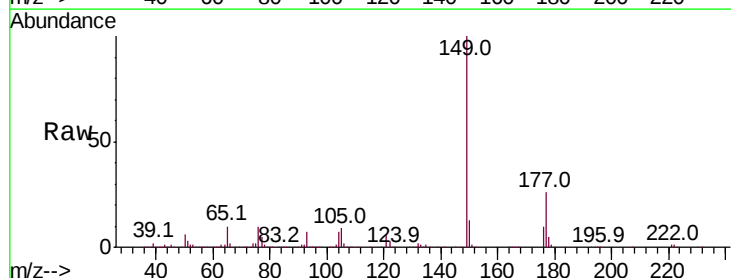
Tgt Ion:149 Resp: 844357

Ion Ratio Lower Upper

149 100

177 25.6 20.7 31.1

150 13.5 11.5 17.3

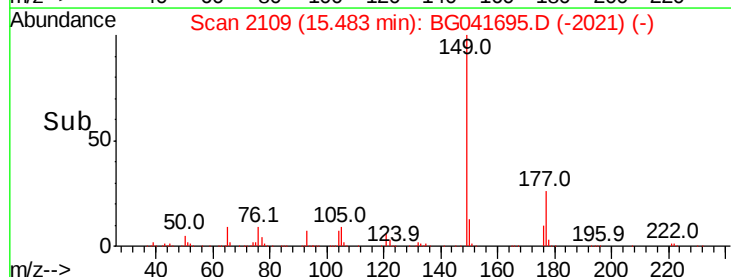


Abundance Ion 149.00 (148.70 to 149.70): E

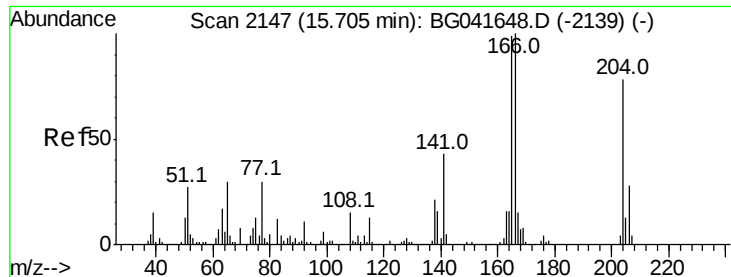
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



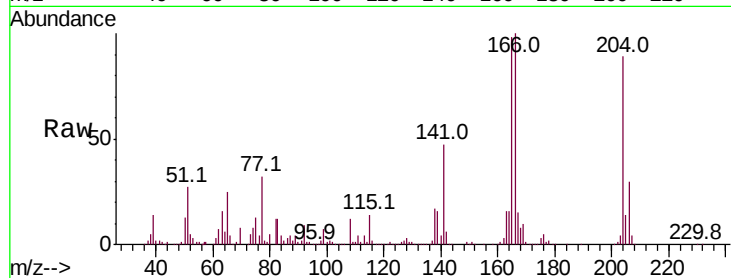
Time-->



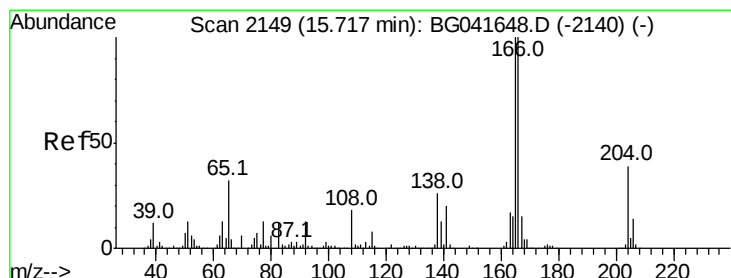
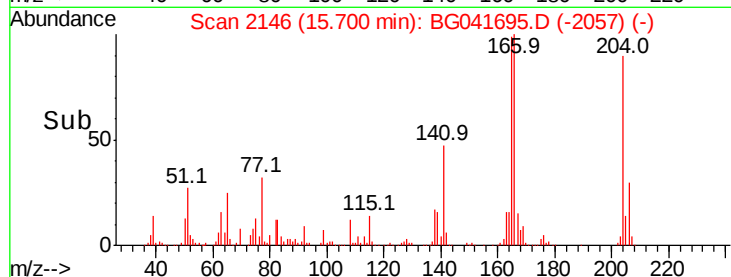
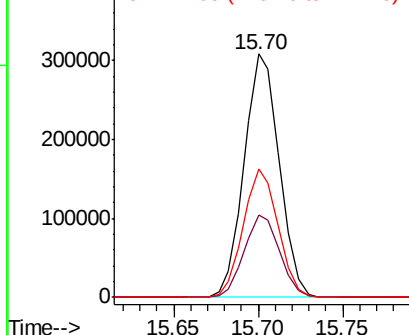
#61
4-Chlorophenyl-phenylether
Concen: 41.455 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion:204 Resp: 445453
Ion Ratio Lower Upper
204 100
206 33.8 28.6 42.8
141 52.6 42.9 64.3

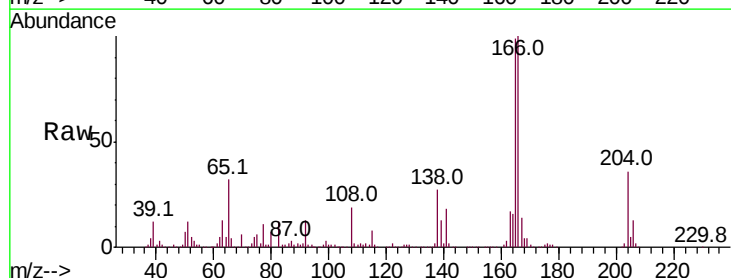


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

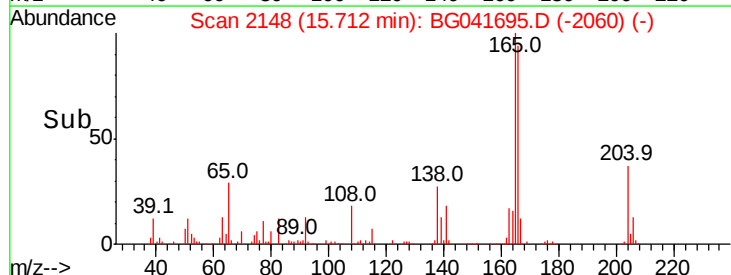
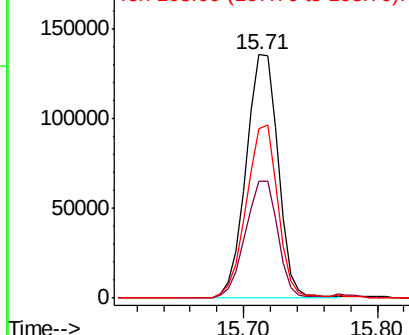


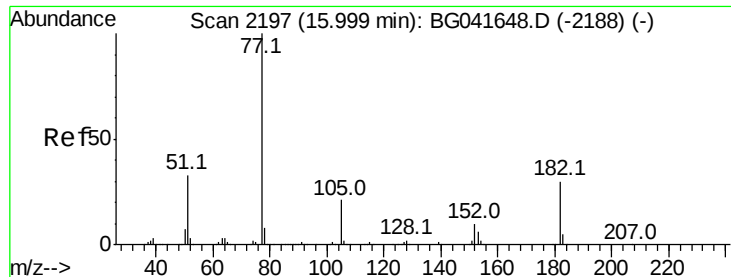
#62
4-Nitroaniline
Concen: 45.964 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion:138 Resp: 224692
Ion Ratio Lower Upper
138 100
92 48.2 29.8 69.8
108 69.5 52.2 92.2



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





#63

Azobenzene

Concen: 41.075 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

Tot Ion: 77 Resp: 744698

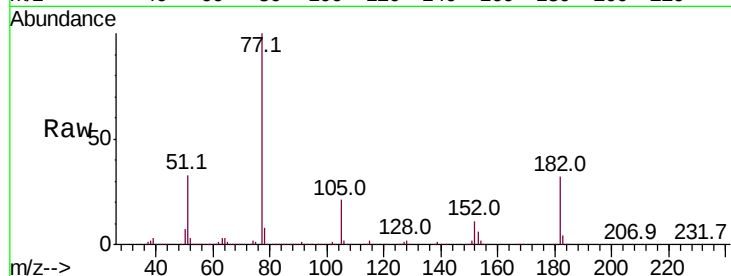
Ion Ratio Lower Upper

77 100

182 31.8 13.2 53.2

105 20.9 2.2 42.2

51 33.2 14.6 54.6

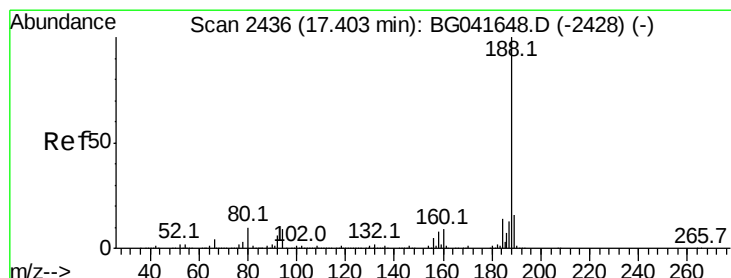
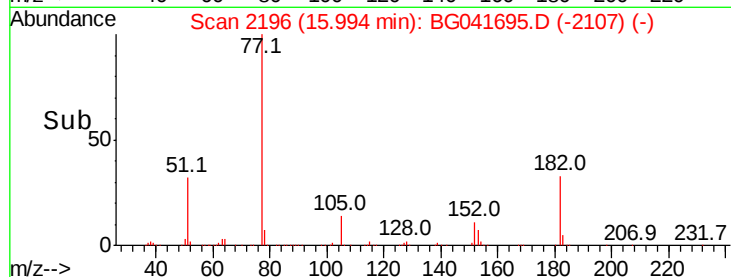
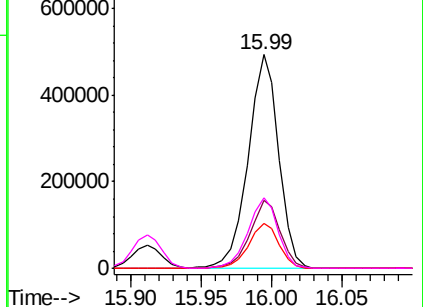


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

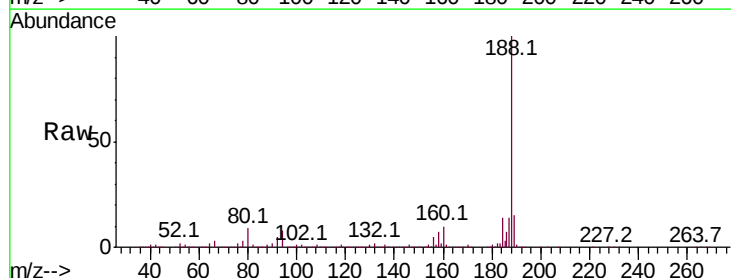
Tgt Ion: 188 Resp: 618862

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

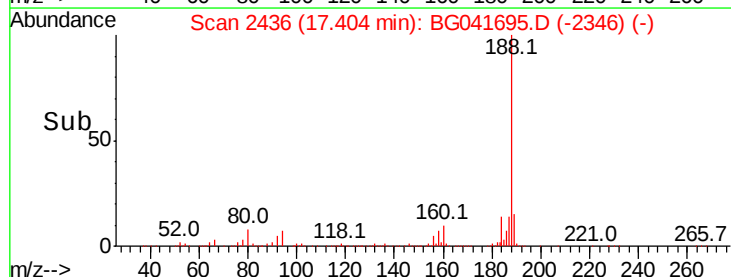
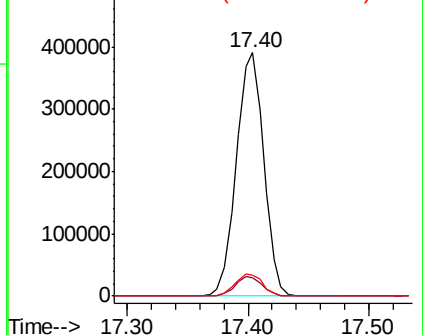
80 8.5 8.0 12.0

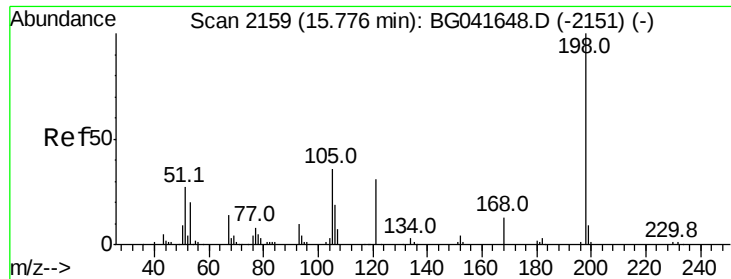


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

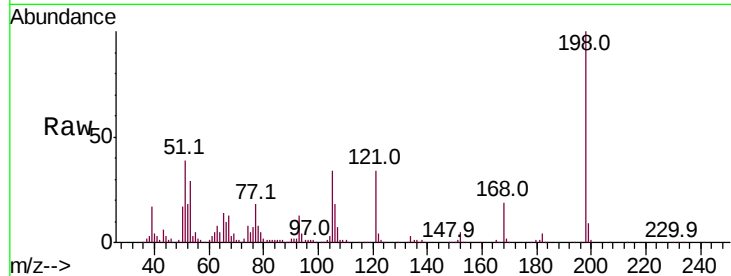




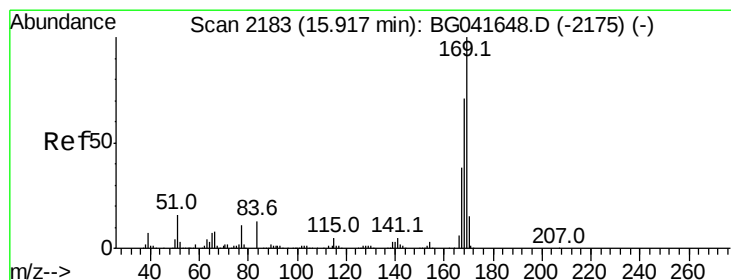
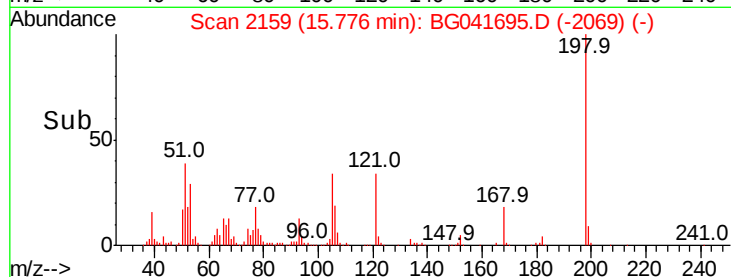
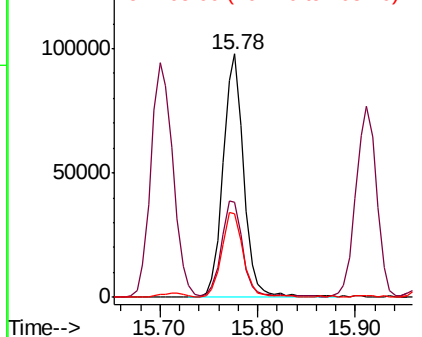
#65
4,6-Dinitro-2-methylphenol
Concen: 48.739 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.9	22.3	62.3
105	34.2	18.0	58.0

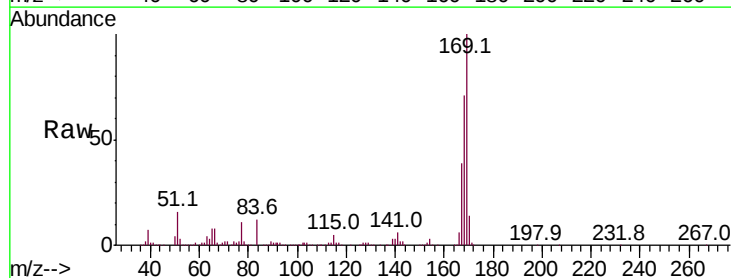


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

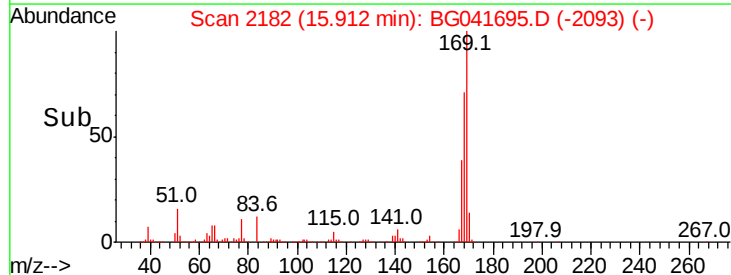
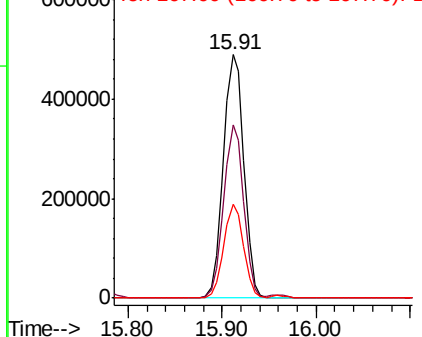


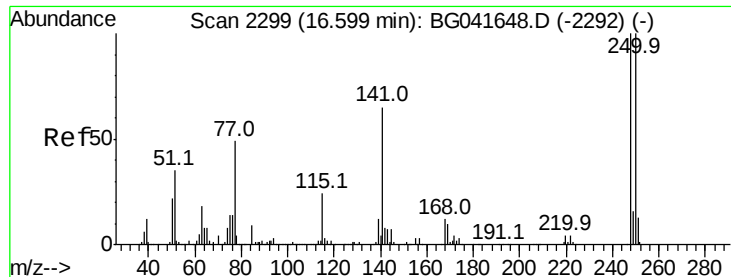
#66
n-Nitrosodiphenylamine
Concen: 40.993 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.4	56.9	85.3
167	38.8	31.5	47.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

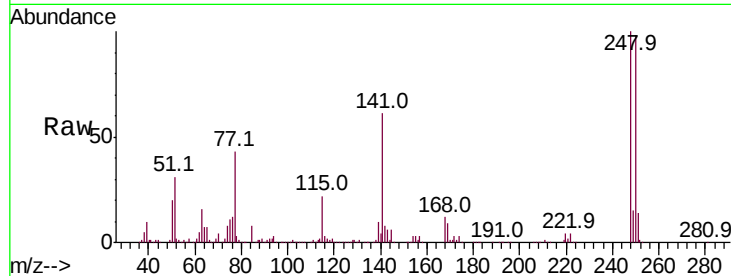




#67
4-Bromophenyl-phenylether
Concen: 41.268 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.1	117.1
141	61.2	49.6	74.4

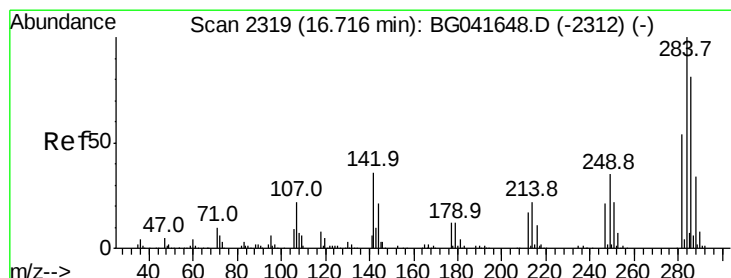
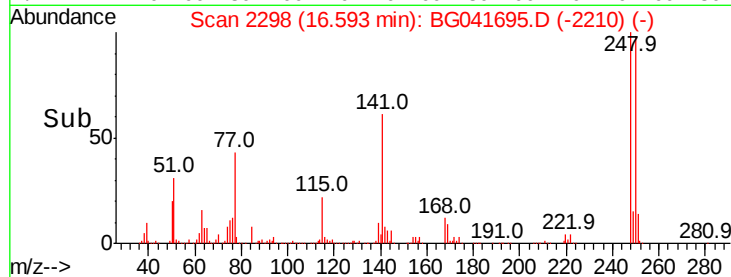
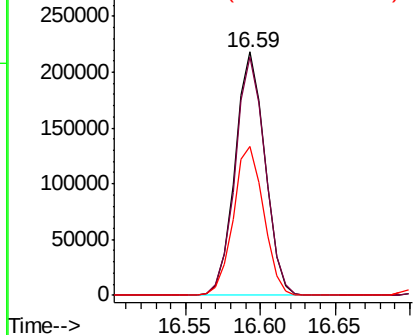


Abundance

Ion 248.00 (247.70 to 248.70): E

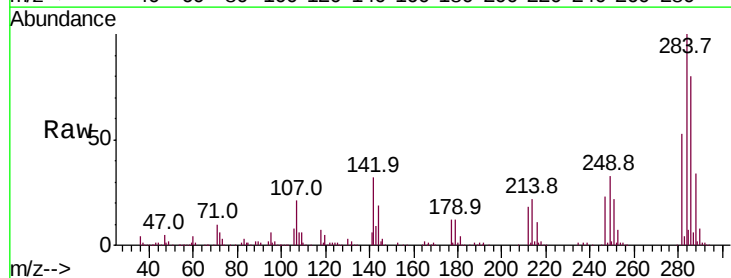
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.368 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	27.0	40.6
249	32.8	28.4	42.6

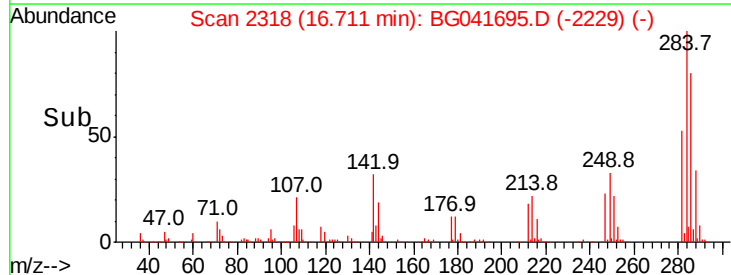
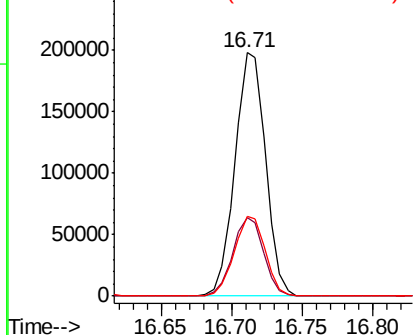


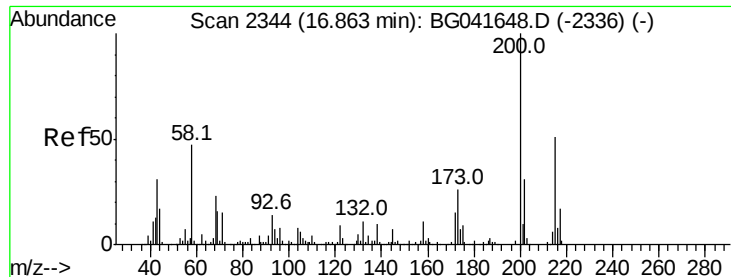
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

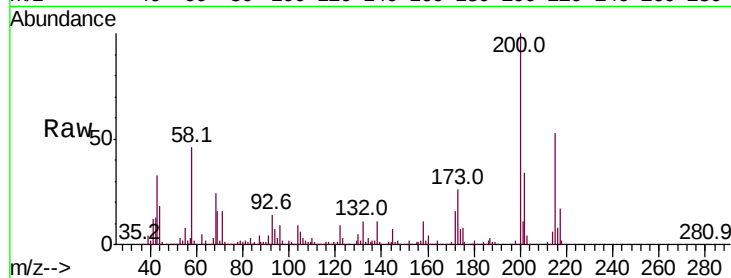




#69
Atrazine
Concen: 46.688 ng
RT: 16.86 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.3	45.3
215	53.1	31.8	71.8

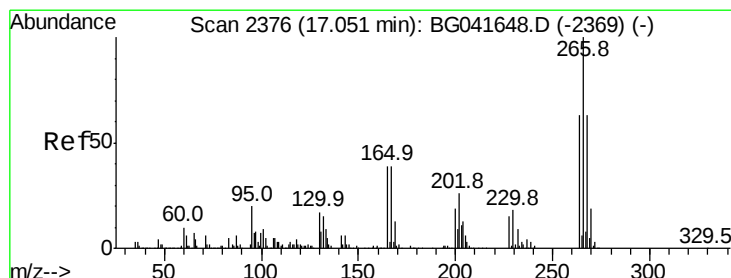
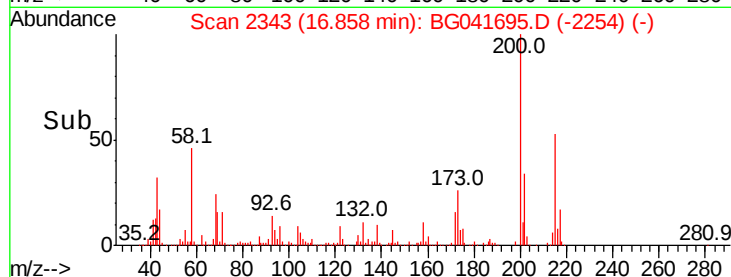
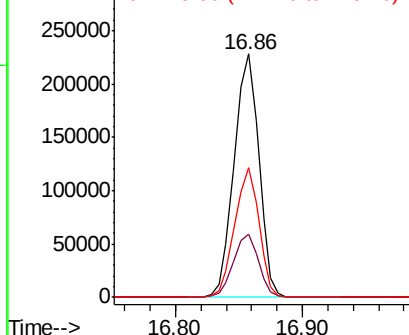


Abundance

Ion 200.00 (199.70 to 200.70): E

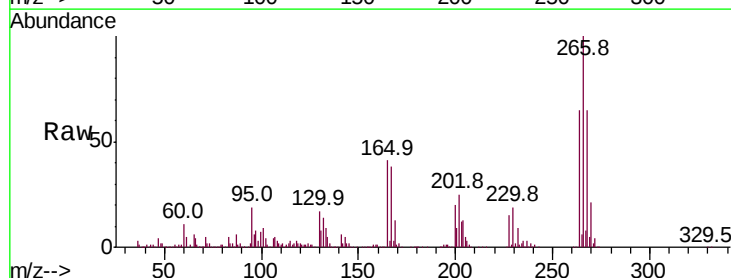
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 87.793 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.9	79.3
264	64.9	51.4	77.2

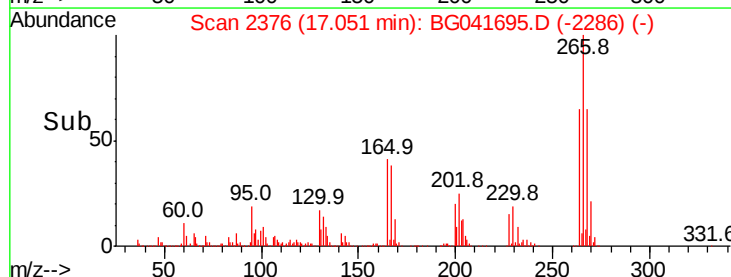
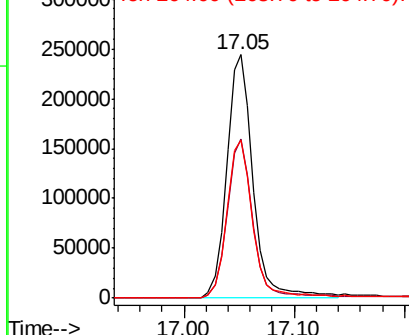


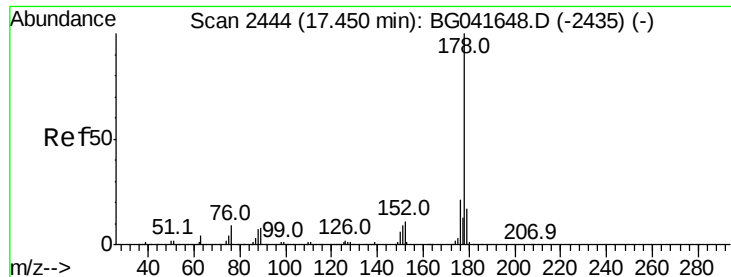
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

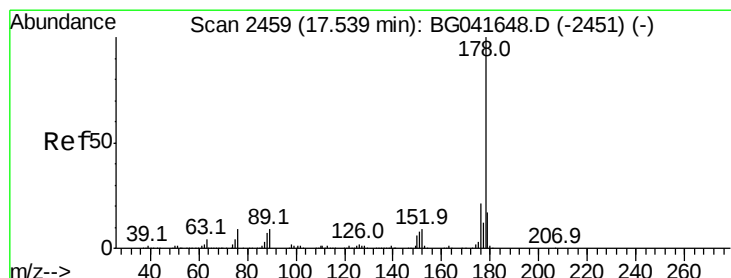
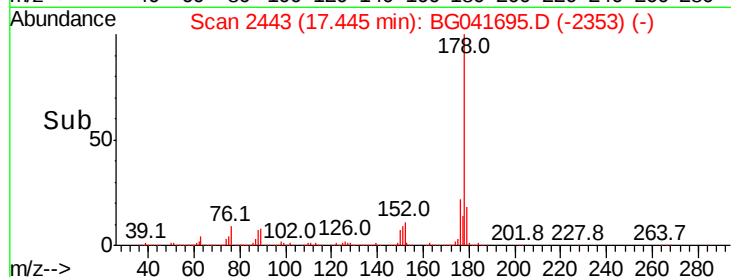
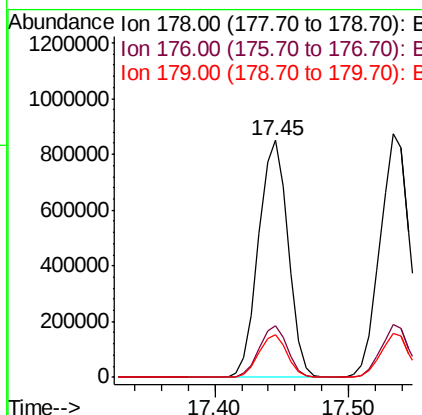
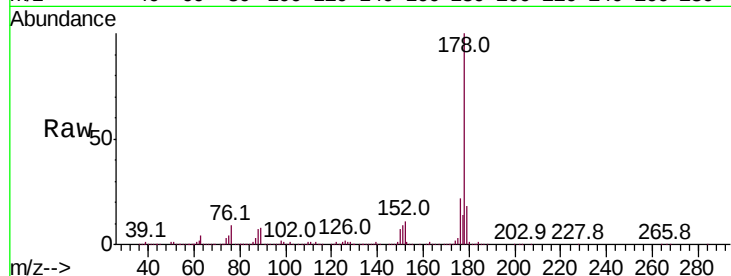




#71
Phenanthrene
Concen: 41.584 ng
RT: 17.45 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

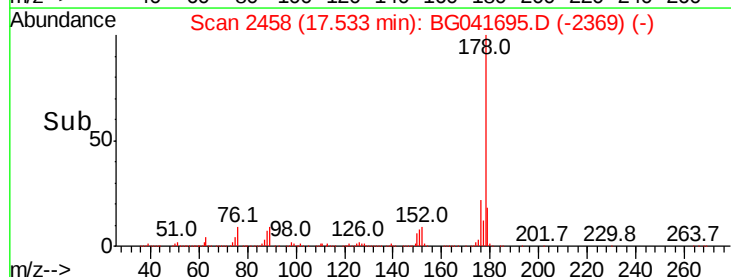
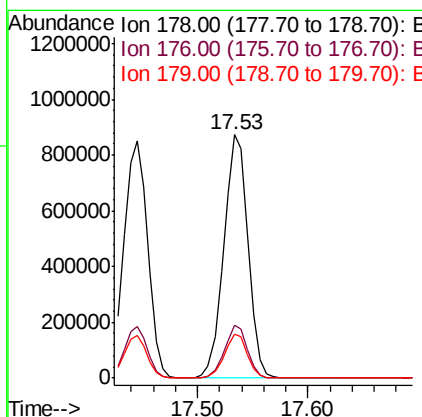
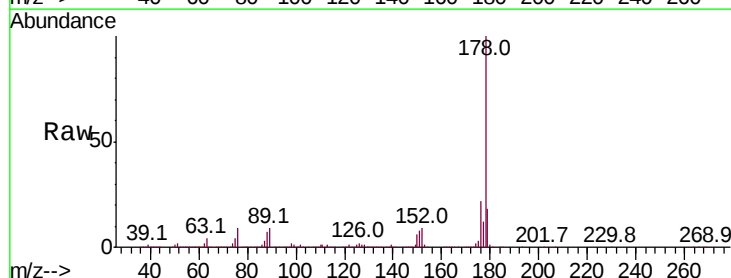
Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

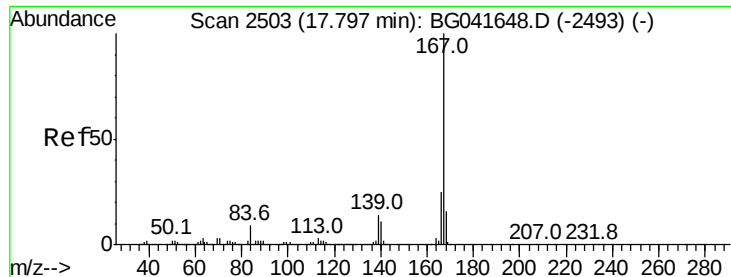
Tot Ion:178 Resp: 1296013
Ion Ratio Lower Upper
178 100
176 21.8 18.6 28.0
179 17.7 15.4 23.0



#72
Anthracene
Concen: 42.965 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion:178 Resp: 1334774
Ion Ratio Lower Upper
178 100
176 21.9 18.6 28.0
179 18.1 15.1 22.7





#73

Carbazole

Concen: 43.605 ng

RT: 17.80 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

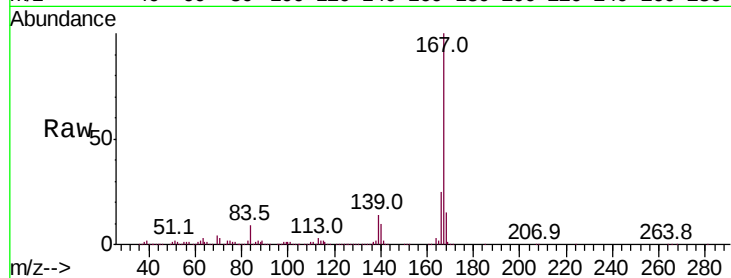
Tot Ion:167 Resp: 1256331

Ion Ratio Lower Upper

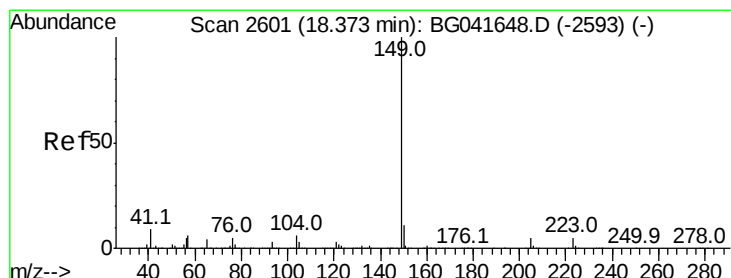
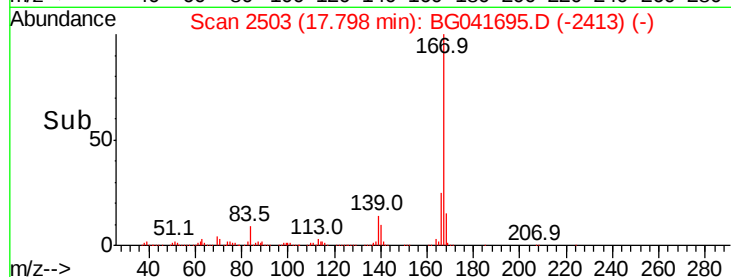
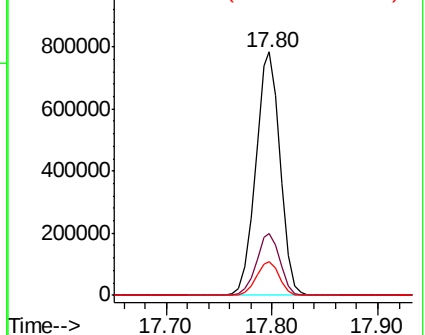
167 100

166 25.3 21.4 32.2

139 13.8 12.1 18.1



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



#74

Di-n-butylphthalate

Concen: 41.273 ng

RT: 18.37 min Scan# 2600

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

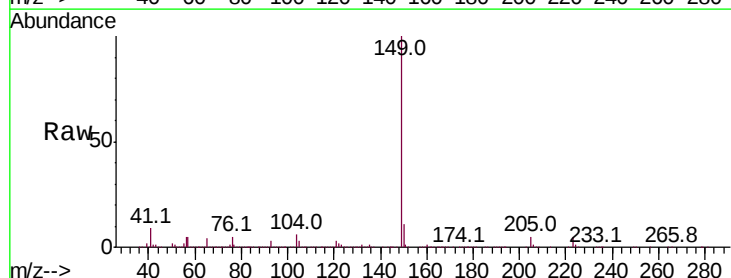
Tgt Ion:149 Resp: 1450367

Ion Ratio Lower Upper

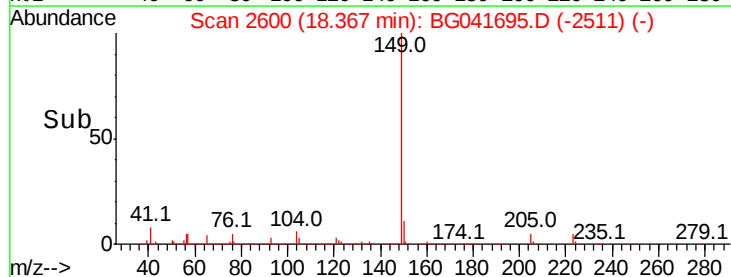
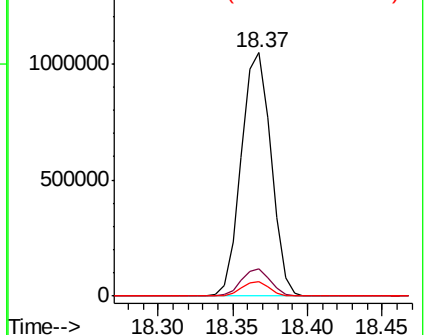
149 100

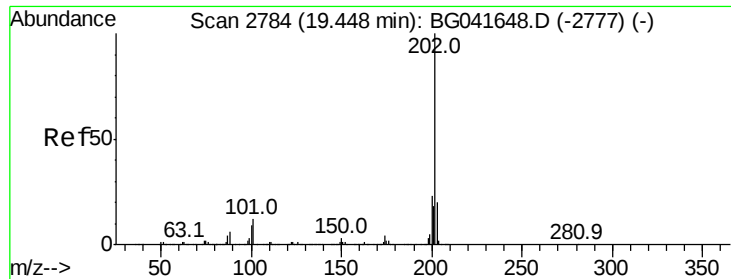
150 11.5 10.2 15.2

104 5.8 5.3 7.9



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





#75

Fluoranthene

Concen: 42.294 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

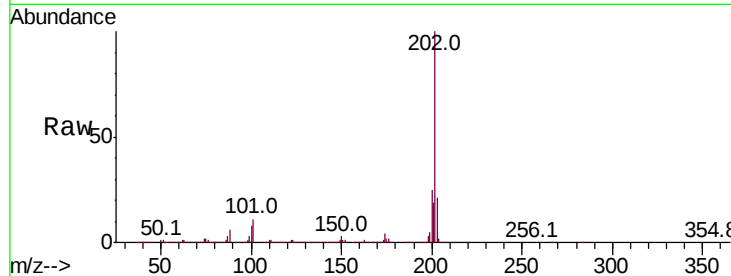
Tot Ion:202 Resp: 1618551

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.8

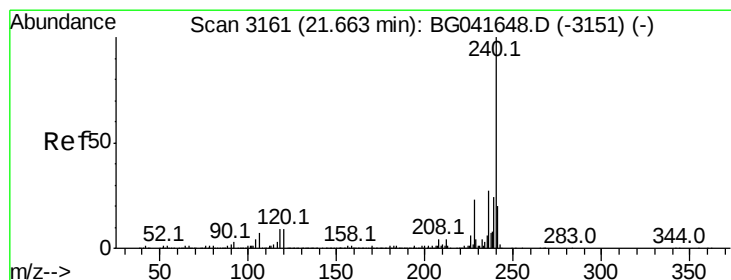
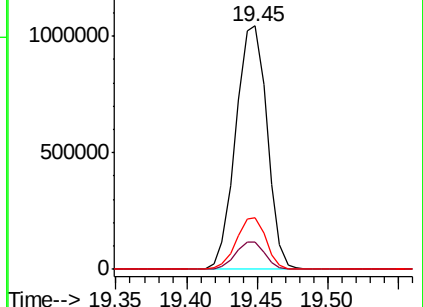
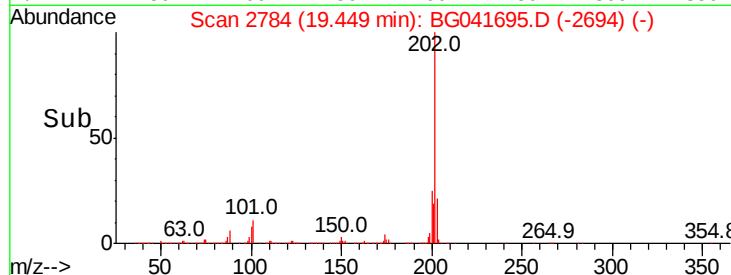
203 21.2 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

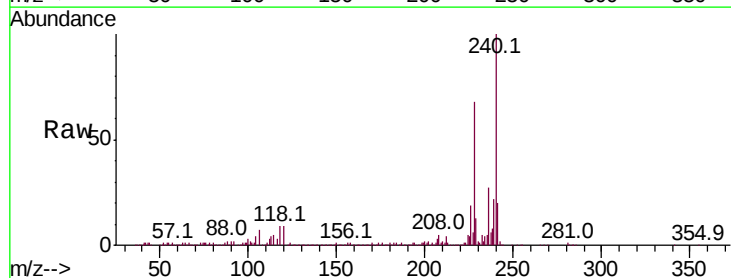
Tgt Ion:240 Resp: 613206

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

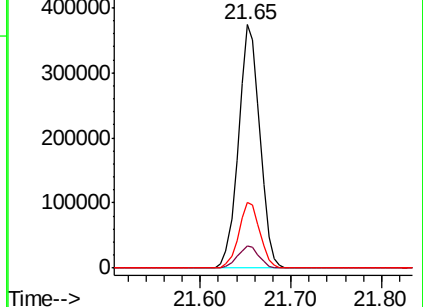
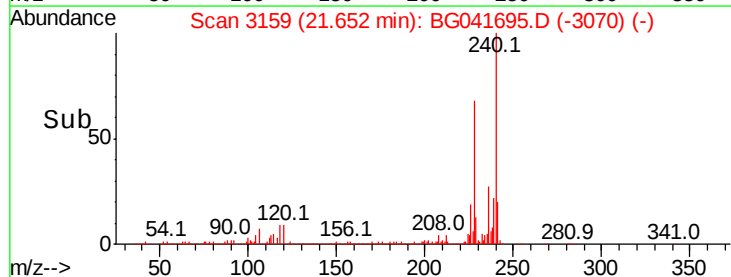
236 26.7 22.6 33.8

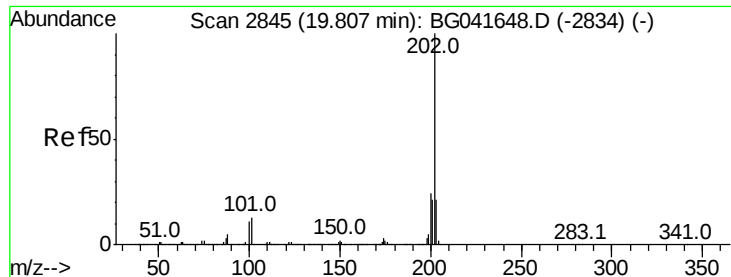


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

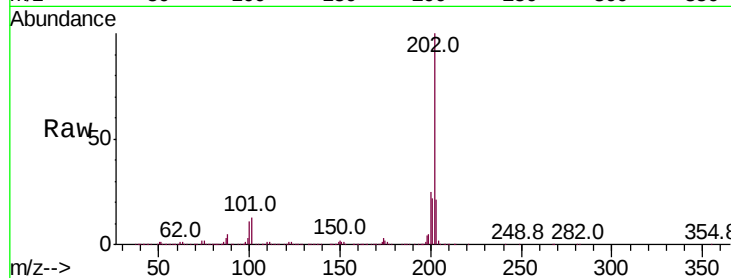




#78
Pvrene
Concen: 39.407 ng
RT: 19.81 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.9	22.2	33.2
203	21.1	18.9	28.3

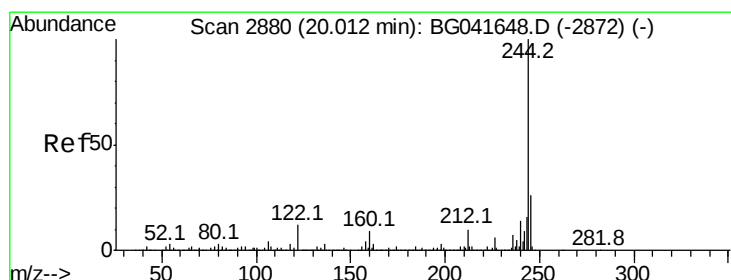
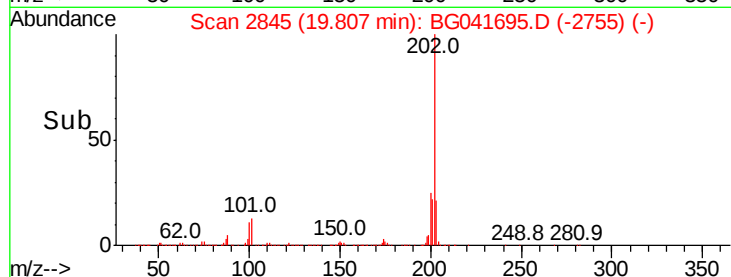
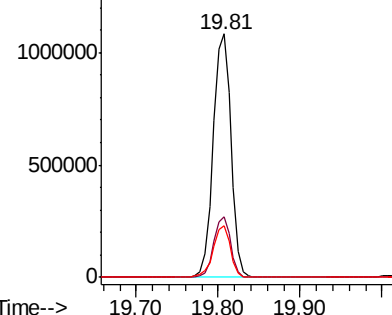


Abundance

Ion 202.00 (201.70 to 202.70): E

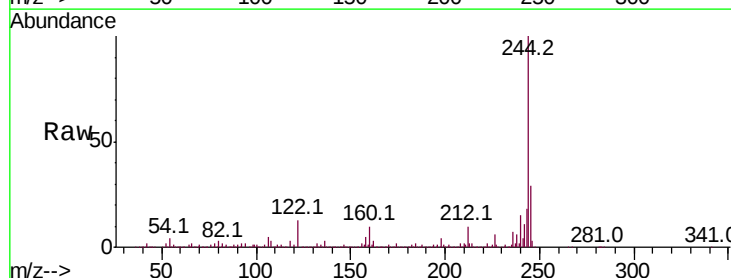
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 84.455 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

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

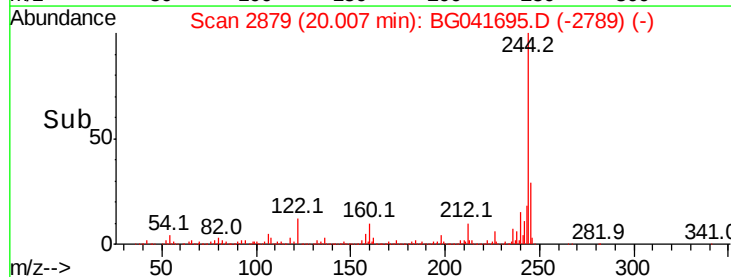
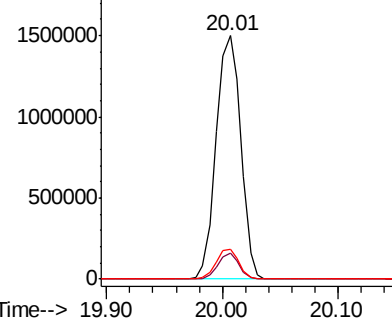


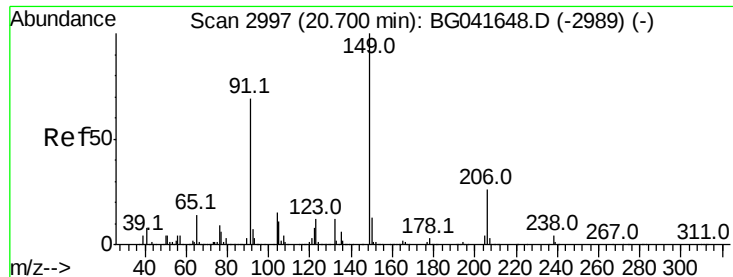
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

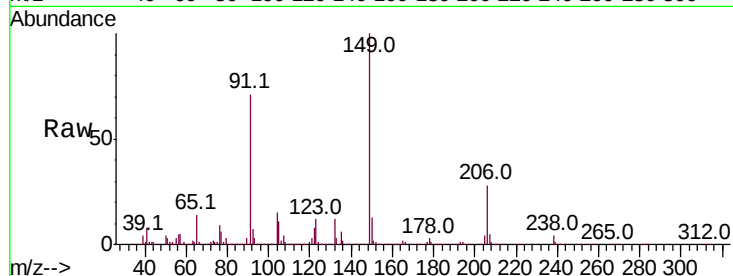




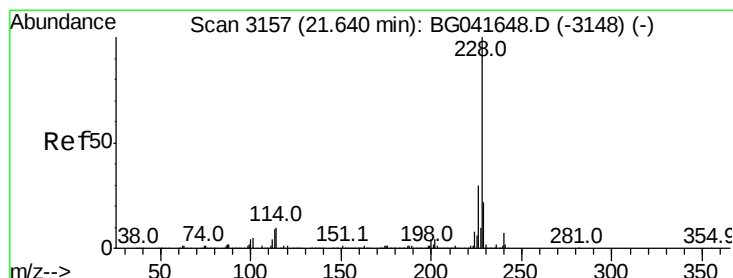
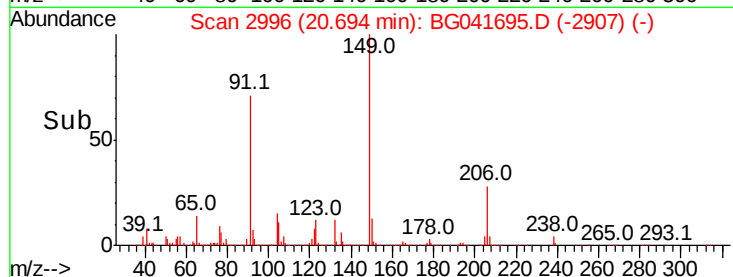
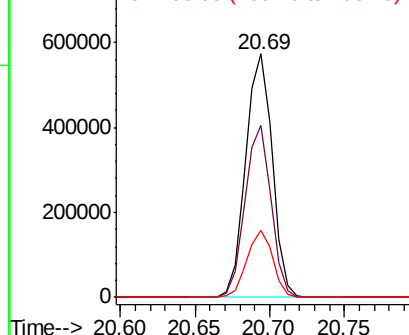
#80
Butylbenzylphthalate
Concen: 40.876 ng
RT: 20.69 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion:149 Resp: 704456
Ion Ratio Lower Upper
149 100
91 70.8 58.9 88.3
206 27.7 20.8 31.2

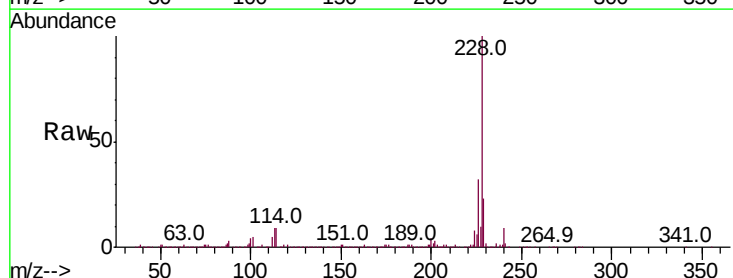


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

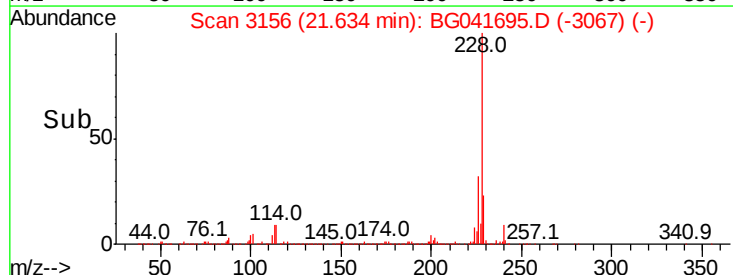
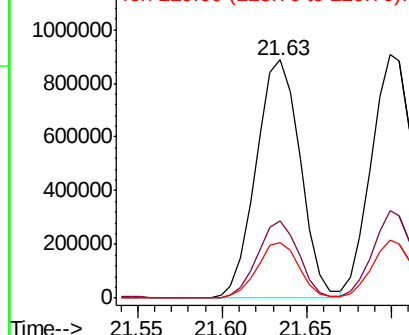


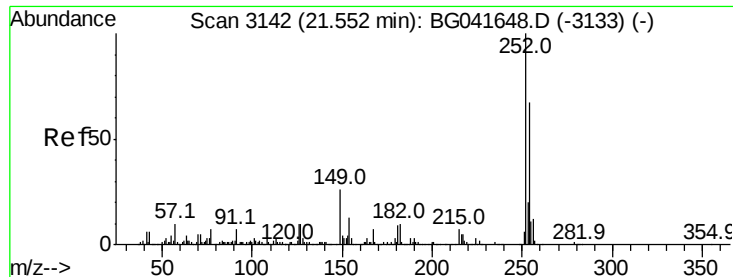
#81
Benzo(a)anthracene
Concen: 40.902 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion:228 Resp: 1620498
Ion Ratio Lower Upper
228 100
226 32.2 27.3 40.9
229 23.4 19.7 29.5



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

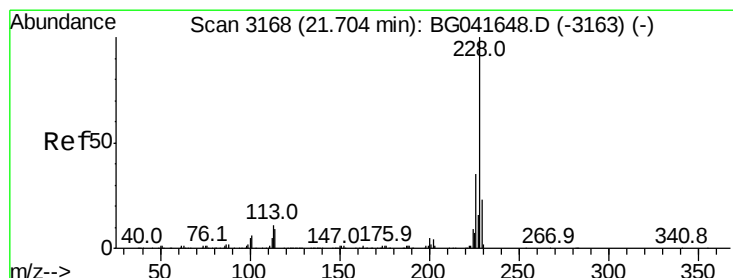
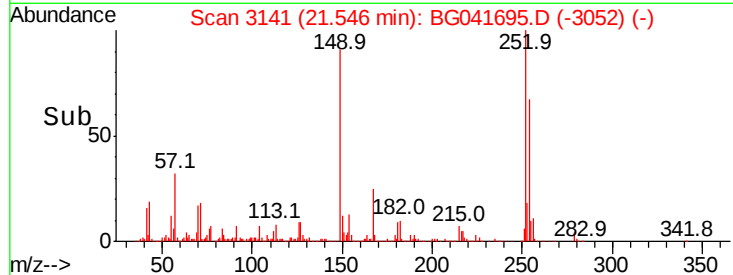
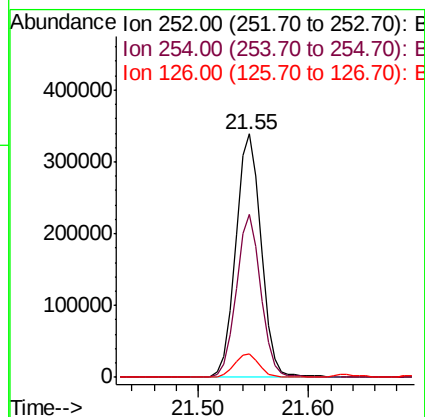
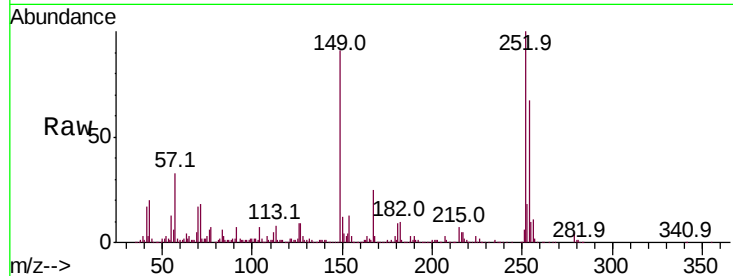




#82
 3,3'-Dichlorobenzidine
 Concen: 35.084 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

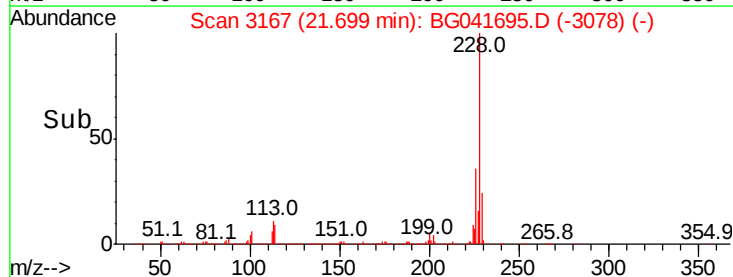
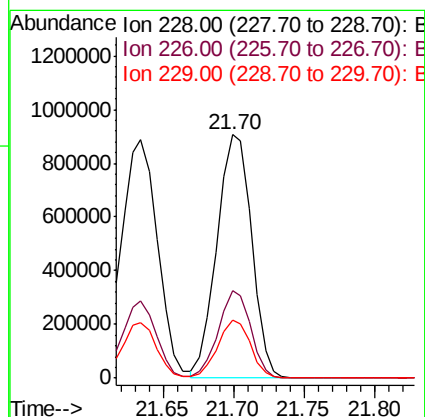
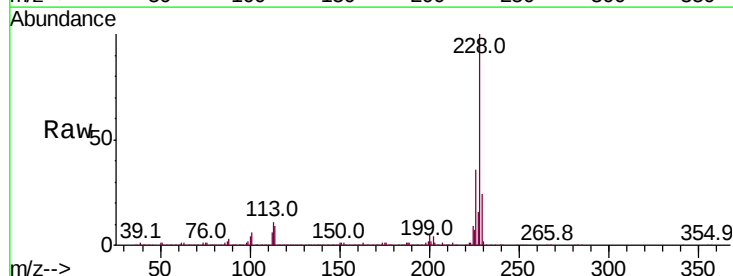
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

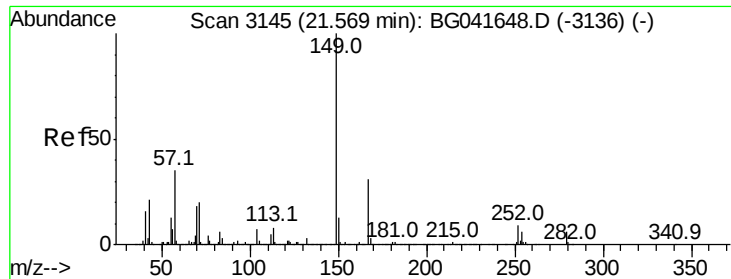
Tot Ion:252 Resp: 546986
 Ion Ratio Lower Upper
 252 100
 254 67.1 53.8 80.6
 126 9.4 7.8 11.8



#83
 Chrysene
 Concen: 40.903 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Tgt Ion:228 Resp: 1548497
 Ion Ratio Lower Upper
 228 100
 226 35.8 30.1 45.1
 229 23.8 19.8 29.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.474 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

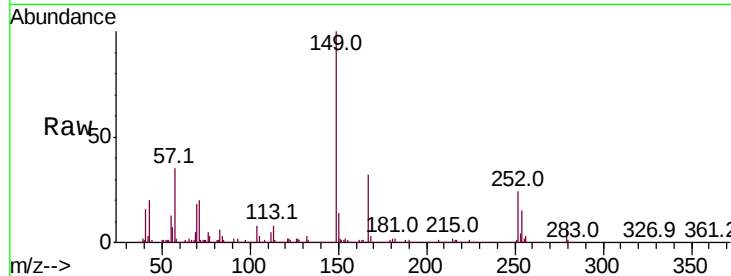
Tot Ion:149 Resp: 984847

Ion Ratio Lower Upper

149 100

167 32.2 27.0 40.4

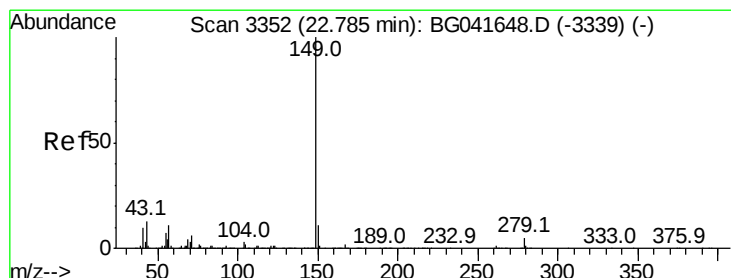
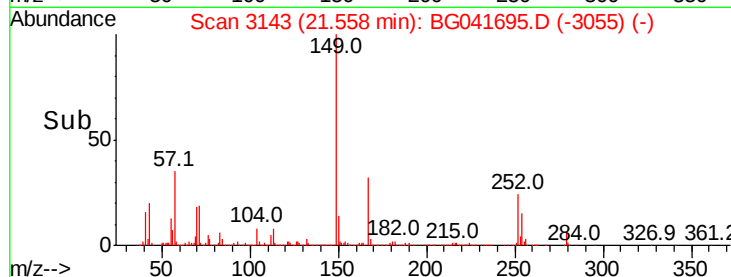
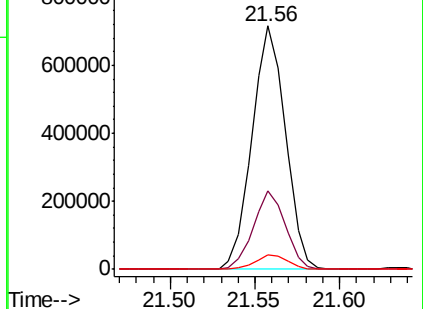
279 5.9 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 41.877 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.02 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

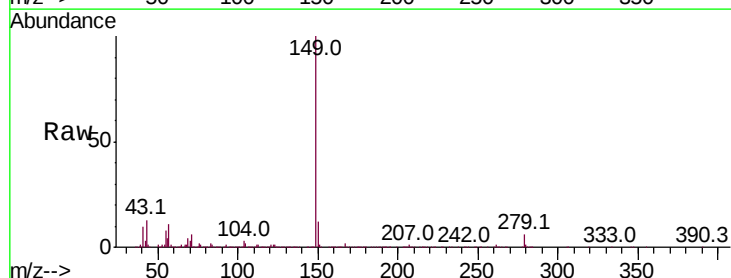
Tgt Ion:149 Resp: 1735318

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

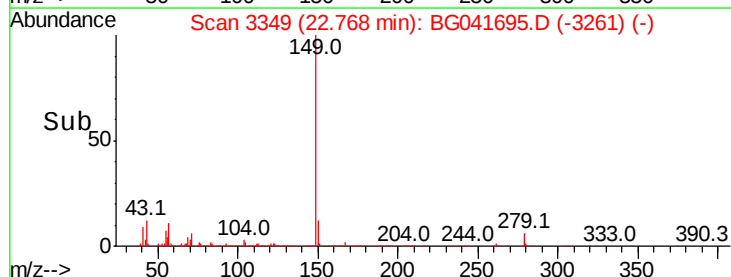
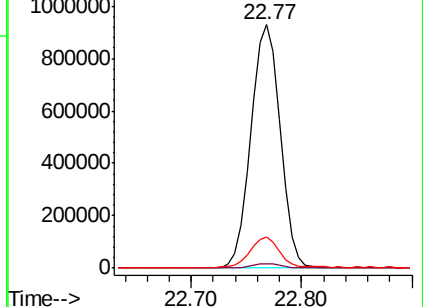
43 11.9 10.6 16.0

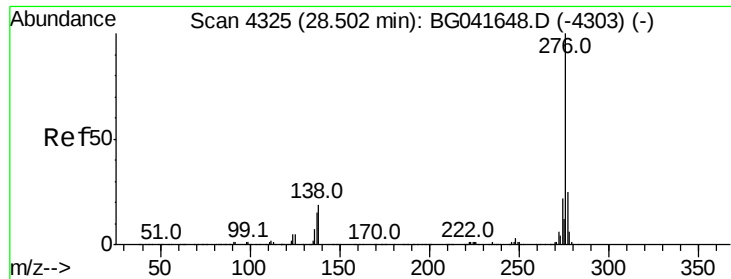


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 41.344 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.03 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

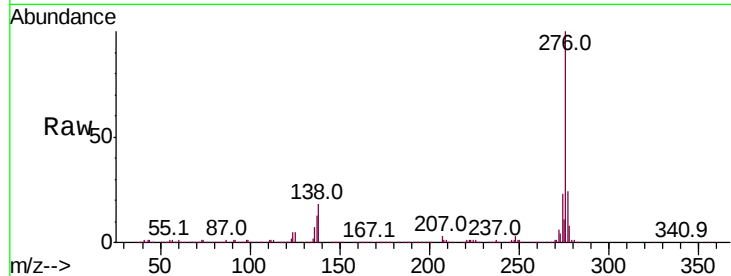
Tot Ion:276 Resp: 2065260

Ion Ratio Lower Upper

276 100

138 22.8 19.4 29.0

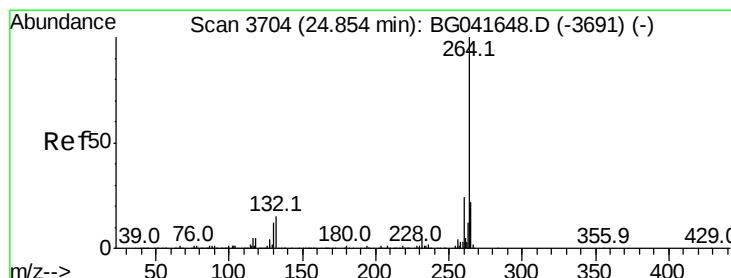
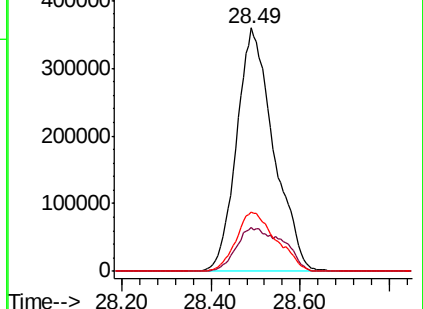
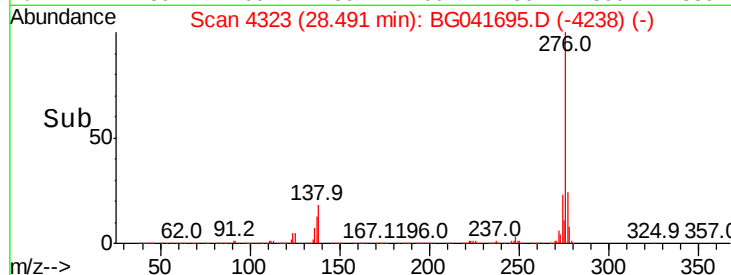
277 26.4 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

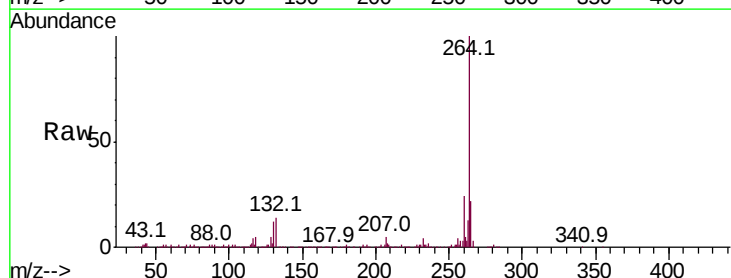
Tgt Ion:264 Resp: 727260

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

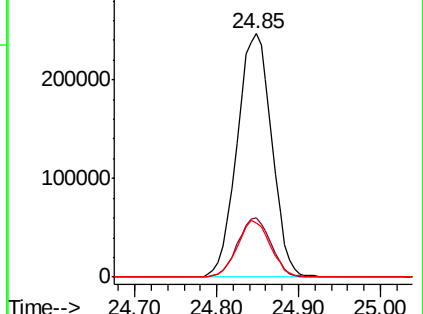
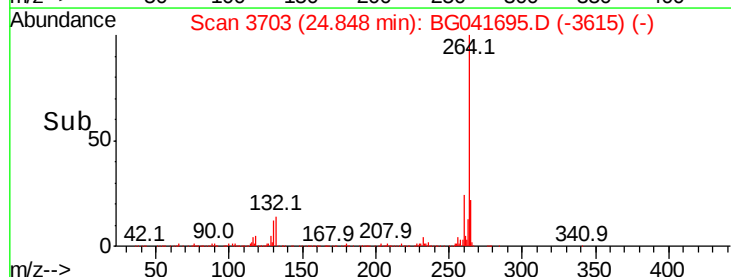
265 22.5 18.0 27.0

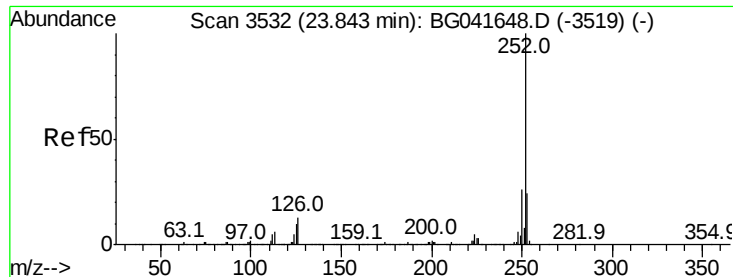


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 41.155 ng

RT: 23.84 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MSD

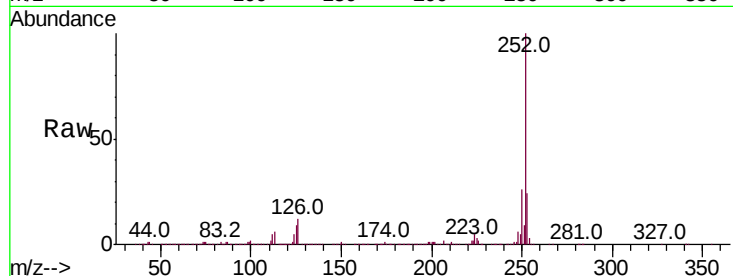
Tot Ion:252 Resp: 1815499

Ion Ratio Lower Upper

252 100

253 24.4 20.6 30.8

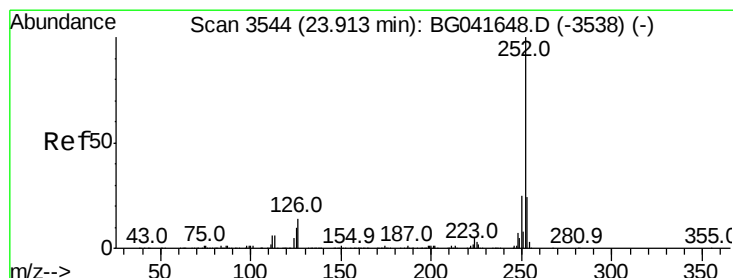
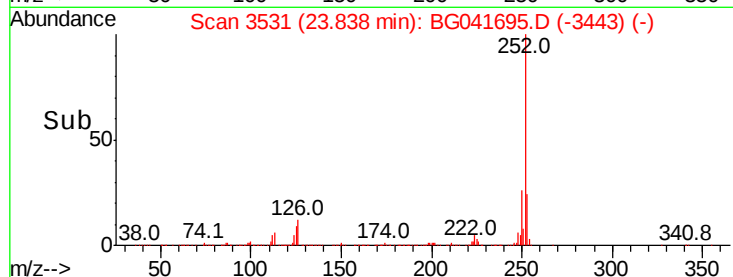
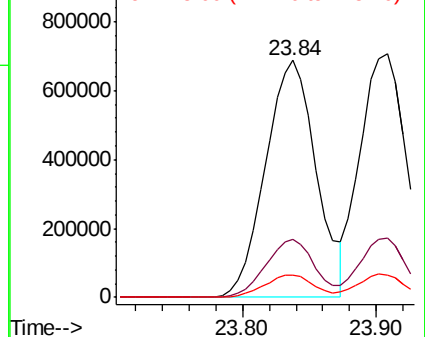
125 9.4 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 41.324 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG041695.D

Acq: 17 Jul 2019 19:43

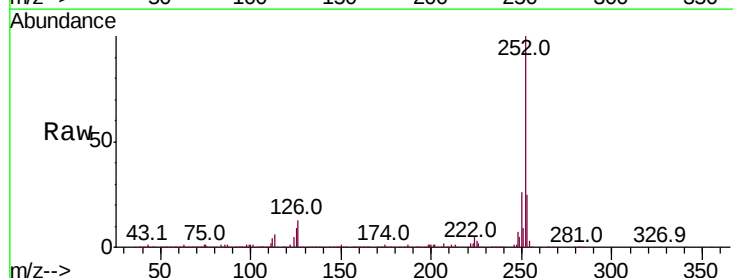
Tgt Ion:252 Resp: 1689152

Ion Ratio Lower Upper

252 100

253 24.6 20.5 30.7

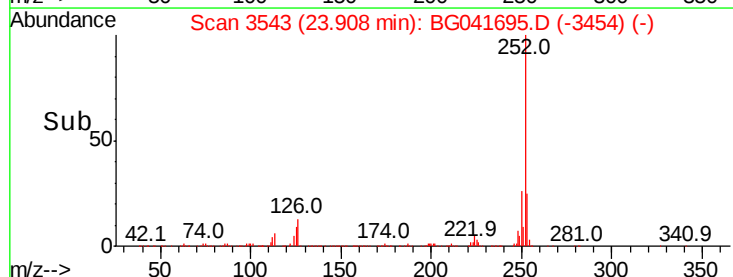
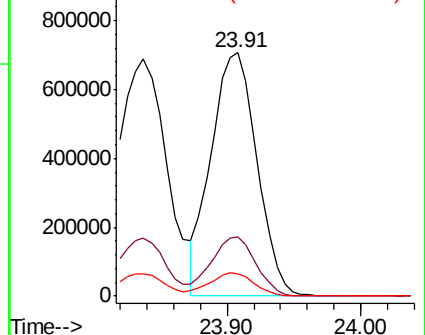
125 9.1 8.4 12.6

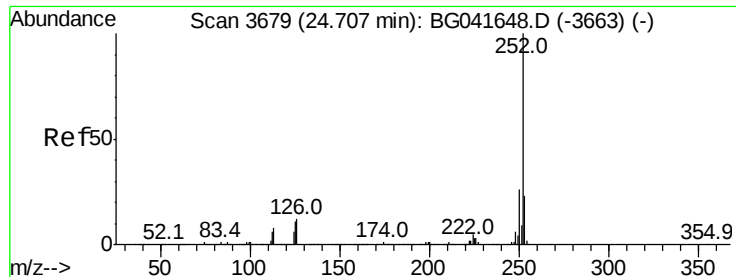


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



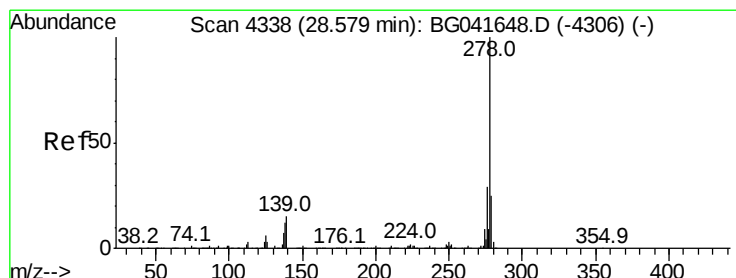
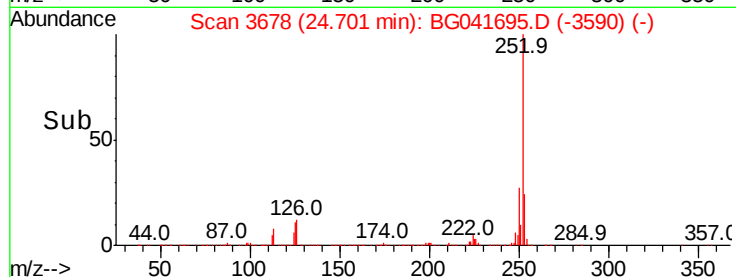
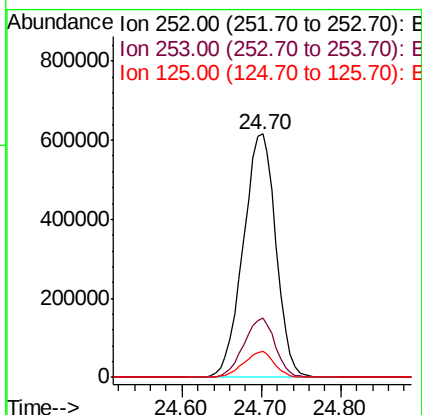
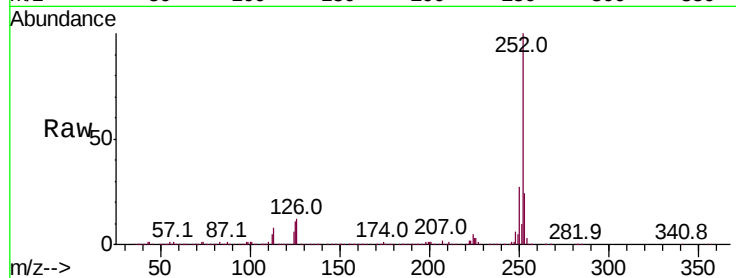


#90
Benzo(a)pyrene
Concen: 42.212 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MSD

Tot Ion:252 Resp: 1761823

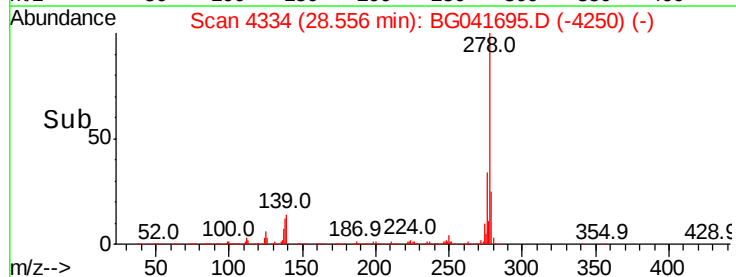
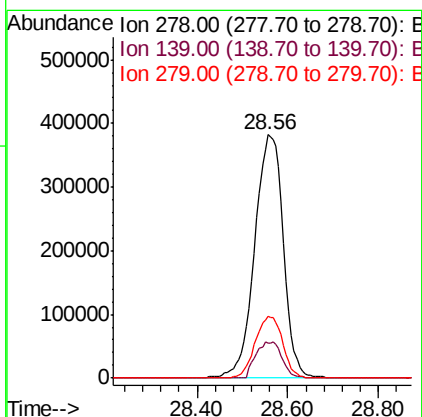
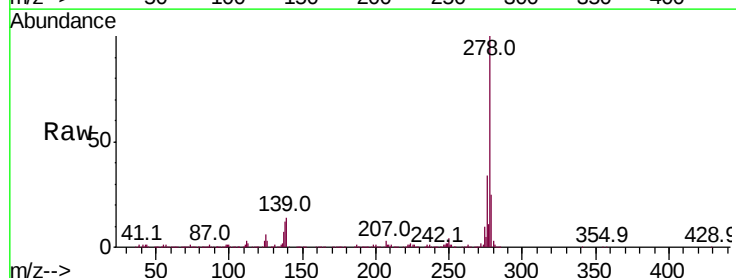
Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.8	29.8
125	10.9	8.8	13.2

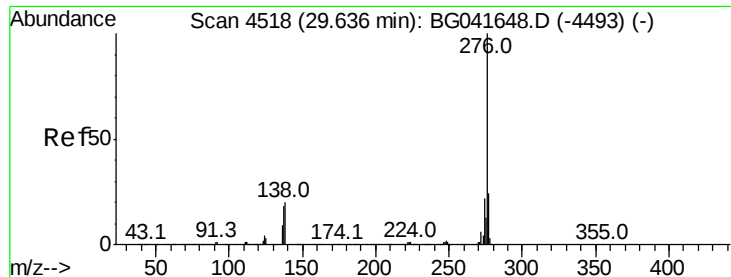


#91
Dibenzo(a,h)anthracene
Concen: 41.521 ng
RT: 28.56 min Scan# 4334
Delta R.T. -0.04 min
Lab File: BG041695.D
Acq: 17 Jul 2019 19:43

Tgt Ion:278 Resp: 1680280

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.6	19.0
279	25.2	20.5	30.7





#92
 Benzo(a,h,i)perylene
 Concen: 41.933 ng
 RT: 29.64 min Scan# 4518
 Delta R.T. -0.03 min
 Lab File: BG041695.D
 Acq: 17 Jul 2019 19:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MSD

Tot Ion:276 Resp: 1700579

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	19.2	16.6	25.0

