

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

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

						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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	47497	13.028	nq	95
43) 2,4,6-Trichlorophenol	13.19	196	87542	23.446	nq	97
44) 2,4,5-Trichlorophenol	13.26	196	94560	23.248	nq	98
46) 1,1'-Biphenyl	13.59	154	250983	19.490	nq	97
47) 2-Chloronaphthalene	13.64	162	213408	21.176	nq	97
48) 2-Nitroaniline	13.85	65	74208	20.687	nq	97
49) Acenaphthylene	14.49	152	334027	19.536	nq	97
50) Dimethylphthalate	14.20	163	291492	21.006	nq	99
51) 2,6-Dinitrotoluene	14.33	165	60530	22.349	nq	96
52) Acenaphthene	14.82	154	197333	19.818	nq	98
53) 3-Nitroaniline	14.67	138	61106	22.020	nq	88
54) 2,4-Dinitrophenol	14.87	184	13401	10.039	nq	95
55) Dibenzofuran	15.16	168	339454	20.814	nq	97
56) 4-Nitrophenol	14.95	139	38274	15.906	nq	# 88
57) 2,4-Dinitrotoluene	15.12	165	84915	23.073	nq	98
58) Fluorene	15.80	166	270773	20.541	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	92813	22.671	nq	99
60) Diethylphthalate	15.56	149	302518	20.662	nq	98
61) 4-Chlorophenyl-phenylether	15.79	204	171984	22.432	nq	95
62) 4-Nitroaniline	15.83	138	64878	20.900	nq	91
63) Azobenzene	16.08	77	272775	18.090	nq	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	30632	15.835	nq	94
66) n-Nitrosodiphenylamine	16.00	169	239540	19.370	nq	98
67) 4-Bromophenyl-phenylether	16.68	248	112633	21.508	nq	97
68) Hexachlorobenzene	16.80	284	117349	21.672	nq	100
69) Atrazine	16.94	200	106016	21.638	nq	93
70) Pentachlorophenol	17.14	266	47882	15.112	nq	96
71) Phenanthrene	17.54	178	458799	20.265	nq	99
72) Anthracene	17.64	178	455174	20.002	nq	99
73) Carbazole	17.91	167	385284	18.583	nq	96
74) Di-n-butylphthalate	18.44	149	485750	19.411	nq	99
75) Fluoranthene	19.55	202	582288	20.639	nq	100
77) Benzidine	19.73	184	221966	19.324	nq	98
78) Pyrene	19.91	202	585020	22.250	nq	97
80) Butylbenzylphthalate	20.77	149	211236	20.613	nq	100
81) Benzo(a)anthracene	21.76	228	587441	22.156	nq	96
82) 3,3'-Dichlorobenzidine	21.67	252	199784	21.141	nq	99
83) Chrysene	21.83	228	559820	22.202	nq	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	301992	20.415	nq	97
85) Di-n-octyl phthalate	22.88	149	499952	20.068	nq	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	631766	20.723	nq	# 85
88) Benzo(b)fluoranthene	24.05	252	564714	20.614	nq	99
89) Benzo(k)fluoranthene	24.12	252	553325	21.627	nq	99
90) Benzo(a)pyrene	24.96	252	525949	20.282	nq	97
91) Dibenzo(a,h)anthracene	29.03	278	519689	19.804	nq	99
92) Benzo(g,h,i)perylene	30.17	276	500643	19.169	nq	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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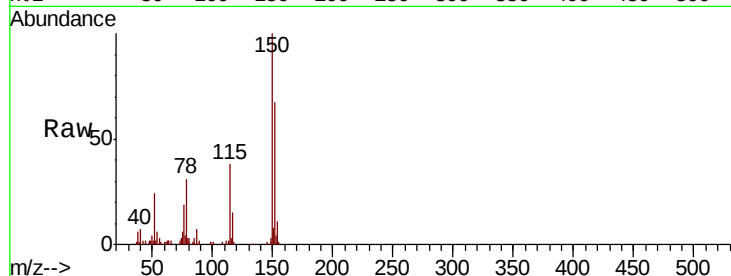
Tot Ion:152 Resp: 48700

Ion Ratio Lower Upper

152 100

150 149.7 120.6 180.8

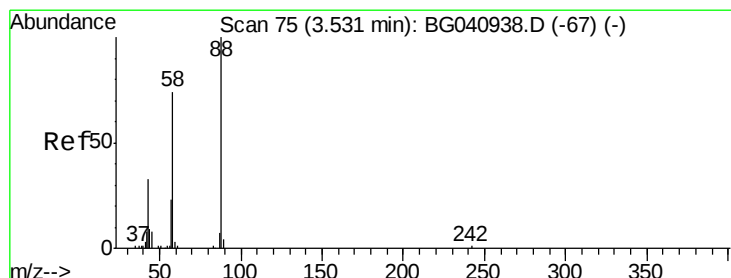
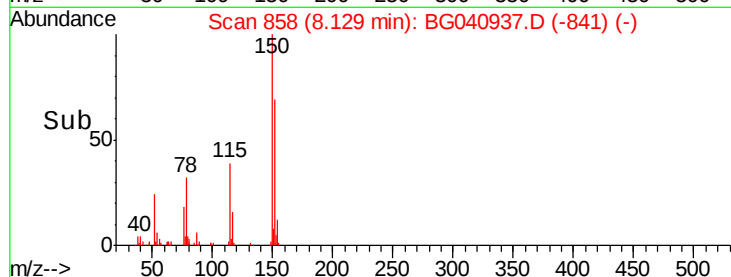
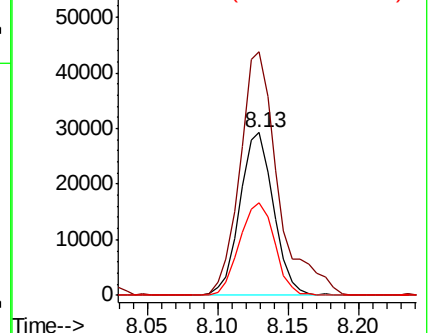
115 57.0 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 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

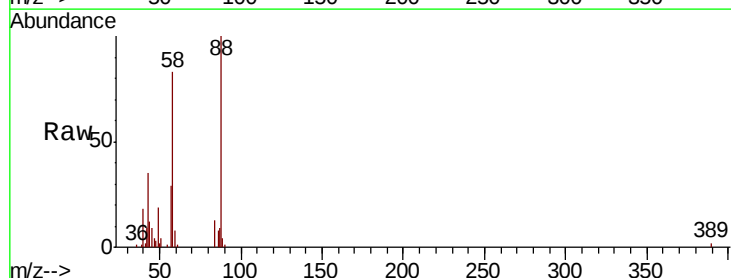
Tgt Ion: 88 Resp: 25043

Ion Ratio Lower Upper

88 100

58 74.7 59.0 88.6

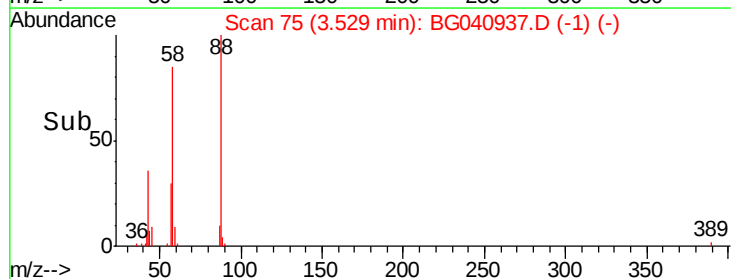
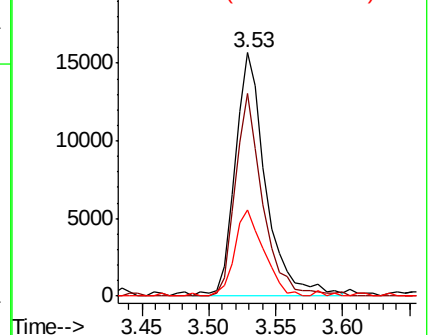
43 33.5 27.2 40.8

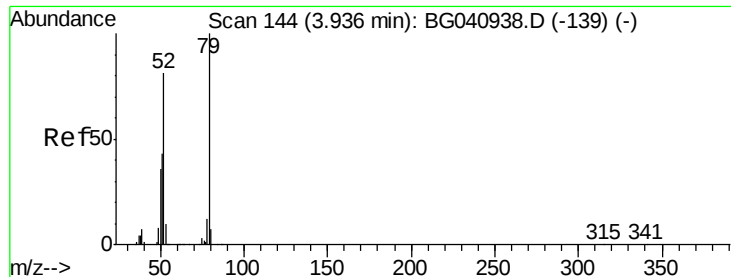


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 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

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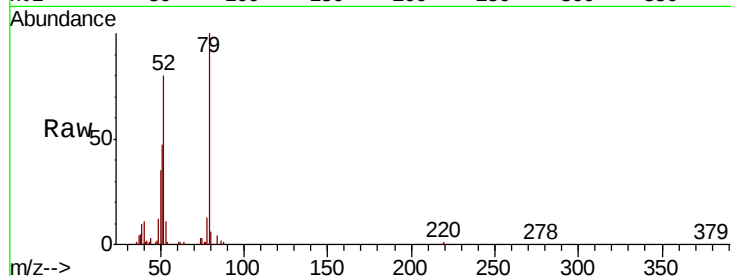
Tot Ion: 79 Resp: 71223

Ion Ratio Lower Upper

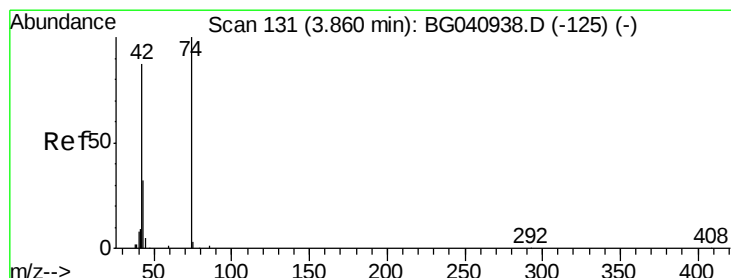
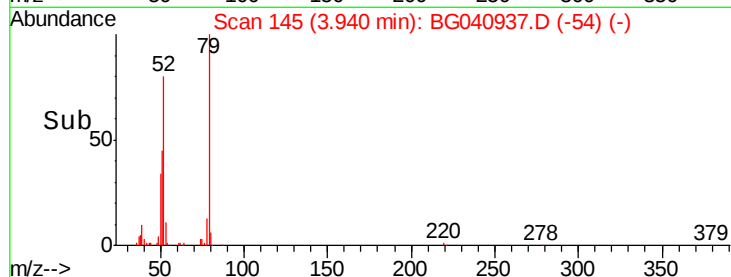
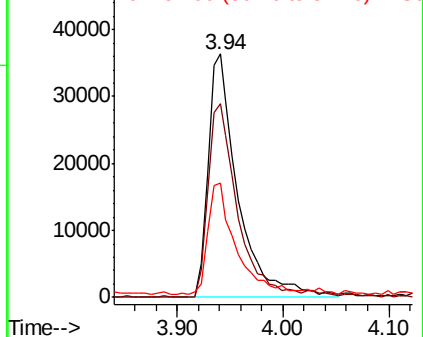
79 100

52 79.5 64.8 97.2

51 46.9 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 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

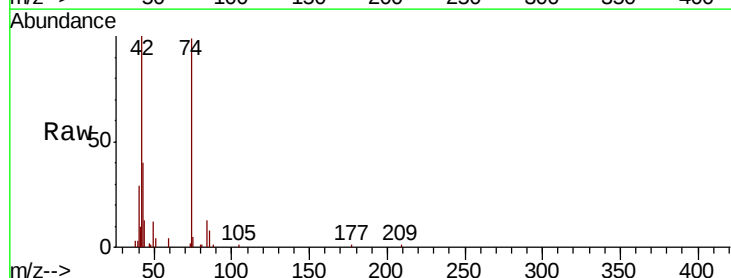
Tgt Ion: 42 Resp: 31151

Ion Ratio Lower Upper

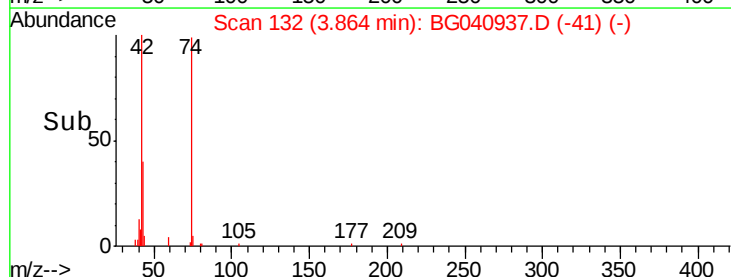
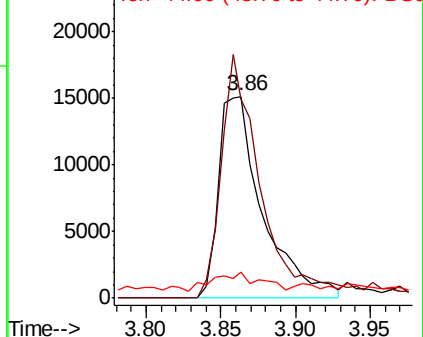
42 100

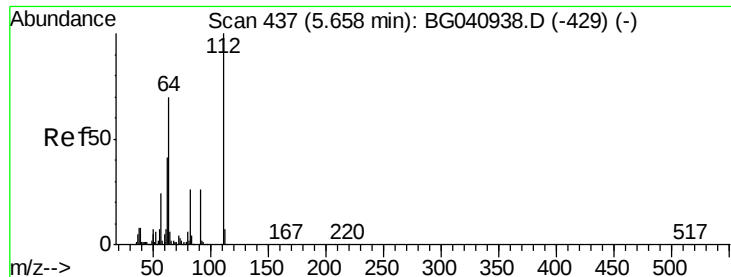
74 98.9 91.8 137.6

44 12.8 6.0 9.0#



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





#5

2-Fluorophenol

Concen: 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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SSTDIC020

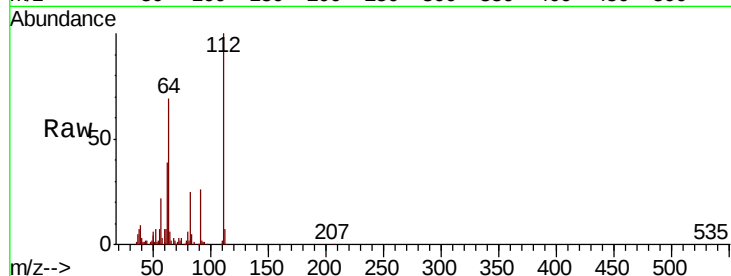
Tot Ion:112 Resp: 110173

Ion Ratio Lower Upper

112 100

64 68.9 56.2 84.2

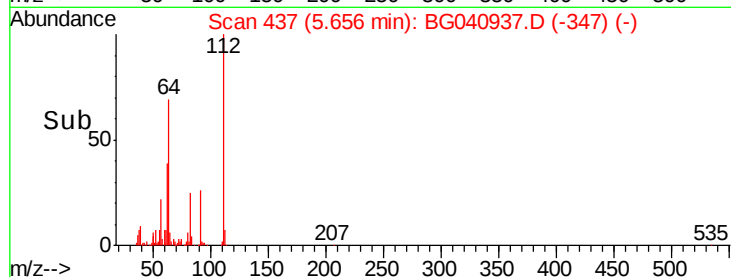
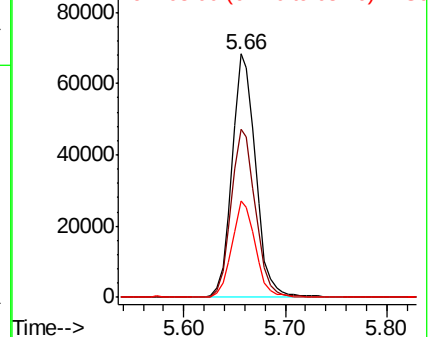
63 39.4 32.8 49.2



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

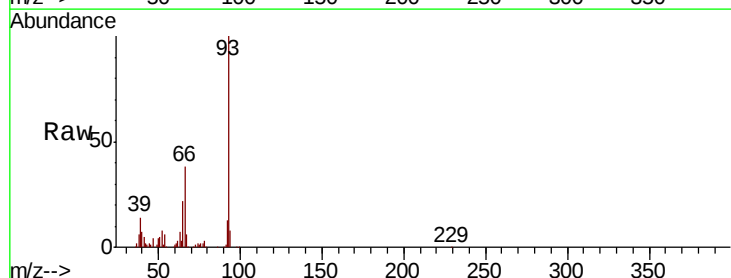
Tgt Ion: 93 Resp: 112436

Ion Ratio Lower Upper

93 100

66 38.2 33.8 50.8

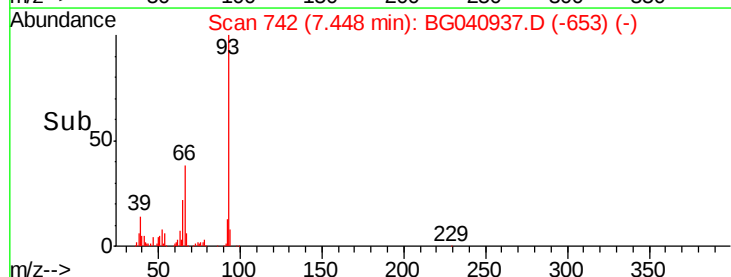
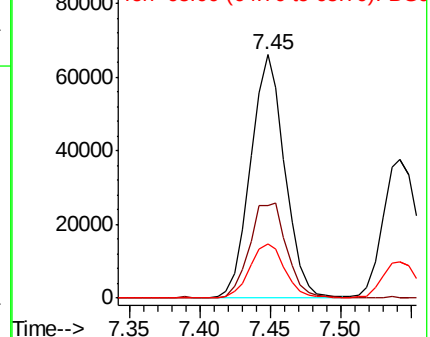
65 22.0 18.3 27.5

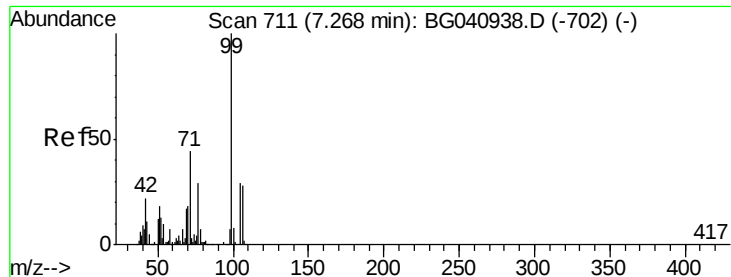


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

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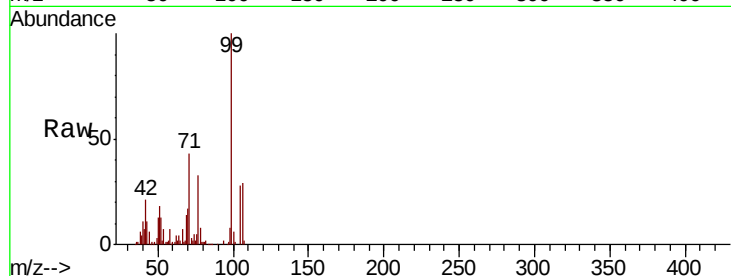
Tot Ion: 99 Resp: 172952

Ion Ratio Lower Upper

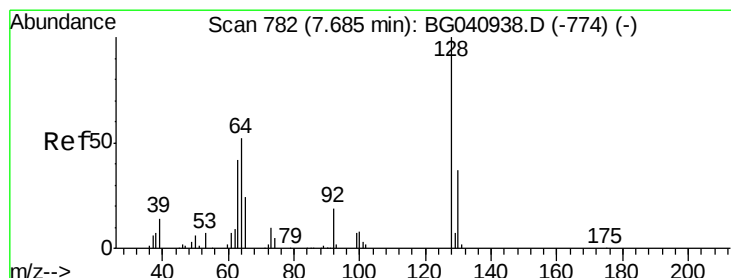
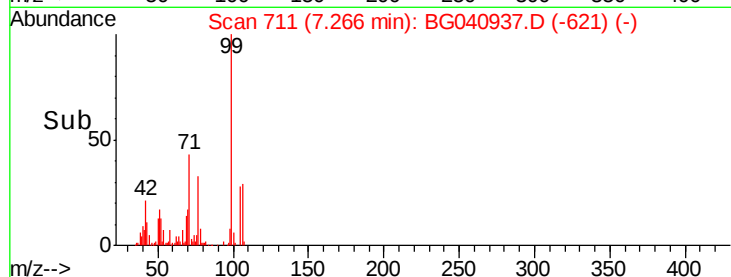
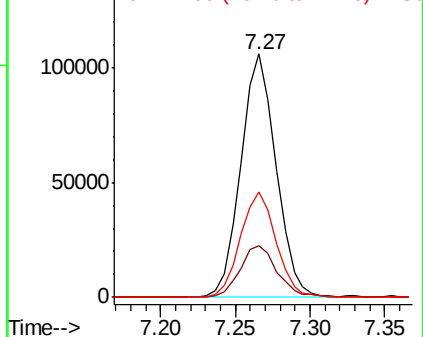
99 100

42 21.1 17.9 26.9

71 43.3 35.4 53.0



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



#8

2-Chlorophenol

Concen: 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

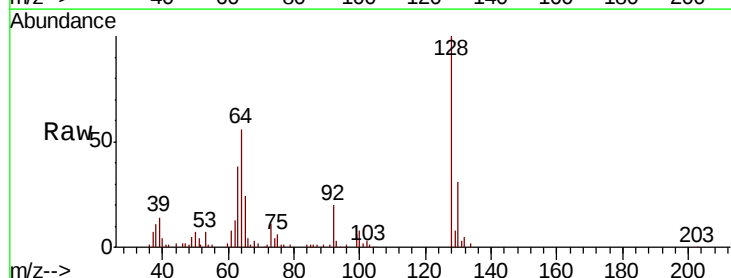
Tgt Ion: 128 Resp: 66370

Ion Ratio Lower Upper

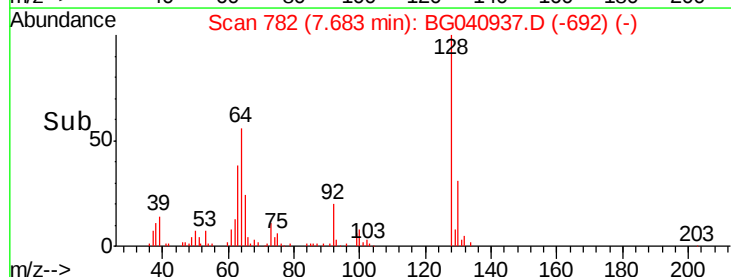
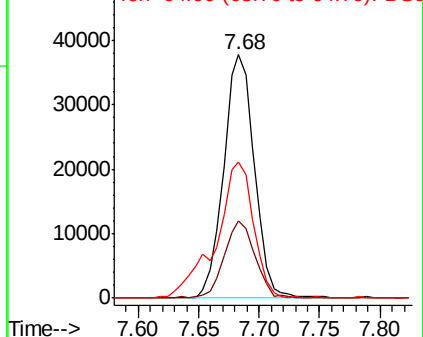
128 100

130 31.5 16.6 56.6

64 56.1 37.8 77.8



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





#9

Benzaldehyde

Concen: 21.957 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

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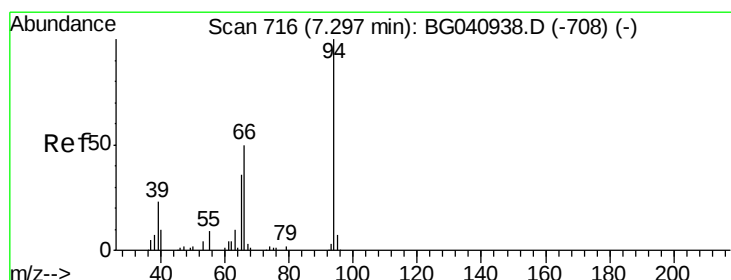
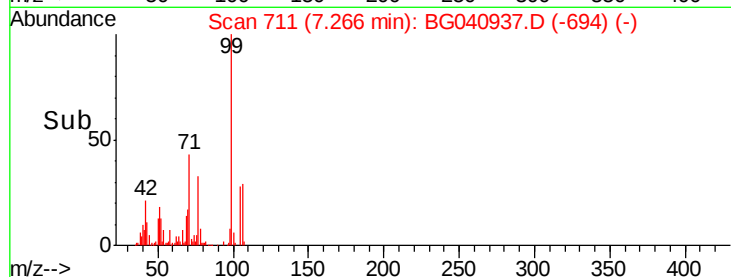
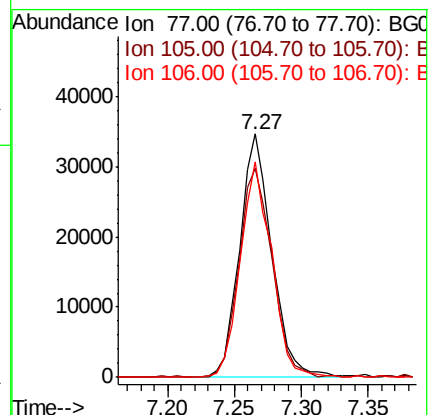
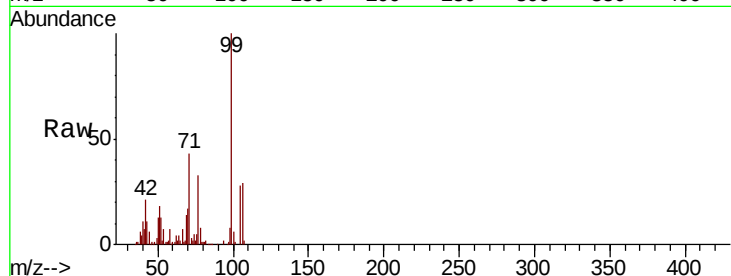
Tot Ion: 77 Resp: 57911

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

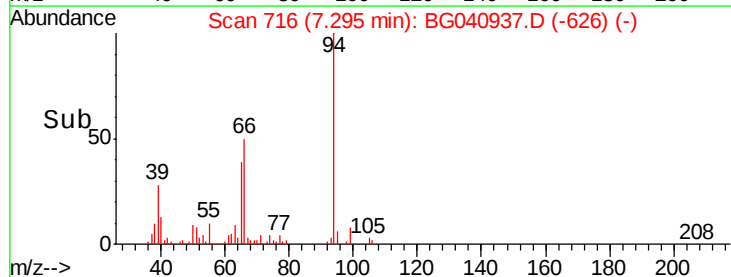
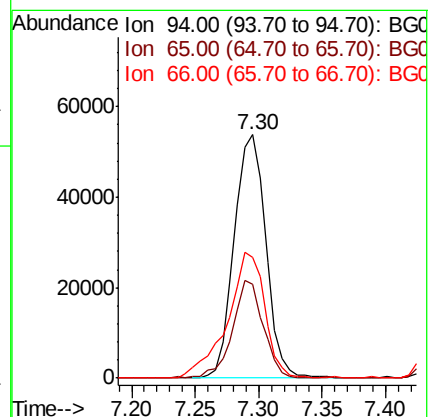
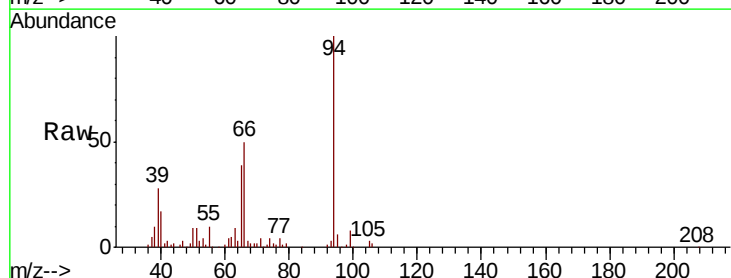
Tgt Ion: 94 Resp: 92888

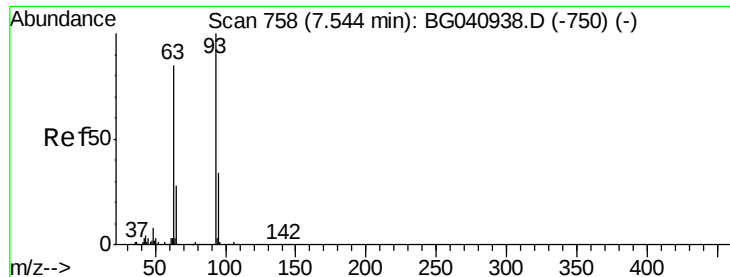
Ion Ratio Lower Upper

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

Lab File: BG040937.D

Acq: 29 May 2019 14:52

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ClientSampleId :

SSTDIC020

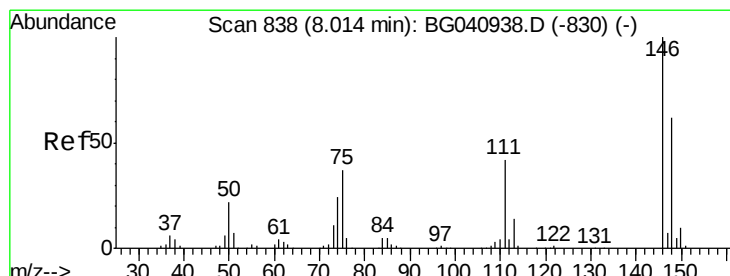
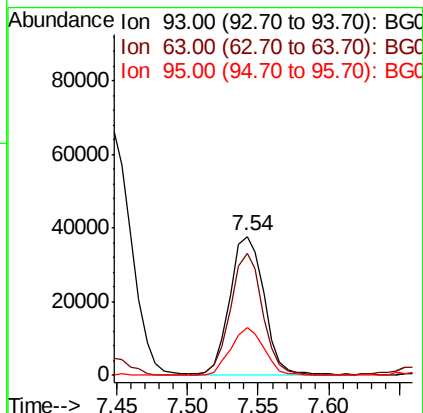
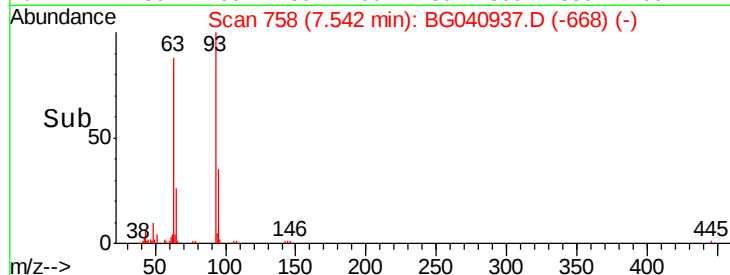
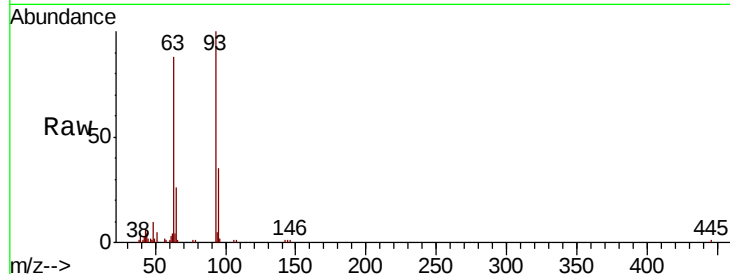
Tot Ion: 93 Resp: 63019

Ion Ratio Lower Upper

93 100

63 88.1 64.5 104.5

95 34.7 13.3 53.3



#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

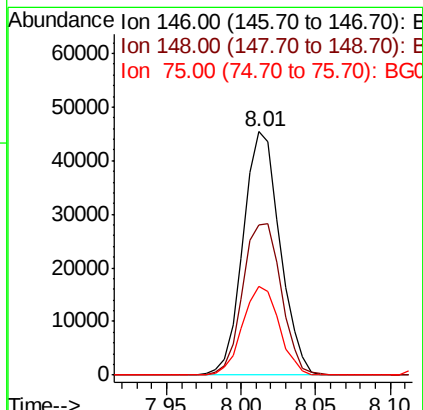
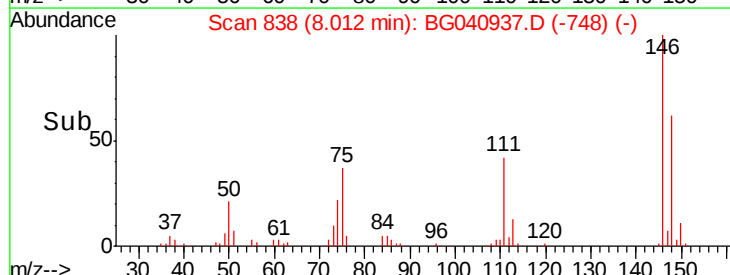
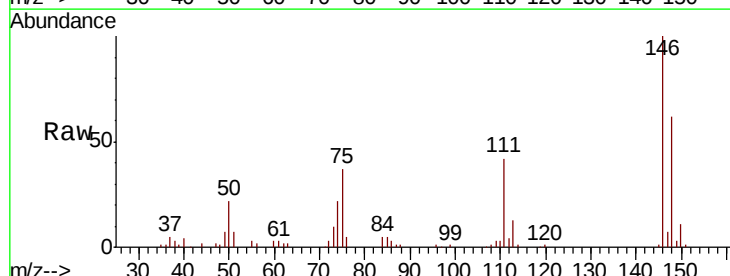
Tgt Ion: 146 Resp: 77480

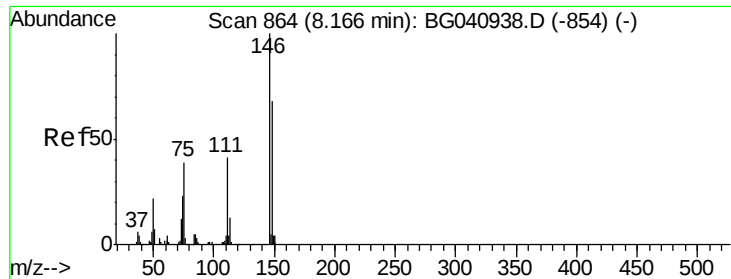
Ion Ratio Lower Upper

146 100

148 61.7 49.2 73.8

75 36.7 29.4 44.0

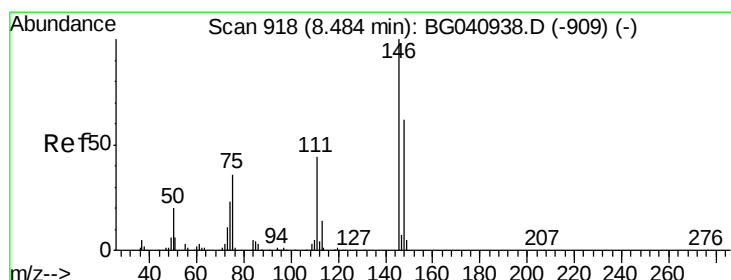
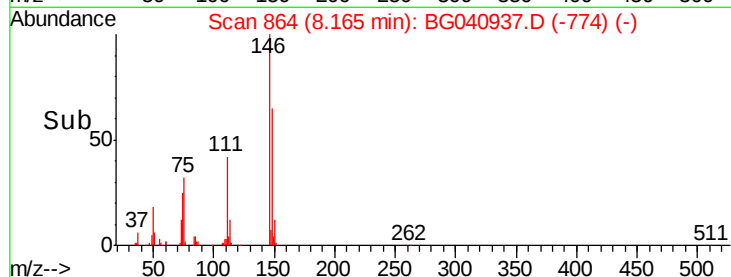
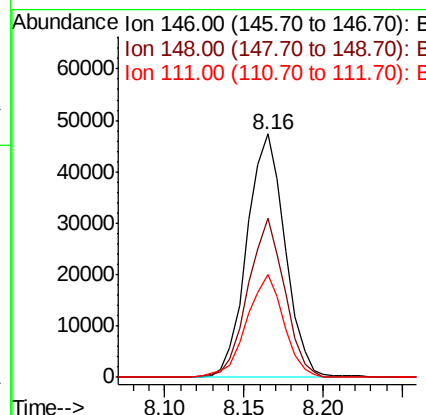
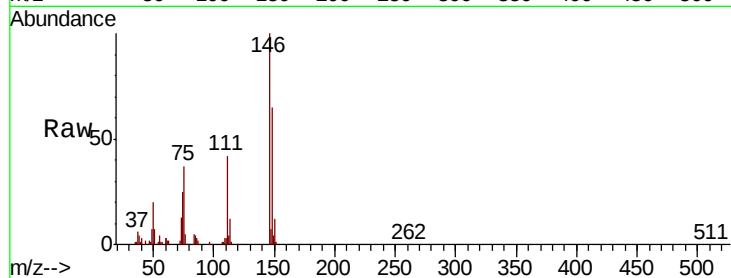




#13
 1,4-Dichlorobenzene
 Concen: 21.137 ng
 RT: 8.16 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

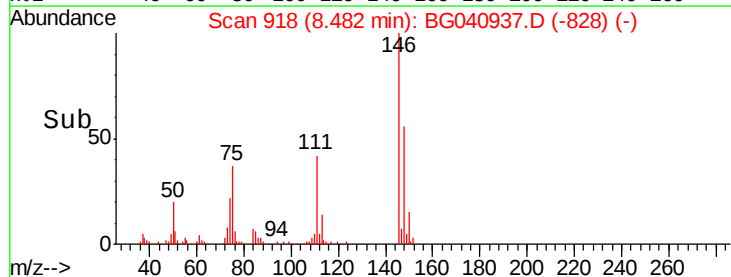
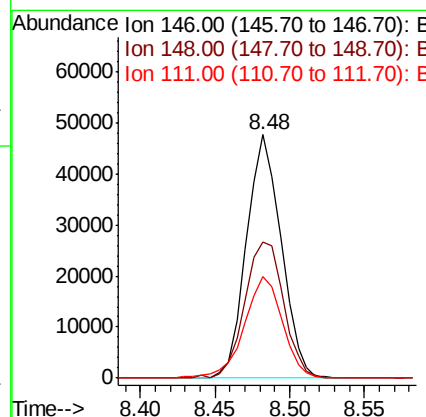
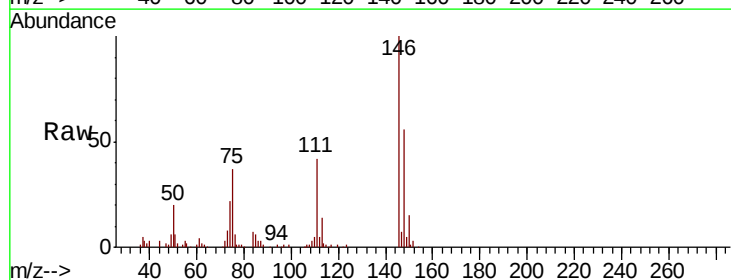
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

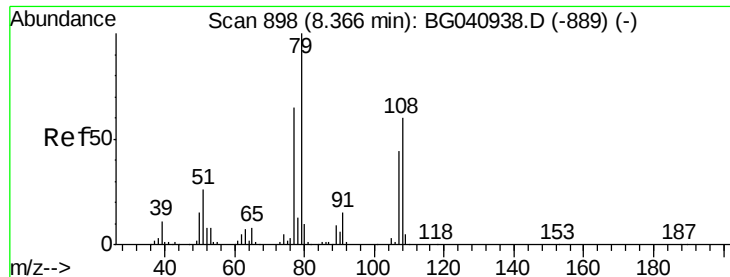
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	54.2	81.4
111	42.3	32.9	49.3



#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	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 :

SSTDIC020

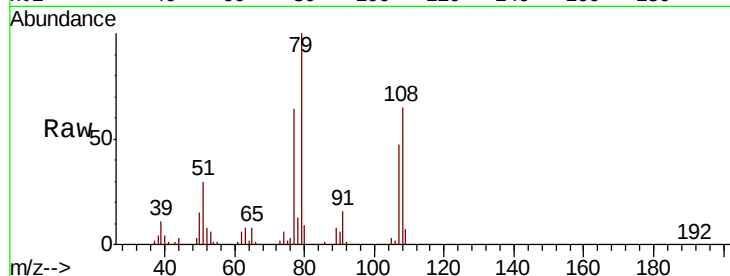
Tot Ion: 79 Resp: 77431

Ion Ratio Lower Upper

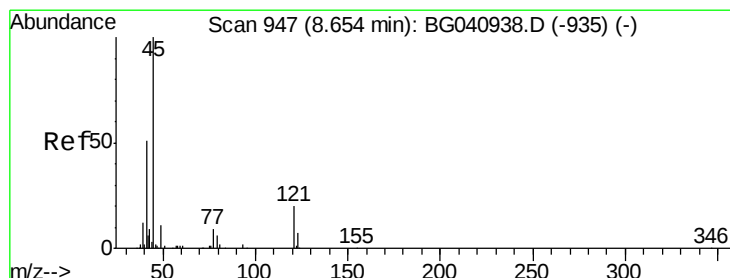
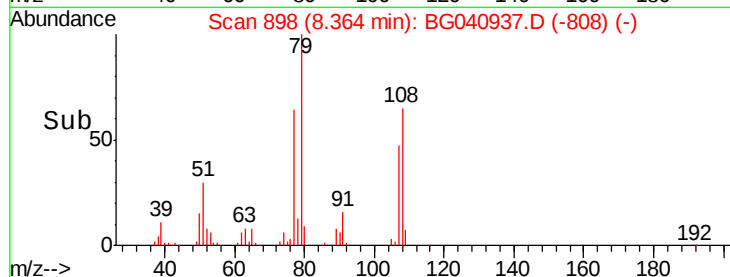
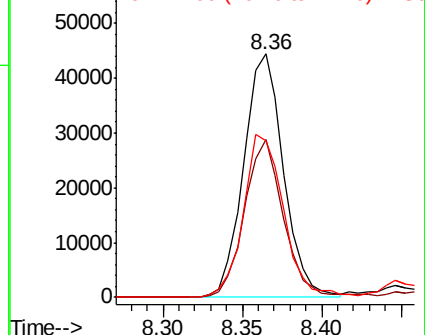
79 100

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

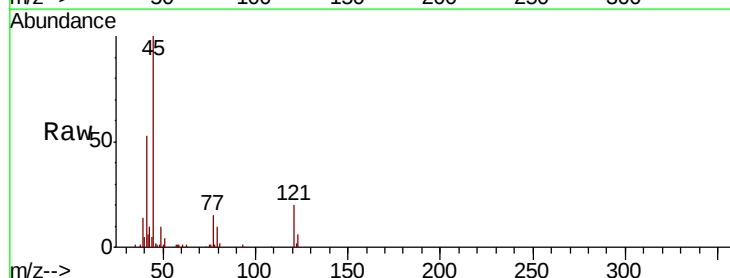
Tgt Ion: 45 Resp: 104577

Ion Ratio Lower Upper

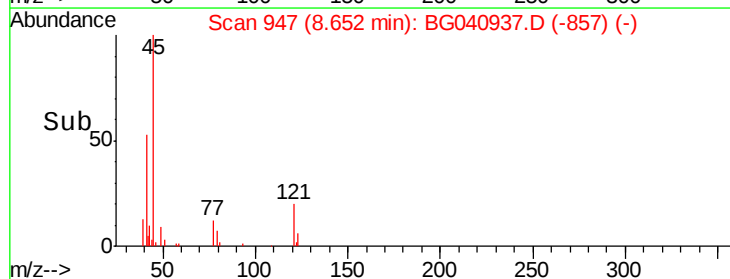
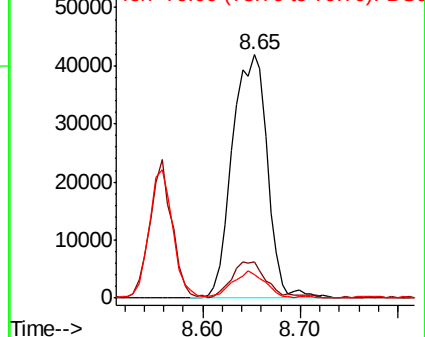
45 100

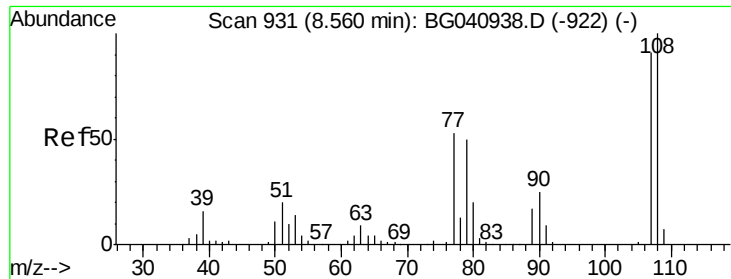
77 14.9 0.0 33.7

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

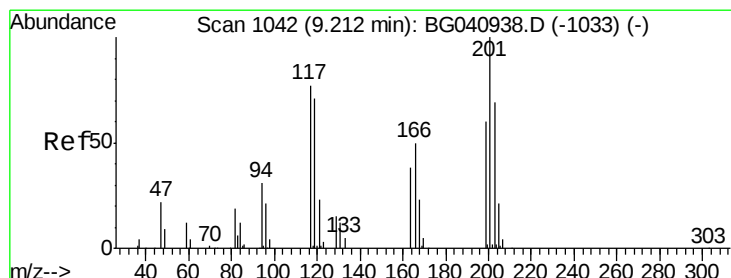
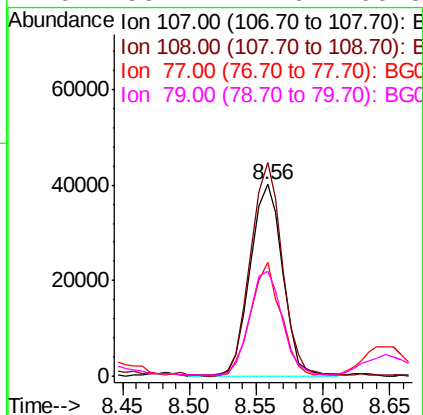
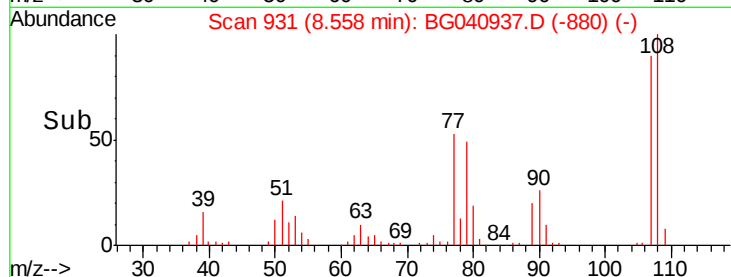
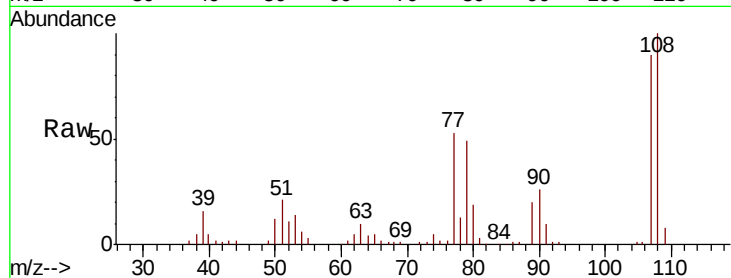




#17
2-Methylphenol
Concen: 20.966 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

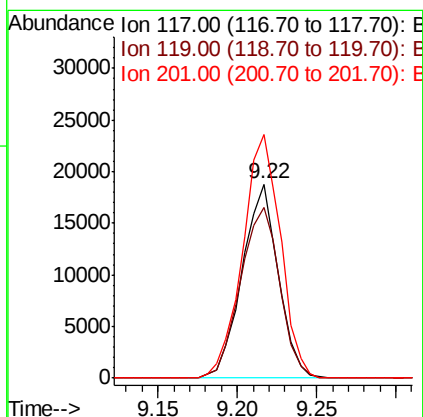
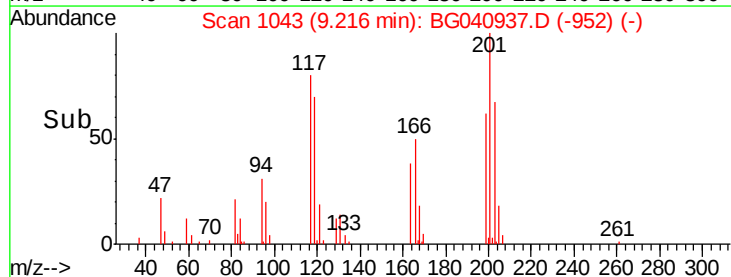
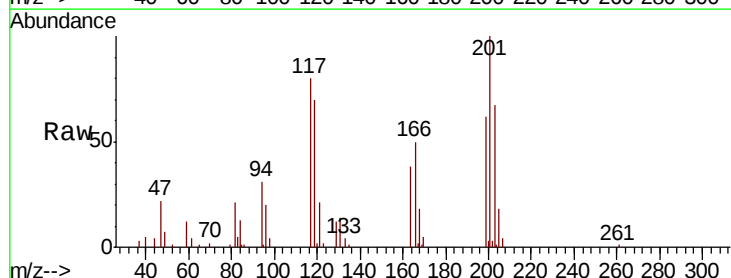
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

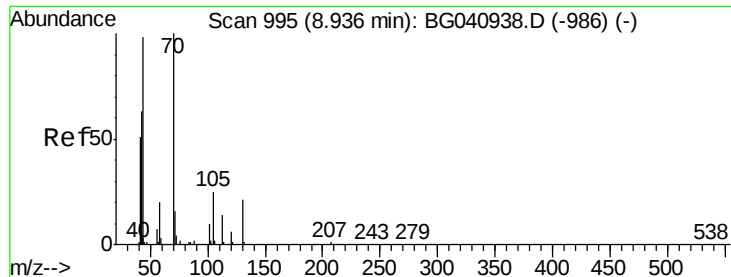
Tot Ion:107 Resp: 67846
Ion Ratio Lower Upper
107 100
108 111.4 87.7 131.5
77 59.4 46.6 70.0
79 55.1 44.6 66.8



#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

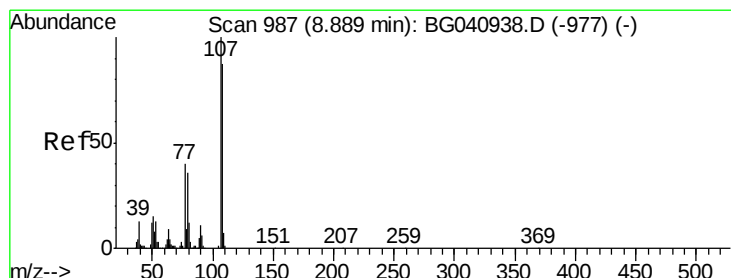
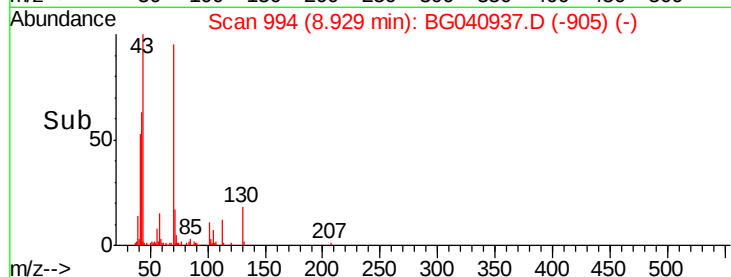
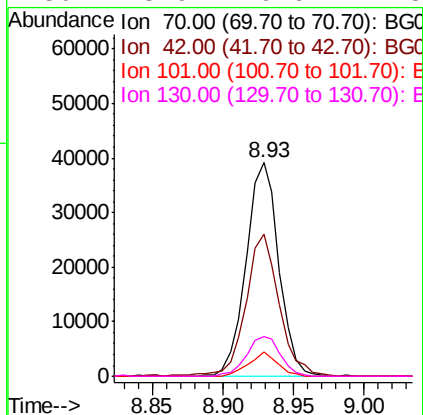
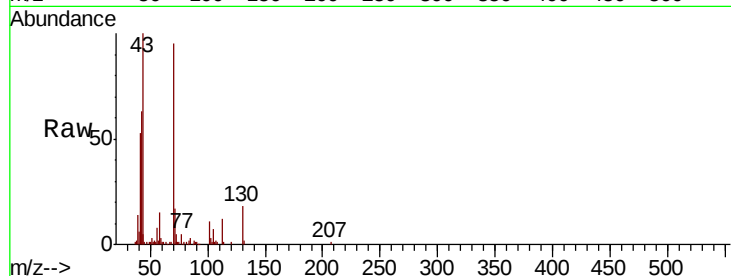




#19
n-Nitroso-di-n-propylamine
Concen: 16.579 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

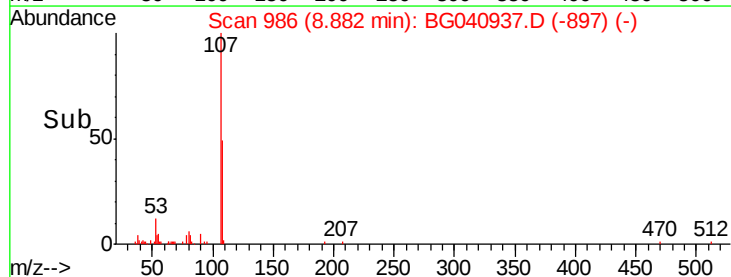
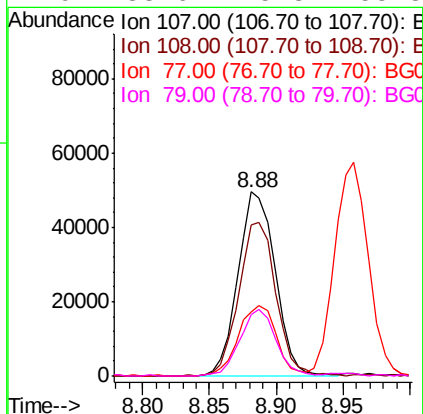
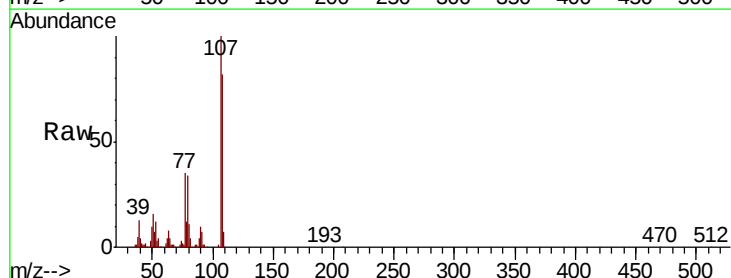
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

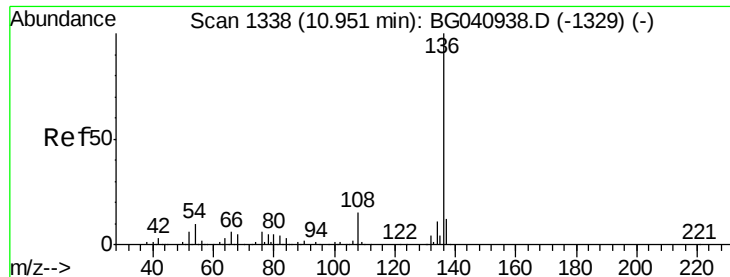
Tot Ion:	70	Resp:	63482
Ion	Ratio	Lower	Upper
70	100		
42	66.7	51.5	77.3
101	11.5	8.1	12.1
130	18.9	16.6	24.8



#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

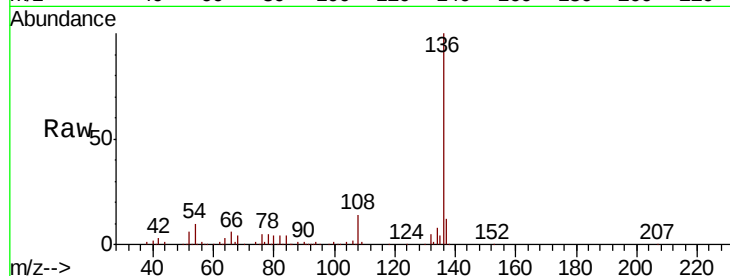




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot 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#



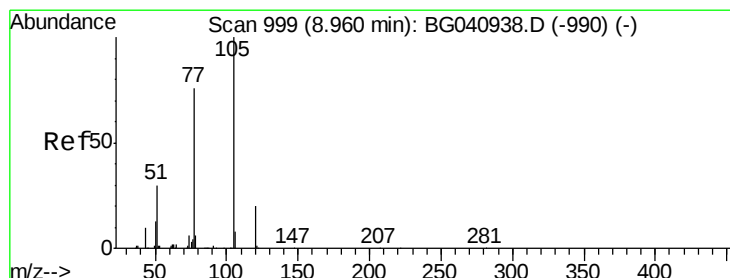
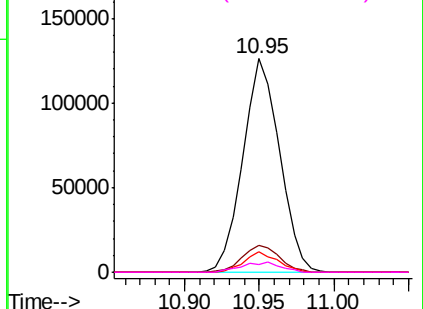
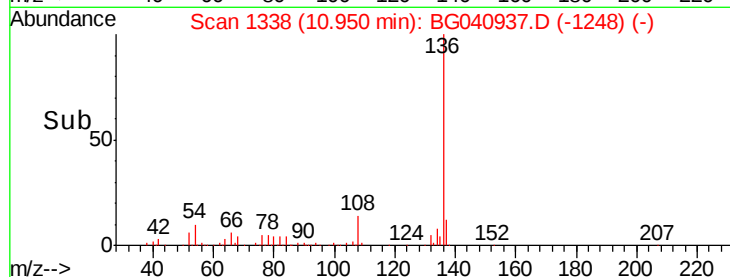
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

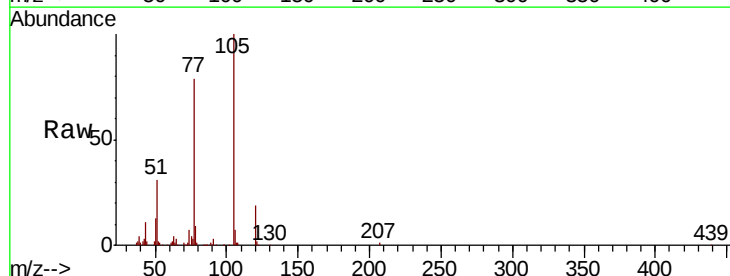
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 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



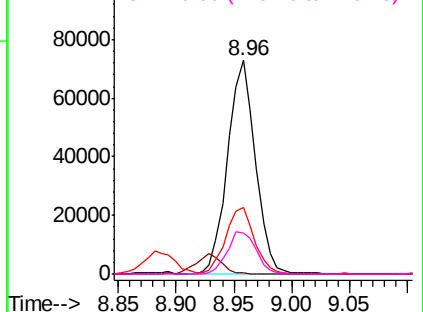
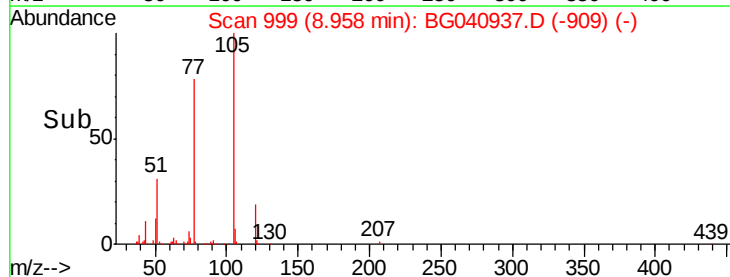
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

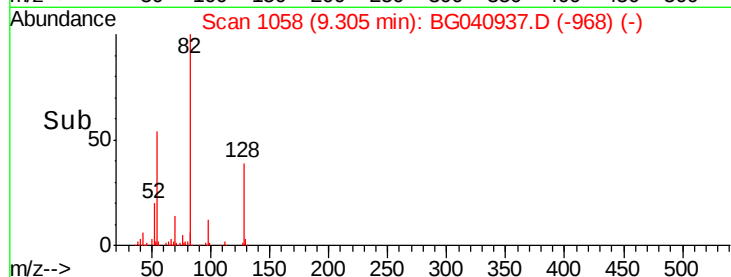
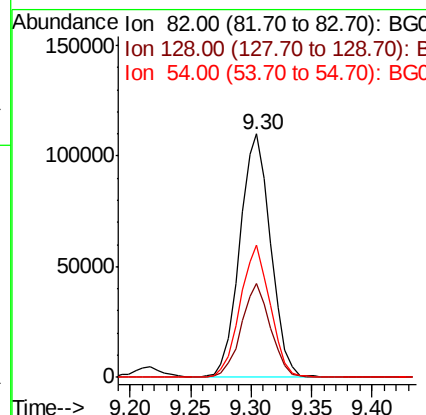
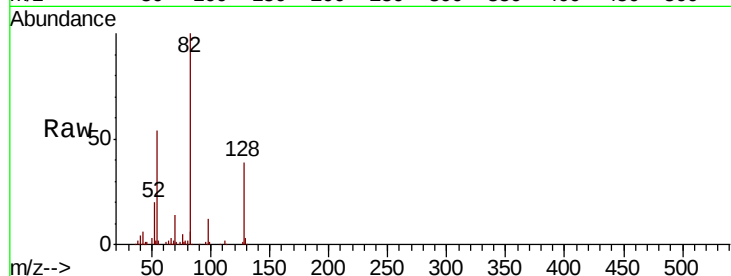




#23
Nitrobenzene-d5
Concen: 42.242 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

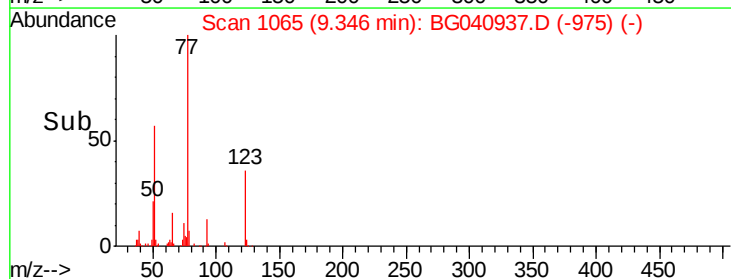
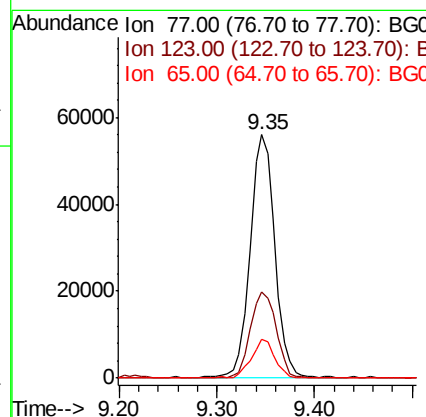
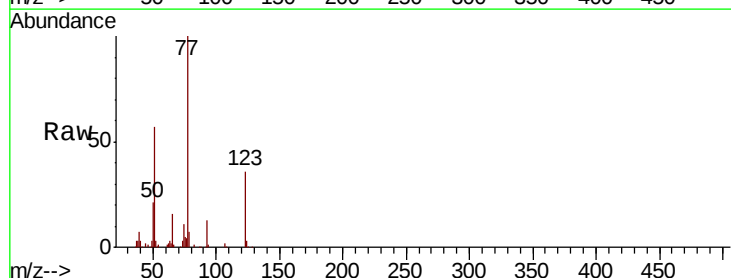
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

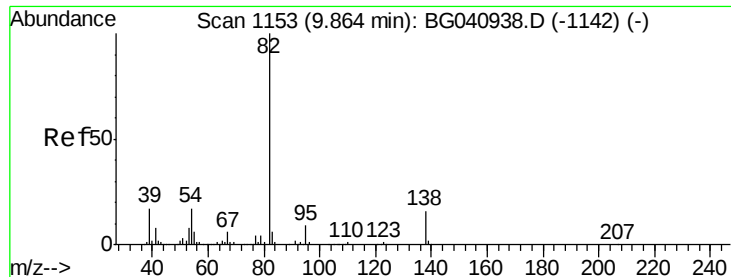
Tot Ion	82	Resp	196046
Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.5	45.7
54	54.1	44.6	66.8



#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	77	Resp	99522
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

ClientSampled :

SSTDIC020

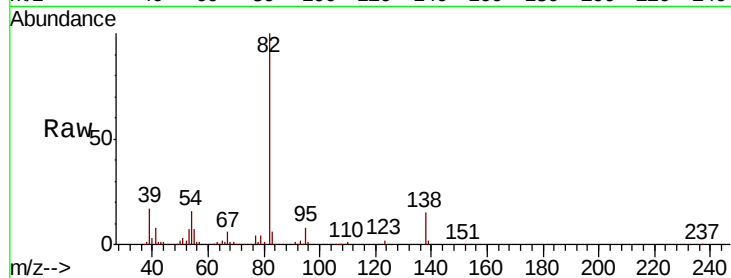
Tot Ion: 82 Resp: 180493

Ion Ratio Lower Upper

82 100

95 8.1 7.0 10.4

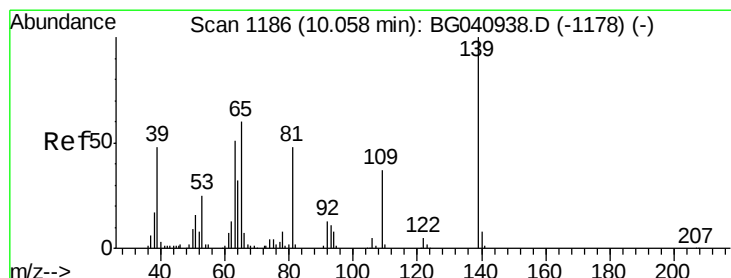
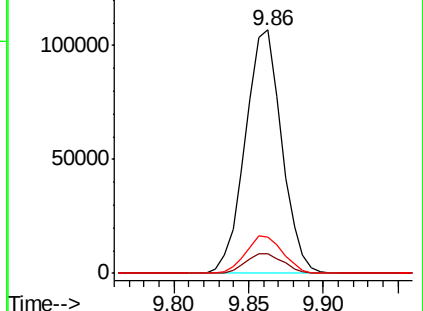
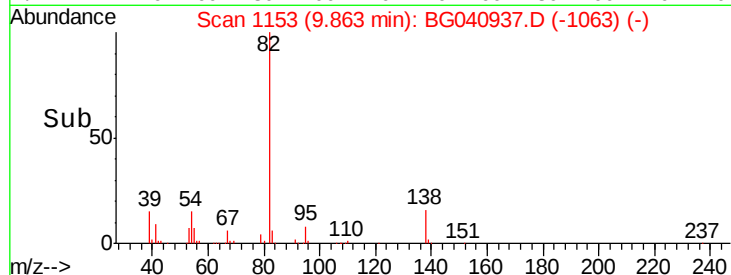
138 15.1 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040937.D (-1063) (-)

Ion 95.00 (94.70 to 95.70): BG040937.D (-1063) (-)

Ion 138.00 (137.70 to 138.70): BG040937.D (-1063) (-)



#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

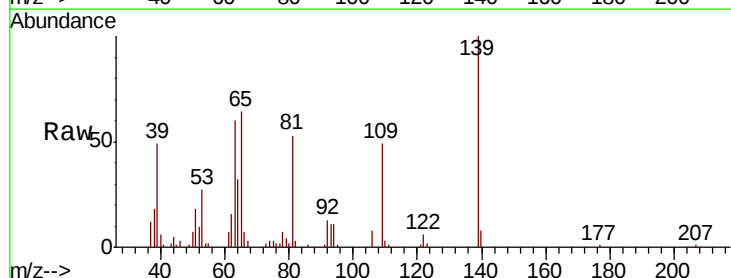
Tgt Ion: 139 Resp: 37980

Ion Ratio Lower Upper

139 100

109 49.0 29.8 44.6#

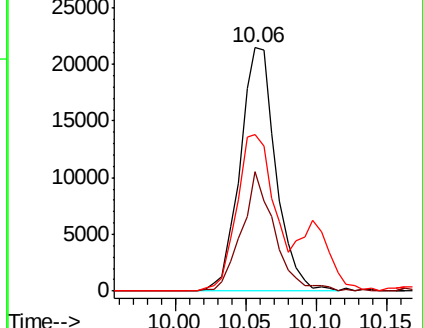
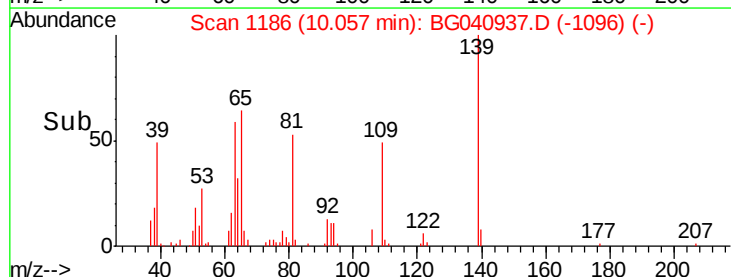
65 64.3 47.8 71.6

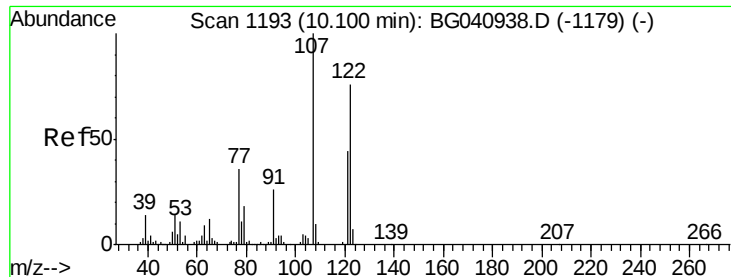


Abundance Ion 139.00 (138.70 to 139.70): BG040937.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BG040937.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BG040937.D (-1096) (-)

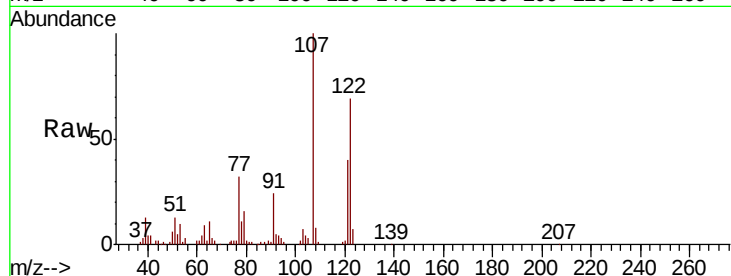




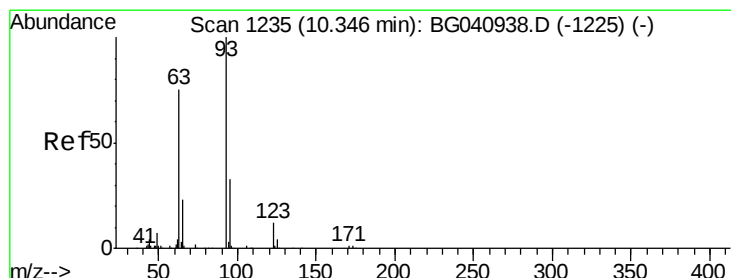
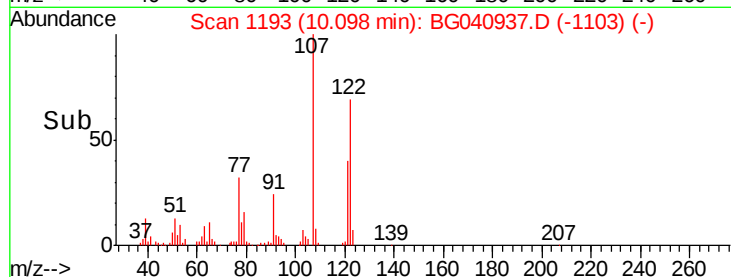
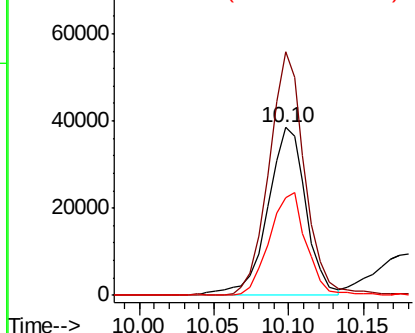
#27
2,4-Dimethylphenol
Concen: 20.628 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot Ion:122 Resp: 68698
Ion Ratio Lower Upper
122 100
107 145.3 105.9 158.9
121 58.4 46.2 69.4

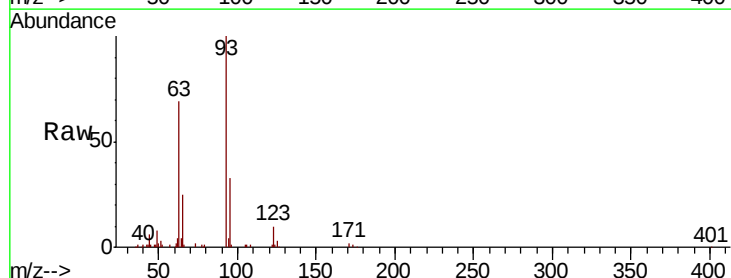


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

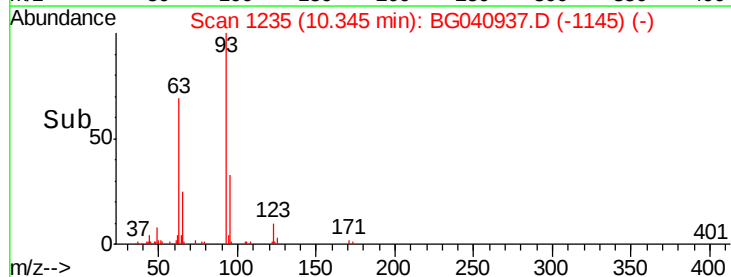
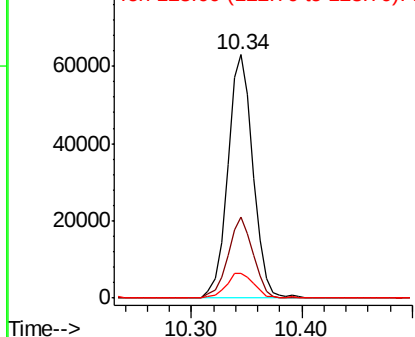


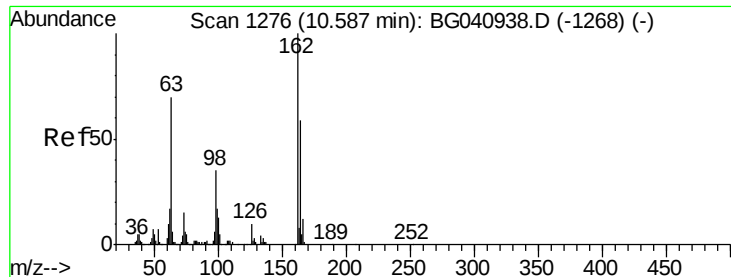
#28
bis(2-Chloroethoxy)methane
Concen: 19.342 ng
RT: 10.34 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

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

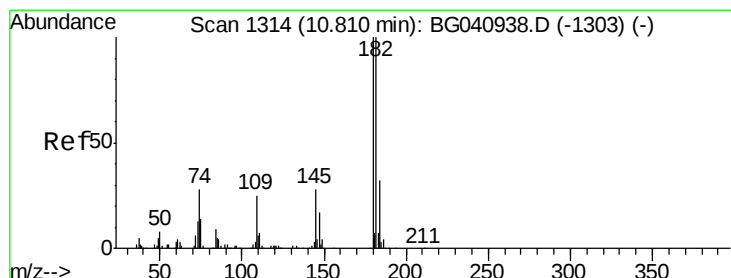
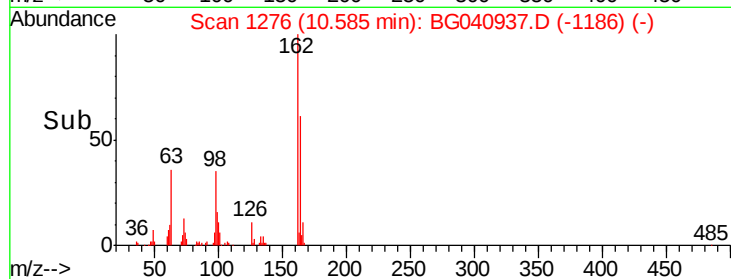
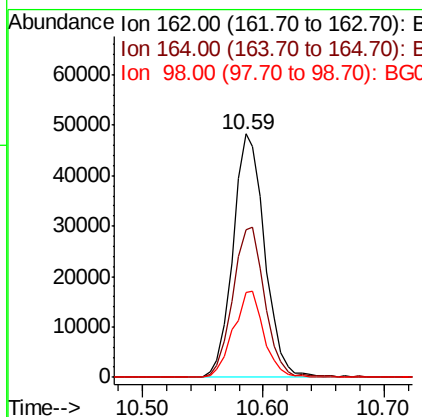
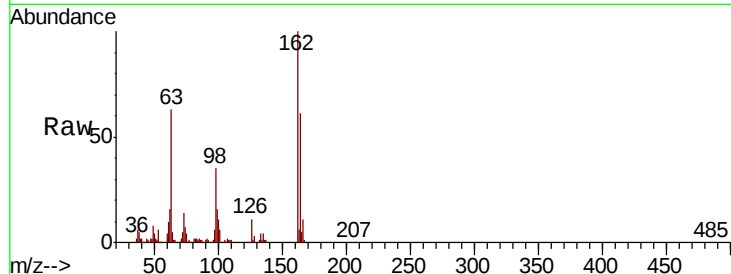




#29
 2,4-Dichlorophenol
 Concen: 23.251 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

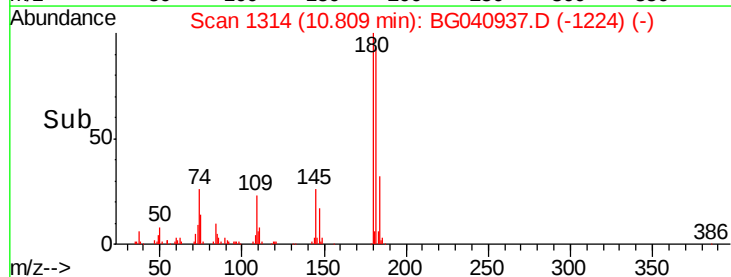
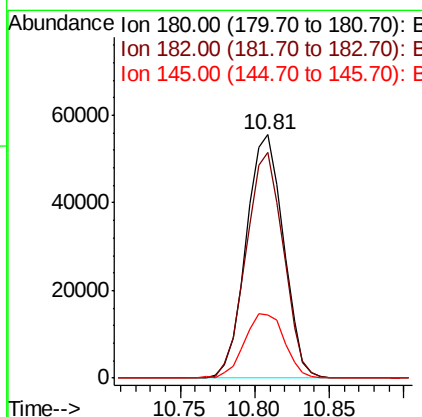
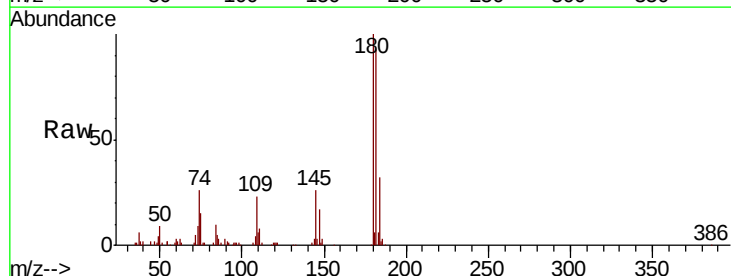
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

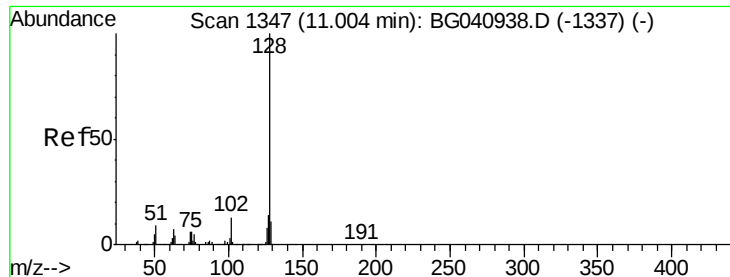
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.6	39.4	79.4
98	35.0	15.3	55.3



#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	Ratio	Lower	Upper
180	100		
182	92.9	79.7	119.5
145	26.0	22.6	34.0

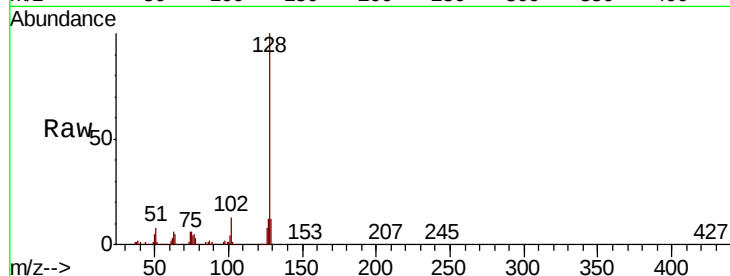




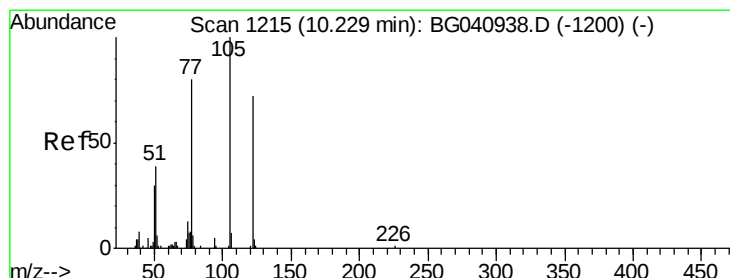
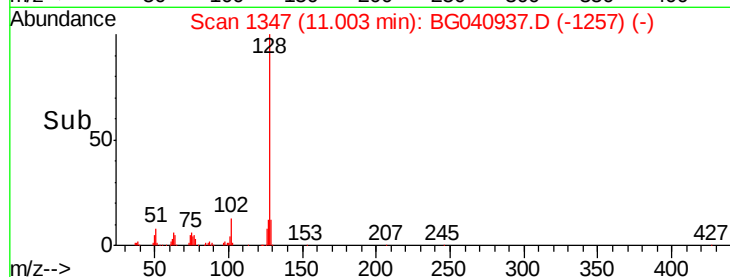
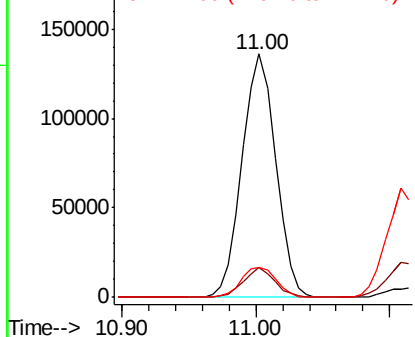
#31
Naphthalene
Concen: 20.842 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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

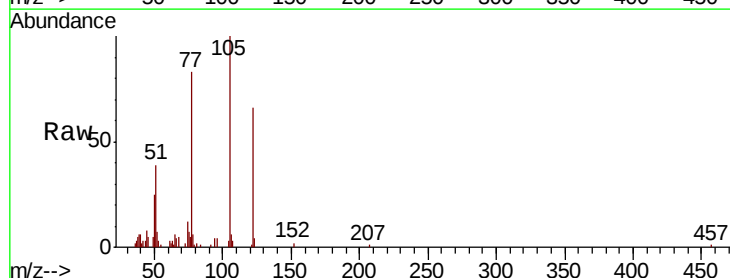


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

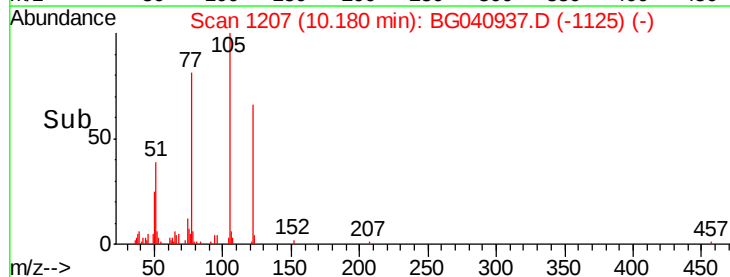
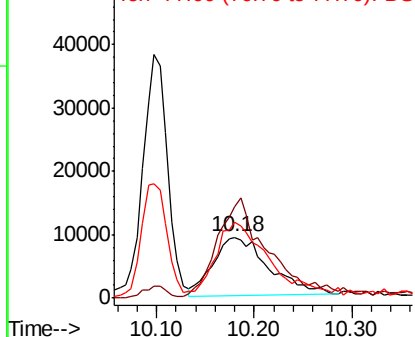


#32
Benzoic acid
Concen: 16.038 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.05 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

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



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

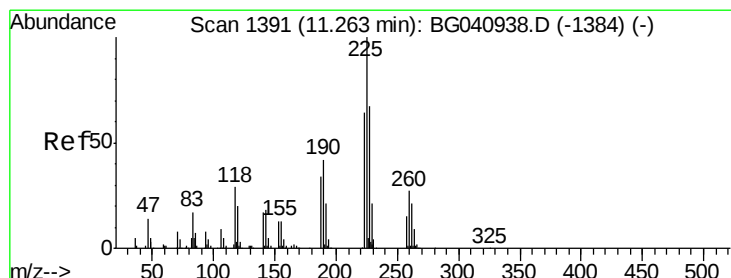
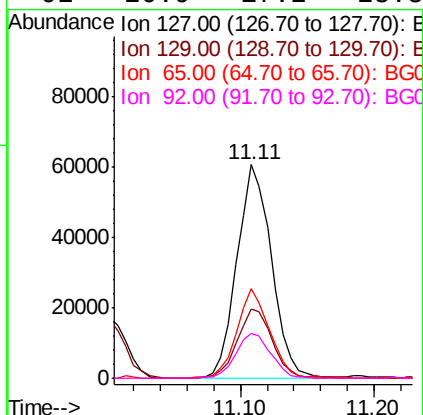
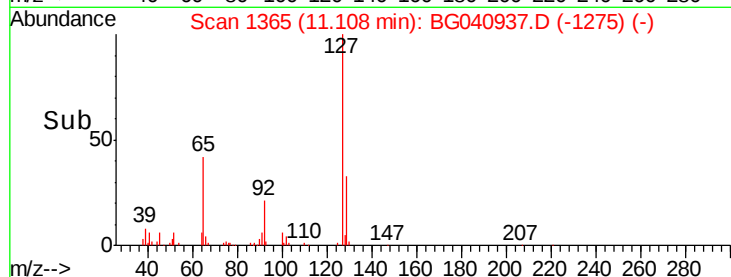
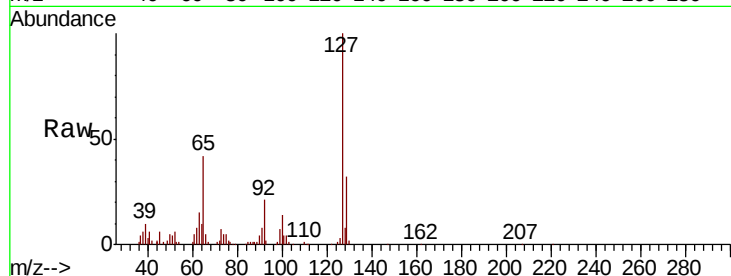




#33
4-Chloroaniline
Concen: 21.544 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

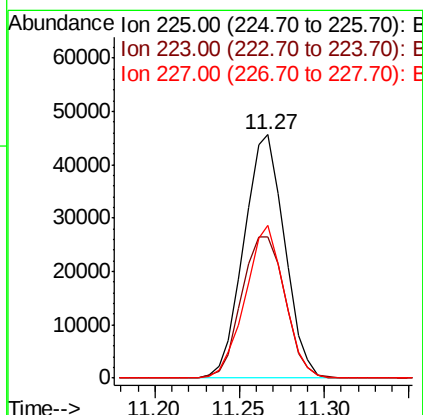
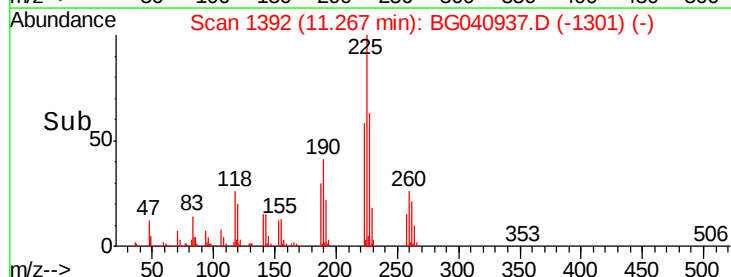
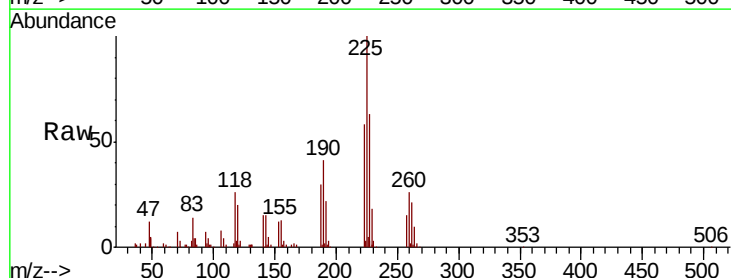
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

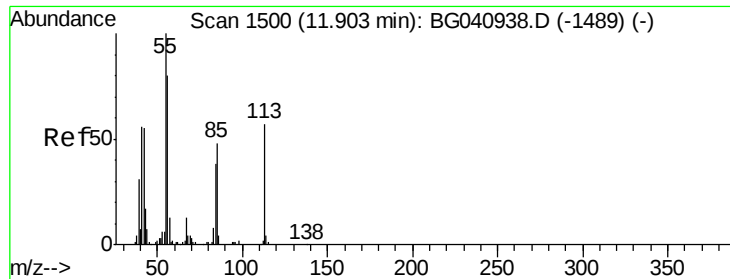
Tot Ion:127	Resp:	108827
Ion	Ratio	Lower Upper
127	100	
129	32.1	27.7 41.5
65	41.8	33.2 49.8
92	20.9	17.2 25.8



#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





#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 :

SSTDIC020

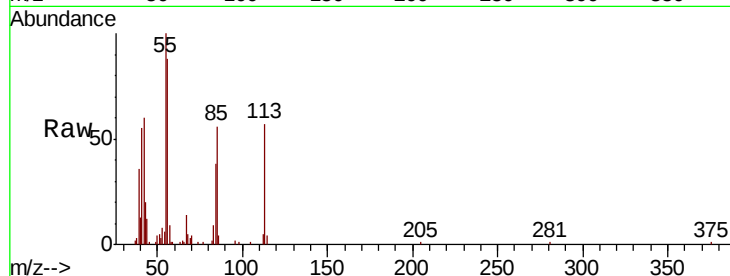
Tot Ion:113 Resp: 28604

Ion Ratio Lower Upper

113 100

55 176.8 155.9 195.9

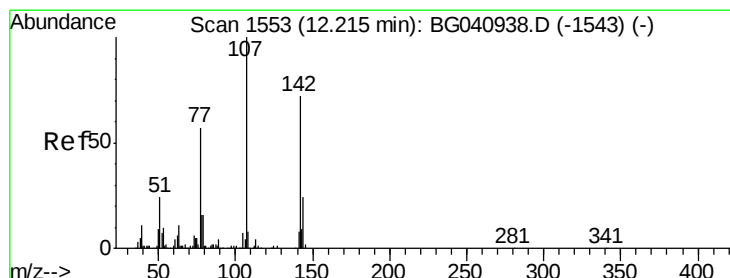
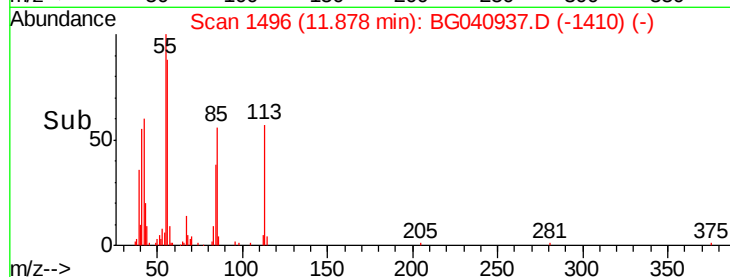
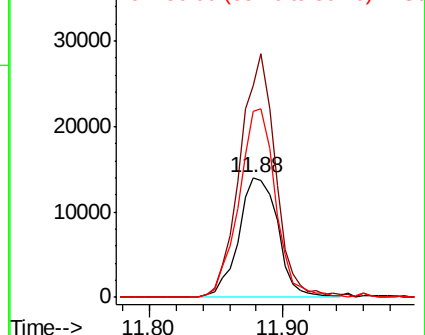
56 155.4 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 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

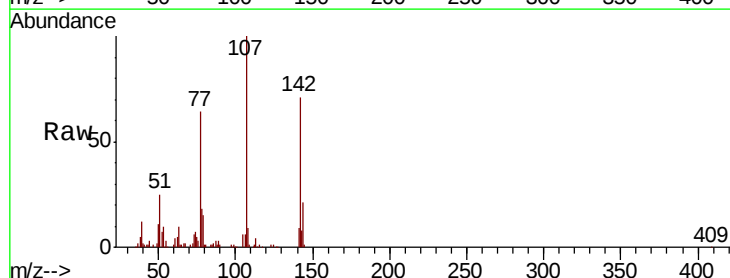
Tgt Ion:107 Resp: 99747

Ion Ratio Lower Upper

107 100

144 21.3 19.4 29.0

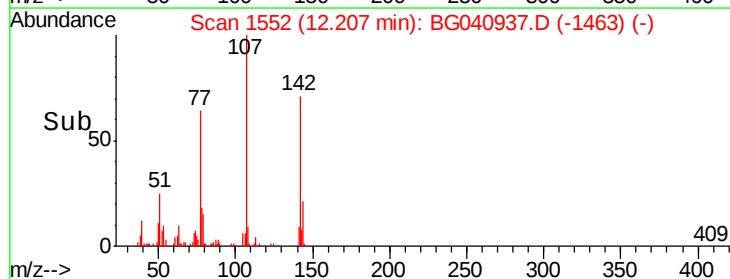
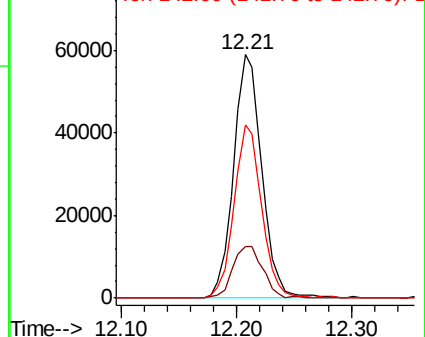
142 71.3 57.3 85.9

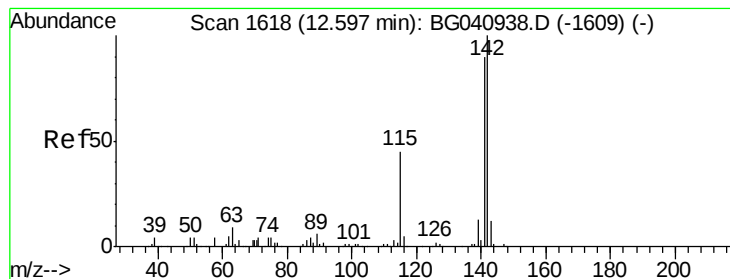


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 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

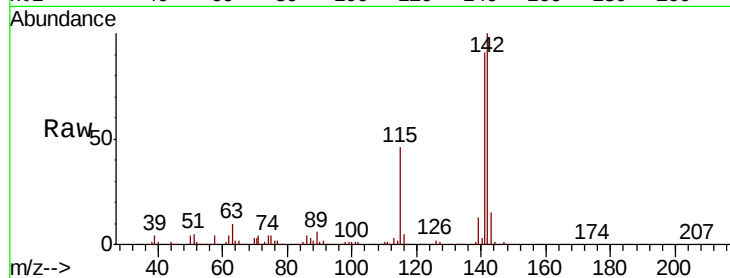
Tot Ion:142 Resp: 181024

Ion Ratio Lower Upper

142 100

141 91.1 72.2 108.4

115 45.8 36.2 54.4

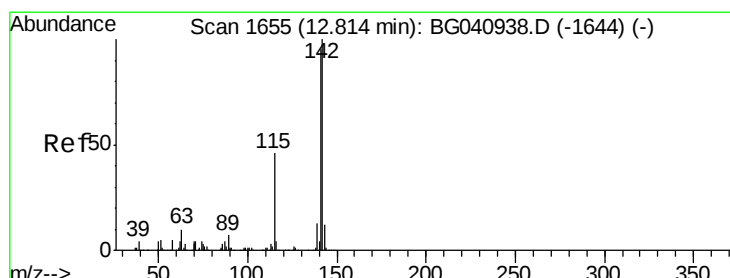
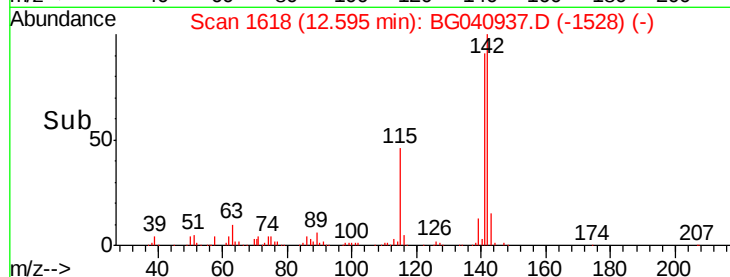
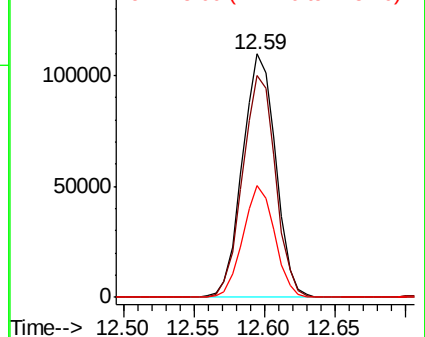


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 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

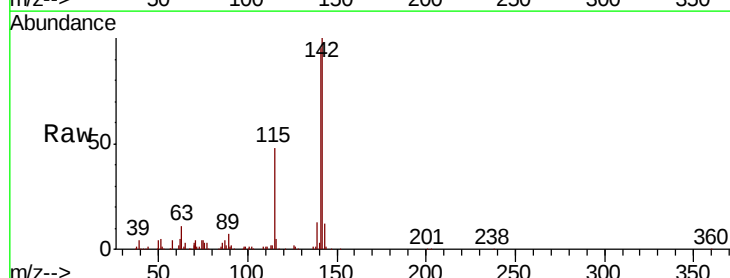
Tgt Ion:142 Resp: 171491

Ion Ratio Lower Upper

142 100

141 94.6 75.7 113.5

116 4.6 3.4 5.2

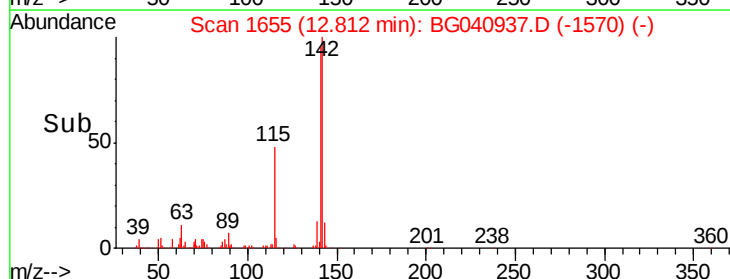
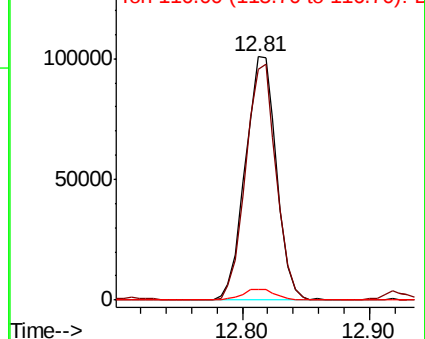


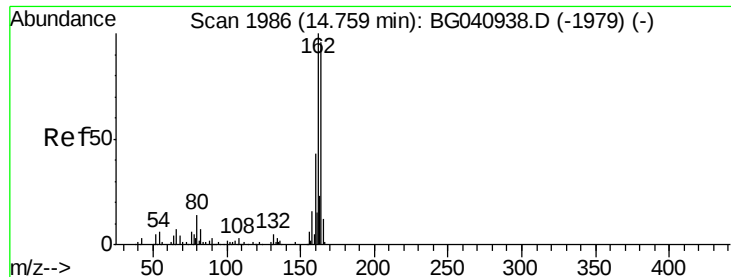
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG040937.D

Acq: 29 May 2019 14:52

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

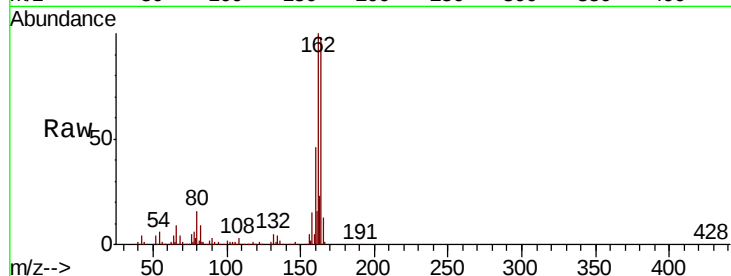
Tot Ion:164 Resp: 165857

Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.4

160 46.2 35.6 53.4

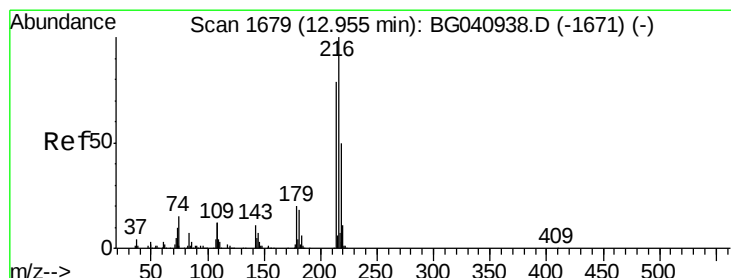
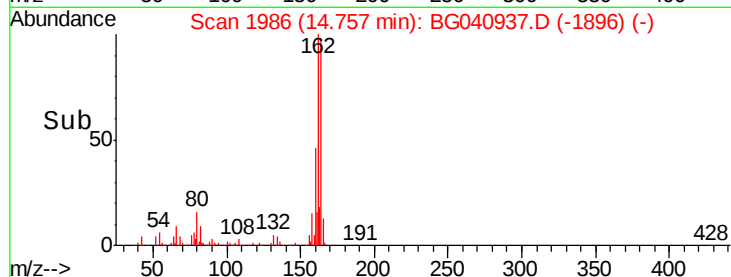
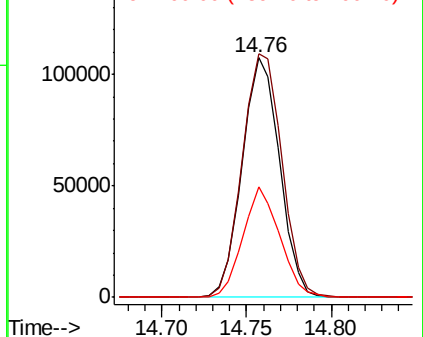


Abundance

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

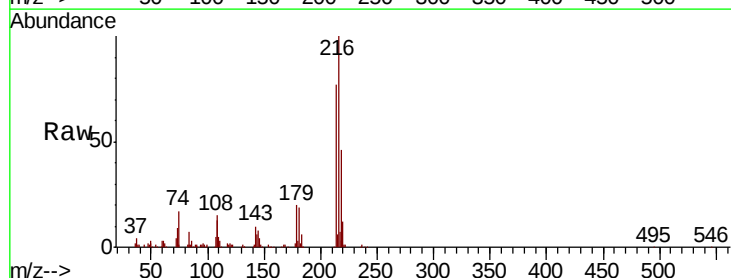
Ion Ratio Lower Upper

216 100

214 81.5 63.4 95.2

179 19.4 15.2 22.8

108 15.5 11.4 17.2



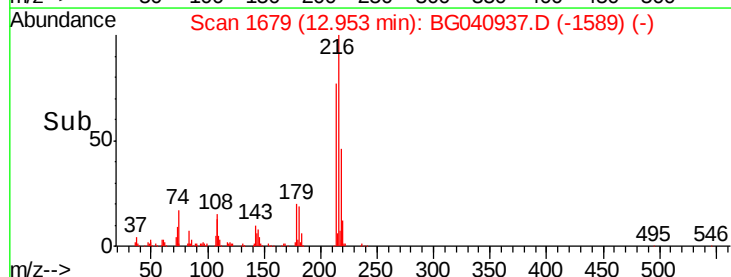
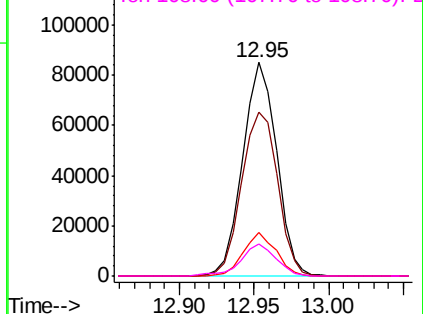
Abundance

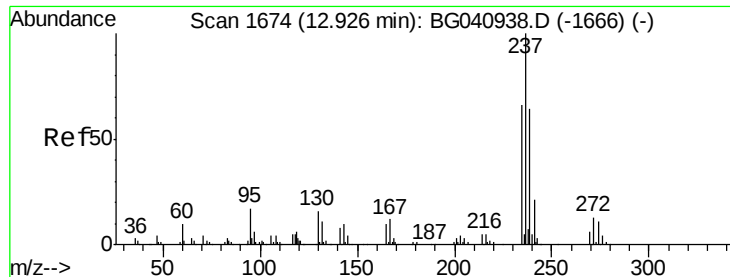
Ion 216.00 (215.70 to 216.70): E

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 :

SSTDIC020

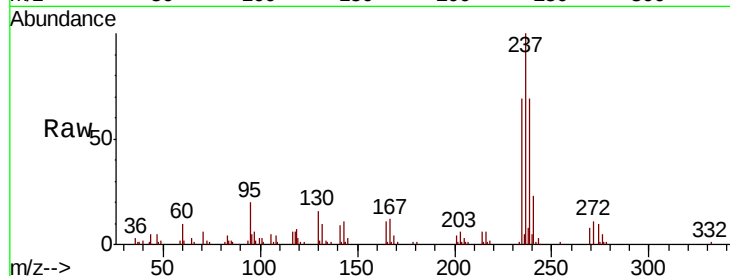
Tot Ion:237 Resp: 47497

Ion Ratio Lower Upper

237 100

235 69.2 45.5 85.5

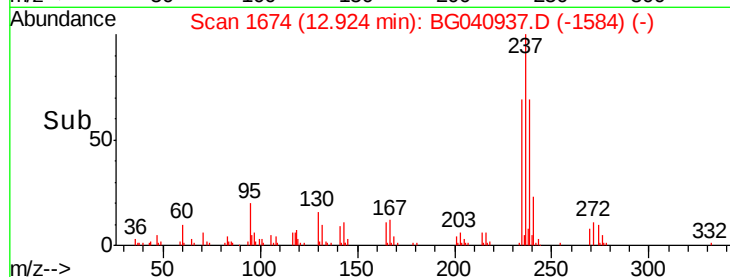
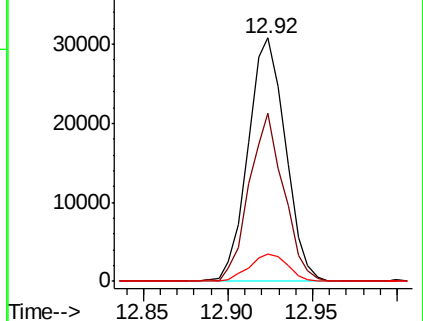
272 11.2 0.0 32.9



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

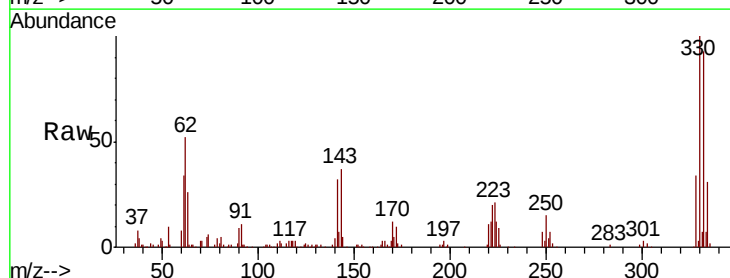
Tgt Ion:330 Resp: 97932

Ion Ratio Lower Upper

330 100

332 94.2 78.5 117.7

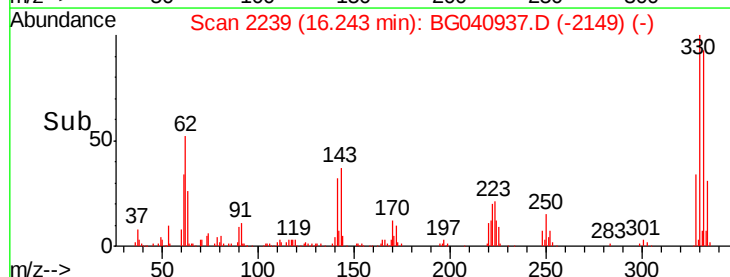
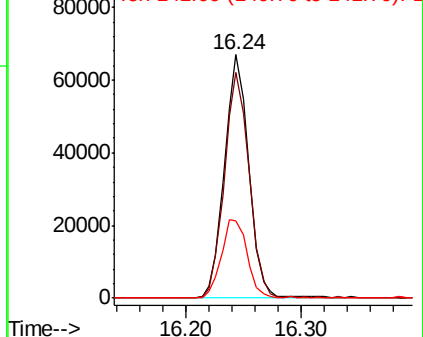
141 34.3 28.7 43.1



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

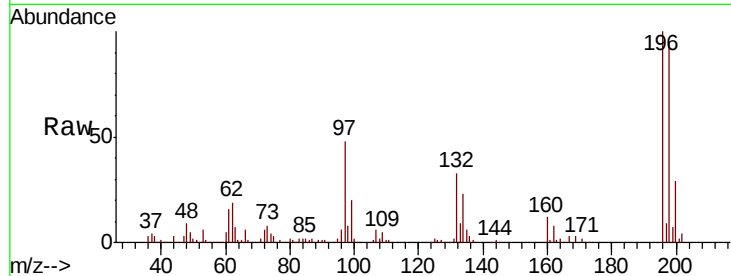




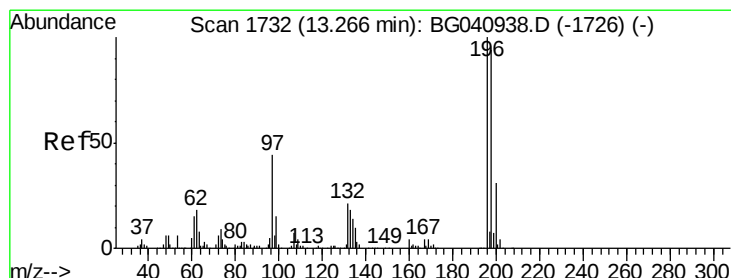
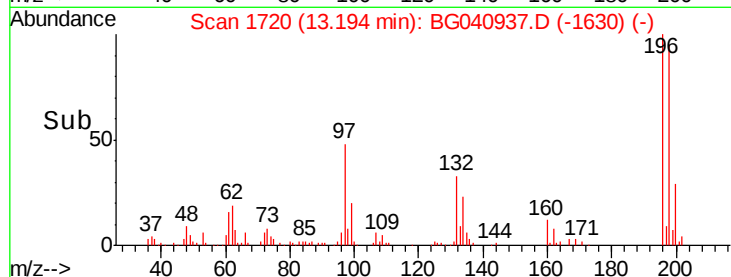
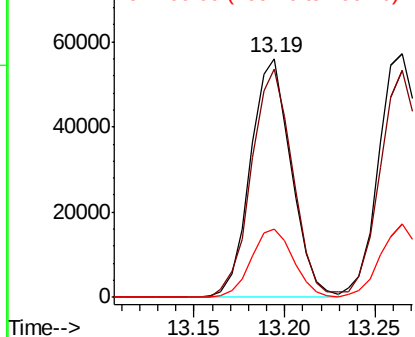
#43
 2,4,6-Trichlorophenol
 Concen: 23.446 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

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

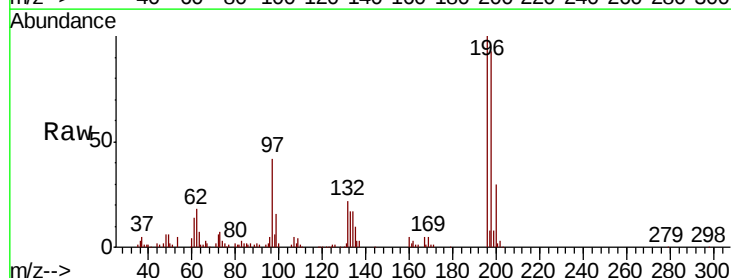


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

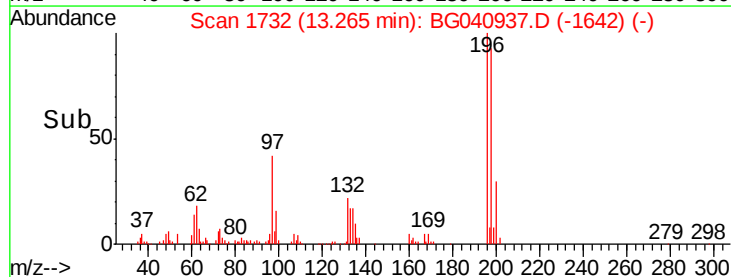
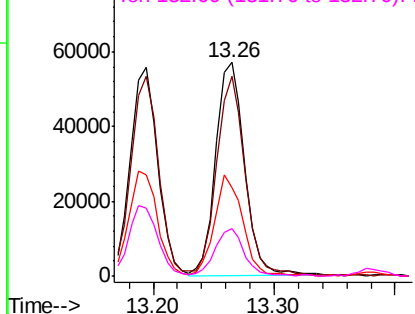


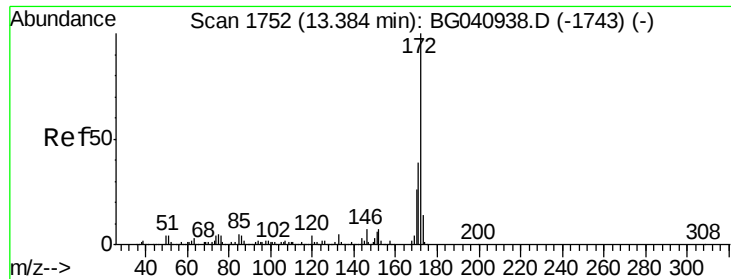
#44
 2,4,5-Trichlorophenol
 Concen: 23.248 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

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



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

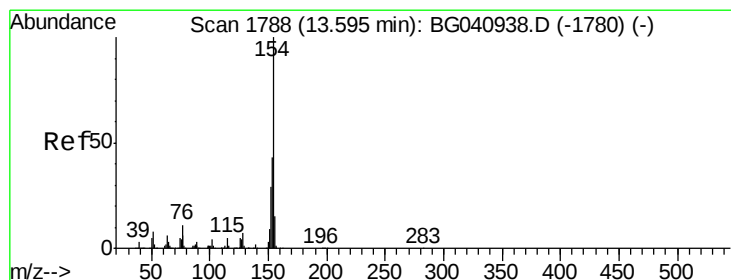
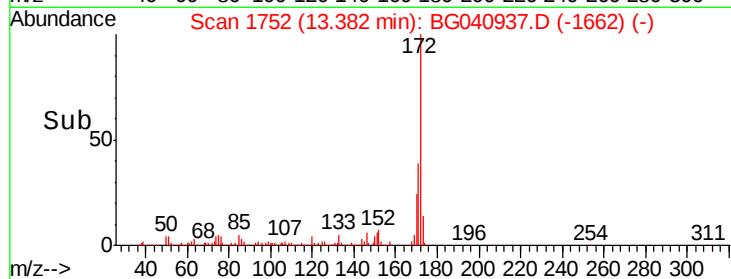
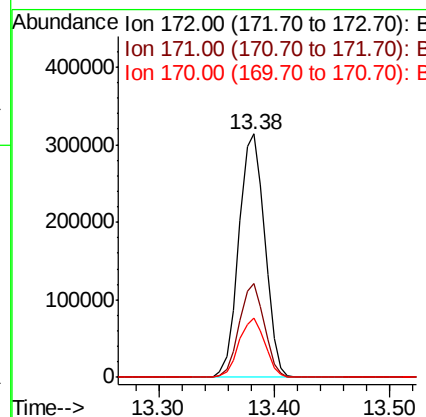
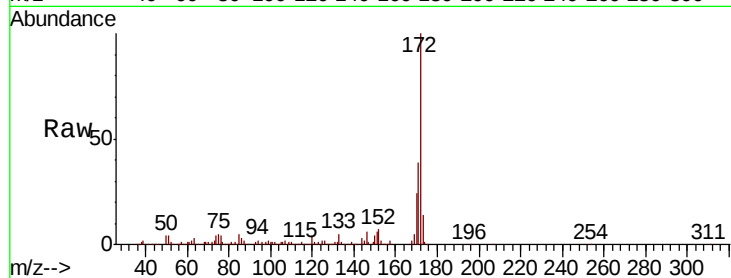




#45
2-Fluorobiphenyl
Concen: 42.470 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

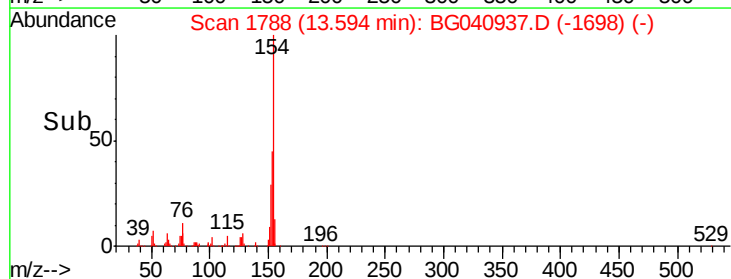
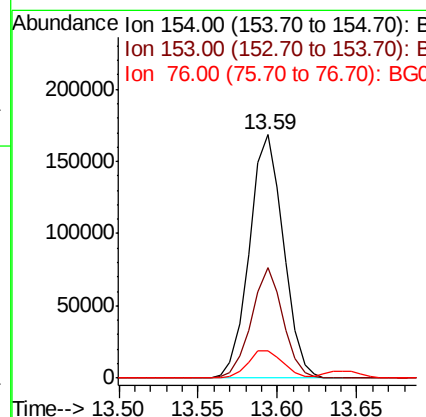
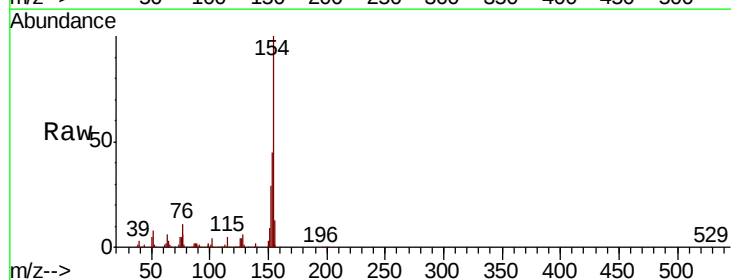
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

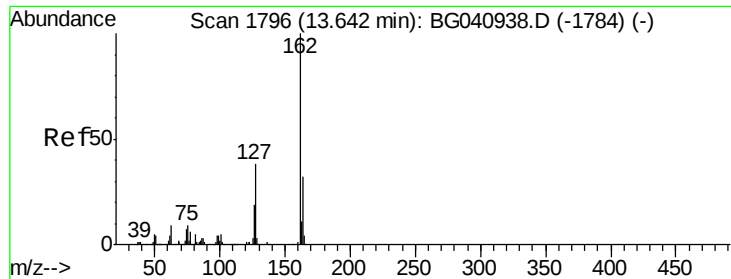
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.1	46.7
170	24.2	20.5	30.7



#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

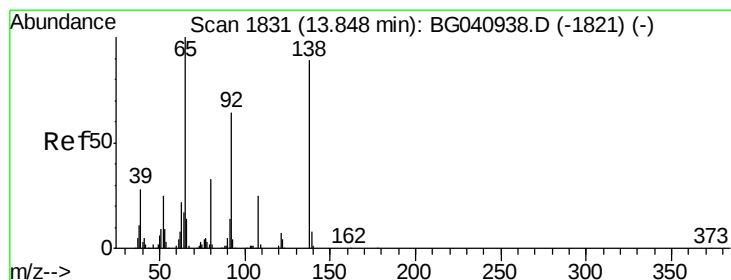
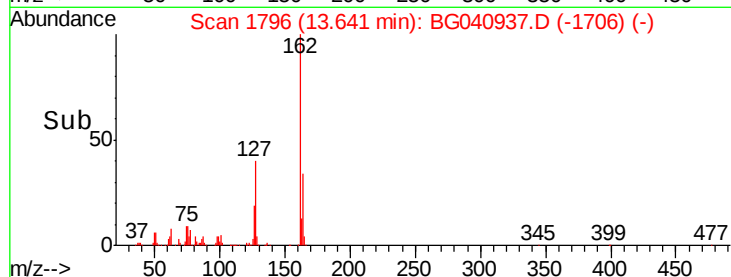
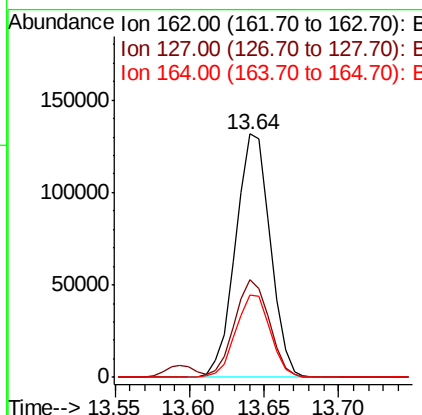
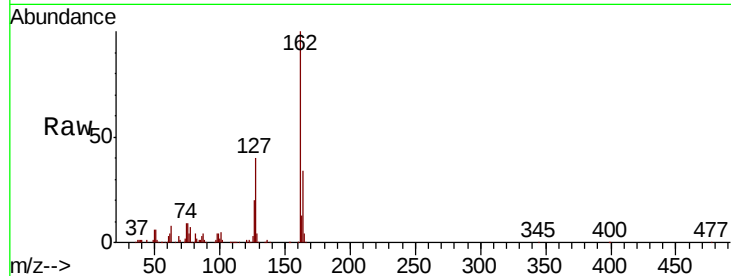




#47
2-Chloronaphthalene
Concen: 21.176 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

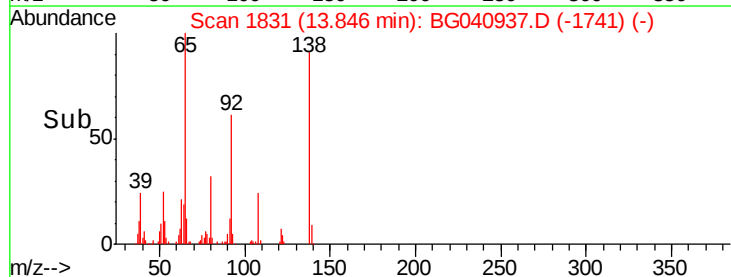
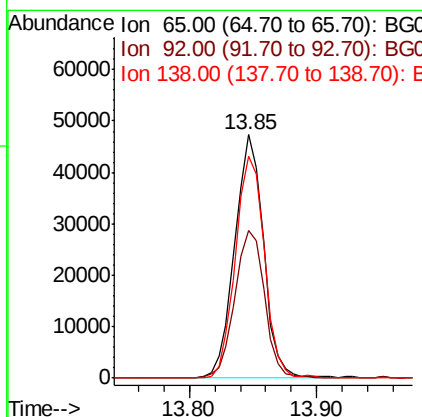
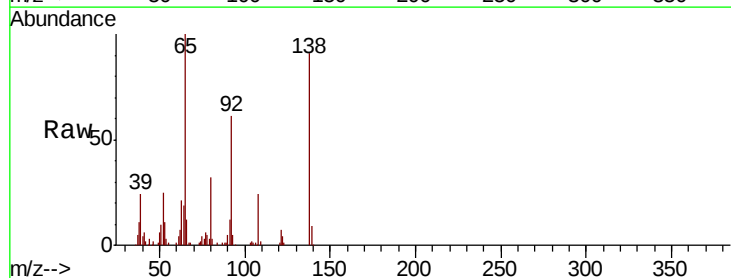
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

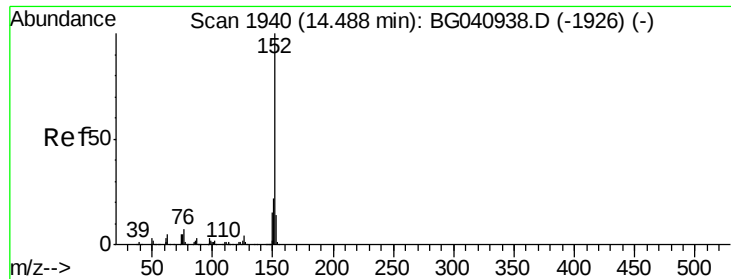
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.5	45.7
164	33.8	25.8	38.6



#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

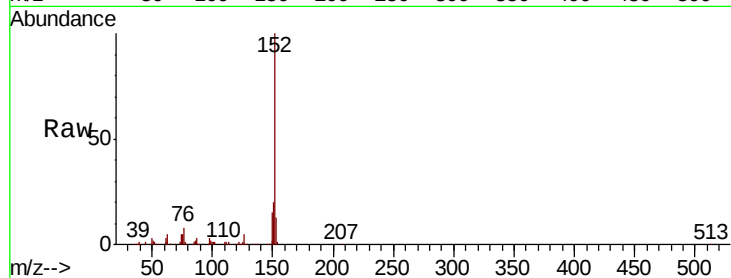
Tot Ion:152 Resp: 334027

Ion Ratio Lower Upper

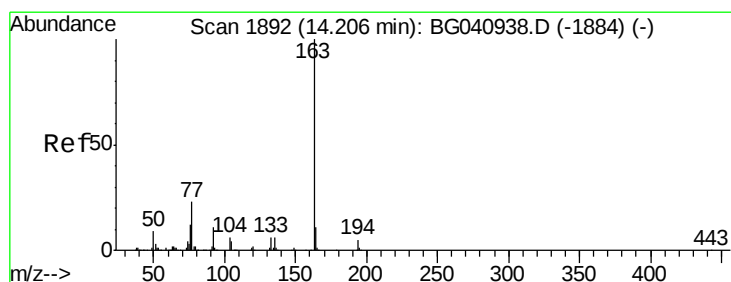
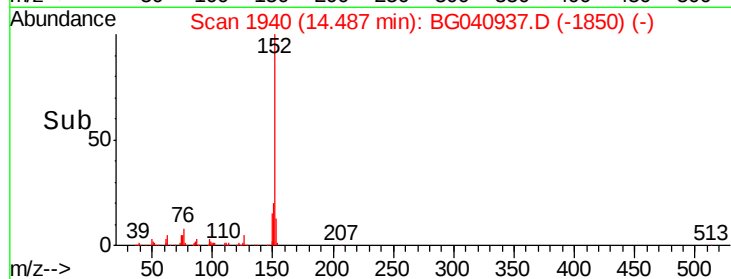
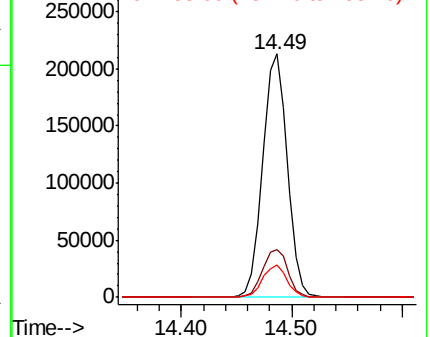
152 100

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

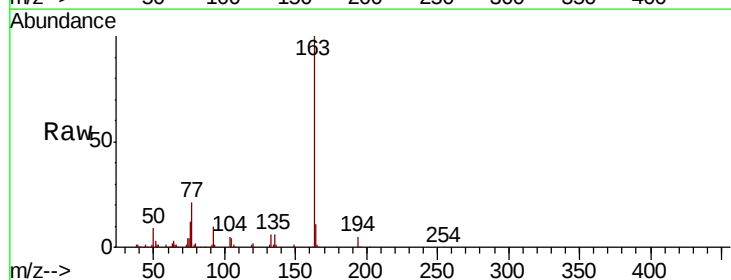
Tgt Ion:163 Resp: 291492

Ion Ratio Lower Upper

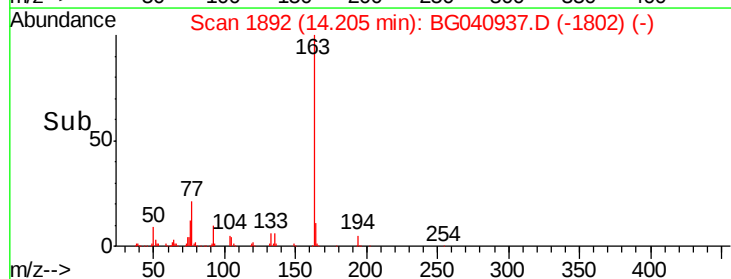
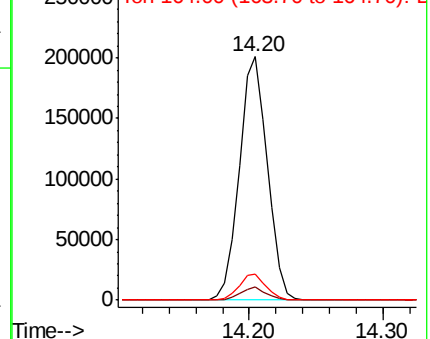
163 100

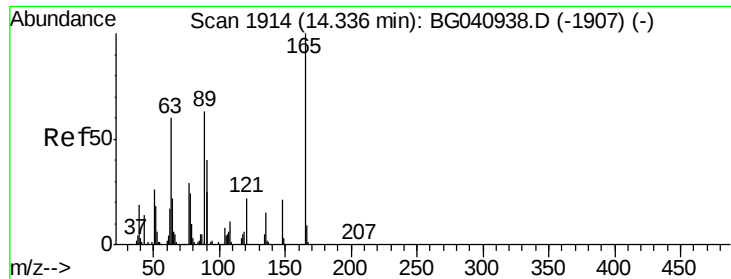
194 5.4 3.8 5.8

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

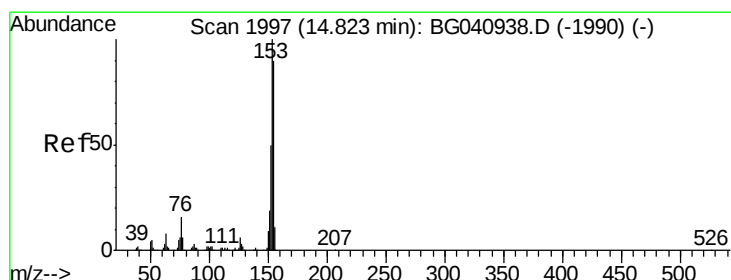
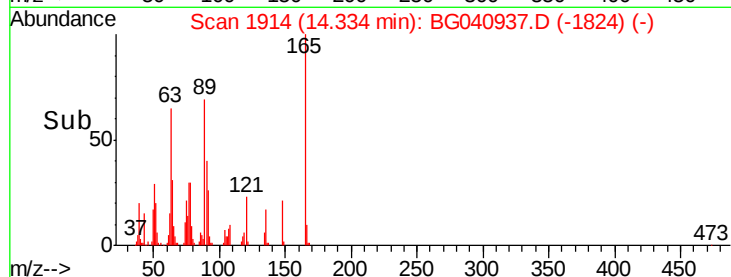
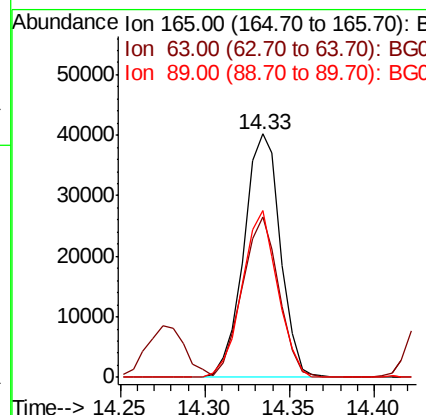
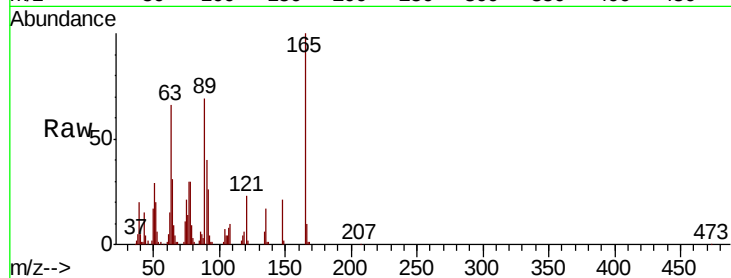




#51
2,6-Dinitrotoluene
Concen: 22.349 ng
RT: 14.33 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

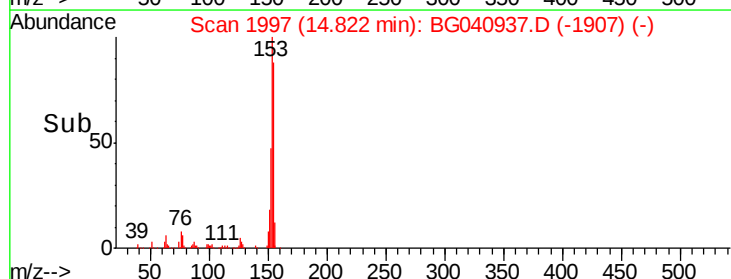
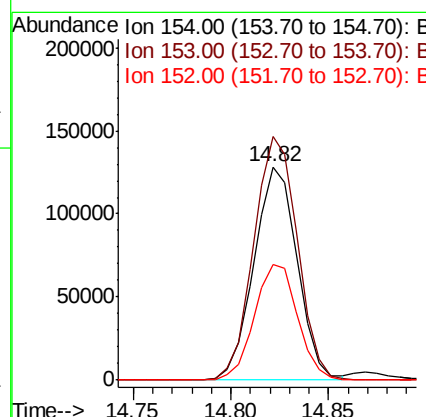
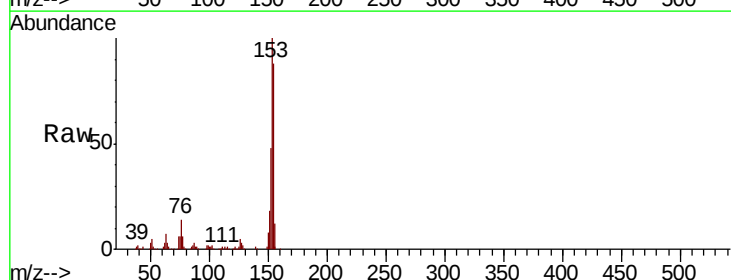
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tot Ion:165 Resp: 60530
Ion Ratio Lower Upper
165 100
63 65.9 53.6 80.4
89 68.7 50.4 75.6



#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





#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

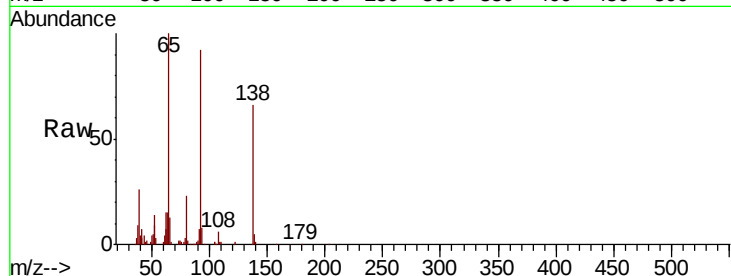
Tot Ion:138 Resp: 61106

Ion Ratio Lower Upper

138 100

108 9.5 8.5 12.7

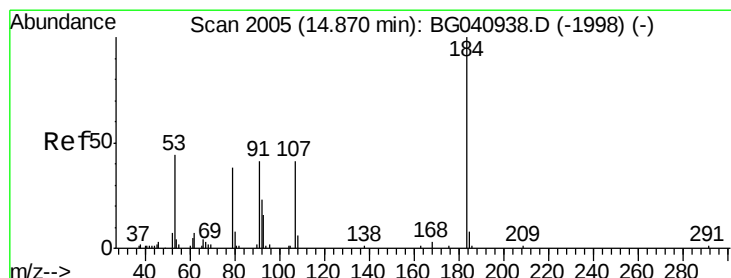
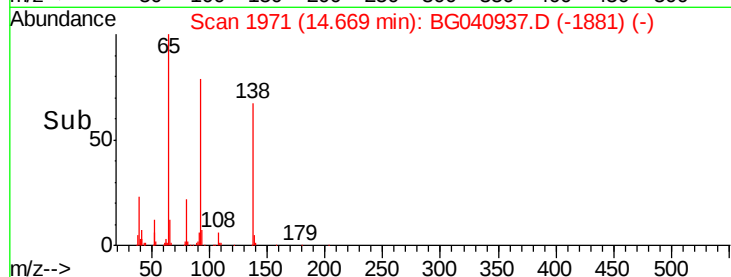
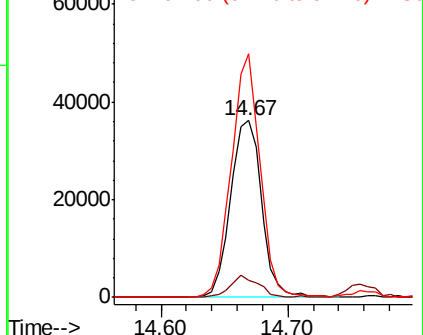
92 137.7 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 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

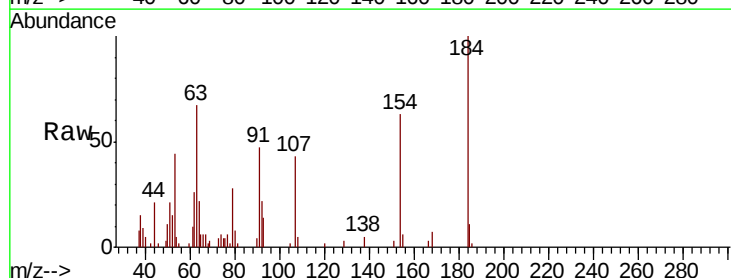
Tgt Ion:184 Resp: 13401

Ion Ratio Lower Upper

184 100

63 67.4 49.8 74.6

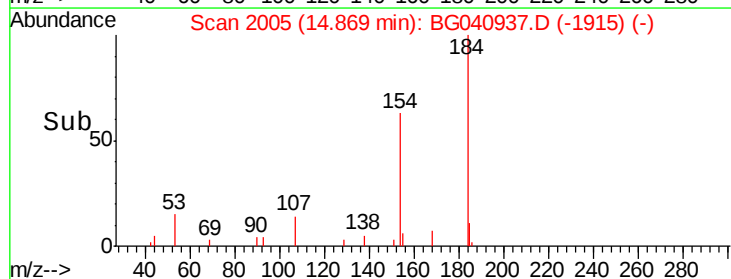
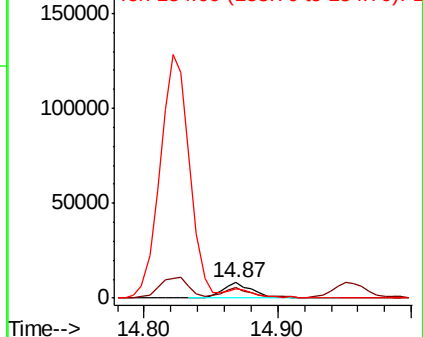
154 62.7 52.2 78.4

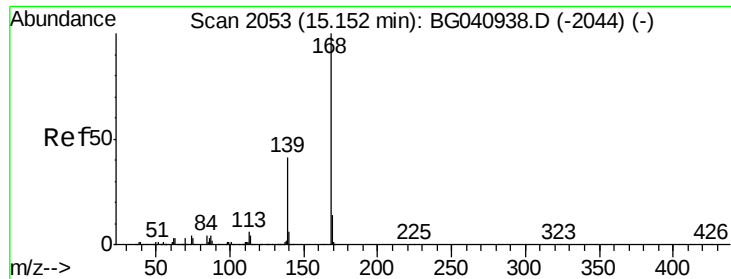


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 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 :

SSTDIC020

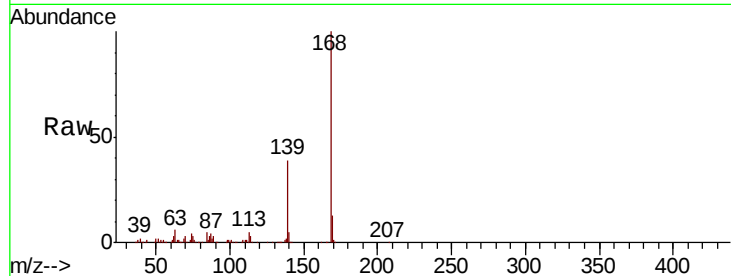
Tot Ion:168 Resp: 339454

Ion Ratio Lower Upper

168 100

139 38.6 32.8 49.2

169 13.3 11.3 16.9

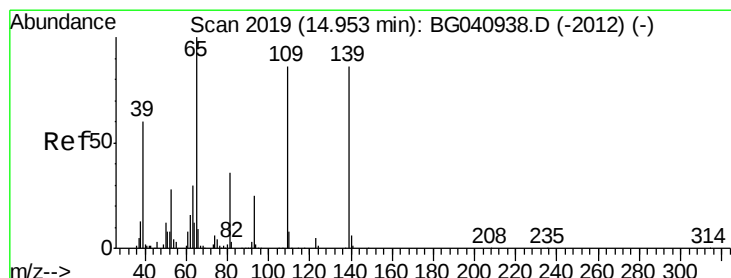
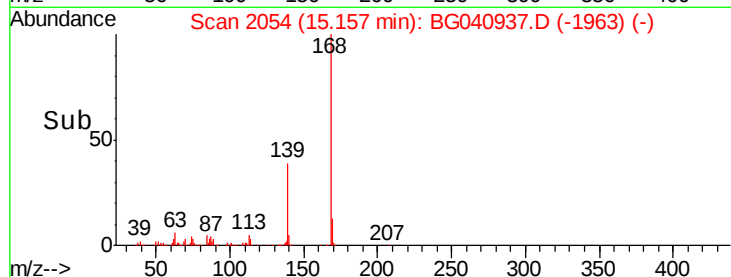
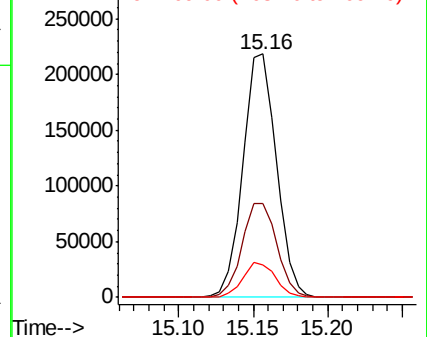


Abundance

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

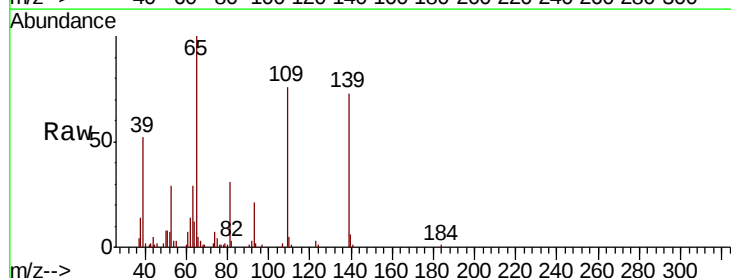
Tgt Ion:139 Resp: 38274

Ion Ratio Lower Upper

139 100

109 103.9 79.6 119.6

65 136.9 96.9 136.9#

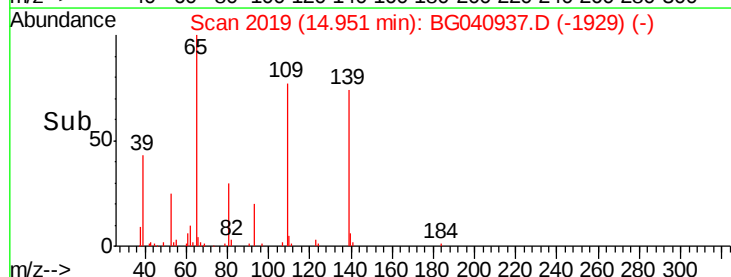
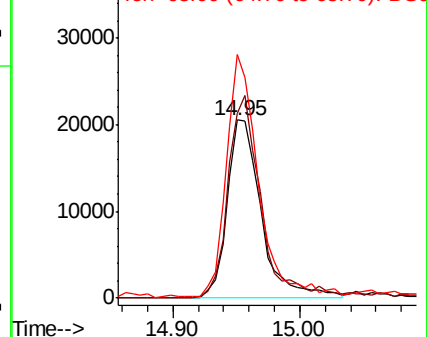


Abundance

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

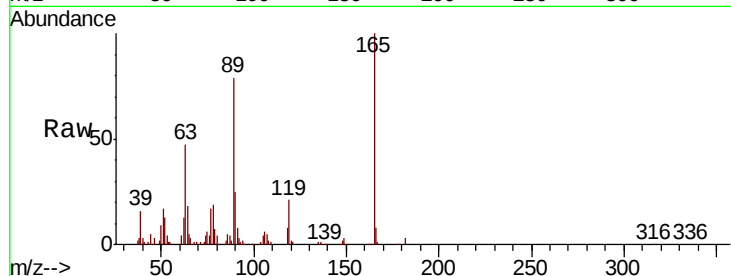




#57
 2,4-Dinitrotoluene
 Concen: 23.073 ng
 RT: 15.12 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BG040937.D
 Acq: 29 May 2019 14:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Tot 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



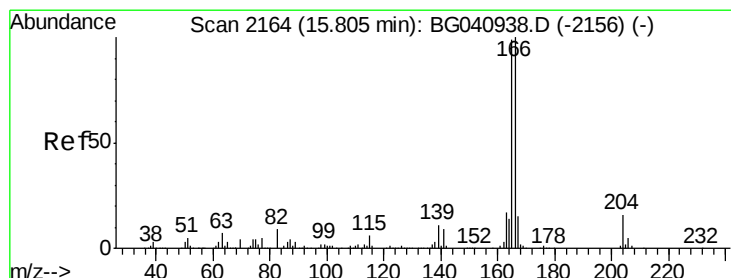
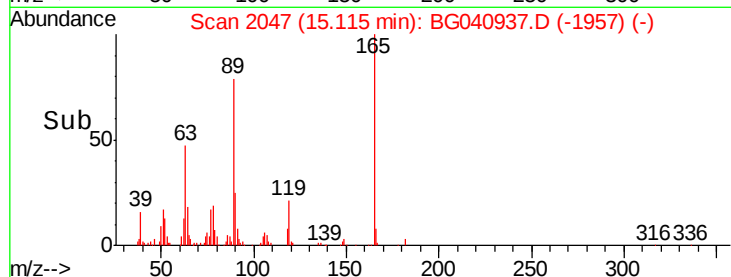
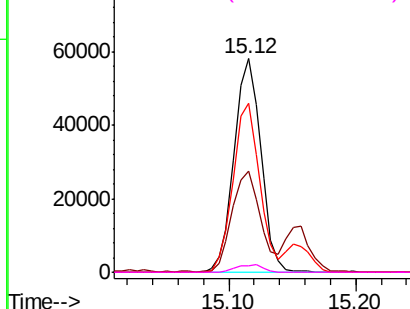
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

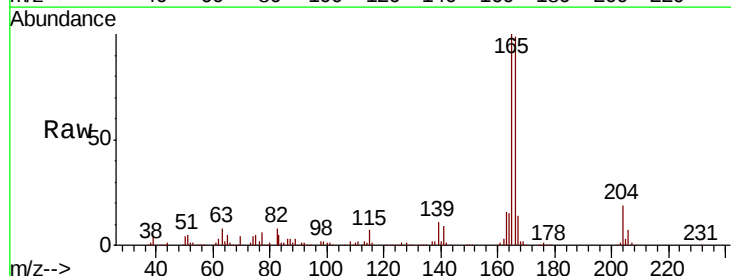
Ion 89.00 (88.70 to 89.70): BG

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	Ratio	Lower	Upper
166	100		
165	101.0	79.2	118.8
167	13.7	11.8	17.6

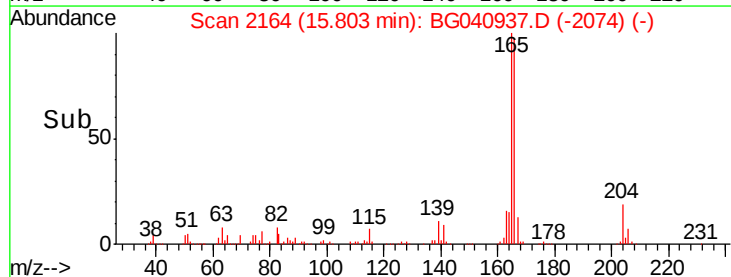
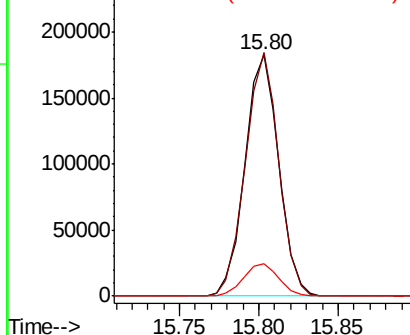


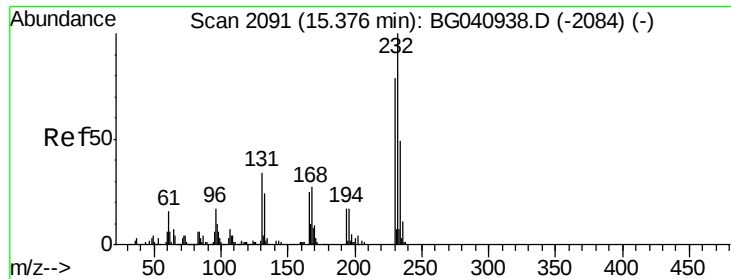
Abundance

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

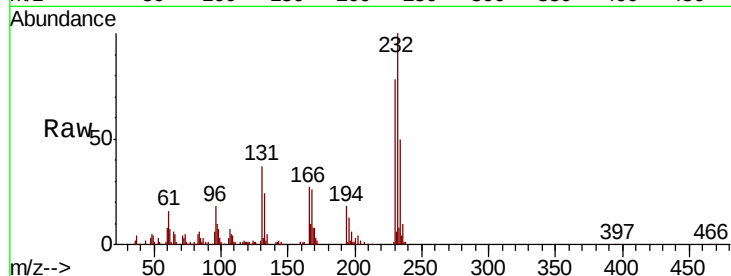




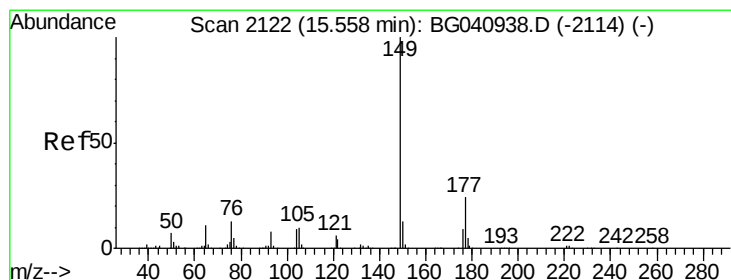
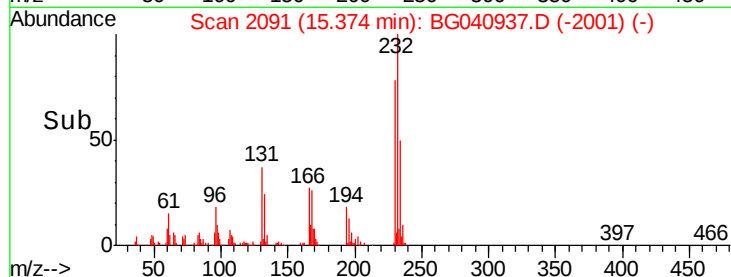
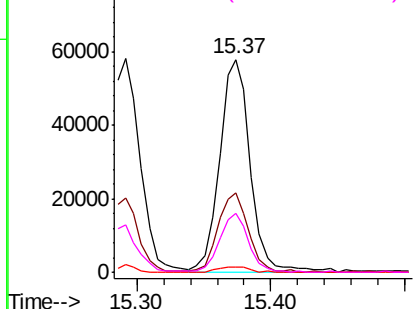
#59
2,3,4,6-Tetrachlorophenol
Concen: 22.671 ng
RT: 15.37 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot 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	

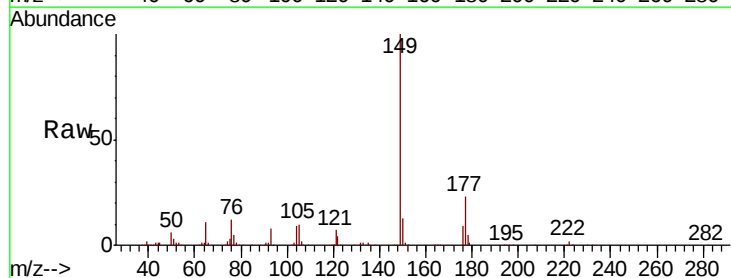


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

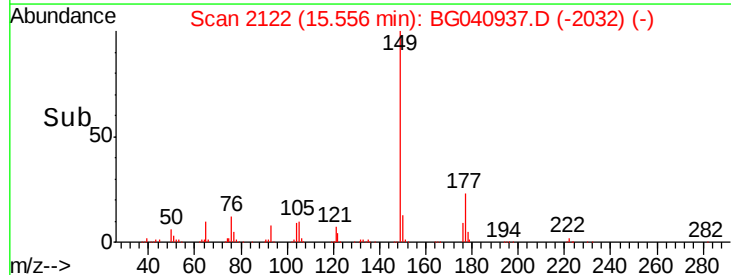
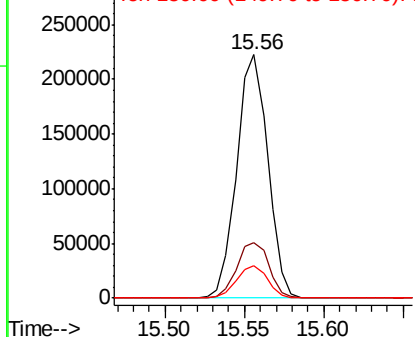


#60
Diethylphthalate
Concen: 20.662 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Tgt Ion	149	Resp: Lower	302518 Upper
	Ratio		
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

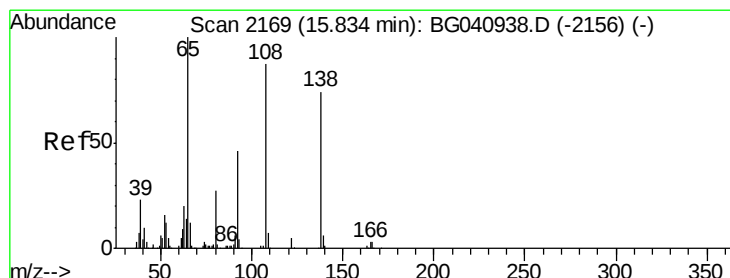
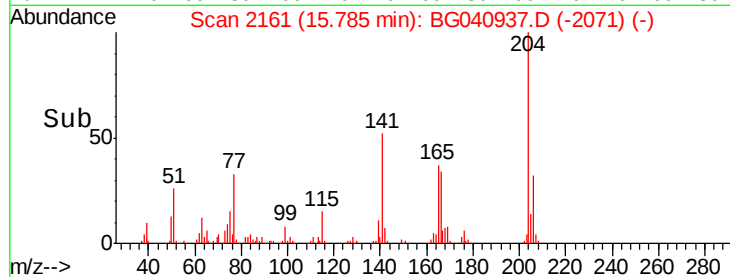
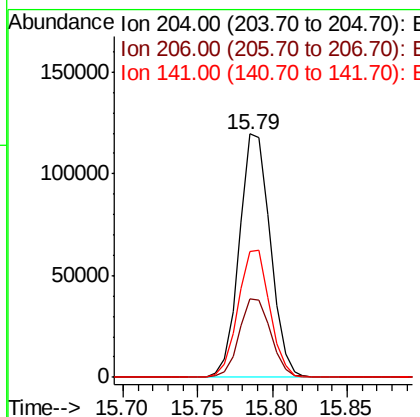
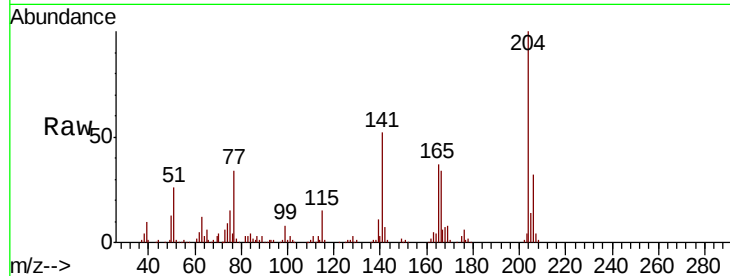




#61
4-Chlorophenyl-phenylether
Concen: 22.432 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

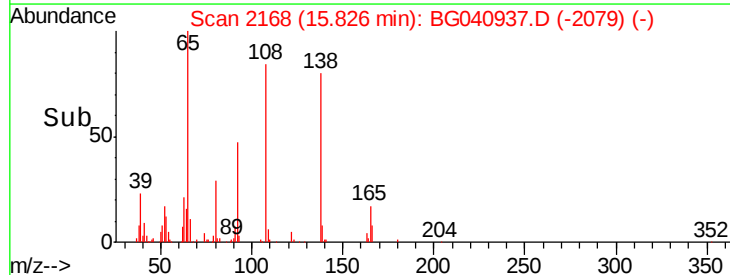
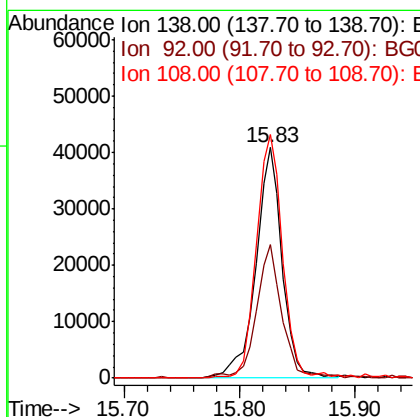
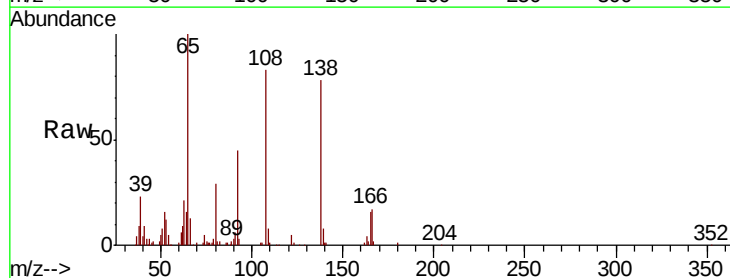
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot 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	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

Tot Ion: 77 Resp: 272775

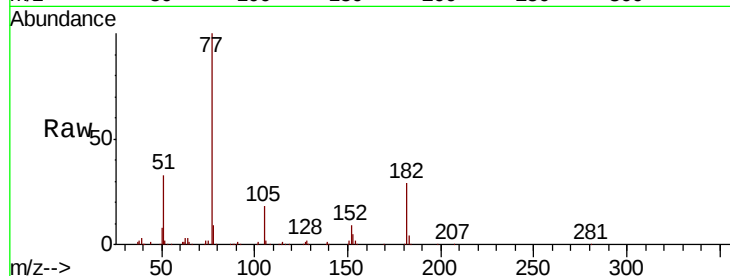
Ion Ratio Lower Upper

77 100

182 28.5 9.6 49.6

105 18.5 0.0 37.5

51 33.5 13.7 53.7

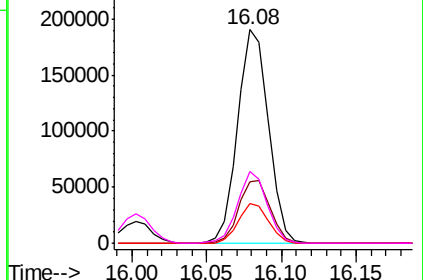
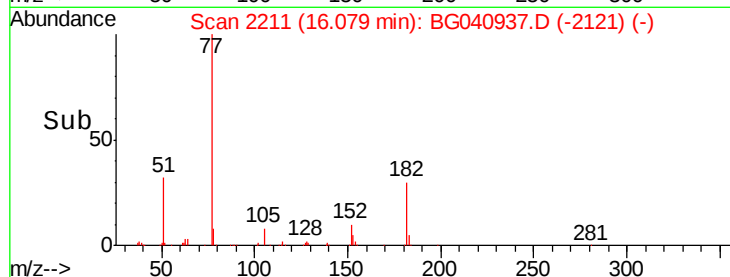


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

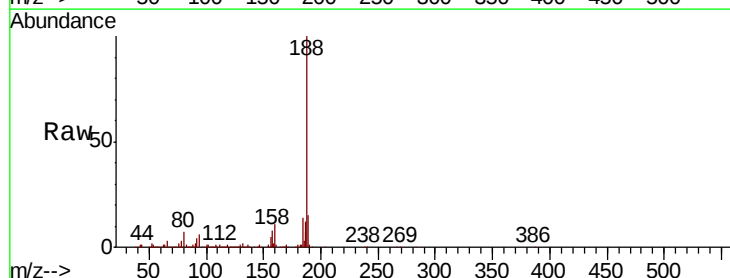
Tgt Ion: 188 Resp: 420327

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

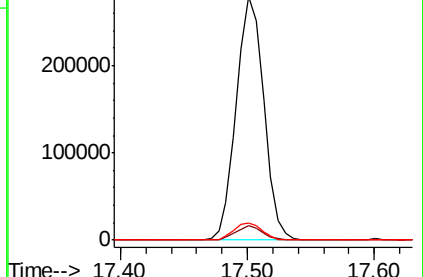
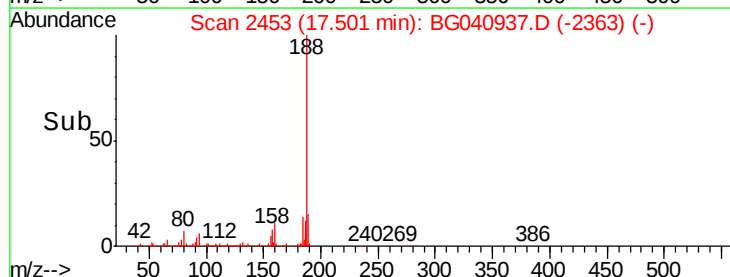
80 7.1 5.8 8.8

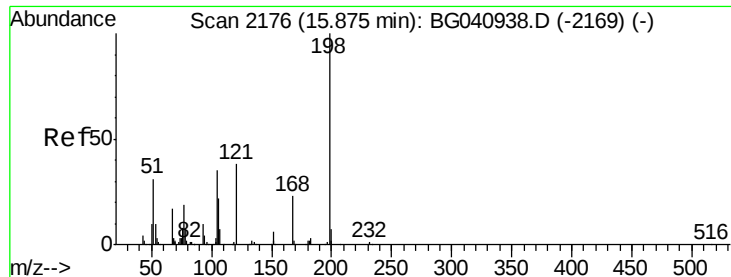


Abundance Ion 188.00 (187.70 to 188.70): BGC

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

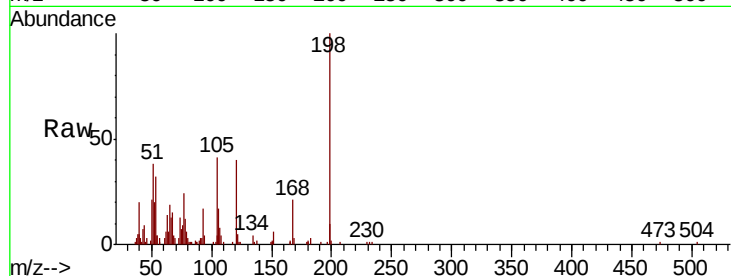
Tot Ion:198 Resp: 30632

Ion Ratio Lower Upper

198 100

51 37.9 21.6 61.6

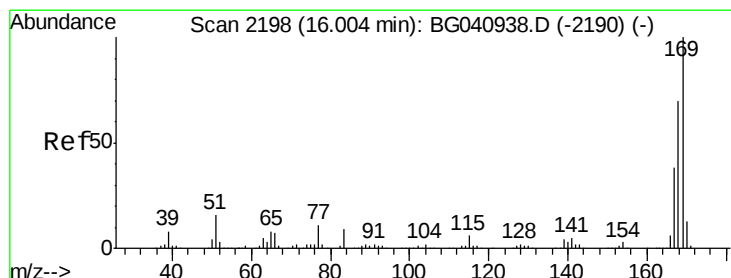
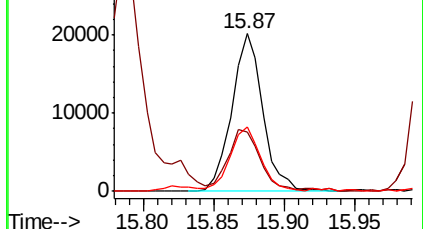
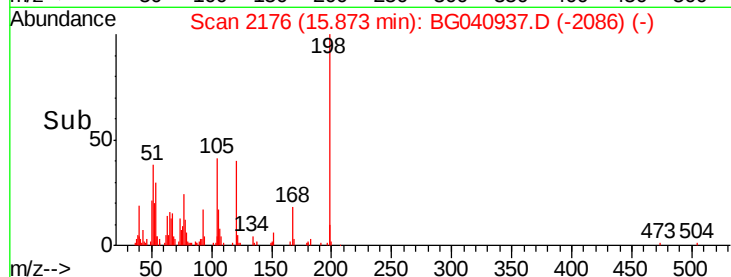
105 40.6 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

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

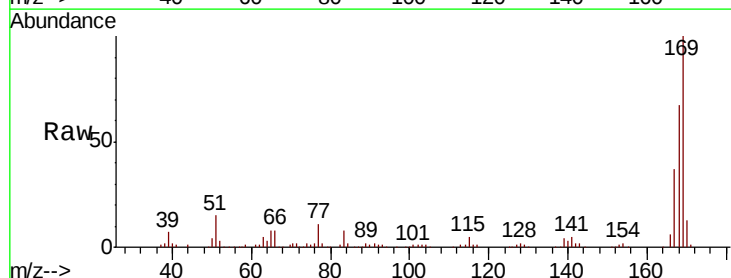
Tgt Ion:169 Resp: 239540

Ion Ratio Lower Upper

169 100

168 66.7 55.7 83.5

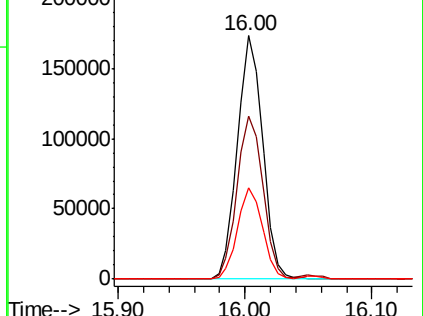
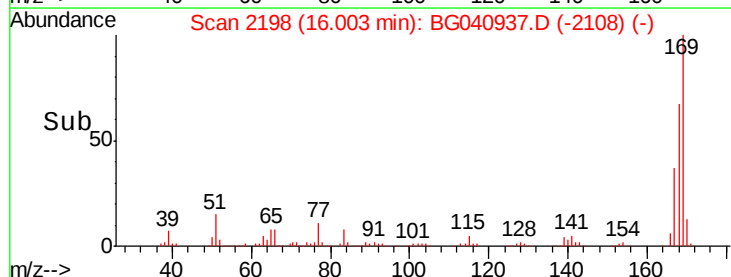
167 37.4 30.2 45.2



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

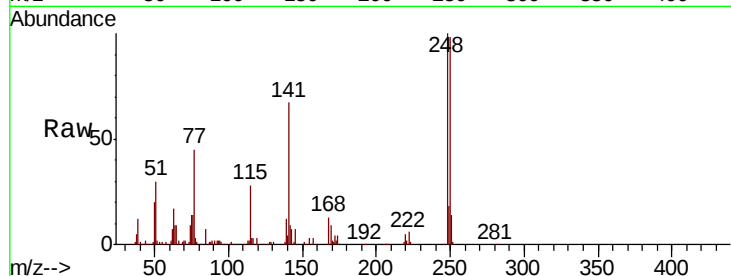




#67
4-Bromophenyl-phenylether
Concen: 21.508 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	75.0	112.4
141	66.7	52.4	78.6

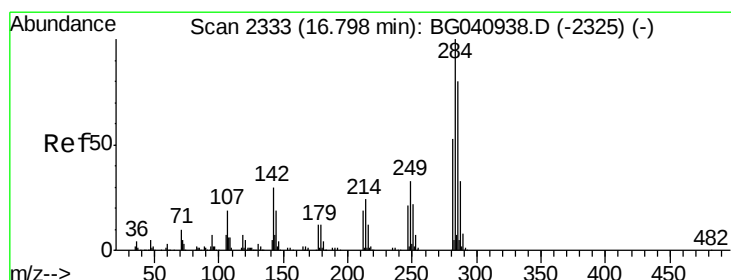
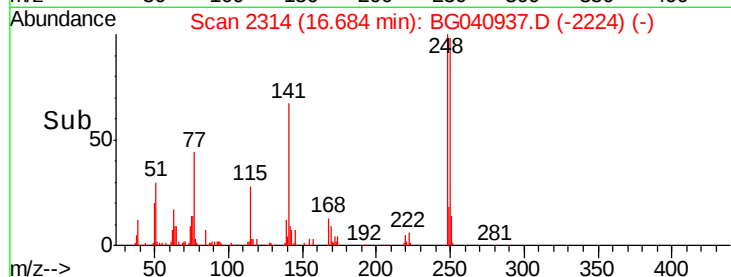
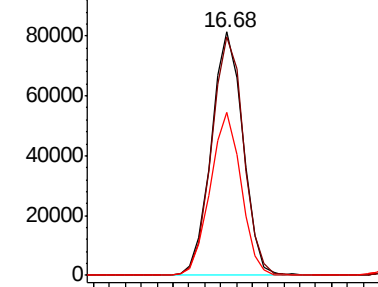


Abundance

Ion 248.00 (247.70 to 248.70): E

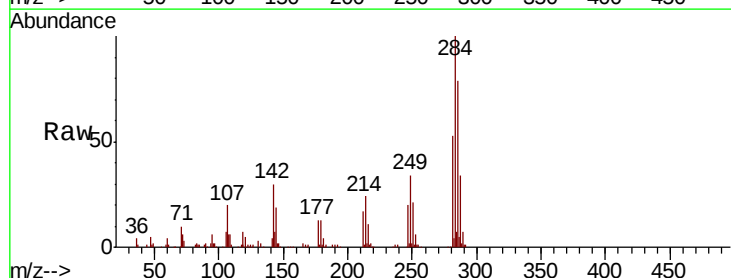
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 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	Ratio	Lower	Upper
284	100		
142	29.8	23.9	35.9
249	33.7	26.8	40.2

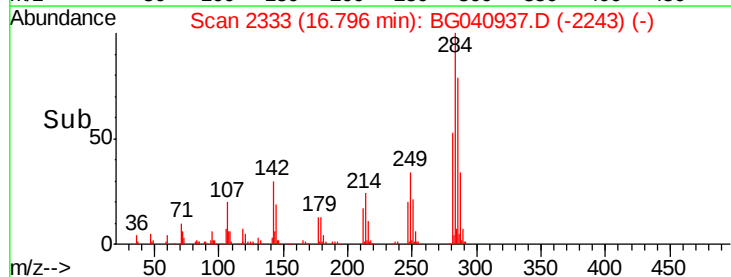
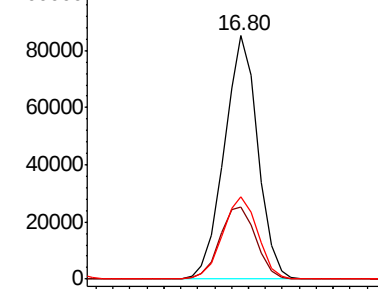


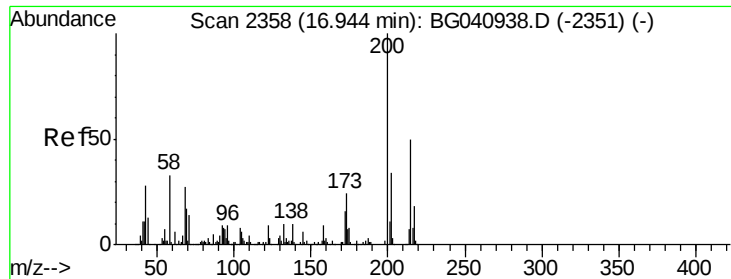
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 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

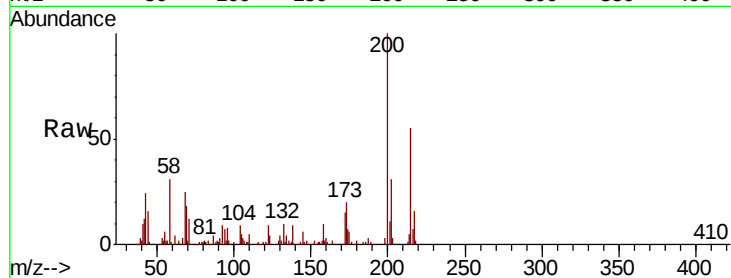
Tot Ion:200 Resp: 106016

Ion Ratio Lower Upper

200 100

173 20.4 3.6 43.6

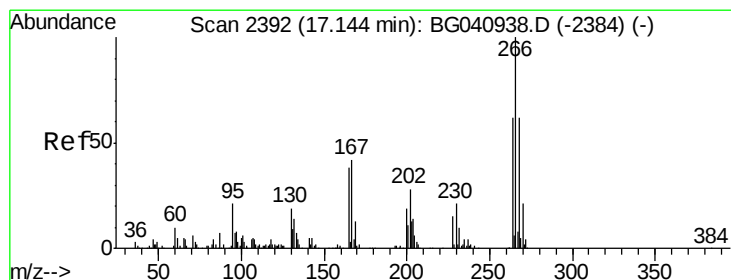
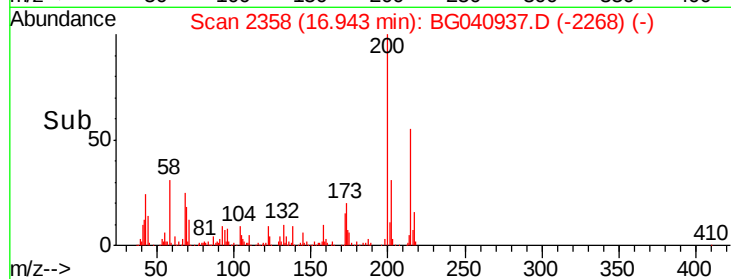
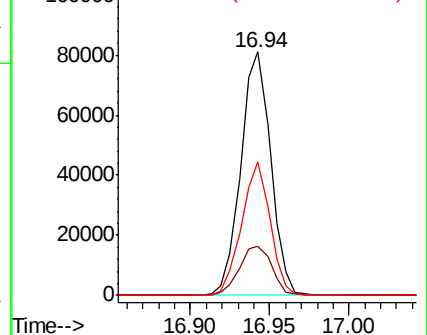
215 54.9 29.6 69.6



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

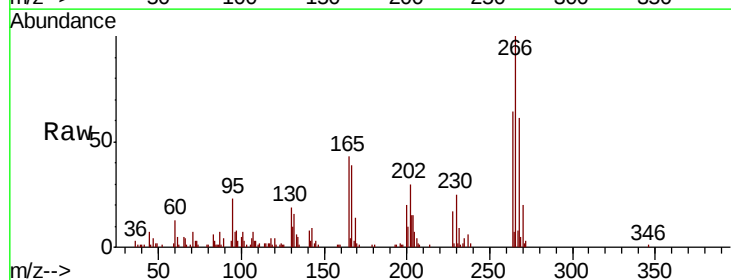
Tgt Ion:266 Resp: 47882

Ion Ratio Lower Upper

266 100

268 60.7 53.1 79.7

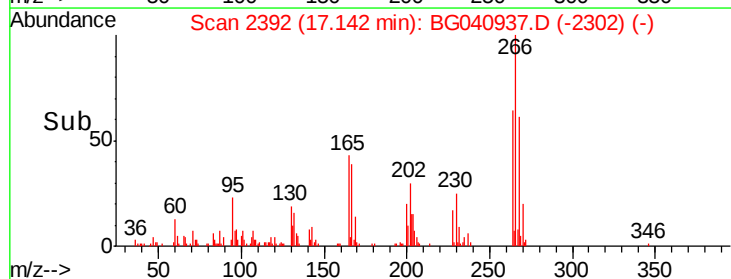
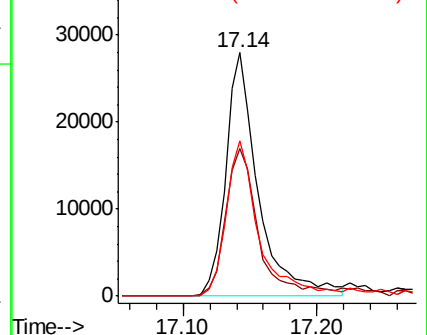
264 63.6 49.9 74.9

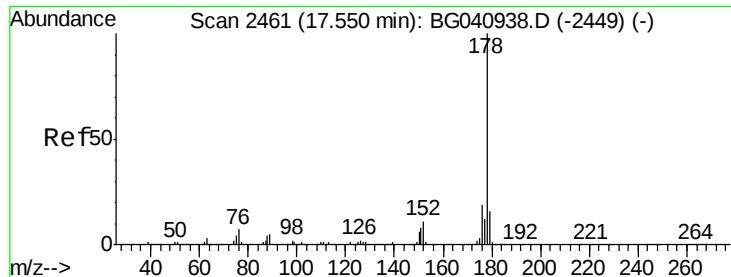


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

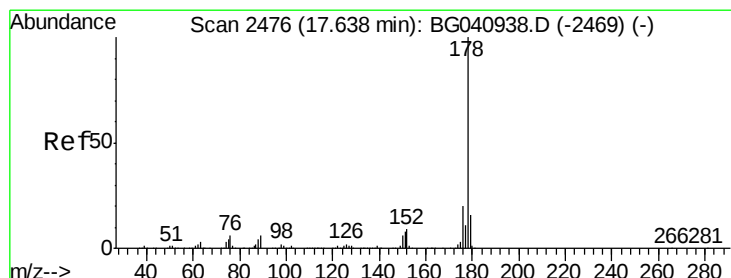
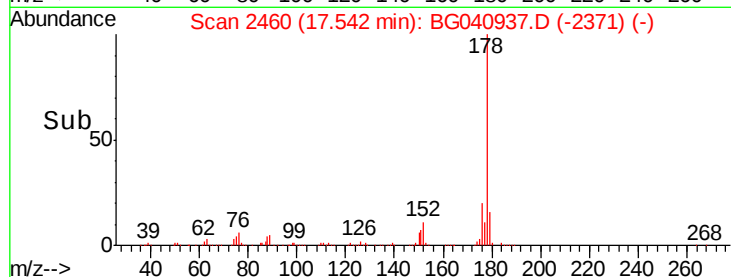
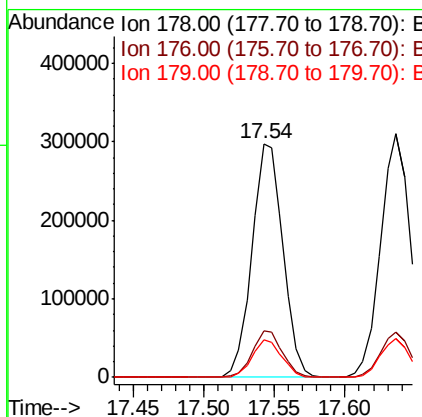
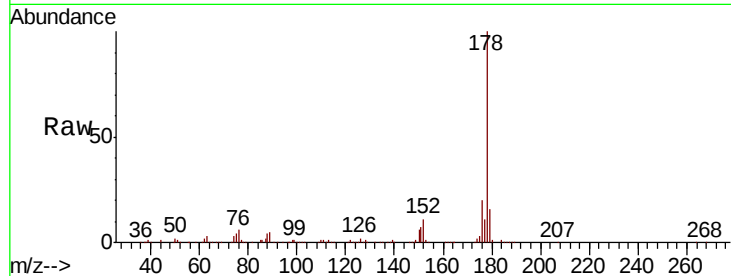




#71
Phenanthrene
Concen: 20.265 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040937.D
Acq: 29 May 2019 14:52

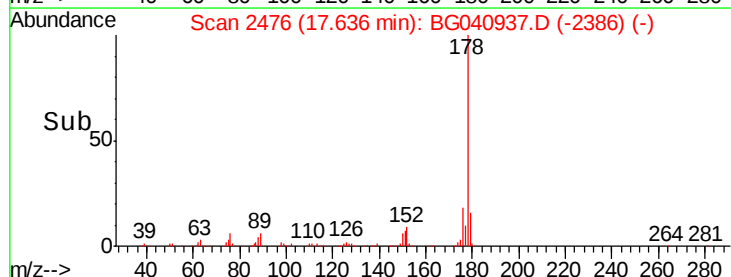
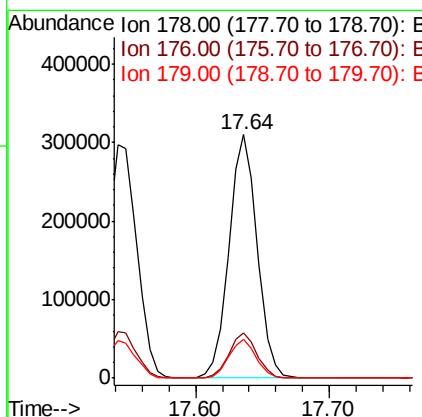
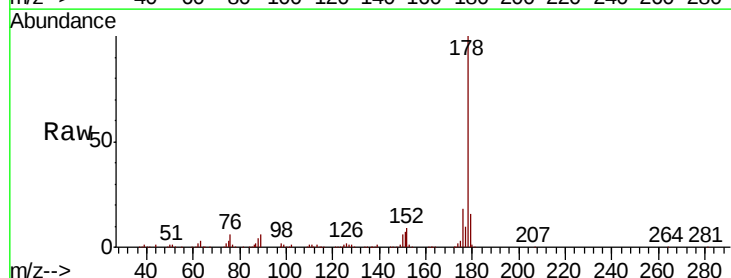
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

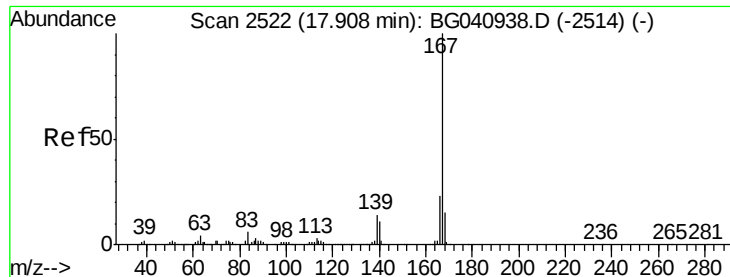
Tot Ion:178 Resp: 458799
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 16.0 12.7 19.1



#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 :

SSTDIC020

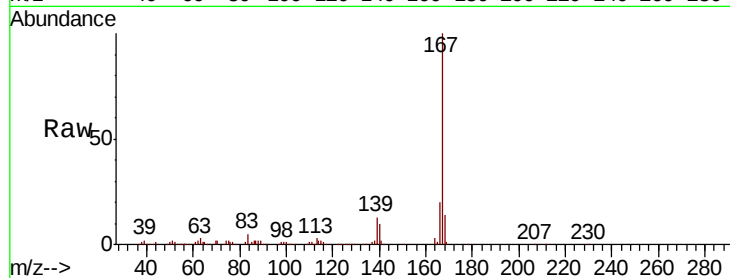
Tot Ion:167 Resp: 385284

Ion Ratio Lower Upper

167 100

166 20.0 18.2 27.4

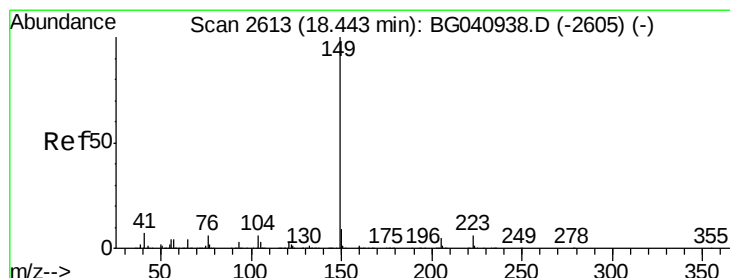
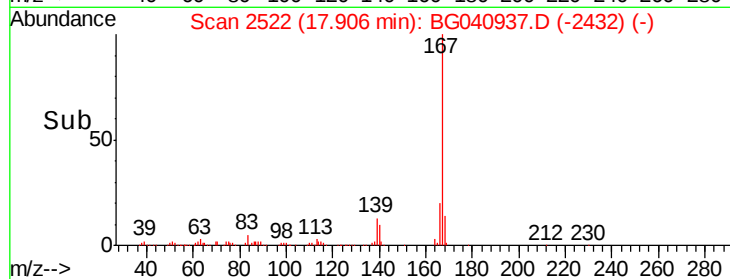
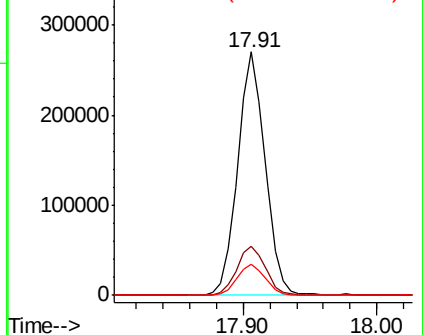
139 12.7 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 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

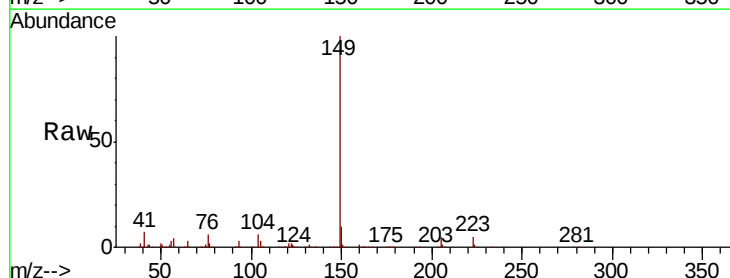
Tgt Ion:149 Resp: 485750

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

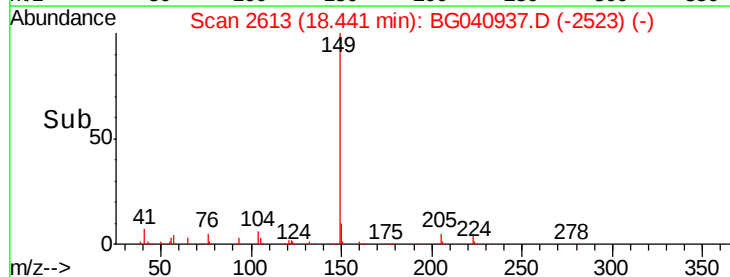
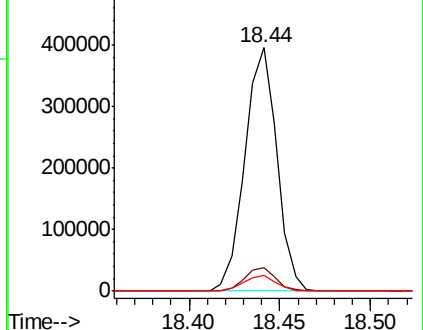
104 6.4 5.0 7.4

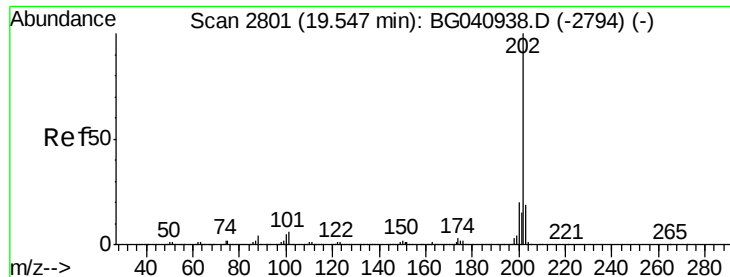


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 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 :

SSTDIC020

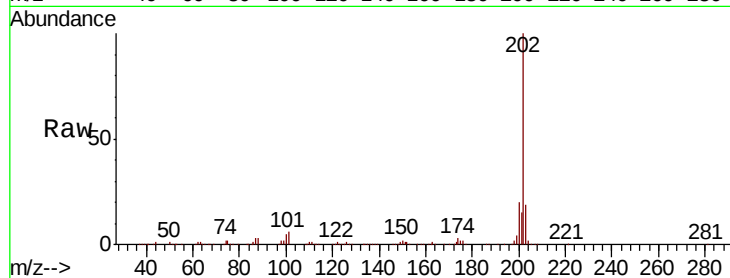
Tot Ion:202 Resp: 582288

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

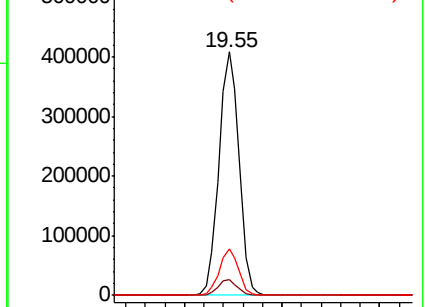
203 18.9 0.0 38.7



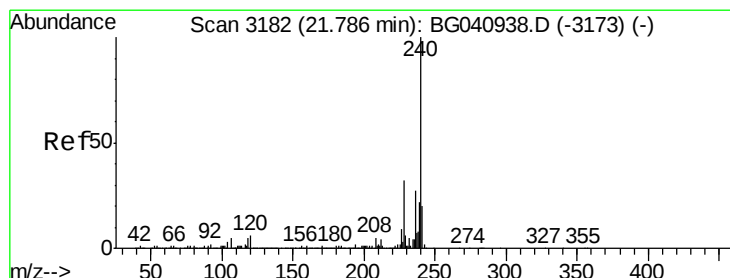
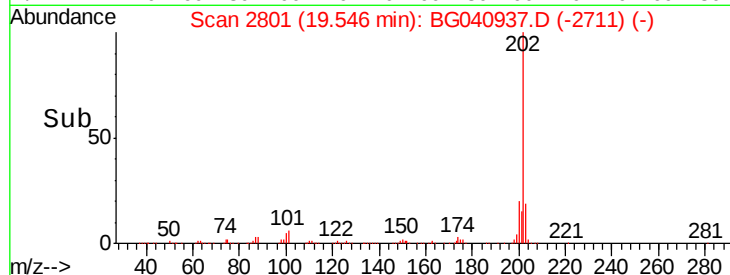
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#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

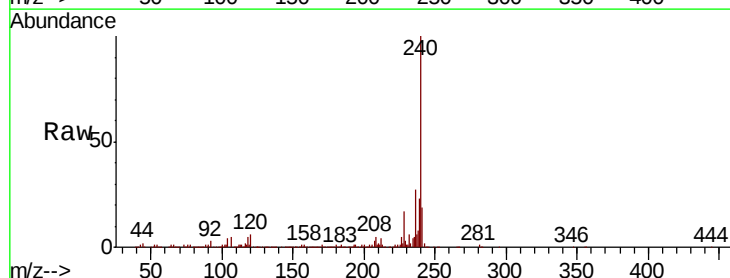
Tgt Ion:240 Resp: 419513

Ion Ratio Lower Upper

240 100

120 5.8 4.5 6.7

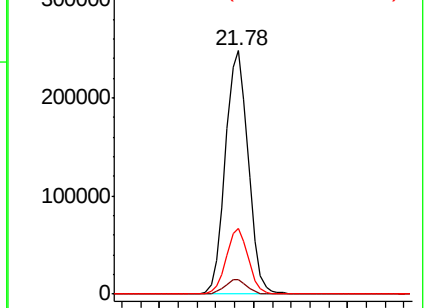
236 27.2 21.3 31.9



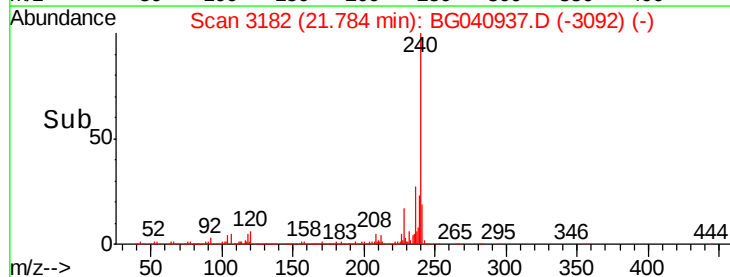
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#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 :

SSTDIC020

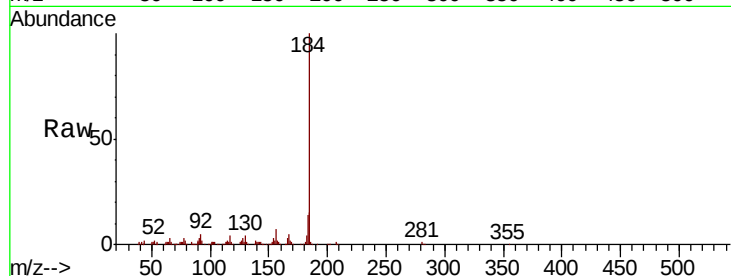
Tot Ion:184 Resp: 221966

Ion Ratio Lower Upper

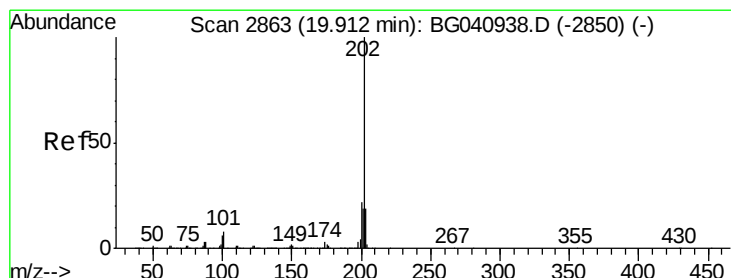
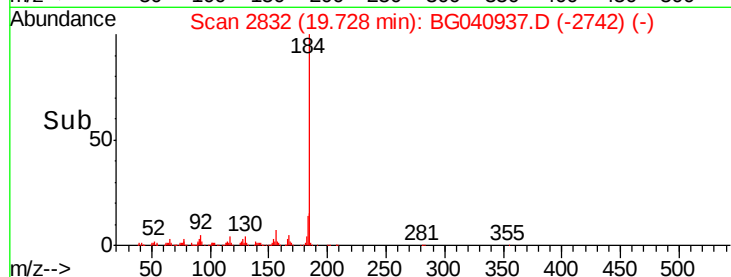
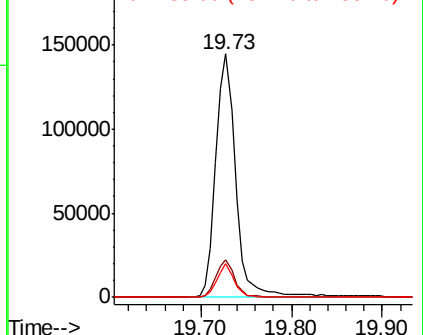
184 100

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

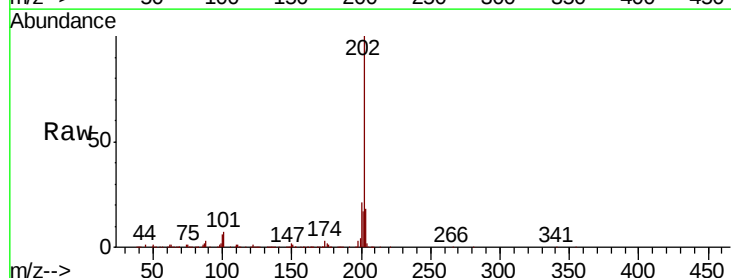
Tgt Ion:202 Resp: 585020

Ion Ratio Lower Upper

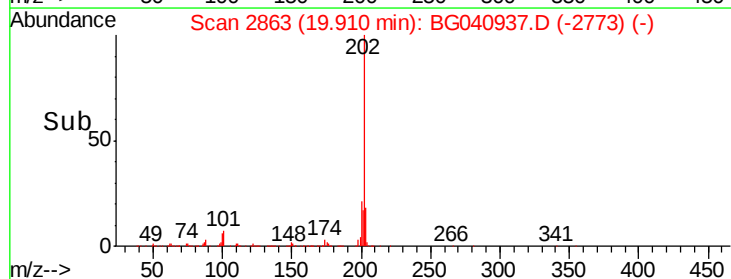
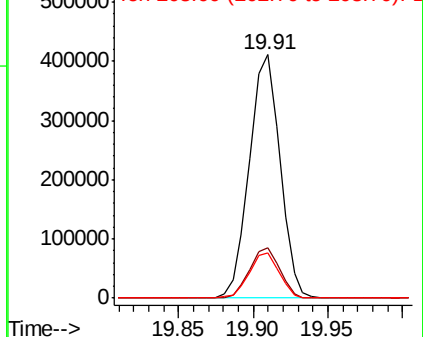
202 100

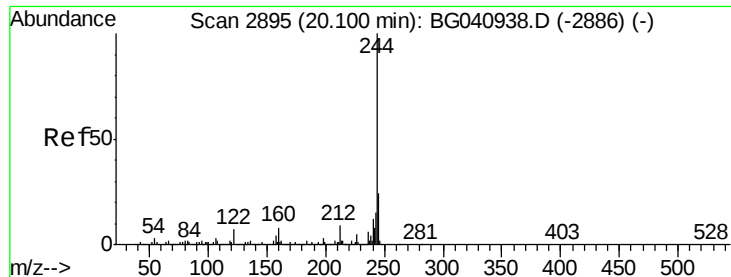
200 20.6 17.5 26.3

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

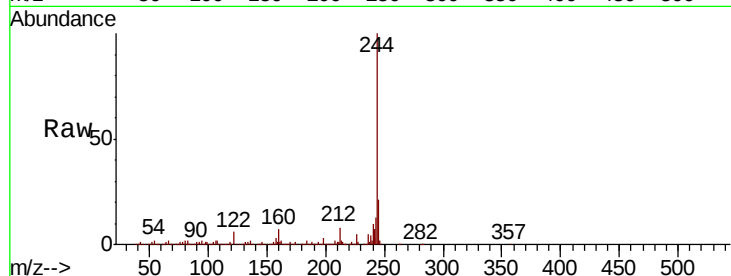
Tot Ion:244 Resp: 900531

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

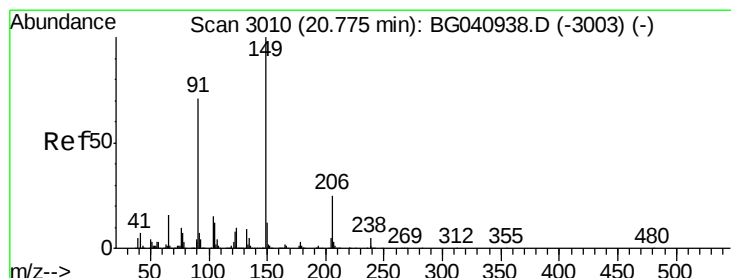
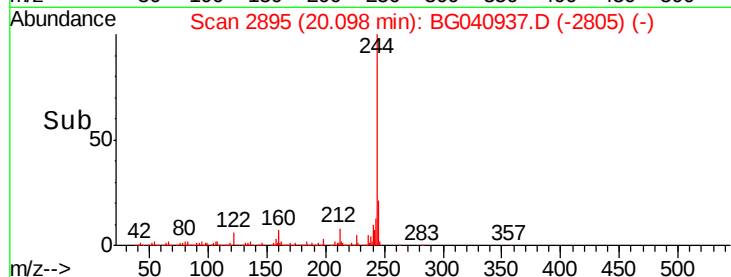
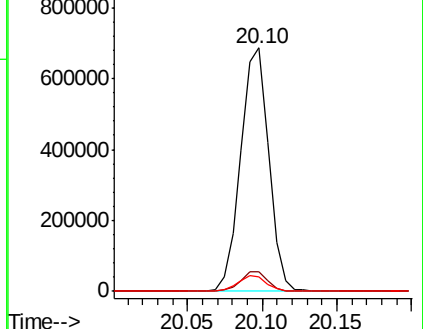
122 6.2 5.4 8.0



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

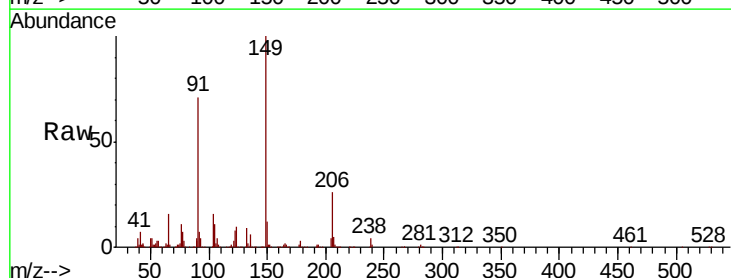
Tgt Ion:149 Resp: 211236

Ion Ratio Lower Upper

149 100

91 70.8 56.5 84.7

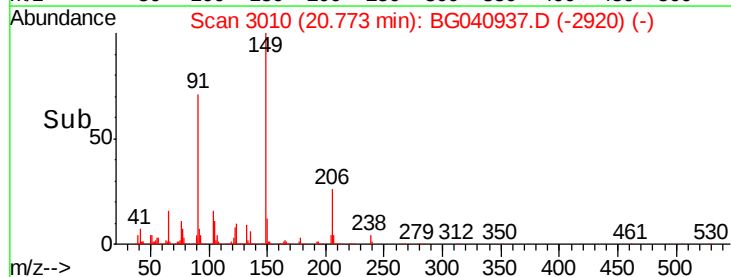
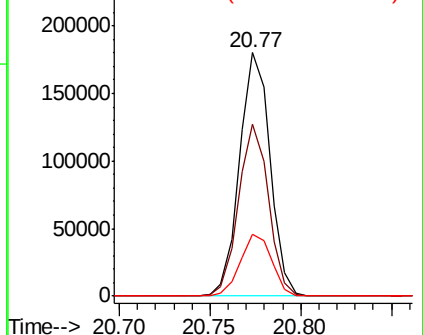
206 25.7 20.3 30.5

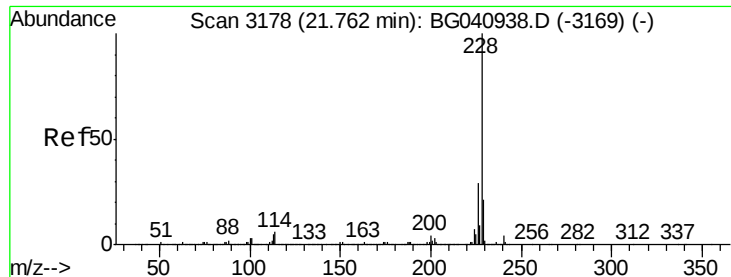


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

SSTDICC020

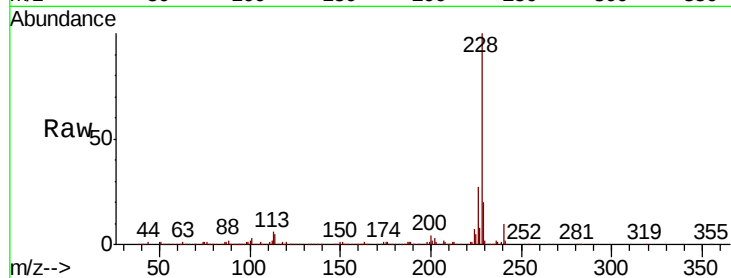
Tot Ion:228 Resp: 587441

Ion Ratio Lower Upper

228 100

226 26.8 23.5 35.3

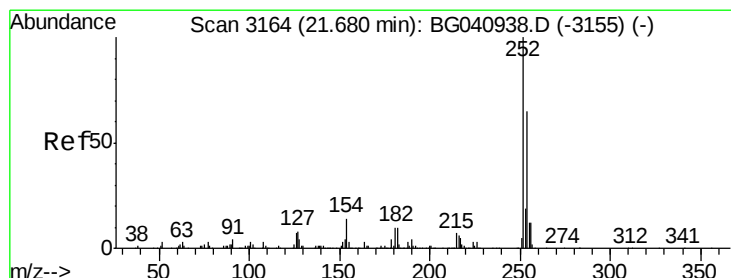
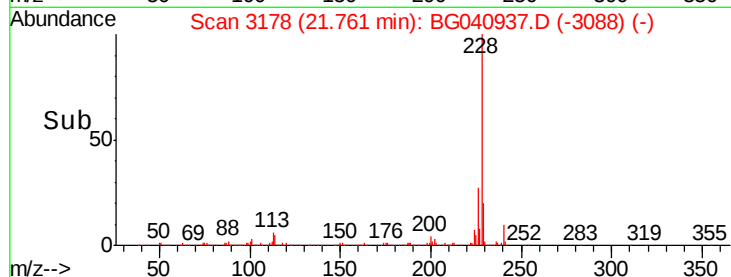
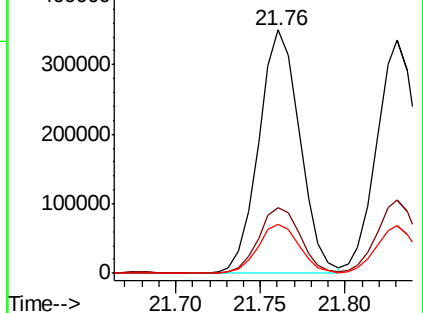
229 20.0 16.7 25.1



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

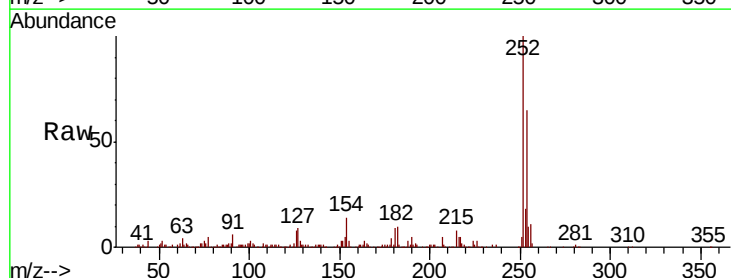
Tgt Ion:252 Resp: 199784

Ion Ratio Lower Upper

252 100

254 64.5 52.1 78.1

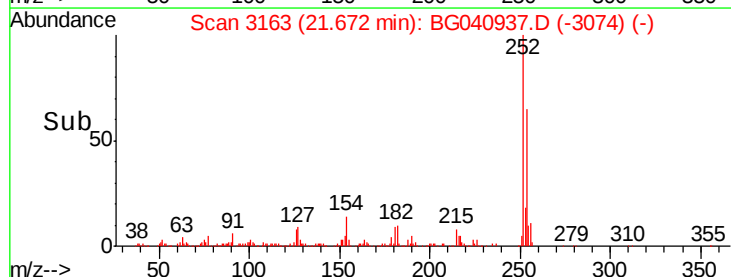
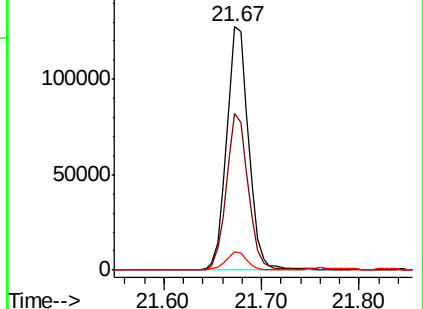
126 7.7 5.5 8.3



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 :

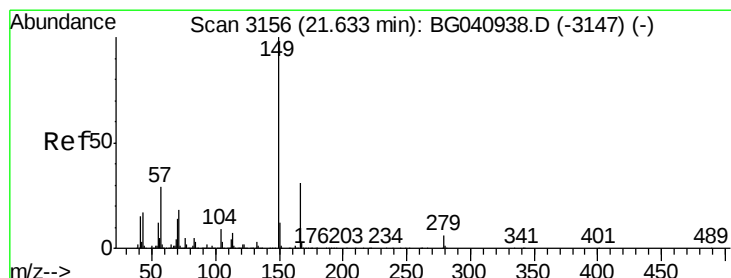
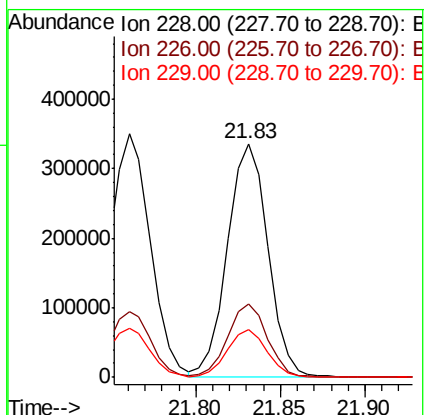
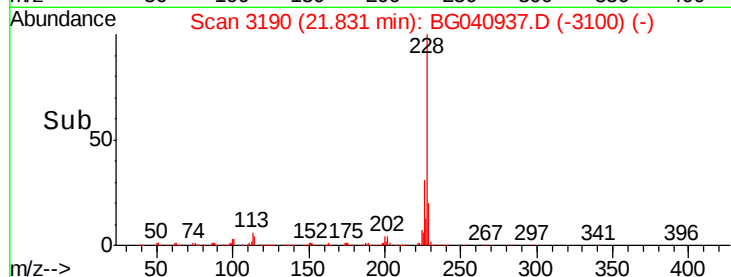
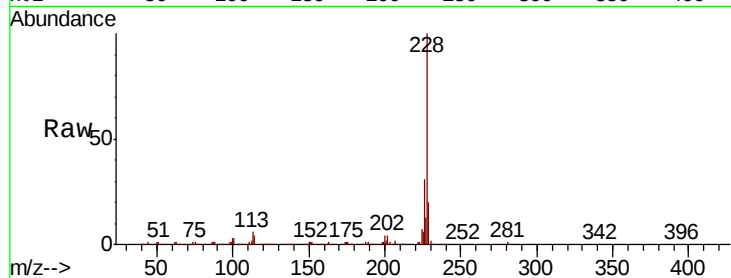
BNA_G

ClientSampleId :

SSTDICC020

Tot Ion:228 Resp: 559820

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	20.5	16.6	24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.415 ng

RT: 21.63 min Scan# 3156

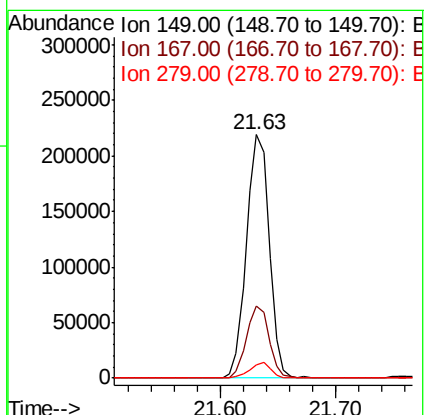
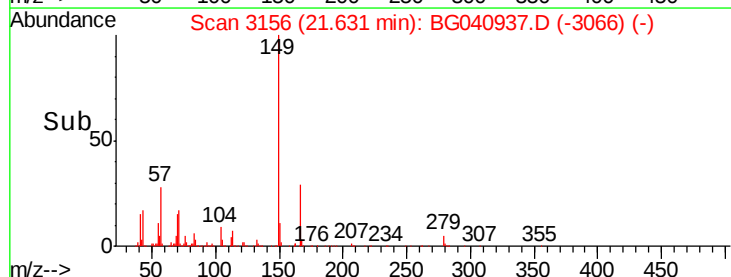
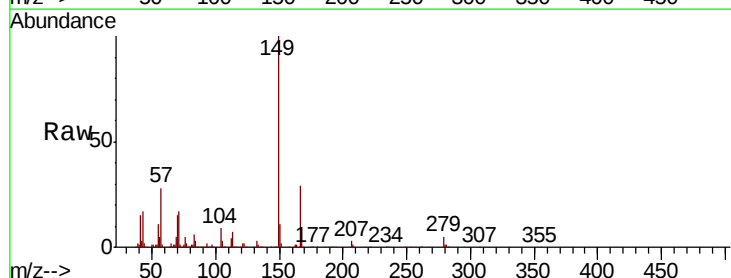
Delta R.T. -0.00 min

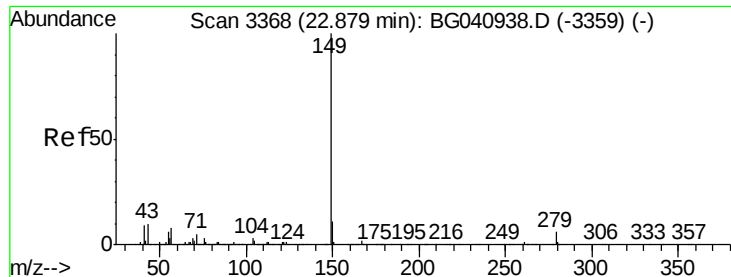
Lab File: BG040937.D

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





#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 :

SSTDIC020

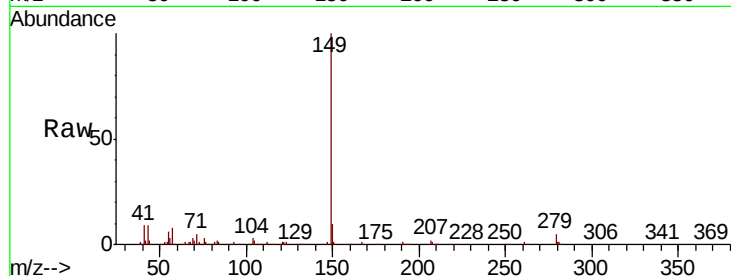
Tot Ion:149 Resp: 499952

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

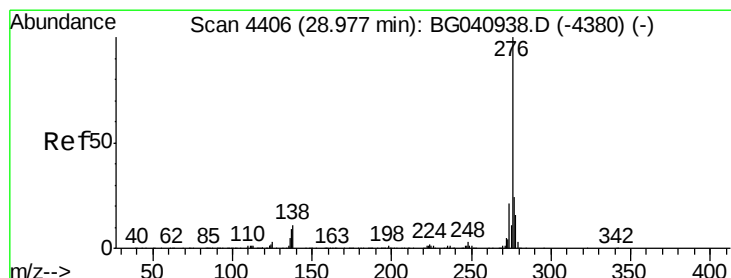
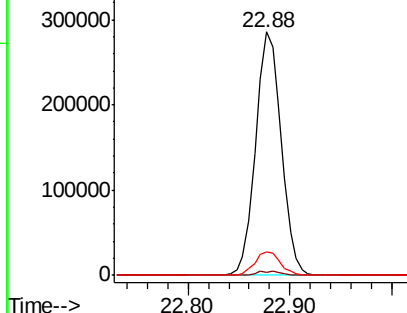
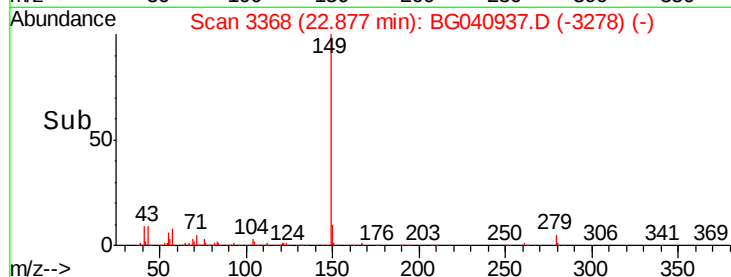
43 9.5 8.1 12.1



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

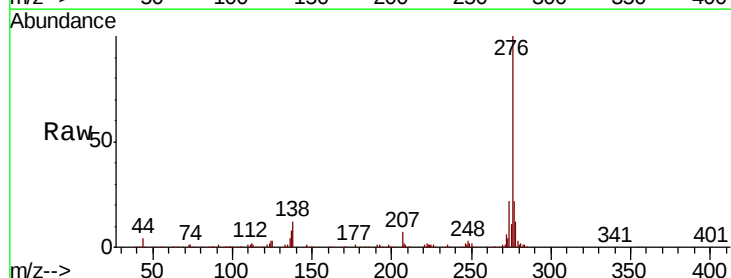
Tgt Ion:276 Resp: 631766

Ion Ratio Lower Upper

276 100

138 4.5 5.7 8.5#

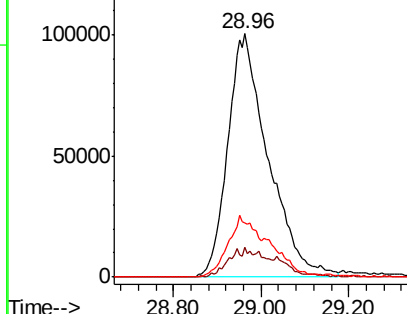
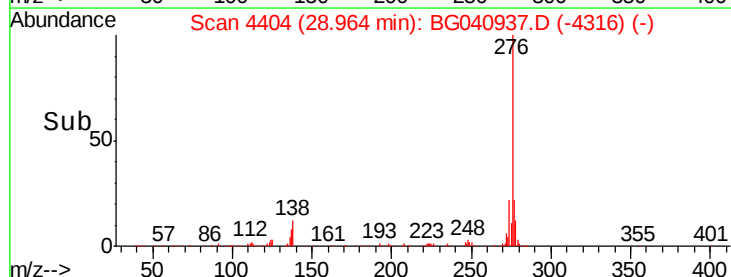
277 17.2 20.8 31.2#

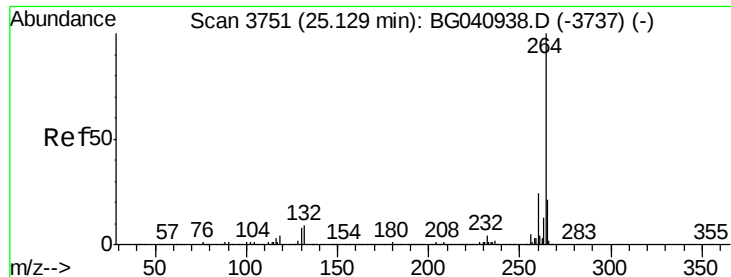


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-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

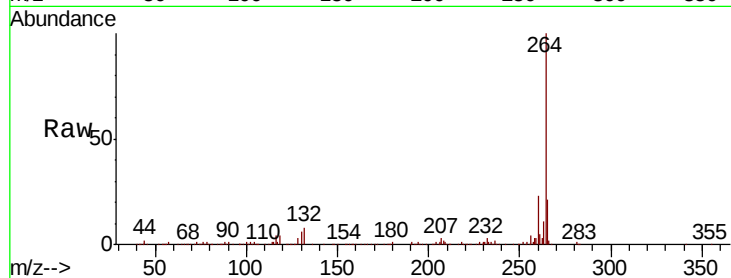
Tot Ion:264 Resp: 448305

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

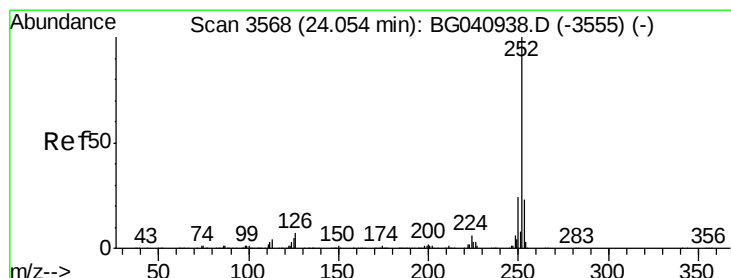
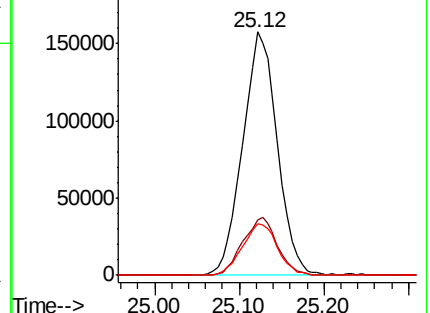
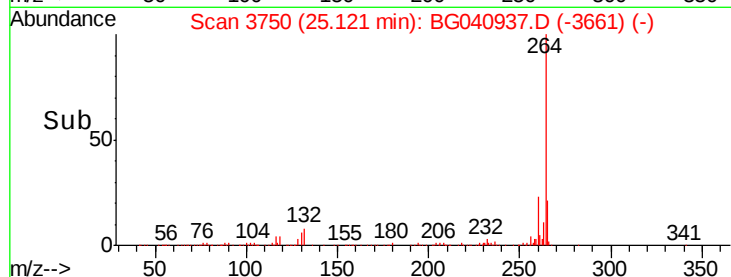
265 21.0 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 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

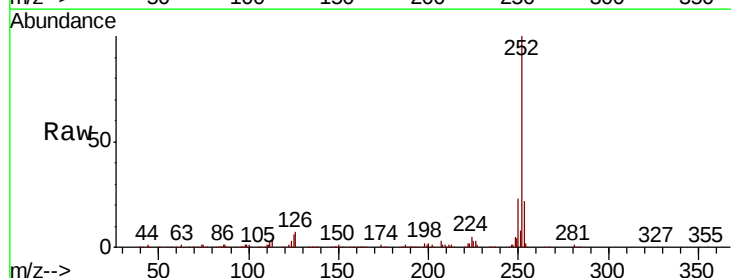
Tgt Ion:252 Resp: 564714

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

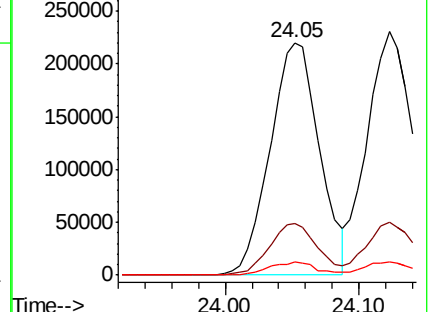
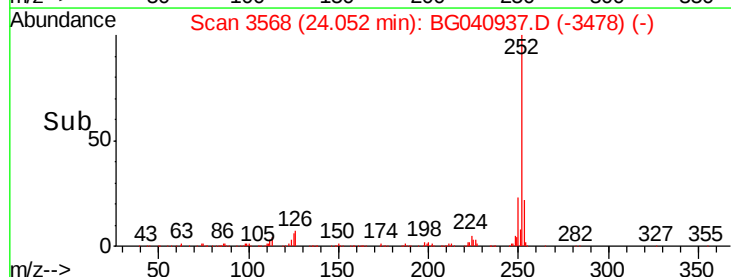
125 5.6 4.3 6.5

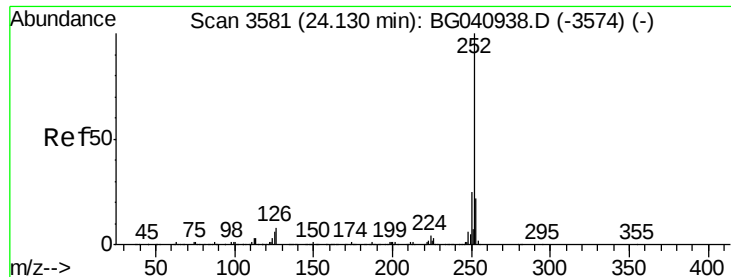


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 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

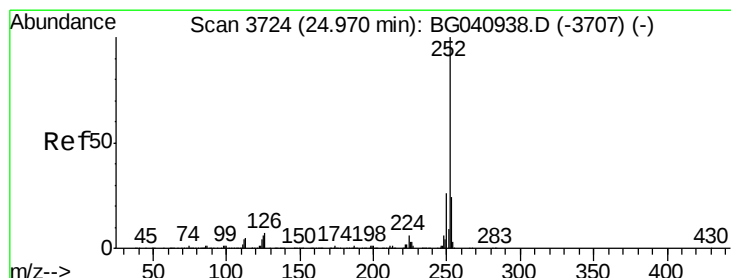
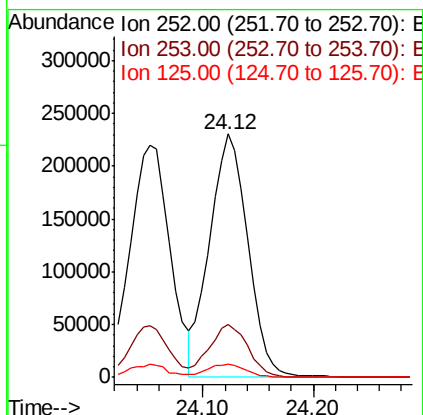
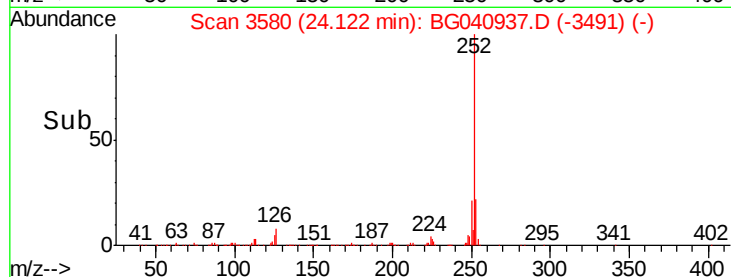
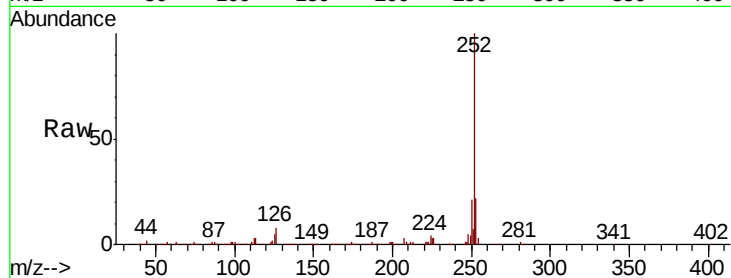
Tot Ion:252 Resp: 553325

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

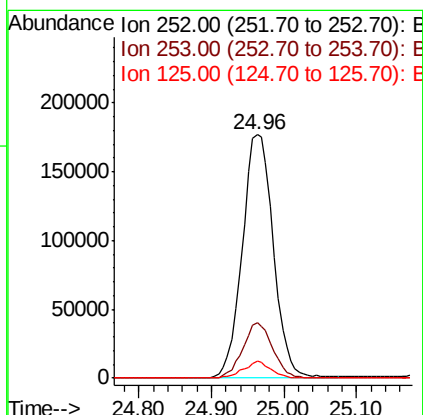
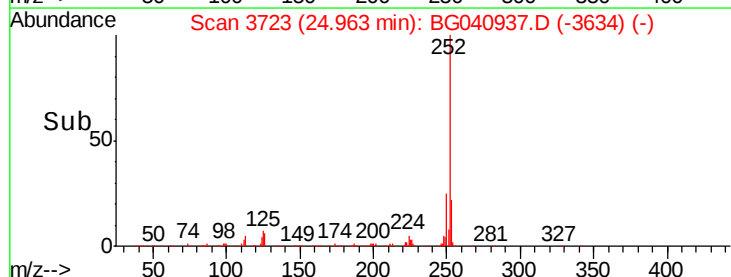
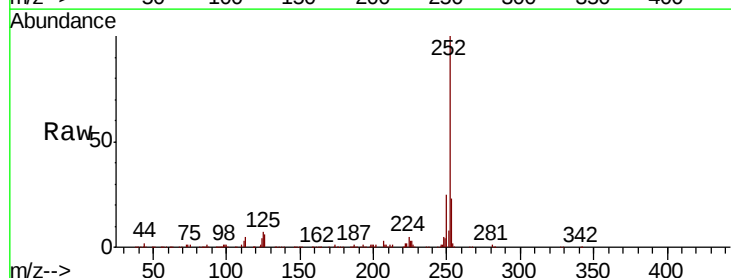
Tgt Ion:252 Resp: 525949

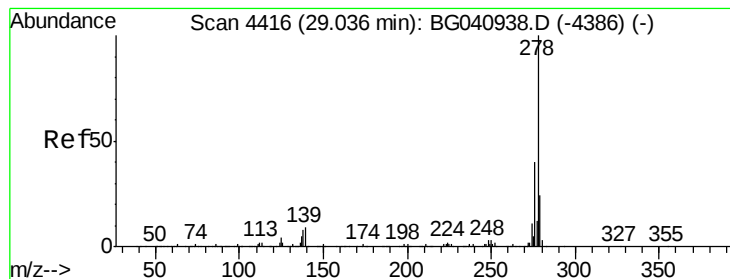
Ion Ratio Lower Upper

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

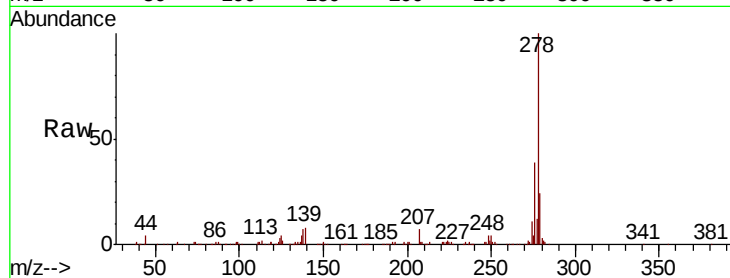
Tot Ion:278 Resp: 519689

Ion Ratio Lower Upper

278 100

139 8.2 7.1 10.7

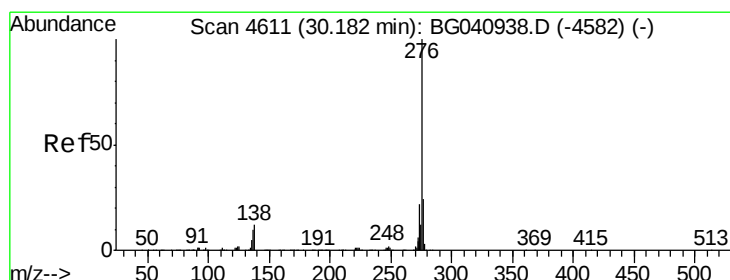
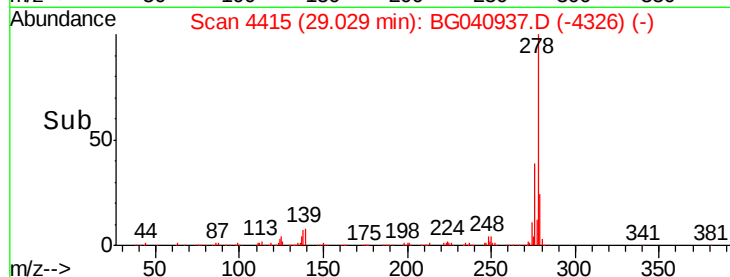
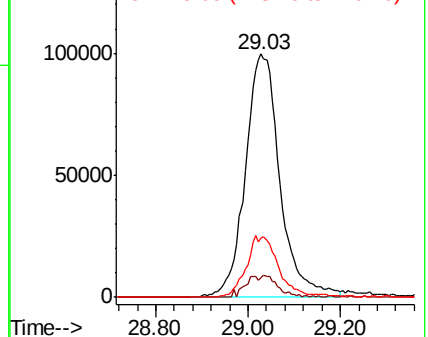
279 24.4 19.4 29.2



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

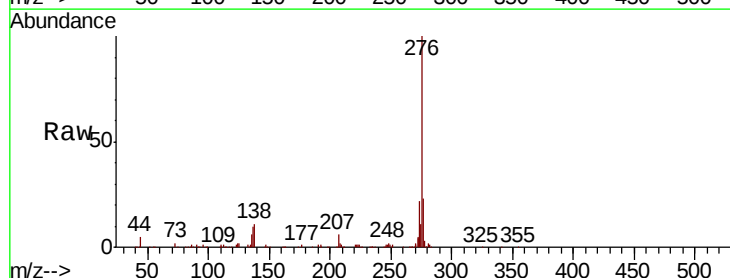
Tgt Ion:276 Resp: 500643

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

