

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052919\
 Data File : BG040937.D
 Acq On : 29 May 2019 14:52
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Quant Time: May 29 16:18:56 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	48700	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	214446	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	165857	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	420327	20.00	ng	0.00
76) Chrysene-d12	21.78	240	419513	20.00	ng	0.00
87) Perylene-d12	25.12	264	448305	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	110173	39.88	ng	0.00
7) Phenol-d6	7.27	99	172952	40.66	ng	0.00
23) Nitrobenzene-d5	9.30	82	196046	42.24	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	97932	42.96	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	487738	42.47	ng	0.00
79) Terphenyl-d14	20.10	244	900531	47.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	25043	19.932	ng	99
3) Pyridine	3.94	79	71223	19.557	ng	97
4) n-Nitrosodimethylamine	3.86	42	31151	15.421	ng	# 85
6) Aniline	7.45	93	112436	19.942	ng	95
8) 2-Chlorophenol	7.68	128	66370	19.675	ng	95
9) Benzaldehyde	7.27	77	57911	21.957	ng	89
10) Phenol	7.30	94	92888	20.314	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	63019	18.379	ng	97
12) 1,3-Dichlorobenzene	8.01	146	77480	21.043	ng	100
13) 1,4-Dichlorobenzene	8.16	146	78894	21.137	ng	97
14) 1,2-Dichlorobenzene	8.48	146	76716	21.312	ng	94
15) Benzyl Alcohol	8.36	79	77431	17.494	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.65	45	104577	15.319	ng	98
17) 2-Methylphenol	8.56	107	67846	20.966	ng	99
18) Hexachloroethane	9.22	117	29653	19.367	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	63482	16.579	ng	97
20) 3+4-Methylphenols	8.88	107	95838	21.260	ng	94
22) Acetophenone	8.96	105	121676	20.404	ng	# 96
24) Nitrobenzene	9.35	77	99522	20.098	ng	96
25) Isophorone	9.86	82	180493	17.459	ng	98
26) 2-Nitrophenol	10.06	139	37980	21.397	ng	# 89
27) 2,4-Dimethylphenol	10.10	122	68698	20.628	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	100323	19.342	ng	98
29) 2,4-Dichlorophenol	10.59	162	88034	23.251	ng	99
30) 1,2,4-Trichlorobenzene	10.81	180	95830	22.824	ng	94
31) Naphthalene	11.00	128	237455	20.842	ng	95
32) Benzoic acid	10.18	122	36566	16.038	ng	86
33) 4-Chloroaniline	11.11	127	108827	21.544	ng	98
34) Hexachlorobutadiene	11.27	225	76489	24.676	ng	99
35) Caprolactam	11.88	113	28604	19.135	ng	94
36) 4-Chloro-3-methylphenol	12.21	107	99747	20.884	ng	98
37) 2-Methylnaphthalene	12.59	142	181024	21.252	ng	99
38) 1-Methylnaphthalene	12.81	142	171491	20.597	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	134010	21.689	ng	98

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41) Hexachlorocyclopentadiene	12.92	237	47497	13.028	ng	95
43) 2,4,6-Trichlorophenol	13.19	196	87542	23.446	ng	97
44) 2,4,5-Trichlorophenol	13.26	196	94560	23.248	ng	98
46) 1,1'-Biphenyl	13.59	154	250983	19.490	ng	97
47) 2-Chloronaphthalene	13.64	162	213408	21.176	ng	97
48) 2-Nitroaniline	13.85	65	74208	20.687	ng	97
49) Acenaphthylene	14.49	152	334027	19.536	ng	97
50) Dimethylphthalate	14.20	163	291492	21.006	ng	99
51) 2,6-Dinitrotoluene	14.33	165	60530	22.349	ng	96
52) Acenaphthene	14.82	154	197333	19.818	ng	98
53) 3-Nitroaniline	14.67	138	61106	22.020	ng	88
54) 2,4-Dinitrophenol	14.87	184	13401	10.039	ng	95
55) Dibenzofuran	15.16	168	339454	20.814	ng	97
56) 4-Nitrophenol	14.95	139	38274	15.906	ng	# 88
57) 2,4-Dinitrotoluene	15.12	165	84915	23.073	ng	98
58) Fluorene	15.80	166	270773	20.541	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	92813	22.671	ng	99
60) Diethylphthalate	15.56	149	302518	20.662	ng	98
61) 4-Chlorophenyl-phenylether	15.79	204	171984	22.432	ng	95
62) 4-Nitroaniline	15.83	138	64878	20.900	ng	91
63) Azobenzene	16.08	77	272775	18.090	ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	30632	15.835	ng	94
66) n-Nitrosodiphenylamine	16.00	169	239540	19.370	ng	98
67) 4-Bromophenyl-phenylether	16.68	248	112633	21.508	ng	97
68) Hexachlorobenzene	16.80	284	117349	21.672	ng	100
69) Atrazine	16.94	200	106016	21.638	ng	93
70) Pentachlorophenol	17.14	266	47882	15.112	ng	96
71) Phenanthrene	17.54	178	458799	20.265	ng	99
72) Anthracene	17.64	178	455174	20.002	ng	99
73) Carbazole	17.91	167	385284	18.583	ng	96
74) Di-n-butylphthalate	18.44	149	485750	19.411	ng	99
75) Fluoranthene	19.55	202	582288	20.639	ng	100
77) Benzidine	19.73	184	221966	19.324	ng	98
78) Pyrene	19.91	202	585020	22.250	ng	97
80) Butylbenzylphthalate	20.77	149	211236	20.613	ng	100
81) Benzo(a)anthracene	21.76	228	587441	22.156	ng	96
82) 3,3'-Dichlorobenzidine	21.67	252	199784	21.141	ng	99
83) Chrysene	21.83	228	559820	22.202	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	301992	20.415	ng	97
85) Di-n-octyl phthalate	22.88	149	499952	20.068	ng	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	631766	20.723	ng	# 85
88) Benzo(b)fluoranthene	24.05	252	564714	20.614	ng	99
89) Benzo(k)fluoranthene	24.12	252	553325	21.627	ng	99
90) Benzo(a)pyrene	24.96	252	525949	20.282	ng	97
91) Dibenzo(a,h)anthracene	29.03	278	519689	19.804	ng	99
92) Benzo(g,h,i)perylene	30.17	276	500643	19.169	ng	98

(#) = 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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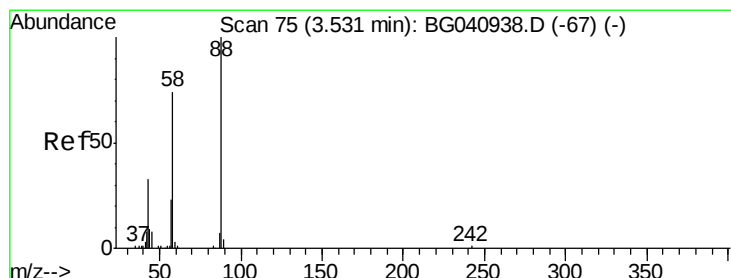
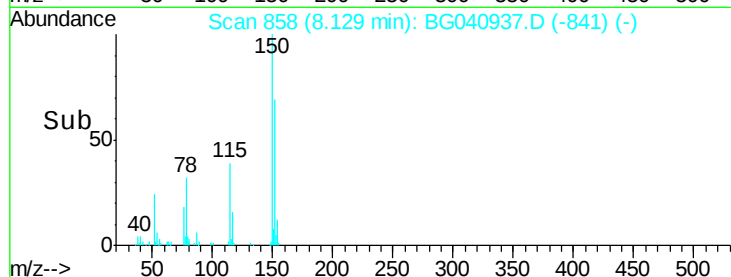
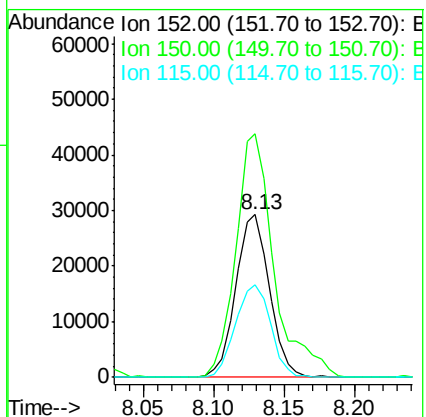
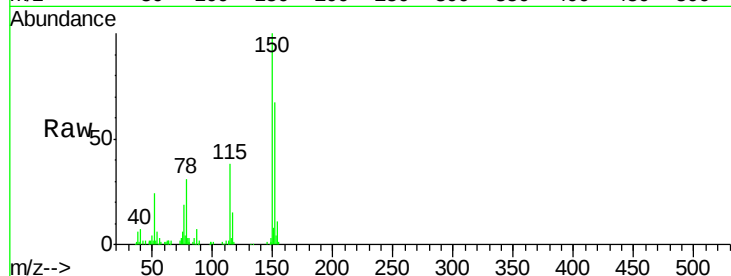
Tgt Ion:152 Resp: 48700

Ion Ratio Lower Upper

152 100

150 149.7 120.6 180.8

115 57.0 45.1 67.7



#2

1,4-Dioxane

Concen: 19.932 ng

RT: 3.53 min Scan# 75

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

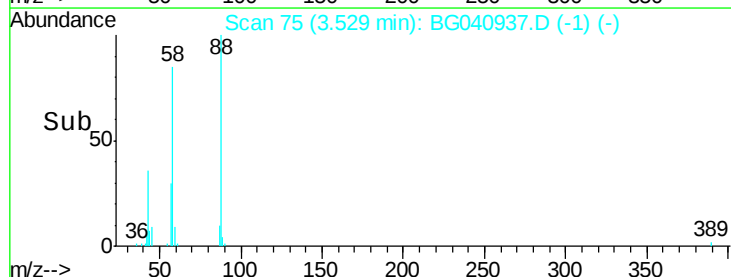
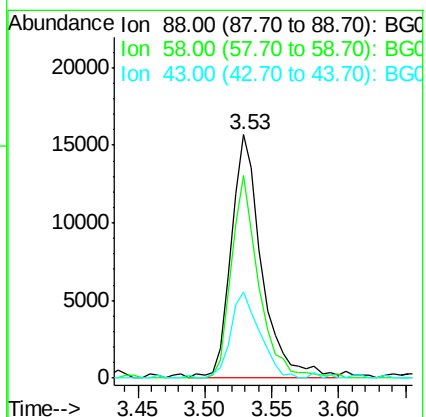
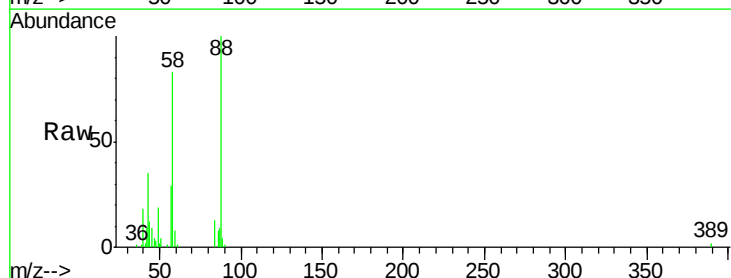
Tgt Ion: 88 Resp: 25043

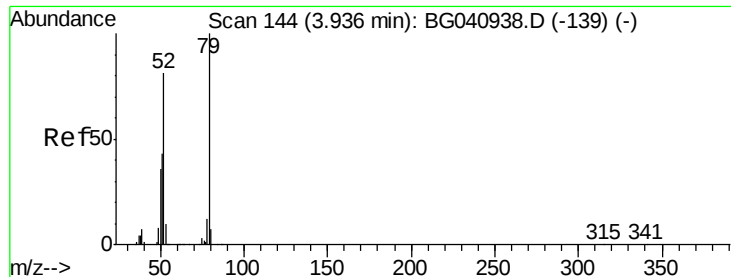
Ion Ratio Lower Upper

88 100

58 74.7 59.0 88.6

43 33.5 27.2 40.8





#3

Pyridine

Concen: 19.557 ng

RT: 3.94 min Scan# 145

Delta R.T. 0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

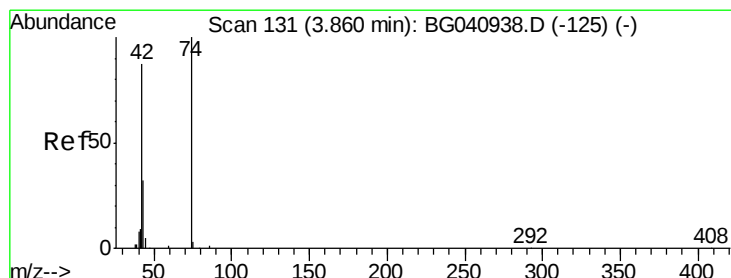
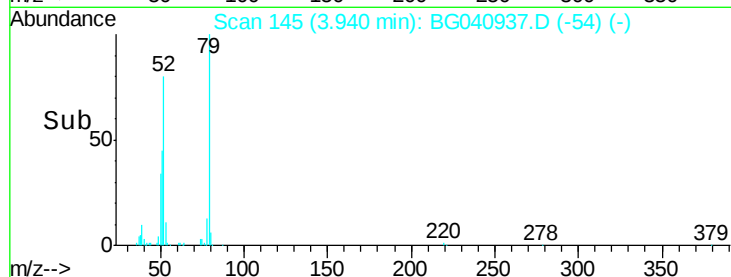
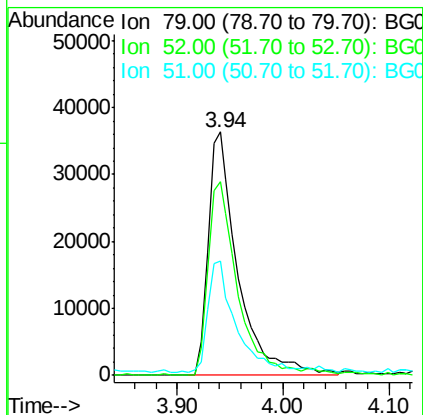
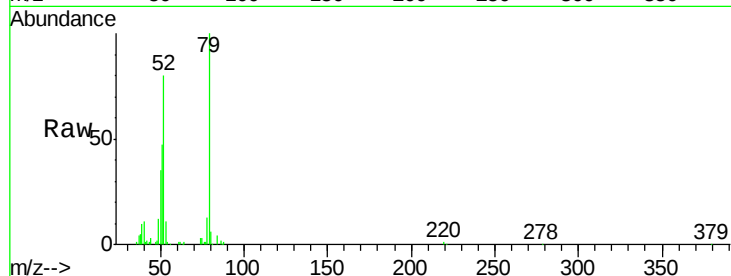
Tgt Ion: 79 Resp: 71223

Ion Ratio Lower Upper

79 100

52 79.5 64.8 97.2

51 46.9 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 15.421 ng

RT: 3.86 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

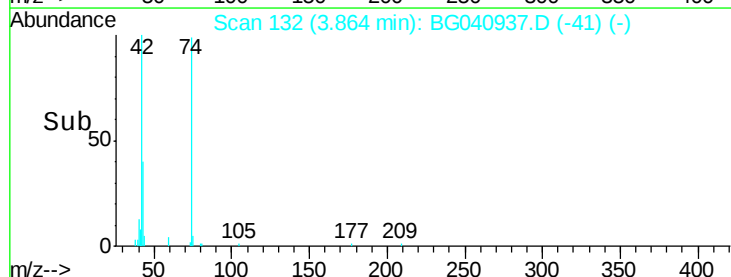
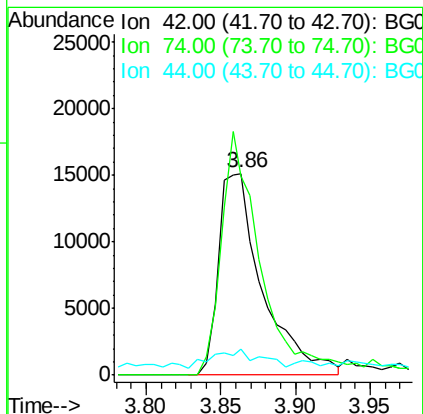
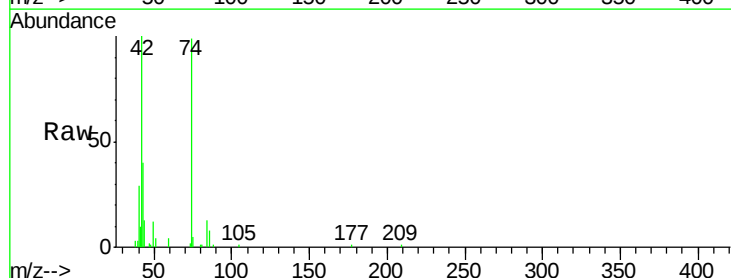
Tgt Ion: 42 Resp: 31151

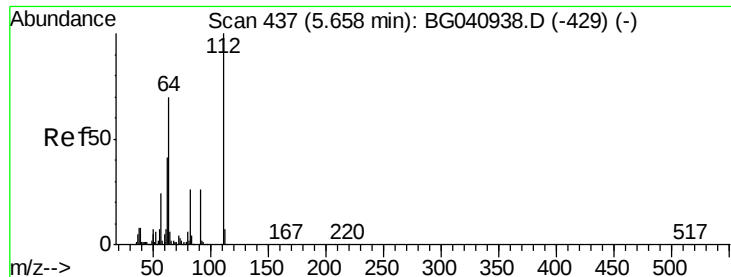
Ion Ratio Lower Upper

42 100

74 98.9 91.8 137.6

44 12.8 6.0 9.0#





#5

2-Fluorophenol

Concen: 39.879 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

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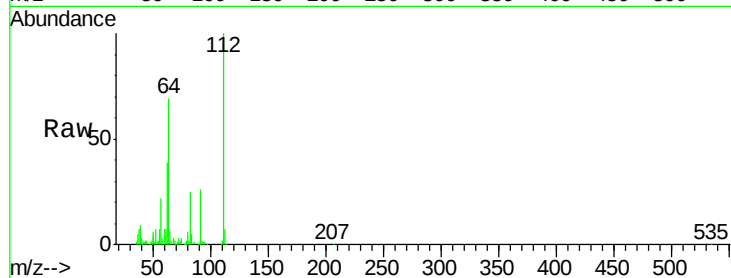
Tgt Ion: 112 Resp: 110173

Ion Ratio Lower Upper

112 100

64 68.9 56.2 84.2

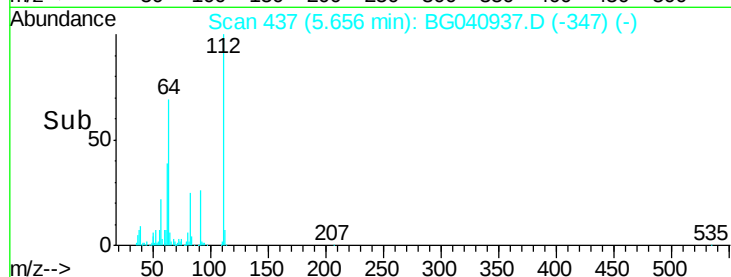
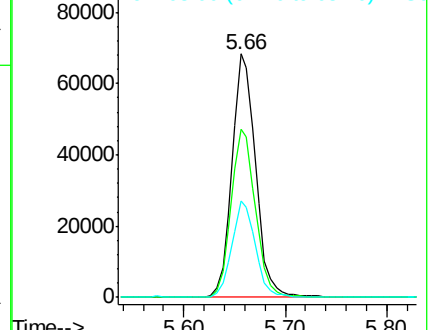
63 39.4 32.8 49.2



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: 19.942 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

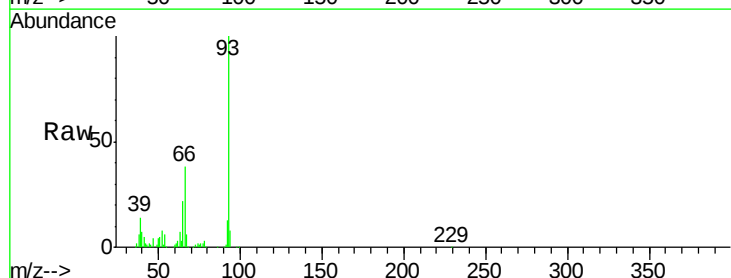
Tgt Ion: 93 Resp: 112436

Ion Ratio Lower Upper

93 100

66 38.2 33.8 50.8

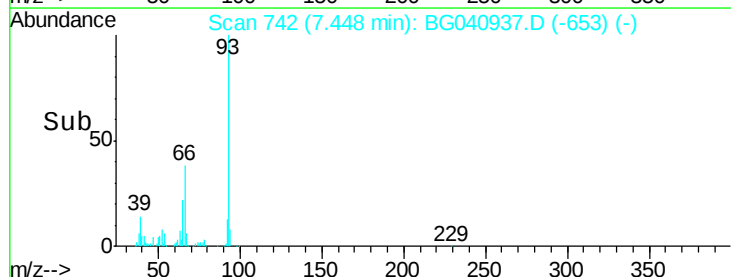
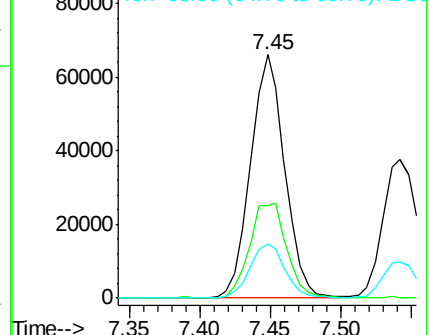
65 22.0 18.3 27.5

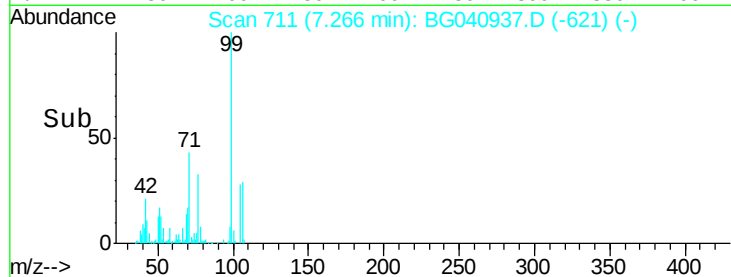
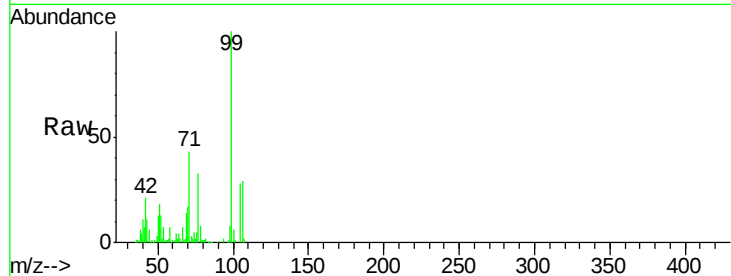
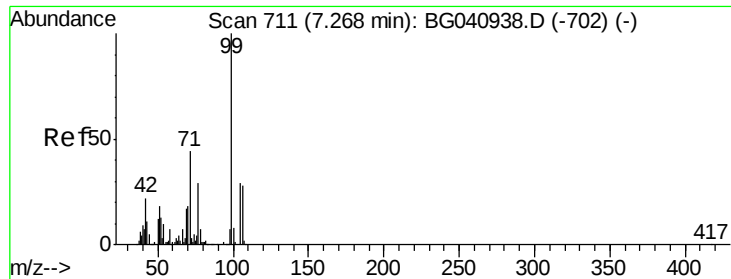


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 40.658 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040937.D

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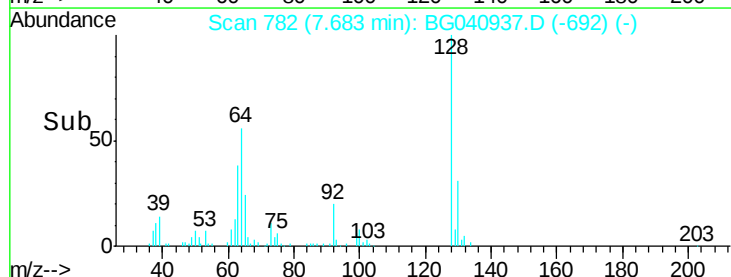
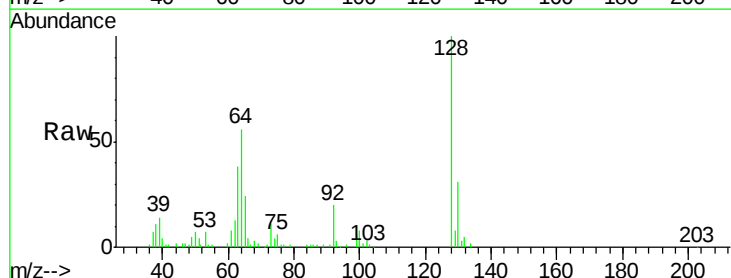
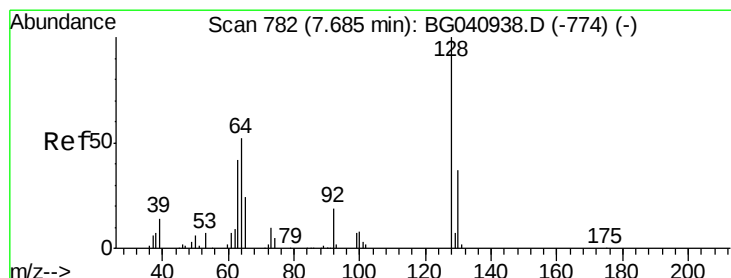
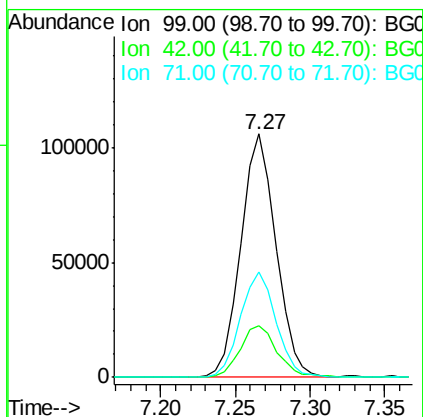
Tgt Ion: 99 Resp: 172952

Ion Ratio Lower Upper

99 100

42 21.1 17.9 26.9

71 43.3 35.4 53.0



#8

2-Chlorophenol

Concen: 19.675 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

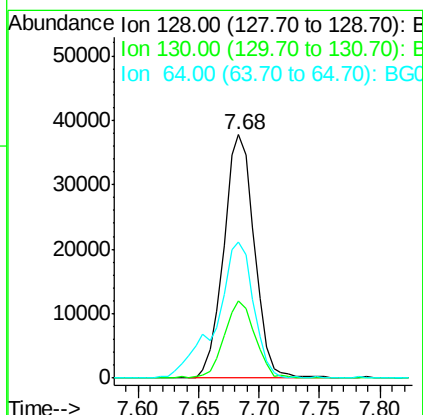
Tgt Ion: 128 Resp: 66370

Ion Ratio Lower Upper

128 100

130 31.5 16.6 56.6

64 56.1 37.8 77.8





#9

Benzaldehyde

Concen: 21.957 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

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Acq: 29 May 2019 14:52

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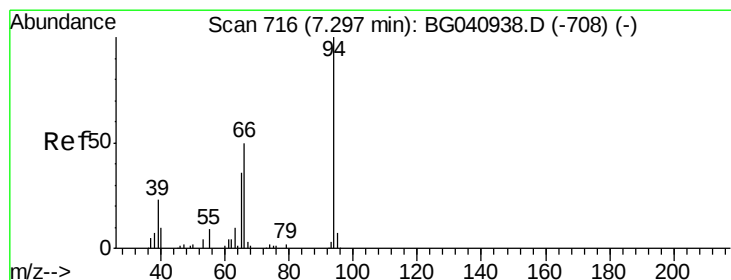
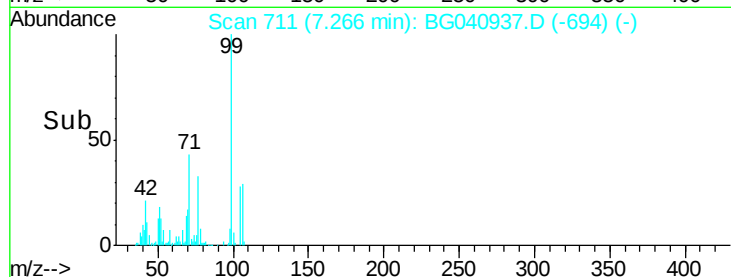
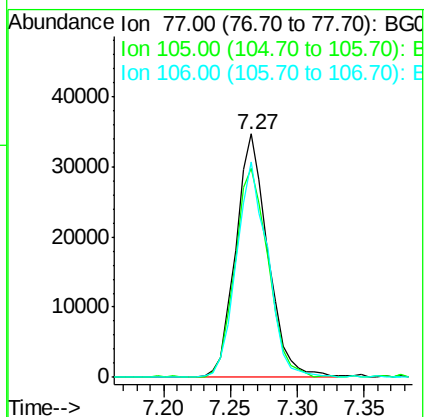
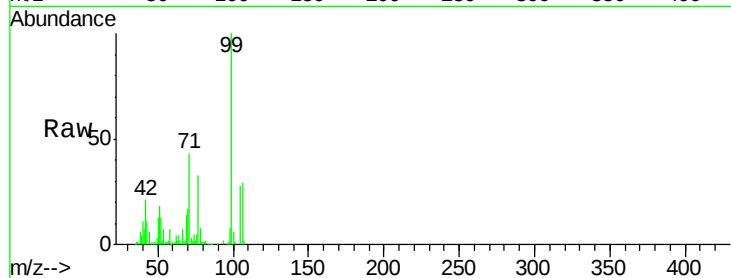
Tgt Ion: 77 Resp: 57911

Ion Ratio Lower Upper

77 100

105 86.1 78.9 118.9

106 88.6 76.7 116.7



#10

Phenol

Concen: 20.314 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

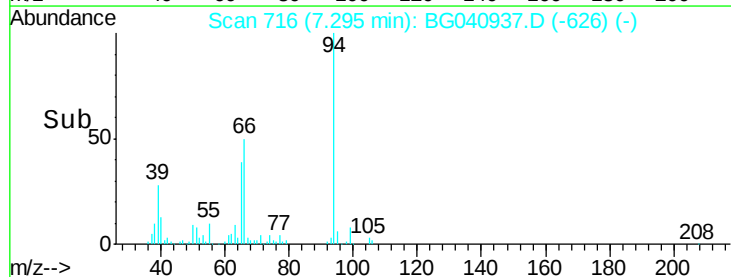
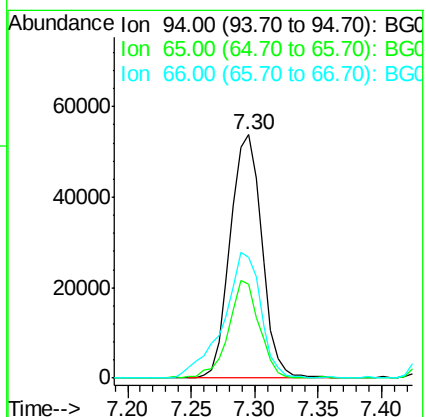
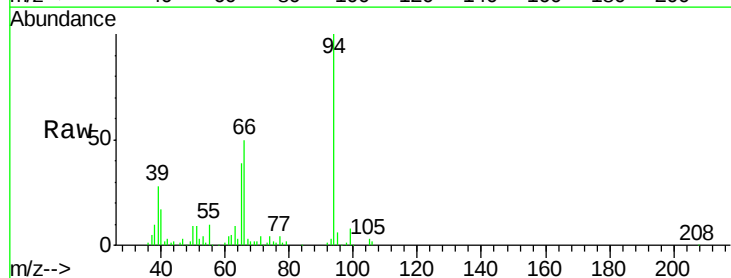
Tgt Ion: 94 Resp: 92888

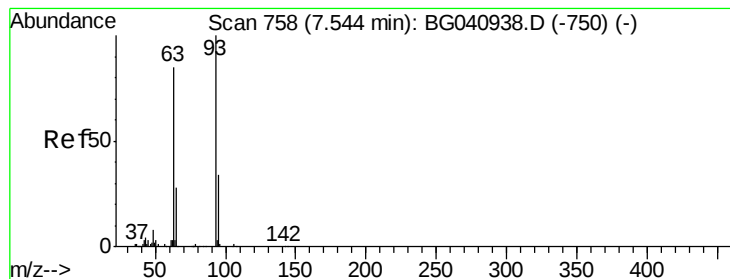
Ion Ratio Lower Upper

94 100

65 38.7 17.0 57.0

66 49.8 32.4 72.4





#11

bis(2-Chloroethyl)ether

Concen: 18.379 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

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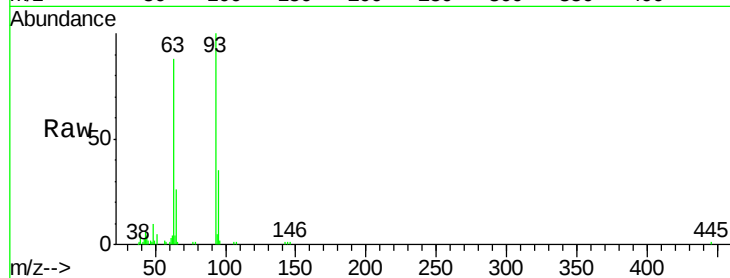
Tgt Ion: 93 Resp: 63019

Ion Ratio Lower Upper

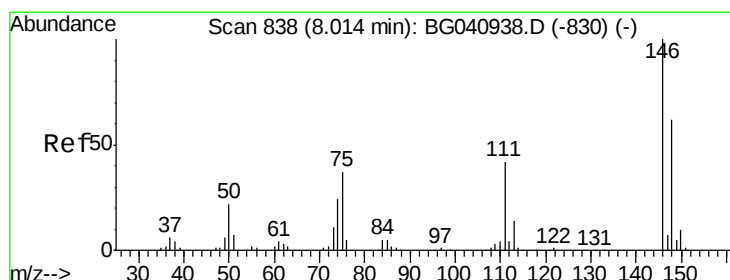
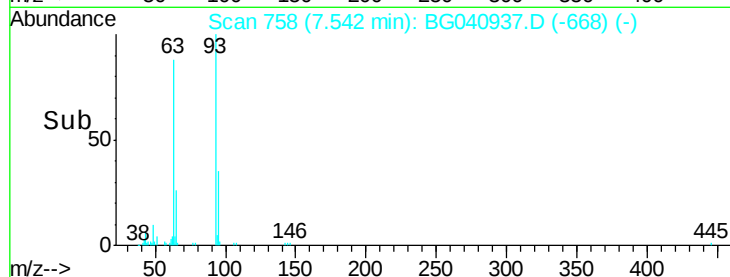
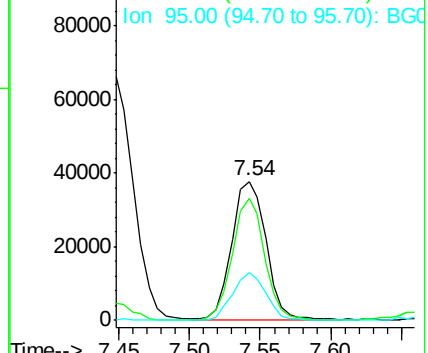
93 100

63 88.1 64.5 104.5

95 34.7 13.3 53.3



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



#12

1,3-Dichlorobenzene

Concen: 21.043 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

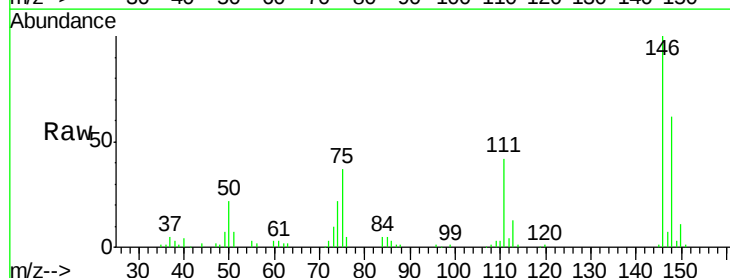
Tgt Ion: 146 Resp: 77480

Ion Ratio Lower Upper

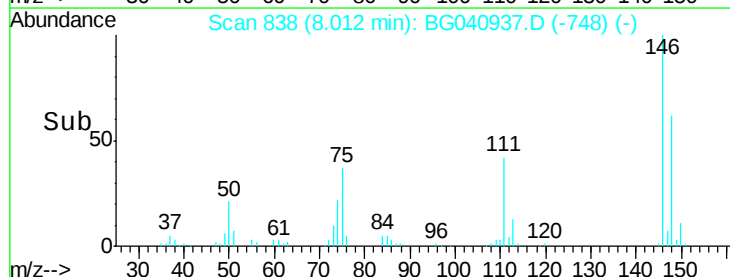
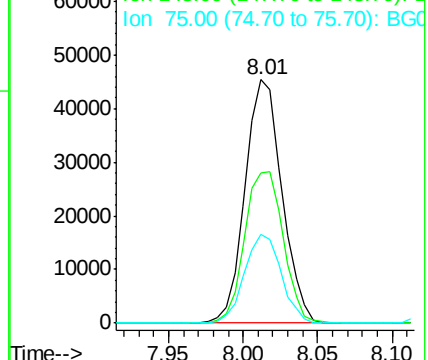
146 100

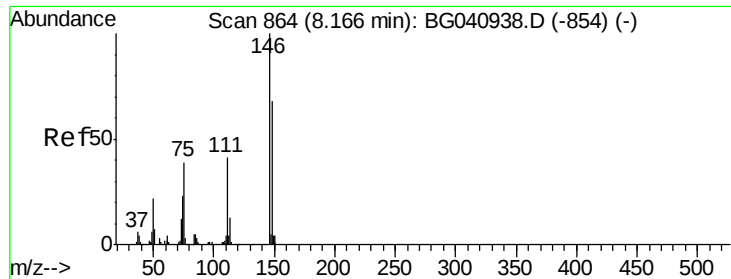
148 61.7 49.2 73.8

75 36.7 29.4 44.0



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

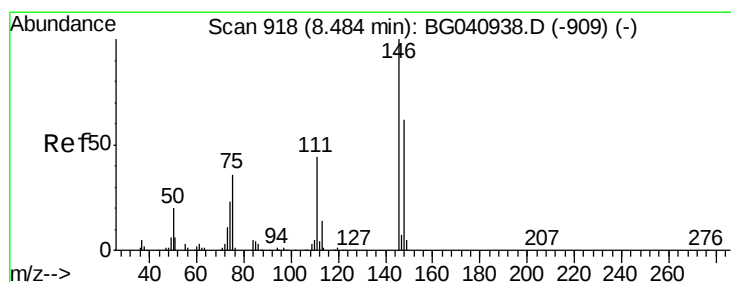
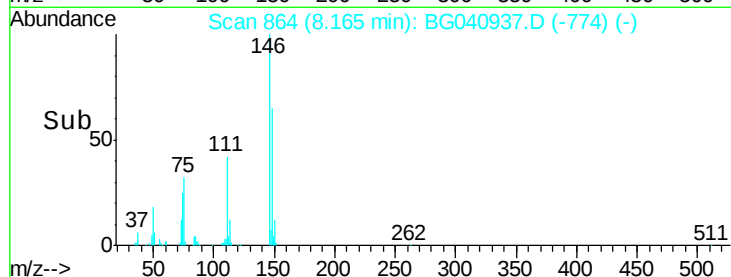
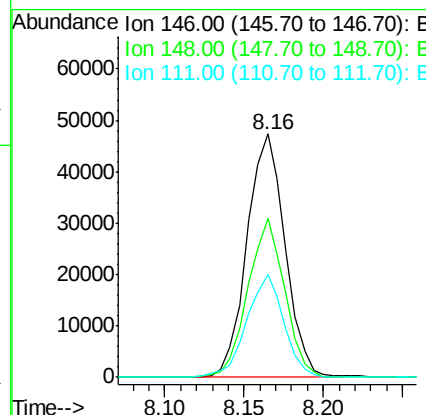
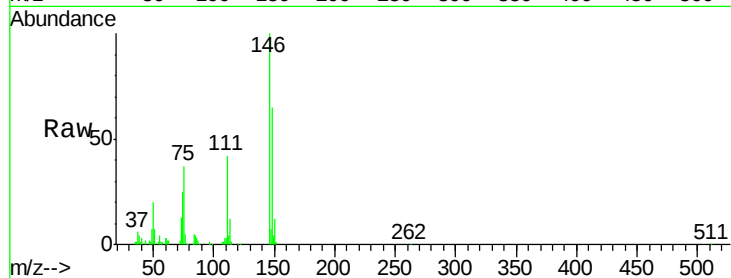




#13
 1,4-Dichlorobenzene
 Concen: 21.137 ng
 RT: 8.16 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

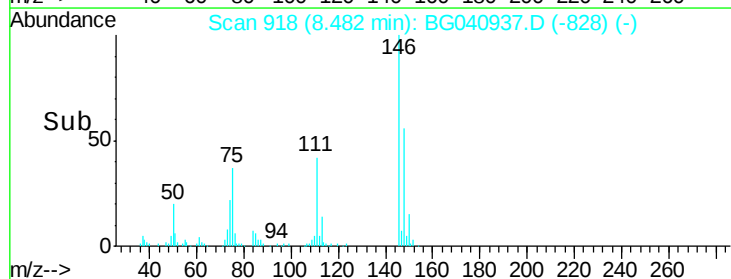
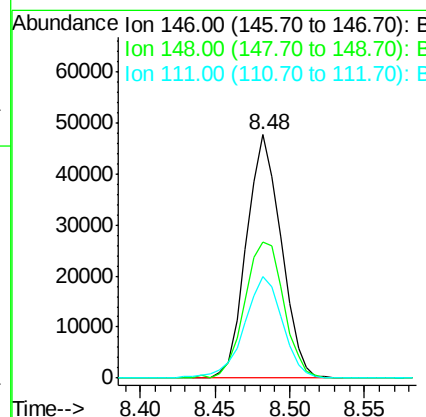
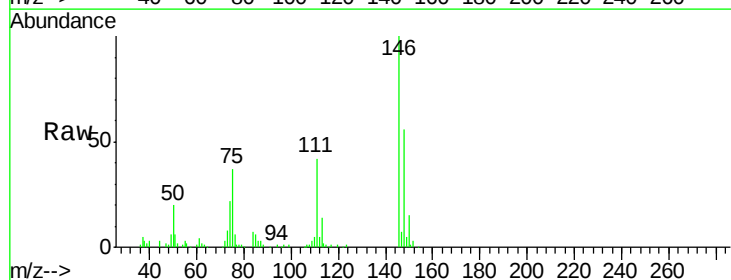
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

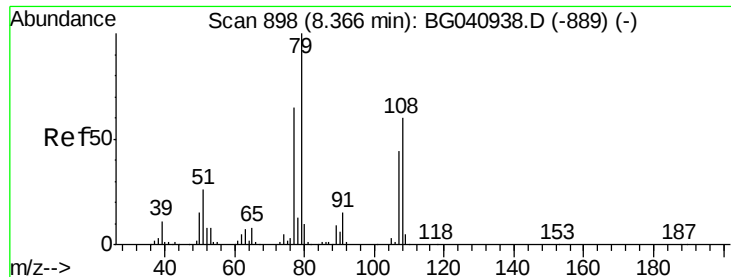
Tgt Ion:146 Resp: 78894
 Ion Ratio Lower Upper
 146 100
 148 65.4 54.2 81.4
 111 42.3 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 21.312 ng
 RT: 8.48 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

Tgt Ion:146 Resp: 76716
 Ion Ratio Lower Upper
 146 100
 148 56.1 49.8 74.6
 111 41.6 35.0 52.4





#15

Benzyl Alcohol

Concen: 17.494 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

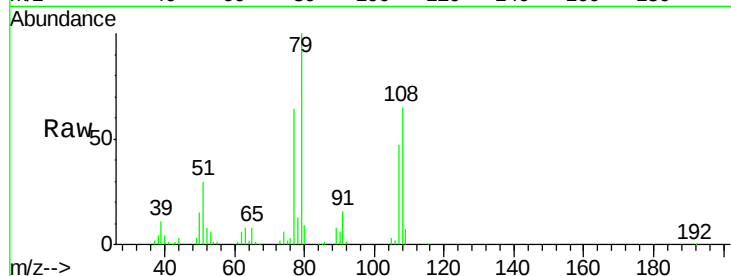
Tgt Ion: 79 Resp: 77431

Ion Ratio Lower Upper

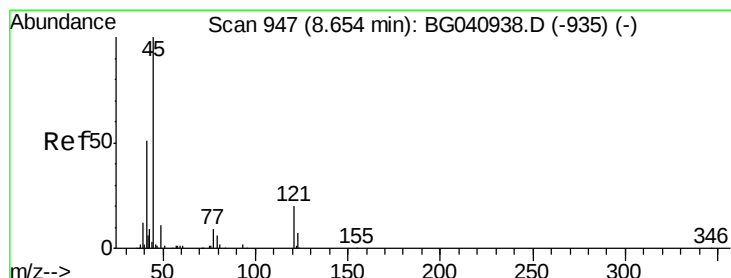
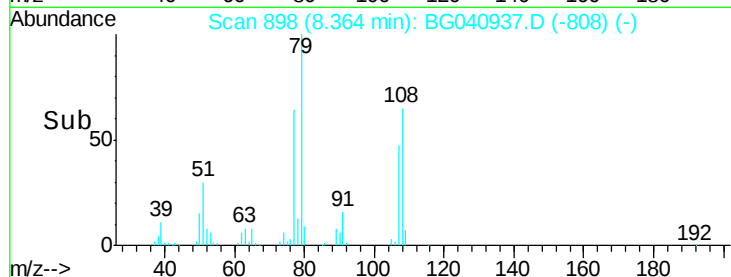
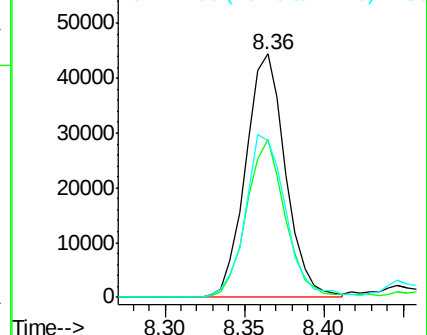
79 100

108 64.7 48.3 72.5

77 64.1 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.319 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

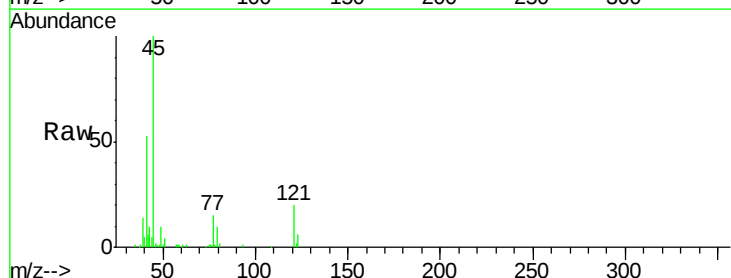
Tgt Ion: 45 Resp: 104577

Ion Ratio Lower Upper

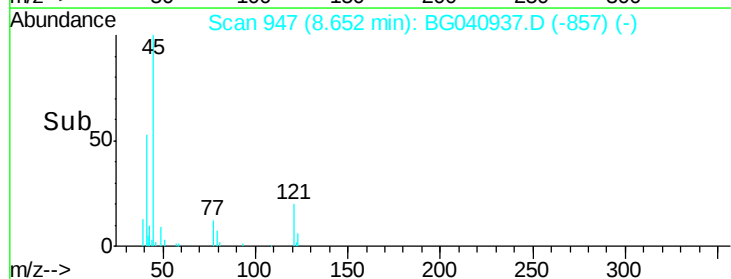
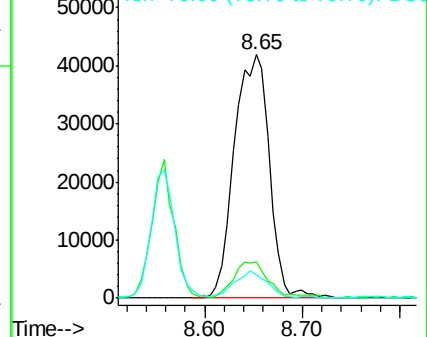
45 100

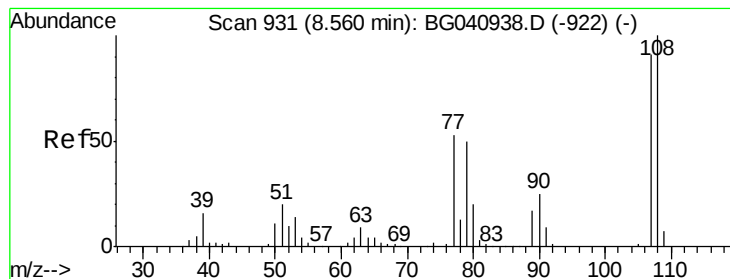
77 14.9 0.0 33.7

79 9.7 0.0 30.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 20.966 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

Tgt Ion:107 Resp: 67846

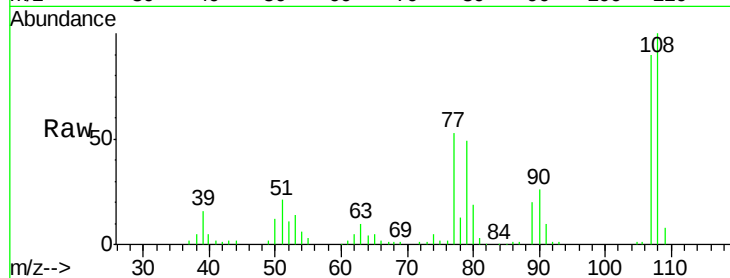
Ion Ratio Lower Upper

107 100

108 111.4 87.7 131.5

77 59.4 46.6 70.0

79 55.1 44.6 66.8

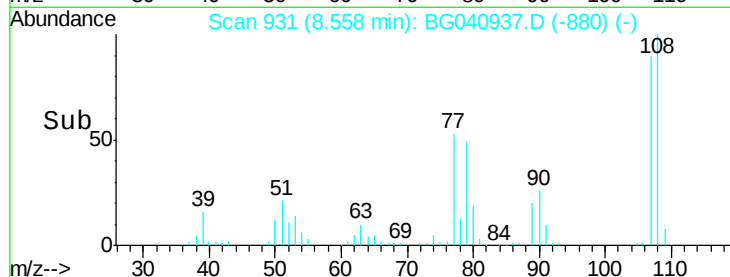


Abundance Ion 107.00 (106.70 to 107.70): E

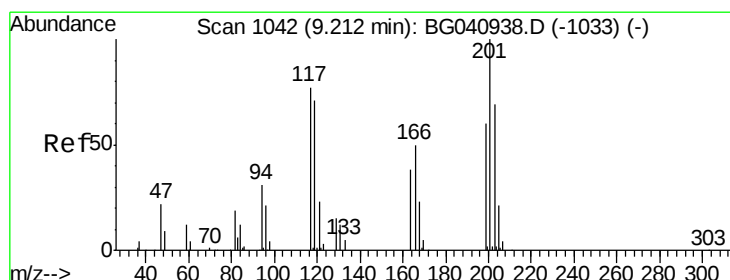
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time--> 8.45 8.50 8.55 8.60 8.65



#18

Hexachloroethane

Concen: 19.367 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

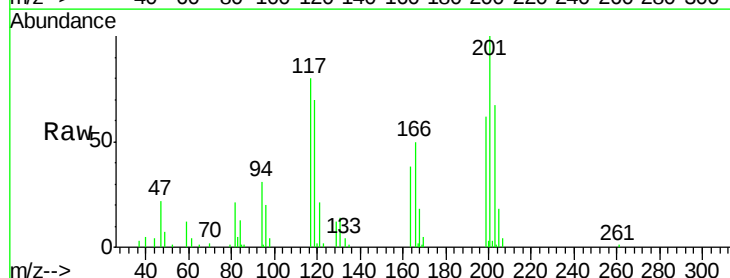
Tgt Ion:117 Resp: 29653

Ion Ratio Lower Upper

117 100

119 88.0 75.0 112.6

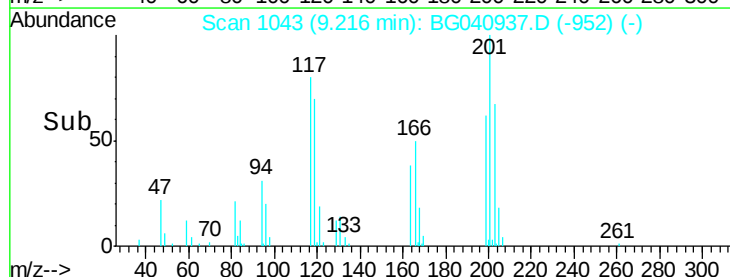
201 125.7 103.5 155.3



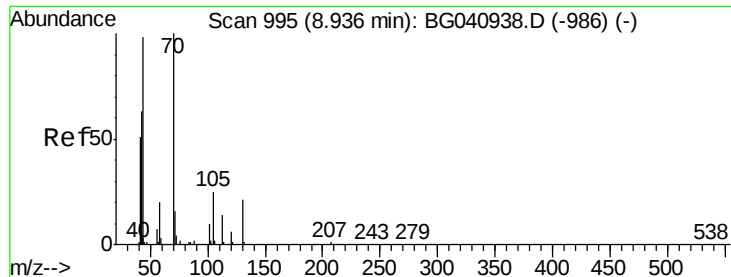
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



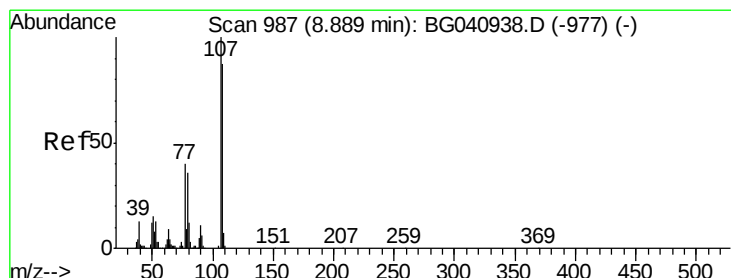
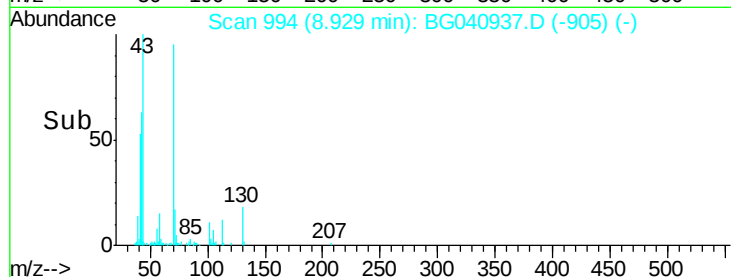
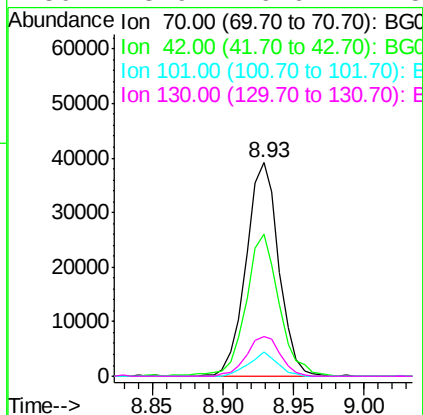
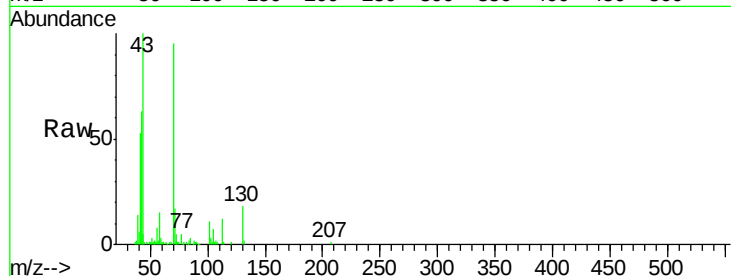
Time--> 9.15 9.20 9.25



#19
n-Nitroso-di-n-propylamine
Concen: 16.579 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

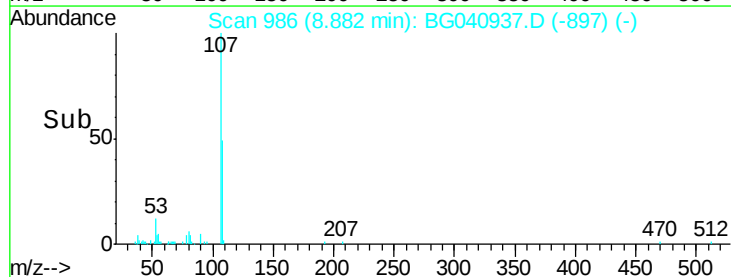
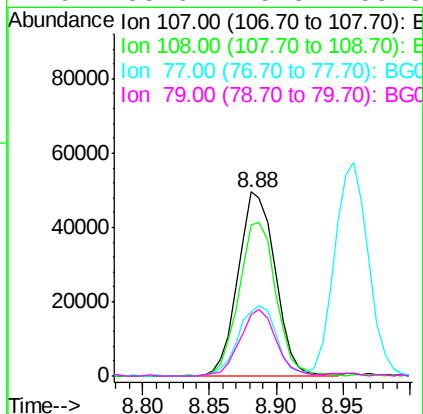
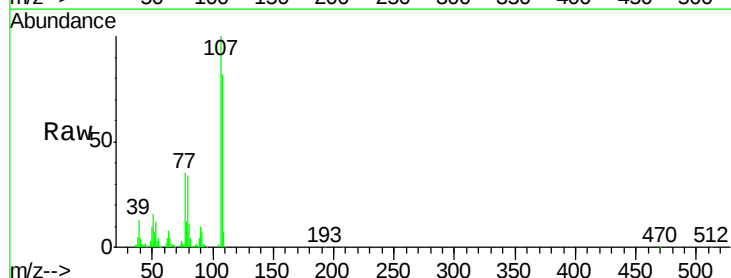
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

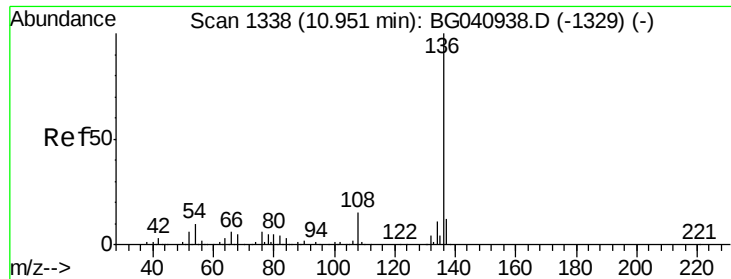
Tgt Ion:	70	Resp:	63482
Ion	Ratio	Lower	Upper
70	100		
42	66.7	51.5	77.3
101	11.5	8.1	12.1
130	18.9	16.6	24.8



#20
3+4-Methylphenols
Concen: 21.260 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion:	107	Resp:	95838
Ion	Ratio	Lower	Upper
107	100		
108	82.0	66.8	106.8
77	34.5	20.5	60.5
79	33.6	15.8	55.8

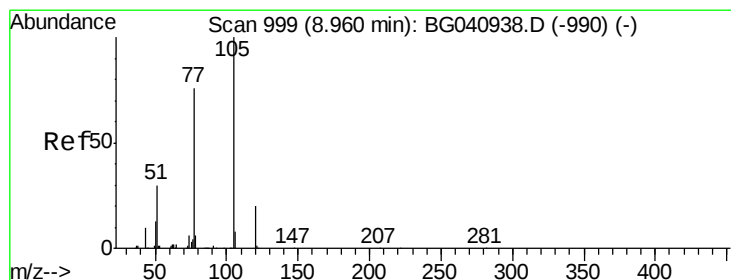
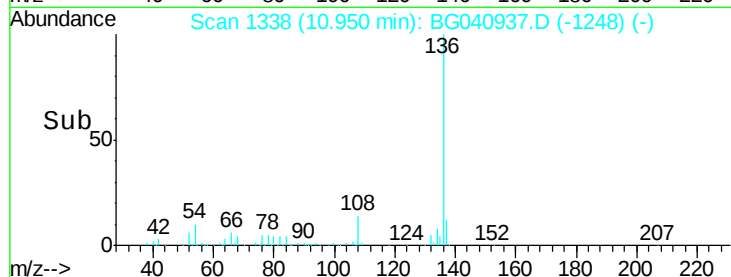
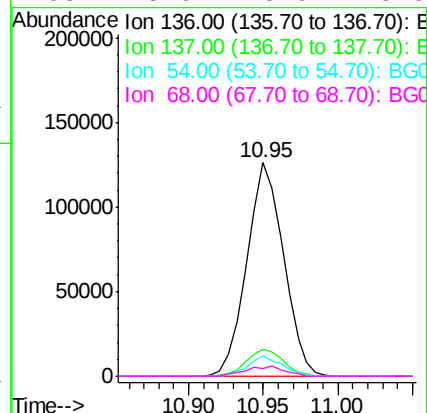
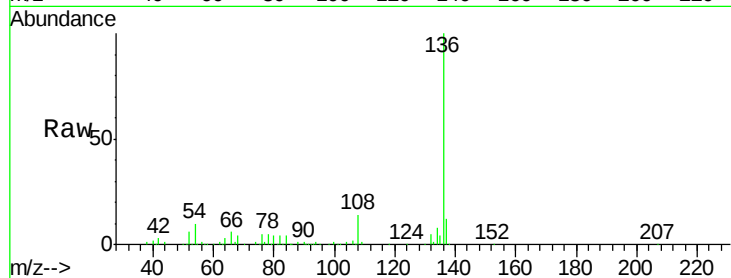




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

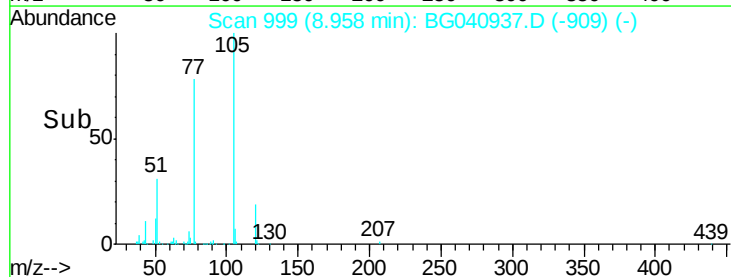
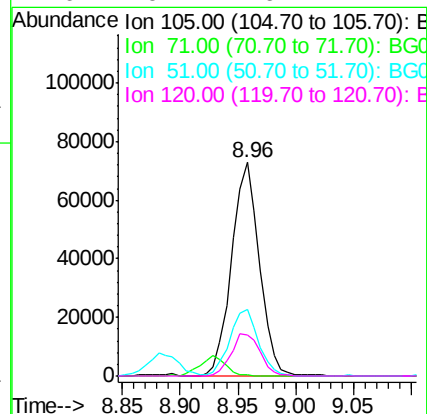
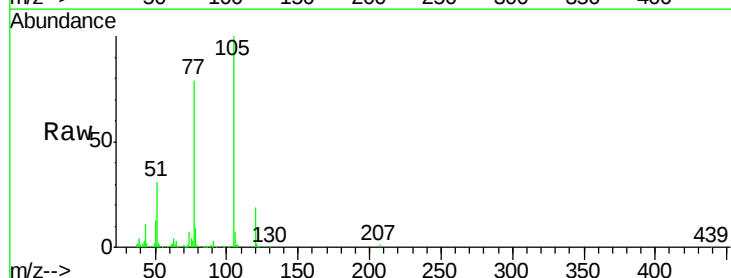
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:	136	Resp:	214446
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	10.0	7.6	11.4
68	3.9	3.9	5.9



#22
Acetophenone
Concen: 20.404 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion:	105	Resp:	121676
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.4	0.6
51	31.3	27.0	40.6
120	19.1	16.2	24.4

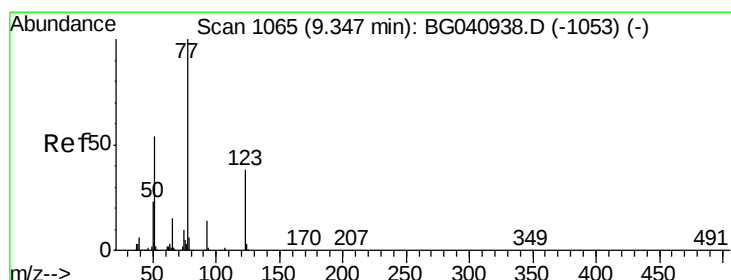
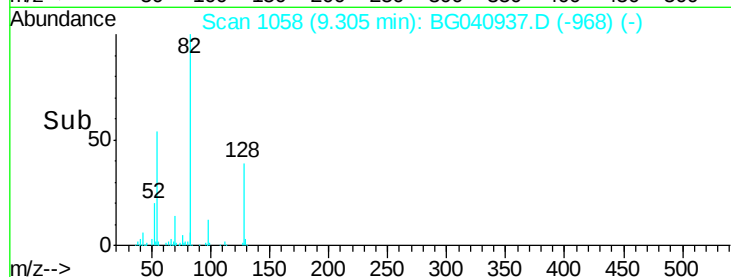
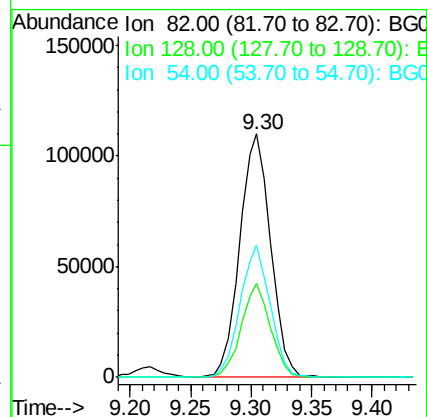
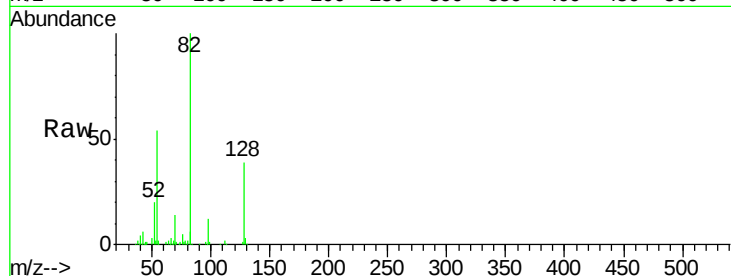




#23
 Nitrobenzene-d5
 Concen: 42.242 ng
 RT: 9.30 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

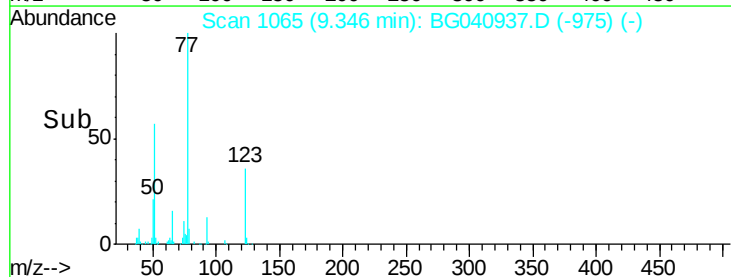
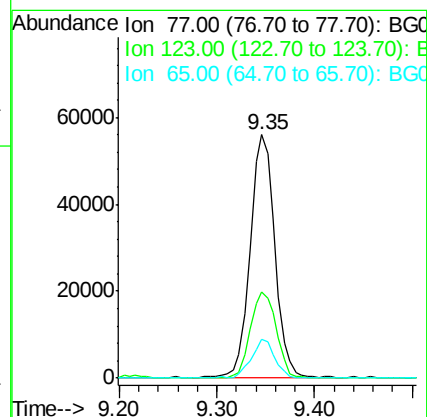
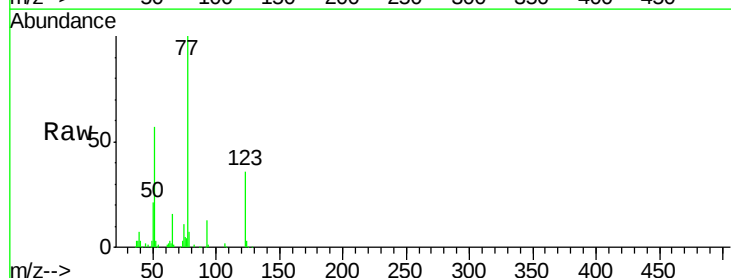
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

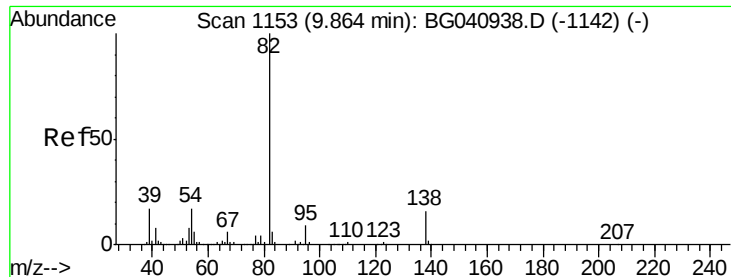
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.5	45.7
54	54.1	44.6	66.8



#24
 Nitrobenzene
 Concen: 20.098 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.5	30.6	46.0
65	15.9	12.3	18.5





#25

Isophorone

Concen: 17.459 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

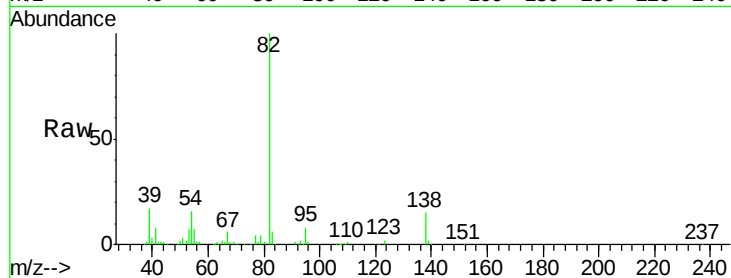
Tgt Ion: 82 Resp: 180493

Ion Ratio Lower Upper

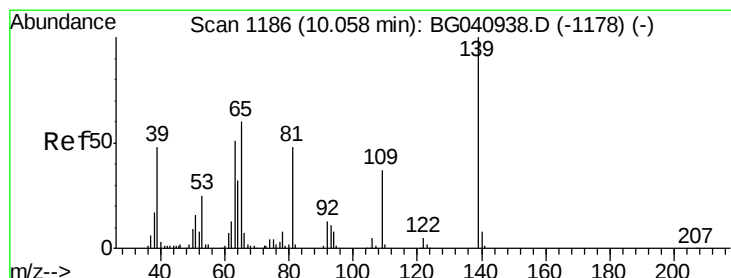
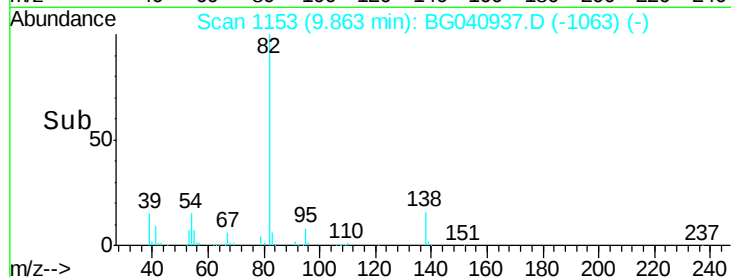
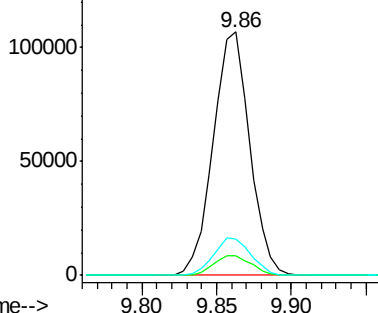
82 100

95 8.1 7.0 10.4

138 15.1 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: 21.397 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

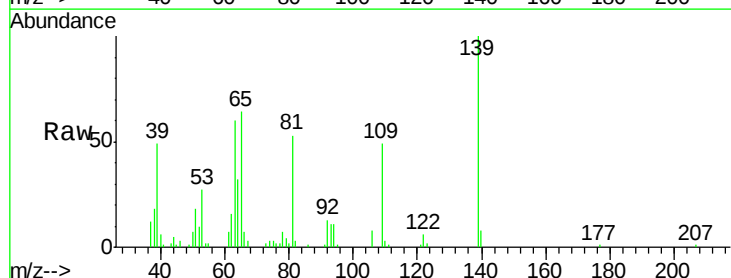
Tgt Ion: 139 Resp: 37980

Ion Ratio Lower Upper

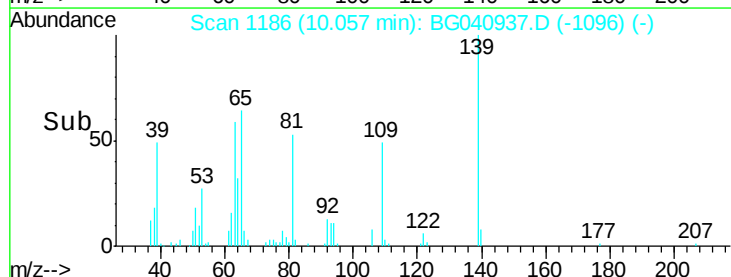
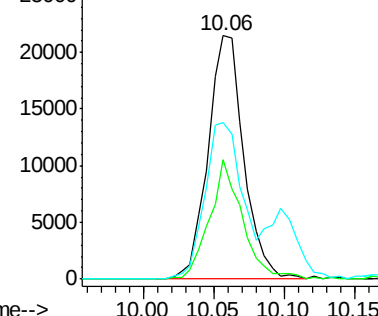
139 100

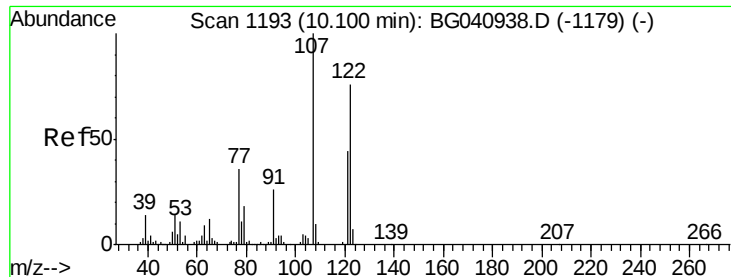
109 49.0 29.8 44.6#

65 64.3 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: 20.628 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

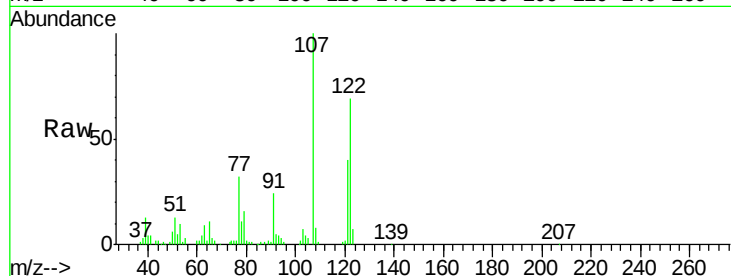
Tgt Ion:122 Resp: 68698

Ion Ratio Lower Upper

122 100

107 145.3 105.9 158.9

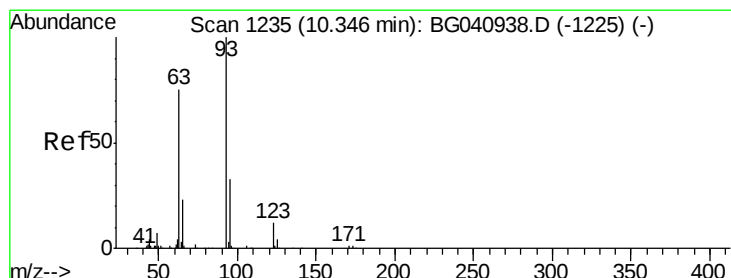
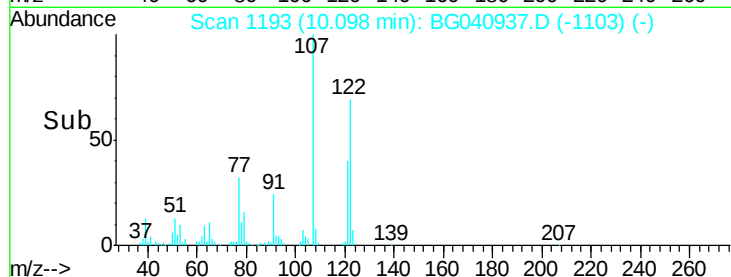
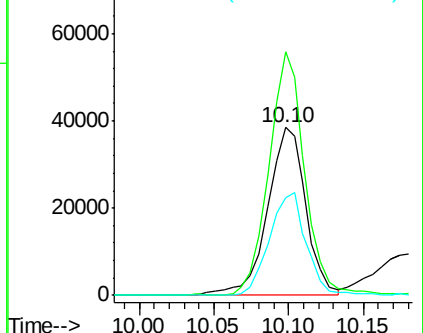
121 58.4 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 19.342 ng

RT: 10.34 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

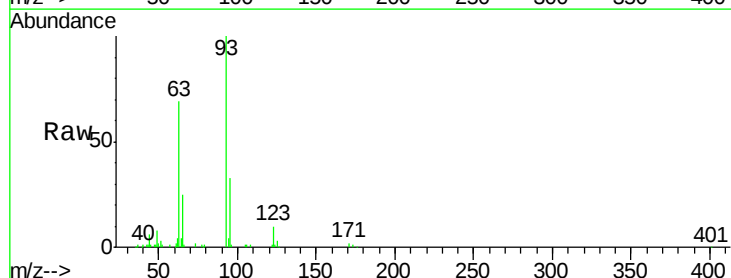
Tgt Ion: 93 Resp: 100323

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

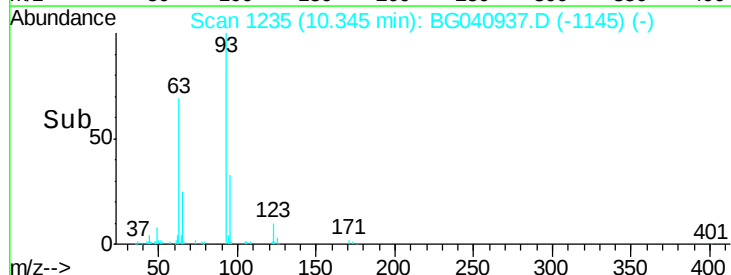
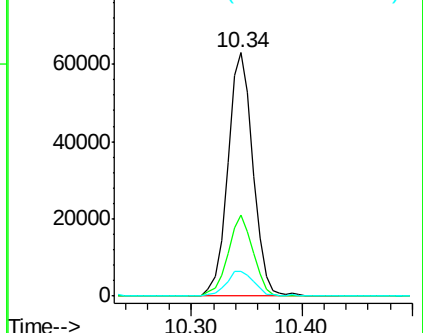
123 10.0 9.5 14.3

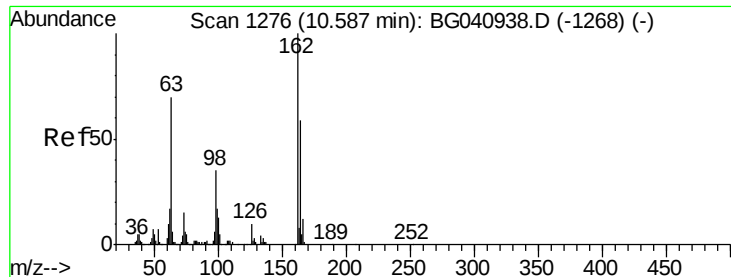


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 23.251 ng

RT: 10.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

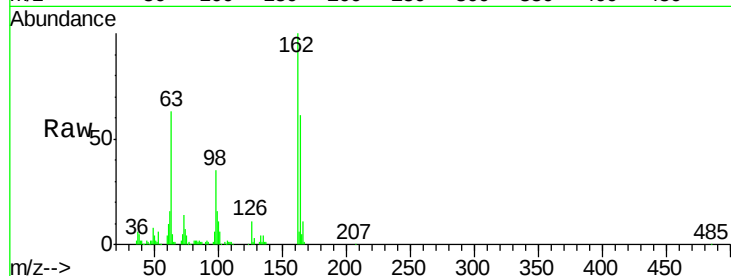
Tgt Ion:162 Resp: 88034

Ion Ratio Lower Upper

162 100

164 60.6 39.4 79.4

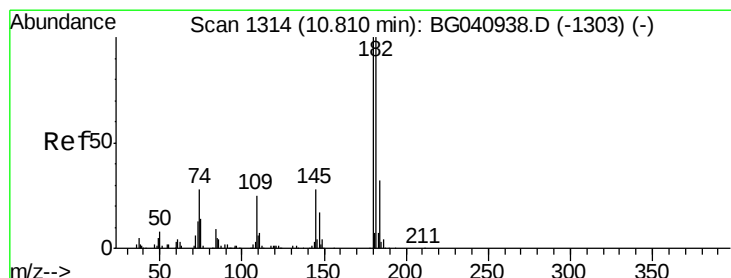
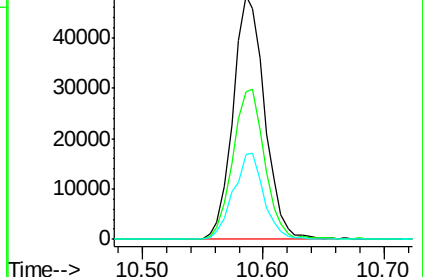
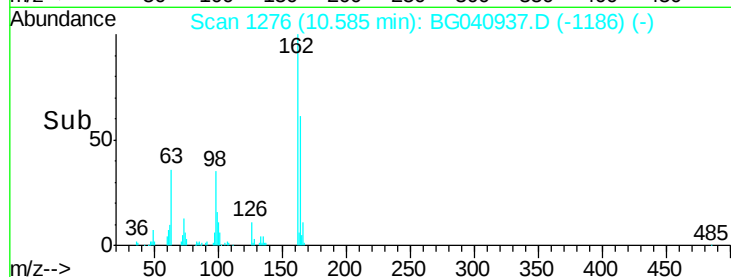
98 35.0 15.3 55.3



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): B



#30

1,2,4-Trichlorobenzene

Concen: 22.824 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

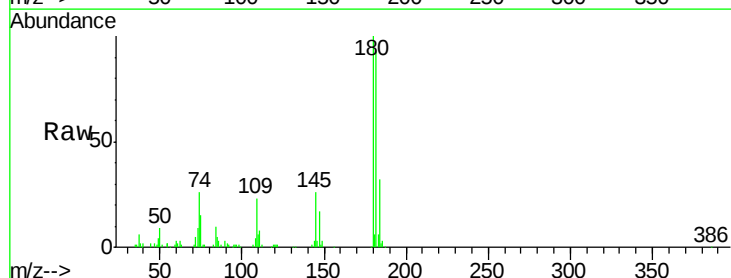
Tgt Ion:180 Resp: 95830

Ion Ratio Lower Upper

180 100

182 92.9 79.7 119.5

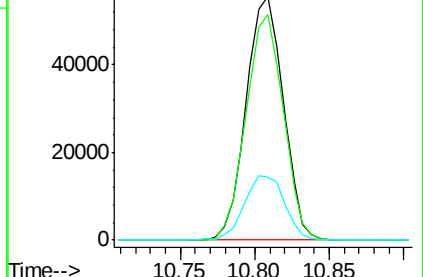
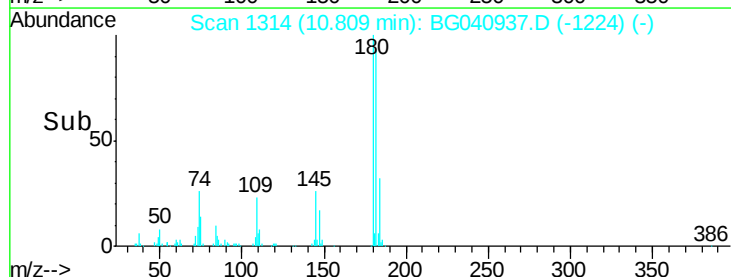
145 26.0 22.6 34.0

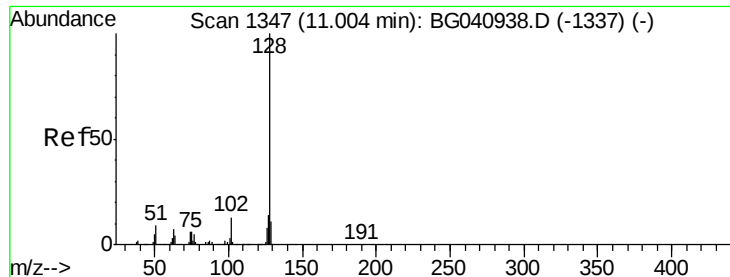


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

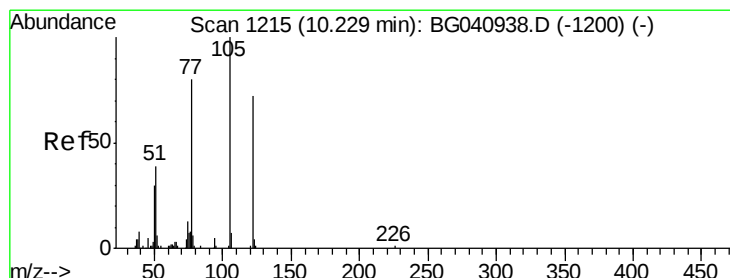
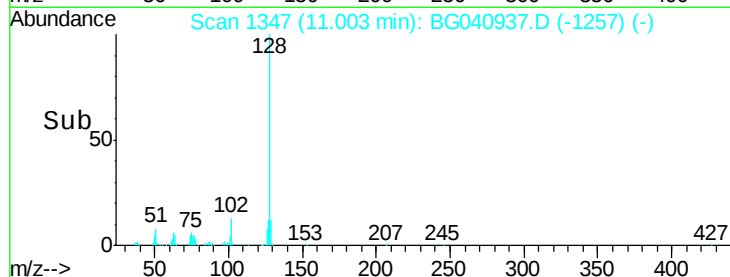
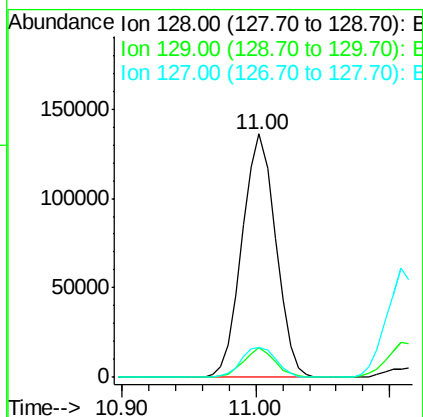
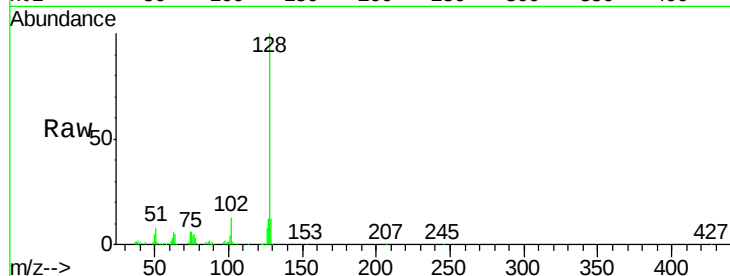




#31
Naphthalene
Concen: 20.842 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

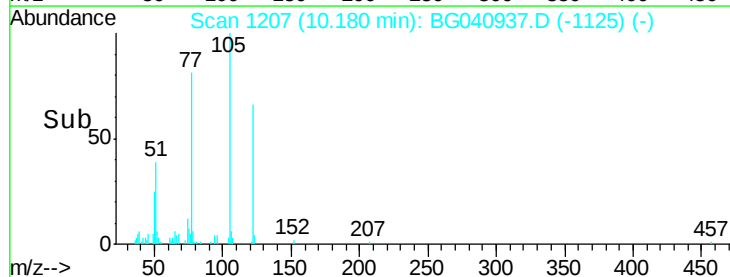
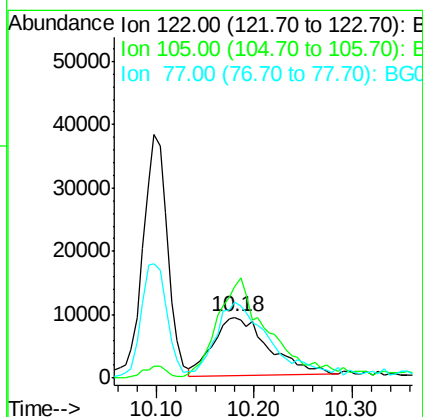
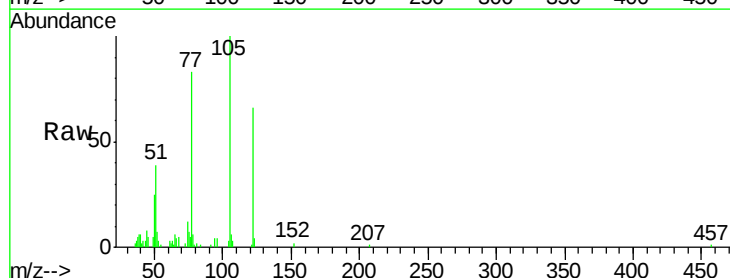
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 237455
Ion Ratio Lower Upper
128 100
129 12.2 8.5 12.7
127 12.3 11.4 17.2



#32
Benzoic acid
Concen: 16.038 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.05 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion:122 Resp: 36566
Ion Ratio Lower Upper
122 100
105 151.2 114.8 154.8
77 125.9 89.9 129.9

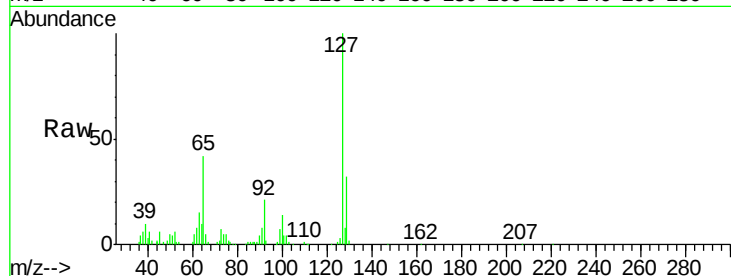




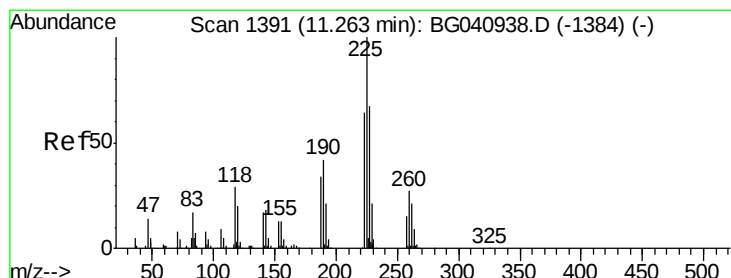
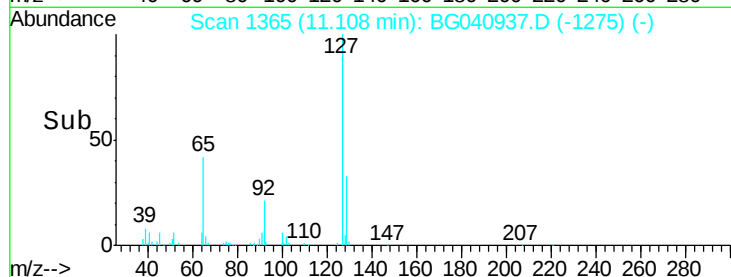
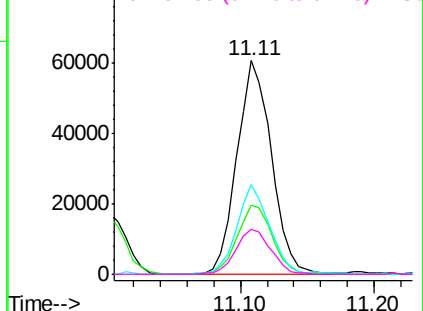
#33
4-Chloroaniline
Concen: 21.544 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tgt Ion:	127	Resp:	108827
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.7	41.5
65	41.8	33.2	49.8
92	20.9	17.2	25.8

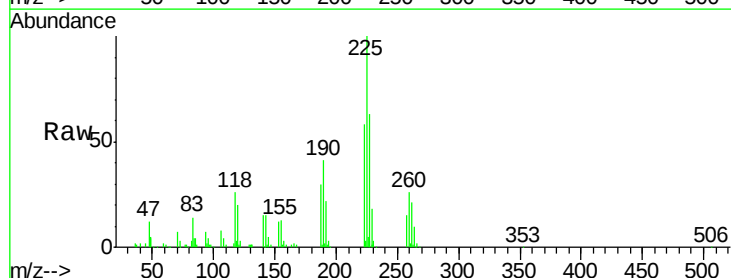


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

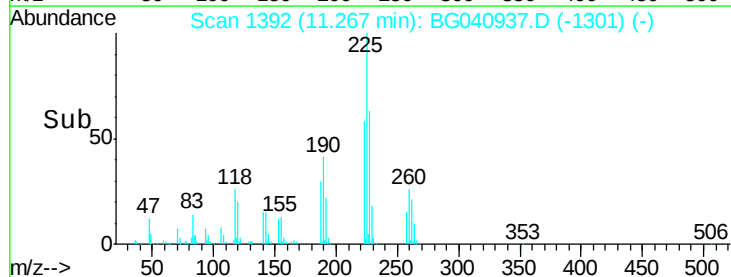
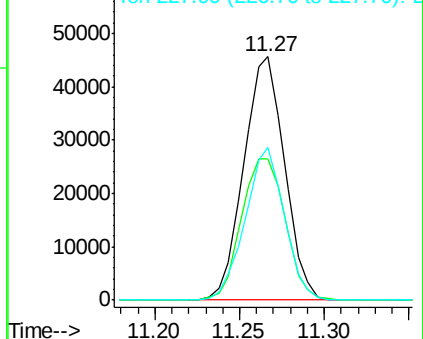


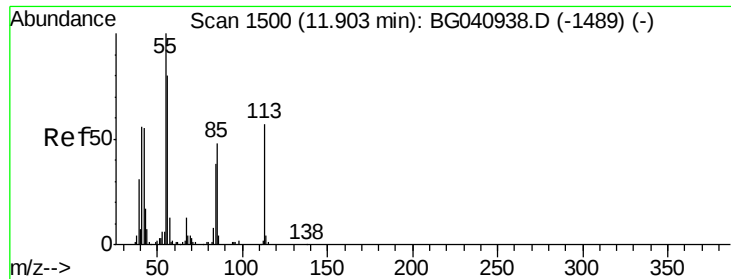
#34
Hexachlorobutadiene
Concen: 24.676 ng
RT: 11.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion:	225	Resp:	76489
Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.8	73.2
227	65.8	51.4	77.0



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

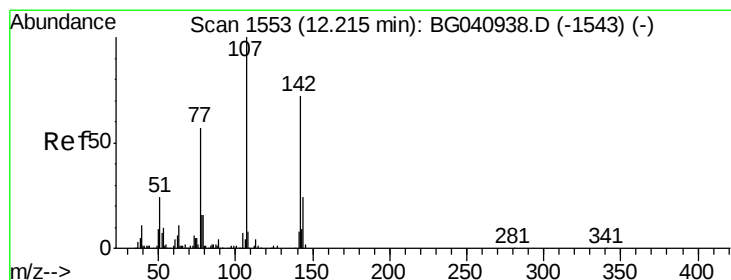
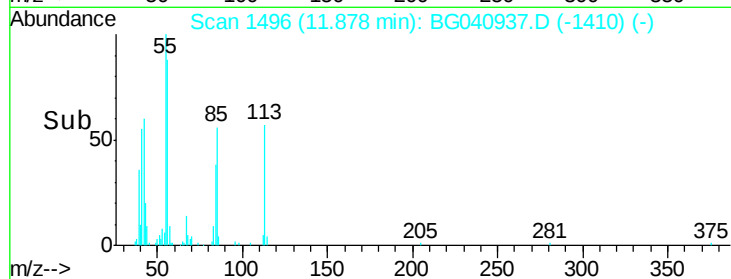
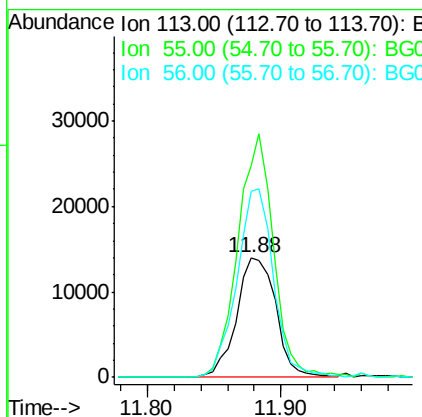
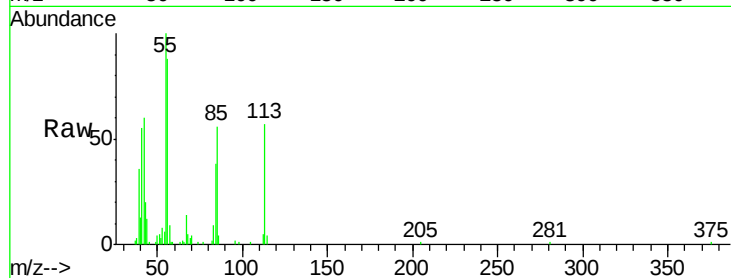




#35
 Caprolactam
 Concen: 19.135 ng
 RT: 11.88 min Scan# 1496
 Delta R.T. -0.03 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

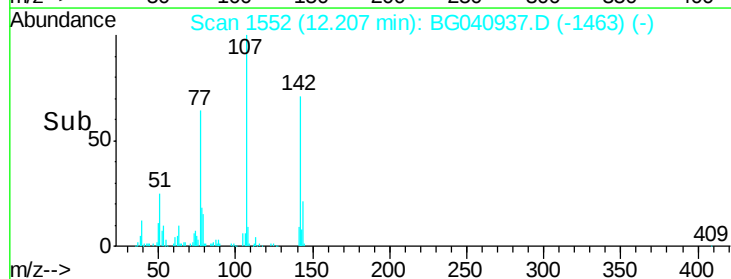
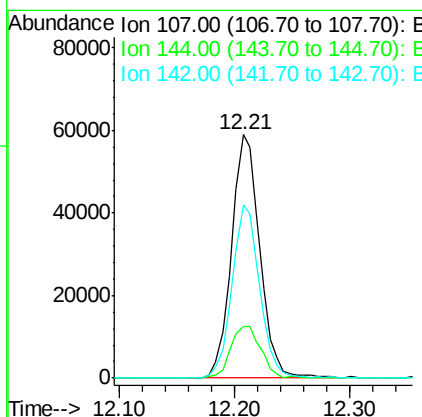
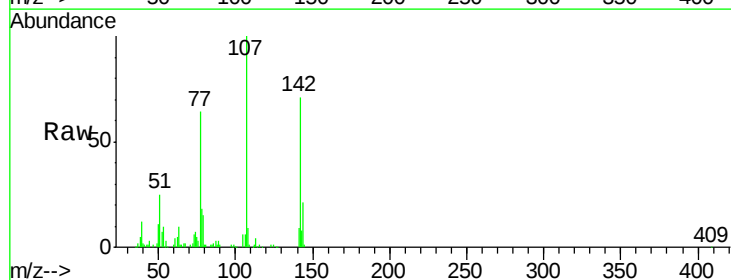
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

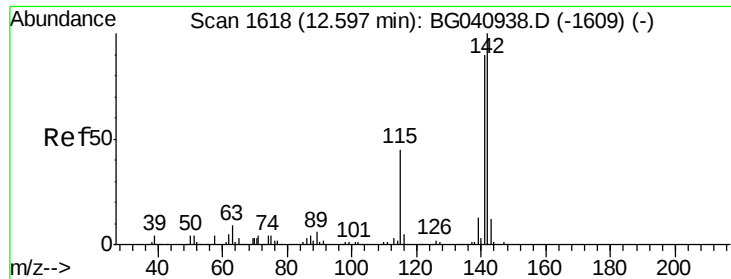
Tgt Ion:113 Resp: 28604
 Ion Ratio Lower Upper
 113 100
 55 176.8 155.9 195.9
 56 155.4 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 20.884 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

Tgt Ion:107 Resp: 99747
 Ion Ratio Lower Upper
 107 100
 144 21.3 19.4 29.0
 142 71.3 57.3 85.9

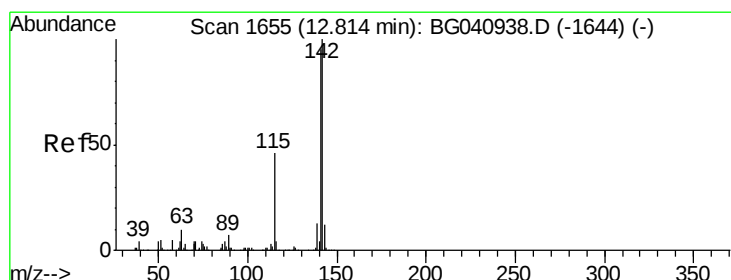
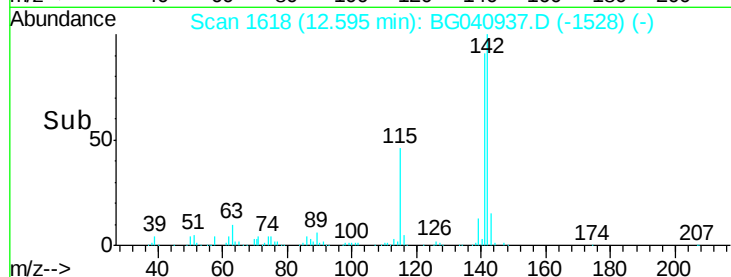
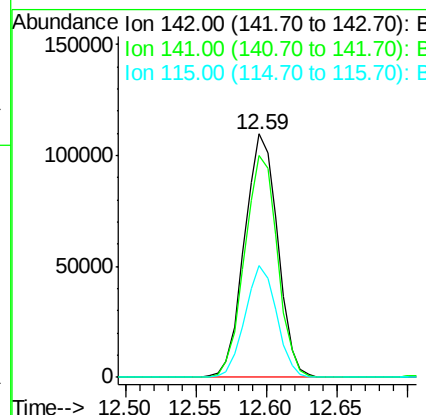
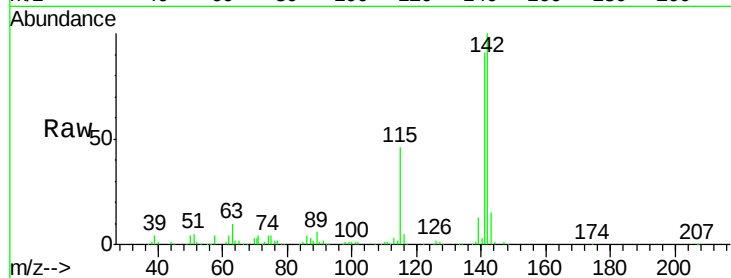




#37
 2-Methylnaphthalene
 Concen: 21.252 ng
 RT: 12.59 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

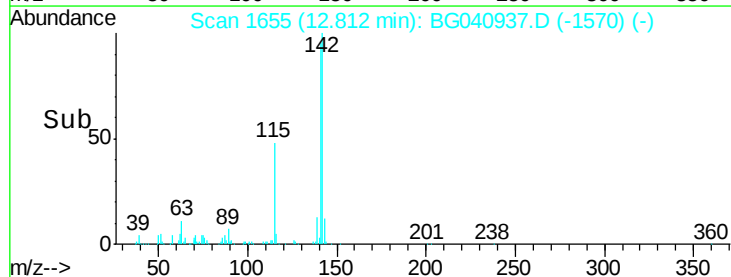
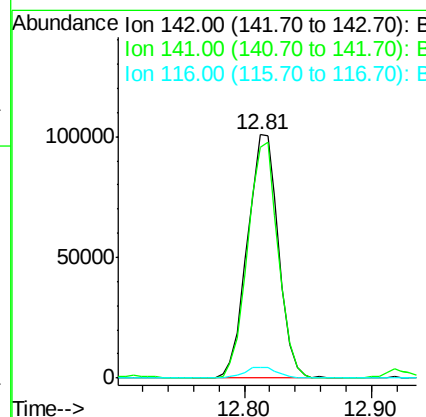
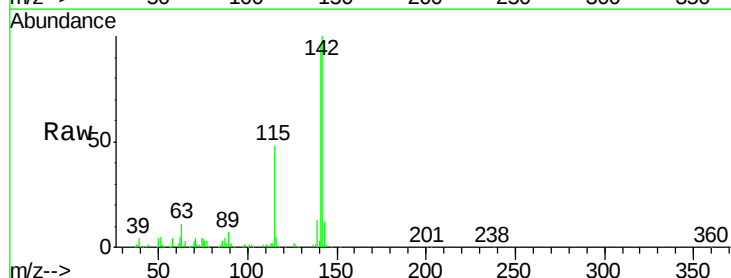
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

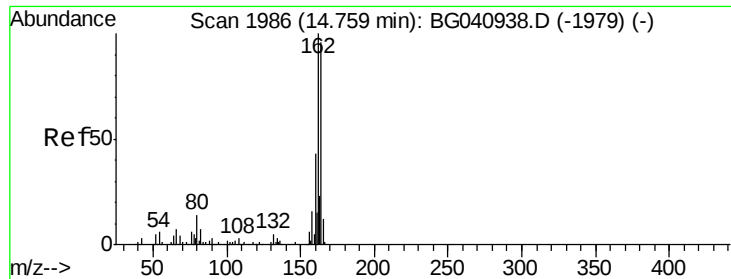
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.2	108.4
115	45.8	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 20.597 ng
 RT: 12.81 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.7	113.5
116	4.6	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

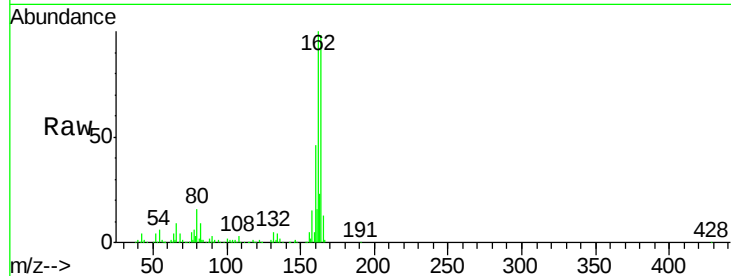
Tgt Ion:164 Resp: 165857

Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.4

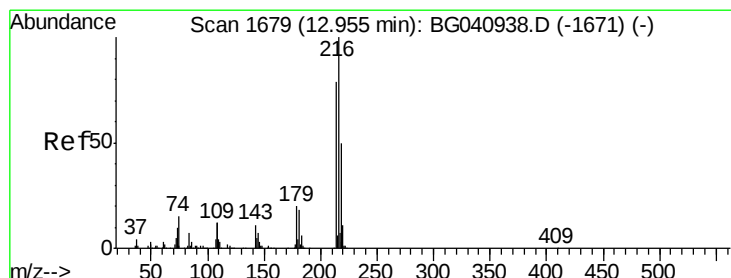
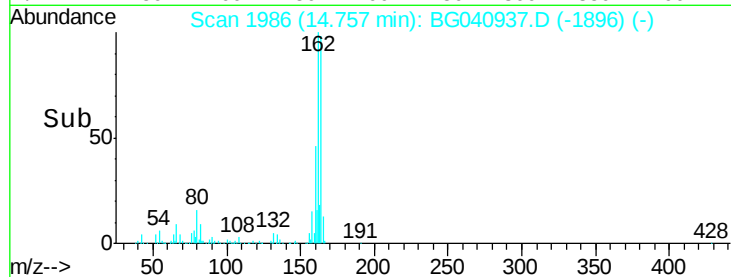
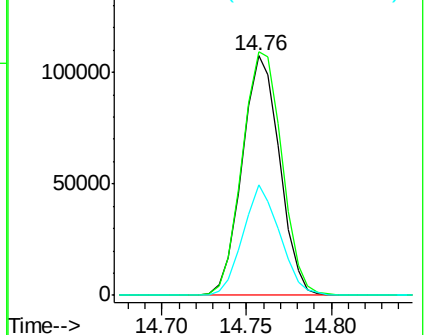
160 46.2 35.6 53.4



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: 21.689 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Tgt Ion:216 Resp: 134010

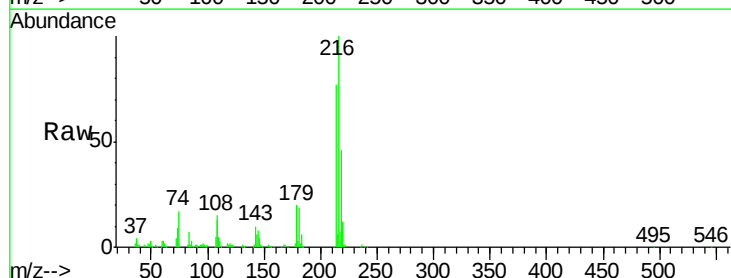
Ion Ratio Lower Upper

216 100

214 81.5 63.4 95.2

179 19.4 15.2 22.8

108 15.5 11.4 17.2

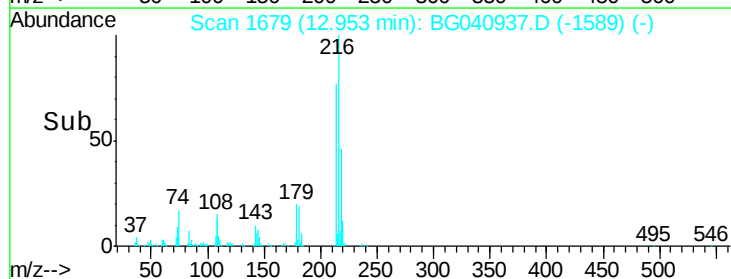
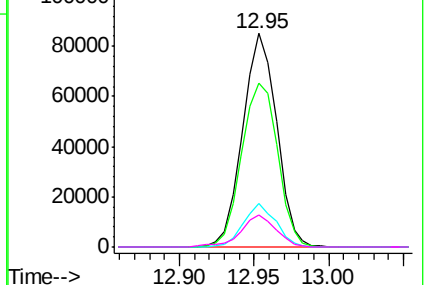


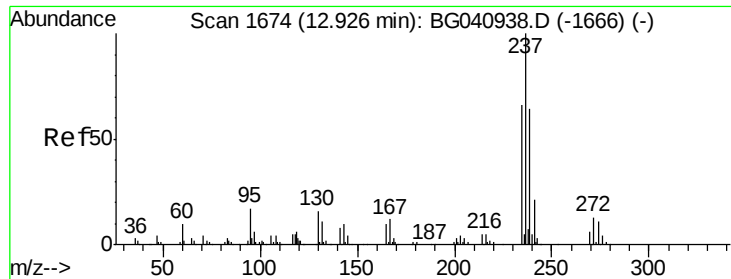
Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.028 ng

RT: 12.92 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

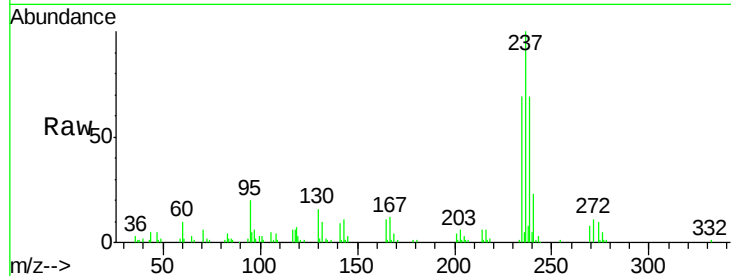
Tgt Ion: 237 Resp: 47497

Ion Ratio Lower Upper

237 100

235 69.2 45.5 85.5

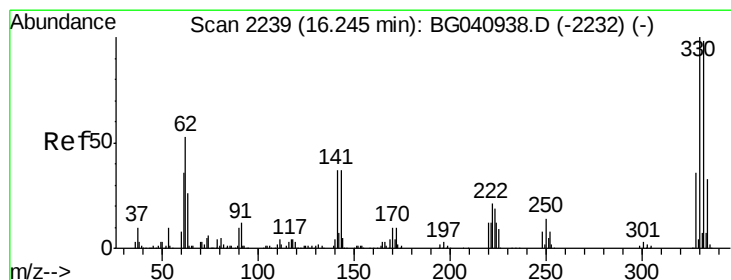
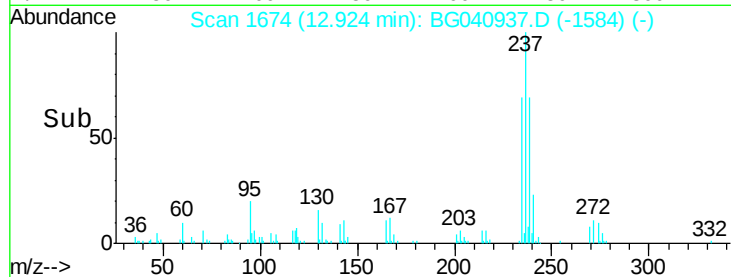
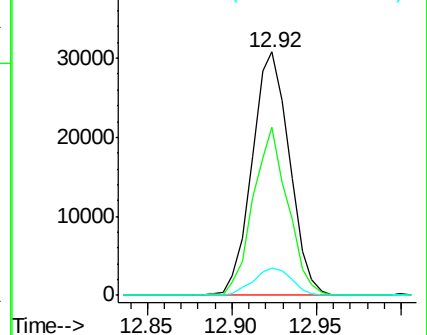
272 11.2 0.0 32.9



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: 42.957 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

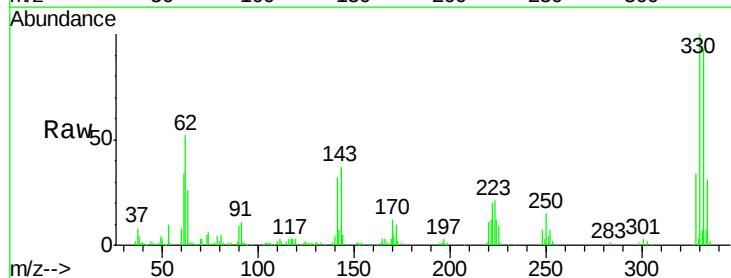
Tgt Ion: 330 Resp: 97932

Ion Ratio Lower Upper

330 100

332 94.2 78.5 117.7

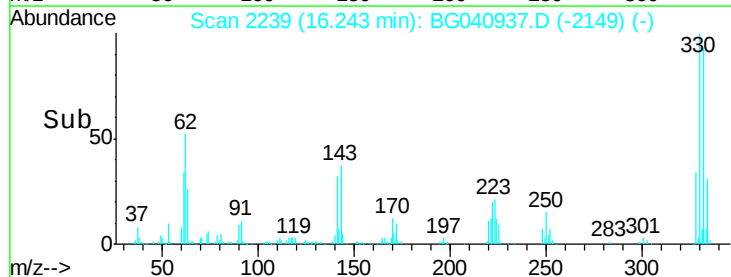
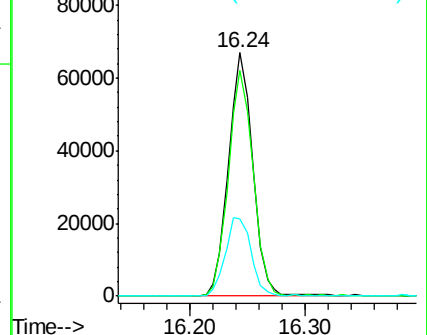
141 34.3 28.7 43.1



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

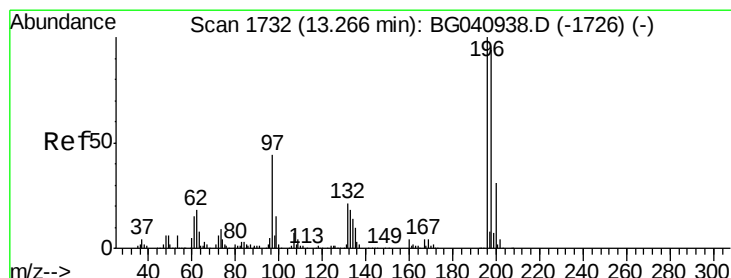
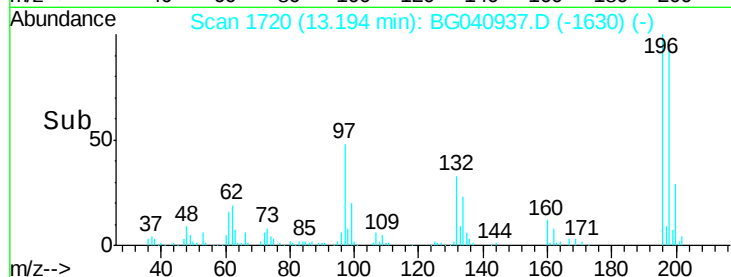
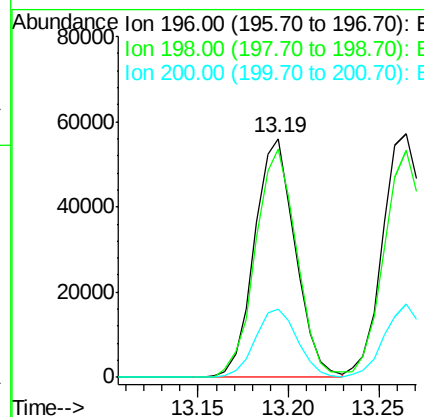
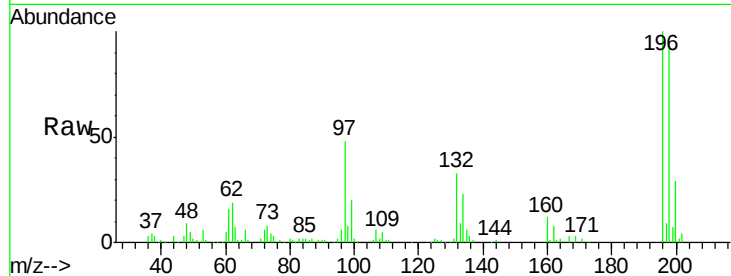




#43
 2,4,6-Trichlorophenol
 Concen: 23.446 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

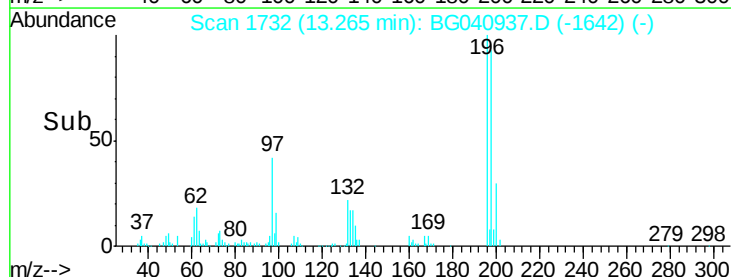
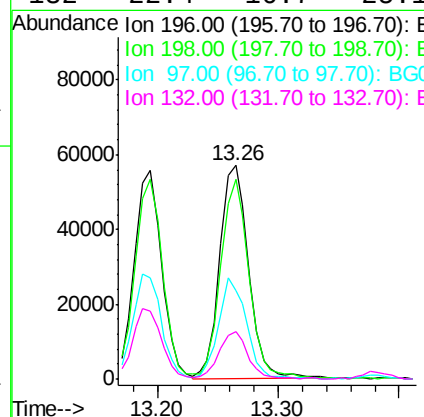
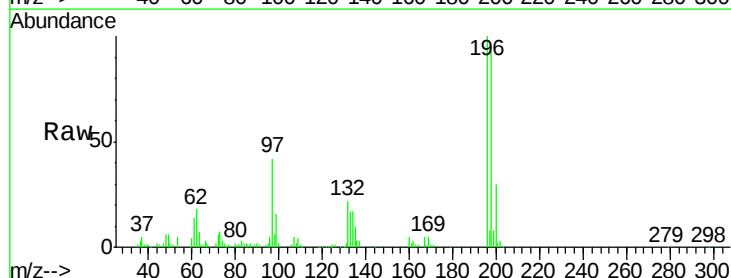
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

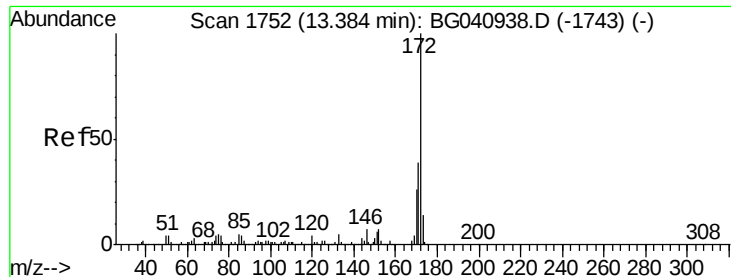
Tgt Ion:196 Resp: 87542
 Ion Ratio Lower Upper
 196 100
 198 95.5 73.8 110.6
 200 28.9 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 23.248 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

Tgt Ion:196 Resp: 94560
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.1 112.7
 97 41.6 35.6 53.4
 132 22.4 16.7 25.1

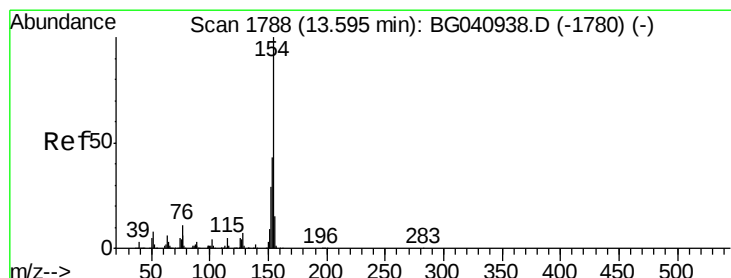
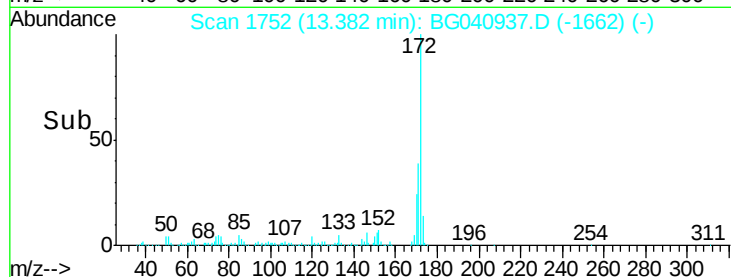
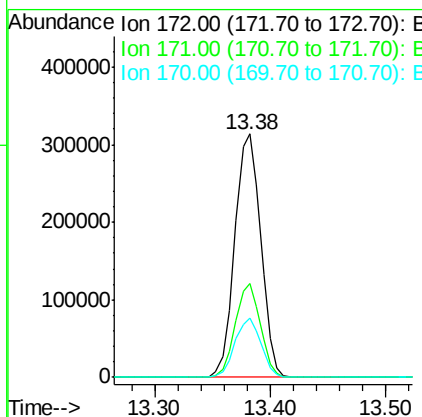
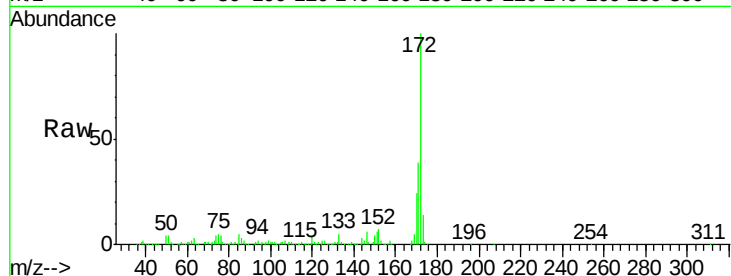




#45
 2-Fluorobiphenyl
 Concen: 42.470 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

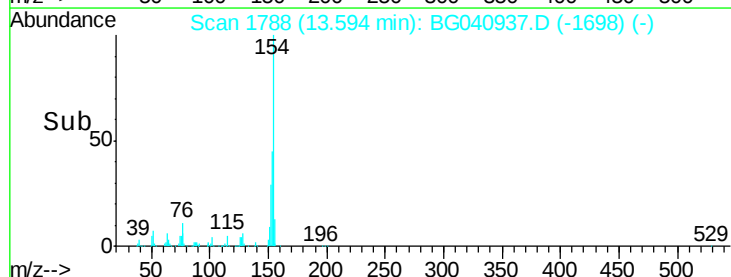
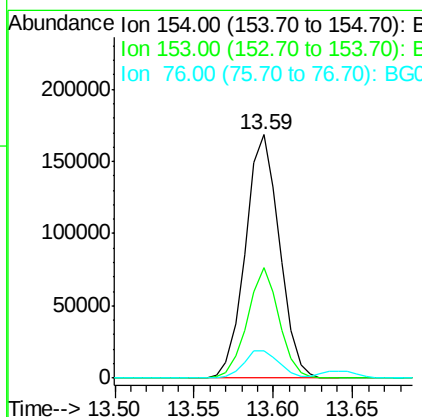
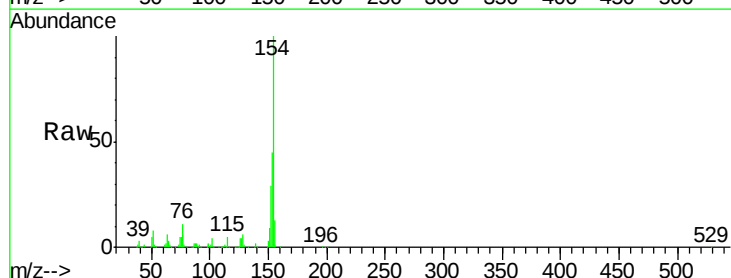
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

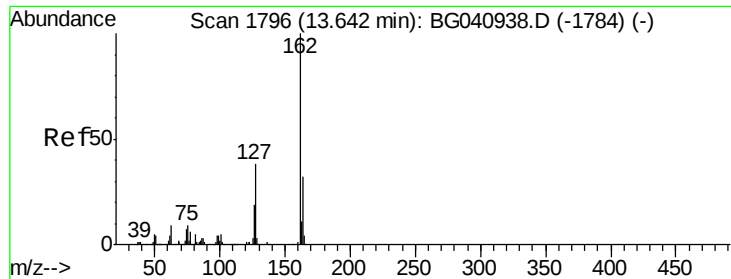
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.1	46.7
170	24.2	20.5	30.7



#46
 1,1'-Biphenyl
 Concen: 19.490 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.3	23.3	63.3
76	11.3	0.0	31.1

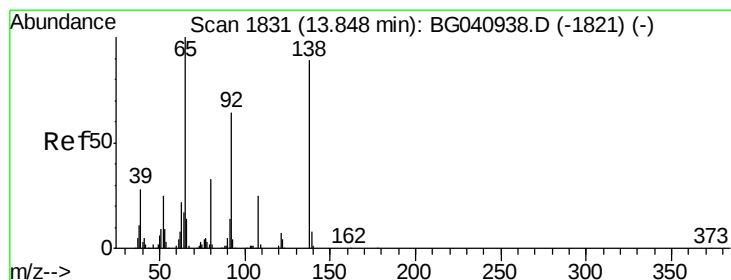
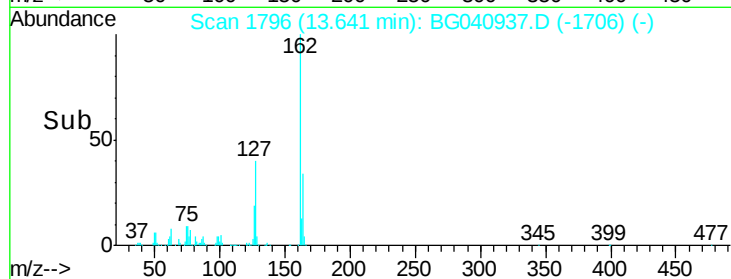
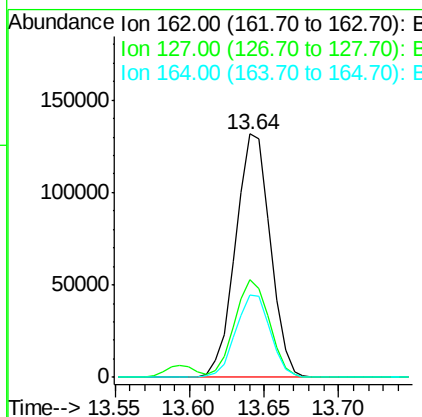
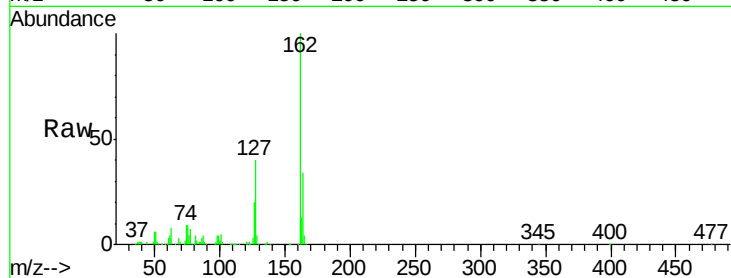




#47
 2-Chloronaphthalene
 Concen: 21.176 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

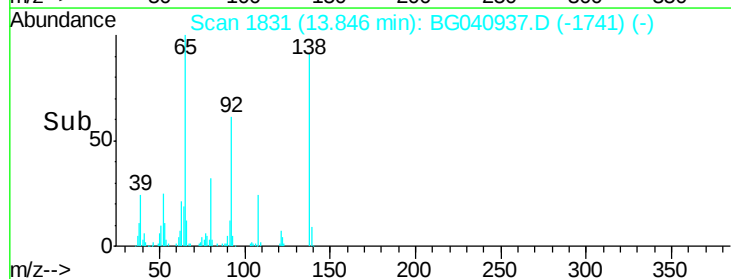
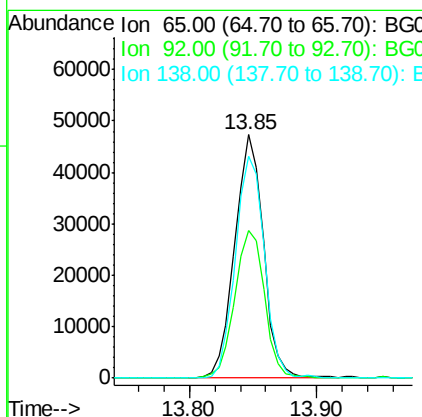
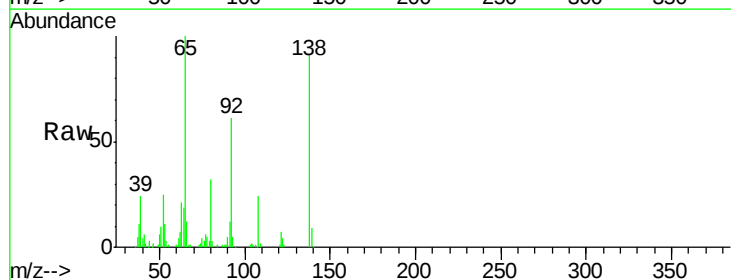
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

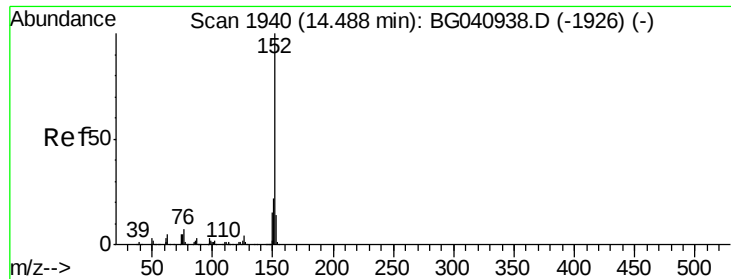
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.5	45.7
164	33.8	25.8	38.6



#48
 2-Nitroaniline
 Concen: 20.687 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.7	51.0	76.6
138	91.0	71.2	106.8





#49

Acenaphthylene

Concen: 19.536 ng

RT: 14.49 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

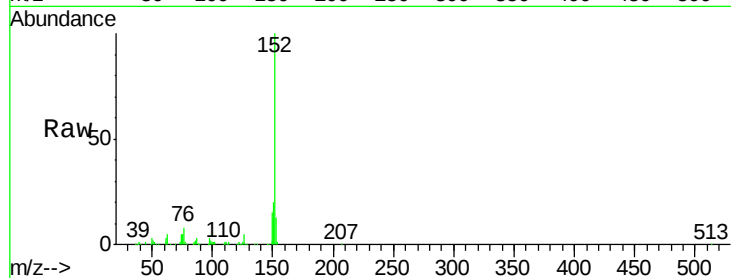
Tgt Ion:152 Resp: 334027

Ion Ratio Lower Upper

152 100

151 19.9 17.4 26.0

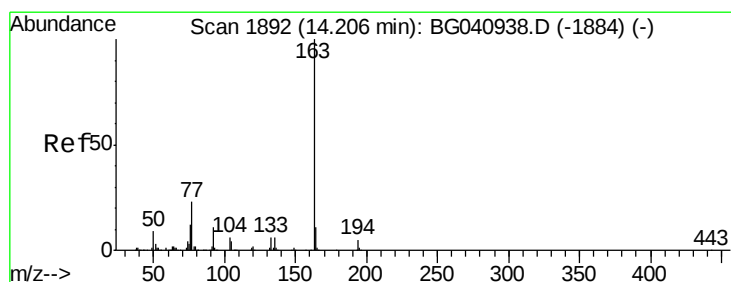
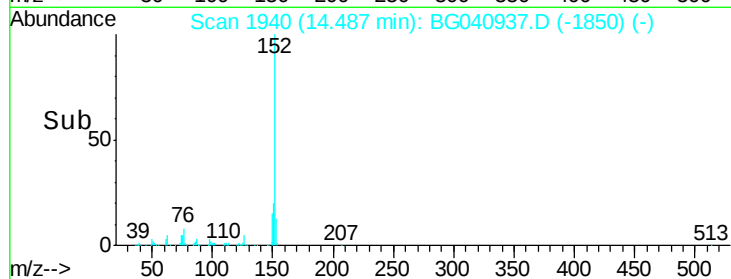
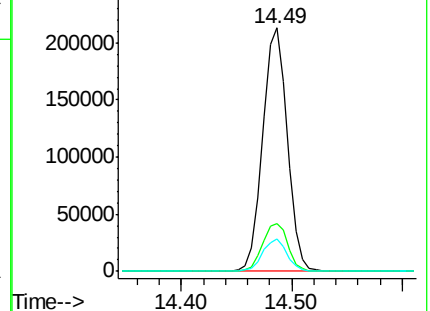
153 13.1 11.0 16.4



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: 21.006 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

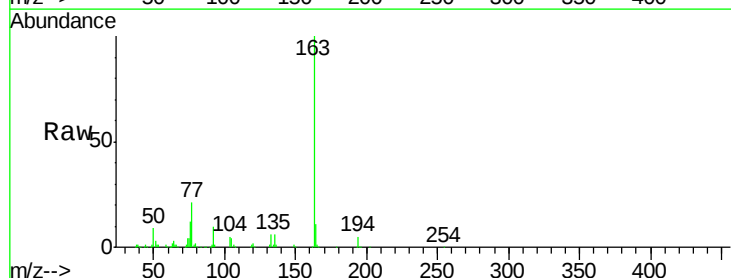
Tgt Ion:163 Resp: 291492

Ion Ratio Lower Upper

163 100

194 5.4 3.8 5.8

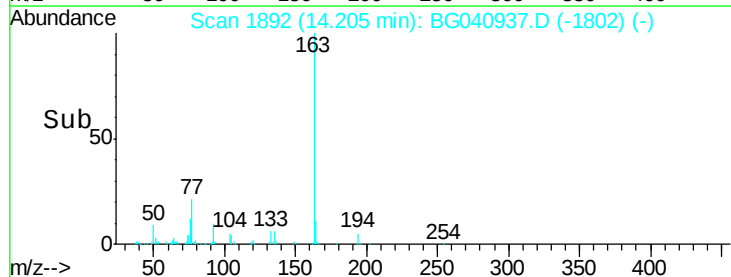
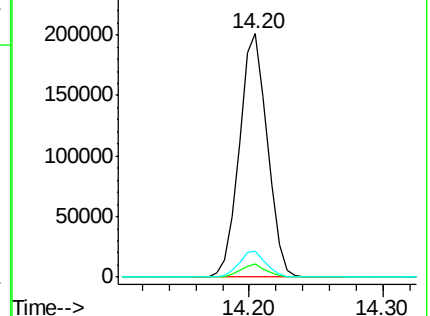
164 10.8 8.7 13.1

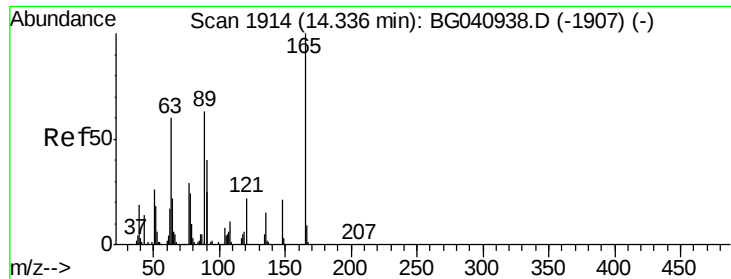


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 22.349 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

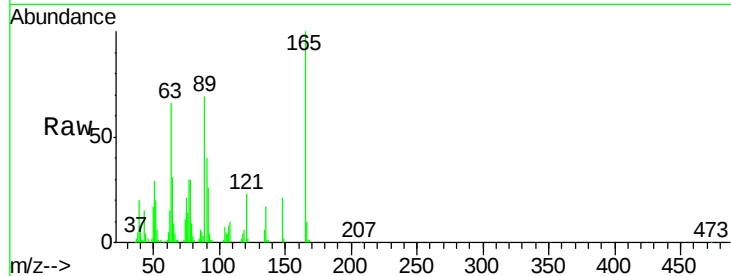
Tgt Ion:165 Resp: 60530

Ion Ratio Lower Upper

165 100

63 65.9 53.6 80.4

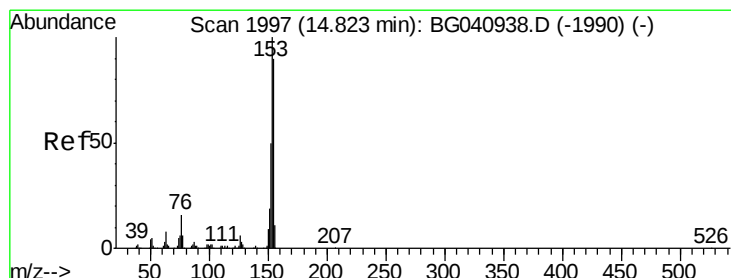
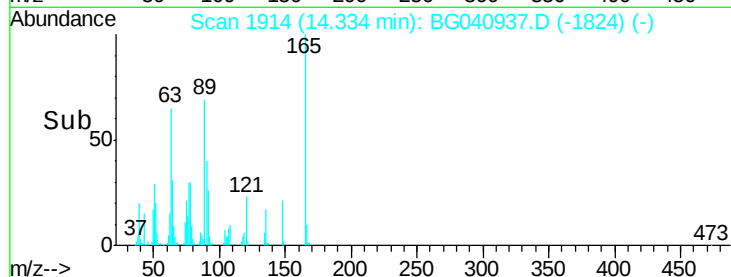
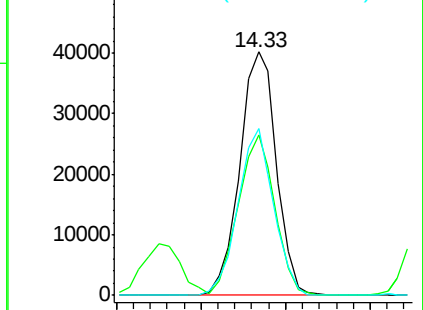
89 68.7 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 19.818 ng

RT: 14.82 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

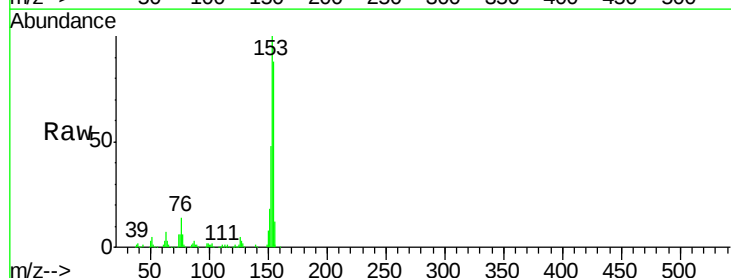
Tgt Ion:154 Resp: 197333

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

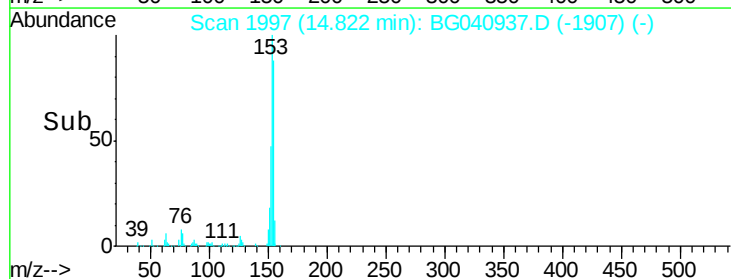
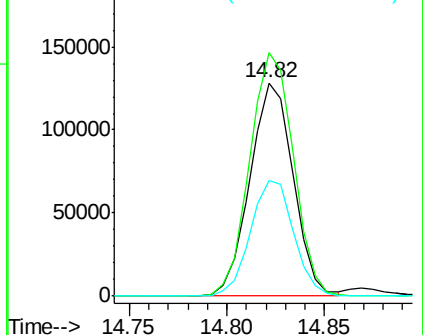
152 54.5 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

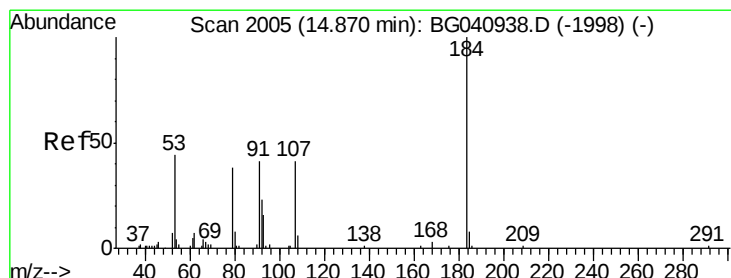
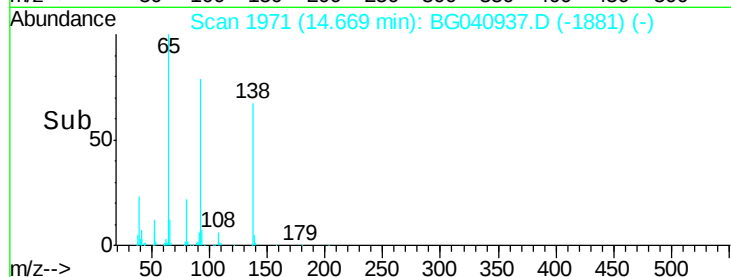
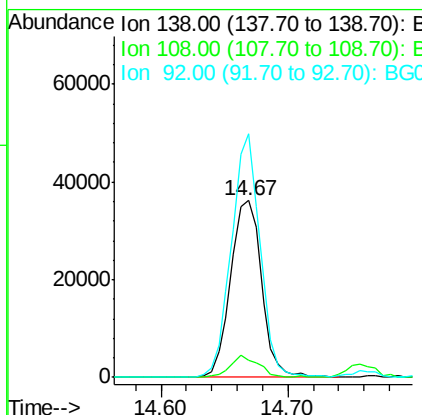
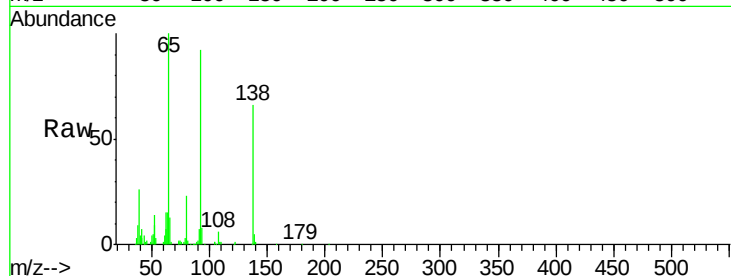




#53
3-Nitroaniline
Concen: 22.020 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

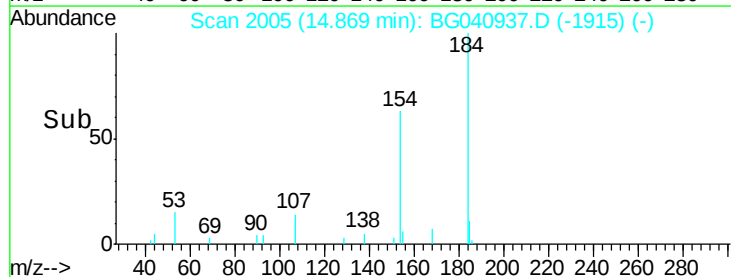
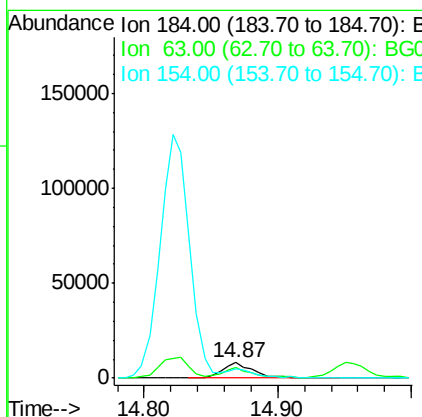
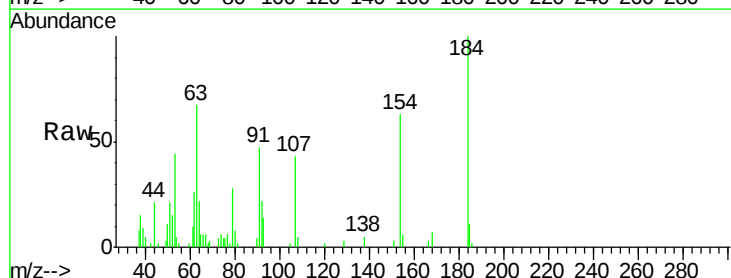
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

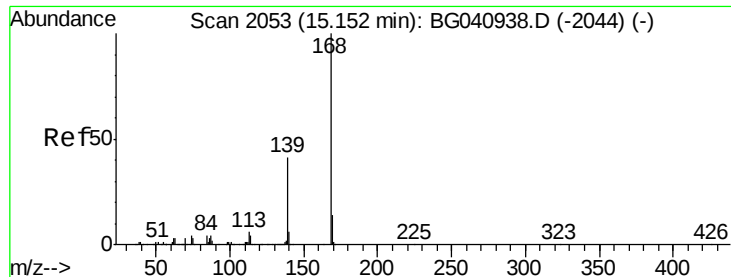
Tgt Ion:138 Resp: 61106
Ion Ratio Lower Upper
138 100
108 9.5 8.5 12.7
92 137.7 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 10.039 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion:184 Resp: 13401
Ion Ratio Lower Upper
184 100
63 67.4 49.8 74.6
154 62.7 52.2 78.4





#55

Dibenzofuran

Concen: 20.814 ng

RT: 15.16 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

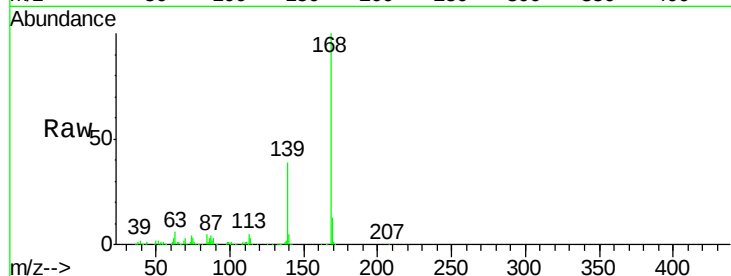
Tgt Ion:168 Resp: 339454

Ion Ratio Lower Upper

168 100

139 38.6 32.8 49.2

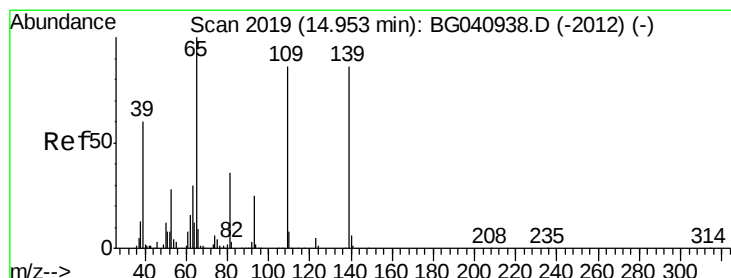
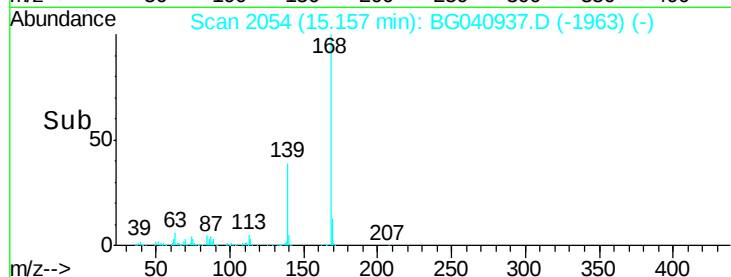
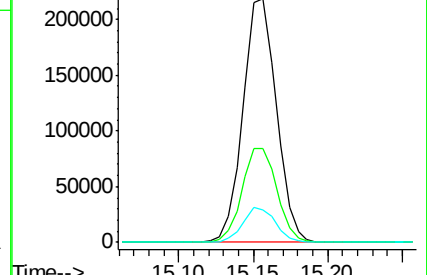
169 13.3 11.3 16.9



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: 15.906 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

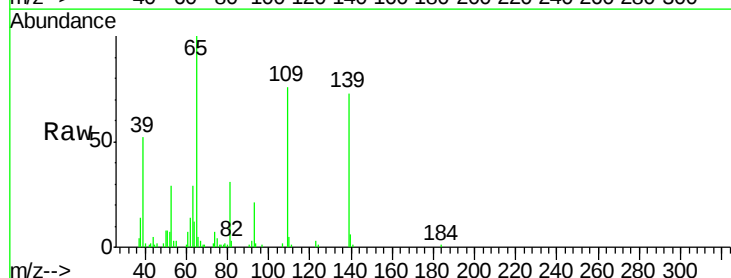
Tgt Ion:139 Resp: 38274

Ion Ratio Lower Upper

139 100

109 103.9 79.6 119.6

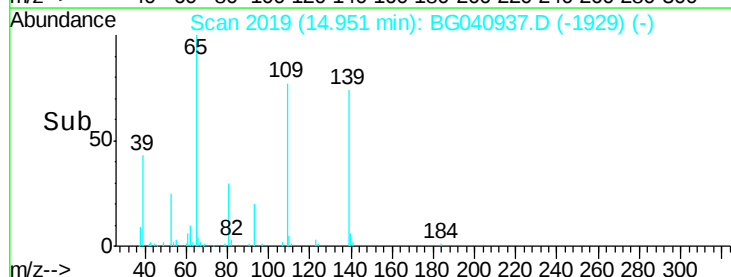
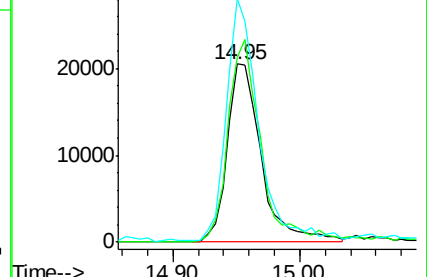
65 136.9 96.9 136.9#

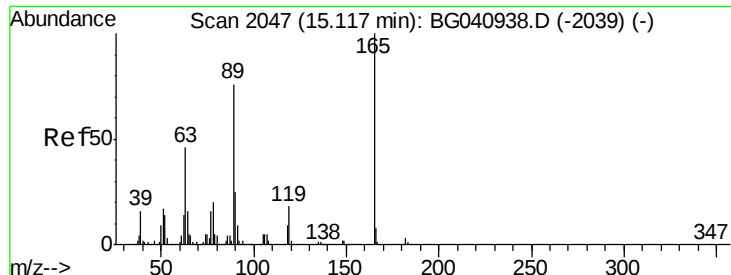


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

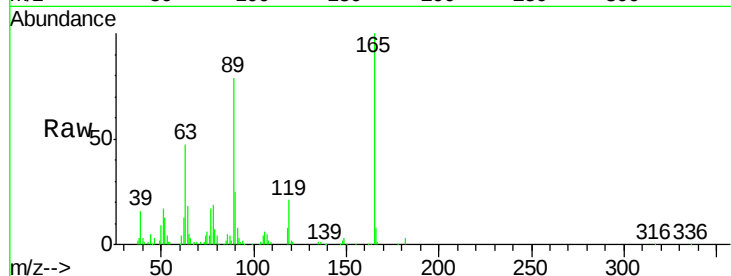




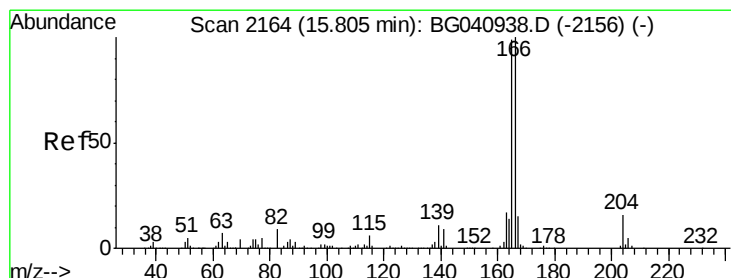
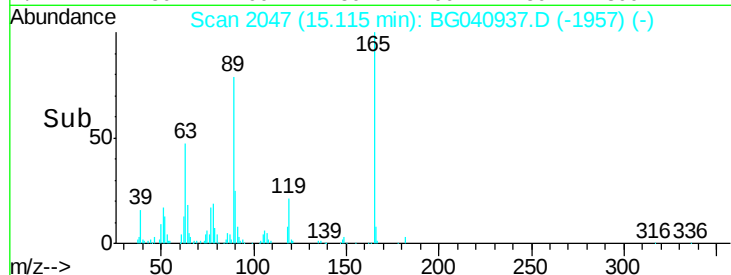
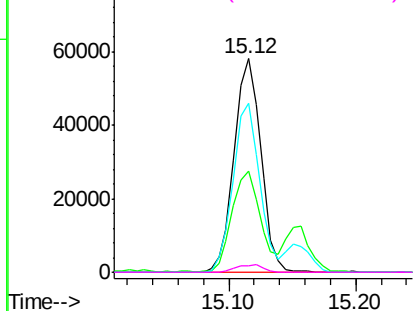
#57
2,4-Dinitrotoluene
Concen: 23.073 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tgt Ion:165 Resp: 84915
Ion Ratio Lower Upper
165 100
63 47.1 37.3 55.9
89 79.4 61.0 91.6
182 3.2 2.2 3.2

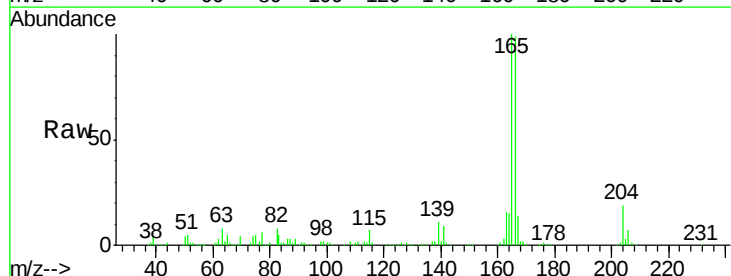


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

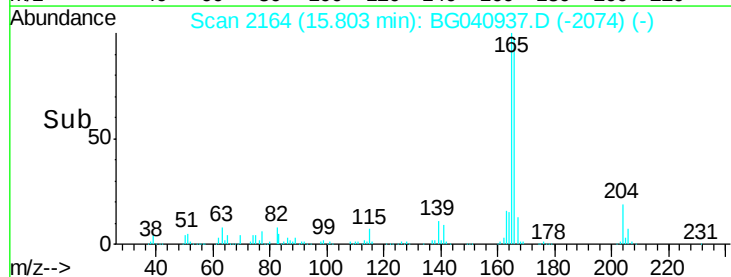
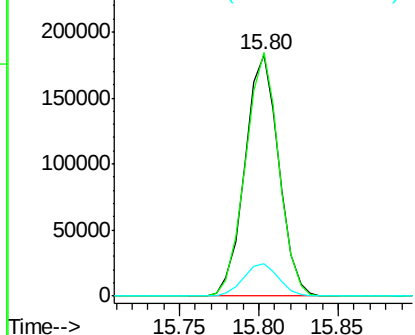


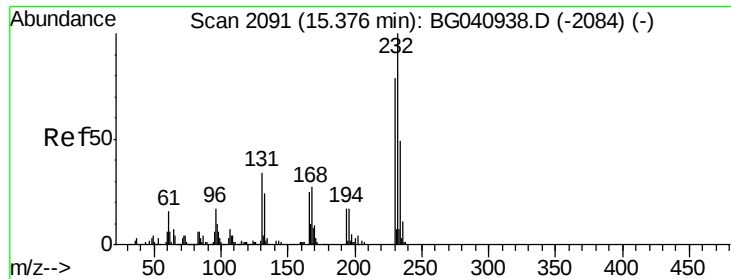
#58
Fluorene
Concen: 20.541 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion:166 Resp: 270773
Ion Ratio Lower Upper
166 100
165 101.0 79.2 118.8
167 13.7 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: 22.671 ng

RT: 15.37 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

Tgt Ion:232 Resp: 92813

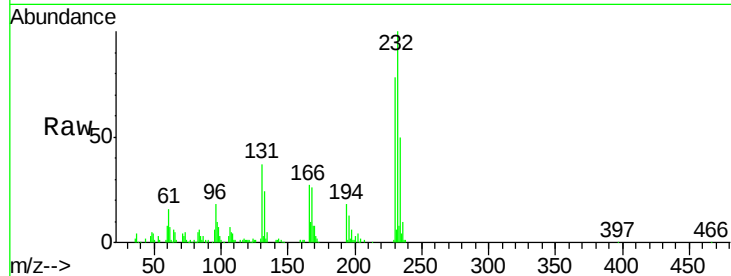
Ion Ratio Lower Upper

232 100

131 37.1 30.3 45.5

130 2.6 1.8 2.8

166 26.4 21.3 31.9

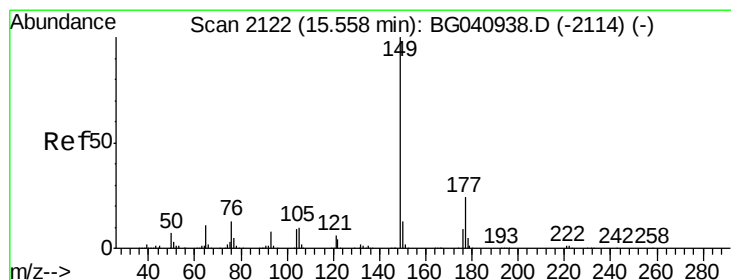
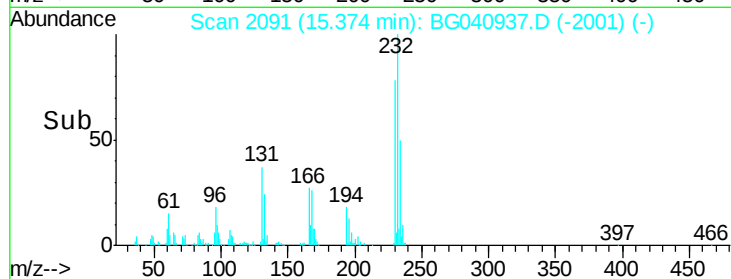
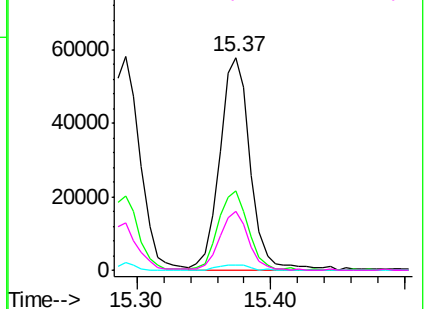


Abundance Ion 232.00 (231.70 to 232.70): E

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: 20.662 ng

RT: 15.56 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

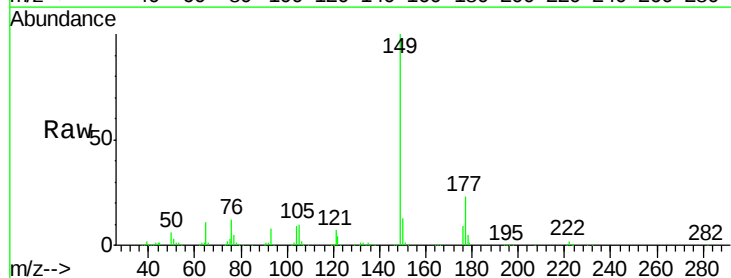
Tgt Ion:149 Resp: 302518

Ion Ratio Lower Upper

149 100

177 22.8 19.4 29.0

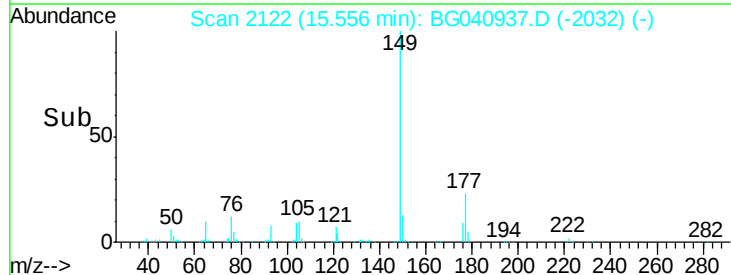
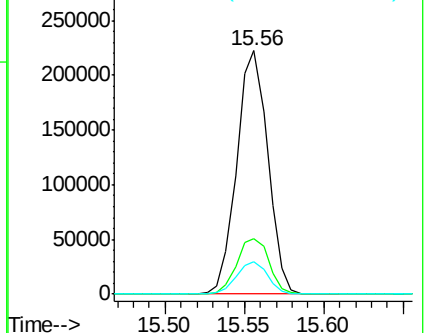
150 13.2 10.3 15.5



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

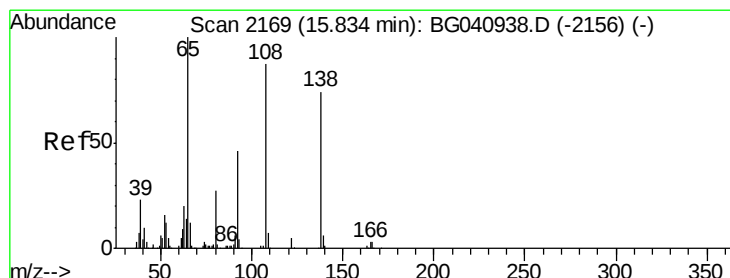
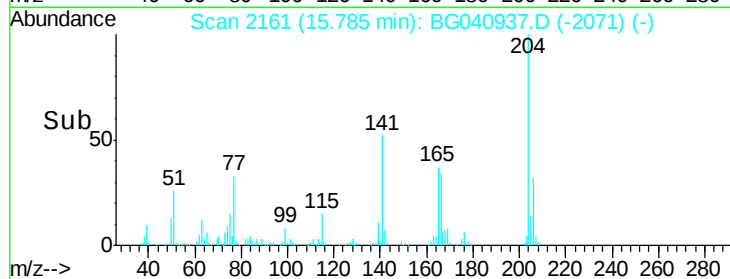
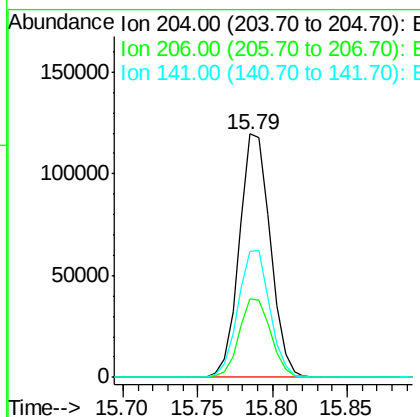
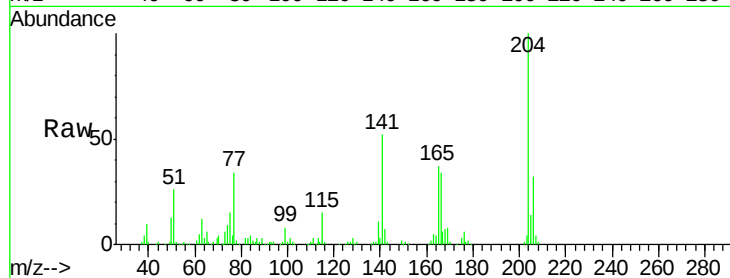




#61
4-Chlorophenyl-phenylether
Concen: 22.432 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

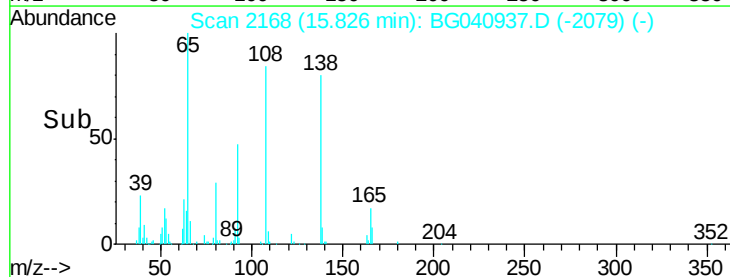
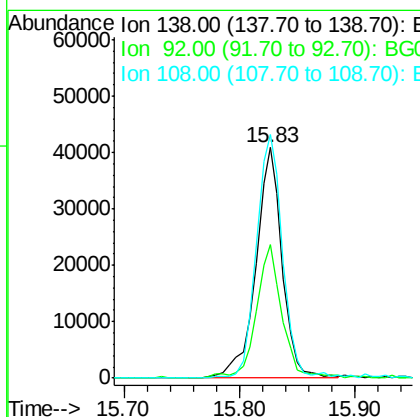
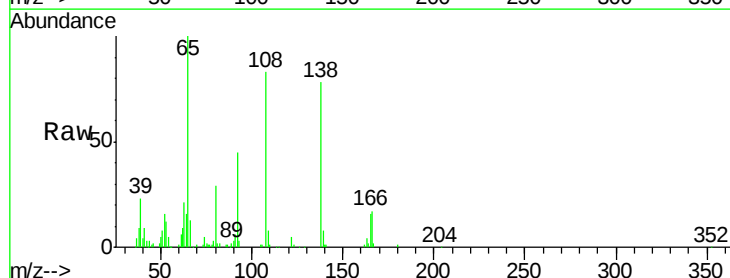
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

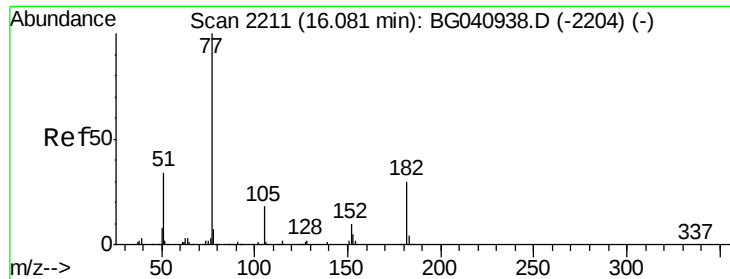
Tgt Ion: 204 Resp: 171984
Ion Ratio Lower Upper
204 100
206 32.2 27.6 41.4
141 51.9 45.1 67.7



#62
4-Nitroaniline
Concen: 20.900 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion: 138 Resp: 64878
Ion Ratio Lower Upper
138 100
92 58.0 42.4 82.4
108 105.6 96.9 136.9





#63

Azobenzene

Concen: 18.090 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

Tgt Ion: 77 Resp: 272775

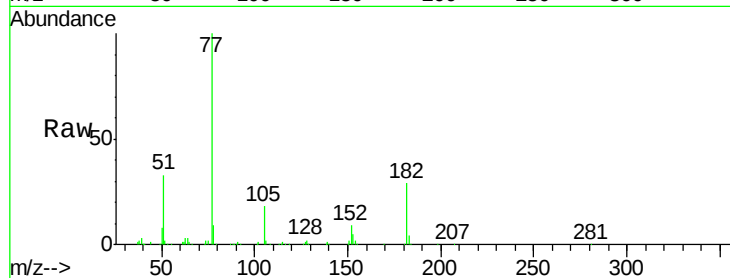
Ion Ratio Lower Upper

77 100

182 28.5 9.6 49.6

105 18.5 0.0 37.5

51 33.5 13.7 53.7

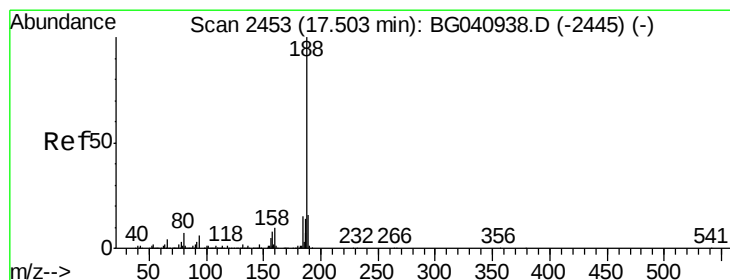
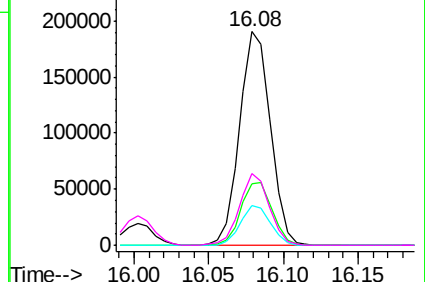
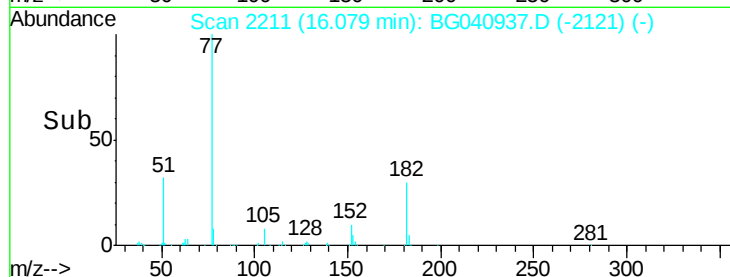


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG040937.D

Acq: 29 May 2019 14:52

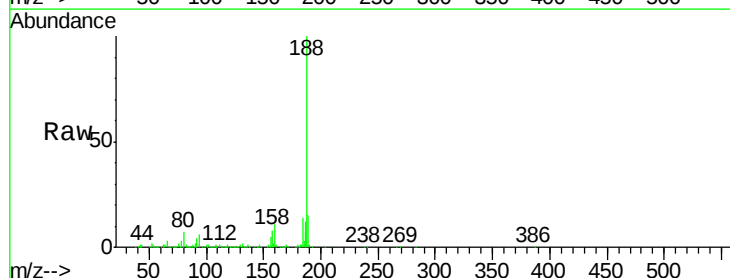
Tgt Ion: 188 Resp: 420327

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

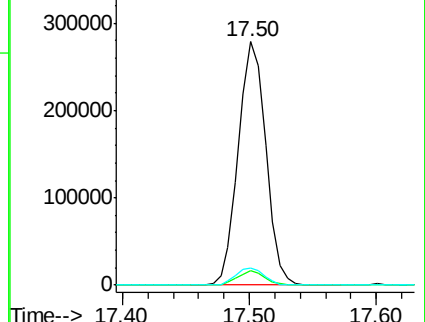
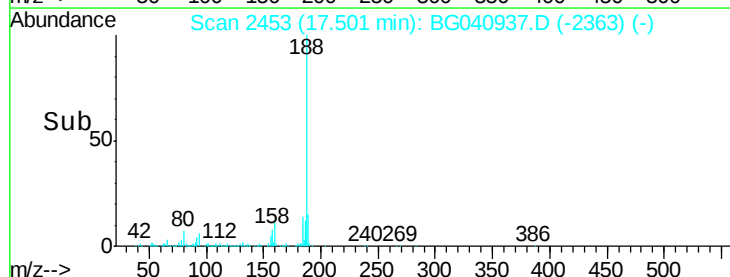
80 7.1 5.8 8.8

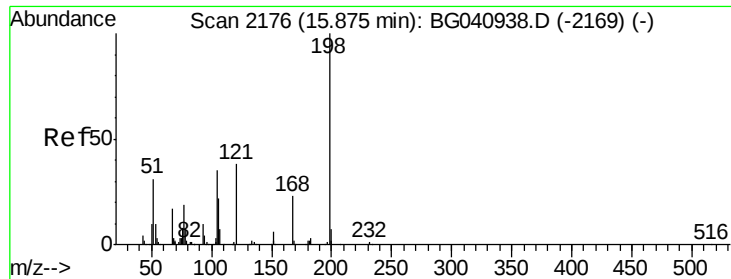


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 15.835 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

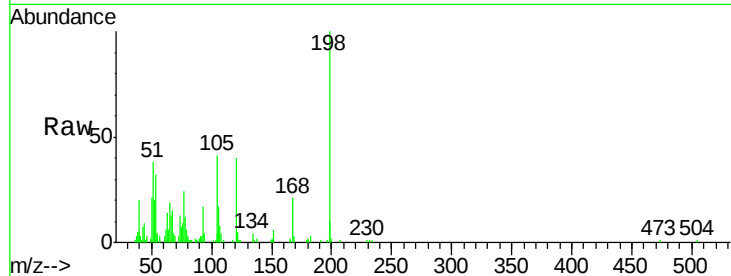
Tgt Ion:198 Resp: 30632

Ion Ratio Lower Upper

198 100

51 37.9 21.6 61.6

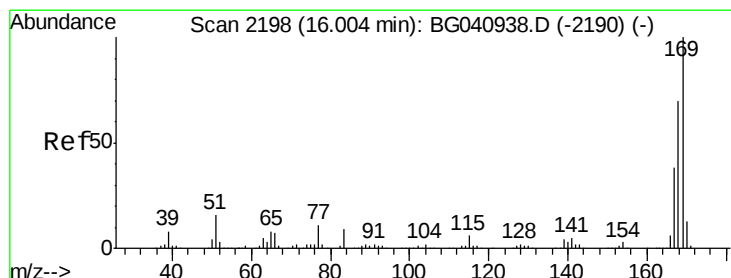
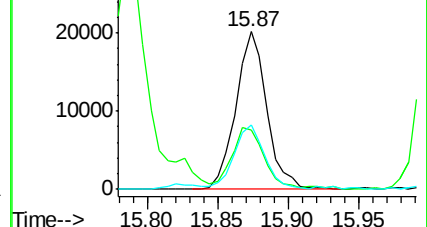
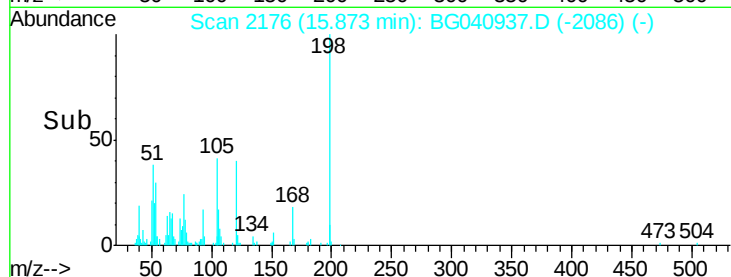
105 40.6 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040937.D (-2169) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 19.370 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

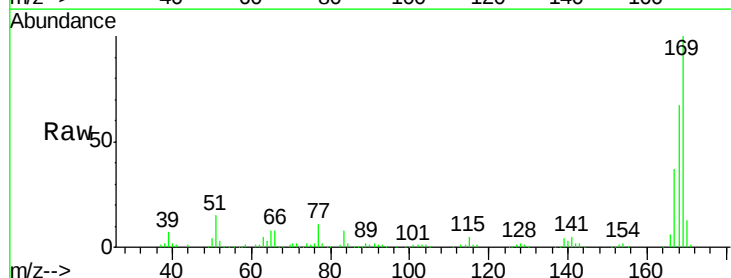
Tgt Ion:169 Resp: 239540

Ion Ratio Lower Upper

169 100

168 66.7 55.7 83.5

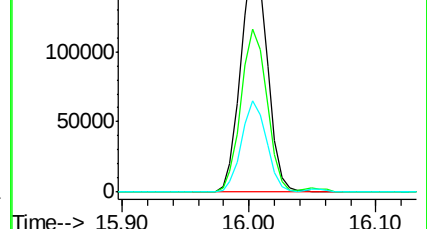
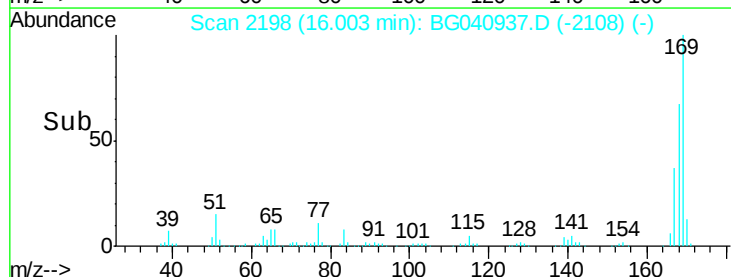
167 37.4 30.2 45.2



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

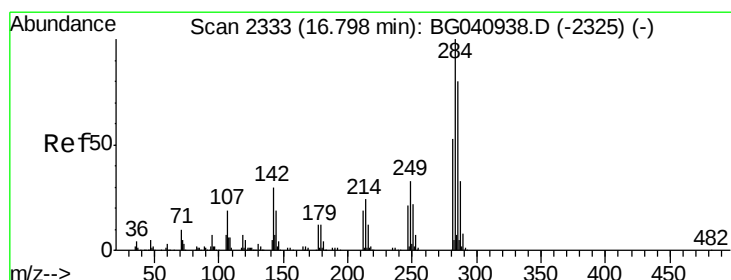
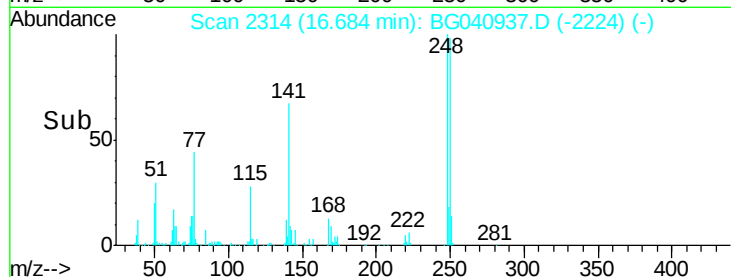
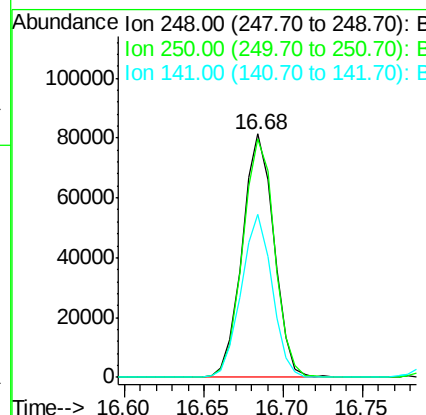
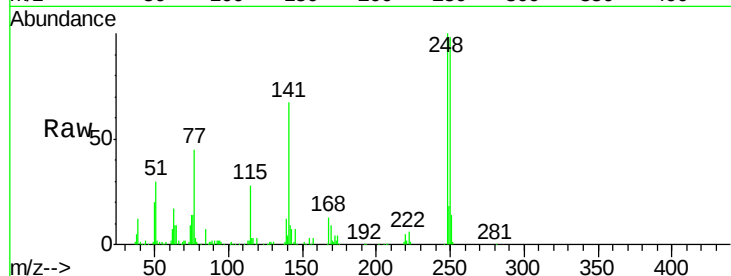




#67
4-Bromophenyl-phenylether
Concen: 21.508 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

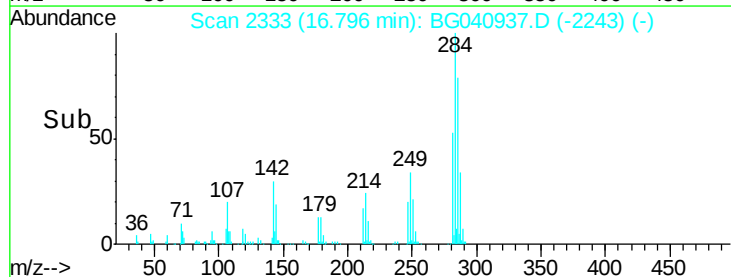
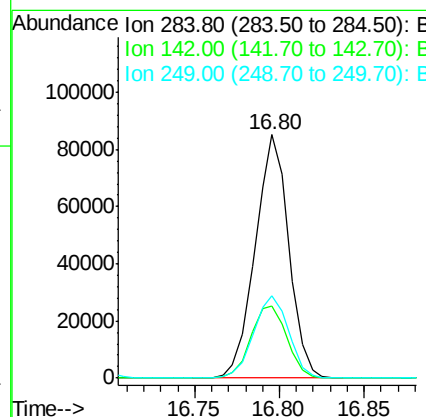
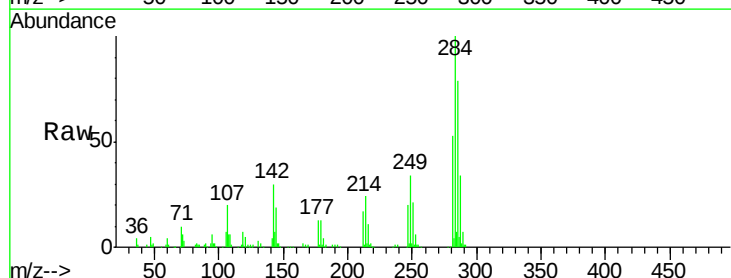
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

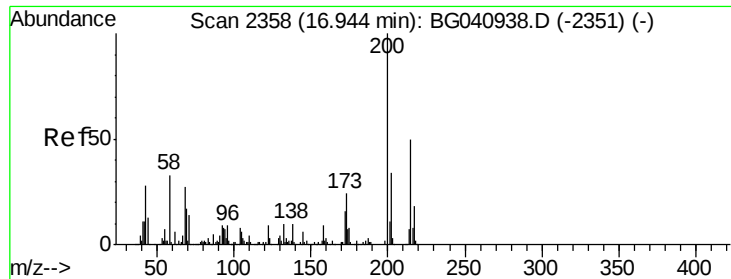
Tgt Ion:248 Resp: 112633
Ion Ratio Lower Upper
248 100
250 98.1 75.0 112.4
141 66.7 52.4 78.6



#68
Hexachlorobenzene
Concen: 21.672 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion:284 Resp: 117349
Ion Ratio Lower Upper
284 100
142 29.8 23.9 35.9
249 33.7 26.8 40.2





#69

Atrazine

Concen: 21.638 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

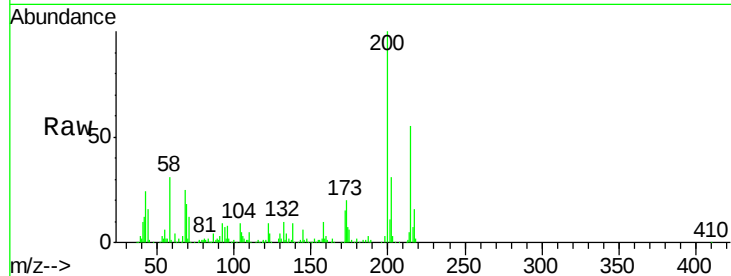
Tgt Ion:200 Resp: 106016

Ion Ratio Lower Upper

200 100

173 20.4 3.6 43.6

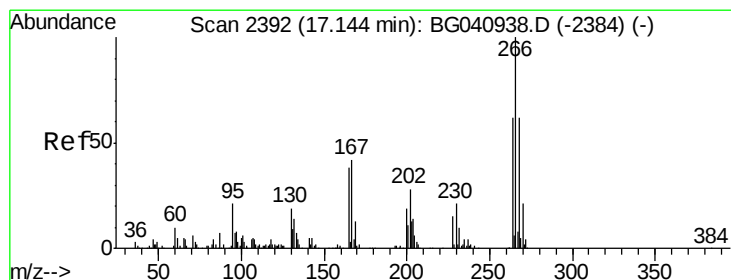
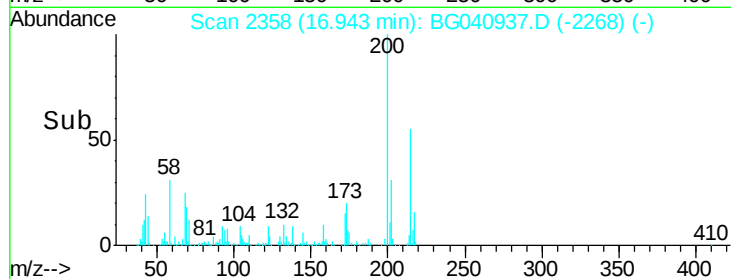
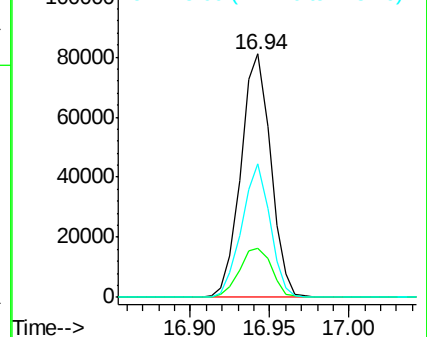
215 54.9 29.6 69.6



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: 15.112 ng

RT: 17.14 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

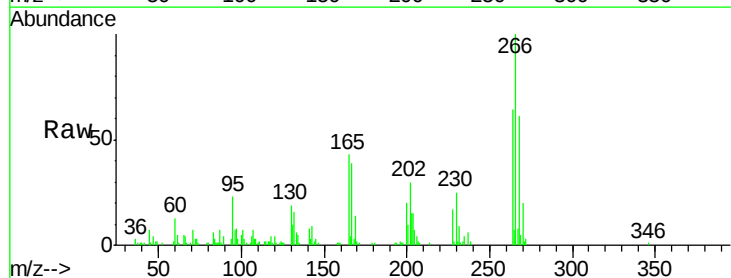
Tgt Ion:266 Resp: 47882

Ion Ratio Lower Upper

266 100

268 60.7 53.1 79.7

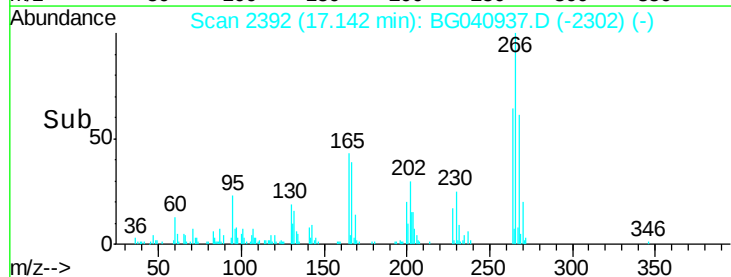
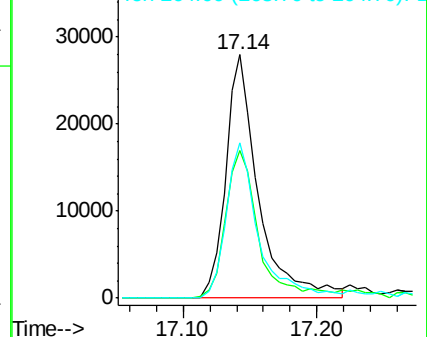
264 63.6 49.9 74.9

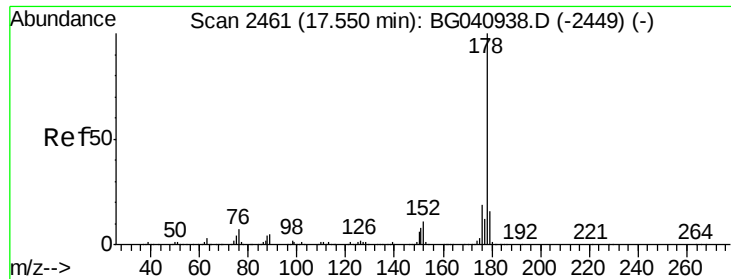


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

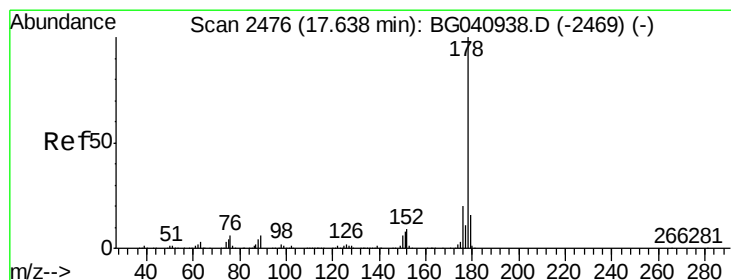
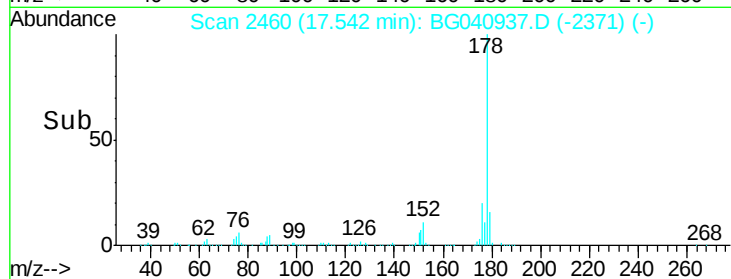
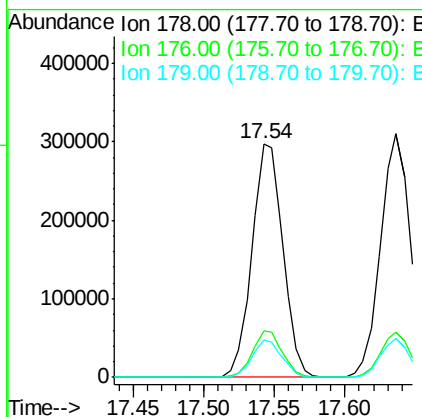
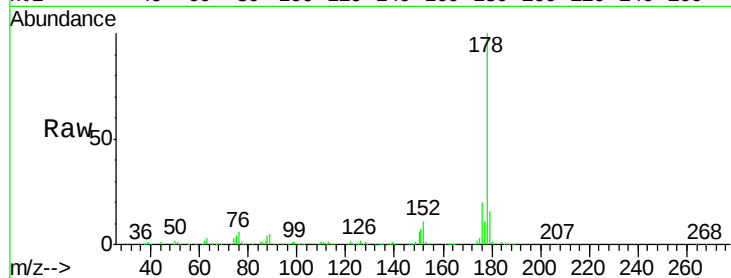




#71
Phenanthrene
Concen: 20.265 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

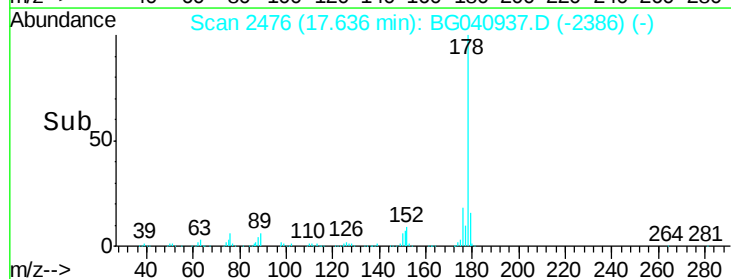
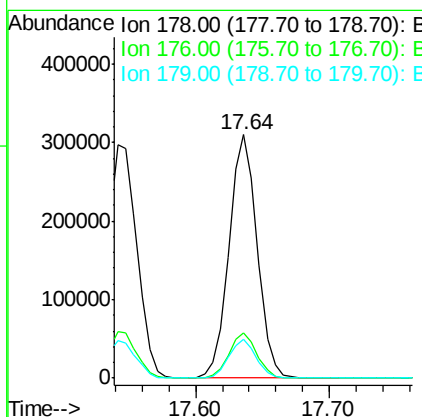
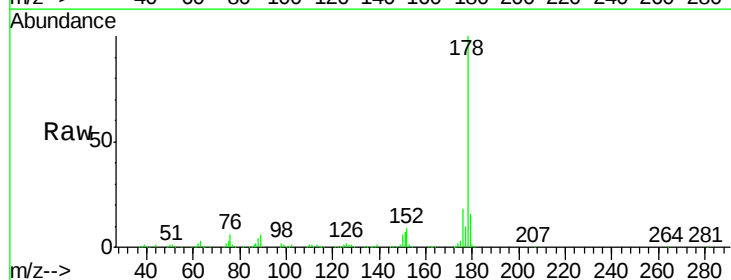
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

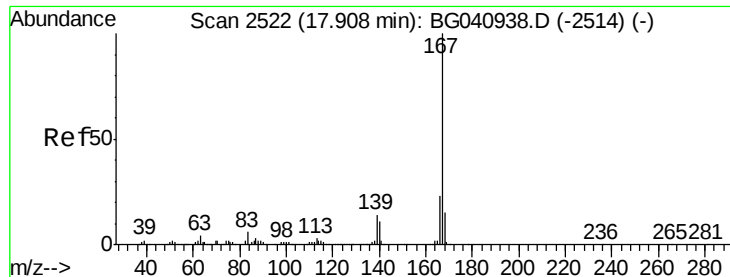
Tgt Ion:178 Resp: 458799
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 16.0 12.7 19.1



#72
Anthracene
Concen: 20.002 ng
RT: 17.64 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion:178 Resp: 455174
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 16.0 13.0 19.4

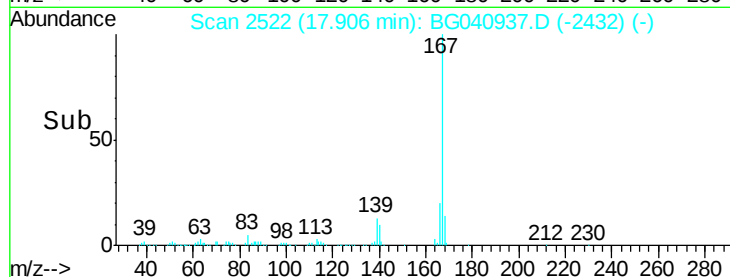
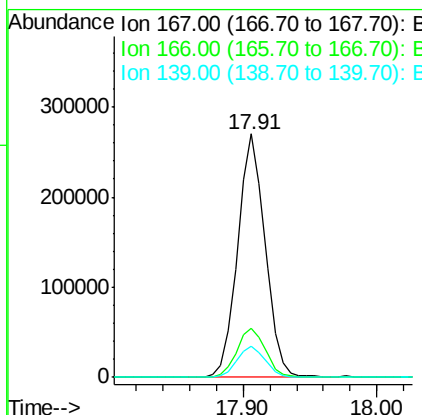
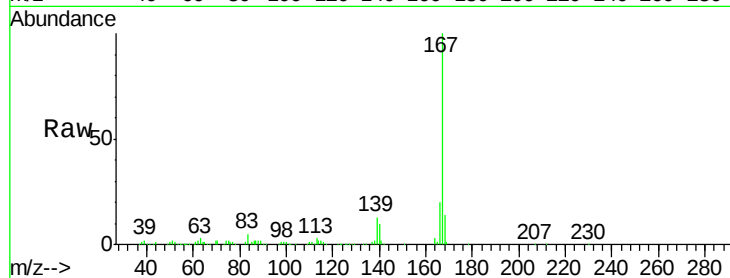




#73
 Carbazole
 Concen: 18.583 ng
 RT: 17.91 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

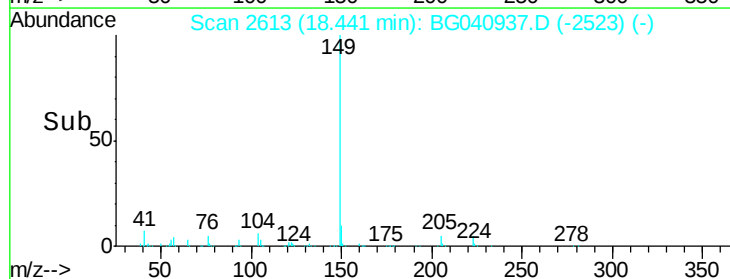
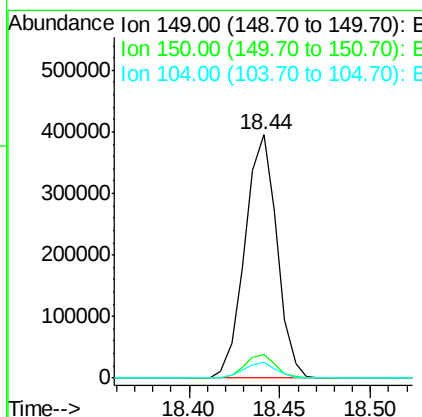
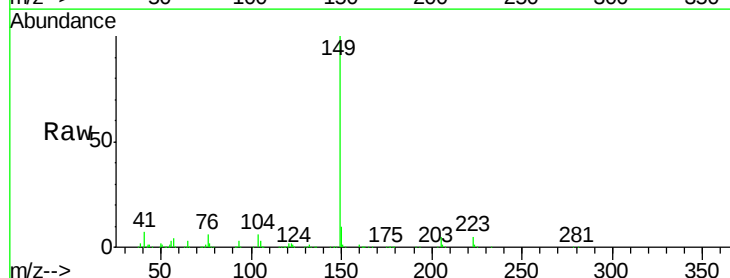
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

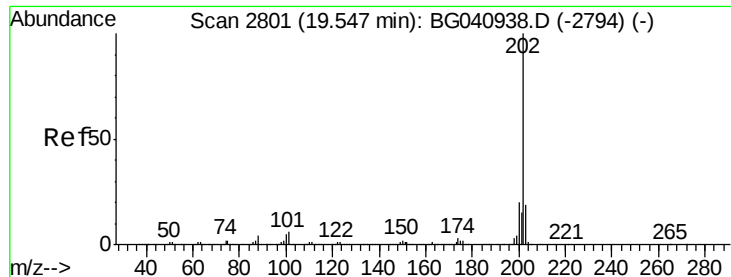
Tgt Ion:167 Resp: 385284
 Ion Ratio Lower Upper
 167 100
 166 20.0 18.2 27.4
 139 12.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 19.411 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

Tgt Ion:149 Resp: 485750
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 6.4 5.0 7.4





#75

Fluoranthene

Concen: 20.639 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

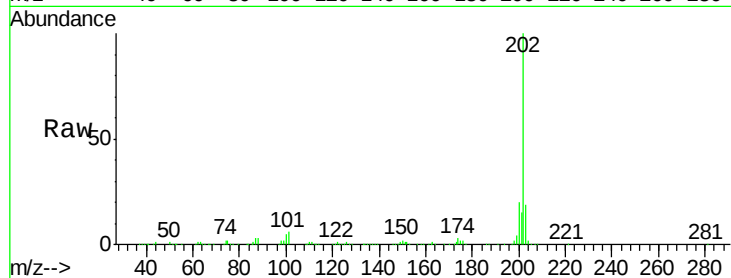
Tgt Ion:202 Resp: 582288

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

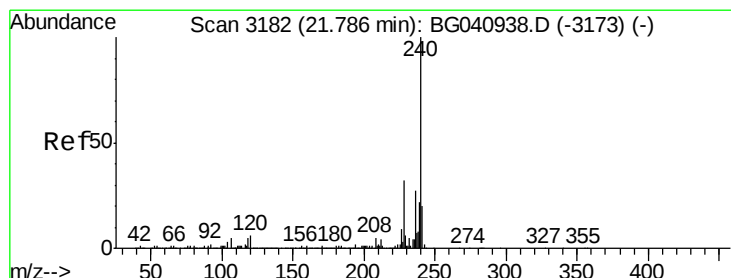
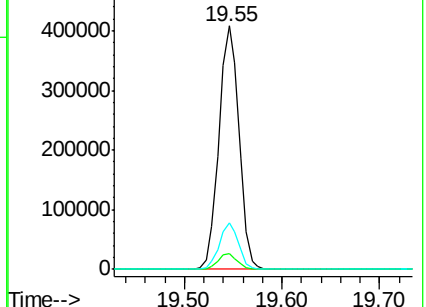
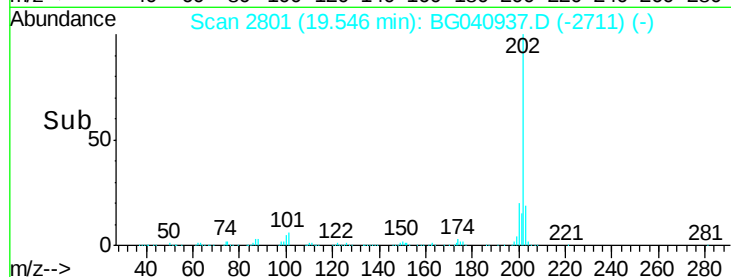
203 18.9 0.0 38.7



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: 21.78 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

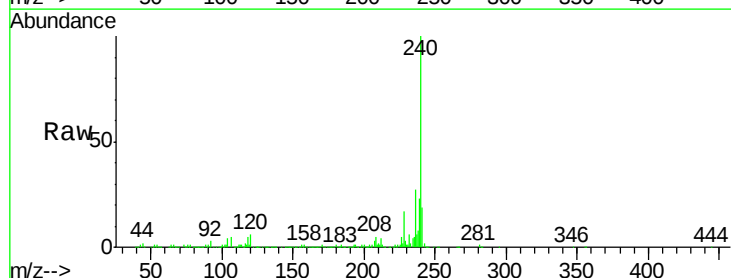
Tgt Ion:240 Resp: 419513

Ion Ratio Lower Upper

240 100

120 5.8 4.5 6.7

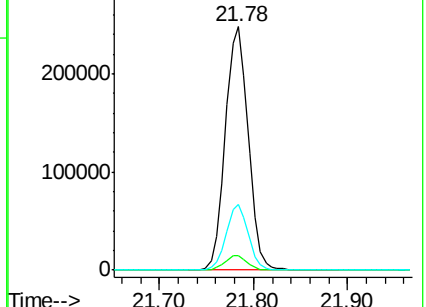
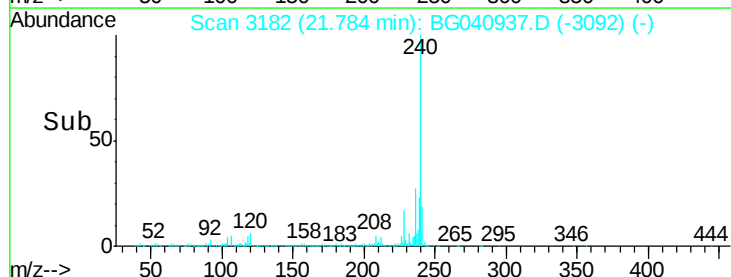
236 27.2 21.3 31.9



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: 19.324 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

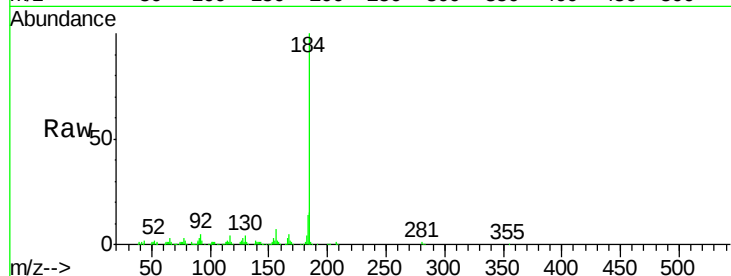
Tgt Ion:184 Resp: 221966

Ion Ratio Lower Upper

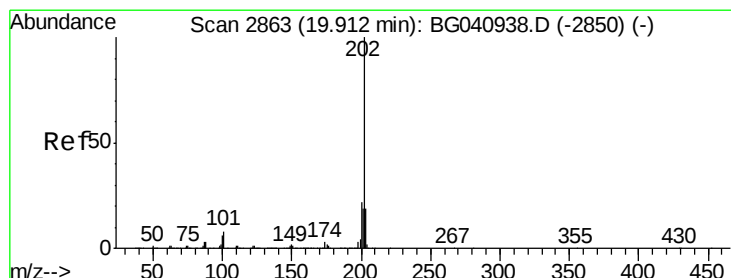
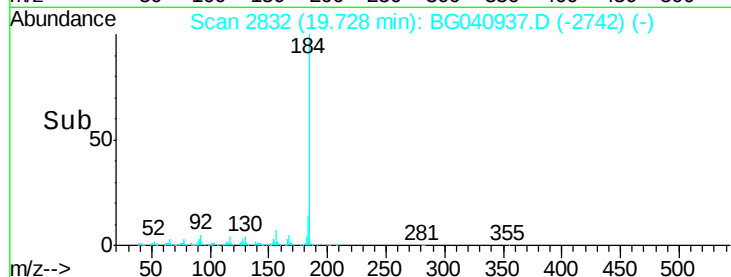
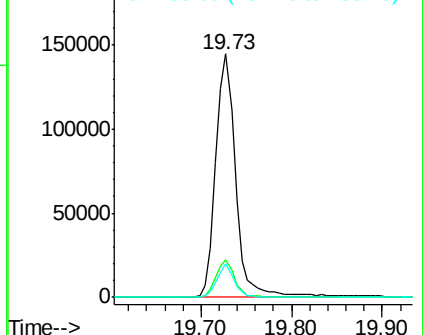
184 100

185 15.5 13.3 19.9

183 13.8 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: 22.250 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

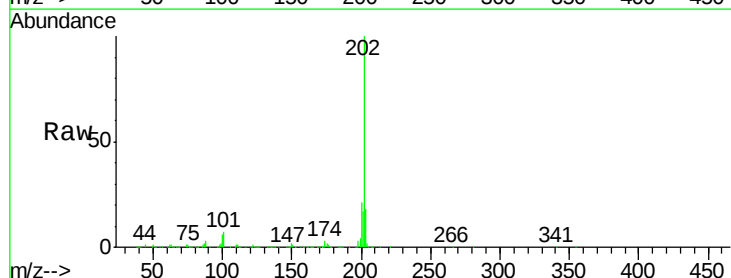
Tgt Ion:202 Resp: 585020

Ion Ratio Lower Upper

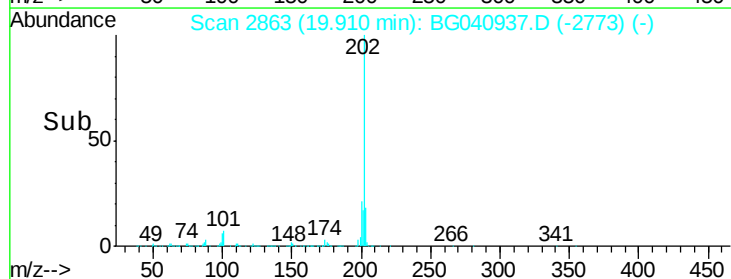
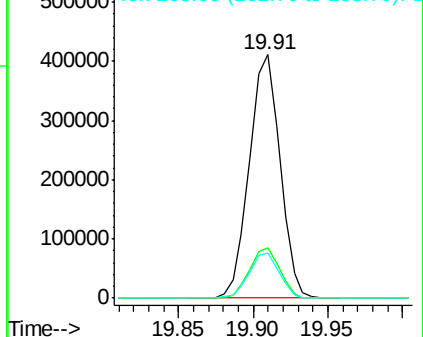
202 100

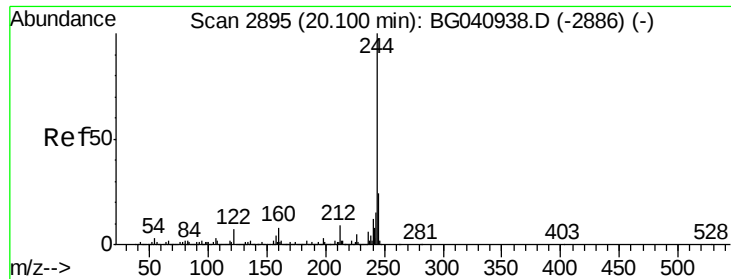
200 20.6 17.5 26.3

203 18.5 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: 47.556 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

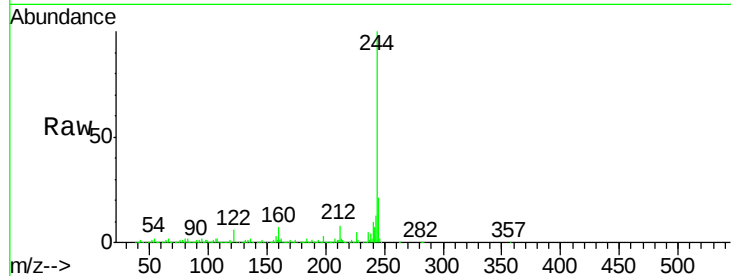
Tgt Ion:244 Resp: 900531

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

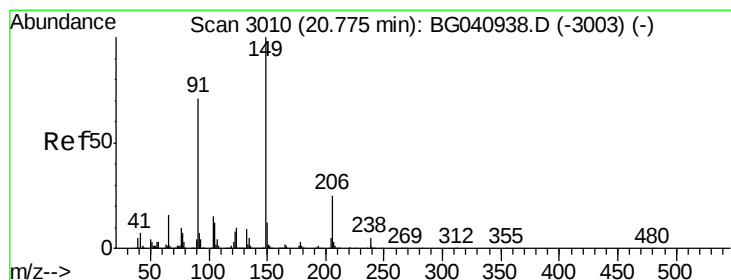
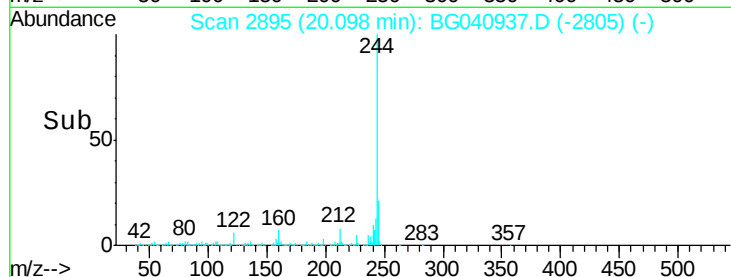
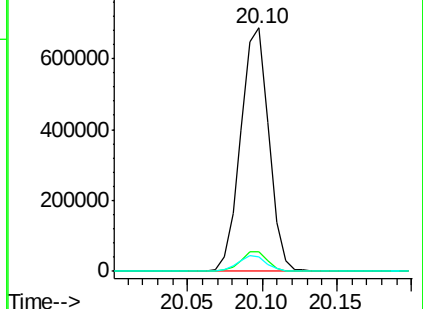
122 6.2 5.4 8.0



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: 20.613 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

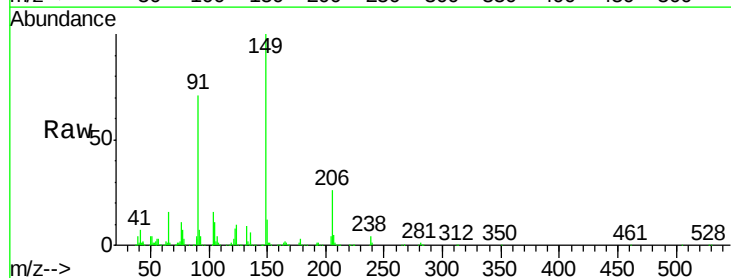
Tgt Ion:149 Resp: 211236

Ion Ratio Lower Upper

149 100

91 70.8 56.5 84.7

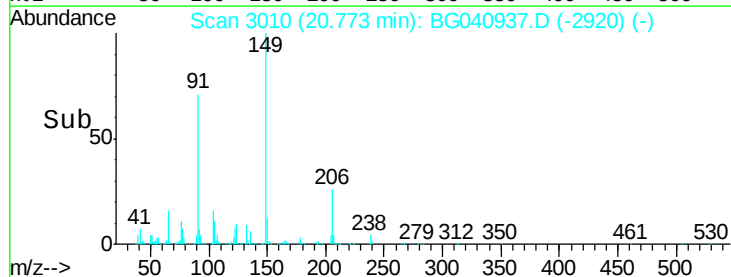
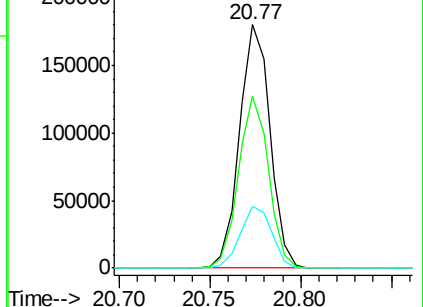
206 25.7 20.3 30.5

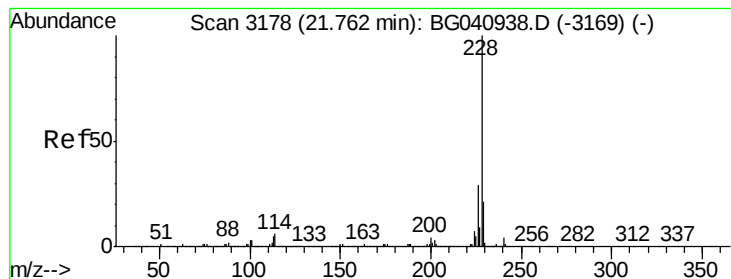


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 22.156 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

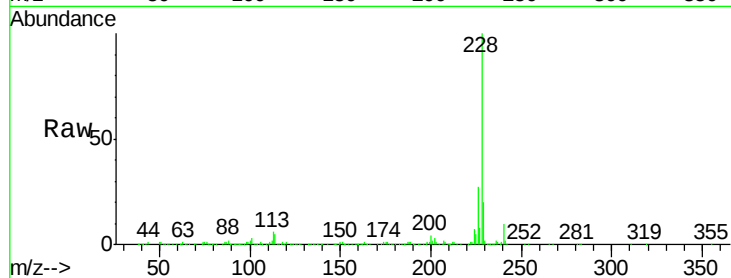
Tgt Ion: 228 Resp: 587441

Ion Ratio Lower Upper

228 100

226 26.8 23.5 35.3

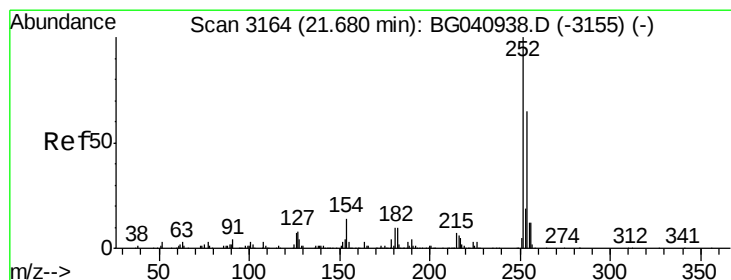
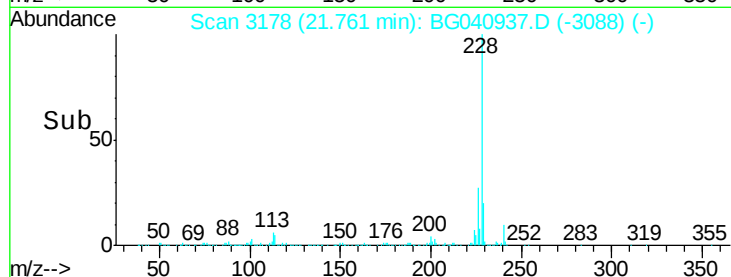
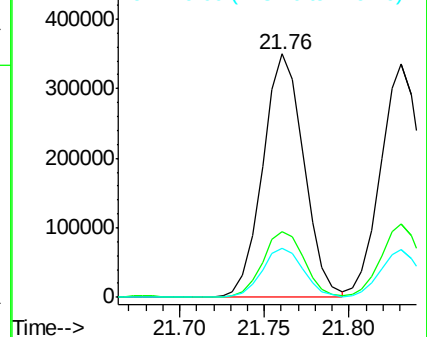
229 20.0 16.7 25.1



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: 21.141 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

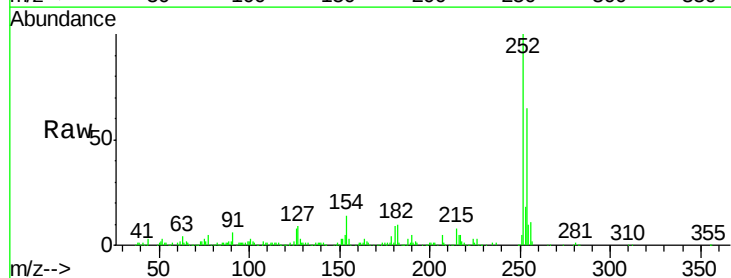
Tgt Ion: 252 Resp: 199784

Ion Ratio Lower Upper

252 100

254 64.5 52.1 78.1

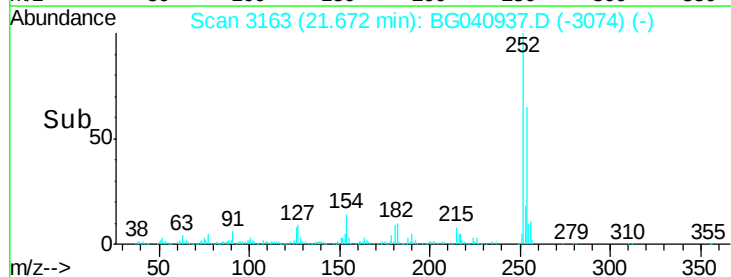
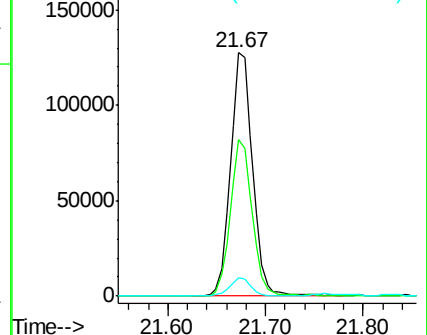
126 7.7 5.5 8.3



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: 22.202 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

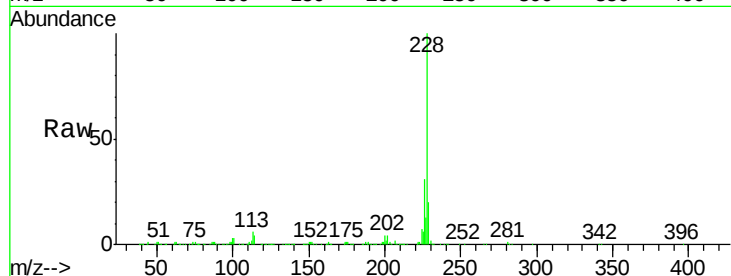
Tgt Ion: 228 Resp: 559820

Ion Ratio Lower Upper

228 100

226 31.3 24.6 37.0

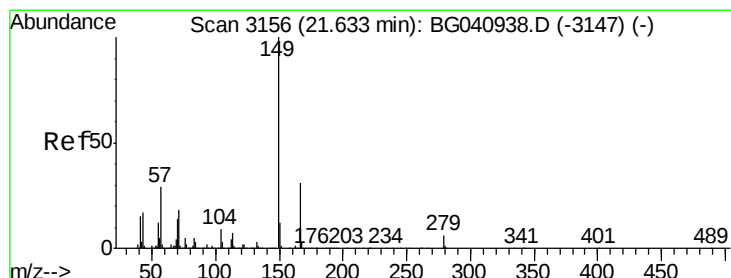
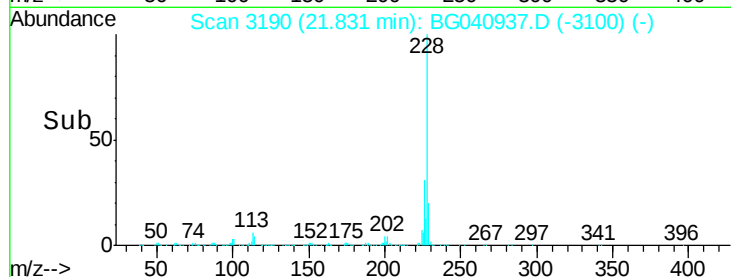
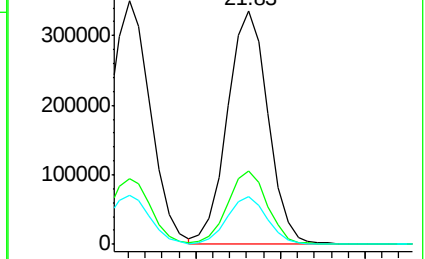
229 20.5 16.6 24.8



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: 20.415 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

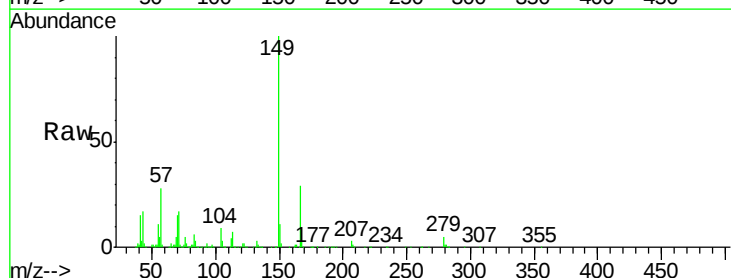
Tgt Ion: 149 Resp: 301992

Ion Ratio Lower Upper

149 100

167 29.5 24.6 37.0

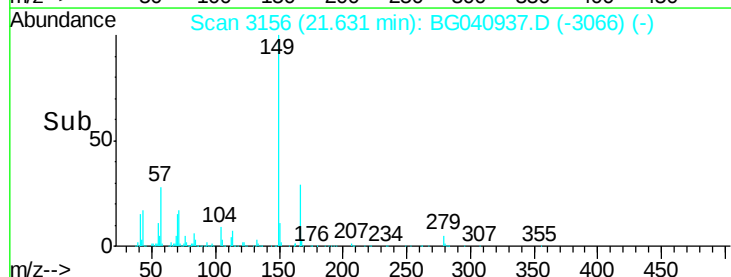
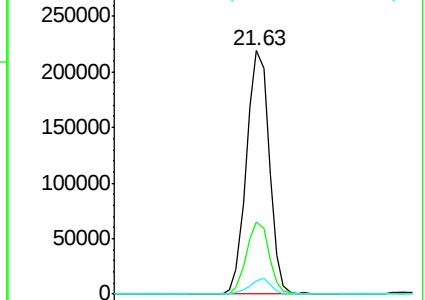
279 5.3 5.0 7.6

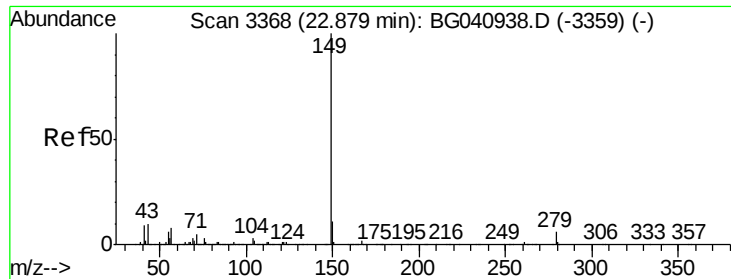


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

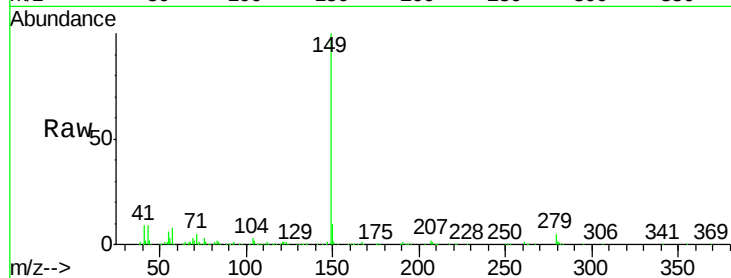




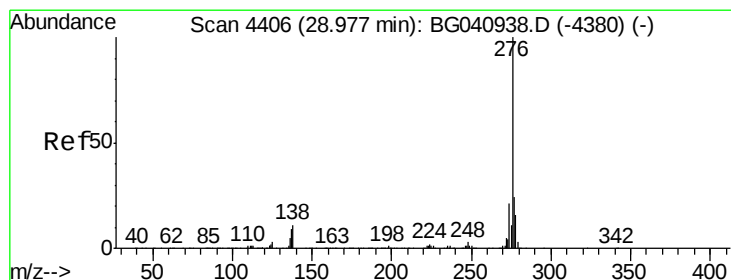
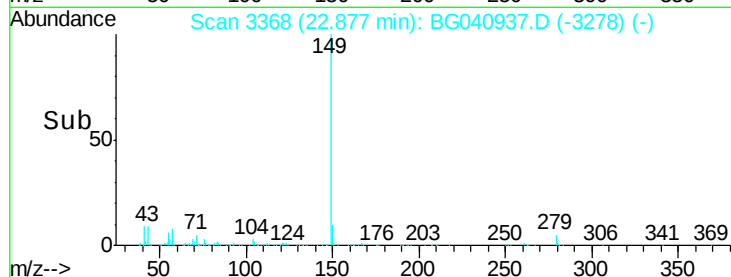
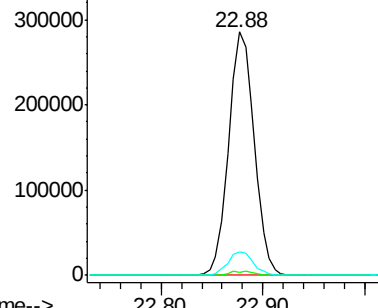
#85
Di-n-octyl phthalate
Concen: 20.068 ng
RT: 22.88 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.5	8.1	12.1

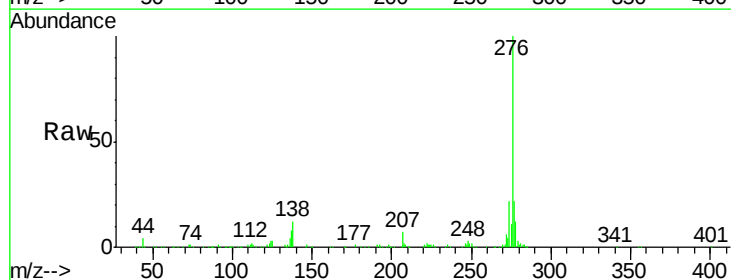


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

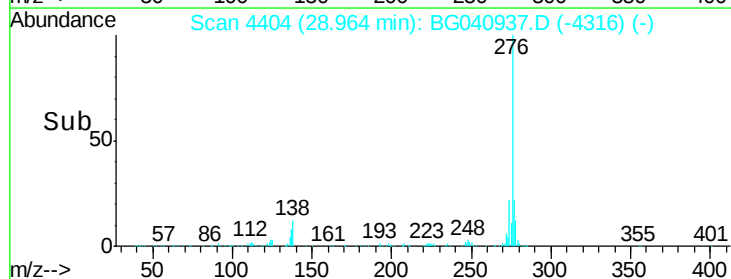
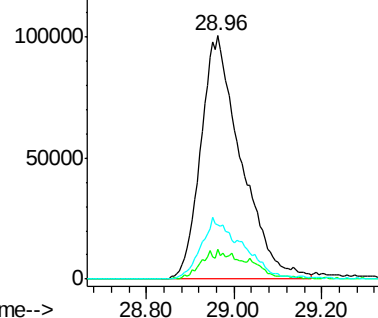


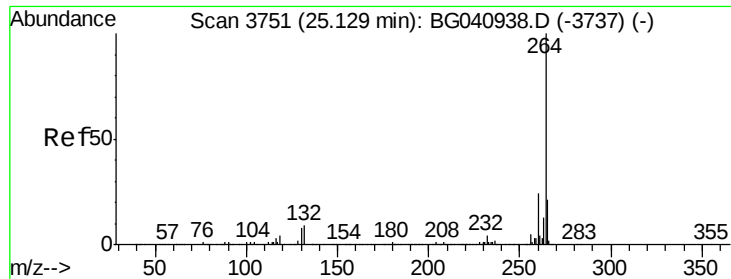
#86
Indeno(1,2,3-cd)pyrene
Concen: 20.723 ng
RT: 28.96 min Scan# 4404
Delta R.T. -0.01 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.5	5.7	8.5#
277	17.2	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



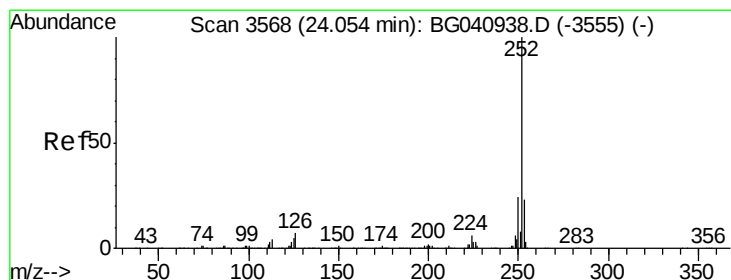
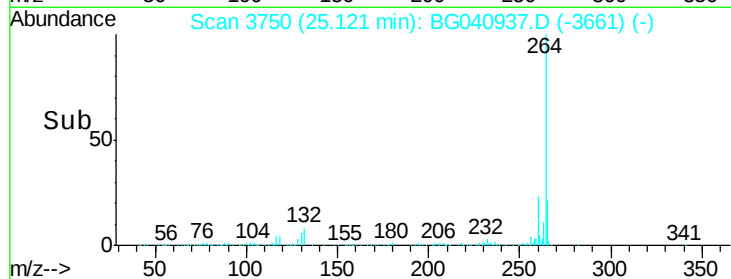
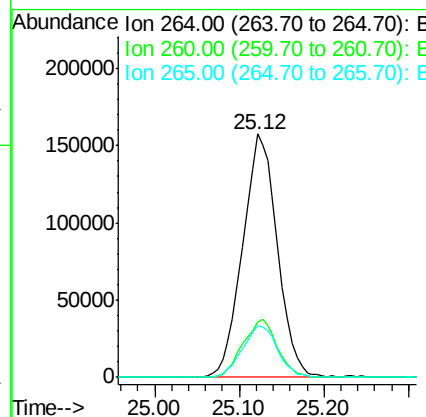
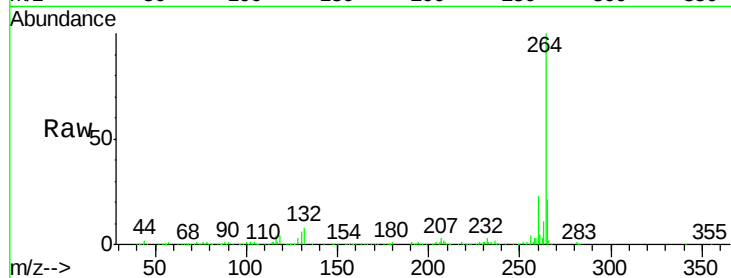


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3750
Delta R.T. -0.01 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tgt Ion:264 Resp: 448305

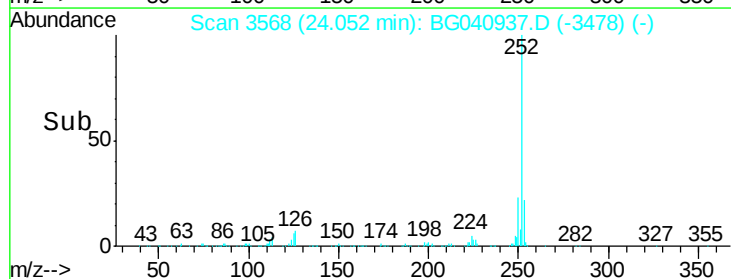
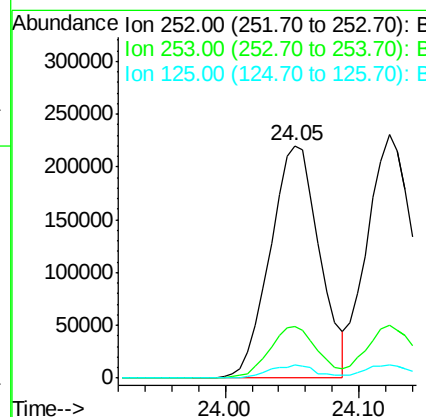
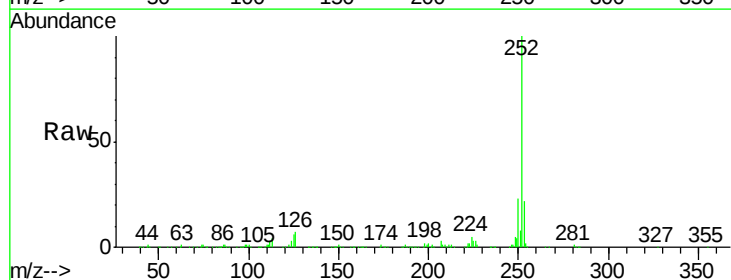
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.0	17.0	25.4

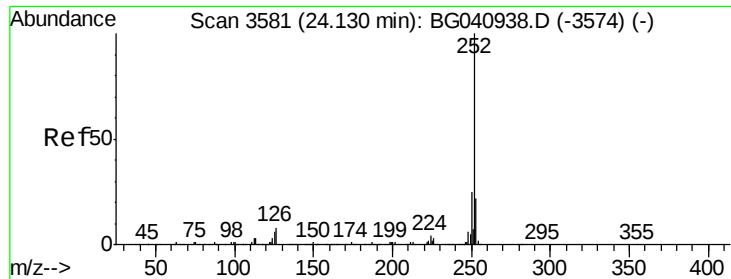


#88
Benzo(b)fluoranthene
Concen: 20.614 ng
RT: 24.05 min Scan# 3568
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion:252 Resp: 564714

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	5.6	4.3	6.5

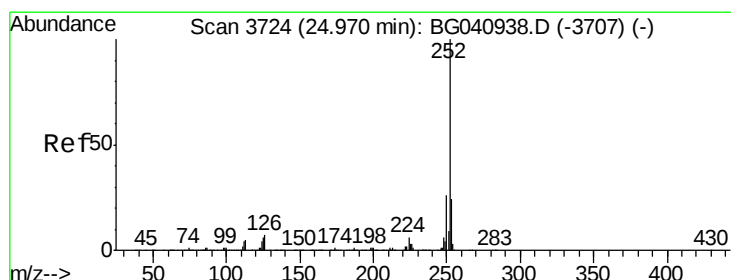
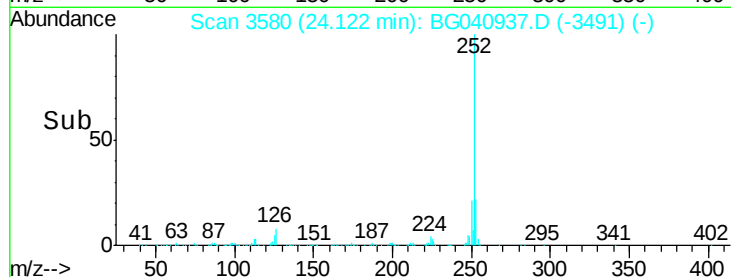
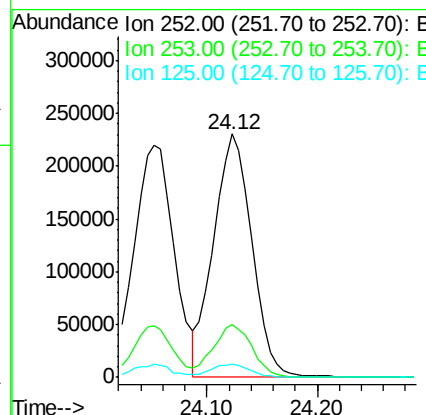
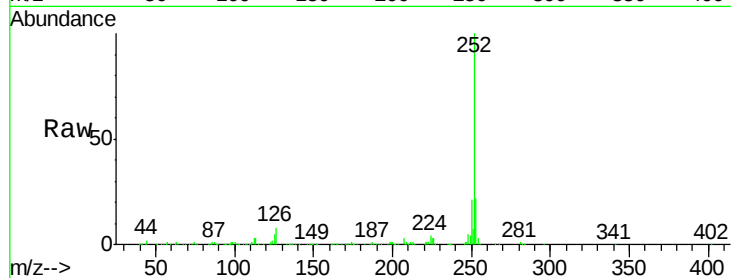




#89
Benzo(k)fluoranthene
Concen: 21.627 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

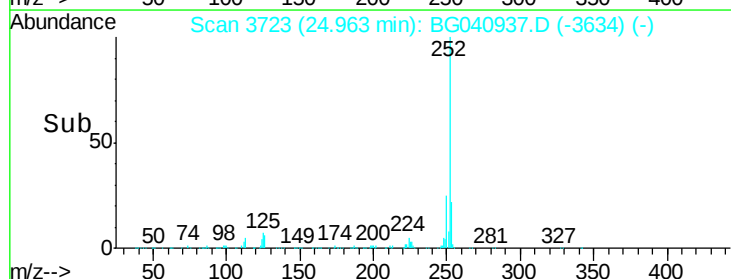
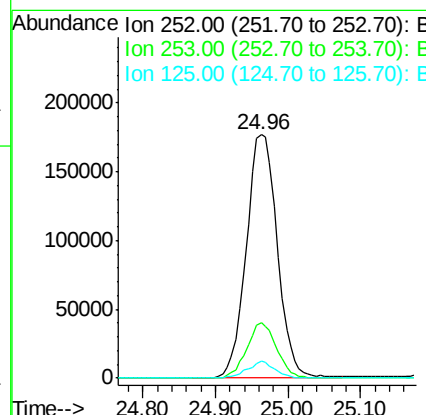
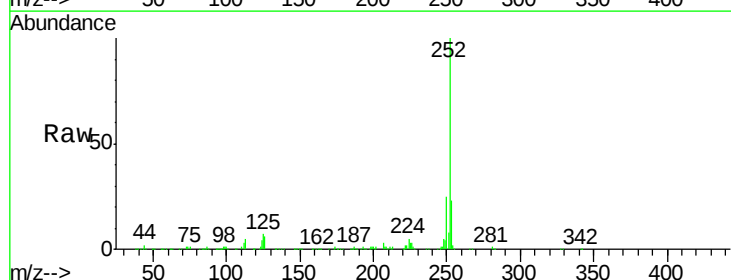
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

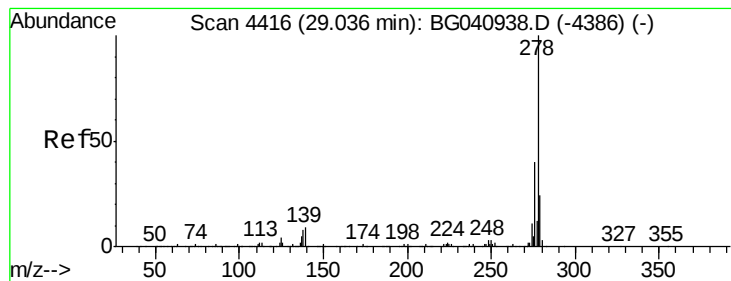
Tgt Ion:252 Resp: 553325
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 5.3 4.7 7.1



#90
Benzo(a)pyrene
Concen: 20.282 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.01 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion:252 Resp: 525949
Ion Ratio Lower Upper
252 100
253 22.5 19.5 29.3
125 7.0 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 19.804 ng

RT: 29.03 min Scan# 4415

Delta R.T. -0.01 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

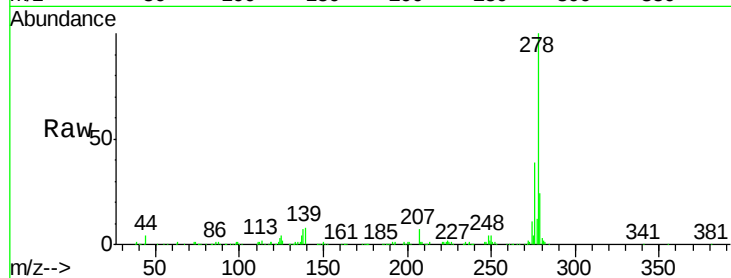
Tgt Ion:278 Resp: 519689

Ion Ratio Lower Upper

278 100

139 8.2 7.1 10.7

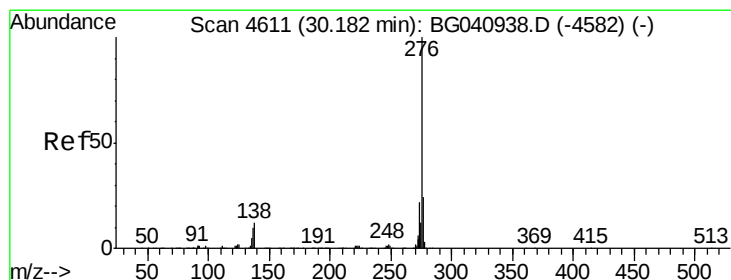
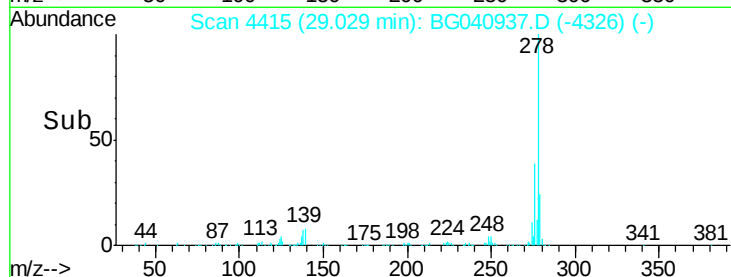
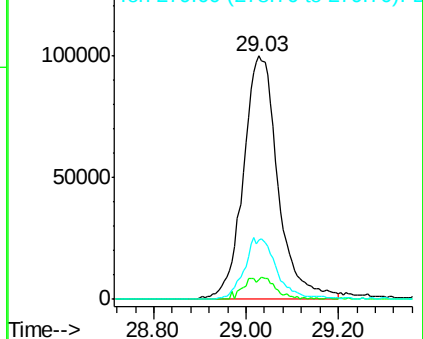
279 24.4 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 19.169 ng

RT: 30.17 min Scan# 4609

Delta R.T. -0.01 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

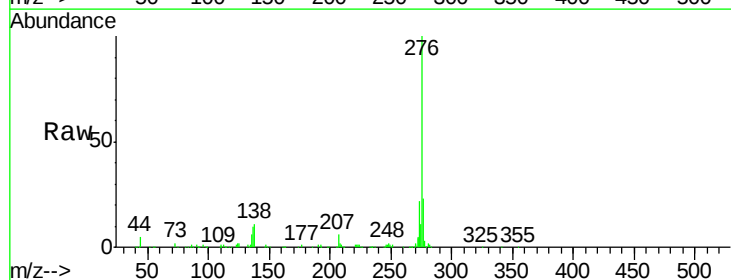
Tgt Ion:276 Resp: 500643

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 10.8 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

