

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052919\
 Data File : BG040941.D
 Acq On : 29 May 2019 17:26
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Quant Time: May 29 18:04:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 16:09:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	58440	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	243059	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	183583	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	437043	20.00	ng	0.00
76) Chrysene-d12	21.79	240	419985	20.00	ng	0.00
87) Perylene-d12	25.13	264	460736	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	501222	151.19	ng	0.00
7) Phenol-d6	7.27	99	759292	148.75	ng	0.00
23) Nitrobenzene-d5	9.31	82	872221	165.81	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	432107	171.24	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1915780	150.71	ng	0.00
79) Terphenyl-d14	20.10	244	2790214	147.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	104669	69.422	ng	96
3) Pyridine	3.94	79	338674	77.497	ng	98
4) n-Nitrosodimethylamine	3.86	42	162924	67.213	ng	# 99
6) Aniline	7.46	93	514728	76.078	ng	98
8) 2-Chlorophenol	7.69	128	295232	72.932	ng	97
9) Benzaldehyde	7.27	77	200102	63.224	ng	91
10) Phenol	7.30	94	405561	73.911	ng	98
11) bis(2-Chloroethyl)ether	7.55	93	304167	73.922	ng	98
12) 1,3-Dichlorobenzene	8.01	146	359408	81.344	ng	97
13) 1,4-Dichlorobenzene	8.17	146	360451	80.475	ng	98
14) 1,2-Dichlorobenzene	8.48	146	343882	79.610	ng	97
15) Benzyl Alcohol	8.37	79	363585	68.455	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	490745	59.905	ng	97
17) 2-Methylphenol	8.57	107	299600	77.153	ng	95
18) Hexachloroethane	9.22	117	140769	76.615	ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	299006	65.072	ng	98
20) 3+4-Methylphenols	8.90	107	412280	76.213	ng	98
22) Acetophenone	8.97	105	544751	80.598	ng	# 97
24) Nitrobenzene	9.35	77	447034	79.650	ng	98
25) Isophorone	9.87	82	841337	71.803	ng	98
26) 2-Nitrophenol	10.06	139	195843	97.346	ng	96
27) 2,4-Dimethylphenol	10.11	122	306575	81.218	ng	94
28) bis(2-Chloroethoxy)methane	10.35	93	454256	77.270	ng	99
29) 2,4-Dichlorophenol	10.59	162	384838	89.677	ng	94
30) 1,2,4-Trichlorobenzene	10.81	180	445753	93.668	ng	98
31) Naphthalene	11.00	128	1031897	79.912	ng	98
32) Benzoic acid	10.28	122	246002	95.198	ng	98
33) 4-Chloroaniline	11.12	127	482942	84.352	ng	96
34) Hexachlorobutadiene	11.27	225	341304	97.145	ng	97
35) Caprolactam	11.93	113	127851	75.461	ng	90
36) 4-Chloro-3-methylphenol	12.22	107	434776	80.311	ng	100
37) 2-Methylnaphthalene	12.60	142	780593	80.851	ng	98
38) 1-Methylnaphthalene	12.82	142	742054	78.633	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	586077	85.697	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	318216	78.854	nq	97
43) 2,4,6-Trichlorophenol	13.20	196	376871	91.190	nq	96
44) 2,4,5-Trichlorophenol	13.27	196	391061	86.862	nq	98
46) 1,1'-Biphenyl	13.60	154	1058918	74.292	nq	98
47) 2-Chloronaphthalene	13.65	162	910183	81.596	nq	97
48) 2-Nitroaniline	13.85	65	334793	84.317	nq	99
49) Acenaphthylene	14.49	152	1322490	69.880	nq	97
50) Dimethylphthalate	14.21	163	1179017	76.759	nq	99
51) 2,6-Dinitrotoluene	14.34	165	257608	85.932	nq	98
52) Acenaphthene	14.83	154	830902	75.390	nq	98
53) 3-Nitroaniline	14.68	138	260079	84.672	nq	94
54) 2,4-Dinitrophenol	14.88	184	135890	91.973	nq	97
55) Dibenzofuran	15.16	168	1340208	74.241	nq	96
56) 4-Nitrophenol	14.96	139	191092	71.747	nq	98
57) 2,4-Dinitrotoluene	15.12	165	372631	91.476	nq	99
58) Fluorene	15.80	166	1072916	73.533	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.38	232	382078	84.317	nq	98
60) Diethylphthalate	15.56	149	1193303	73.633	nq	95
61) 4-Chlorophenyl-phenylether	15.79	204	720001	84.844	nq	95
62) 4-Nitroaniline	15.85	138	273394	79.569	nq	96
63) Azobenzene	16.09	77	1089475	65.278	nq	95
65) 4,6-Dinitro-2-methylphenol	15.88	198	204139	101.492	nq	95
66) n-Nitrosodiphenylamine	16.01	169	976719	75.960	nq	98
67) 4-Bromophenyl-phenylether	16.69	248	479087	87.988	nq	97
68) Hexachlorobenzene	16.80	284	508264	90.276	nq	99
69) Atrazine	16.94	200	328058	64.396	nq	97
70) Pentachlorophenol	17.14	266	268972	81.641	nq	97
71) Phenanthrene	17.55	178	1719902	73.062	nq	94
72) Anthracene	17.64	178	1715021	72.480	nq	96
73) Carbazole	17.91	167	1482501	68.769	nq	97
74) Di-n-butylphthalate	18.44	149	1826099	70.181	nq	# 95
75) Fluoranthene	19.55	202	2086580	71.129	nq	94
77) Benzidine	19.73	184	705363	61.339	nq	97
78) Pyrene	19.91	202	2063889	78.407	nq	94
80) Butylbenzylphthalate	20.78	149	853758	83.217	nq	97
81) Benzo(a)anthracene	21.77	228	2146665	80.874	nq	95
82) 3,3'-Dichlorobenzidine	21.68	252	785396	83.016	nq	97
83) Chrysene	21.84	228	2051369	81.263	nq	93
84) Bis(2-ethylhexyl)phthalate	21.64	149	1200457	81.060	nq	97
85) Di-n-octyl phthalate	22.88	149	1992369	79.883	nq	99
86) Indeno(1,2,3-cd)pyrene	28.99	276	2663170	87.258	nq	# 98
88) Benzo(b)fluoranthene	24.07	252	2217083	78.746	nq	96
89) Benzo(k)fluoranthene	24.14	252	2127561	80.915	nq	96
90) Benzo(a)pyrene	24.98	252	2125637	79.758	nq	98
91) Dibenzo(a,h)anthracene	29.06	278	2163325	80.213	nq	99
92) Benzo(g,h,i)perylene	30.21	276	2070010	77.120	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 858

Delta R.T. 0.00 min

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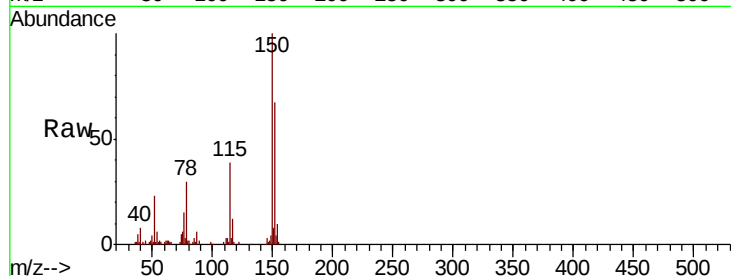
Tot Ion:152 Resp: 58440

Ion Ratio Lower Upper

152 100

150 149.2 120.6 180.8

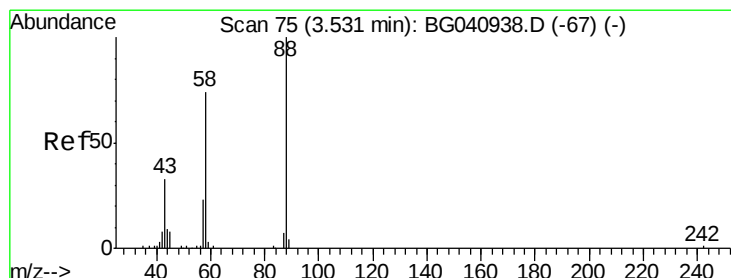
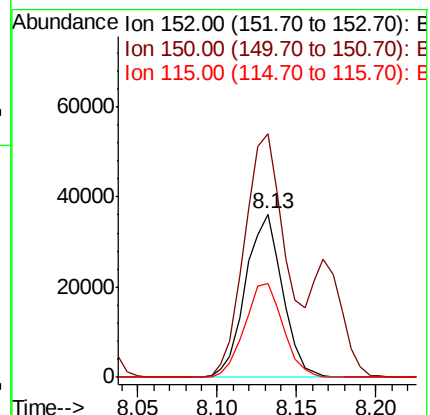
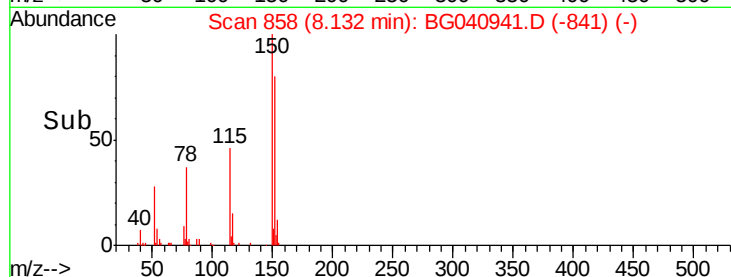
115 57.5 45.1 67.7



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: 69.422 ng

RT: 3.53 min Scan# 75

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

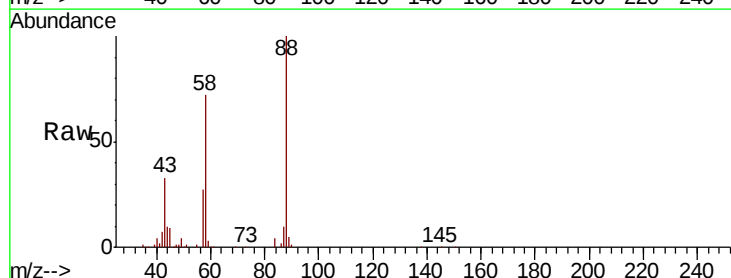
Tgt Ion: 88 Resp: 104669

Ion Ratio Lower Upper

88 100

58 77.3 59.0 88.6

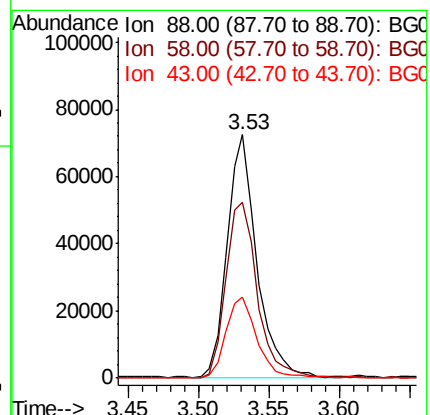
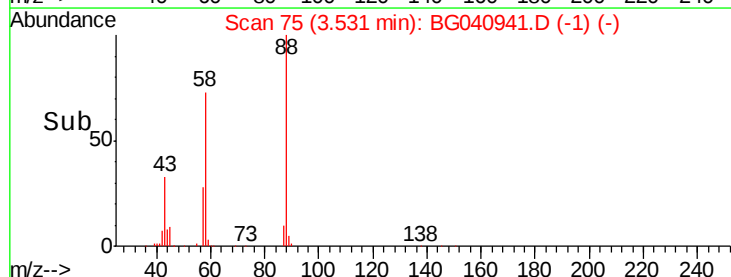
43 35.3 27.2 40.8



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: 77.497 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

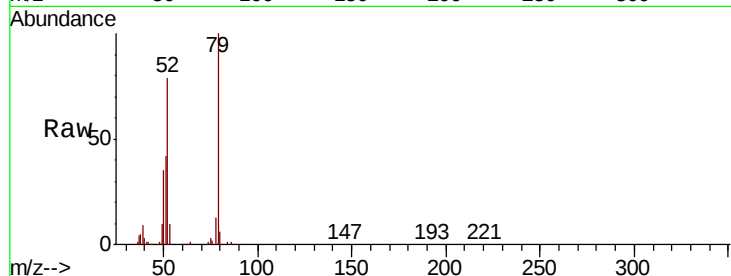
Tot Ion: 79 Resp: 338674

Ion Ratio Lower Upper

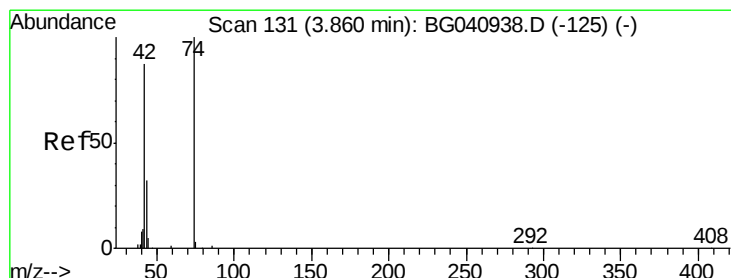
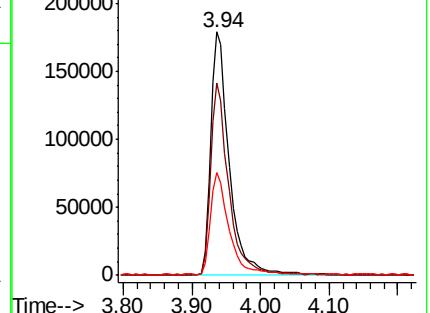
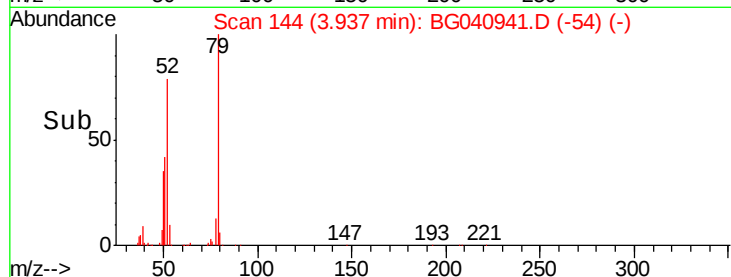
79 100

52 78.9 64.8 97.2

51 42.3 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 67.213 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

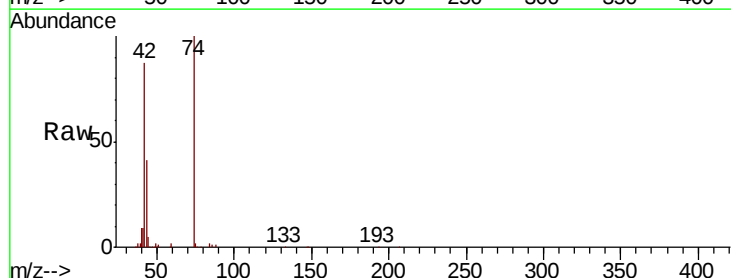
Tgt Ion: 42 Resp: 162924

Ion Ratio Lower Upper

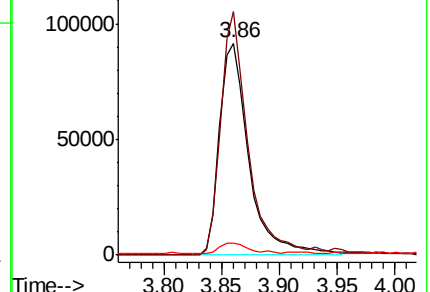
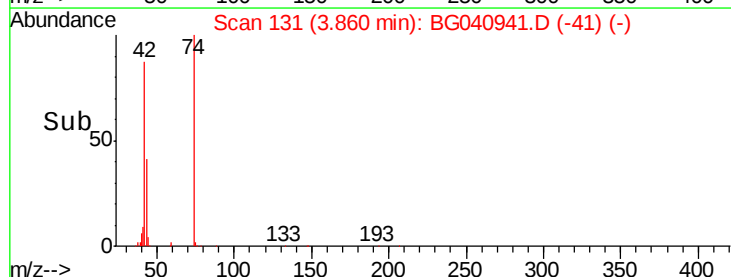
42 100

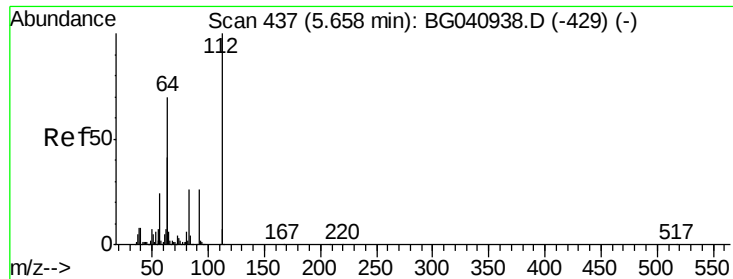
74 115.0 91.8 137.6

44 5.5 6.0 9.0#



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





#5

2-Fluorophenol

Concen: 151.187 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

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ClientSampleId :

SSTDICC080

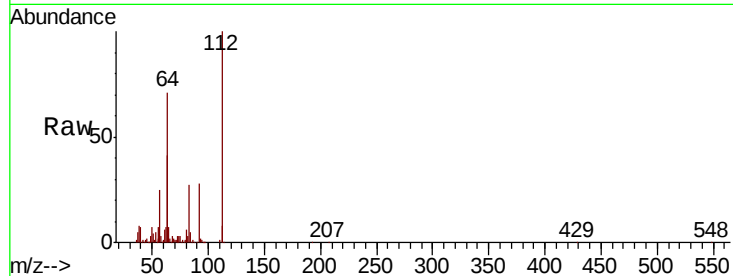
Tot Ion:112 Resp: 501222

Ion Ratio Lower Upper

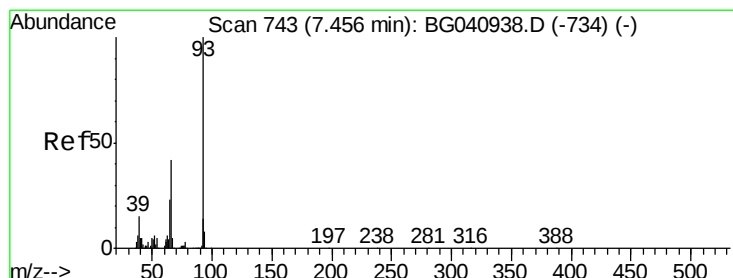
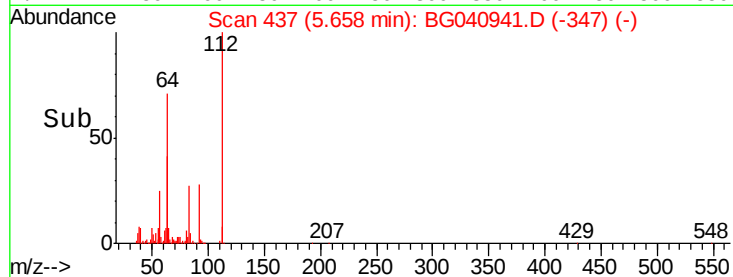
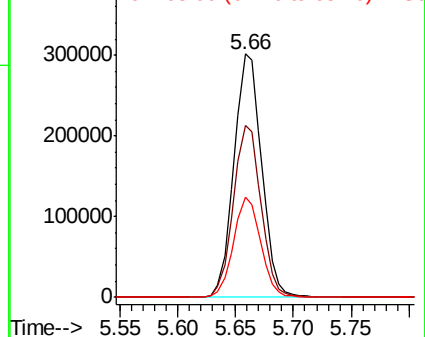
112 100

64 70.6 56.2 84.2

63 40.9 32.8 49.2



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: 76.078 ng

RT: 7.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

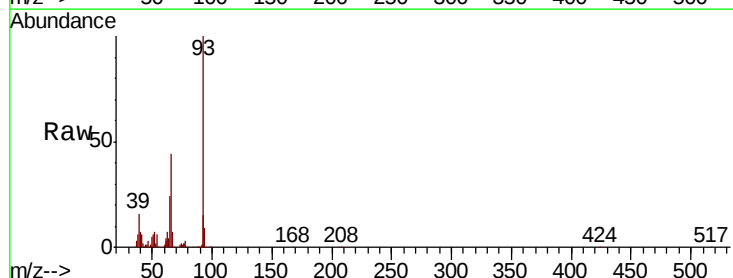
Tgt Ion: 93 Resp: 514728

Ion Ratio Lower Upper

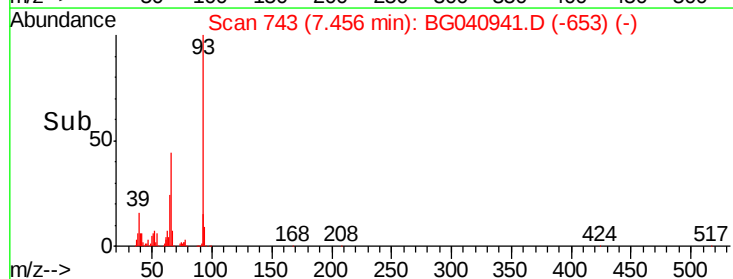
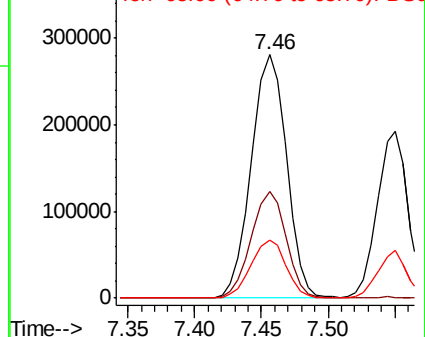
93 100

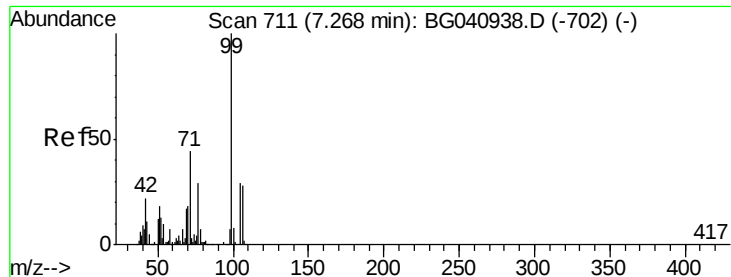
66 43.6 33.8 50.8

65 24.1 18.3 27.5



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: 148.748 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.01 min

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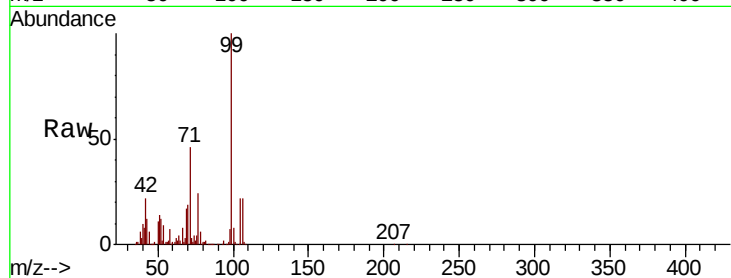
Tot Ion: 99 Resp: 759292

Ion Ratio Lower Upper

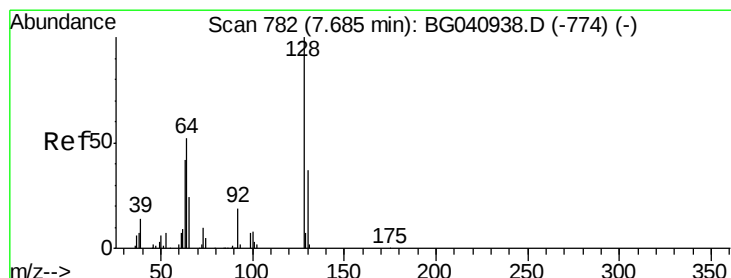
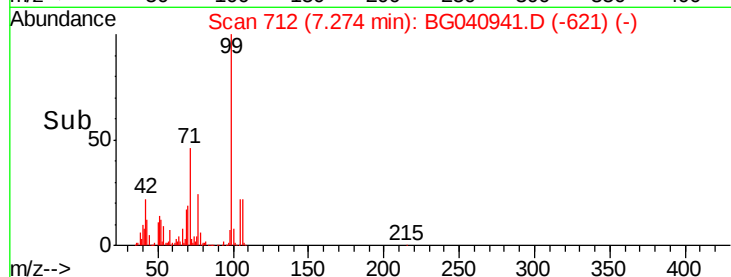
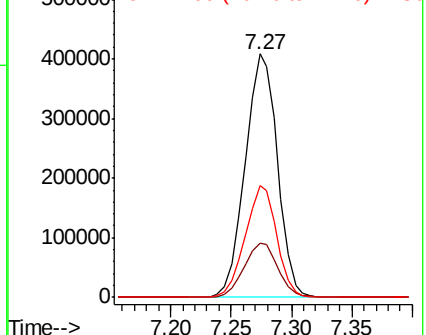
99 100

42 22.3 17.9 26.9

71 45.9 35.4 53.0



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



#8

2-Chlorophenol

Concen: 72.932 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

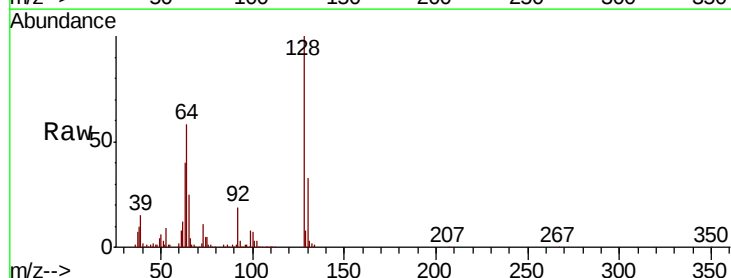
Tgt Ion: 128 Resp: 295232

Ion Ratio Lower Upper

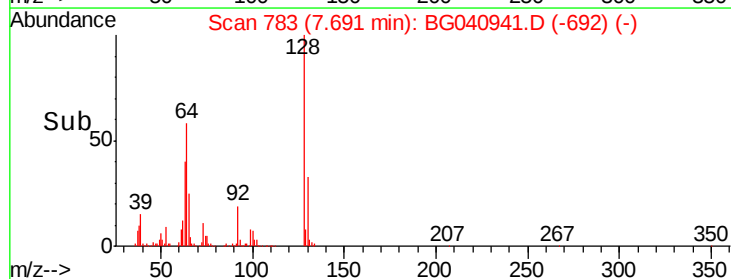
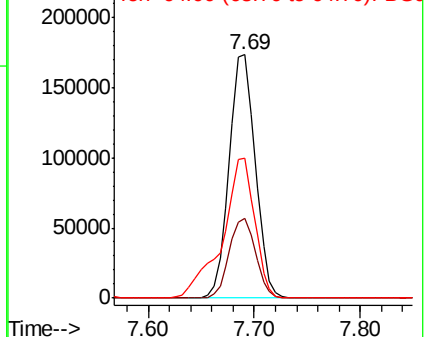
128 100

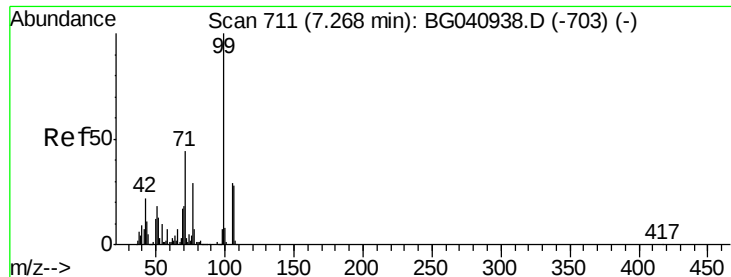
130 32.5 16.6 56.6

64 57.7 37.8 77.8



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





#9

Benzaldehyde

Concen: 63.224 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

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ClientSampleId :

SSTDIC080

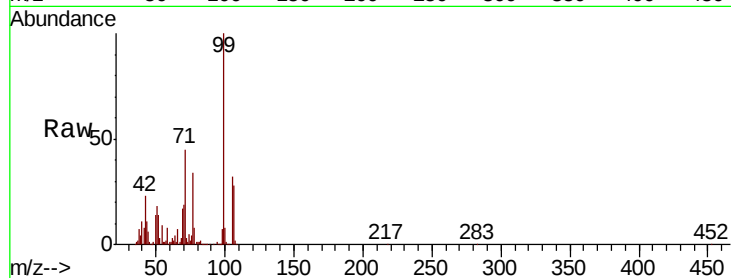
Tot Ion: 77 Resp: 200102

Ion Ratio Lower Upper

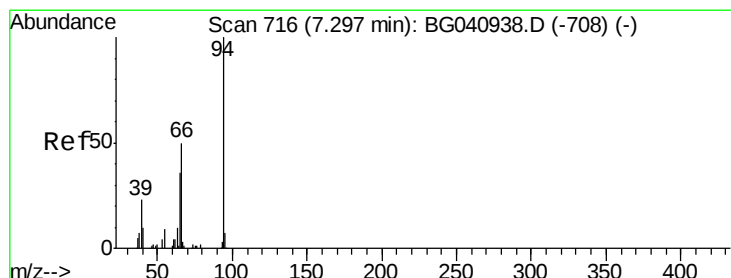
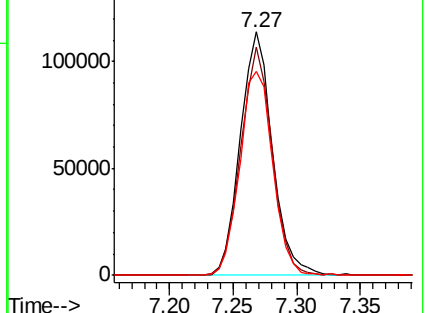
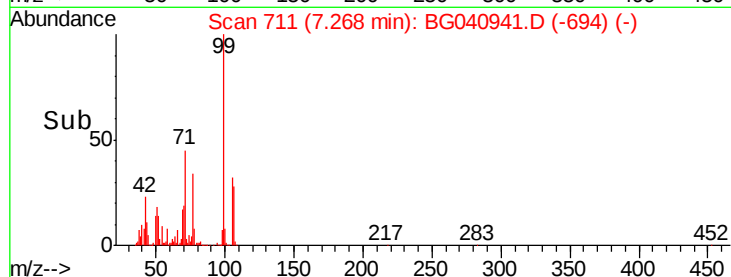
77 100

105 93.9 78.9 118.9

106 83.9 76.7 116.7



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: 73.911 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

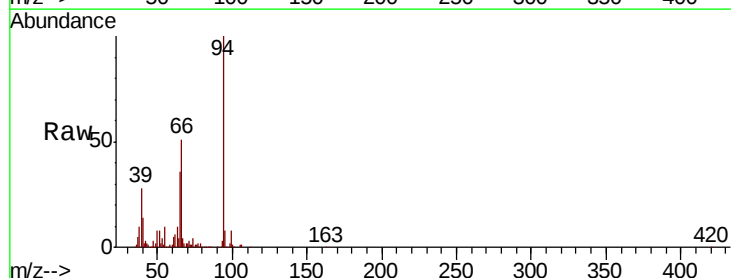
Tgt Ion: 94 Resp: 405561

Ion Ratio Lower Upper

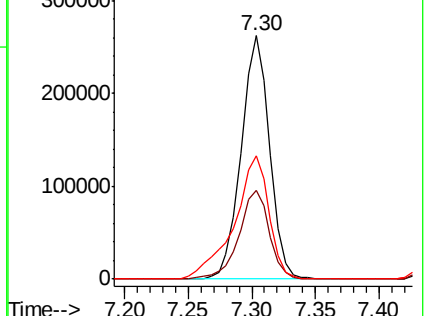
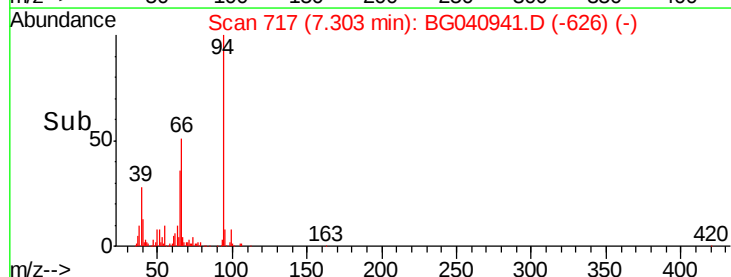
94 100

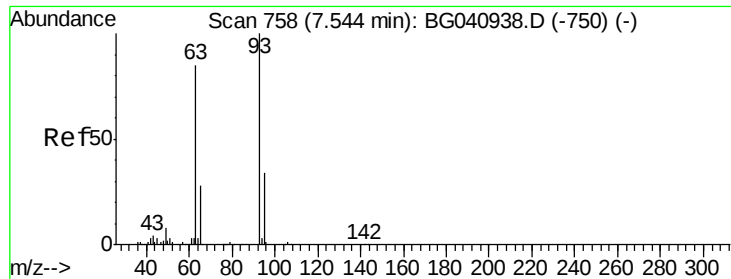
65 36.4 17.0 57.0

66 50.9 32.4 72.4



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

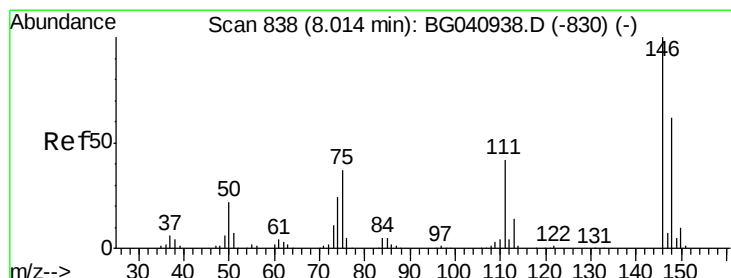
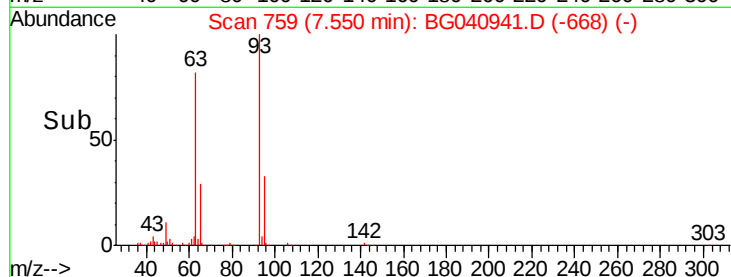
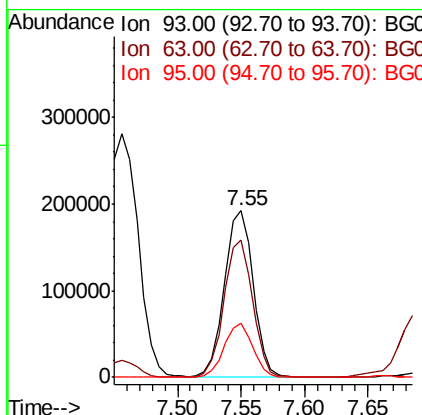
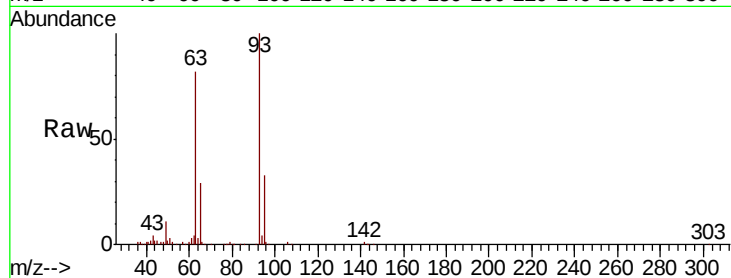




#11
bis(2-Chloroethyl)ether
Concen: 73.922 ng
RT: 7.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

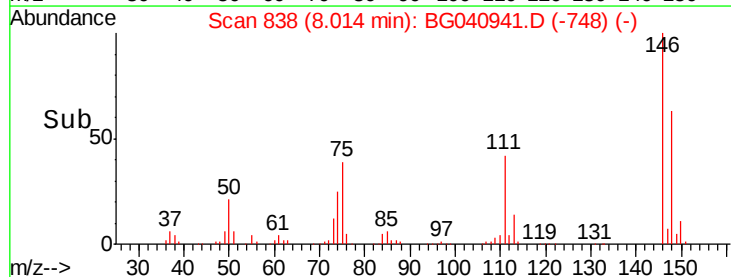
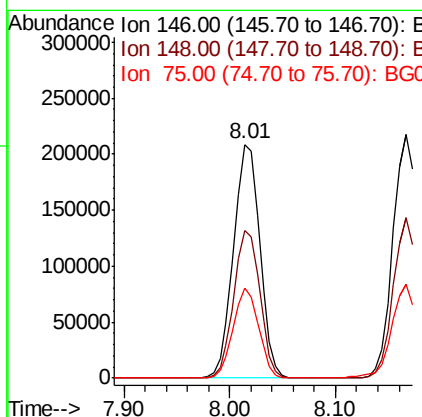
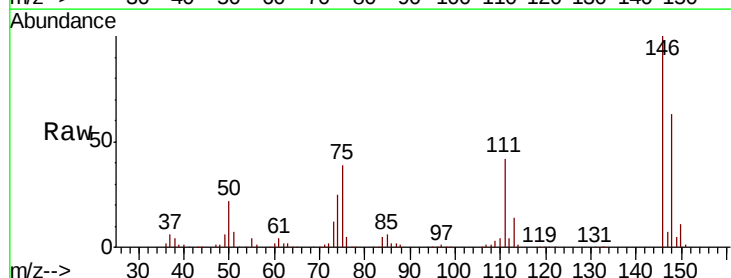
Instrument :
BNA_G
ClientSampleId :
SSTDIC080

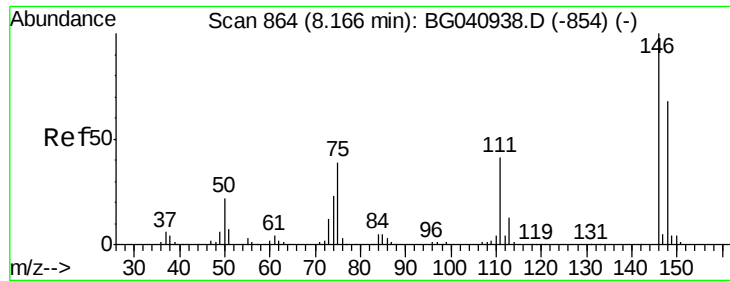
Tot Ion:	93	Resp:	304167
Ion	Ratio	Lower	Upper
93	100		
63	82.4	64.5	104.5
95	32.9	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 81.344 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Tgt Ion:	146	Resp:	359408
Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.2	73.8
75	38.8	29.4	44.0

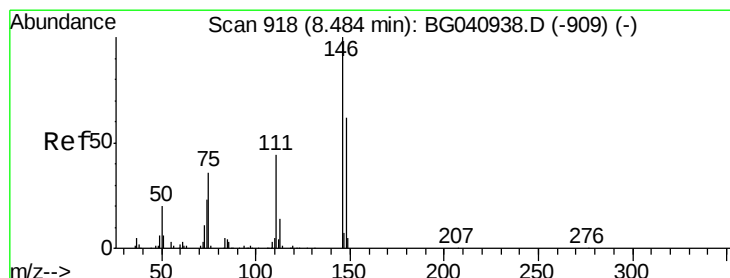
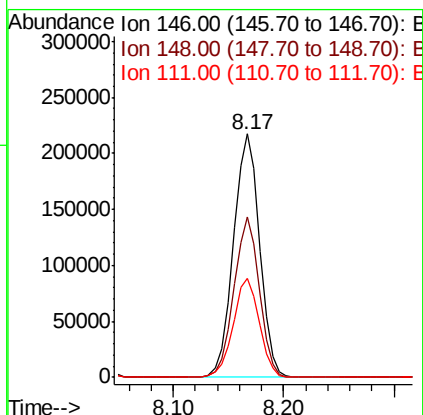
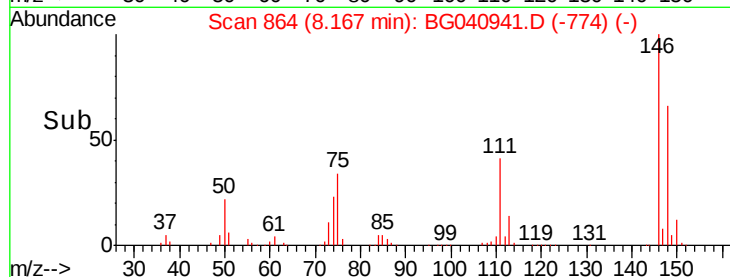
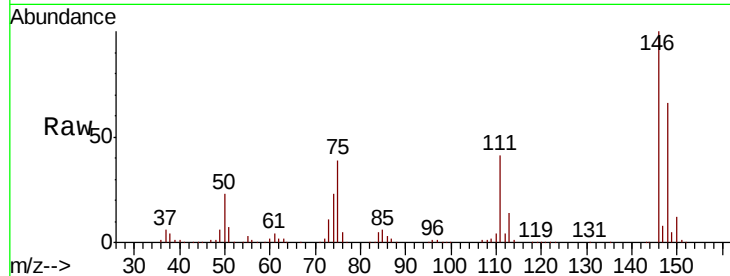




#13
 1,4-Dichlorobenzene
 Concen: 80.475 ng
 RT: 8.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

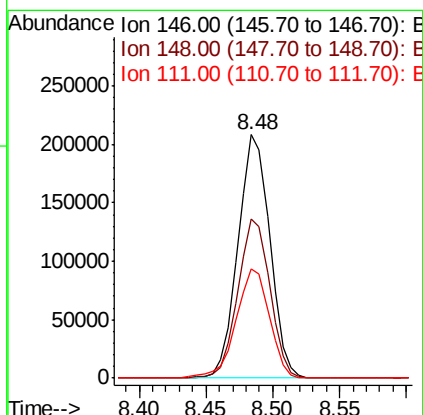
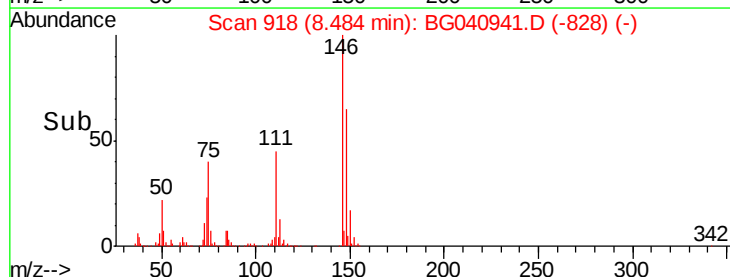
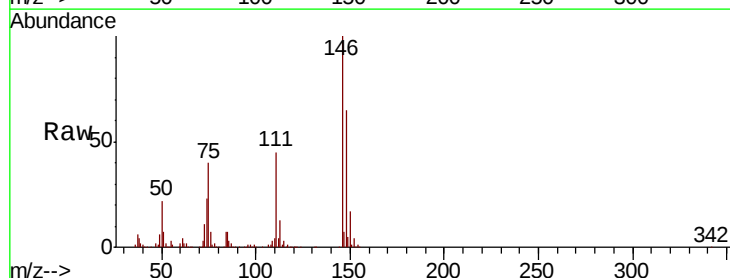
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

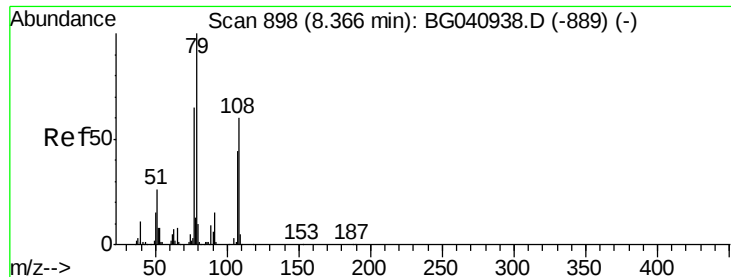
Tot Ion:146 Resp: 360451
 Ion Ratio Lower Upper
 146 100
 148 66.0 54.2 81.4
 111 40.8 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 79.610 ng
 RT: 8.48 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

Tgt Ion:146 Resp: 343882
 Ion Ratio Lower Upper
 146 100
 148 65.3 49.8 74.6
 111 44.8 35.0 52.4





#15

Benzyl Alcohol

Concen: 68.455 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampled :

SSTDIC080

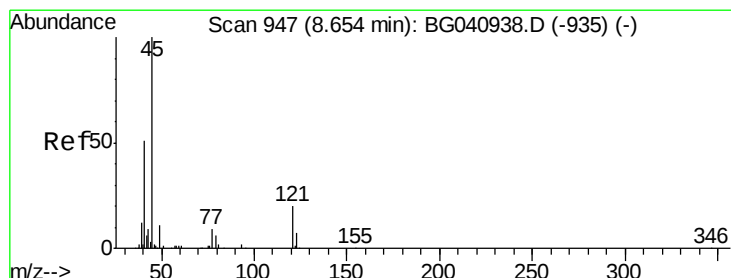
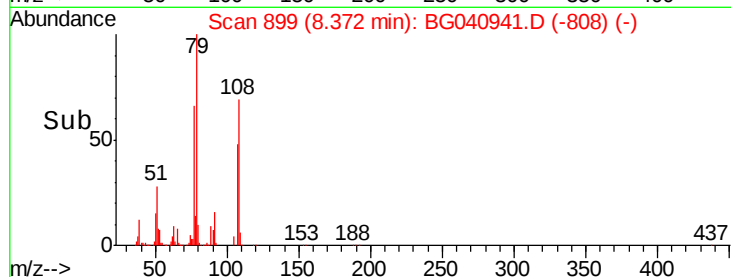
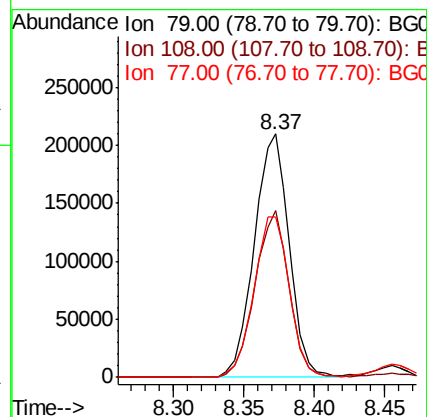
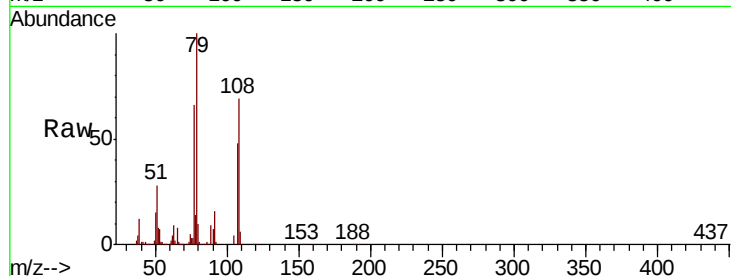
Tot Ion: 79 Resp: 363585

Ion Ratio Lower Upper

79 100

108 68.5 48.3 72.5

77 65.9 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 59.905 ng

RT: 8.65 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

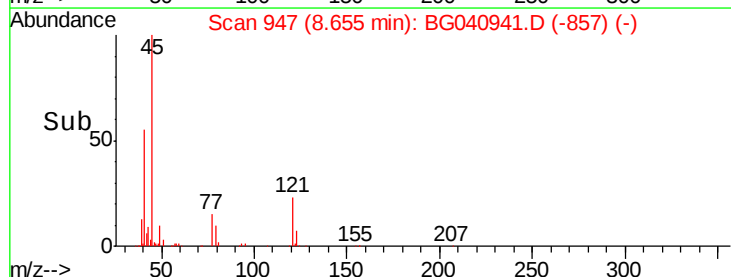
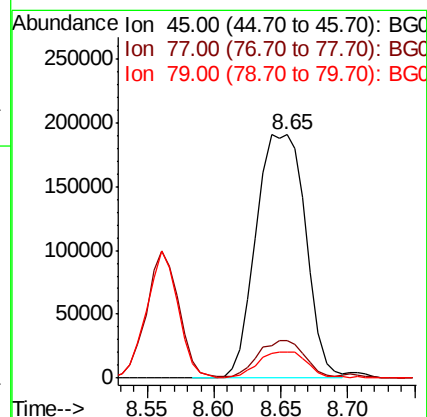
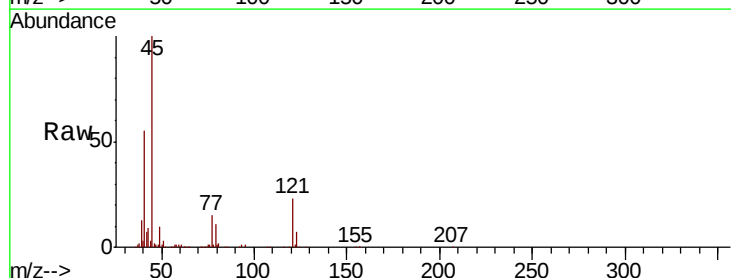
Tgt Ion: 45 Resp: 490745

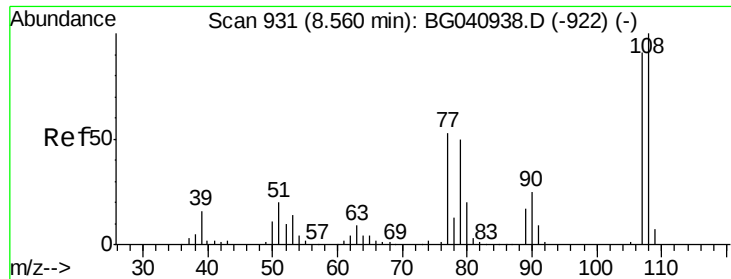
Ion Ratio Lower Upper

45 100

77 15.4 0.0 33.7

79 10.8 0.0 30.2





#17

2-Methylphenol

Concen: 77.153 ng

RT: 8.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:107 Resp: 299600

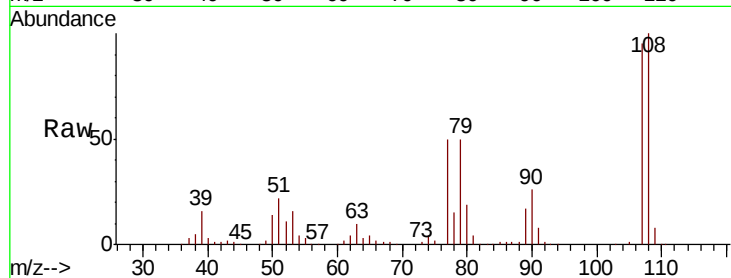
Ion Ratio Lower Upper

107 100

108 105.1 87.7 131.5

77 52.6 46.6 70.0

79 52.2 44.6 66.8



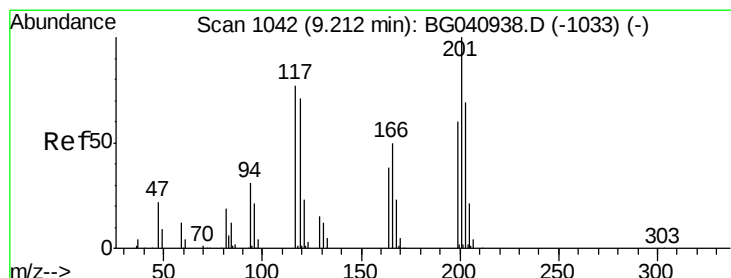
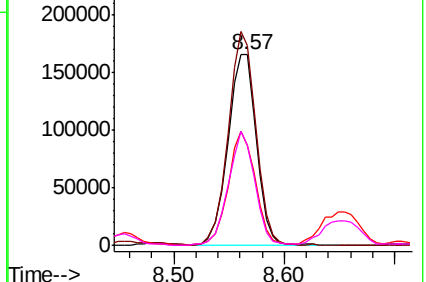
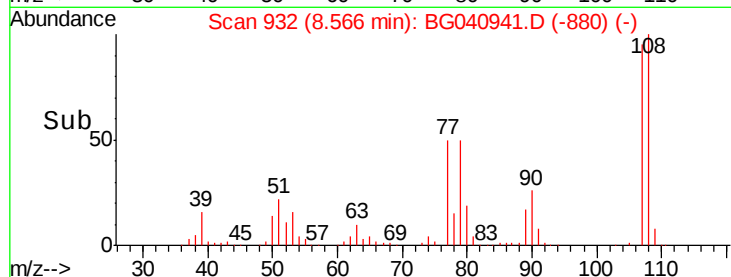
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 76.615 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

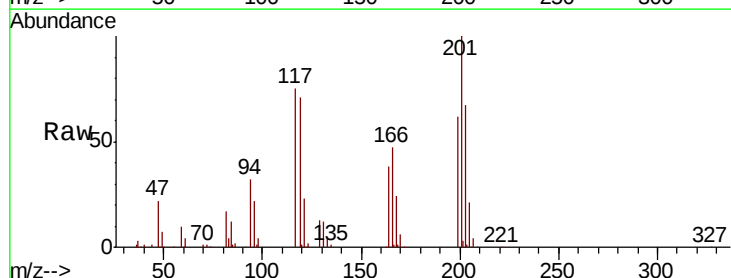
Tgt Ion:117 Resp: 140769

Ion Ratio Lower Upper

117 100

119 93.8 75.0 112.6

201 132.7 103.5 155.3

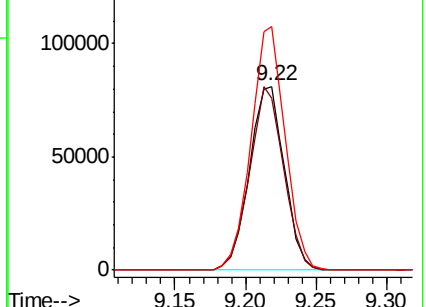
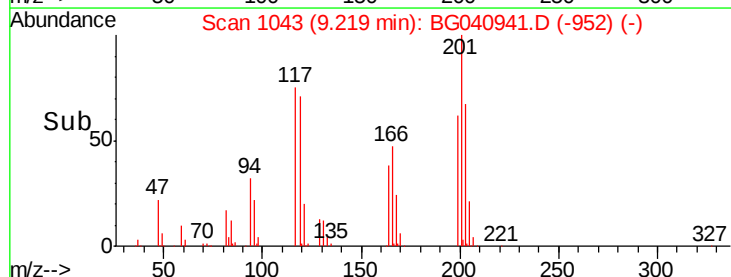


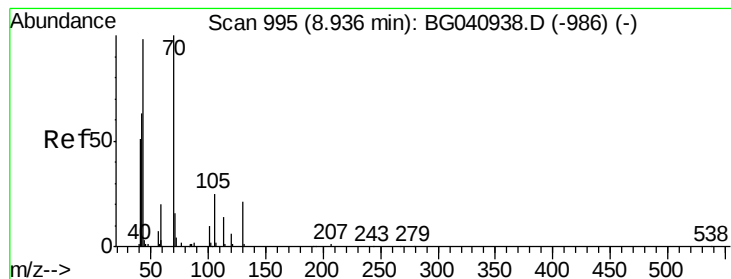
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 65.072 ng

RT: 8.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion: 70 Resp: 299006

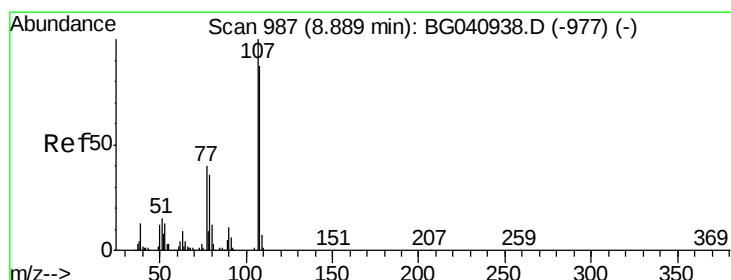
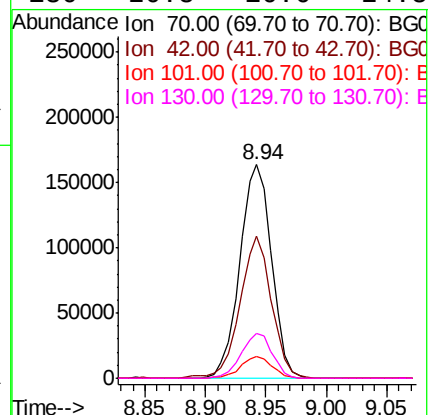
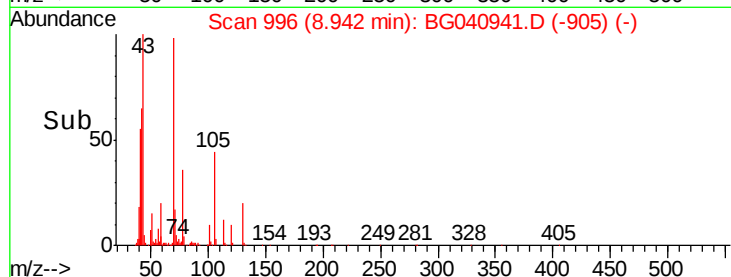
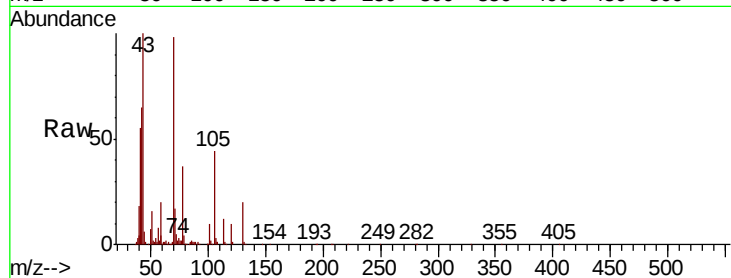
Ion Ratio Lower Upper

70 100

42 66.4 51.5 77.3

101 10.0 8.1 12.1

130 20.8 16.6 24.8



#20

3+4-Methylphenols

Concen: 76.213 ng

RT: 8.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Tgt Ion: 107 Resp: 412280

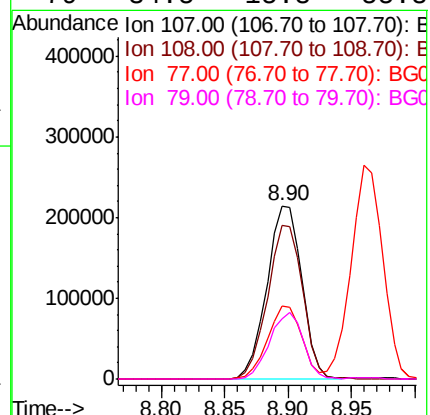
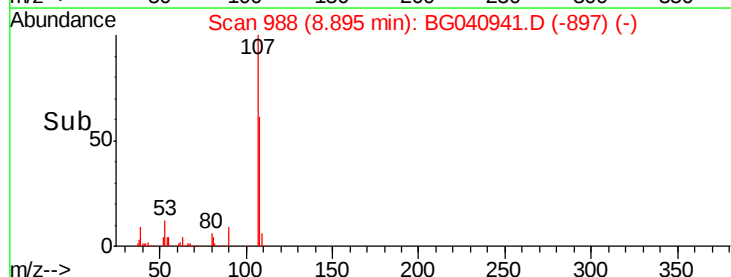
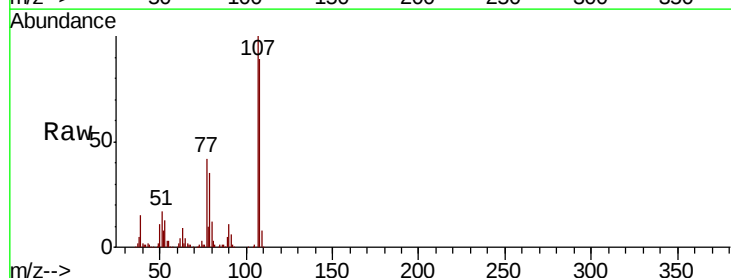
Ion Ratio Lower Upper

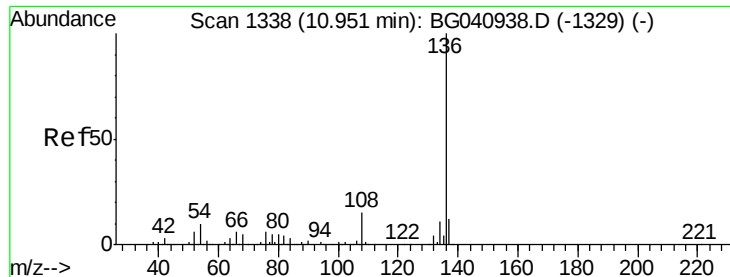
107 100

108 88.6 66.8 106.8

77 42.4 20.5 60.5

79 34.5 15.8 55.8

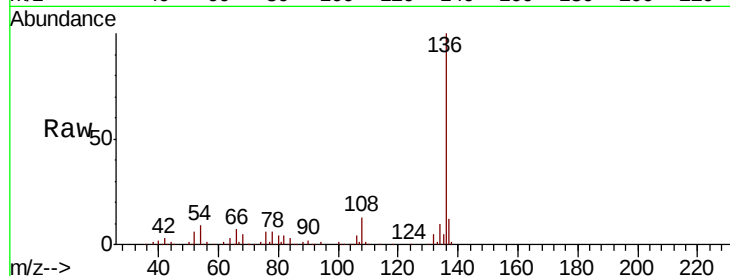




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion:136	Resp:	243059
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.5 14.3
54	9.3	7.6 11.4
68	5.2	3.9 5.9



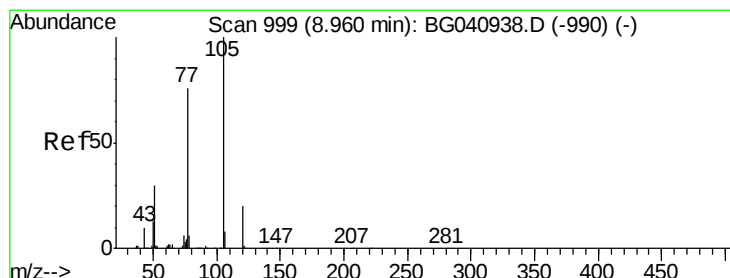
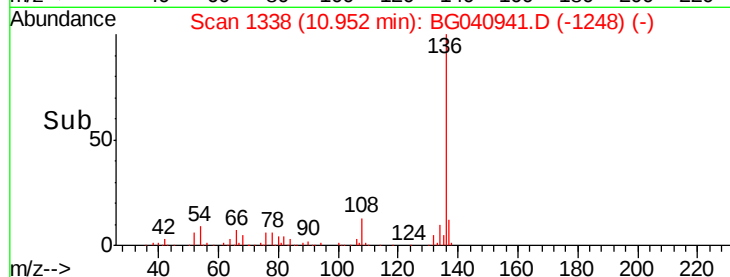
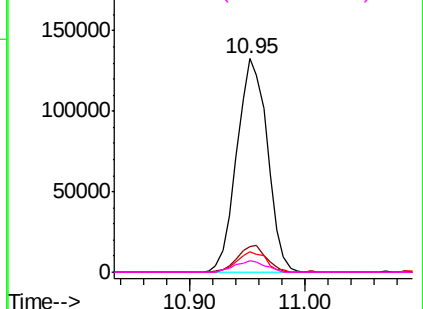
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

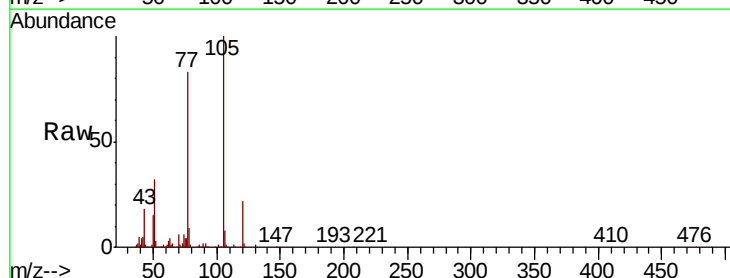
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 80.598 ng
RT: 8.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Tgt Ion:105	Resp:	544751
Ion	Ratio	Lower Upper
105	100	
71	0.9	0.4 0.6#
51	32.4	27.0 40.6
120	22.0	16.2 24.4



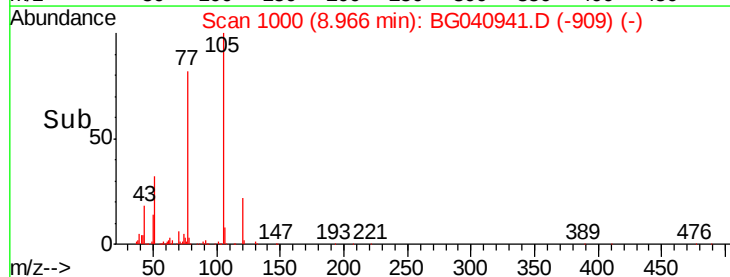
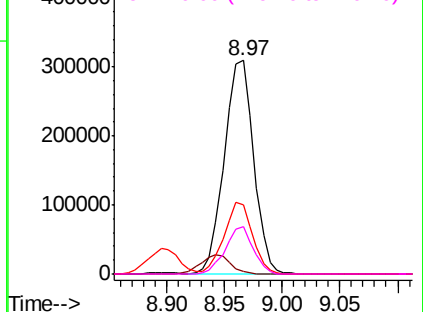
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

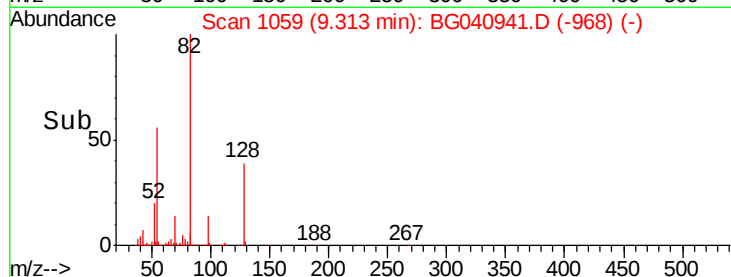
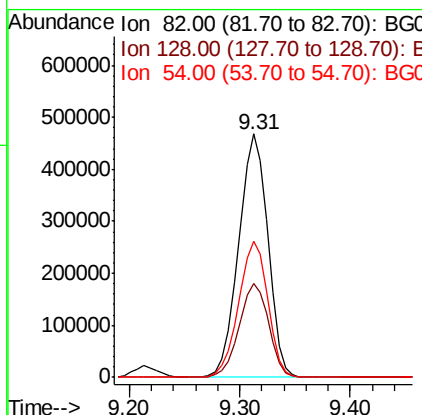
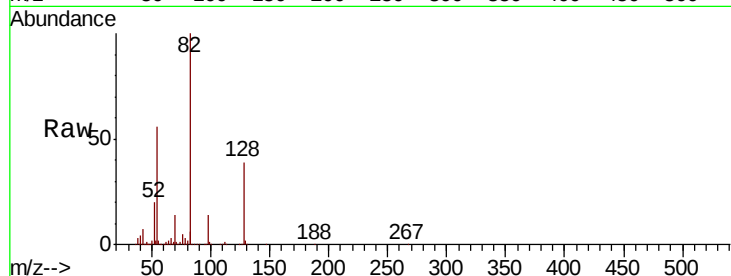




#23
 Nitrobenzene-d5
 Concen: 165.812 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

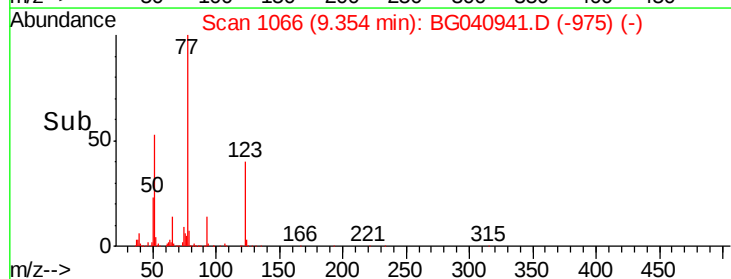
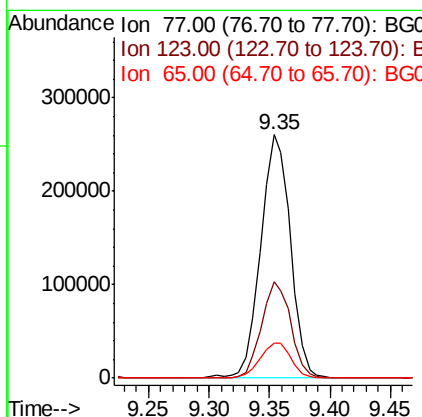
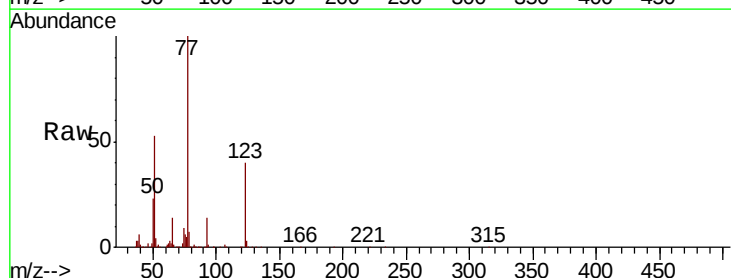
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion: 82 Resp: 872221
 Ion Ratio Lower Upper
 82 100
 128 38.6 30.5 45.7
 54 55.8 44.6 66.8



#24
 Nitrobenzene
 Concen: 79.650 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

Tgt Ion: 77 Resp: 447034
 Ion Ratio Lower Upper
 77 100
 123 39.7 30.6 46.0
 65 14.4 12.3 18.5





#25

Isophorone

Concen: 71.803 ng

RT: 9.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

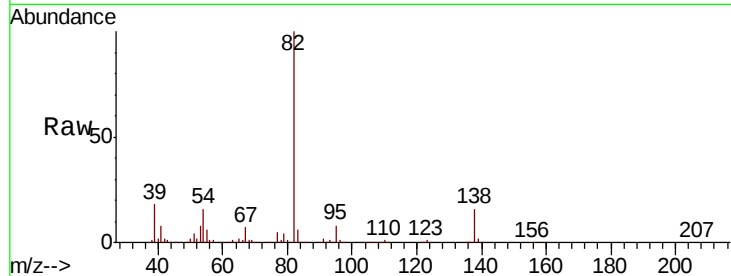
Tot Ion: 82 Resp: 841337

Ion Ratio Lower Upper

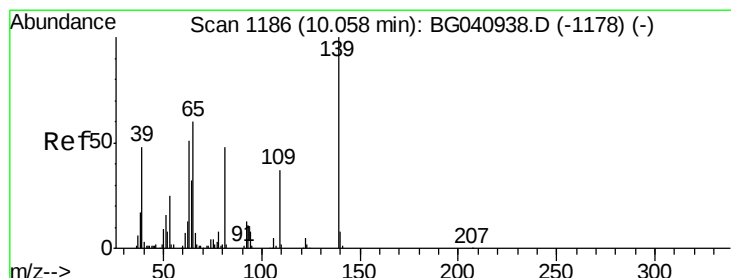
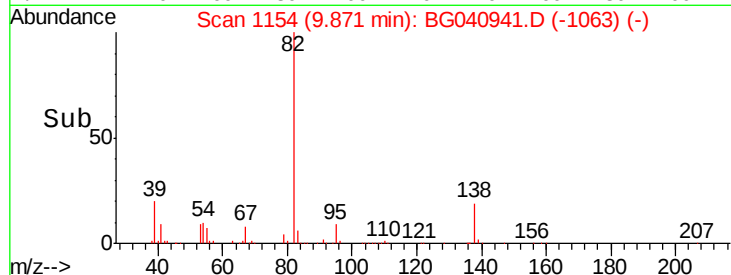
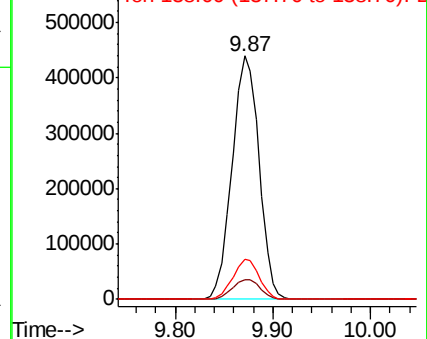
82 100

95 7.9 7.0 10.4

138 16.5 12.6 19.0



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: 97.346 ng

RT: 10.06 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

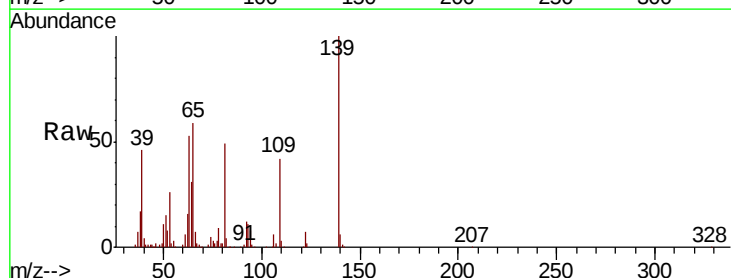
Tgt Ion: 139 Resp: 195843

Ion Ratio Lower Upper

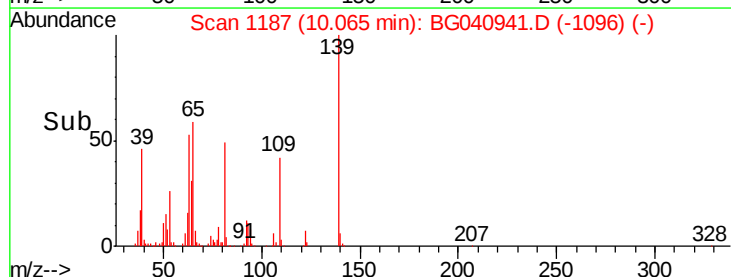
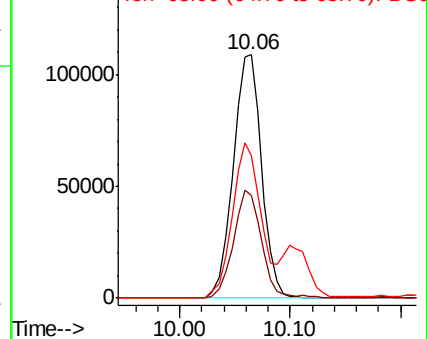
139 100

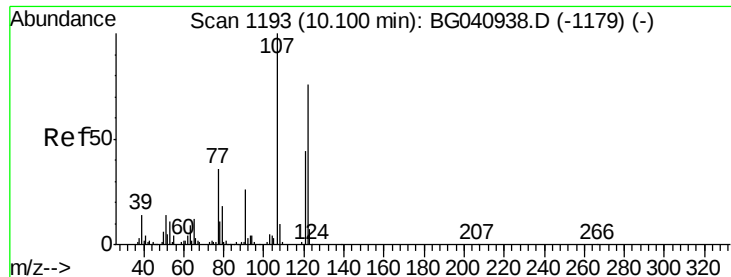
109 42.3 29.8 44.6

65 58.7 47.8 71.6



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

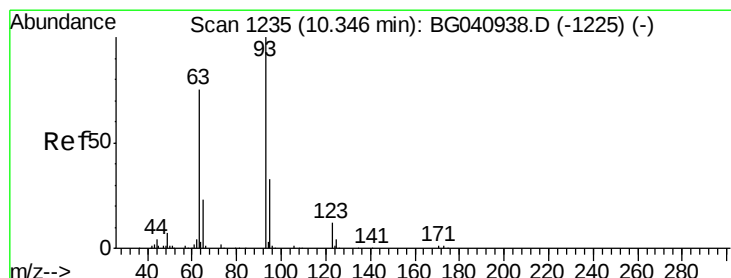
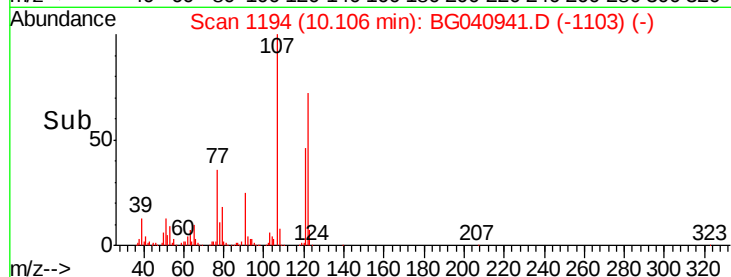
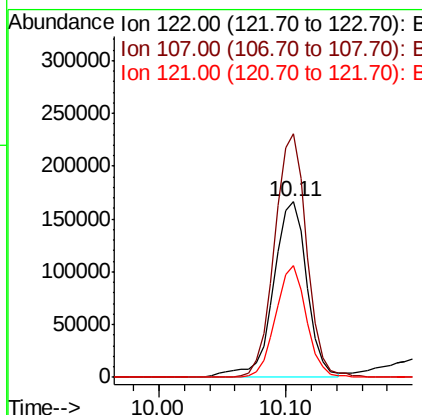
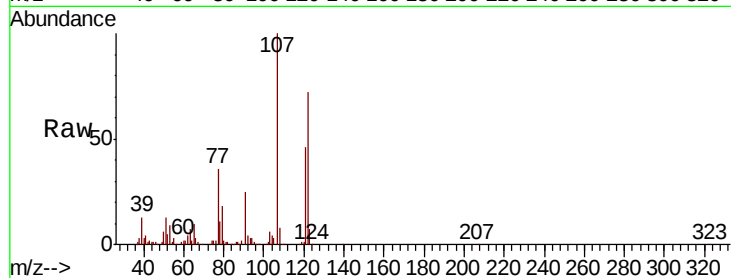




#27
2,4-Dimethylphenol
Concen: 81.218 ng
RT: 10.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

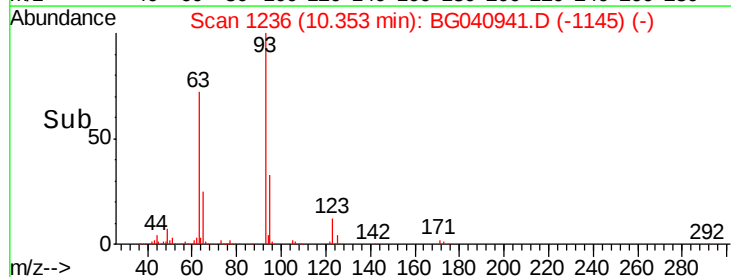
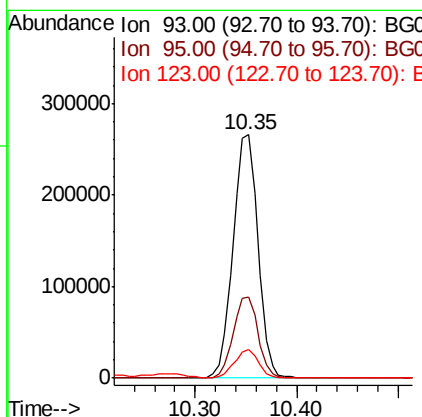
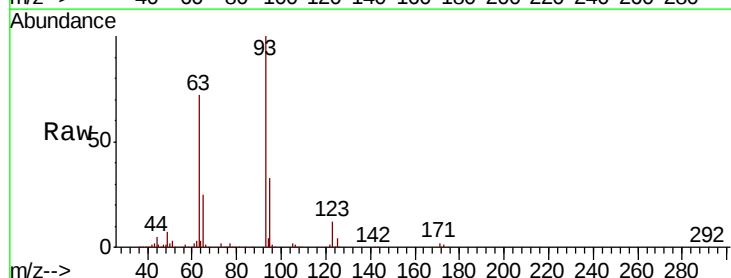
Instrument :
BNA_G
ClientSampleId :
SSTDIC080

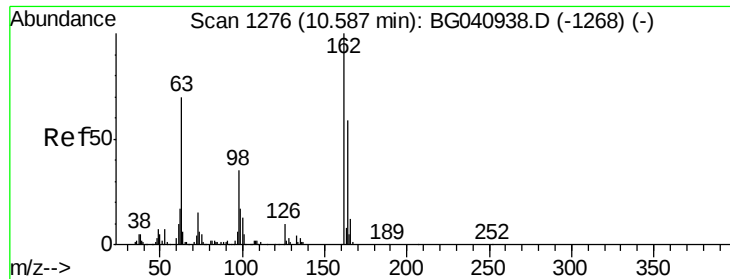
Tot Ion	Ratio	Lower	Upper
122	100		
107	138.6	105.9	158.9
121	63.7	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 77.270 ng
RT: 10.35 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.2
123	11.8	9.5	14.3

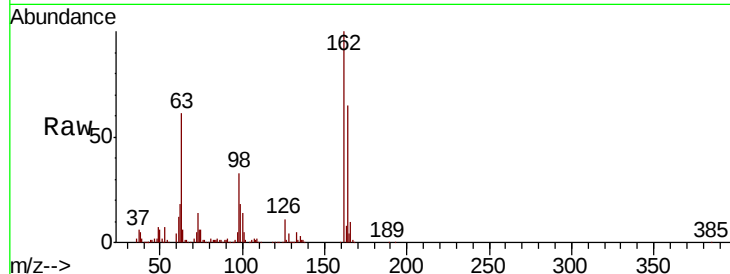




#29
 2,4-Dichlorophenol
 Concen: 89.677 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	39.4	79.4
98	32.9	15.3	55.3

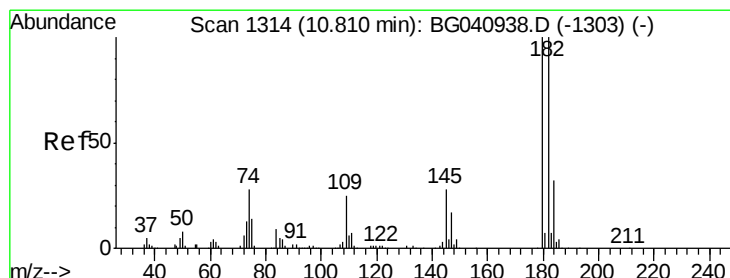
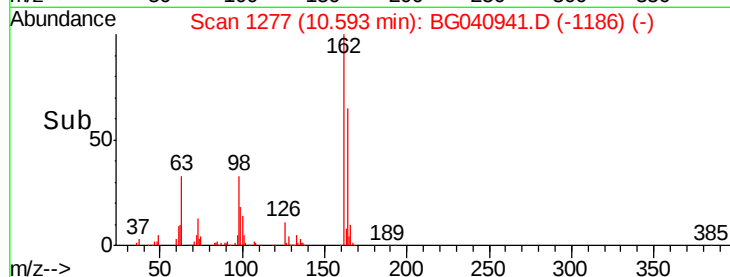
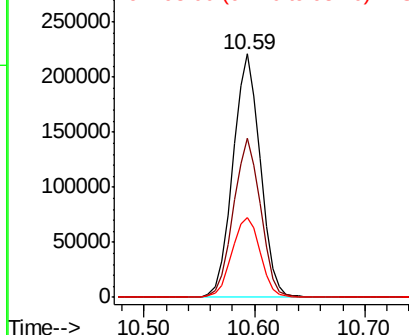


Abundance

Ion 162.00 (161.70 to 162.70): E

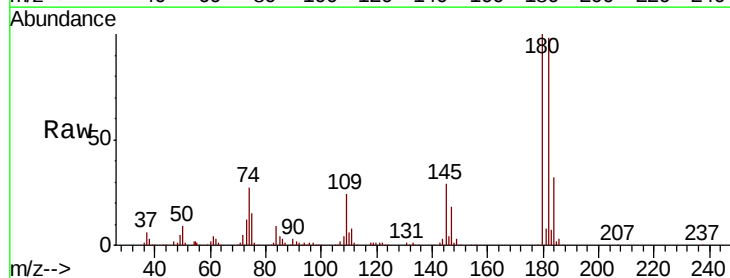
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 93.668 ng
 RT: 10.81 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	79.7	119.5
145	28.7	22.6	34.0

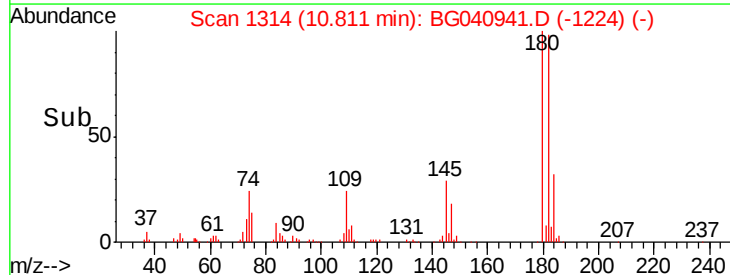
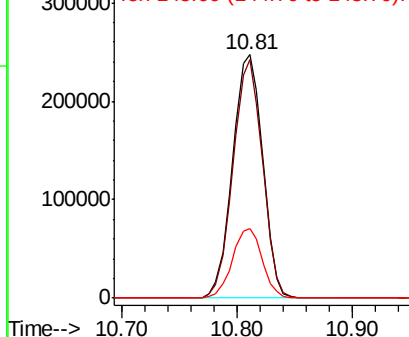


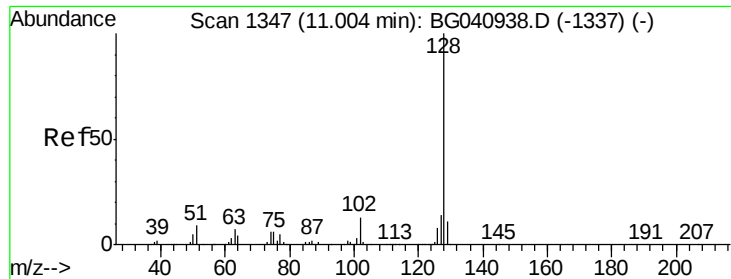
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

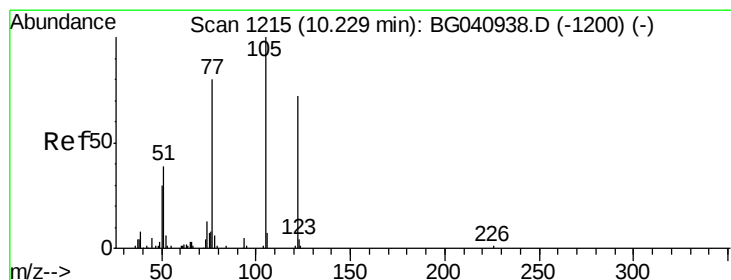
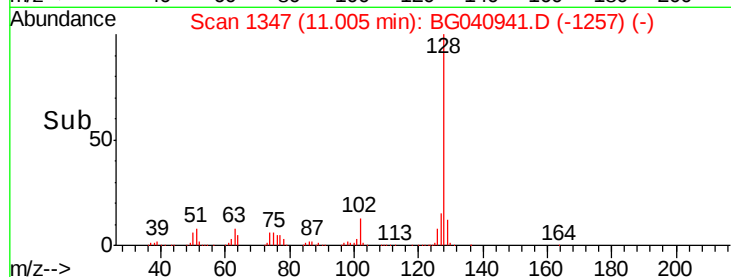
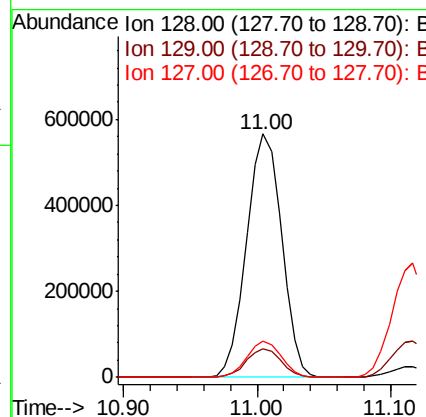
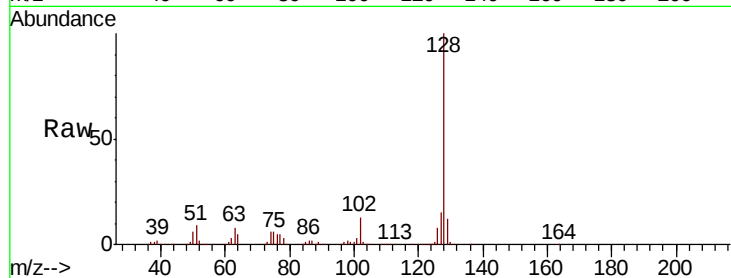




#31
Naphthalene
Concen: 79.912 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

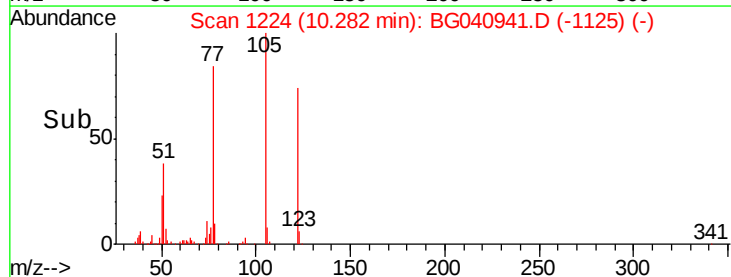
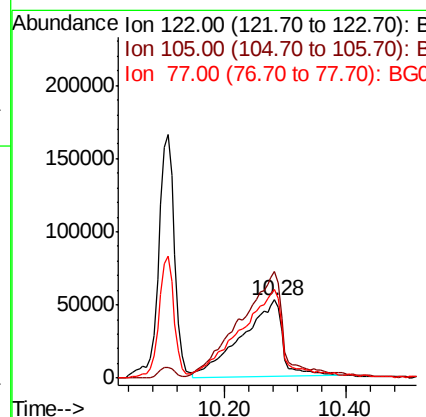
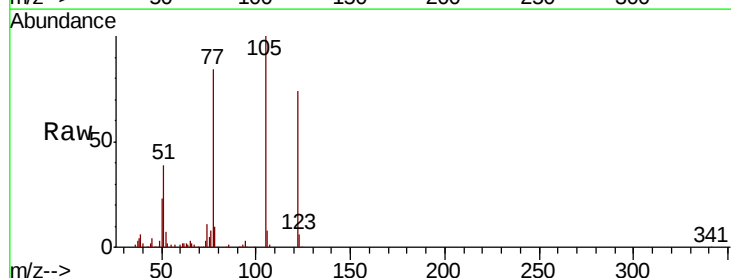
Instrument :
BNA_G
ClientSampleId :
SSTDIC080

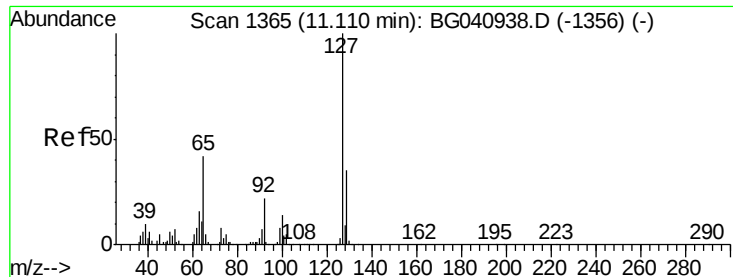
Tot Ion:128 Resp: 1031897
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 14.8 11.4 17.2



#32
Benzoic acid
Concen: 95.198 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.05 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Tgt Ion:122 Resp: 246002
Ion Ratio Lower Upper
122 100
105 135.3 114.8 154.8
77 113.3 89.9 129.9

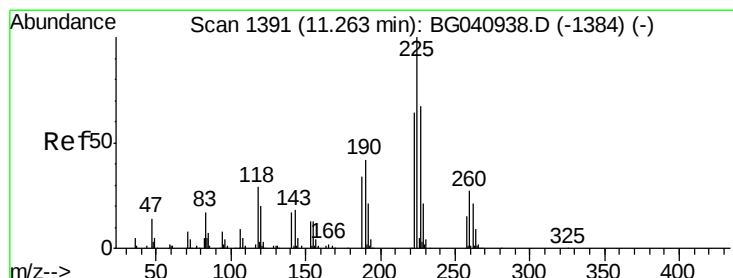
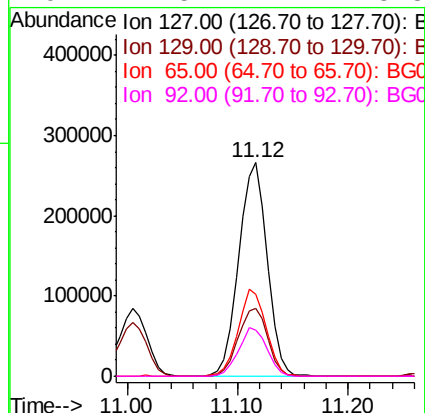
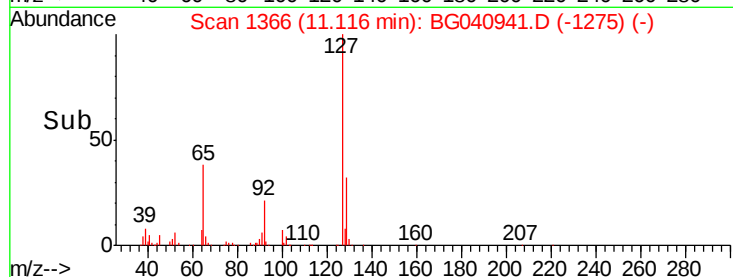
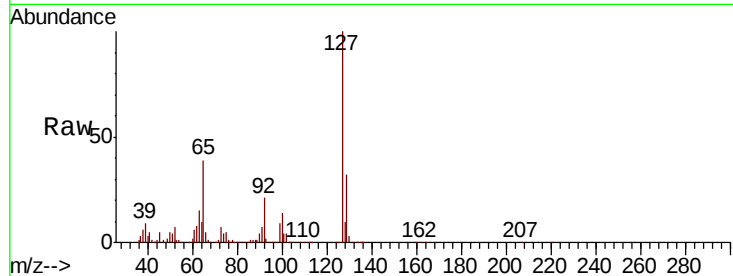




#33
4-Chloroaniline
Concen: 84.352 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

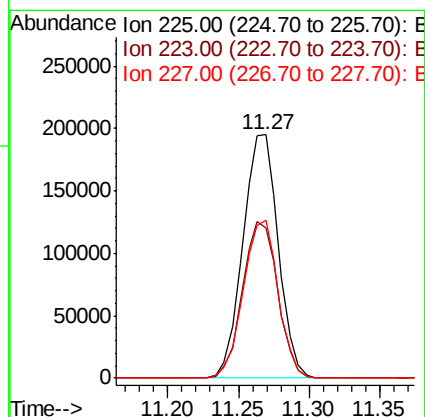
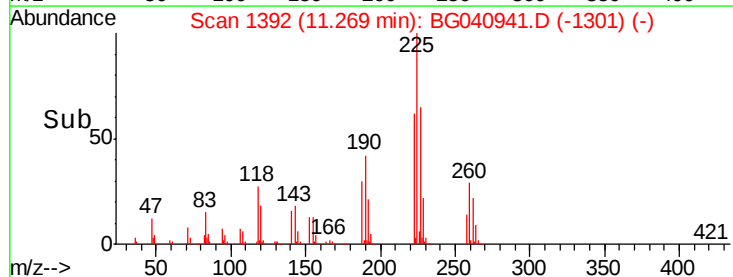
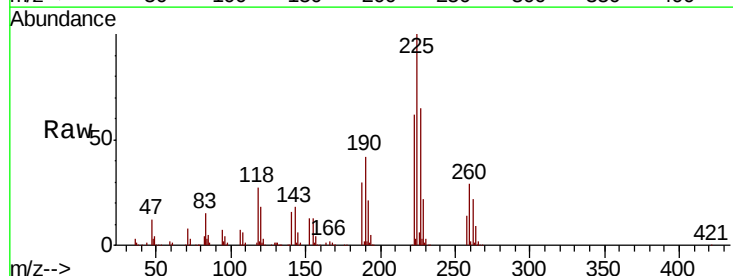
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

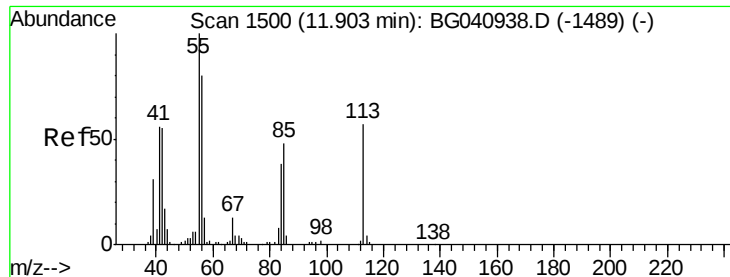
Tot Ion:127	Resp:	482942	
Ion Ratio	Lower	Upper	
127 100			
129 31.7	27.7	41.5	
65 38.5	33.2	49.8	
92 21.5	17.2	25.8	



#34
Hexachlorobutadiene
Concen: 97.145 ng
RT: 11.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Tgt Ion	225	Resp: Lower	341304 Upper
	Ratio		
225	100		
223	61.8	48.8	73.2
227	68.0	51.4	77.0





#35

Caprolactam

Concen: 75.461 ng

RT: 11.93 min Scan# 1505

Delta R.T. 0.03 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

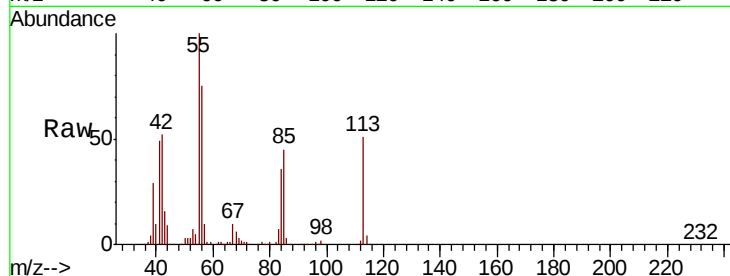
Tot Ion:113 Resp: 127851

Ion Ratio Lower Upper

113 100

55 194.8 155.9 195.9

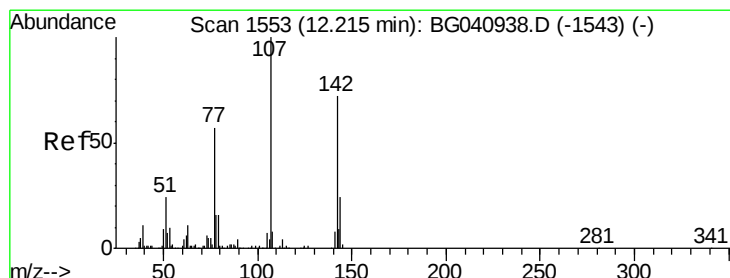
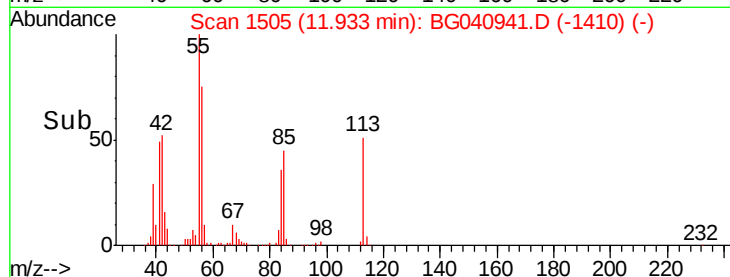
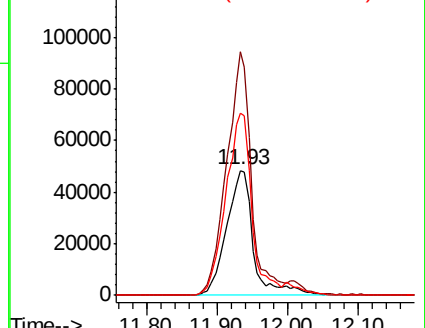
56 146.0 119.9 159.9



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: 80.311 ng

RT: 12.22 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

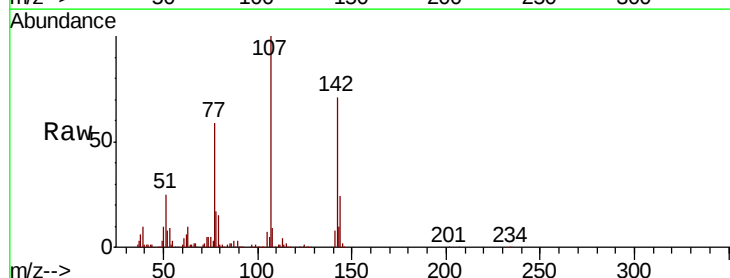
Tgt Ion:107 Resp: 434776

Ion Ratio Lower Upper

107 100

144 24.1 19.4 29.0

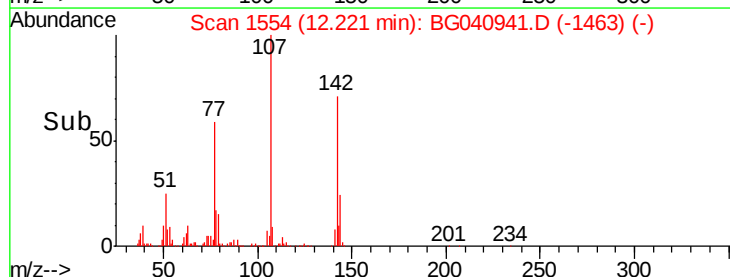
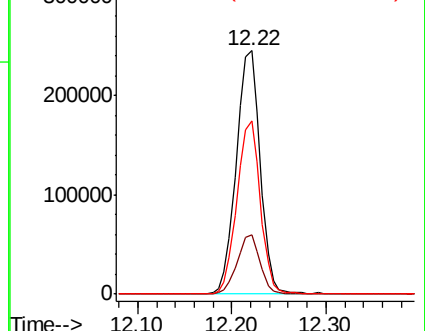
142 71.2 57.3 85.9

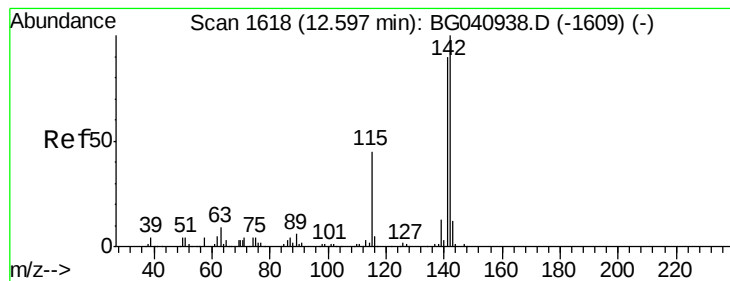


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 80.851 ng

RT: 12.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

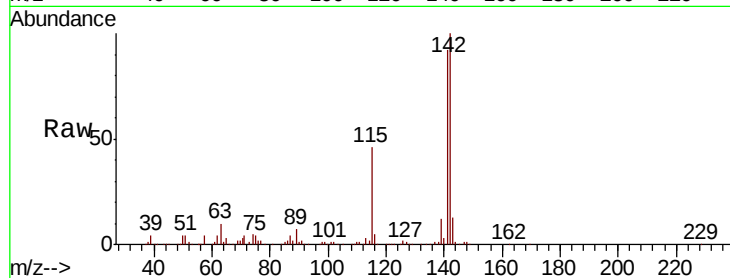
Tot Ion:142 Resp: 780593

Ion Ratio Lower Upper

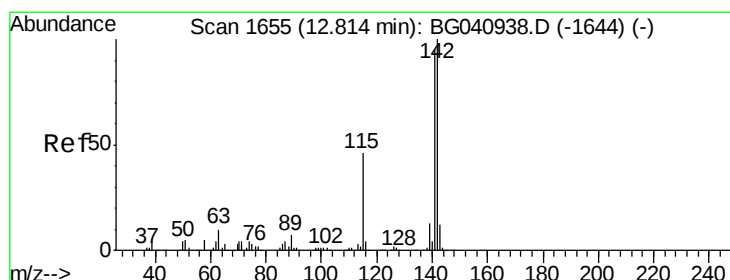
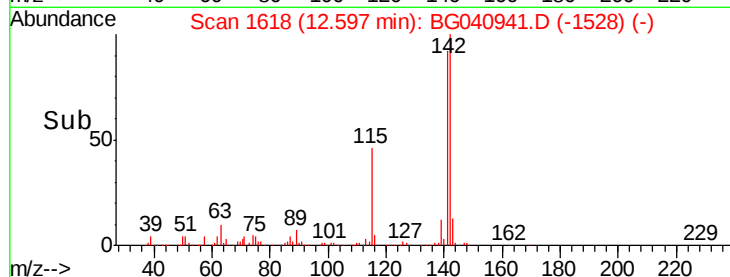
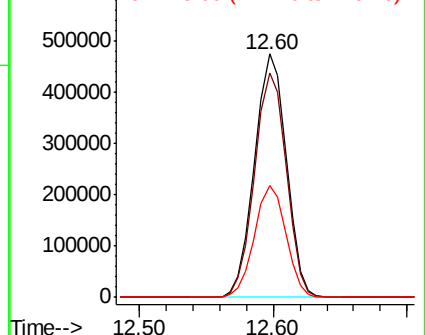
142 100

141 92.0 72.2 108.4

115 46.1 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 78.633 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

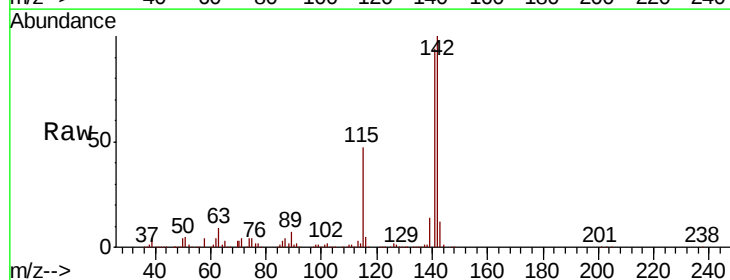
Tgt Ion:142 Resp: 742054

Ion Ratio Lower Upper

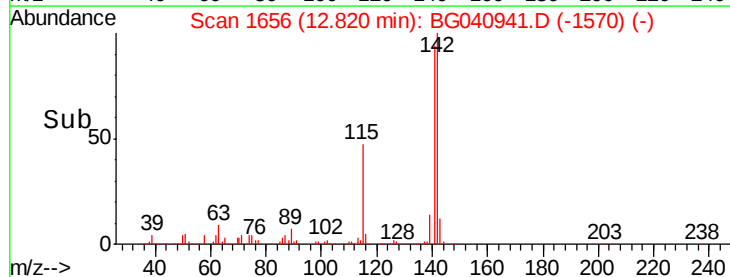
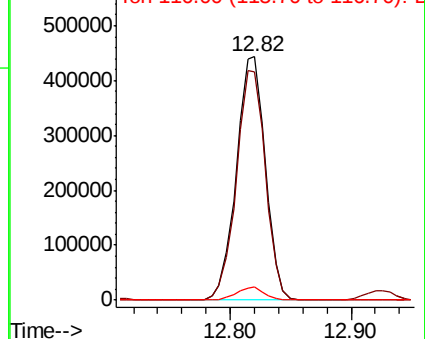
142 100

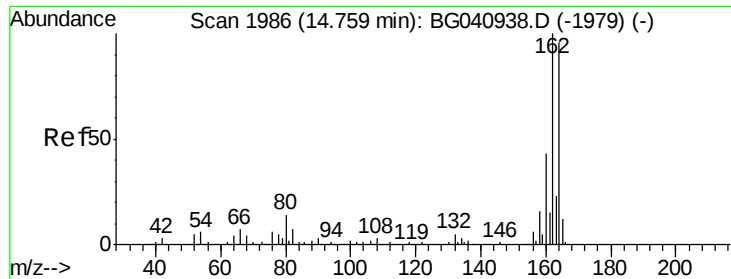
141 93.8 75.7 113.5

116 5.2 3.4 5.2#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

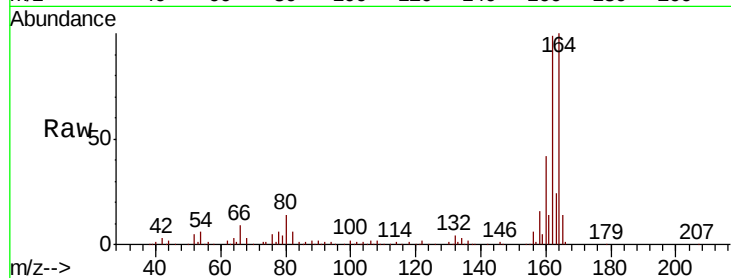
Tot Ion:164 Resp: 183583

Ion Ratio Lower Upper

164 100

162 98.9 83.0 124.4

160 42.2 35.6 53.4

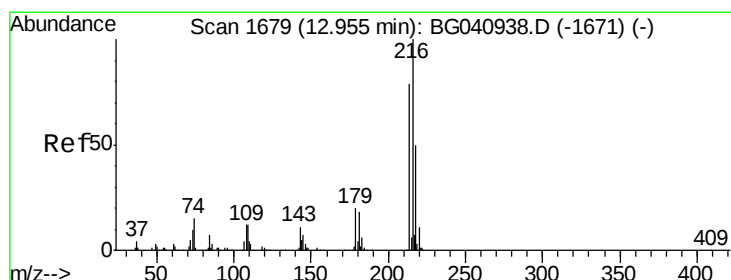
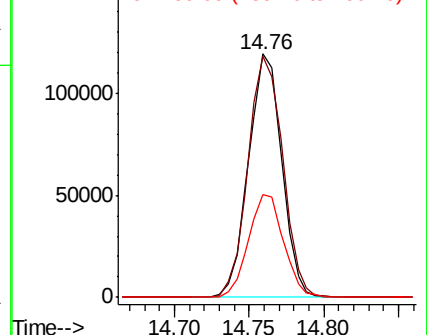
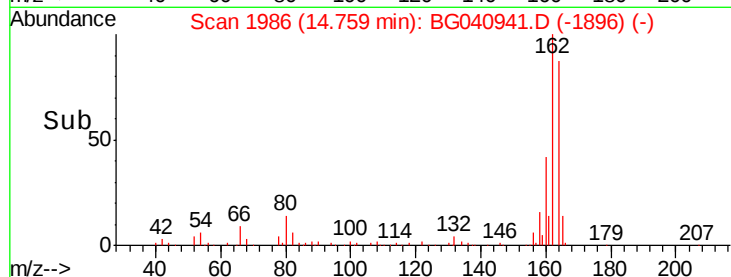


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 85.697 ng

RT: 12.96 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Tgt Ion:216 Resp: 586077

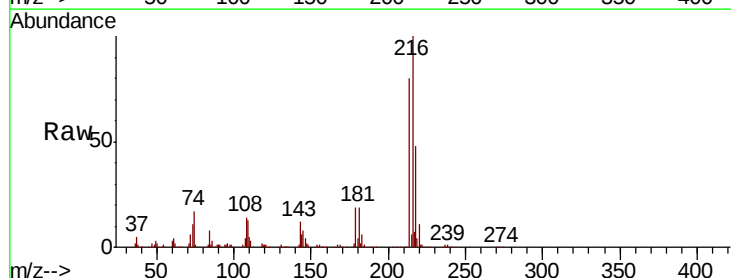
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 19.4 15.2 22.8

108 15.2 11.4 17.2



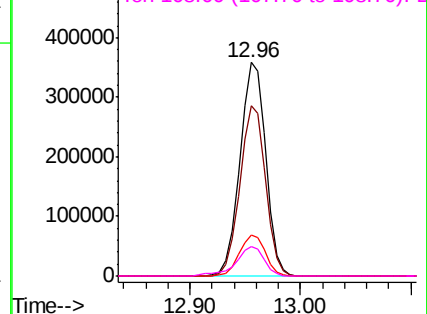
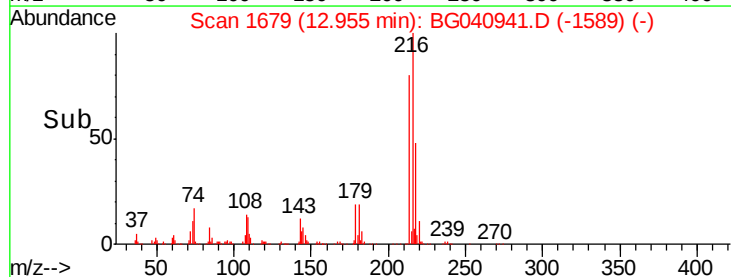
Abundance

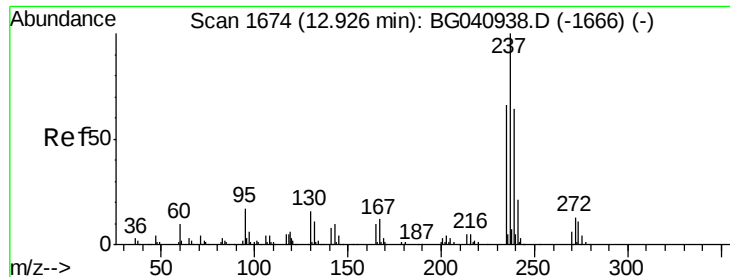
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.854 ng

RT: 12.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

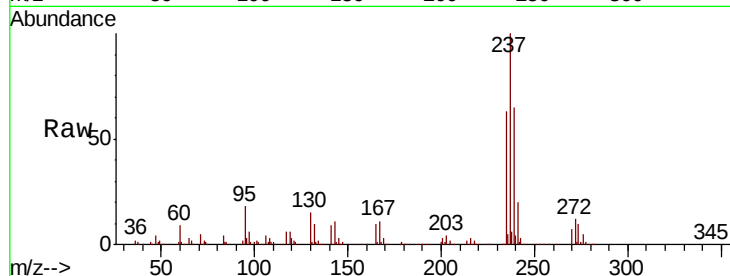
Tot Ion:237 Resp: 318216

Ion Ratio Lower Upper

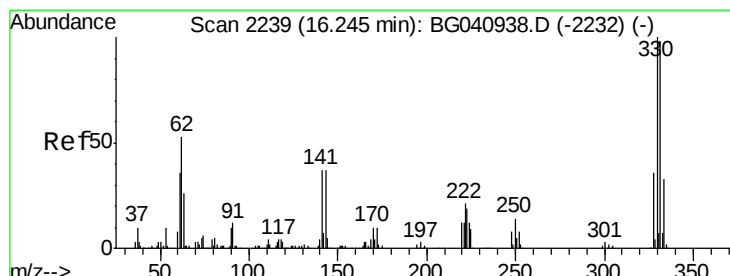
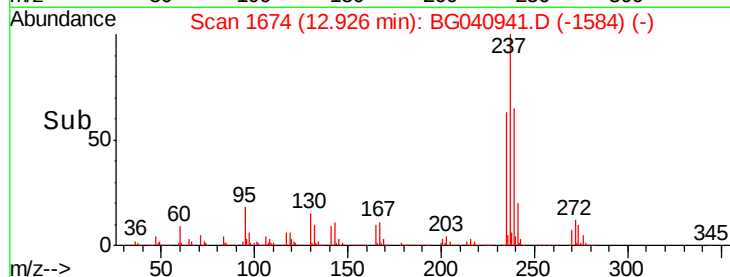
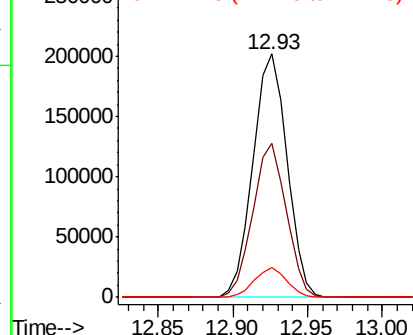
237 100

235 63.2 45.5 85.5

272 12.2 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 171.241 ng

RT: 16.25 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

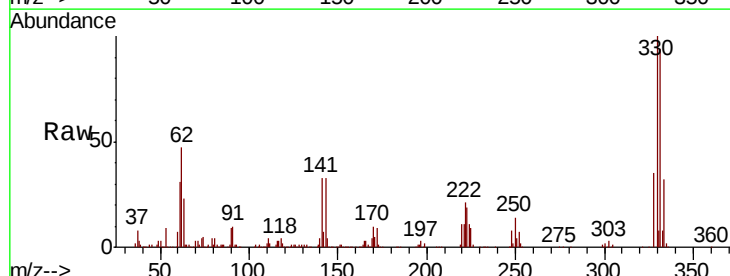
Tgt Ion:330 Resp: 432107

Ion Ratio Lower Upper

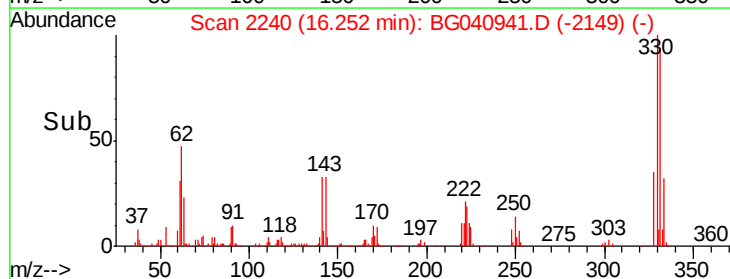
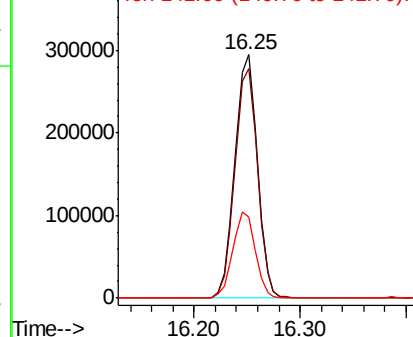
330 100

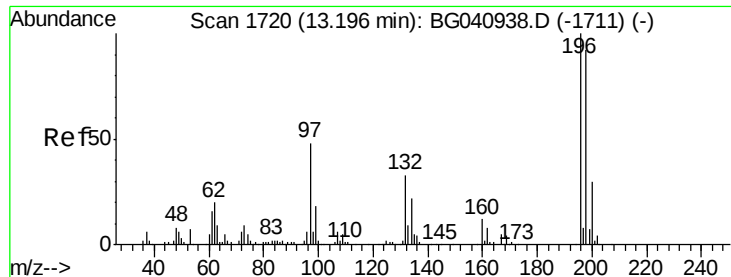
332 95.1 78.5 117.7

141 35.4 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

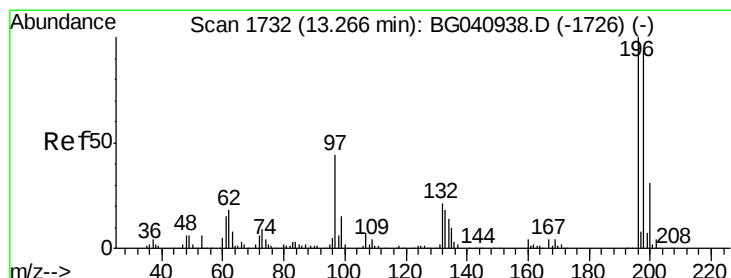
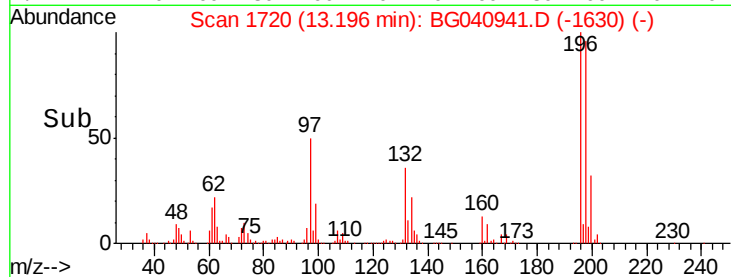
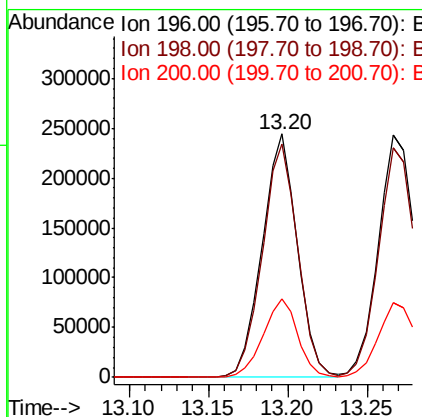
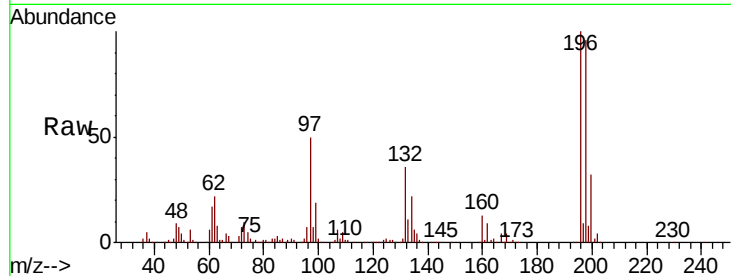




#43
 2,4,6-Trichlorophenol
 Concen: 91.190 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

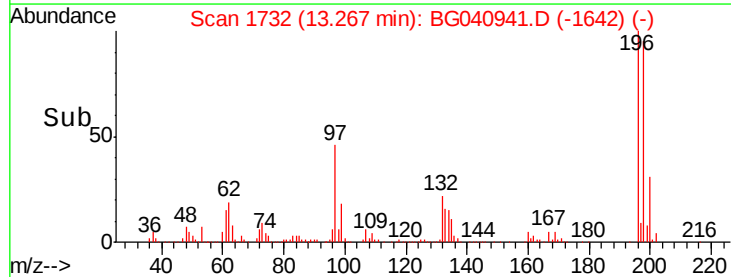
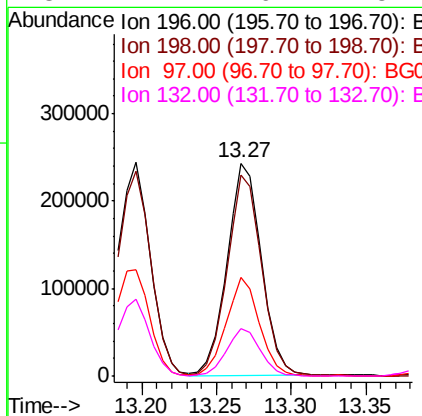
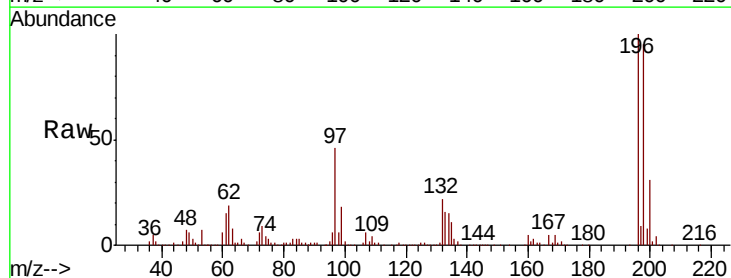
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

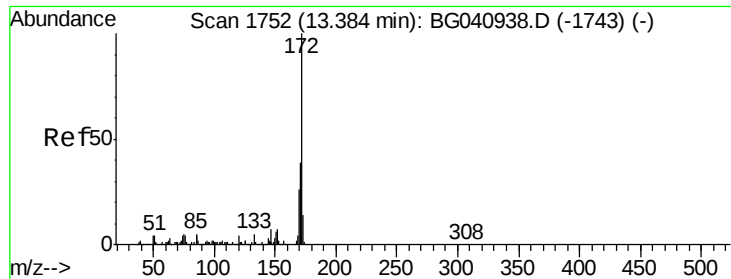
Tot Ion:196 Resp: 376871
 Ion Ratio Lower Upper
 196 100
 198 95.7 73.8 110.6
 200 32.1 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 86.862 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

Tgt Ion:196 Resp: 391061
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.1 112.7
 97 46.1 35.6 53.4
 132 22.4 16.7 25.1

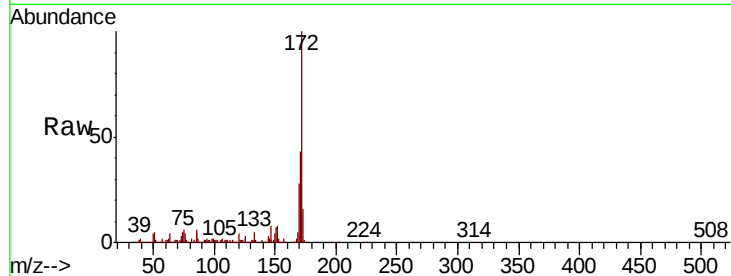




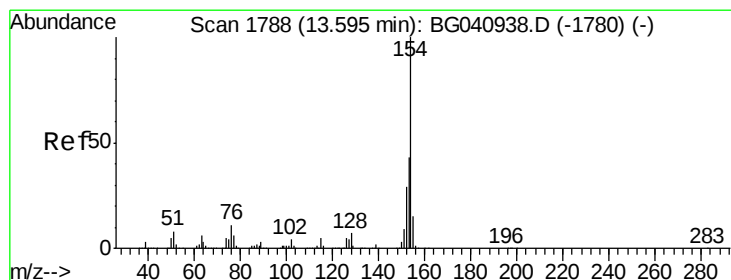
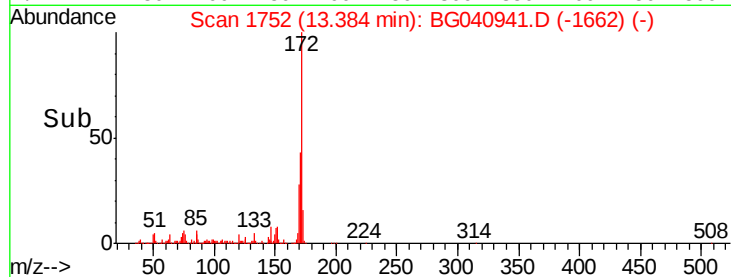
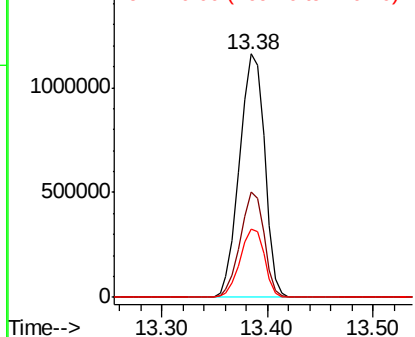
#45
2-Fluorobiphenyl
Concen: 150.709 ng
RT: 13.38 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion:172 Resp: 1915780
Ion Ratio Lower Upper
172 100
171 43.1 31.1 46.7
170 28.2 20.5 30.7

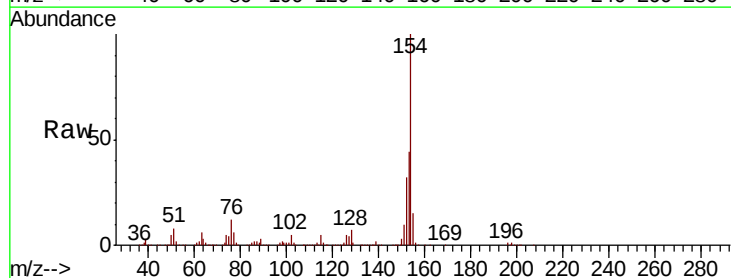


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

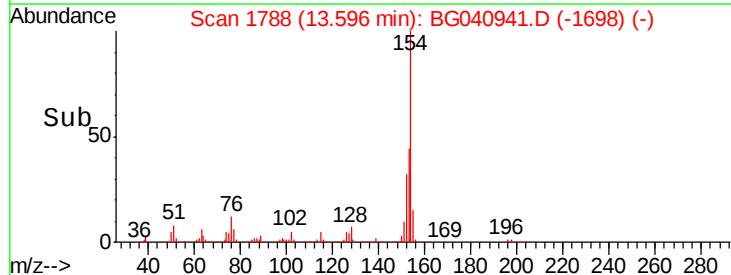
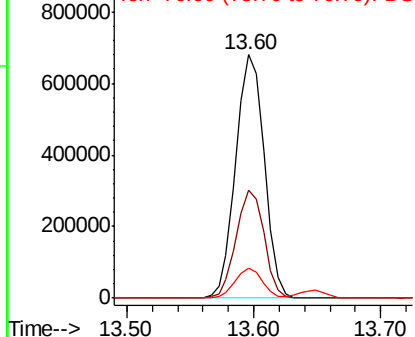


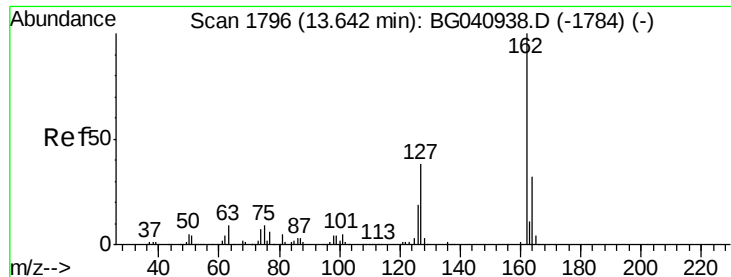
#46
1,1'-Biphenyl
Concen: 74.292 ng
RT: 13.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Tgt Ion:154 Resp: 1058918
Ion Ratio Lower Upper
154 100
153 44.3 23.3 63.3
76 12.3 0.0 31.1



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

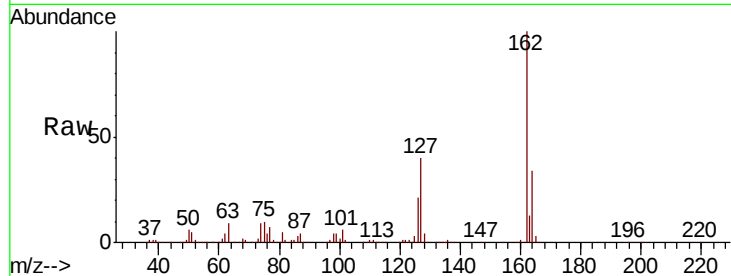




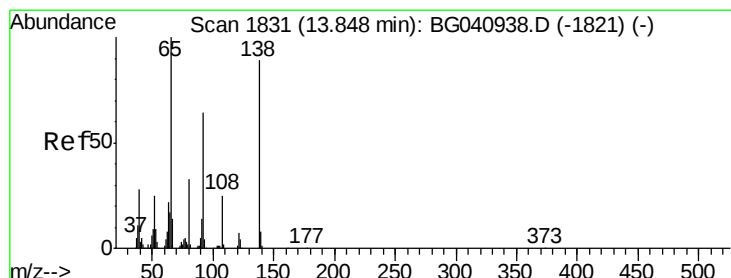
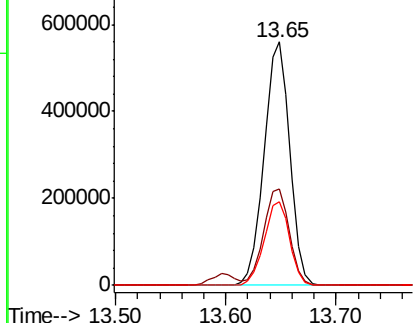
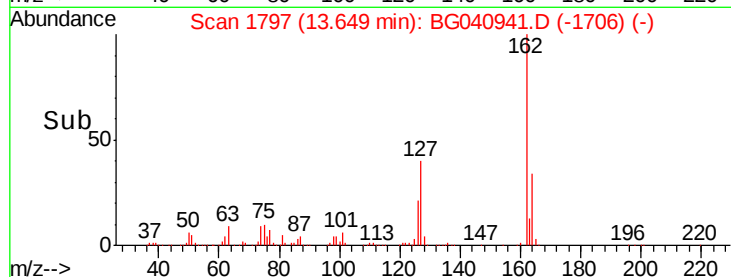
#47
2-Chloronaphthalene
Concen: 81.596 ng
RT: 13.65 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	30.5	45.7
164	34.2	25.8	38.6

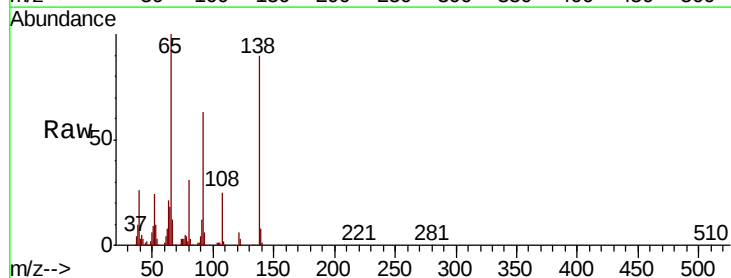


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

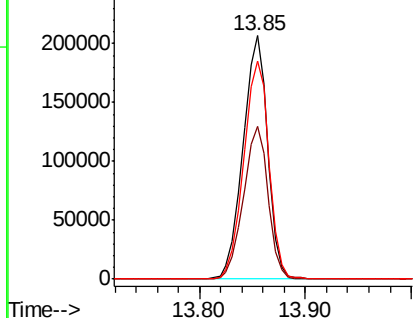
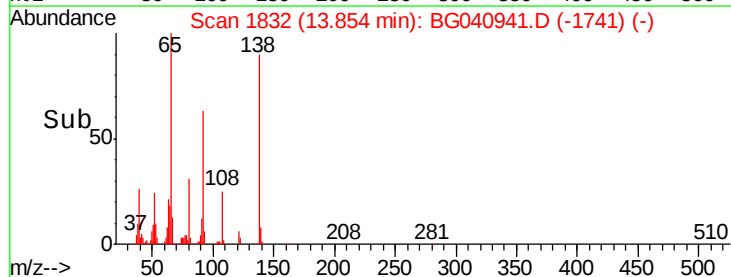


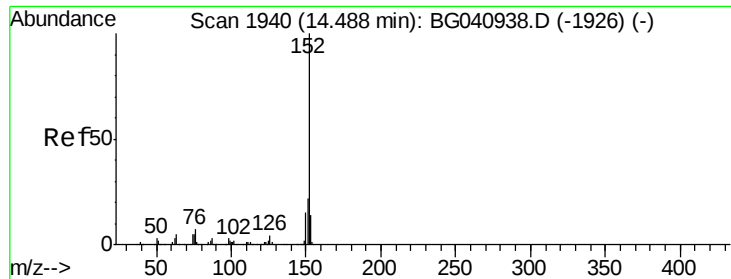
#48
2-Nitroaniline
Concen: 84.317 ng
RT: 13.85 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	51.0	76.6
138	89.8	71.2	106.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 69.880 ng

RT: 14.49 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

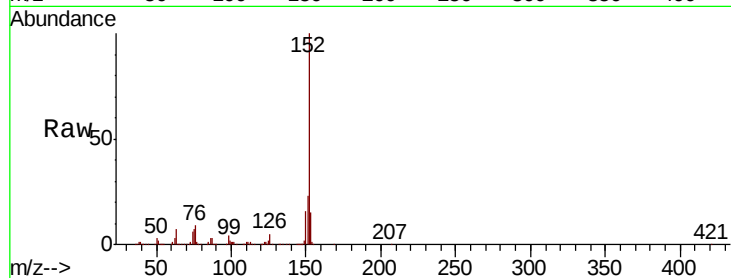
Tot Ion:152 Resp: 1322490

Ion	Ratio	Lower	Upper
152	100		
151	23.1	17.4	26.0
153	15.1	11.0	16.4

152 100

151 23.1 17.4 26.0

153 15.1 11.0 16.4

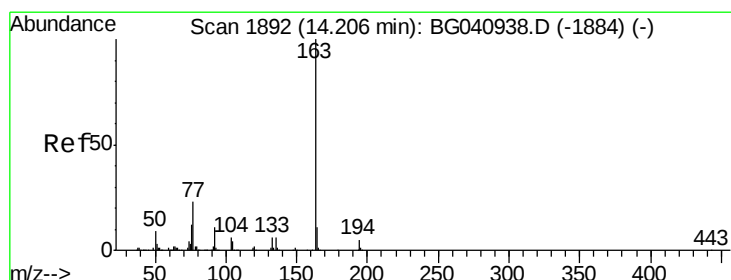
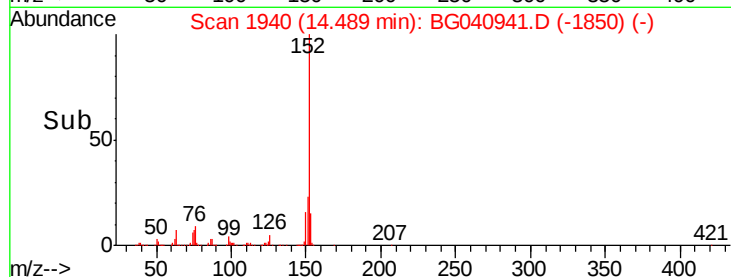
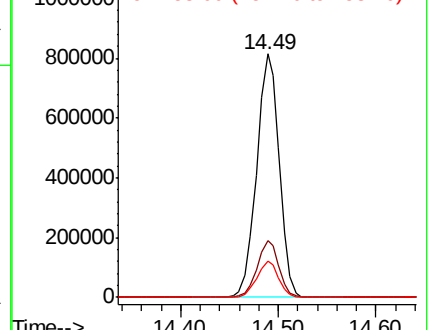


Abundance

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: 76.759 ng

RT: 14.21 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

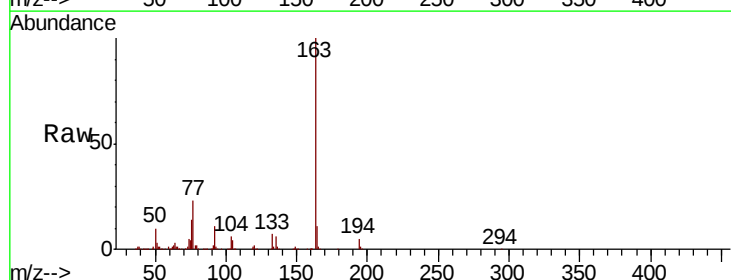
Tgt Ion:163 Resp: 1179017

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.8
164	11.3	8.7	13.1

163 100

194 5.3 3.8 5.8

164 11.3 8.7 13.1

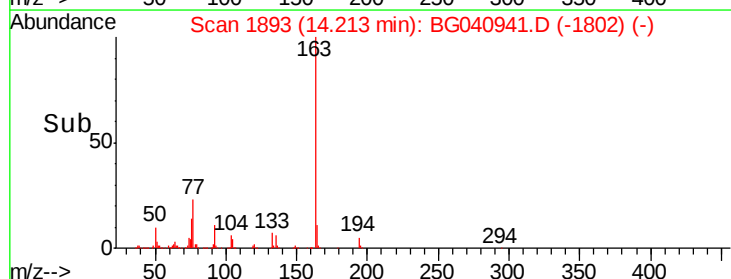
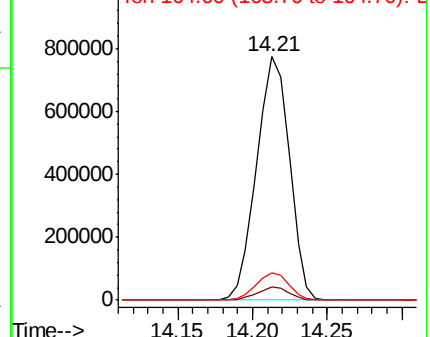


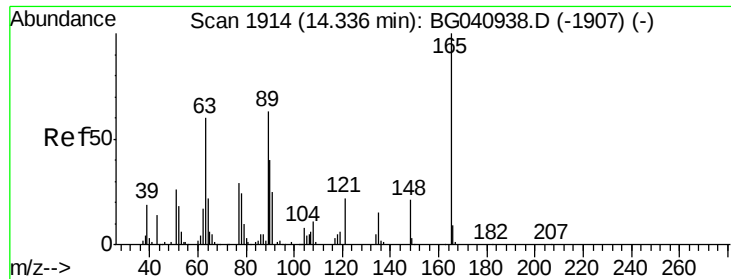
Abundance

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

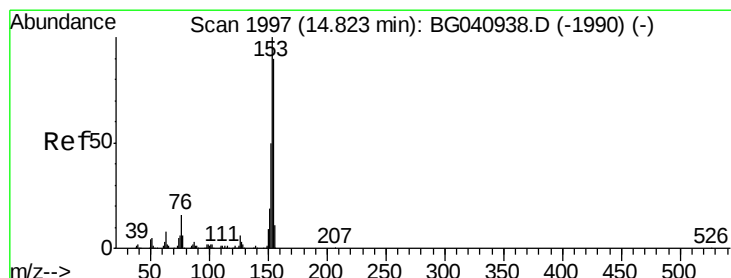
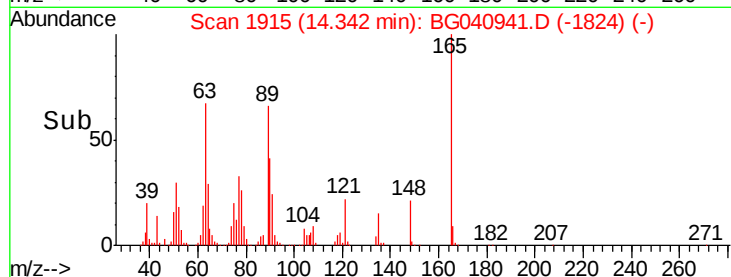
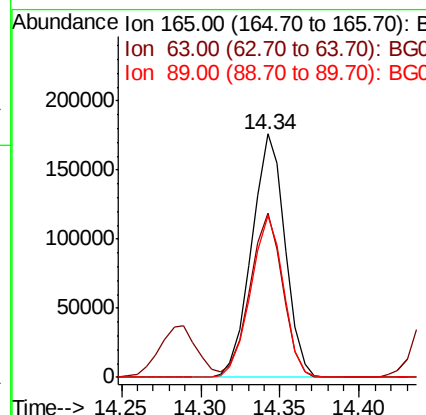
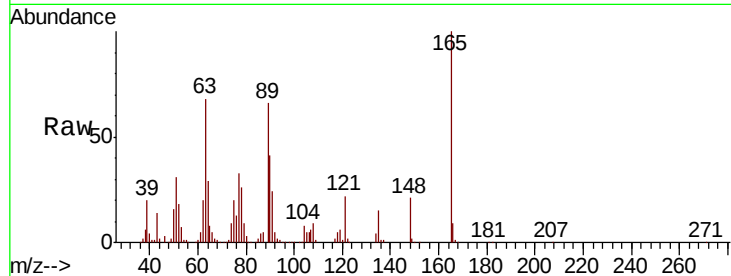




#51
 2,6-Dinitrotoluene
 Concen: 85.932 ng
 RT: 14.34 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

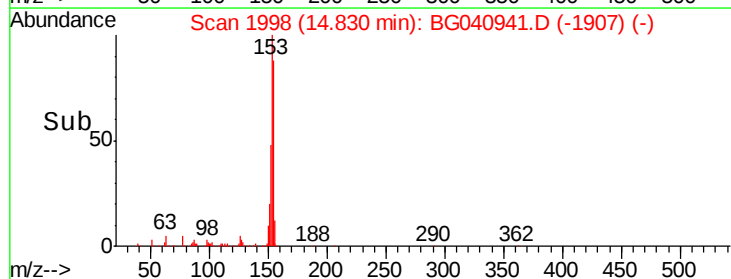
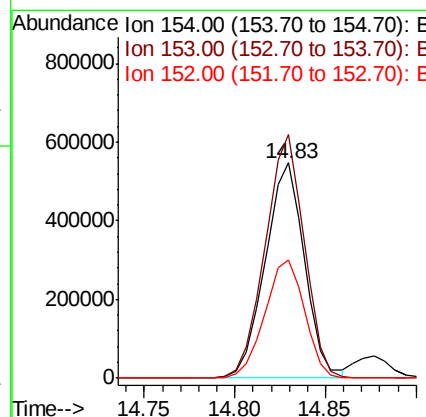
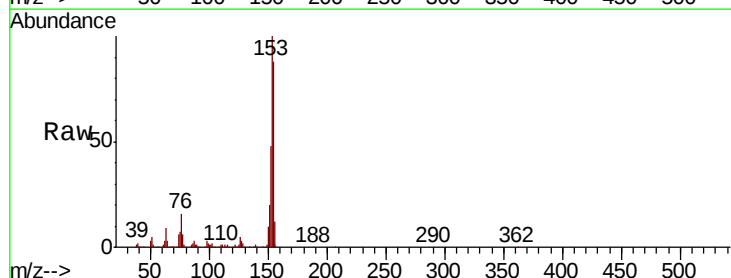
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion:165 Resp: 257608
 Ion Ratio Lower Upper
 165 100
 63 67.7 53.6 80.4
 89 66.2 50.4 75.6



#52
 Acenaphthene
 Concen: 75.390 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

Tgt Ion:154 Resp: 830902
 Ion Ratio Lower Upper
 154 100
 153 113.1 88.6 133.0
 152 54.8 44.2 66.4





#53

3-Nitroaniline

Concen: 84.672 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

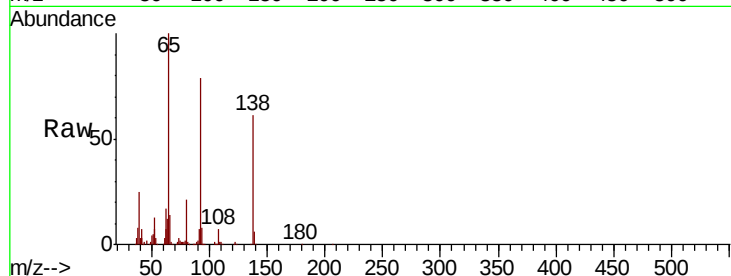
Tot Ion:138 Resp: 260079

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

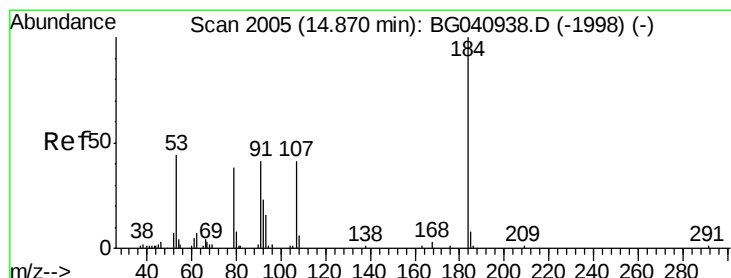
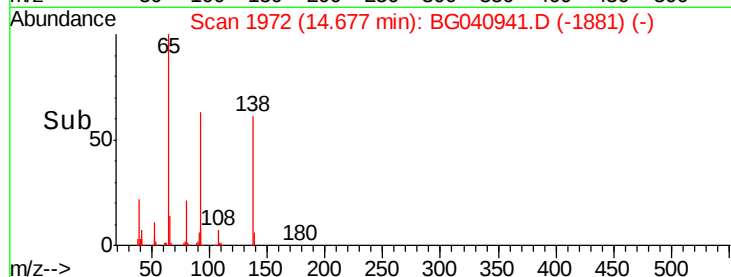
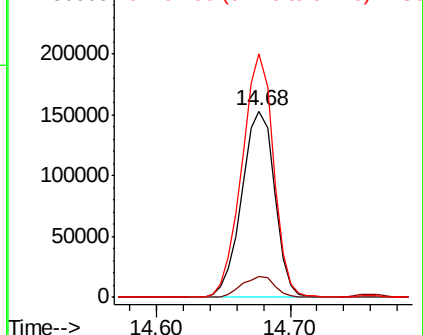
92 130.7 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 91.973 ng

RT: 14.88 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

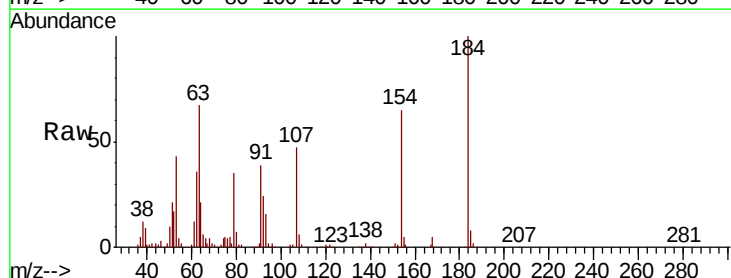
Tgt Ion:184 Resp: 135890

Ion Ratio Lower Upper

184 100

63 66.9 49.8 74.6

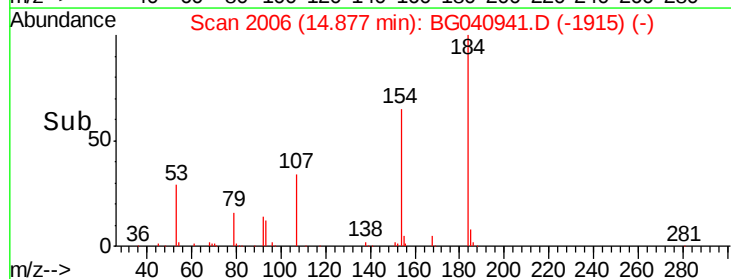
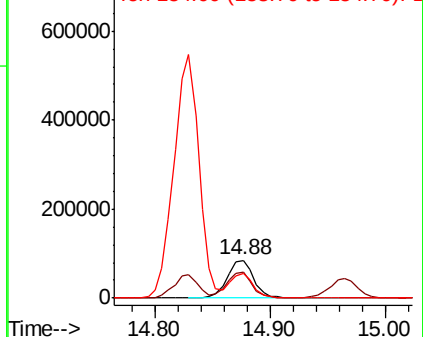
154 65.4 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 74.241 ng

RT: 15.16 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

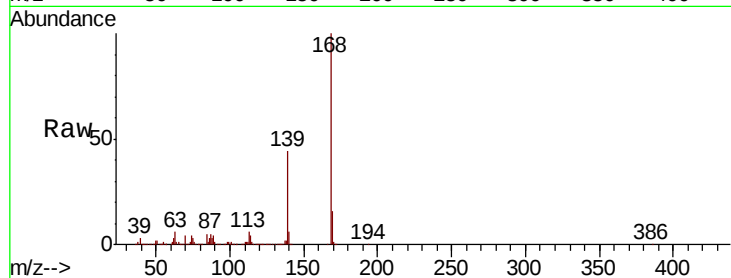
Tot Ion:168 Resp: 1340208

Ion Ratio Lower Upper

168 100

139 43.8 32.8 49.2

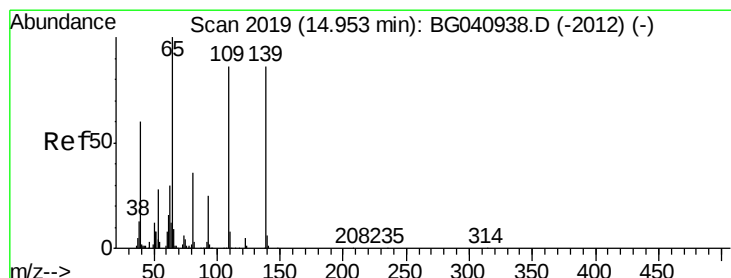
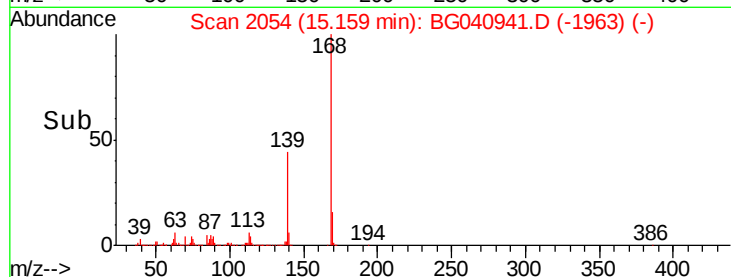
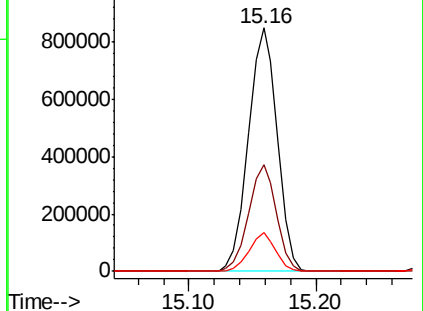
169 15.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 71.747 ng

RT: 14.96 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

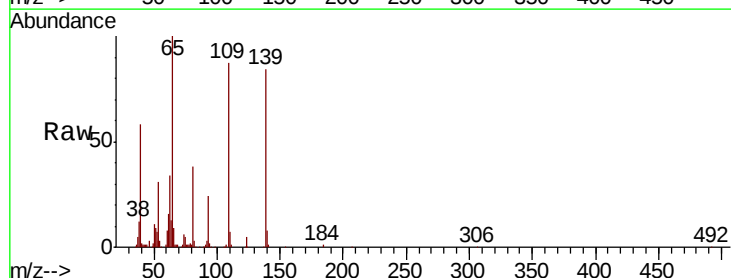
Tgt Ion:139 Resp: 191092

Ion Ratio Lower Upper

139 100

109 103.1 79.6 119.6

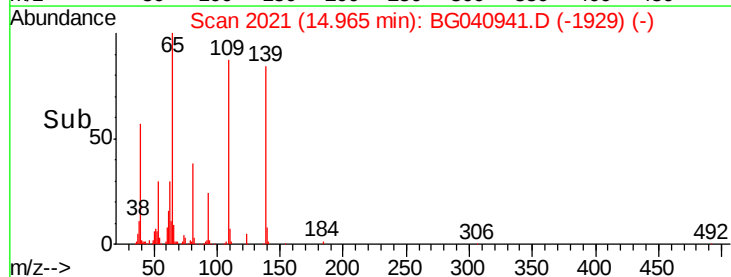
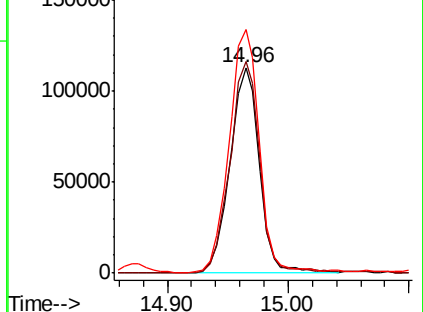
65 118.6 96.9 136.9

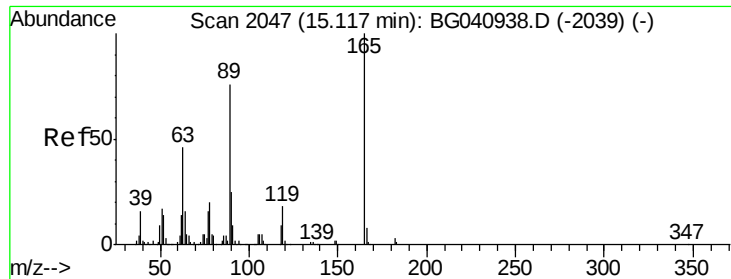


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

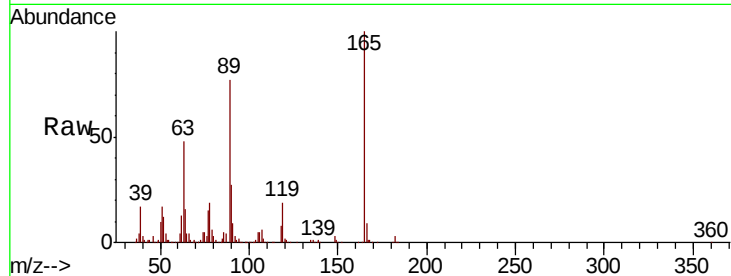




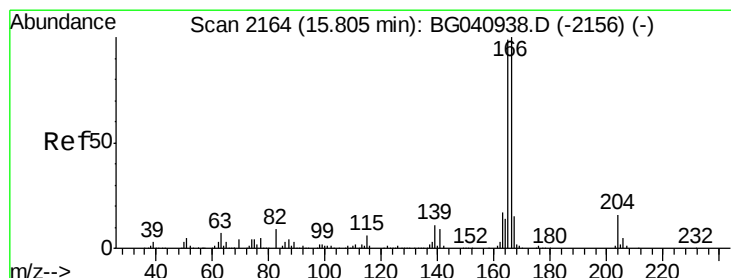
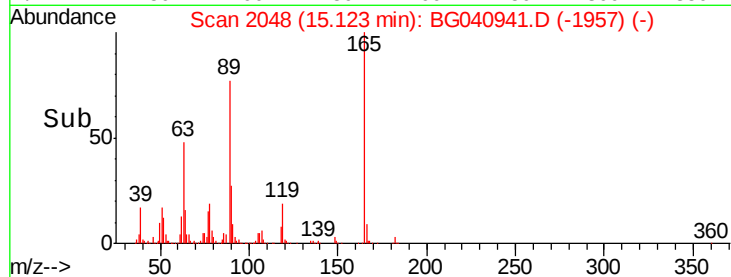
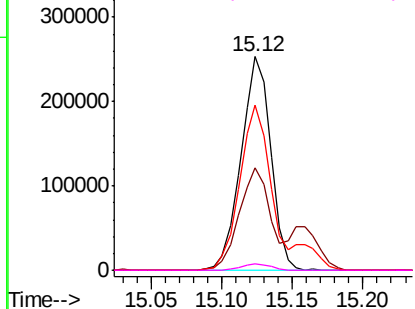
#57
2,4-Dinitrotoluene
Concen: 91.476 ng
RT: 15.12 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion:165 Resp: 372631
Ion Ratio Lower Upper
165 100
63 47.7 37.3 55.9
89 77.1 61.0 91.6
182 3.0 2.2 3.2

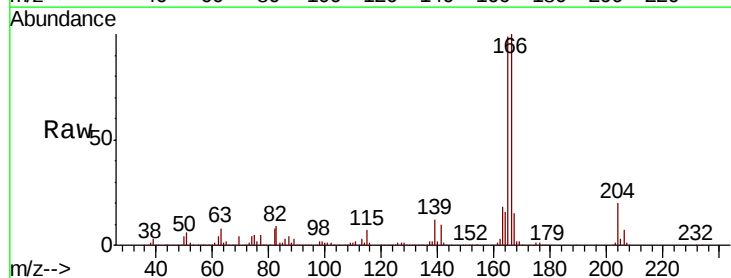


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

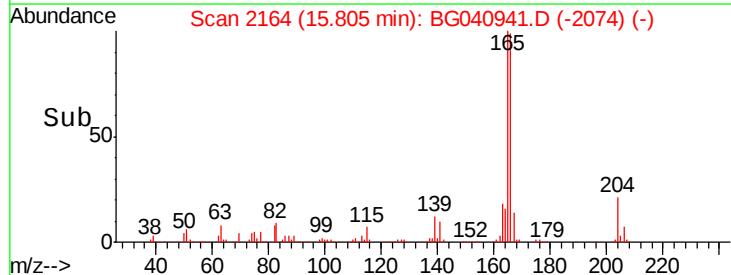
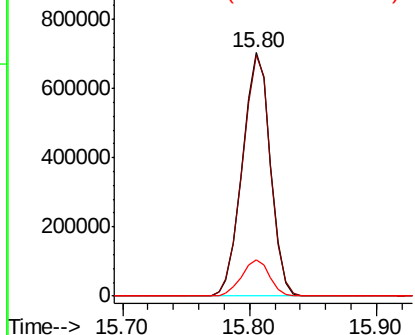


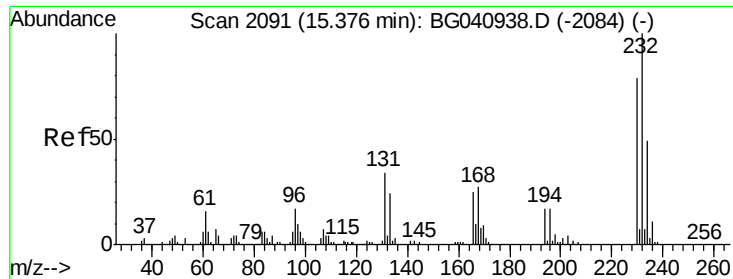
#58
Fluorene
Concen: 73.533 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Tgt Ion:166 Resp: 1072916
Ion Ratio Lower Upper
166 100
165 99.0 79.2 118.8
167 15.1 11.8 17.6



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

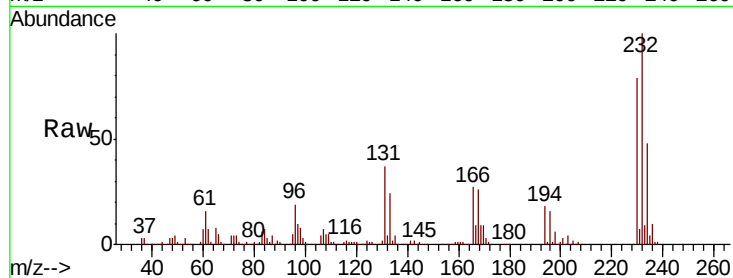




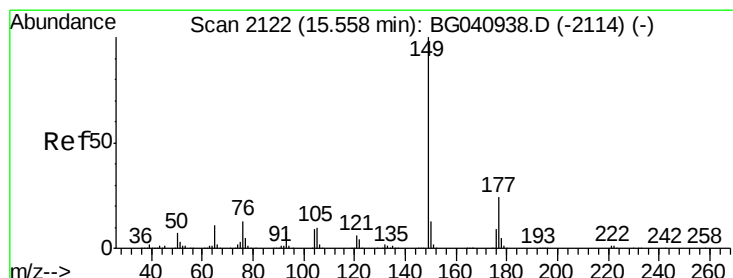
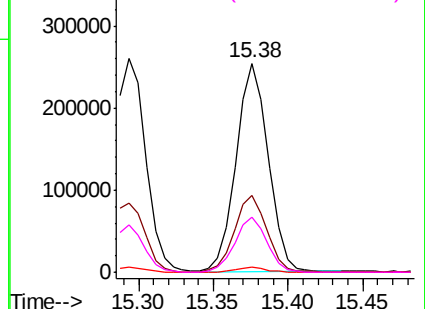
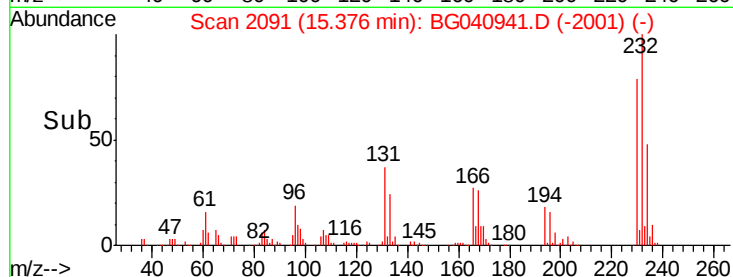
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 84.317 ng
 RT: 15.38 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Tot Ion:232	Resp:	382078
Ion	Ratio	Lower Upper
232	100	
131	36.7	30.3 45.5
130	2.3	1.8 2.8
166	26.1	21.3 31.9

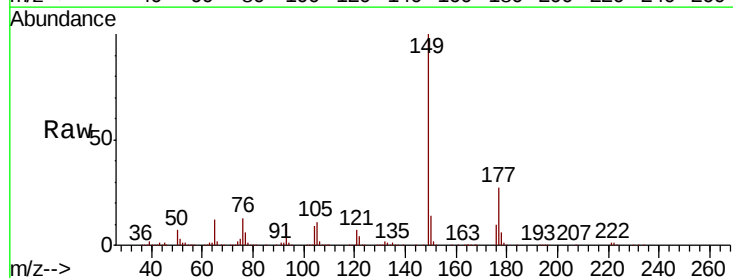


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

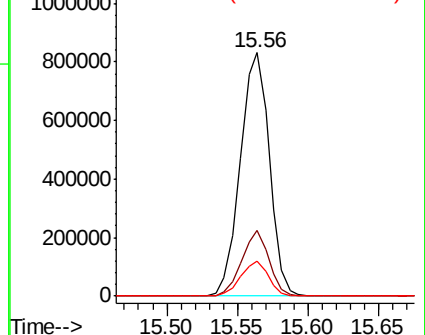
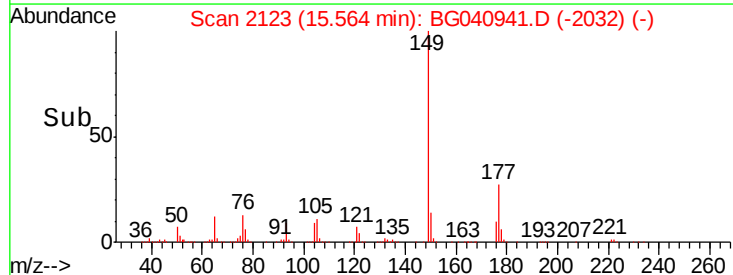


#60
 Diethylphthalate
 Concen: 73.633 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.01 min
 Lab File: BG040941.D
 Acq: 29 May 2019 17:26

Tgt Ion:149	Resp:	1193303
Ion	Ratio	Lower Upper
149	100	
177	26.8	19.4 29.0
150	14.4	10.3 15.5



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

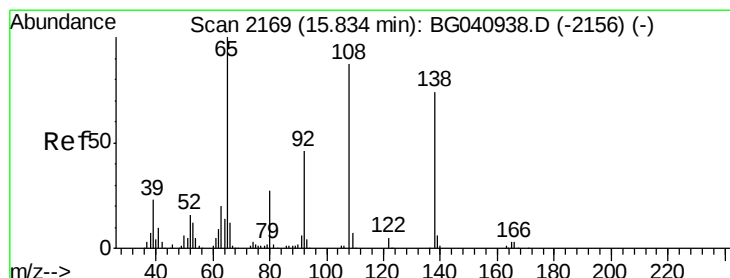
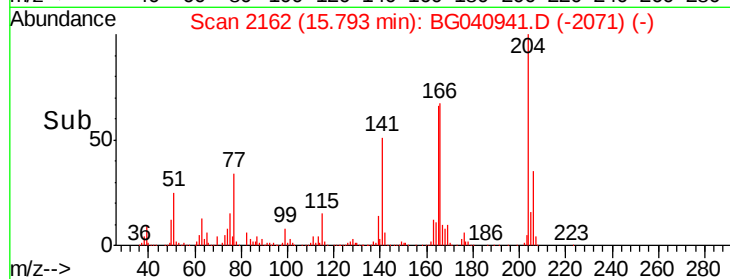
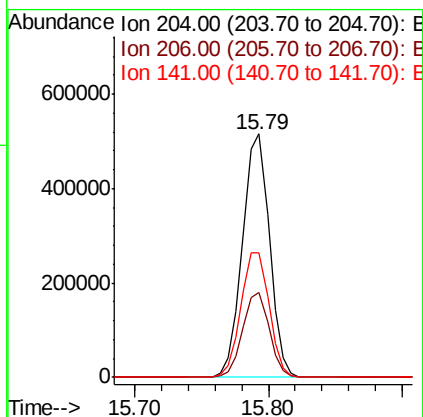
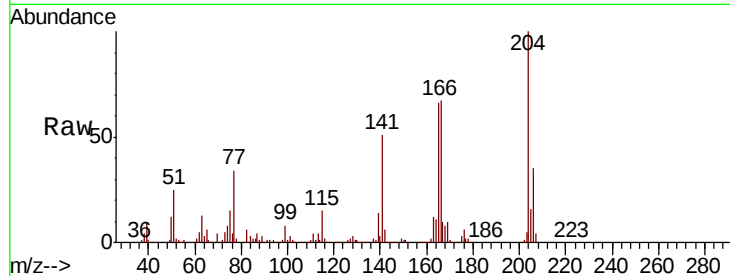




#61
4-Chlorophenyl-phenylether
Concen: 84.844 ng
RT: 15.79 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

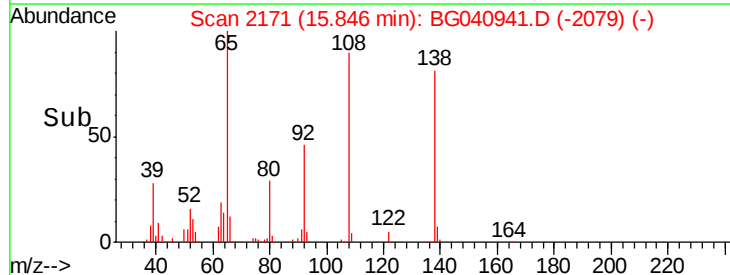
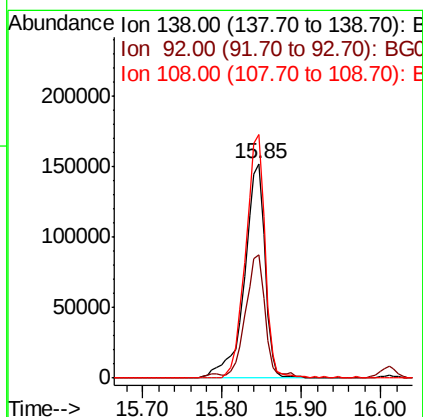
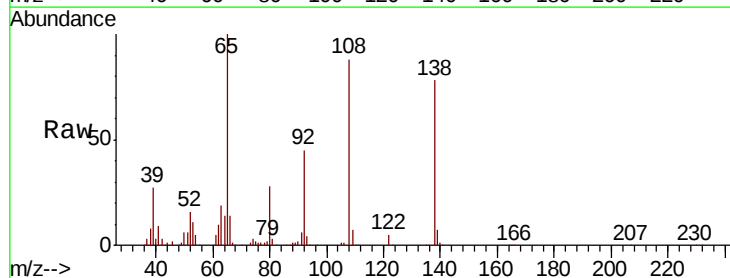
Instrument :
BNA_G
ClientSampleId :
SSTDIC080

Tot Ion:204 Resp: 720001
Ion Ratio Lower Upper
204 100
206 35.0 27.6 41.4
141 51.1 45.1 67.7



#62
4-Nitroaniline
Concen: 79.569 ng
RT: 15.85 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Tgt Ion:138 Resp: 273394
Ion Ratio Lower Upper
138 100
92 57.3 42.4 82.4
108 113.6 96.9 136.9





#63

Azobenzene

Concen: 65.278 ng

RT: 16.09 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tot Ion: 77 Resp: 1089475

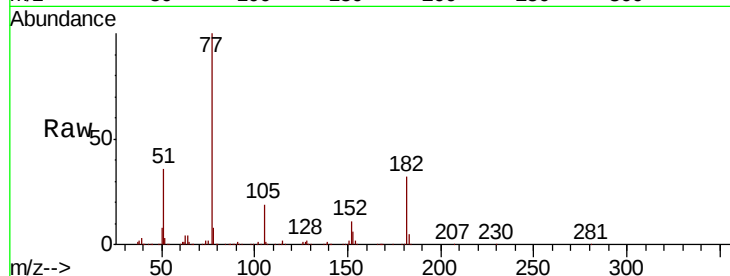
Ion	Ratio	Lower	Upper
77	100		
182	32.1	9.6	49.6
105	19.4	0.0	37.5
51	36.2	13.7	53.7

77 100

182 32.1 9.6 49.6

105 19.4 0.0 37.5

51 36.2 13.7 53.7

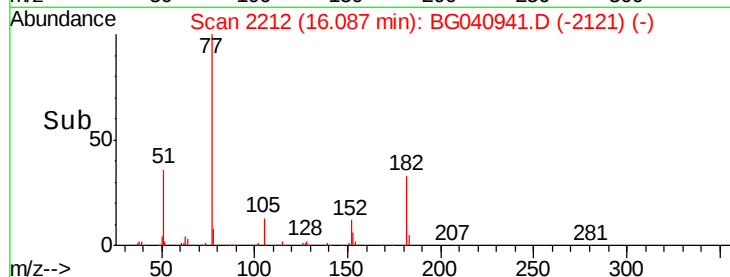
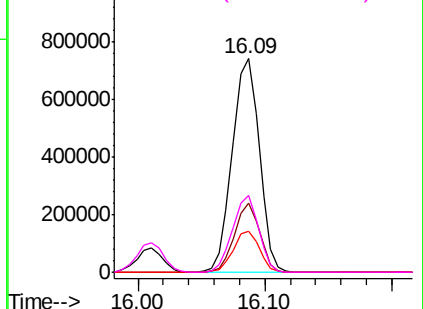


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.50 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

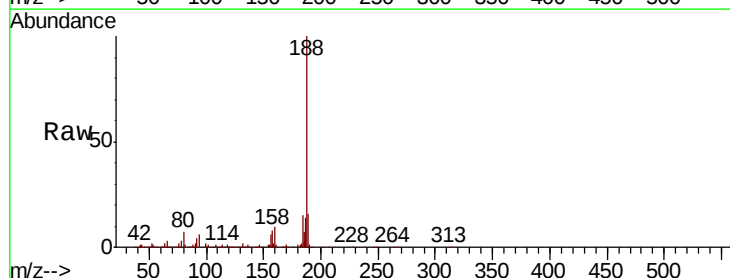
Tgt Ion: 188 Resp: 437043

Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.7	7.1
80	6.6	5.8	8.8

188 100

94 6.2 4.7 7.1

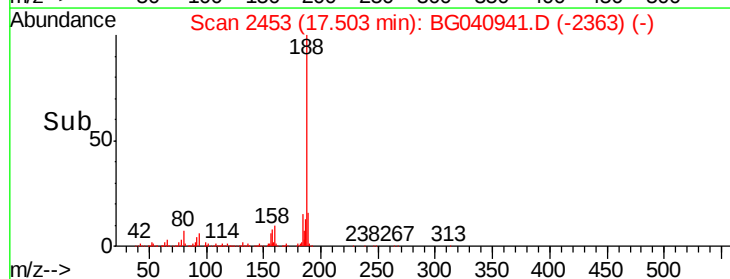
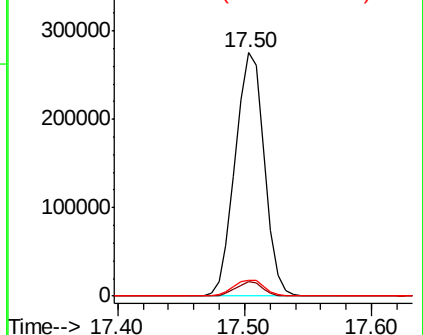
80 6.6 5.8 8.8

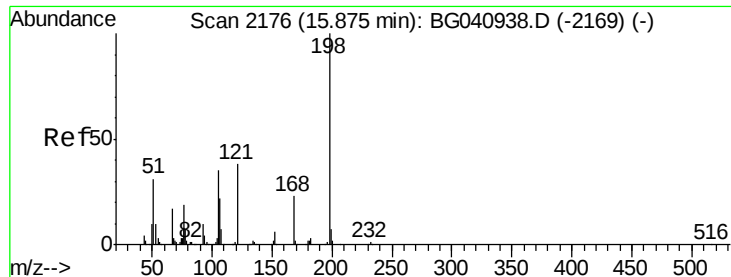


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 101.492 ng

RT: 15.88 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

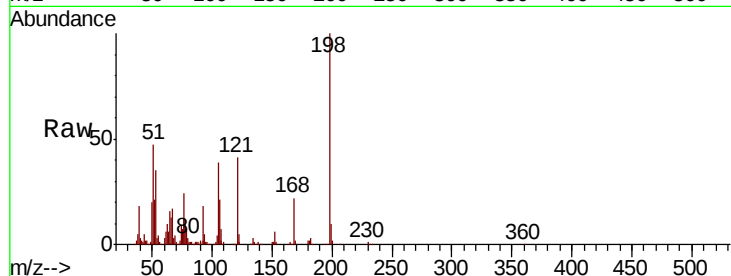
BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:198 Resp: 204139

Ion	Ratio	Lower	Upper
198	100		
51	46.7	21.6	61.6
105	38.9	17.5	57.5

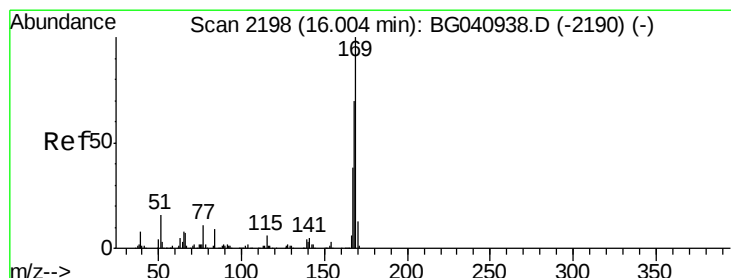
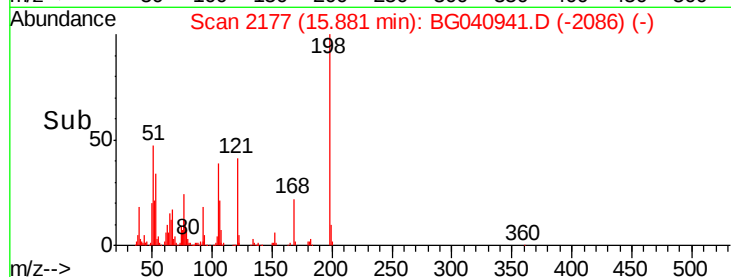
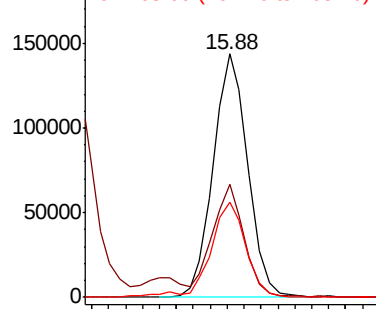


Abundance

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: 75.960 ng

RT: 16.01 min Scan# 2199

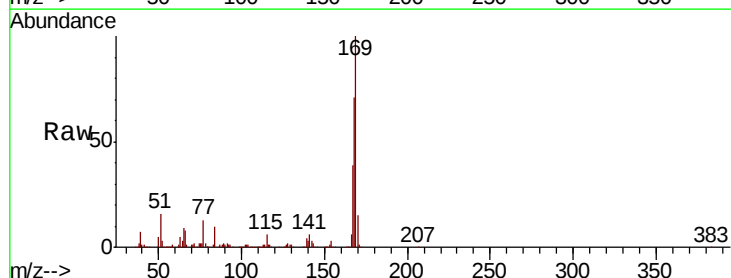
Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Tgt Ion:169 Resp: 976719

Ion	Ratio	Lower	Upper
169	100		
168	71.3	55.7	83.5
167	39.1	30.2	45.2

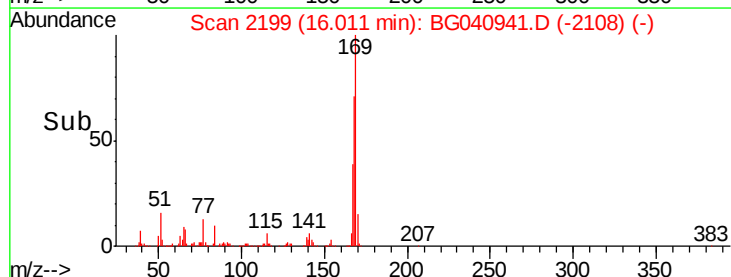
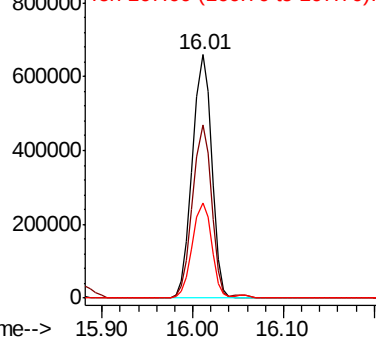


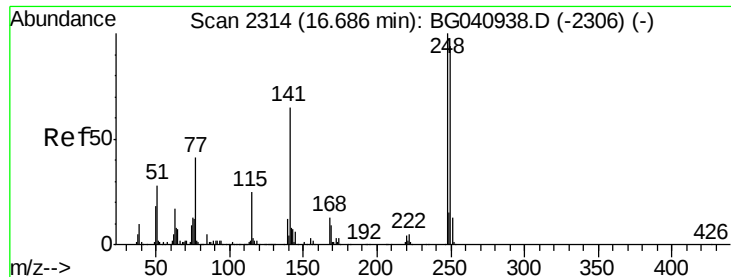
Abundance

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: 87.988 ng

RT: 16.69 min Scan# 2314

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

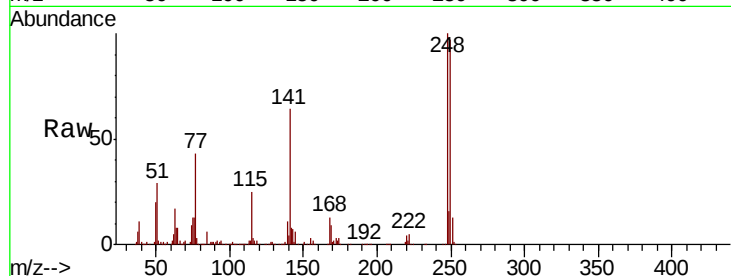
Tot Ion:248 Resp: 479087

Ion Ratio Lower Upper

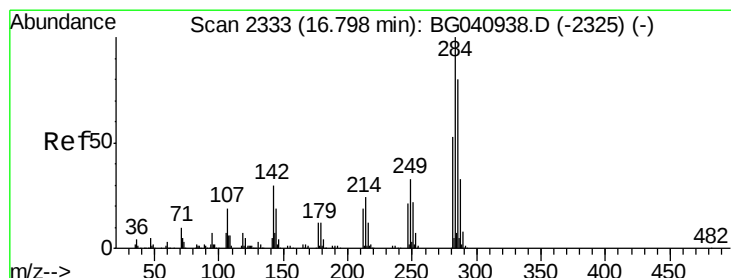
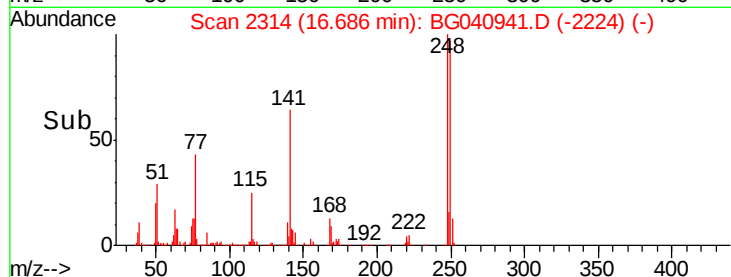
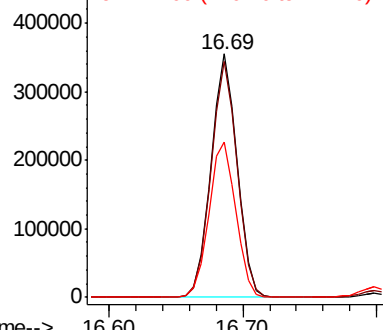
248 100

250 97.1 75.0 112.4

141 63.6 52.4 78.6



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: 90.276 ng

RT: 16.80 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

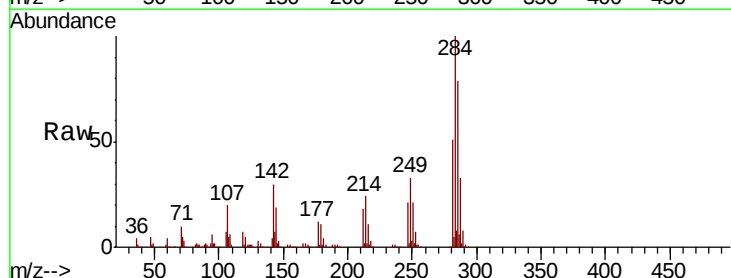
Tgt Ion:284 Resp: 508264

Ion Ratio Lower Upper

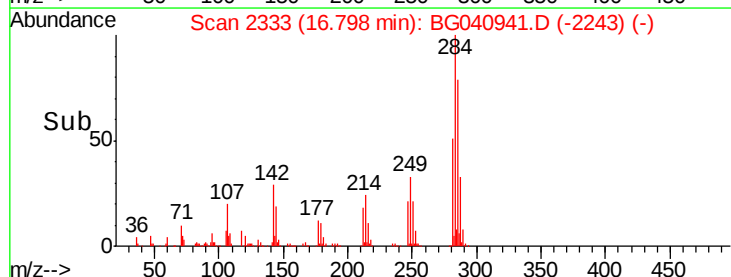
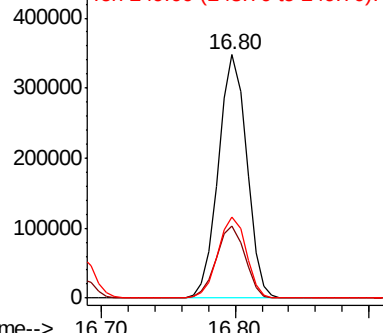
284 100

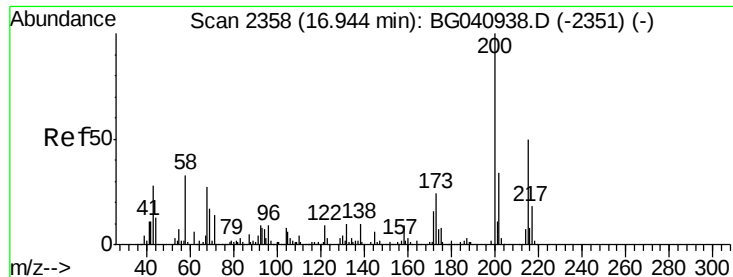
142 29.6 23.9 35.9

249 33.2 26.8 40.2



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: 64.396 ng

RT: 16.94 min Scan# 2358

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

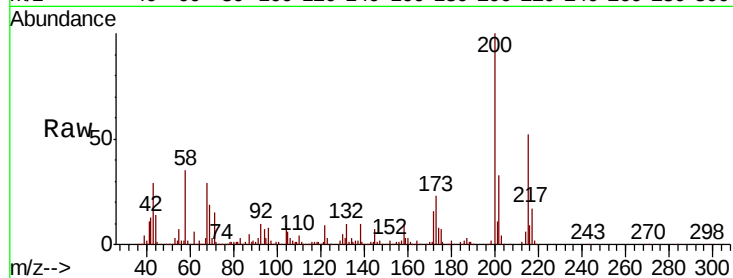
Tot Ion:200 Resp: 328058

Ion Ratio Lower Upper

200 100

173 22.9 3.6 43.6

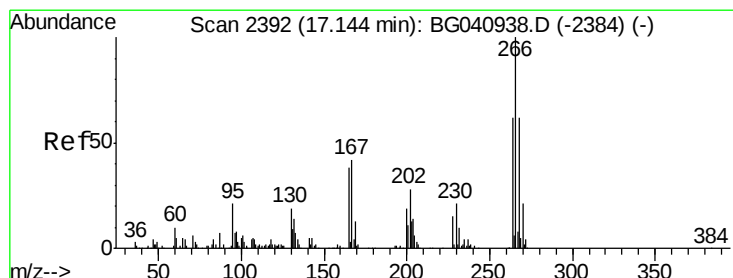
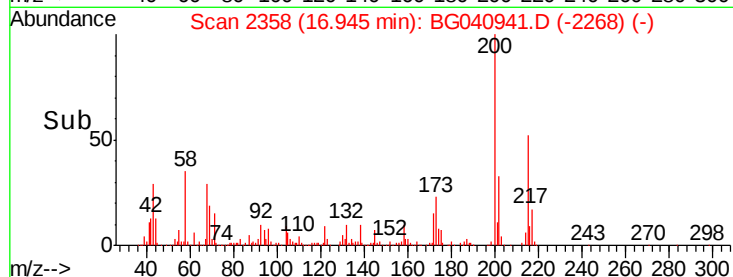
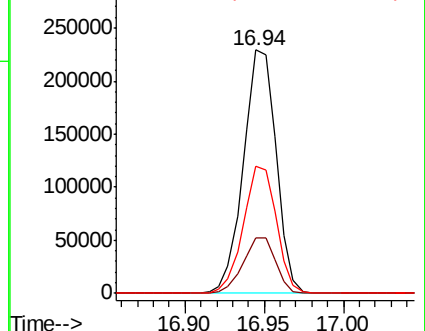
215 52.0 29.6 69.6



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: 81.641 ng

RT: 17.14 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

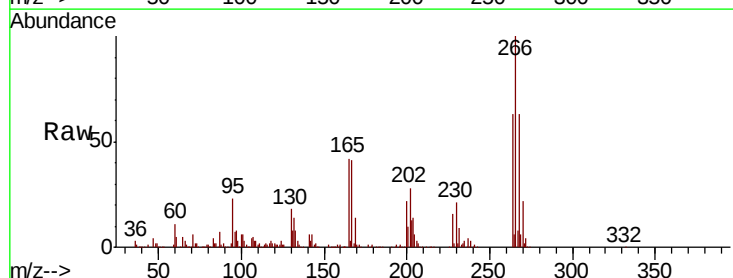
Tgt Ion:266 Resp: 268972

Ion Ratio Lower Upper

266 100

268 62.7 53.1 79.7

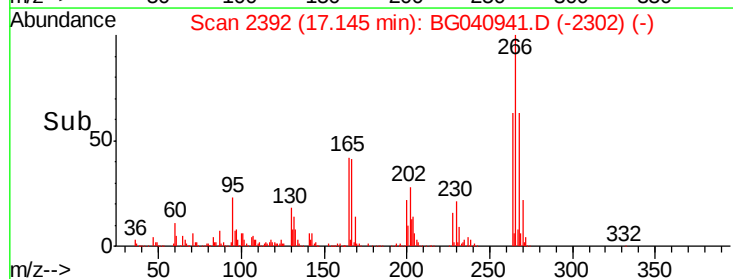
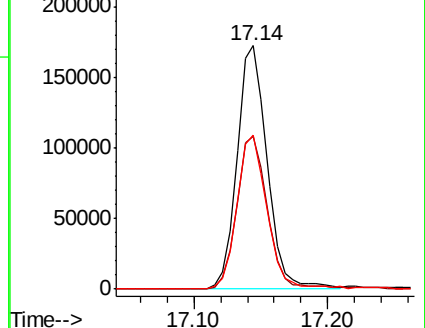
264 63.2 49.9 74.9

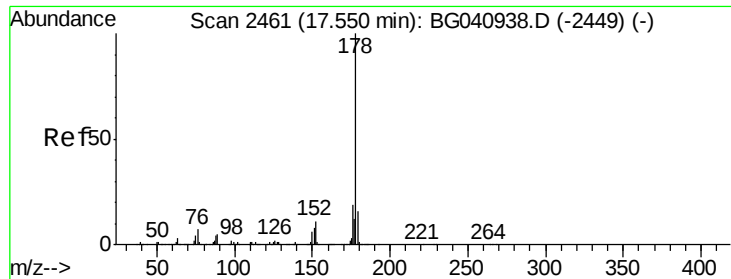


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 73.062 ng

RT: 17.55 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

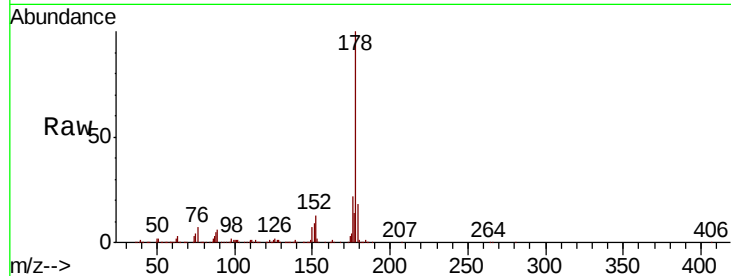
Tot Ion:178 Resp: 1719902

Ion Ratio Lower Upper

178 100

176 22.0 15.5 23.3

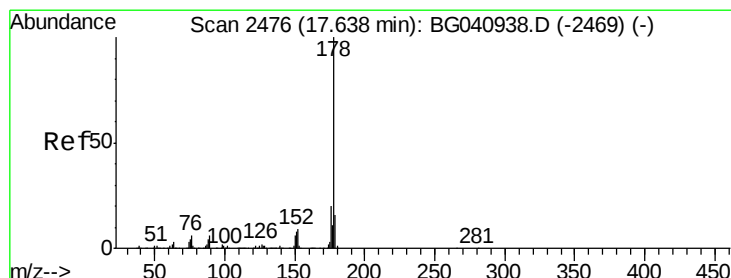
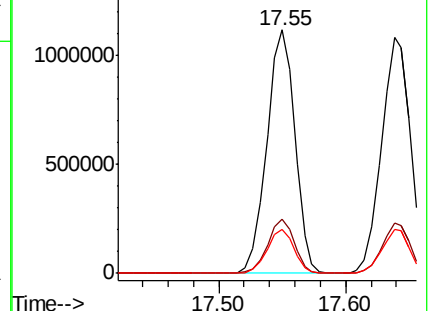
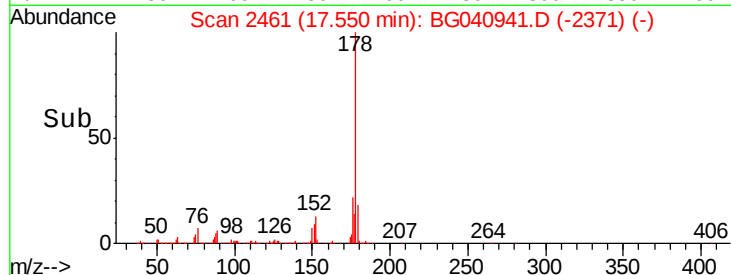
179 18.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

1500000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 72.480 ng

RT: 17.64 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

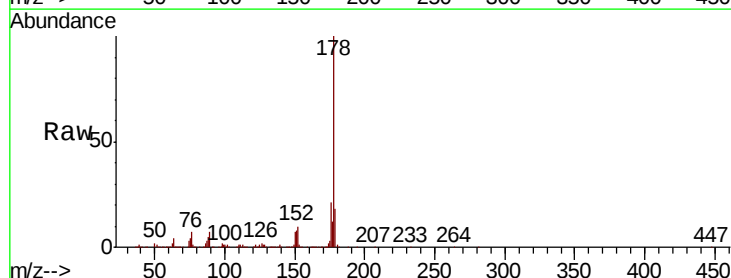
Tgt Ion:178 Resp: 1715021

Ion Ratio Lower Upper

178 100

176 21.2 15.6 23.4

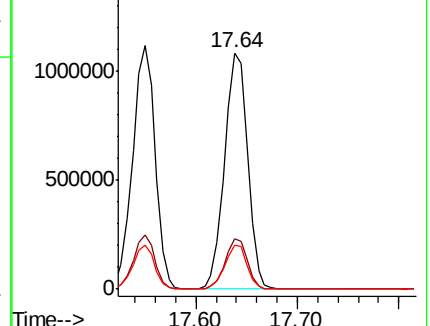
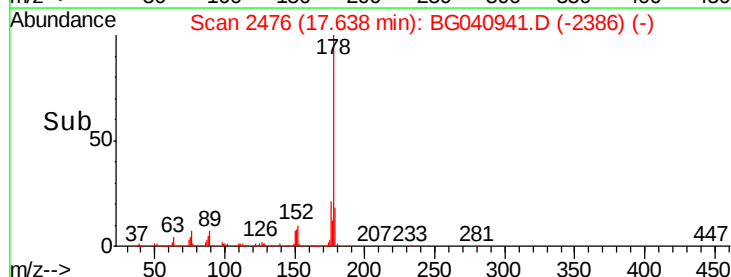
179 18.5 13.0 19.4

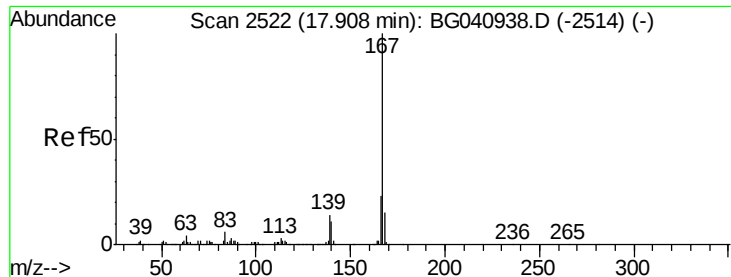


Abundance Ion 178.00 (177.70 to 178.70): E

1500000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 68.769 ng

RT: 17.91 min Scan# 2522

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

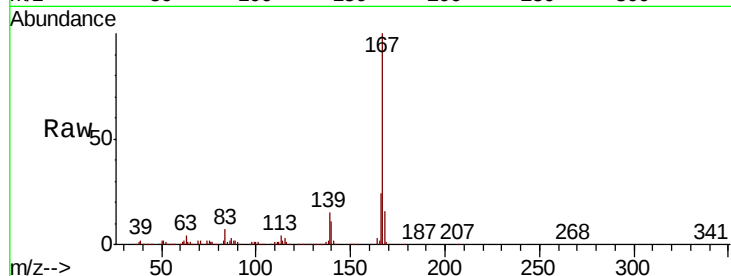
Tot Ion:167 Resp: 1482501

Ion Ratio Lower Upper

167 100

166 24.3 18.2 27.4

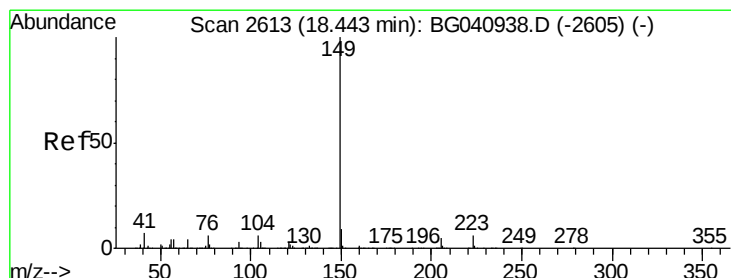
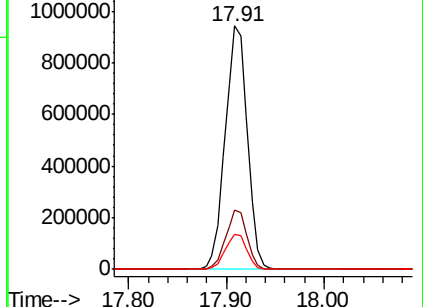
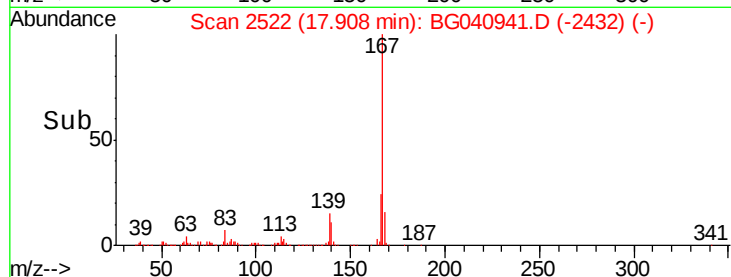
139 14.6 10.8 16.2



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: 70.181 ng

RT: 18.44 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

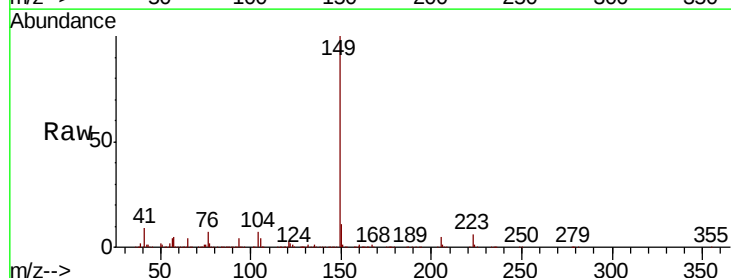
Tgt Ion:149 Resp: 1826099

Ion Ratio Lower Upper

149 100

150 11.3 7.4 11.2#

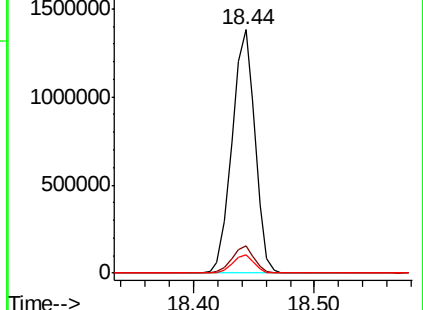
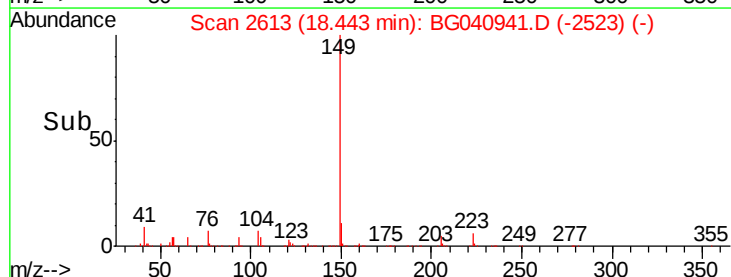
104 7.3 5.0 7.4

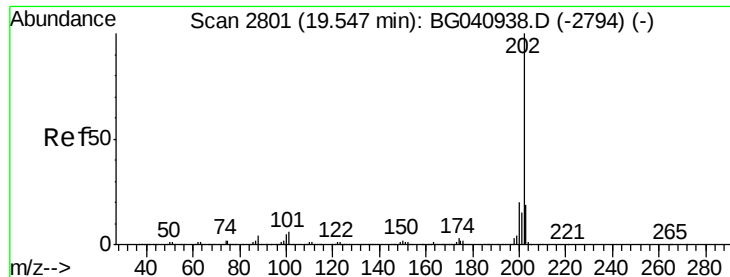


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 71.129 ng

RT: 19.55 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

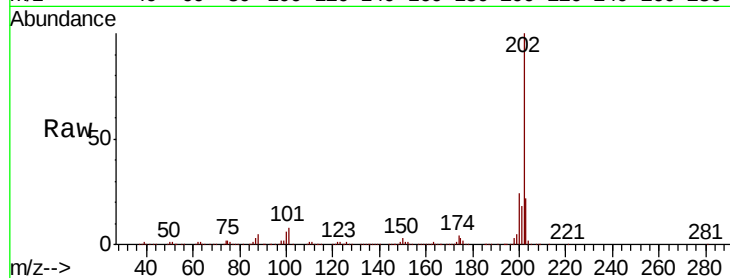
Tot Ion:202 Resp: 2086580

Ion Ratio Lower Upper

202 100

101 7.8 0.0 26.2

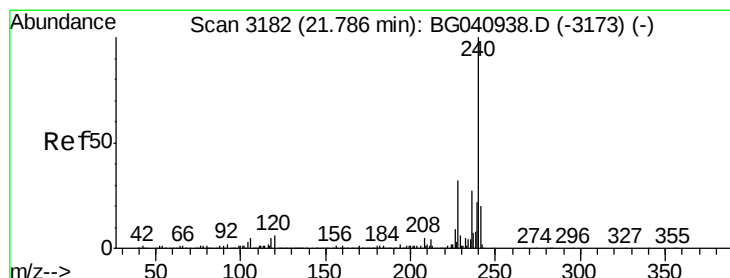
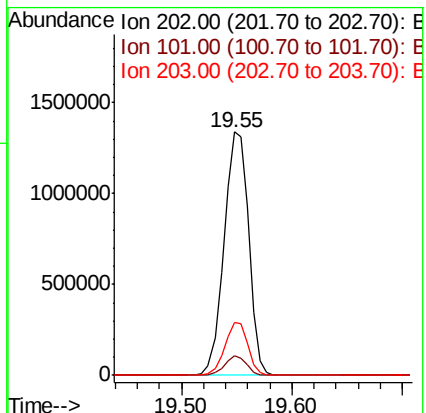
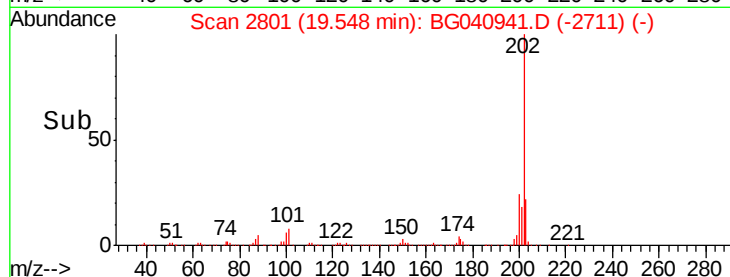
203 21.8 0.0 38.7



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: 21.79 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

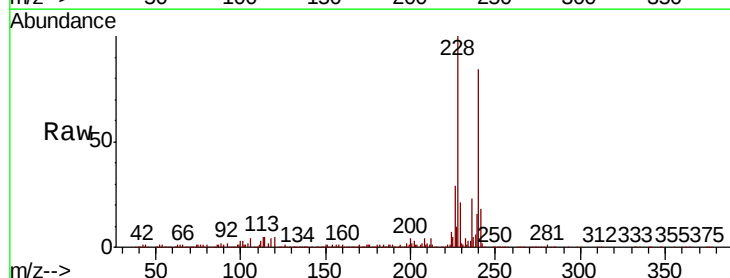
Tgt Ion:240 Resp: 419985

Ion Ratio Lower Upper

240 100

120 5.4 4.5 6.7

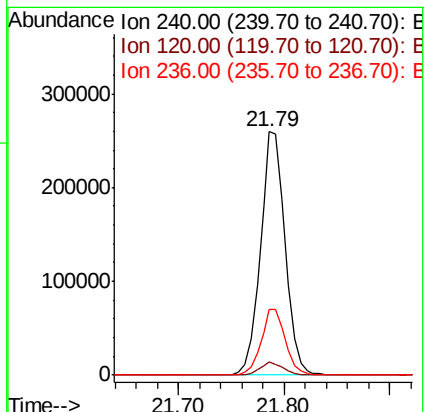
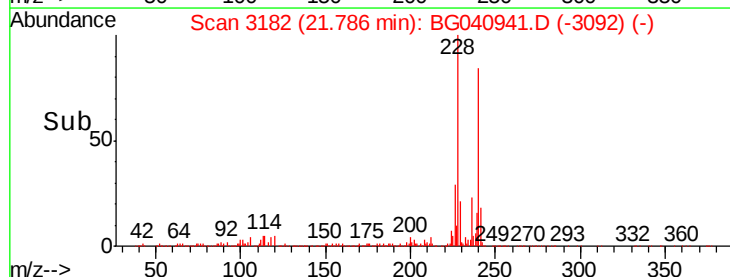
236 26.9 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.339 ng

RT: 19.73 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

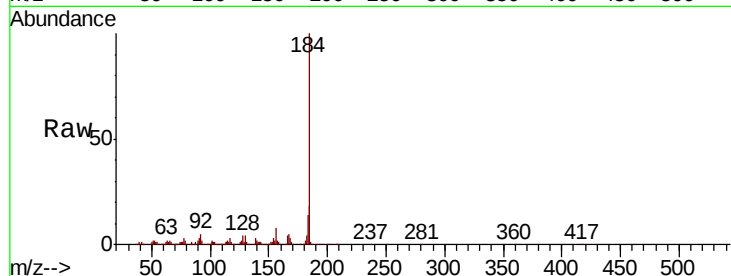
Tot Ion:184 Resp: 705363

Ion Ratio Lower Upper

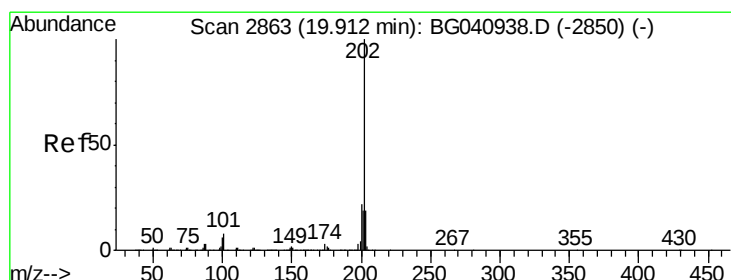
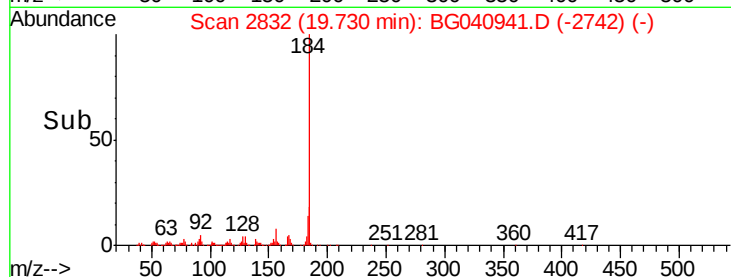
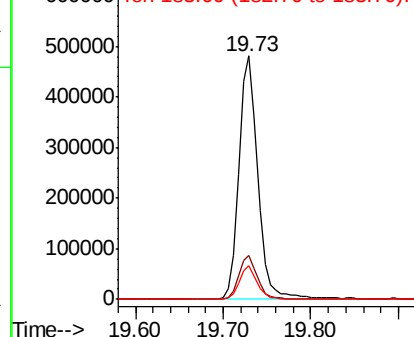
184 100

185 18.0 13.3 19.9

183 14.1 10.7 16.1



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



#78

Pyrene

Concen: 78.407 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

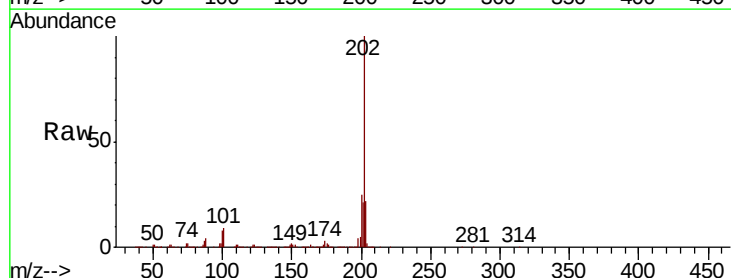
Tgt Ion:202 Resp: 2063889

Ion Ratio Lower Upper

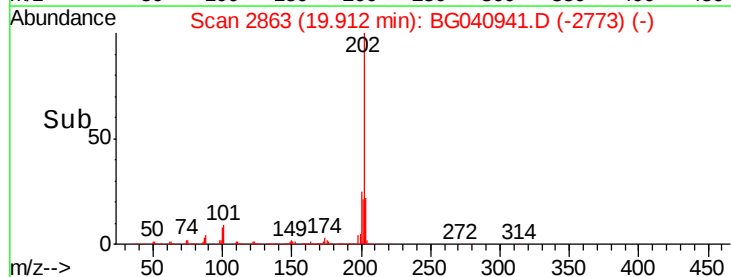
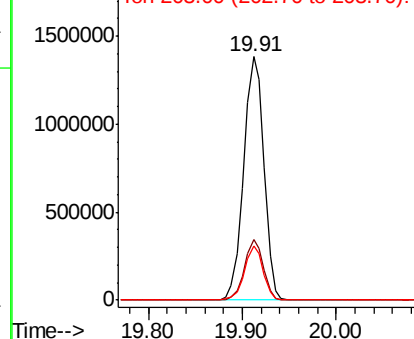
202 100

200 25.0 17.5 26.3

203 22.1 15.6 23.4



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





#79

Terphenyl-d14

Concen: 147.184 ng

RT: 20.10 min Scan# 2895

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

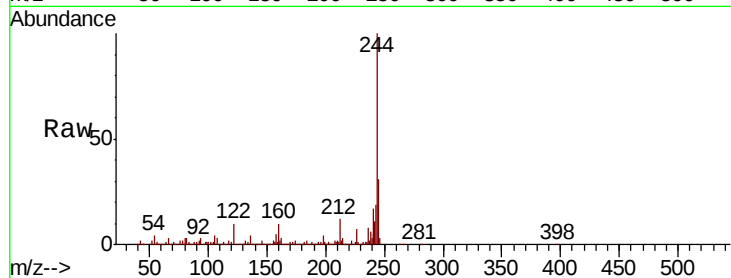
Tot Ion:244 Resp: 2790214

Ion Ratio Lower Upper

244 100

212 12.1 7.0 10.4#

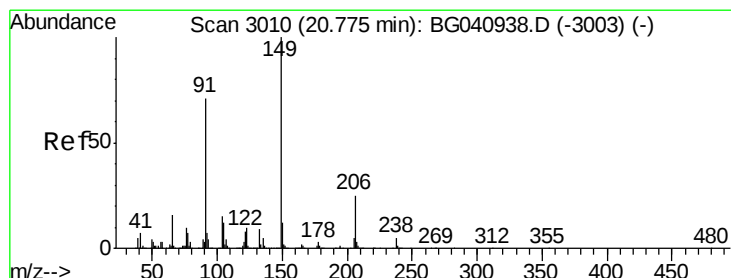
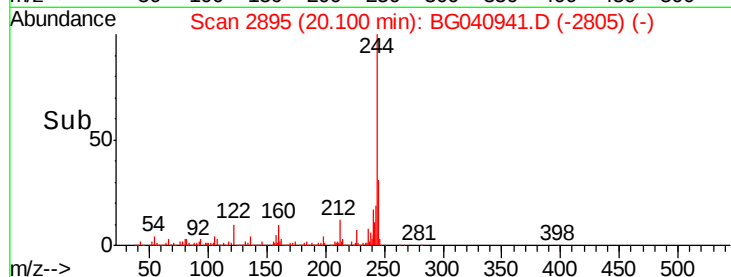
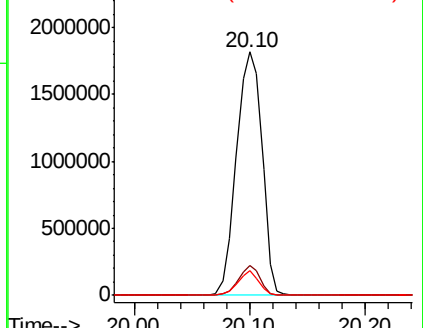
122 10.2 5.4 8.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 83.217 ng

RT: 20.78 min Scan# 3010

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

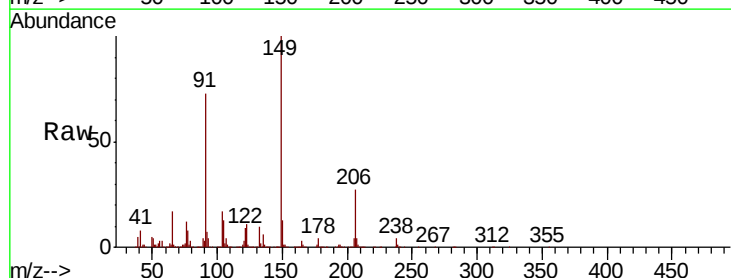
Tgt Ion:149 Resp: 853758

Ion Ratio Lower Upper

149 100

91 72.9 56.5 84.7

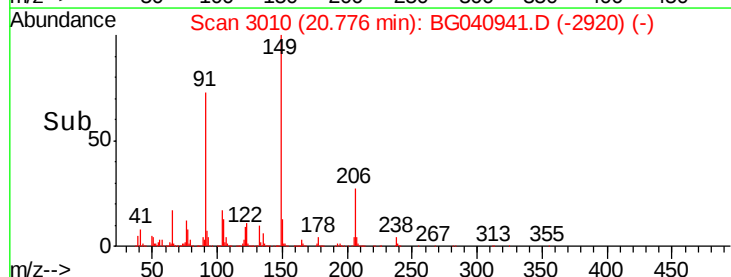
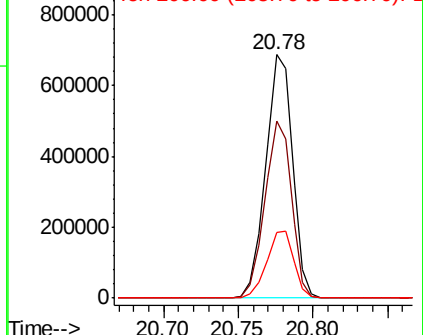
206 27.1 20.3 30.5

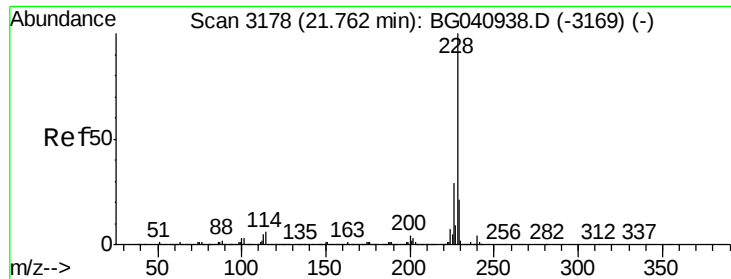


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 80.874 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDIC080

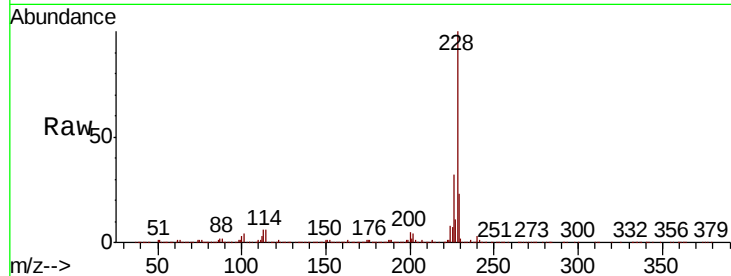
Tot Ion:228 Resp: 2146665

Ion Ratio Lower Upper

228 100

226 32.0 23.5 35.3

229 23.3 16.7 25.1

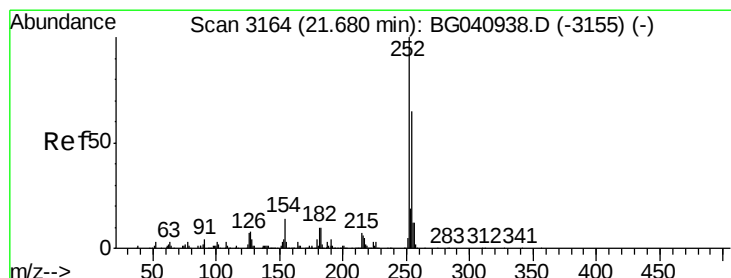
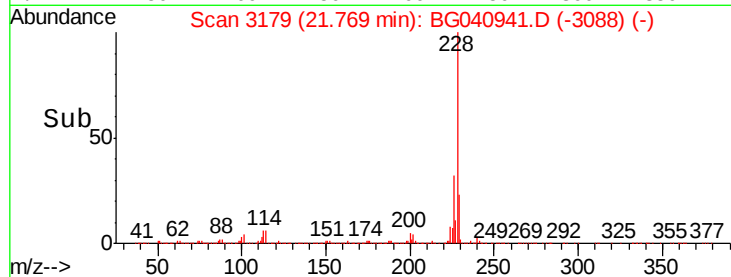
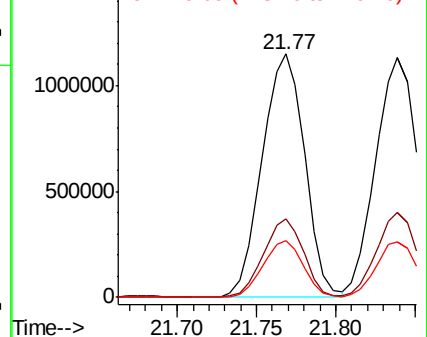


Abundance

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: 83.016 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

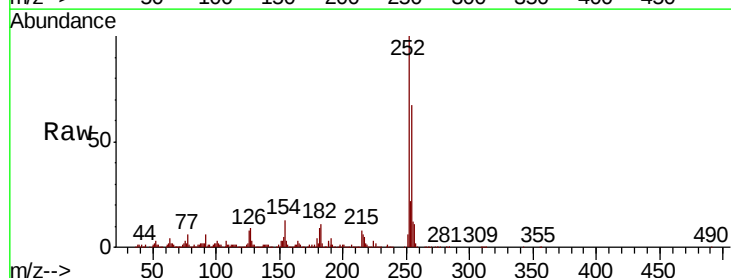
Tgt Ion:252 Resp: 785396

Ion Ratio Lower Upper

252 100

254 67.3 52.1 78.1

126 7.7 5.5 8.3

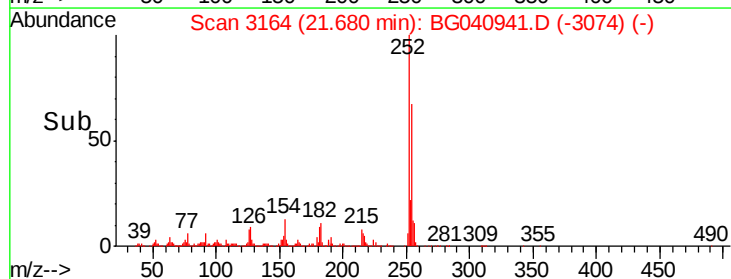
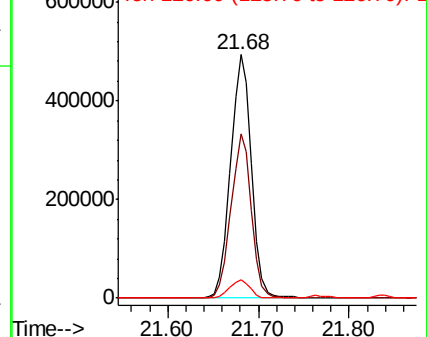


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 81.263 ng

RT: 21.84 min Scan# 3191

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

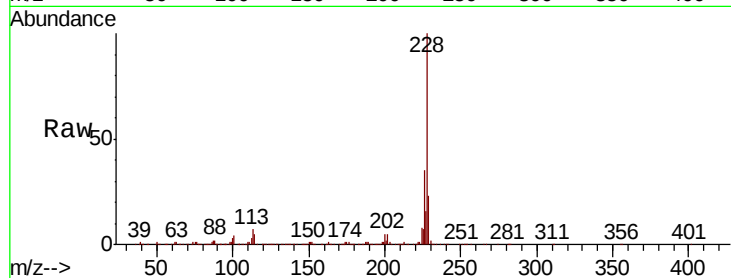
BNA_G

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 2051369

Ion	Ratio	Lower	Upper
228	100		
226	35.2	24.6	37.0
229	23.2	16.6	24.8

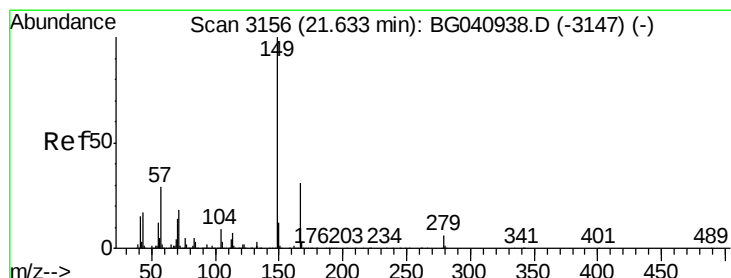
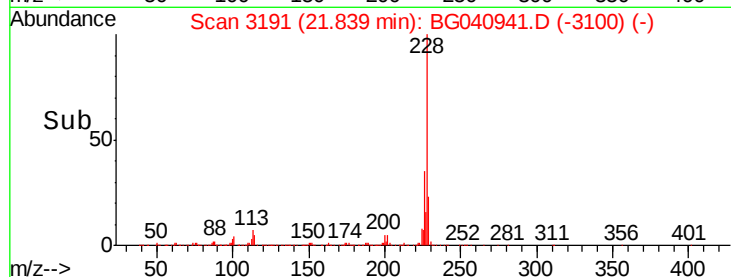
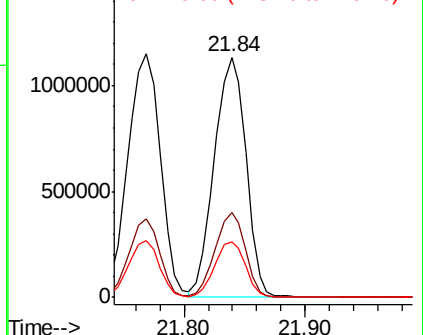


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.060 ng

RT: 21.64 min Scan# 3157

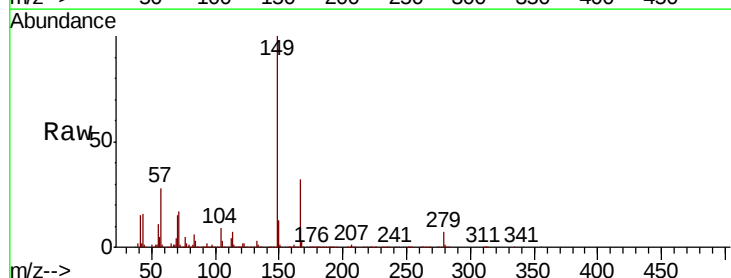
Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Tgt Ion:149 Resp: 1200457

Ion	Ratio	Lower	Upper
149	100		
167	32.2	24.6	37.0
279	7.2	5.0	7.6

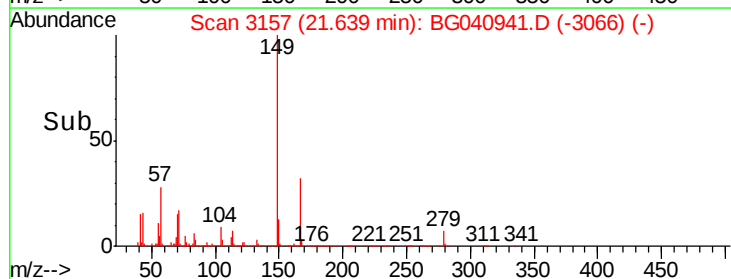
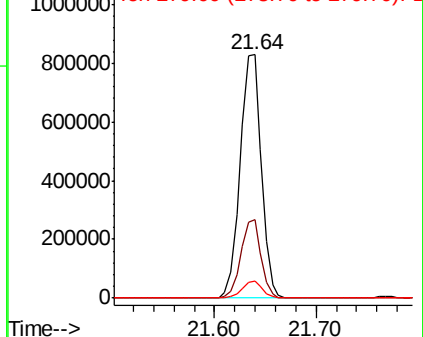


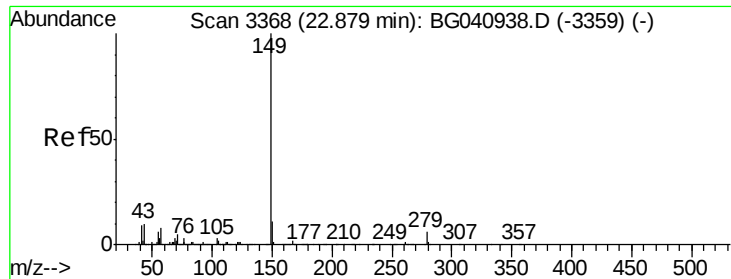
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 79.883 ng

RT: 22.88 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

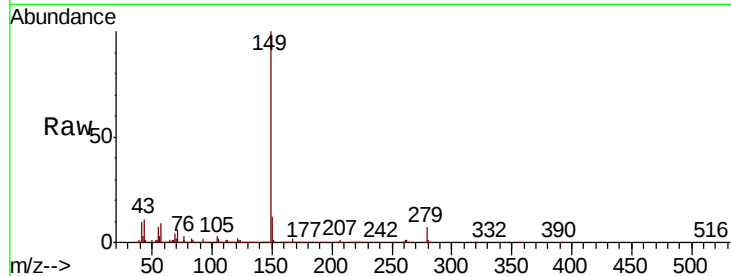
Tot Ion:149 Resp: 1992369

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

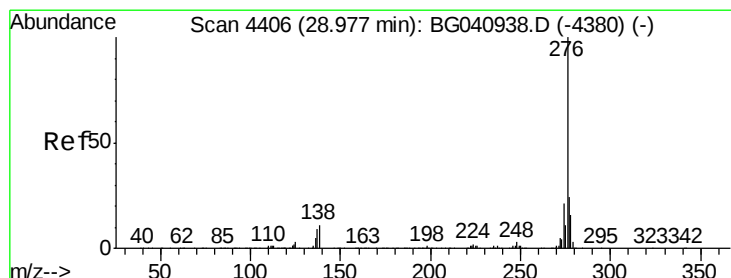
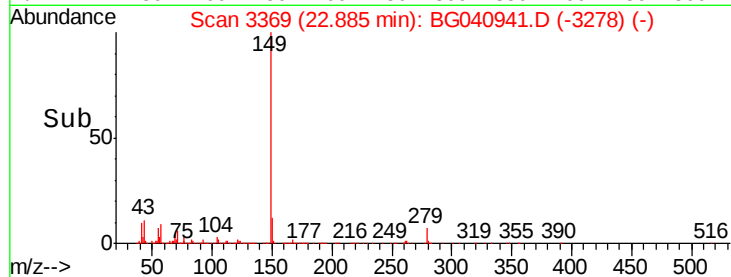
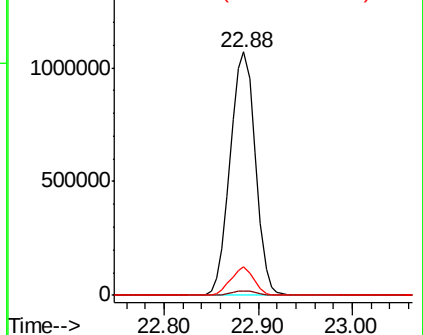
43 10.7 8.1 12.1



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: 87.258 ng

RT: 28.99 min Scan# 4408

Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

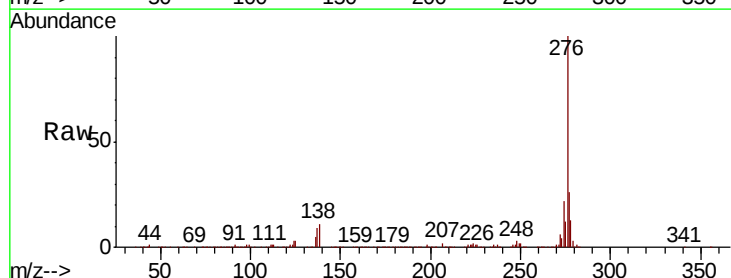
Tgt Ion:276 Resp: 2663170

Ion Ratio Lower Upper

276 100

138 8.8 5.7 8.5#

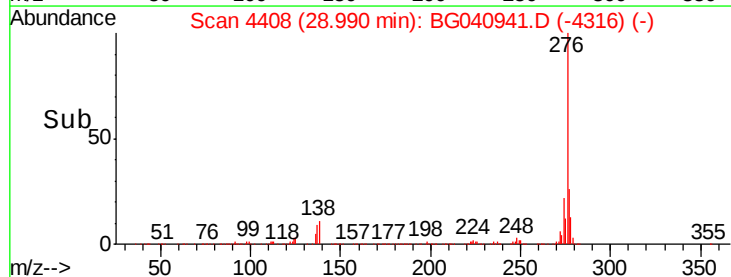
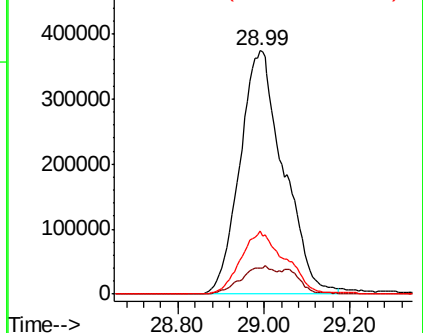
277 26.3 20.8 31.2

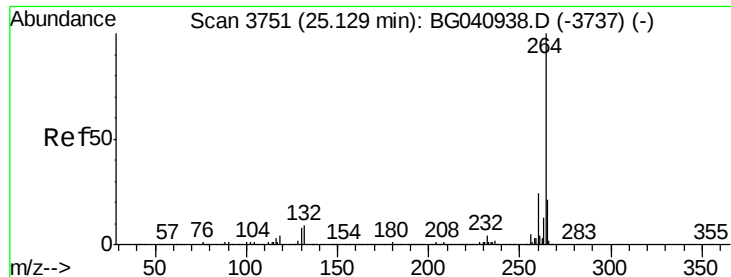


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.13 min Scan# 3751

Delta R.T. 0.00 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Instrument :

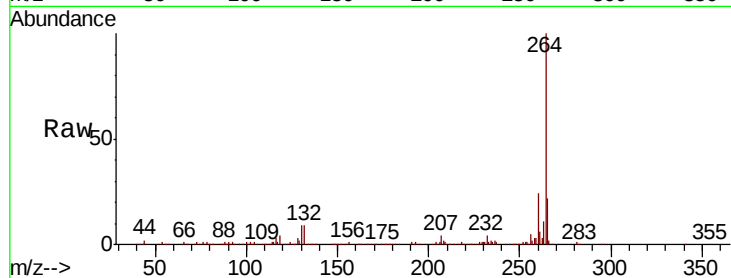
BNA_G

ClientSampleId :

SSTDICC080

Tot Ion:264 Resp: 460736

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.8	17.0	25.4

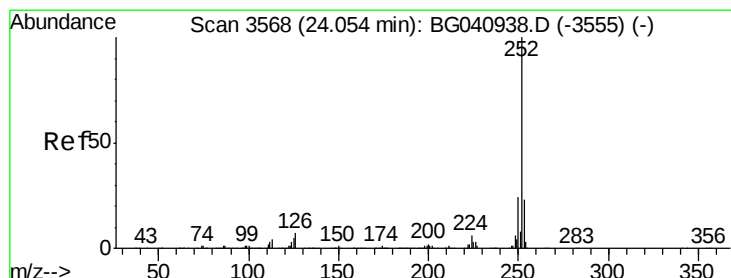
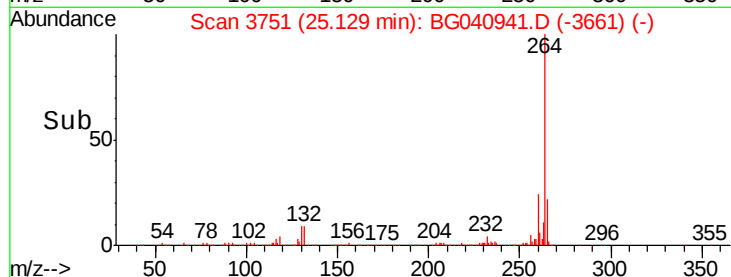
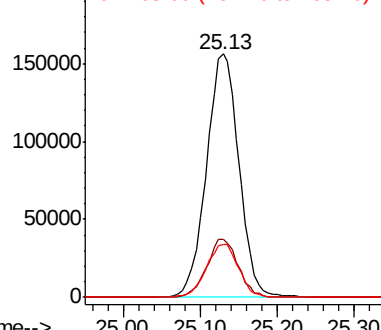


Abundance

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: 78.746 ng

RT: 24.07 min Scan# 3570

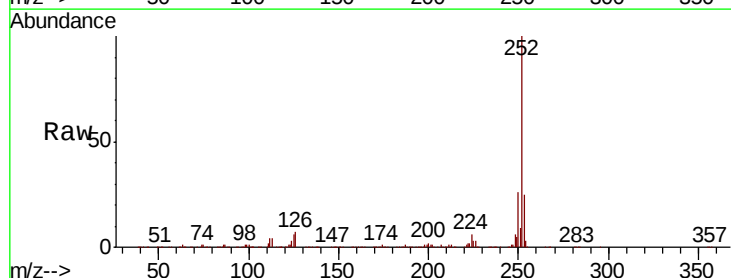
Delta R.T. 0.01 min

Lab File: BG040941.D

Acq: 29 May 2019 17:26

Tgt Ion:252 Resp: 2217083

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.4	27.6
125	5.9	4.3	6.5

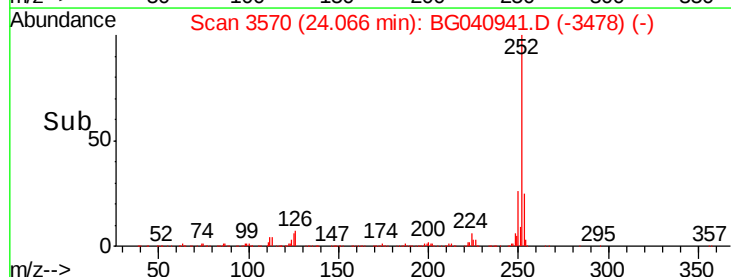
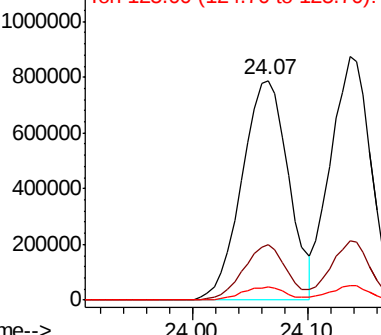


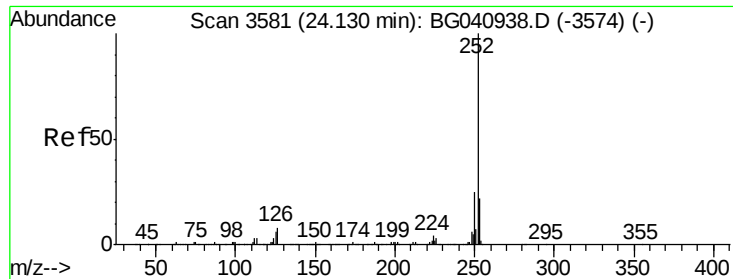
Abundance

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

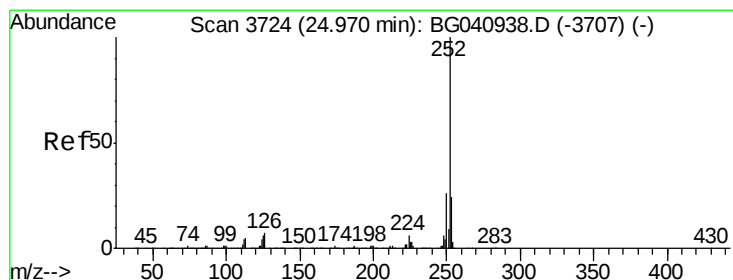
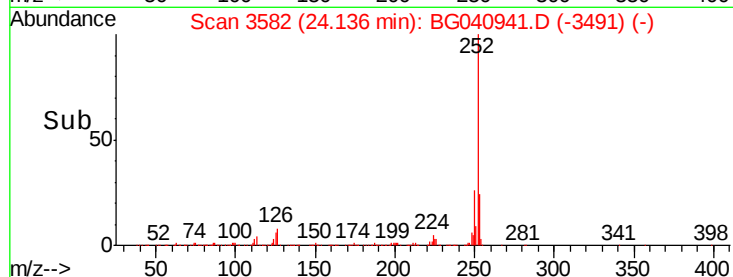
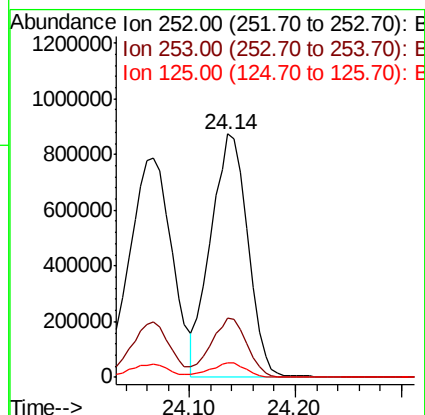
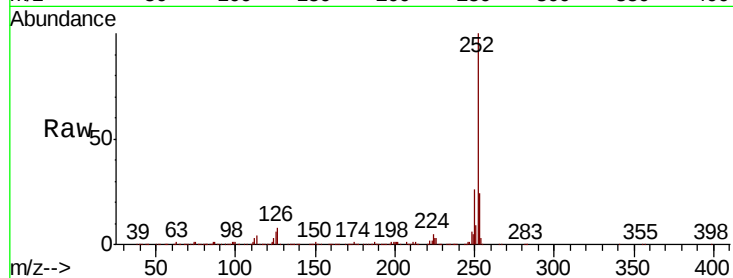




#89
Benzo(k)fluoranthene
Concen: 80.915 ng
RT: 24.14 min Scan# 3582
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

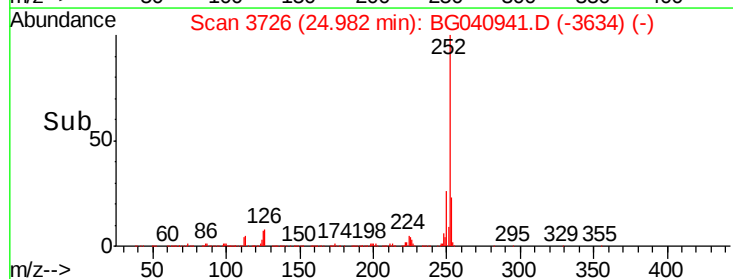
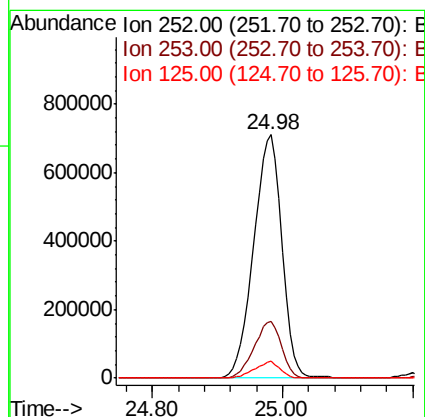
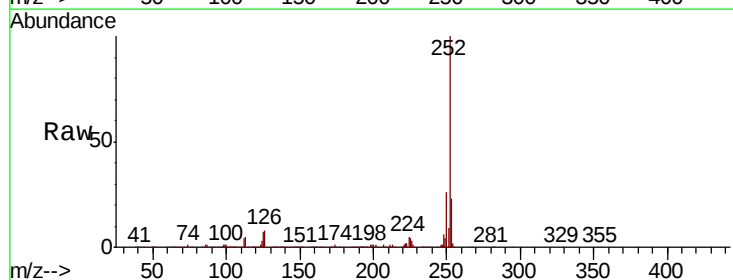
Instrument :
BNA_G
ClientSampleId :
SSTDIC080

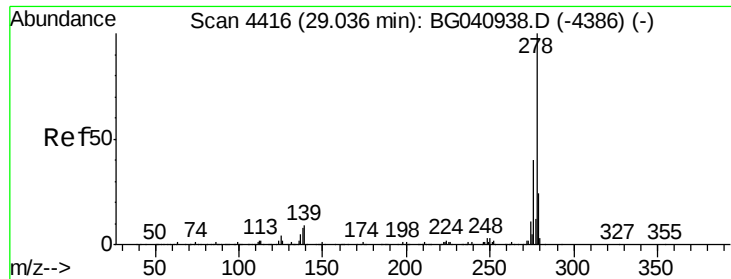
Tot Ion:252 Resp: 2127561
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 6.1 4.7 7.1



#90
Benzo(a)pyrene
Concen: 79.758 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.01 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Tgt Ion:252 Resp: 2125637
Ion Ratio Lower Upper
252 100
253 23.4 19.5 29.3
125 6.8 5.1 7.7

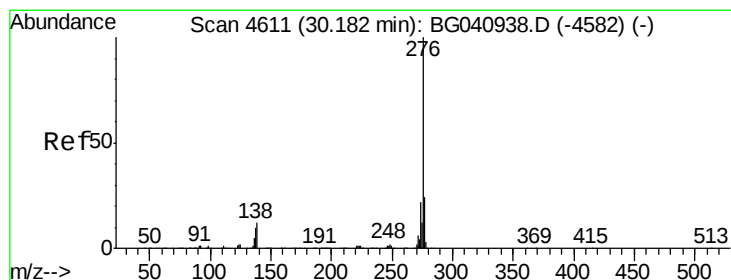
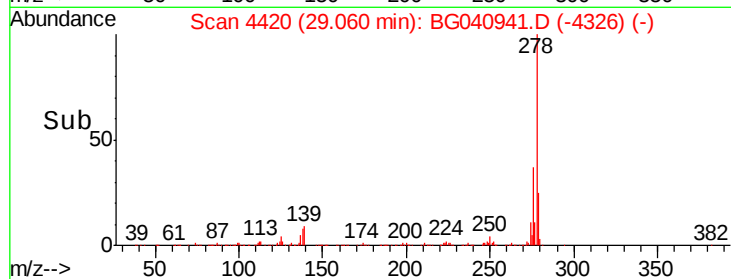
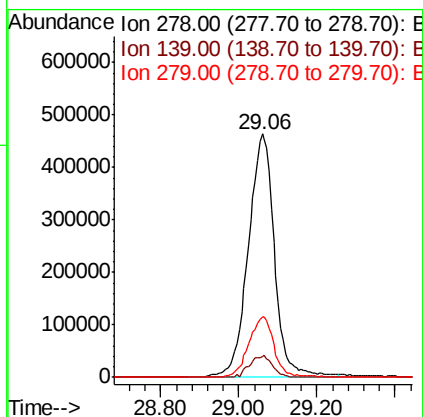
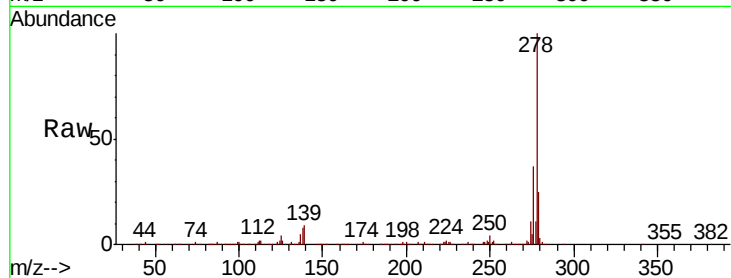




#91
Dibenzo(a,h)anthracene
Concen: 80.213 ng
RT: 29.06 min Scan# 4420
Delta R.T. 0.02 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tot Ion:278 Resp: 2163325
Ion Ratio Lower Upper
278 100
139 8.7 7.1 10.7
279 24.6 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 77.120 ng
RT: 30.21 min Scan# 4615
Delta R.T. 0.02 min
Lab File: BG040941.D
Acq: 29 May 2019 17:26

Tgt Ion:276 Resp: 2070010
Ion Ratio Lower Upper
276 100
277 26.4 19.4 29.0
138 11.1 9.7 14.5

