

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039649.D
 Acq On : 28 Feb 2019 1:14
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 28 01:49:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	83463	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	347482	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	211541	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	447152	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	480180	20.00	ng	-0.02
87) Perylene-d12	25.20	264	495990	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	384790	78.91	ng	0.00
7) Phenol-d6	7.32	99	567564	79.07	ng	0.00
23) Nitrobenzene-d5	9.35	82	532759	95.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	187918	82.49	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1168787	79.26	ng	-0.02
79) Terphenyl-d14	20.13	244	1635000	72.07	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	81326	38.125	ng	92
3) Pyridine	4.01	79	229962	40.718	ng	98
4) n-Nitrosodimethylamine	3.93	42	102773	36.387	ng	91
6) Aniline	7.49	93	339720	37.783	ng	99
8) 2-Chlorophenol	7.73	128	214039	40.153	ng	99
9) Benzaldehyde	7.31	77	149021	42.229	ng	98
10) Phenol	7.34	94	293822	39.267	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	232328	39.293	ng	95
12) 1,3-Dichlorobenzene	8.06	146	254394	39.395	ng	97
13) 1,4-Dichlorobenzene	8.20	146	261008	40.552	ng	99
14) 1,2-Dichlorobenzene	8.53	146	246011	39.483	ng	99
15) Benzyl Alcohol	8.41	79	216356	38.392	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	445883	33.394	ng	99
17) 2-Methylphenol	8.60	107	190202	39.280	ng	97
18) Hexachloroethane	9.26	117	90440	40.842	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	187550	36.812	ng	92
20) 3+4-Methylphenols	8.93	107	263809	39.563	ng	96
22) Acetophenone	9.00	105	367008	39.320	ng	94
24) Nitrobenzene	9.39	77	273169	45.460	ng	96
25) Isophorone	9.90	82	458117	37.167	ng	98
26) 2-Nitrophenol	10.10	139	138466	55.845	ng	98
27) 2,4-Dimethylphenol	10.14	122	202907	40.694	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	296907	39.108	ng	96
29) 2,4-Dichlorophenol	10.63	162	232945	42.746	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	257649	42.112	ng	97
31) Naphthalene	11.04	128	667493	38.721	ng	98
32) Benzoic acid	10.27	122	119262	38.683	ng	95
33) 4-Chloroaniline	11.15	127	302572	37.855	ng	98
34) Hexachlorobutadiene	11.30	225	176874	43.471	ng	94
35) Caprolactam	11.95	113	80298	35.608	ng	96
36) 4-Chloro-3-methylphenol	12.25	107	242032	38.404	ng	99
37) 2-Methylnaphthalene	12.63	142	481141	37.684	ng	97
38) 1-Methylnaphthalene	12.85	142	460670	37.430	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	299882	44.555	ng	98

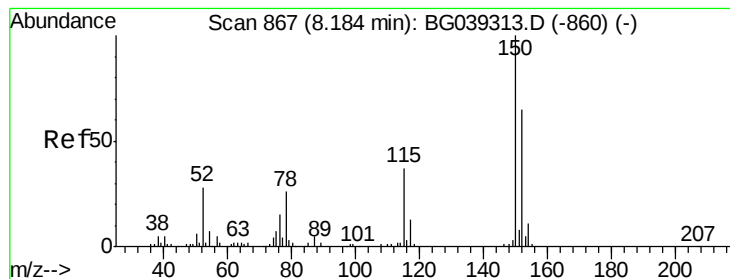
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	158700	43.271	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	184380	44.554	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	188961	43.566	nq	96
46) 1,1'-Biphenyl	13.63	154	691457	39.286	nq	99
47) 2-Chloronaphthalene	13.68	162	536914	40.550	nq	99
48) 2-Nitroaniline	13.88	65	172032	45.708	nq	93
49) Acenaphthylene	14.52	152	775842	38.833	nq	100
50) Dimethylphthalate	14.24	163	635280	37.184	nq	99
51) 2,6-Dinitrotoluene	14.37	165	145732	45.962	nq	97
52) Acenaphthene	14.86	154	492645	37.987	nq	99
53) 3-Nitroaniline	14.71	138	145038	42.809	nq	# 93
54) 2,4-Dinitrophenol	14.90	184	43787	41.037	nq	96
55) Dibenzofuran	15.19	168	789525	37.970	nq	98
56) 4-Nitrophenol	14.99	139	109672	38.726	nq	90
57) 2,4-Dinitrotoluene	15.15	165	193281	47.377	nq	87
58) Fluorene	15.83	166	560243	36.143	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	165180	40.674	nq	97
60) Diethylphthalate	15.59	149	611858	34.638	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	334296	38.088	nq	98
62) 4-Nitroaniline	15.87	138	147470	41.761	nq	93
63) Azobenzene	16.12	77	578613	33.513	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	101237	54.502	nq	96
66) n-Nitrosodiphenylamine	16.04	169	547196	40.246	nq	98
67) 4-Bromophenyl-phenylether	16.72	248	212990	42.936	nq	96
68) Hexachlorobenzene	16.83	284	218501	43.902	nq	96
69) Atrazine	16.97	200	158831	31.967	nq	97
70) Pentachlorophenol	17.17	266	131963	38.149	nq	99
71) Phenanthrene	17.58	178	889899	38.452	nq	99
72) Anthracene	17.67	178	881312	38.661	nq	98
73) Carbazole	17.94	167	867932	38.150	nq	98
74) Di-n-butylphthalate	18.47	149	1004533	37.848	nq	99
75) Fluoranthene	19.58	202	1079214	40.176	nq	100
77) Benzidine	19.76	184	497805	31.621	nq	# 95
78) Pyrene	19.94	202	1100364	36.811	nq	99
80) Butylbenzylphthalate	20.80	149	494476	39.214	nq	99
81) Benzo(a)anthracene	21.81	228	1093049	38.524	nq	100
82) 3,3'-Dichlorobenzidine	21.72	252	414823	39.429	nq	99
83) Chrysene	21.88	228	1041140	38.547	nq	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	691475	38.437	nq	97
85) Di-n-octyl phthalate	22.93	149	1157816	38.957	nq	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1216253	41.970	nq	# 95
88) Benzo(b)fluoranthene	24.12	252	1071465	39.612	nq	97
89) Benzo(k)fluoranthene	24.19	252	1040670	38.321	nq	97
90) Benzo(a)pyrene	25.05	252	1032578	39.638	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	990627	40.606	nq	98
92) Benzo(g,h,i)perylene	30.33	276	997589	41.026	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.02 min

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Acq: 28 Feb 2019 1:14

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SSTDCCC040

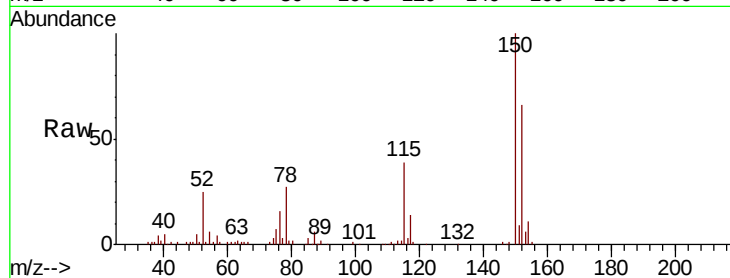
Tot Ion:152 Resp: 83463

Ion Ratio Lower Upper

152 100

150 152.4 123.7 185.5

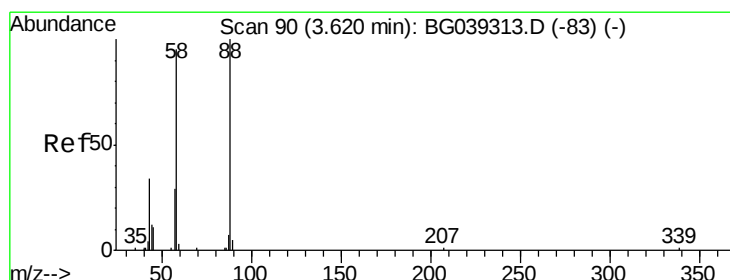
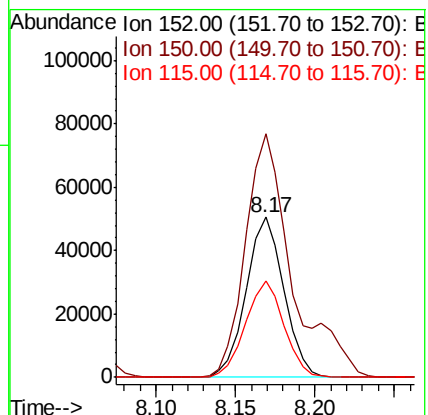
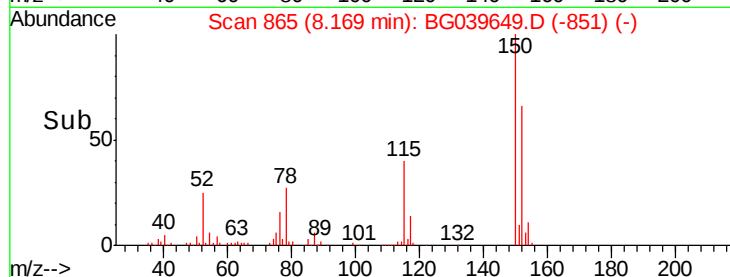
115 60.1 45.9 68.9



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: 38.125 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

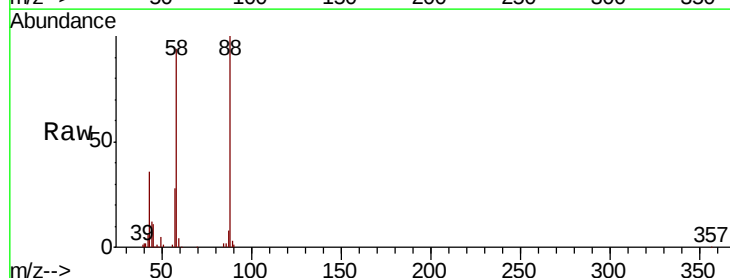
Tgt Ion: 88 Resp: 81326

Ion Ratio Lower Upper

88 100

58 93.7 81.1 121.7

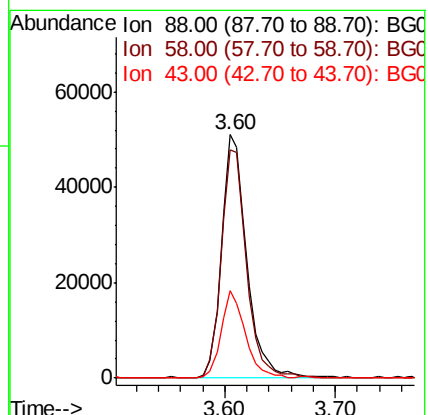
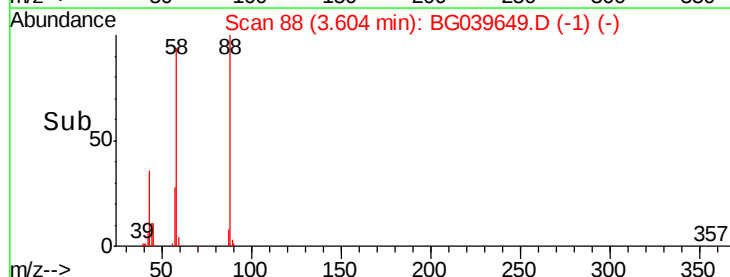
43 34.2 31.4 47.0

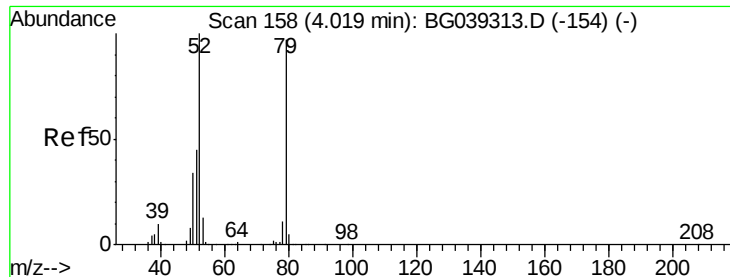


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.718 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

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SSTDCCC040

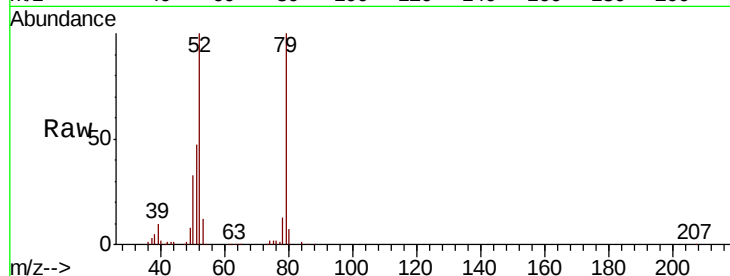
Tot Ion: 79 Resp: 229962

Ion Ratio Lower Upper

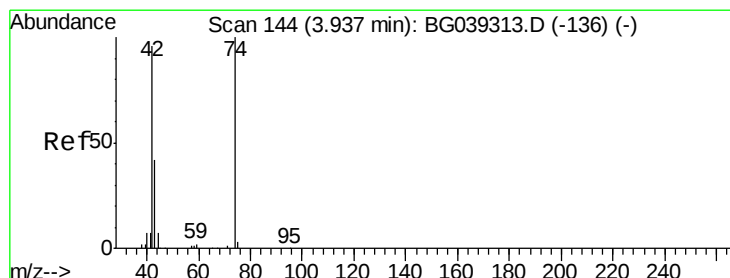
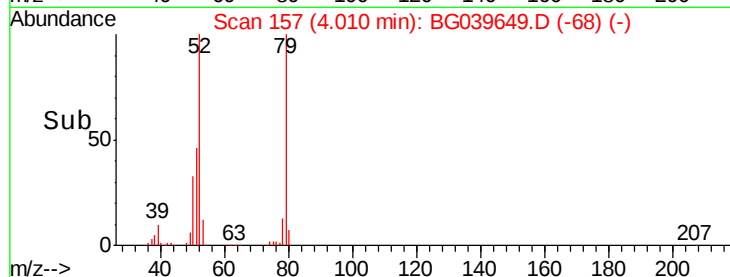
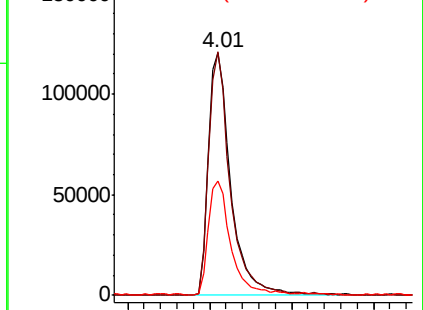
79 100

52 100.3 82.6 124.0

51 47.3 37.5 56.3



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: 36.387 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

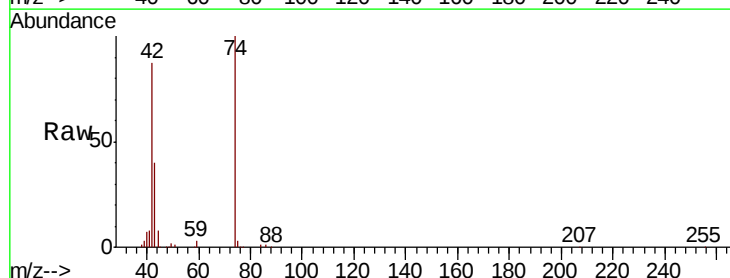
Tgt Ion: 42 Resp: 102773

Ion Ratio Lower Upper

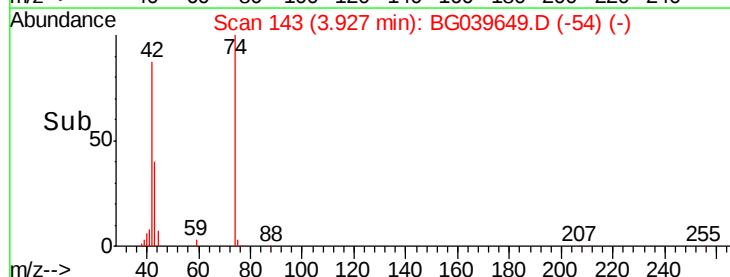
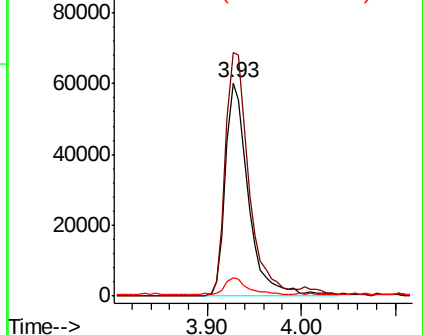
42 100

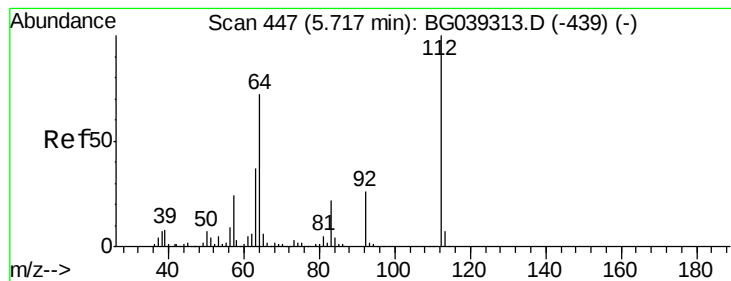
74 114.3 83.6 125.4

44 8.9 6.9 10.3



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: 78.906 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

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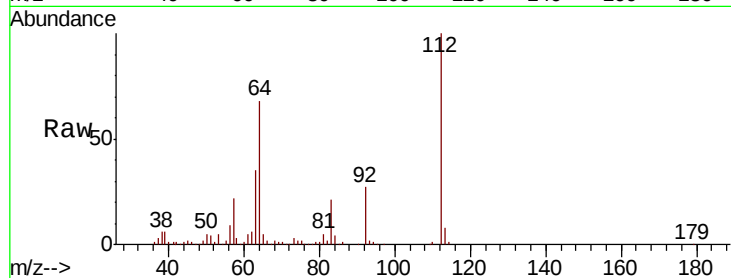
Tot Ion:112 Resp: 384790

Ion Ratio Lower Upper

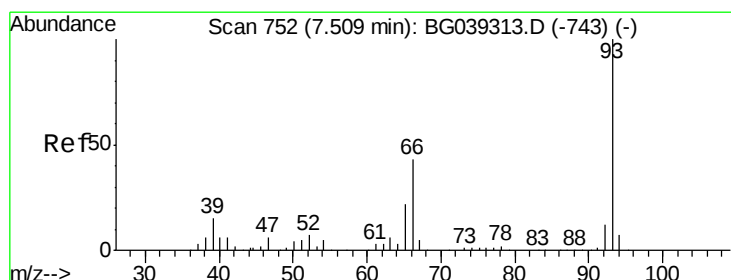
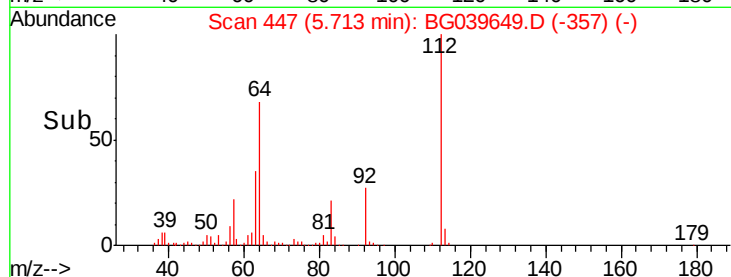
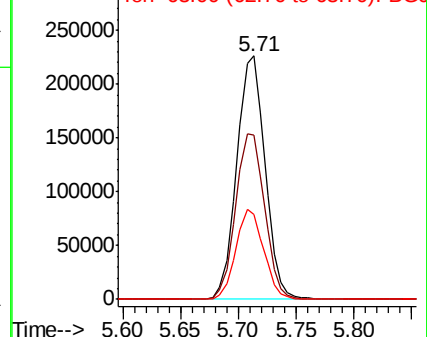
112 100

64 67.5 57.8 86.8

63 34.7 29.8 44.6



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



#6

Aniline

Concen: 37.783 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

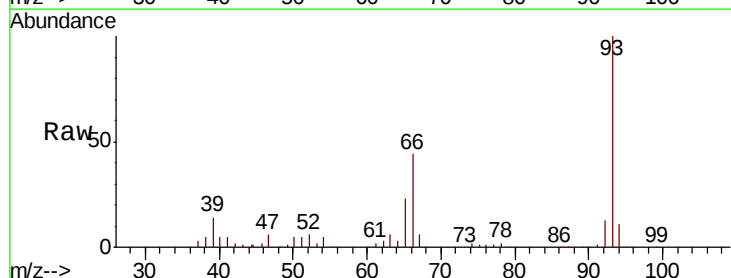
Tgt Ion: 93 Resp: 339720

Ion Ratio Lower Upper

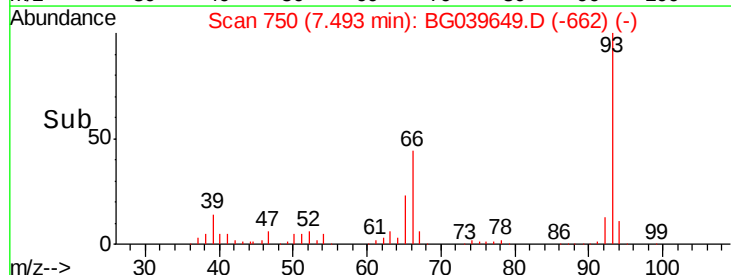
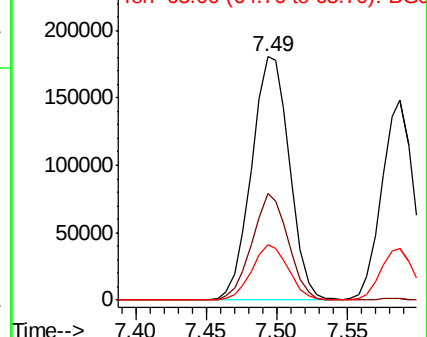
93 100

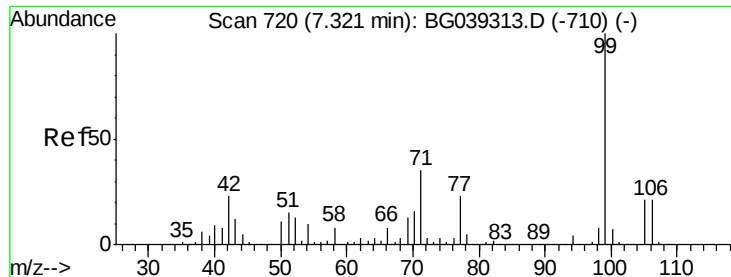
66 43.6 34.2 51.4

65 22.8 17.7 26.5



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: 79.068 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039649.D

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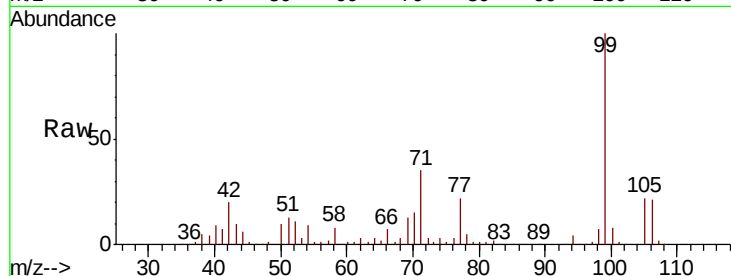
Tot Ion: 99 Resp: 567564

Ion Ratio Lower Upper

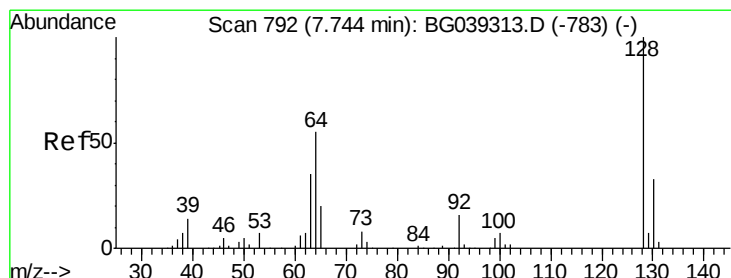
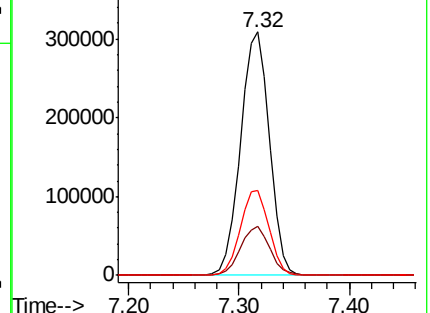
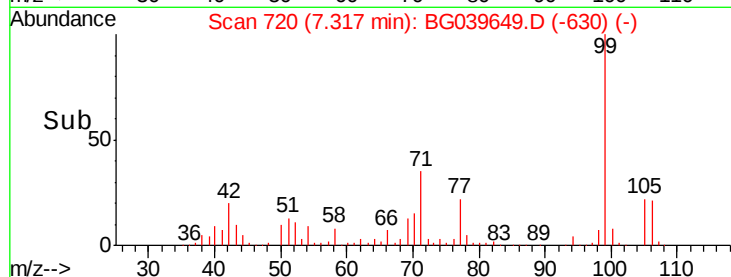
99 100

42 20.4 18.2 27.2

71 35.0 28.0 42.0



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: 40.153 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

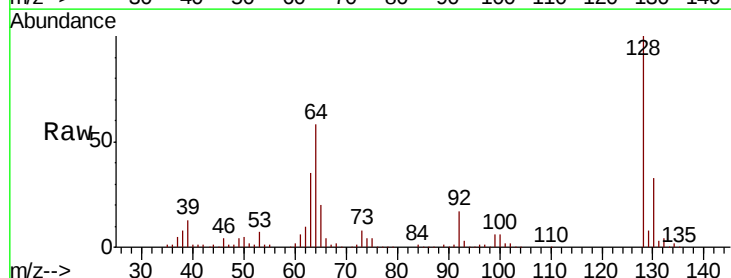
Tgt Ion: 128 Resp: 214039

Ion Ratio Lower Upper

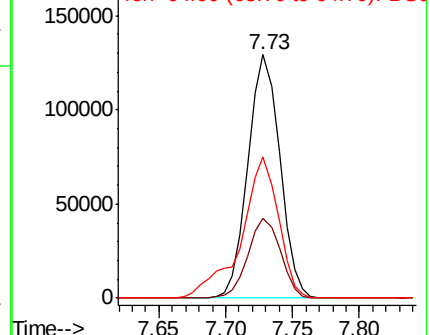
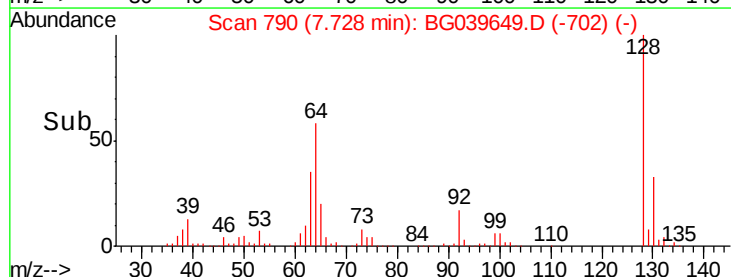
128 100

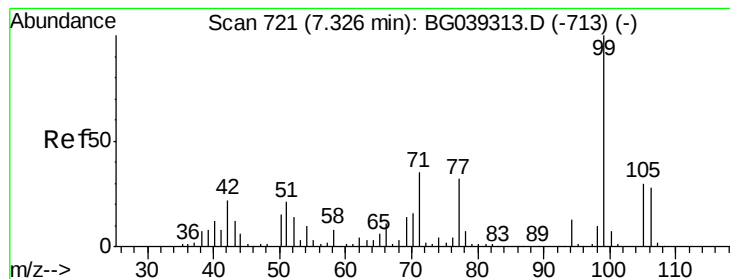
130 32.7 12.9 52.9

64 58.0 38.7 78.7



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: 42.229 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

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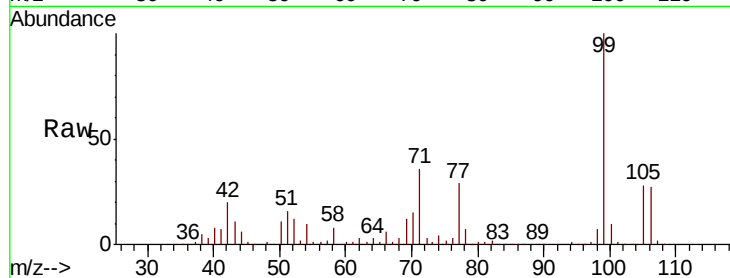
Tot Ion: 77 Resp: 149021

Ion Ratio Lower Upper

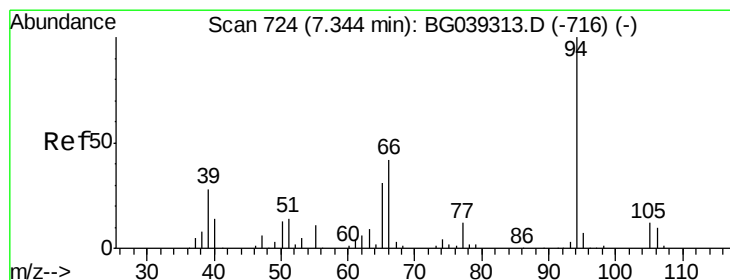
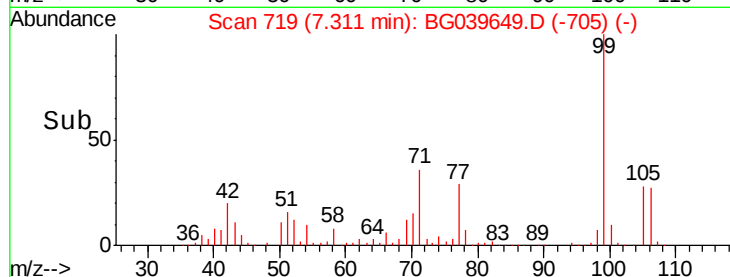
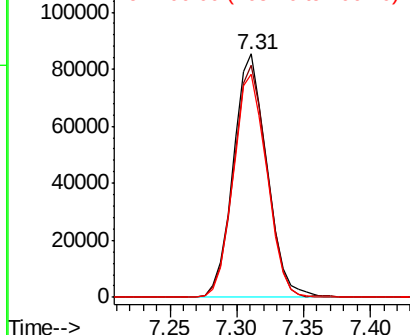
77 100

105 95.4 74.5 114.5

106 91.5 68.0 108.0



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



#10

Phenol

Concen: 39.267 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

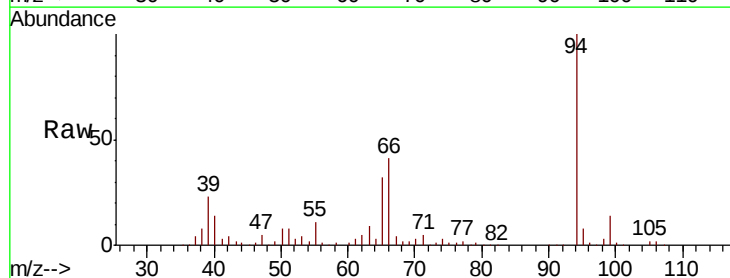
Tgt Ion: 94 Resp: 293822

Ion Ratio Lower Upper

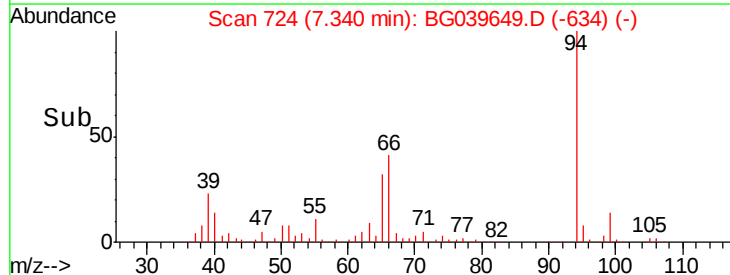
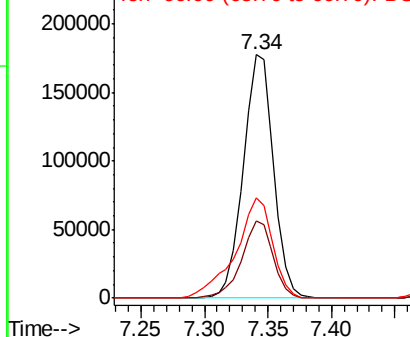
94 100

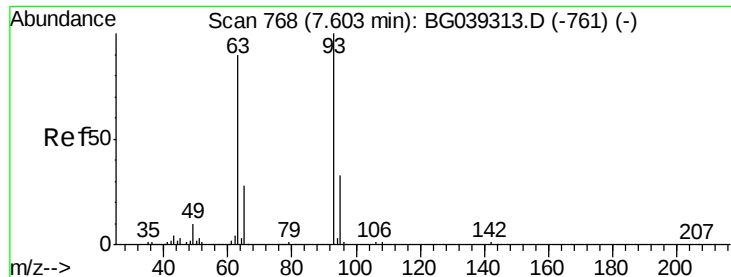
65 31.7 11.7 51.7

66 41.3 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 39.293 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

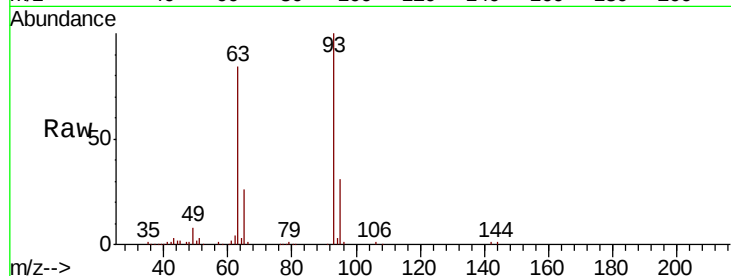
Tot Ion: 93 Resp: 232328

Ion Ratio Lower Upper

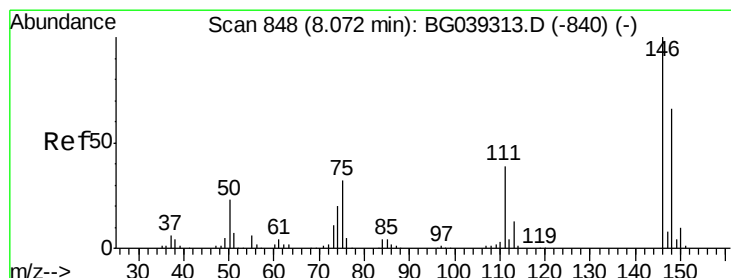
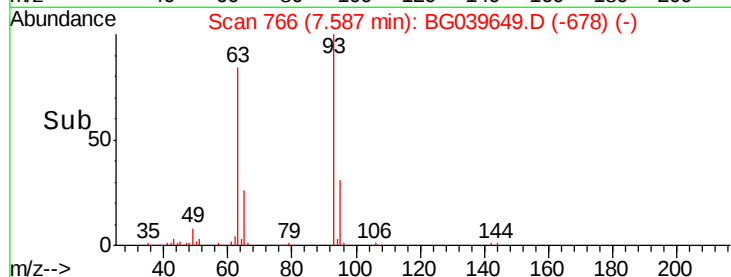
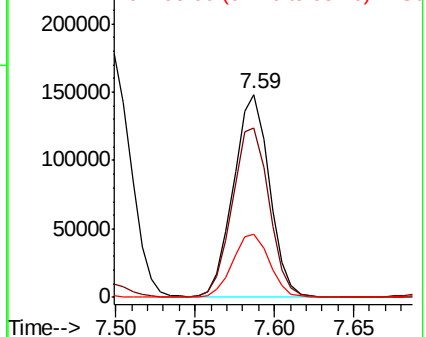
93 100

63 83.7 69.5 109.5

95 31.2 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 39.395 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

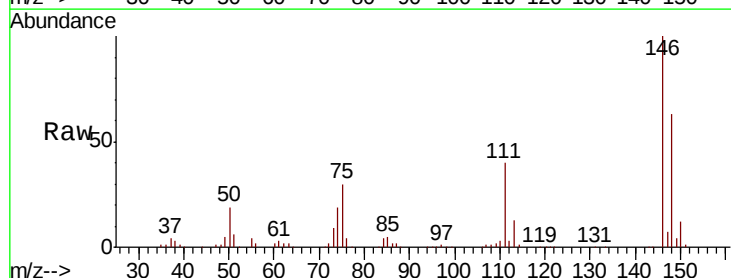
Tgt Ion: 146 Resp: 254394

Ion Ratio Lower Upper

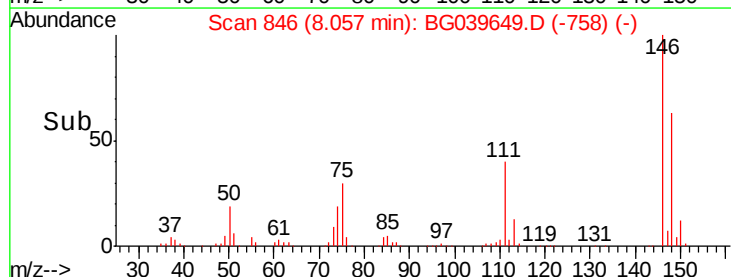
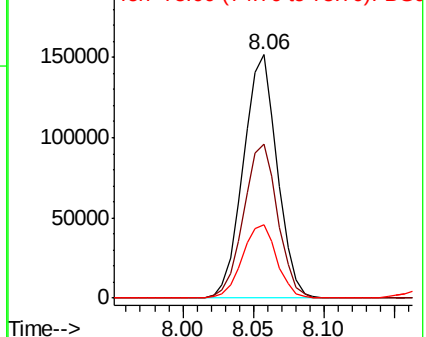
146 100

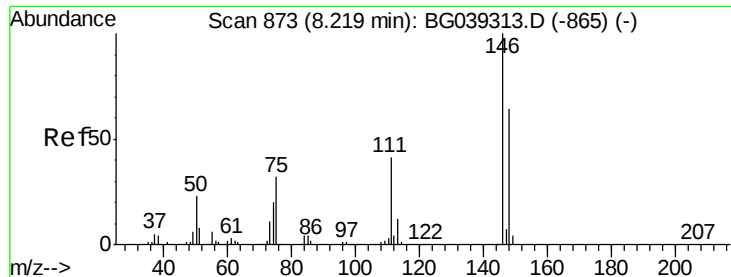
148 63.5 52.6 79.0

75 30.3 25.8 38.6



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





#13

1,4-Dichlorobenzene

Concen: 40.552 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

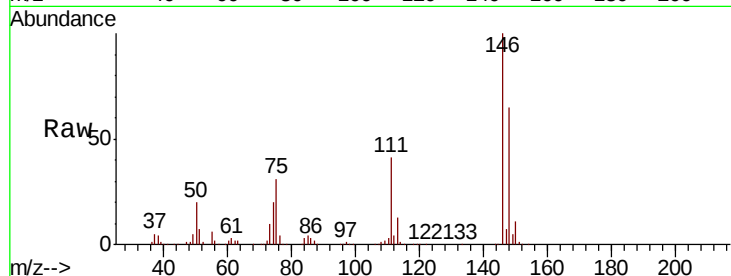
Tot Ion:146 Resp: 261008

Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

111 40.7 32.6 48.8

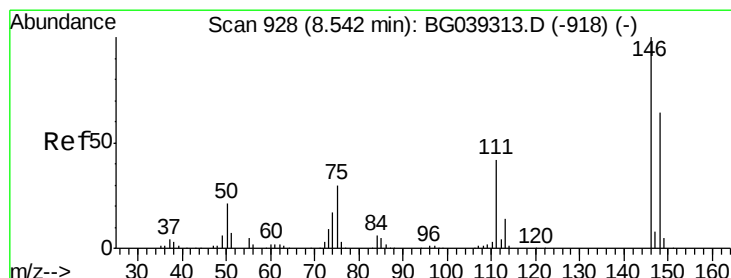
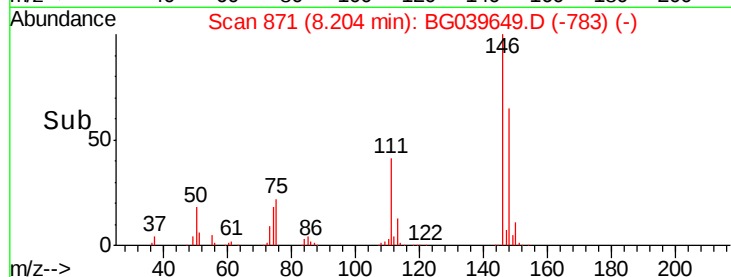
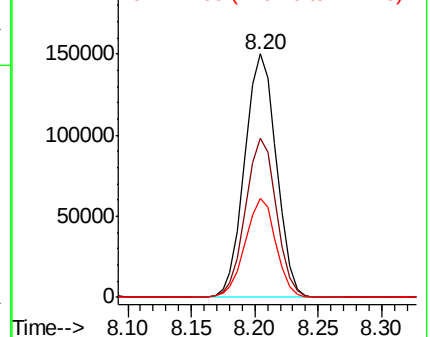


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.483 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

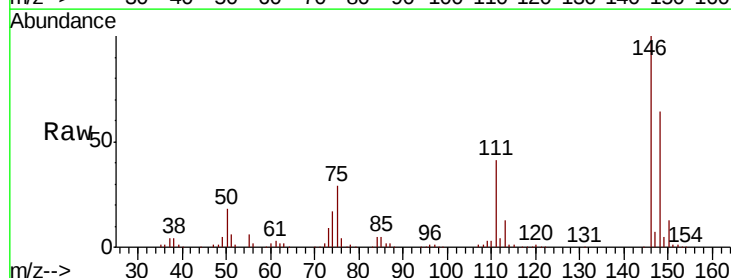
Tgt Ion:146 Resp: 246011

Ion Ratio Lower Upper

146 100

148 63.7 51.5 77.3

111 41.4 33.8 50.6

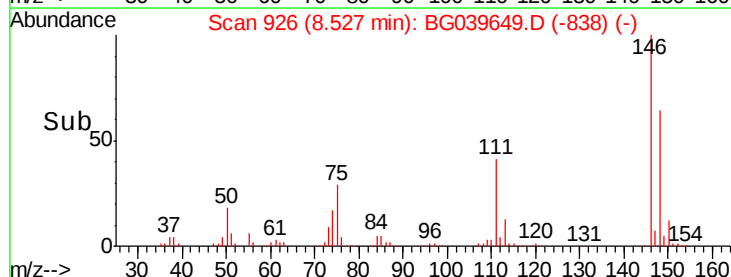
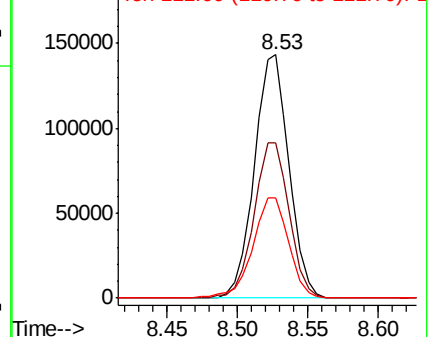


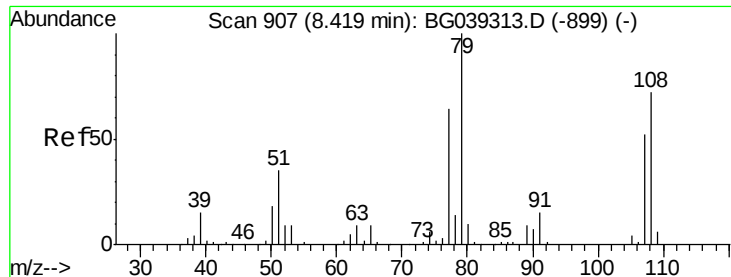
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.392 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

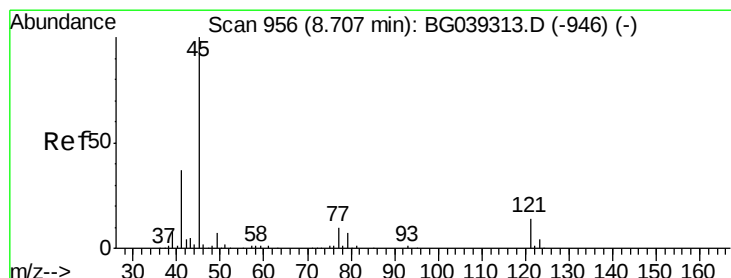
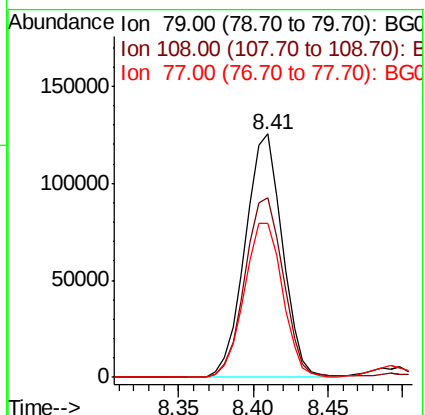
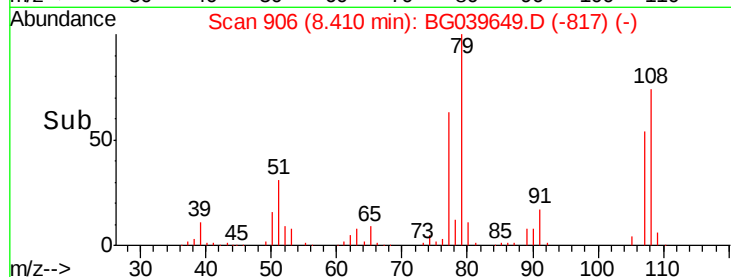
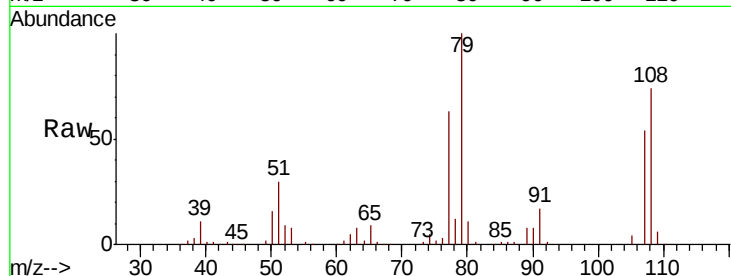
Tot Ion: 79 Resp: 216356

Ion Ratio Lower Upper

79 100

108 73.8 57.8 86.6

77 63.4 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.394 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

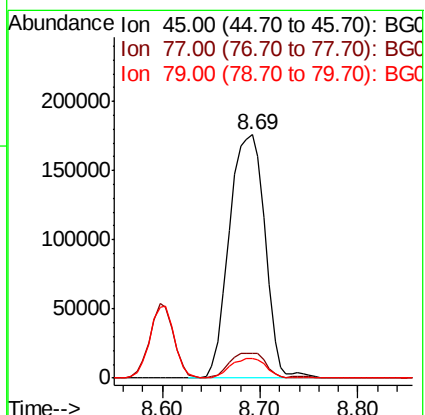
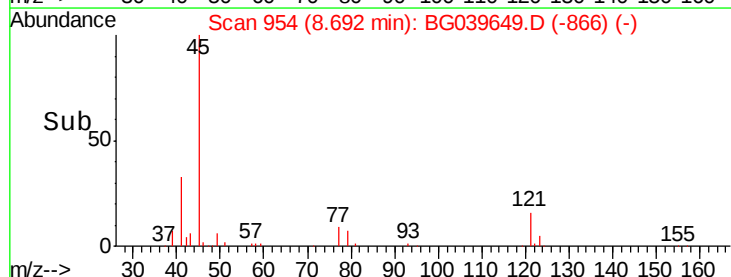
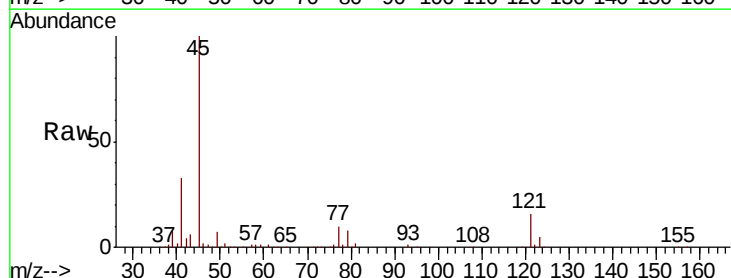
Tgt Ion: 45 Resp: 445883

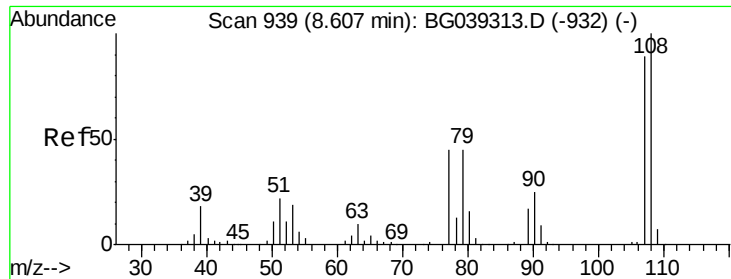
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.0

79 8.0 0.0 27.5

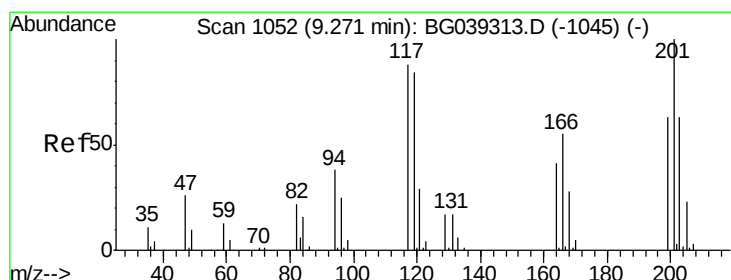
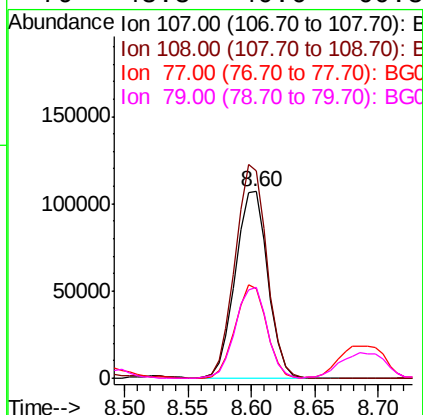
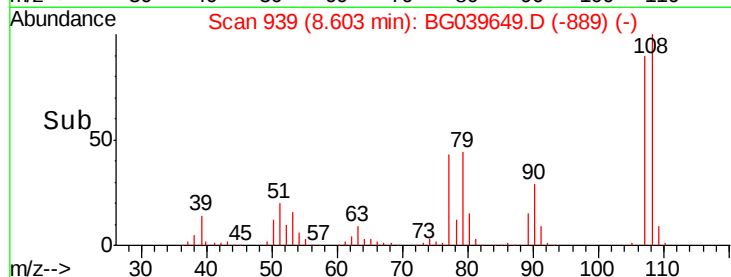
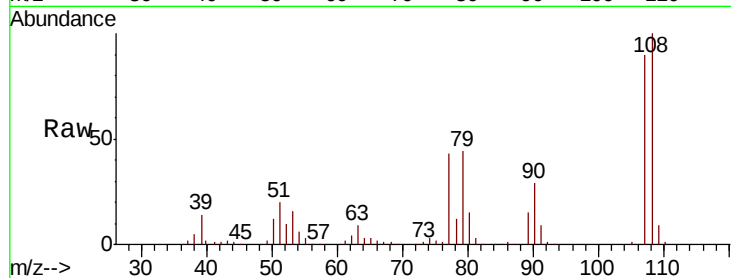




#17
2-Methylphenol
Concen: 39.280 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

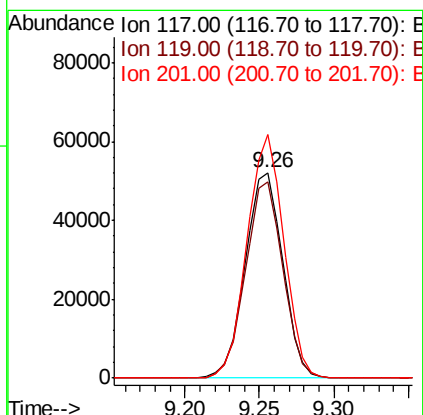
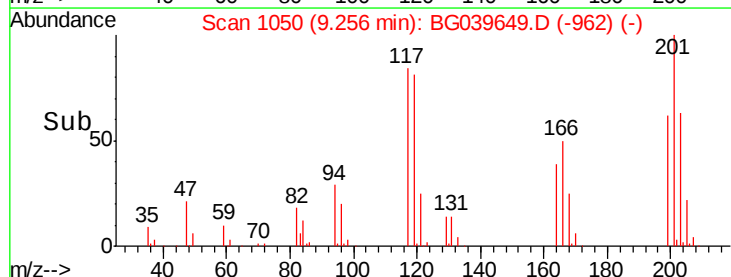
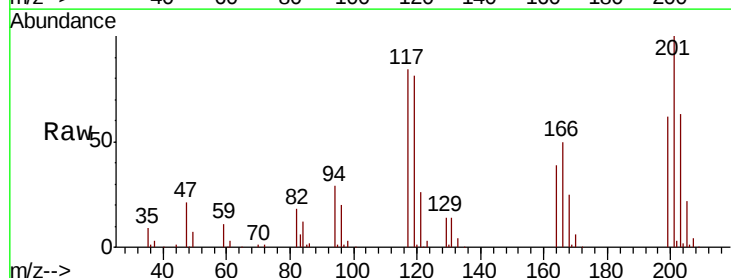
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

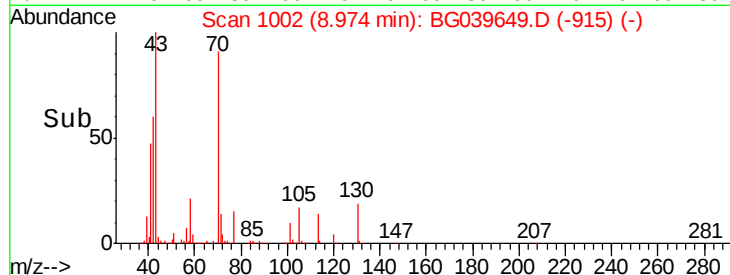
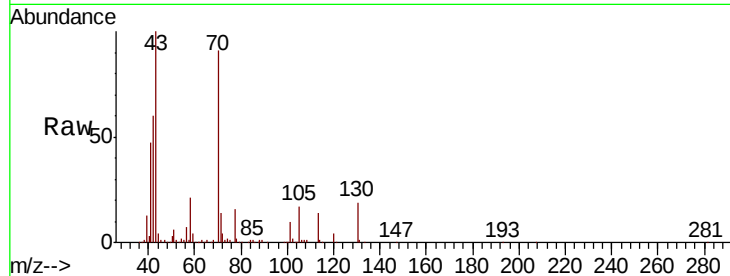
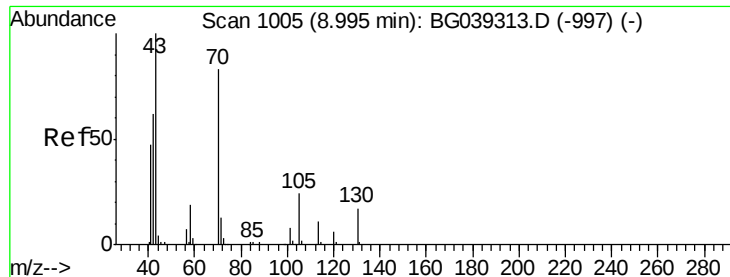
Tot Ion:	107	Resp:	190202
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.8	136.2
77	47.7	40.7	61.1
79	48.8	40.6	60.8



#18
Hexachloroethane
Concen: 40.842 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion:	117	Resp:	90440
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.3	114.5
201	118.4	91.1	136.7

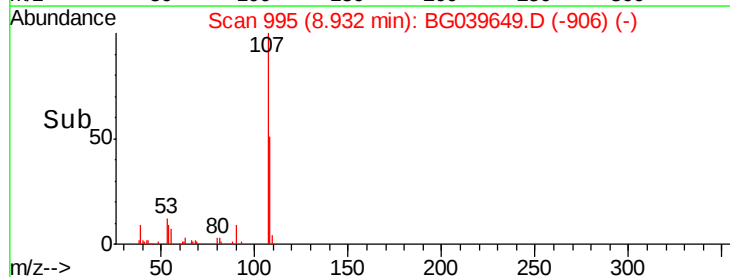
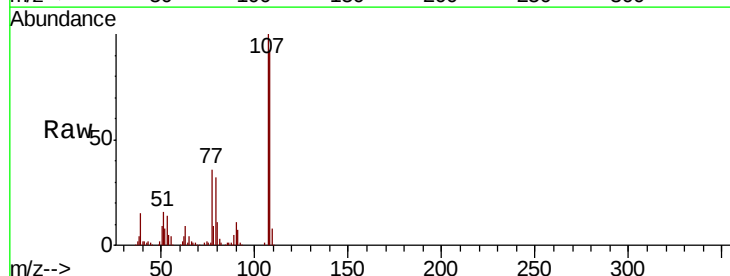
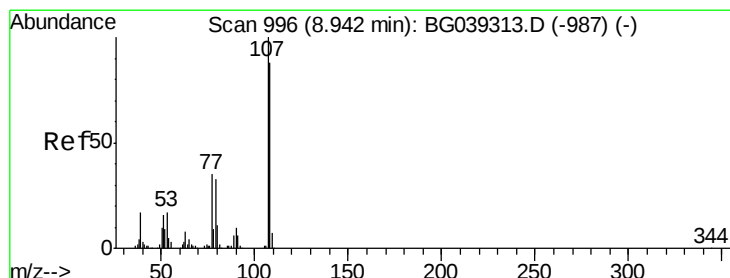
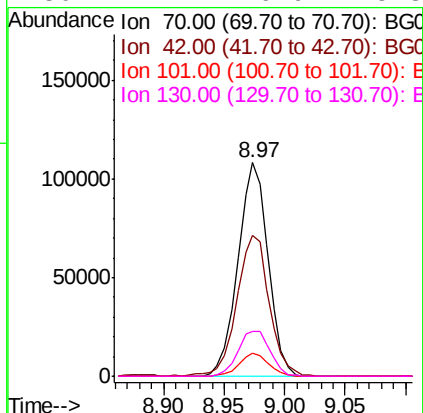




#19
n-Nitroso-di-n-propylamine
Concen: 36.812 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

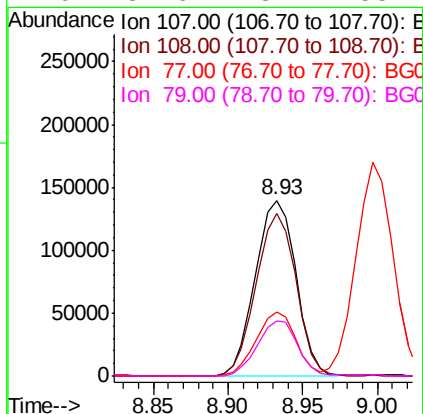
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

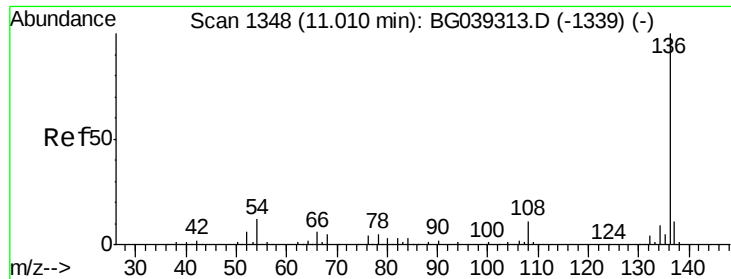
Tot Ion:	70	Resp:	187550
Ion	Ratio	Lower	Upper
70	100		
42	66.2	60.4	90.6
101	10.7	7.5	11.3
130	21.2	16.9	25.3



#20
3+4-Methylphenols
Concen: 39.563 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion:	107	Resp:	263809
Ion	Ratio	Lower	Upper
107	100		
108	92.2	67.9	107.9
77	36.2	15.4	55.4
79	31.6	13.7	53.7

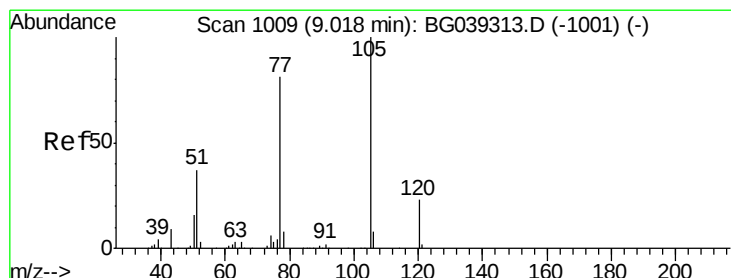
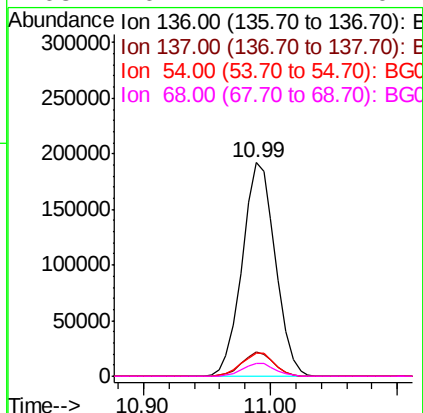
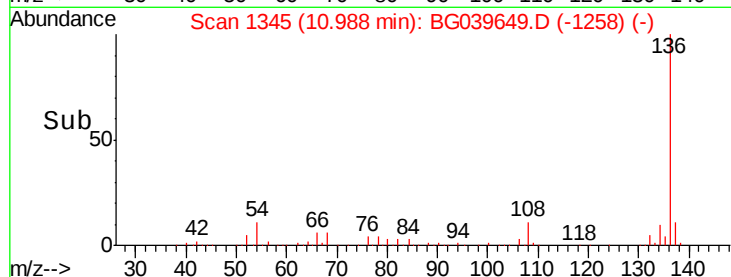
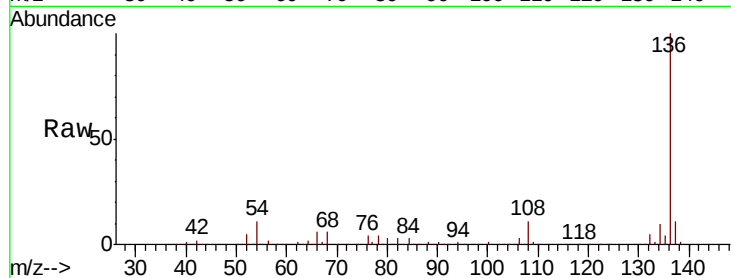




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

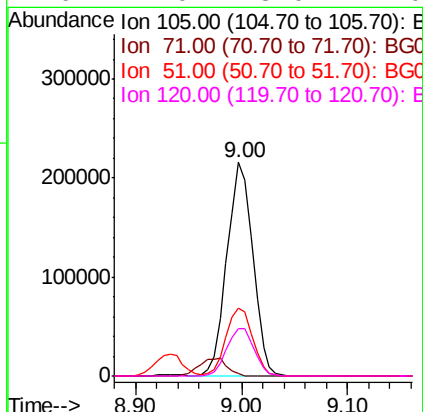
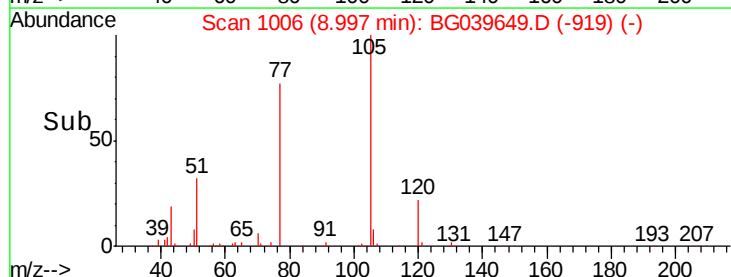
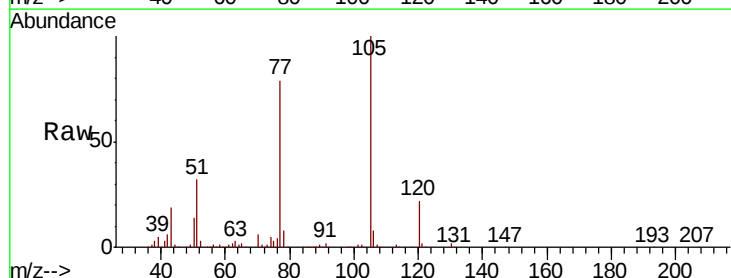
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

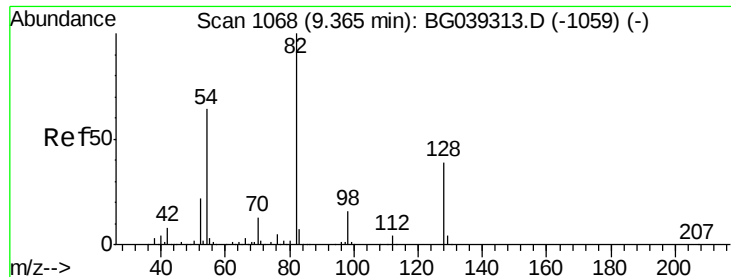
Tot Ion:136	Resp:	347482
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	11.1	9.4 14.2
68	6.2	4.2 6.4



#22
Acetophenone
Concen: 39.320 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion:105	Resp:	367008
Ion Ratio	Lower	Upper
105	100	
71	1.1	0.8 1.2
51	32.0	30.2 45.2
120	22.0	18.0 27.0

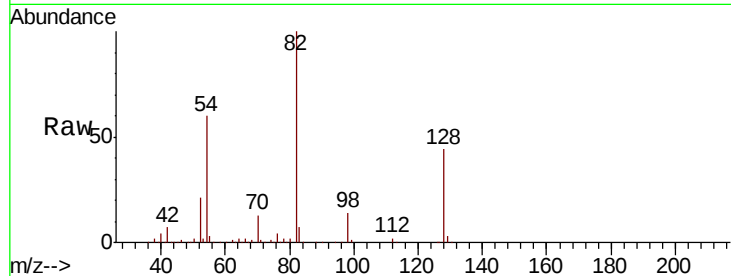




#23
Nitrobenzene-d5
Concen: 95.781 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	31.3	46.9
54	60.0	50.9	76.3

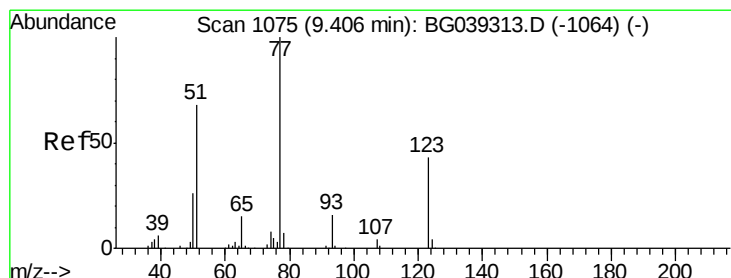
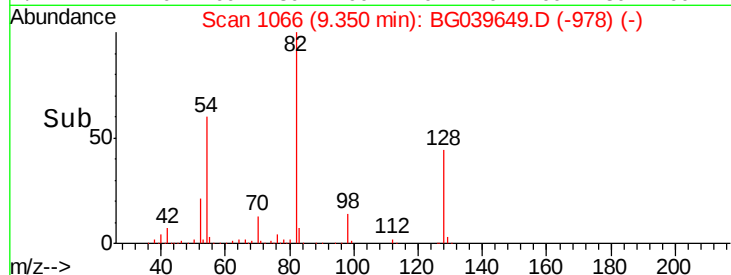
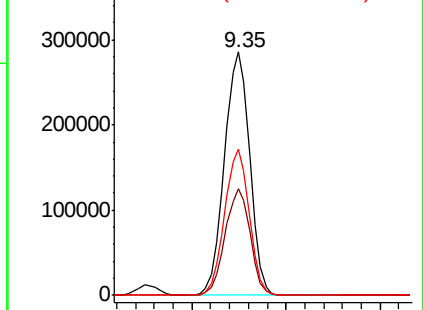


Abundance

Ion 82.00 (81.70 to 82.70): BGC

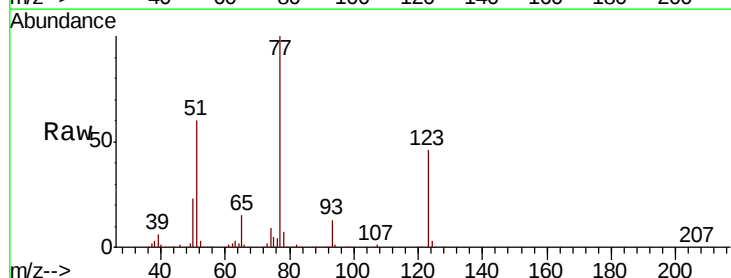
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 45.460 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	34.1	51.1
65	14.7	12.3	18.5

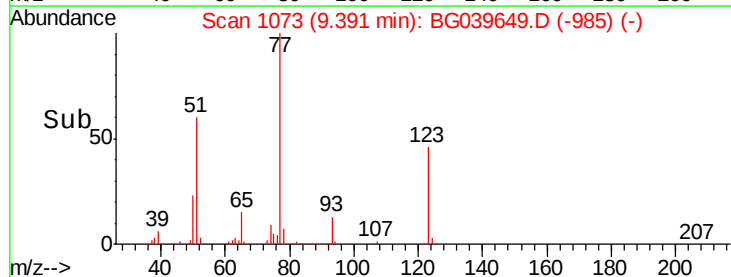
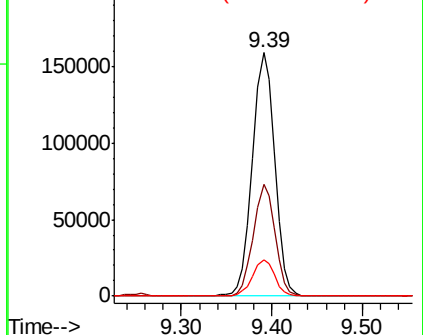


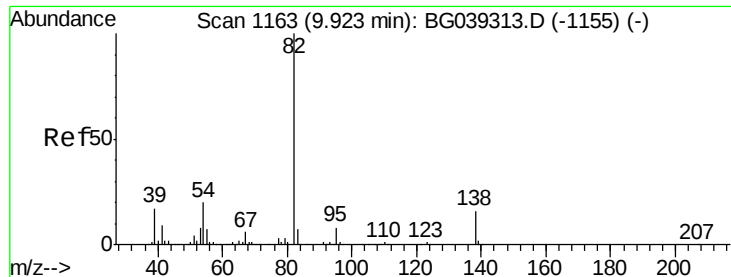
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.167 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

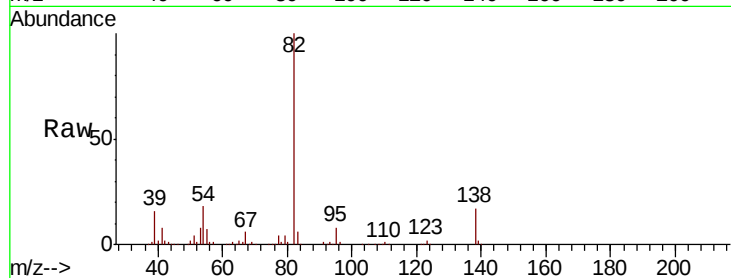
Tot Ion: 82 Resp: 458117

Ion Ratio Lower Upper

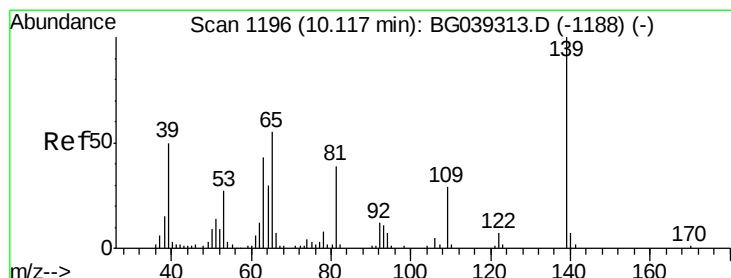
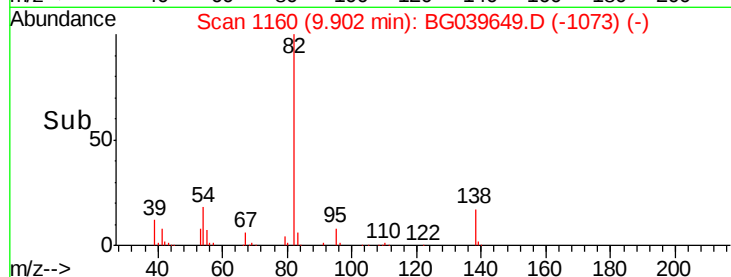
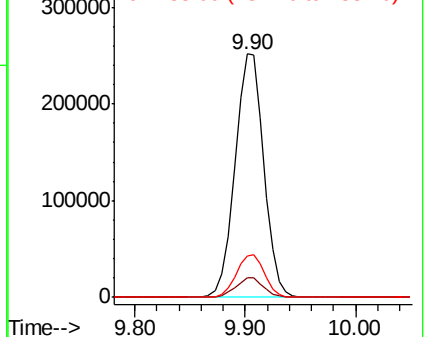
82 100

95 8.3 6.2 9.2

138 17.2 13.0 19.4



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



#26

2-Nitrophenol

Concen: 55.845 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

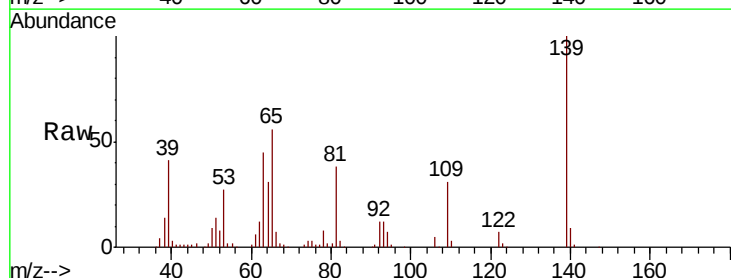
Tgt Ion: 139 Resp: 138466

Ion Ratio Lower Upper

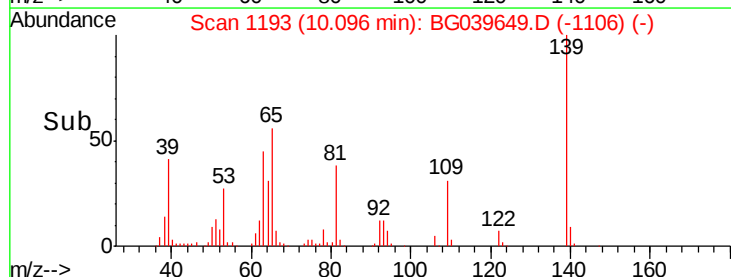
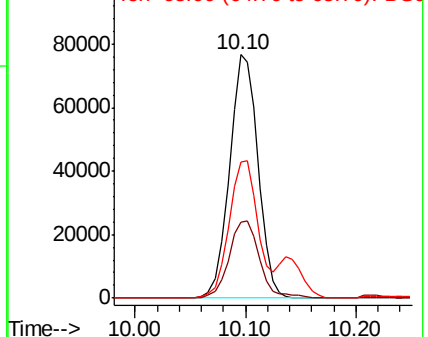
139 100

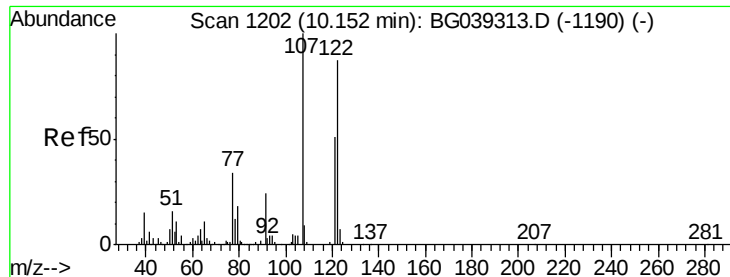
109 31.2 23.4 35.0

65 55.9 44.3 66.5



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





#27

2,4-Dimethylphenol

Concen: 40.694 ng

RT: 10.14 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

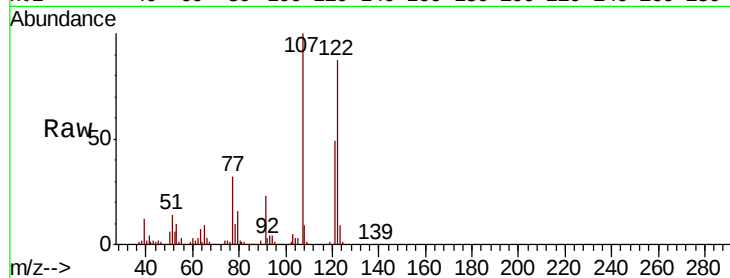
Tot Ion:122 Resp: 202907

Ion Ratio Lower Upper

122 100

107 114.4 91.7 137.5

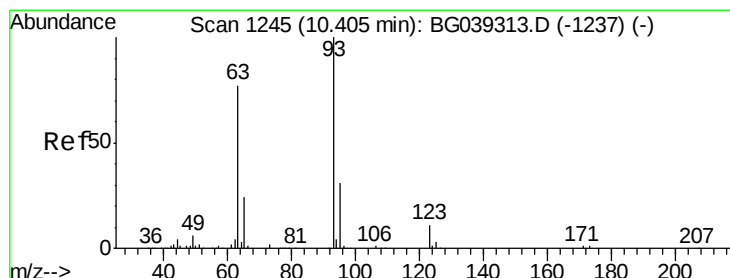
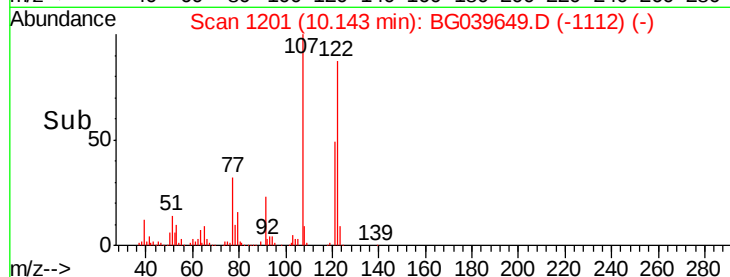
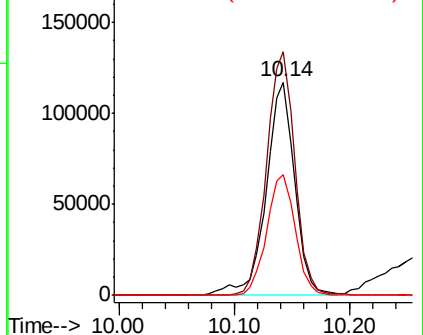
121 56.5 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.108 ng

RT: 10.38 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

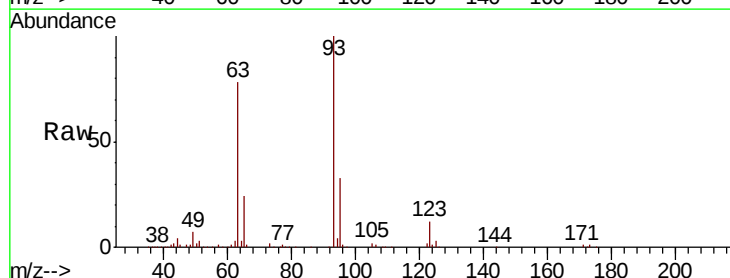
Tgt Ion: 93 Resp: 296907

Ion Ratio Lower Upper

93 100

95 33.1 25.0 37.4

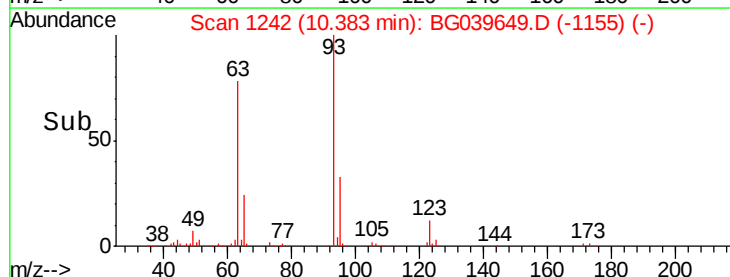
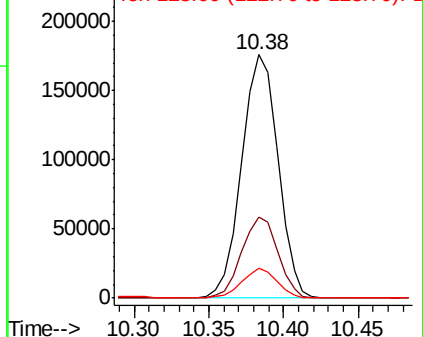
123 12.1 8.6 12.8

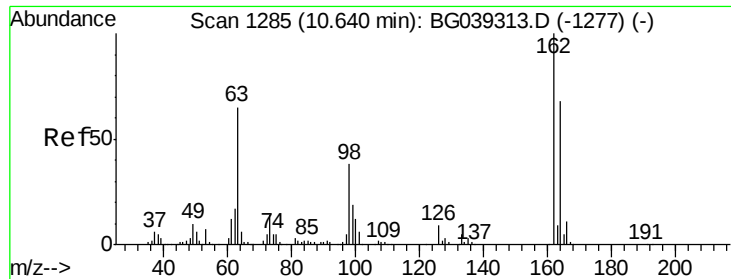


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

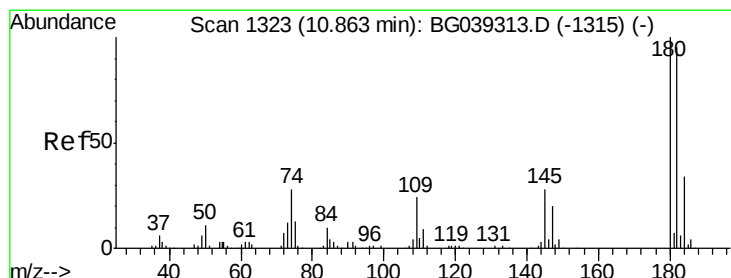
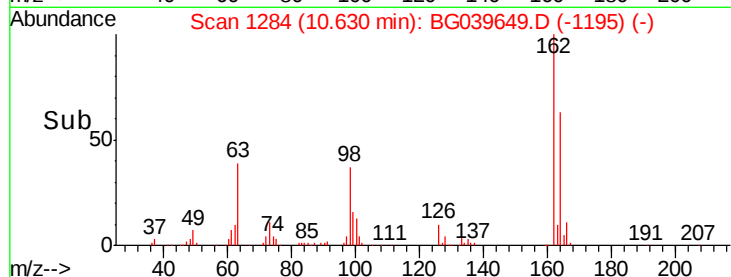
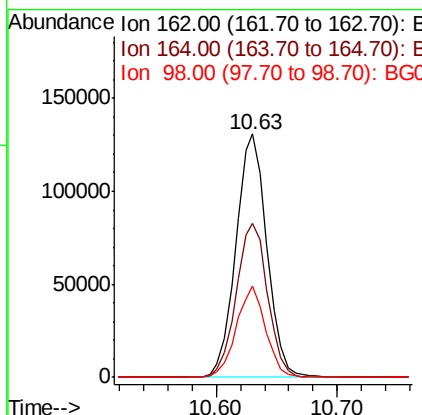
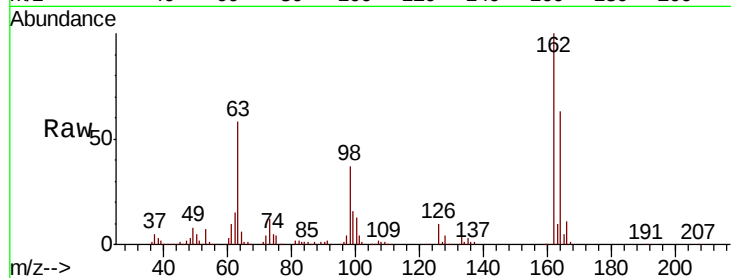




#29
2,4-Dichlorophenol
Concen: 42.746 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

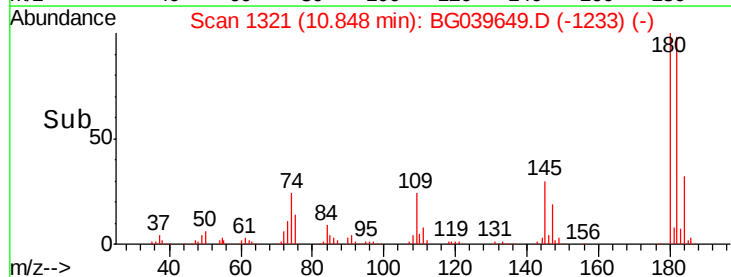
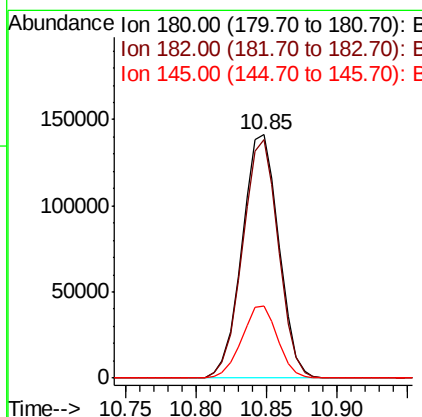
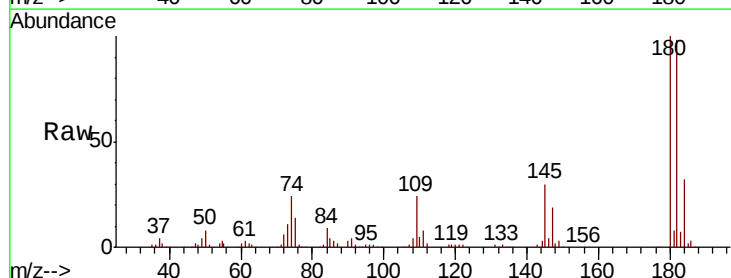
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

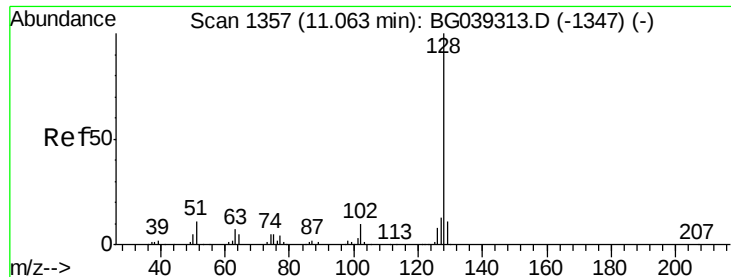
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	48.1	88.1
98	37.5	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 42.112 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.0	114.0
145	29.7	22.7	34.1

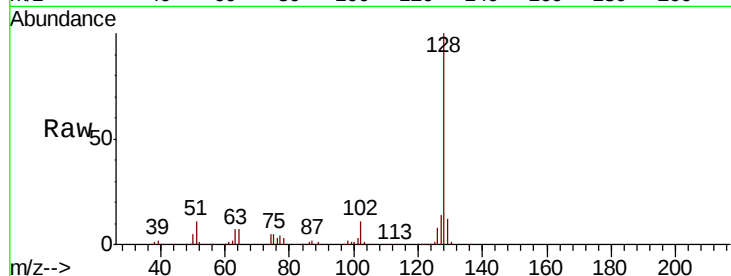




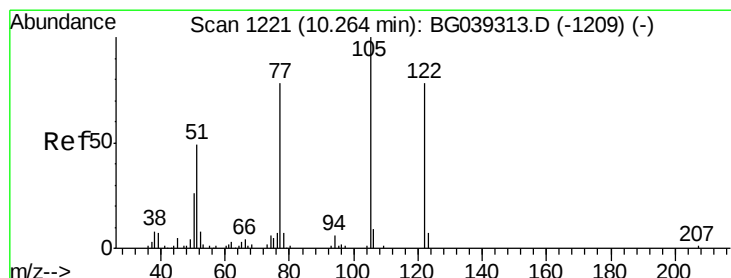
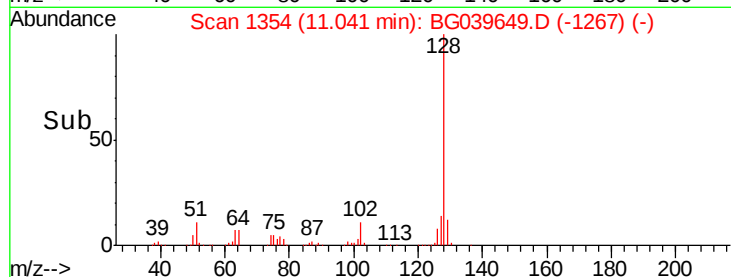
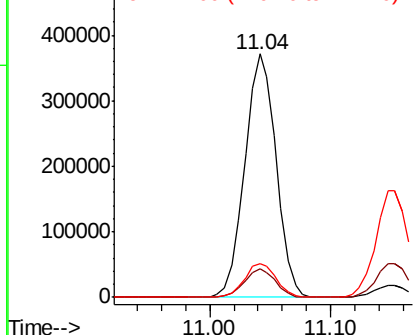
#31
Naphthalene
Concen: 38.721 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 667493
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.0 10.8 16.2

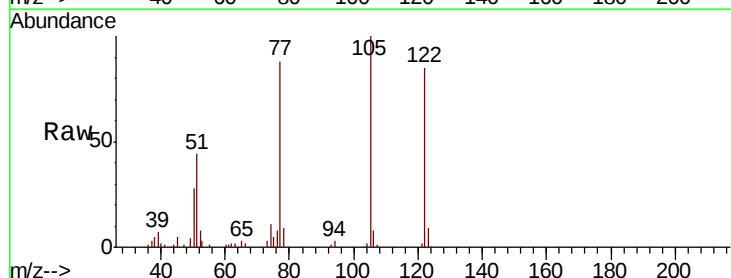


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

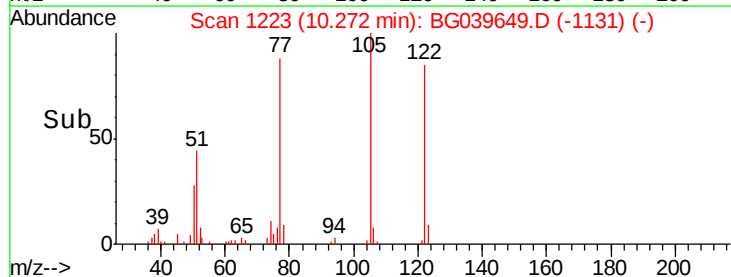
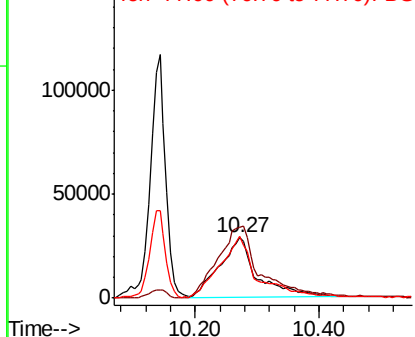


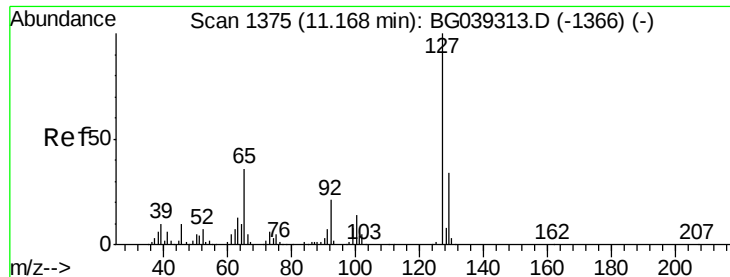
#32
Benzoic acid
Concen: 38.683 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion:122 Resp: 119262
Ion Ratio Lower Upper
122 100
105 117.4 101.8 141.8
77 103.1 76.3 116.3



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

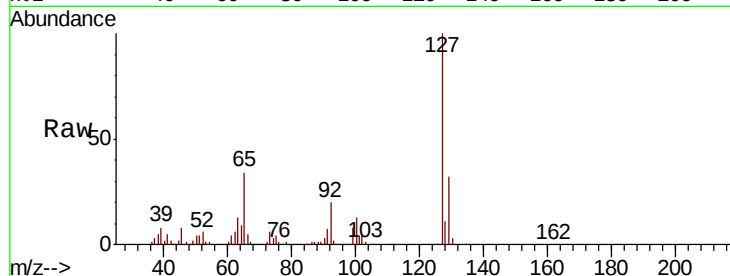




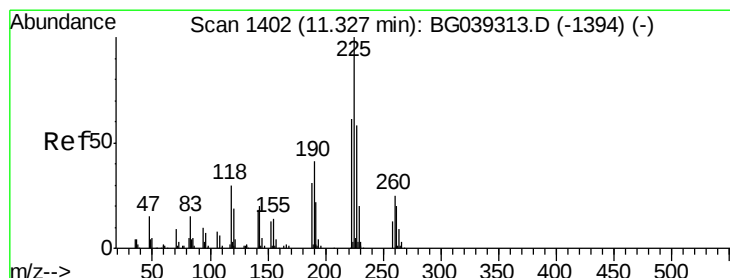
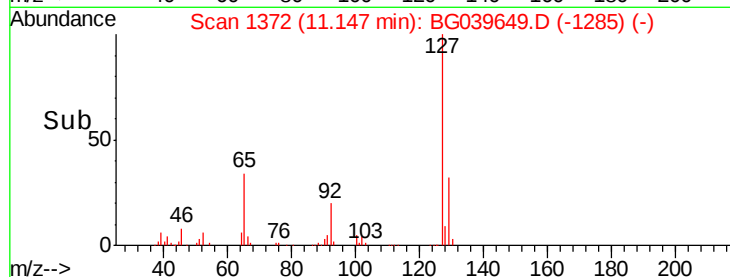
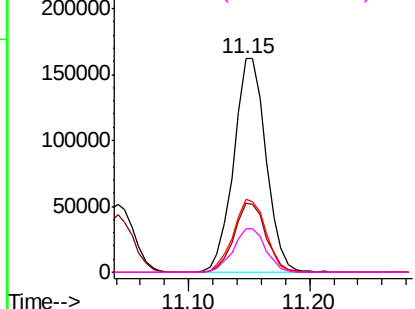
#33
4-Chloroaniline
Concen: 37.855 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	302572
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.0	40.4
65	34.1	28.8	43.2
92	20.3	16.6	25.0

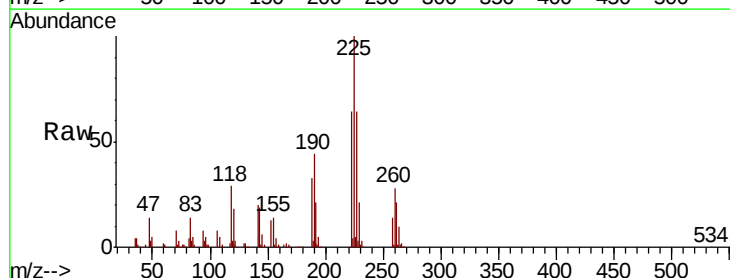


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

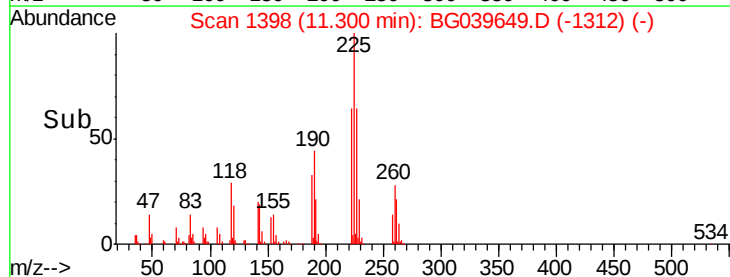
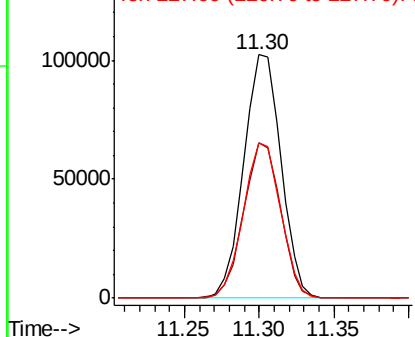


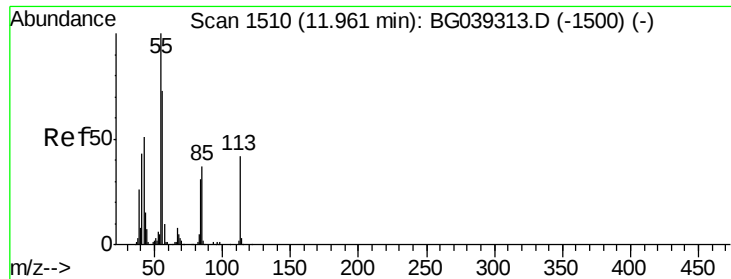
#34
Hexachlorobutadiene
Concen: 43.471 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion:	225	Resp:	176874
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.0	73.6
227	63.8	46.3	69.5



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





#35

Caprolactam

Concen: 35.608 ng

RT: 11.95 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

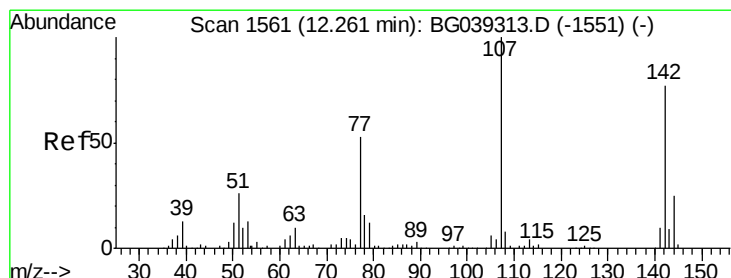
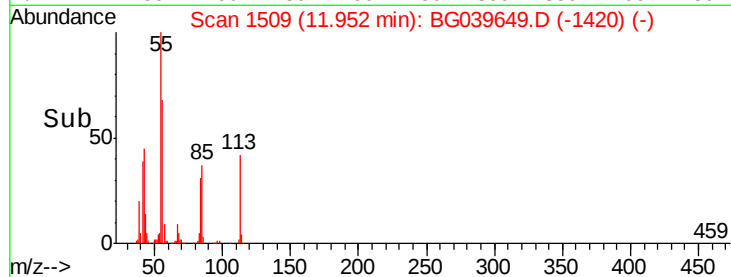
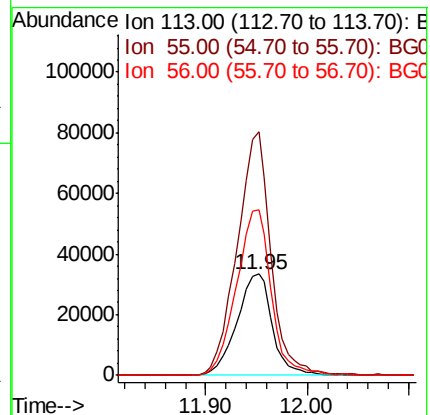
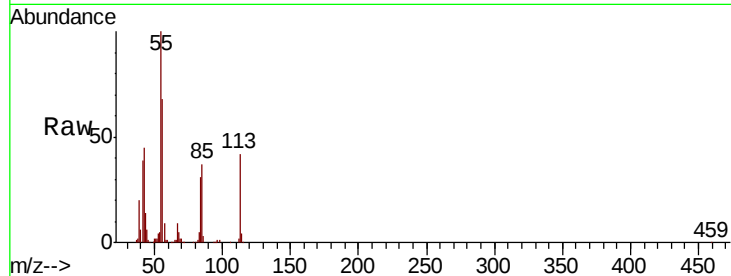
Tot Ion:113 Resp: 80298

Ion Ratio Lower Upper

113 100

55 240.6 216.9 256.9

56 164.2 152.6 192.6



#36

4-Chloro-3-methylphenol

Concen: 38.404 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

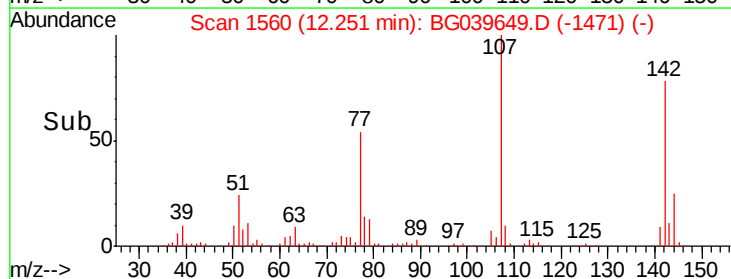
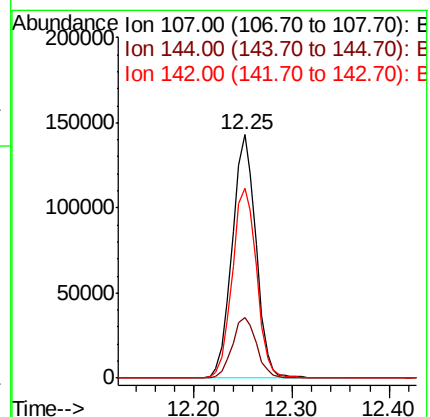
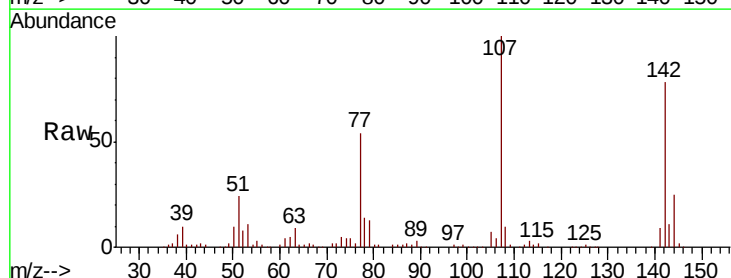
Tgt Ion:107 Resp: 242032

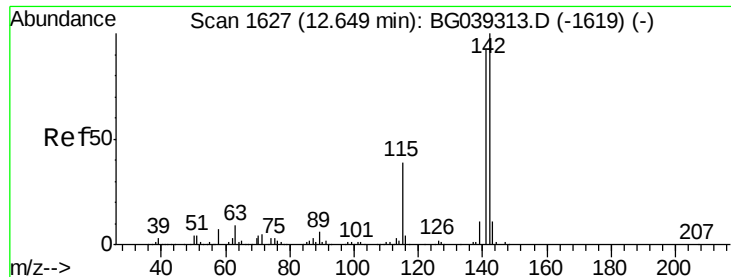
Ion Ratio Lower Upper

107 100

144 25.0 20.2 30.2

142 77.8 61.4 92.2

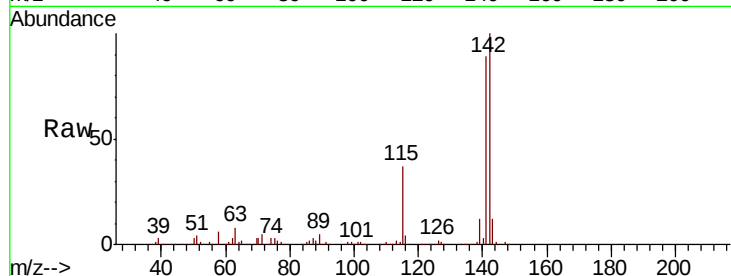




#37
 2-Methylnaphthalene
 Concen: 37.684 ng
 RT: 12.63 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.5	110.3
115	36.6	30.8	46.2

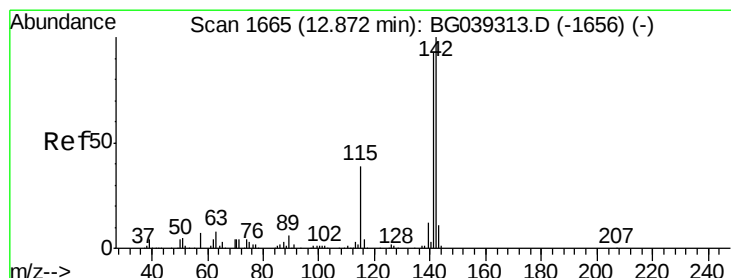
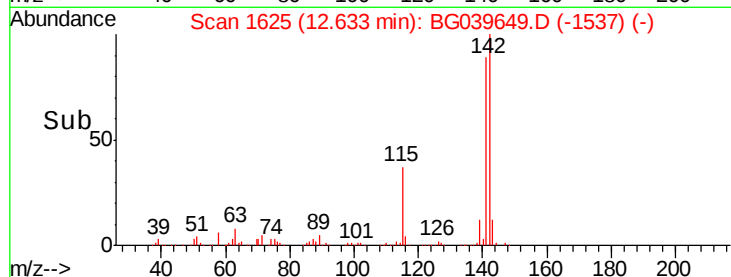
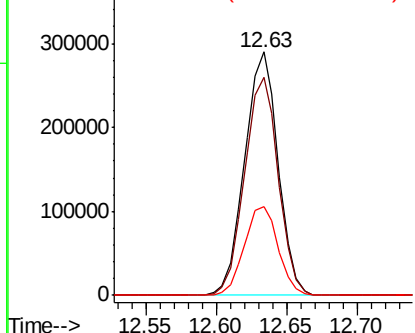


Abundance

Ion 142.00 (141.70 to 142.70): E

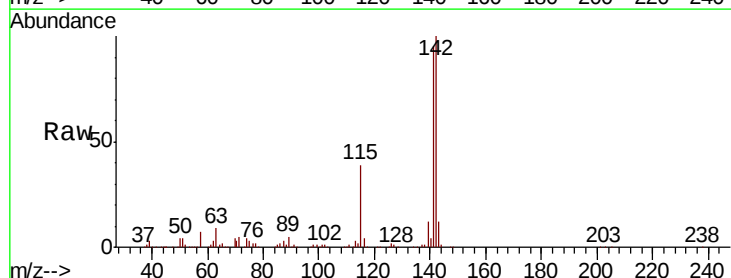
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 37.430 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	74.2	111.4
116	4.2	3.0	4.6

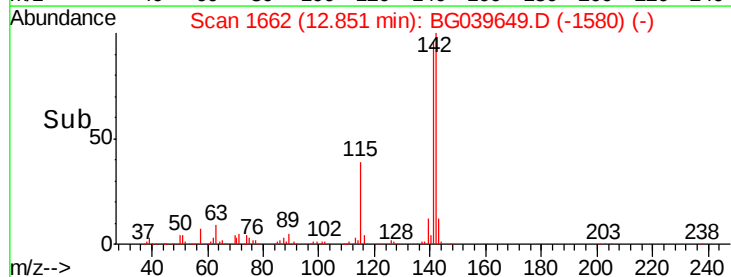
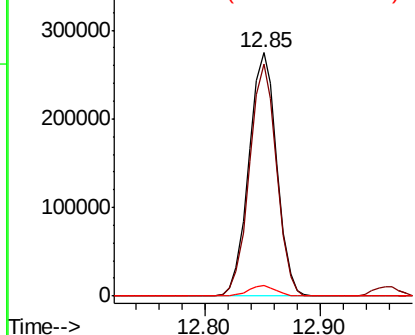


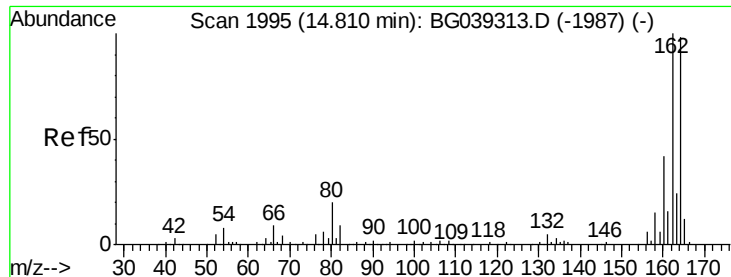
Abundance

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: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

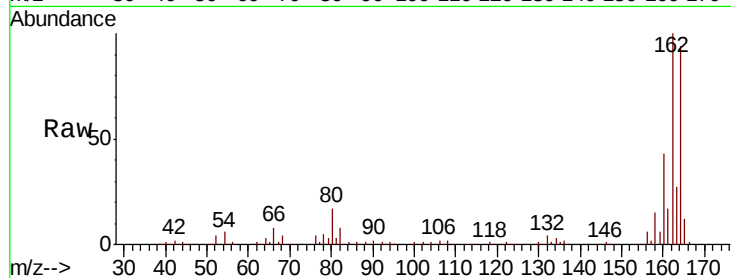
Tot Ion:164 Resp: 211541

Ion Ratio Lower Upper

164 100

162 106.0 81.6 122.4

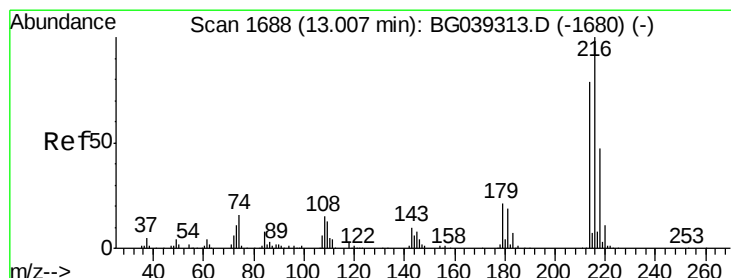
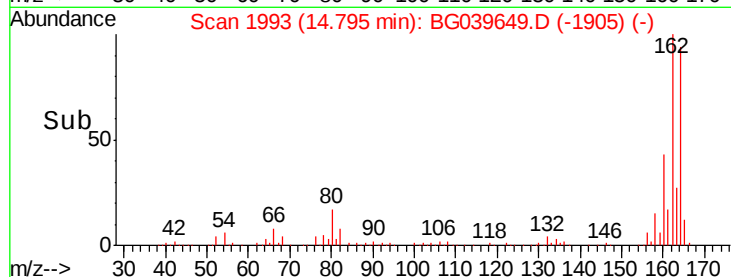
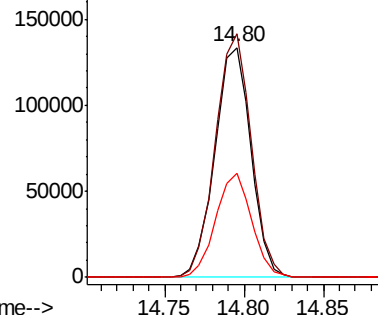
160 45.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.555 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Tgt Ion:216 Resp: 299882

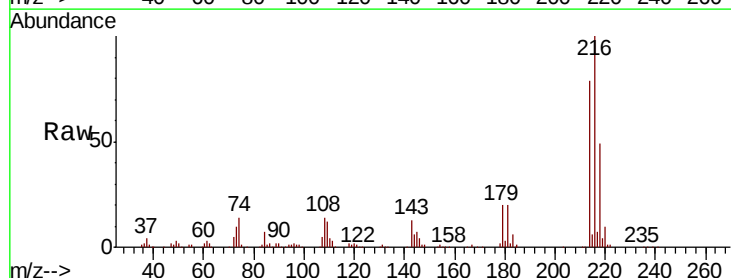
Ion Ratio Lower Upper

216 100

214 80.3 62.6 94.0

179 20.1 16.6 25.0

108 15.7 14.0 21.0

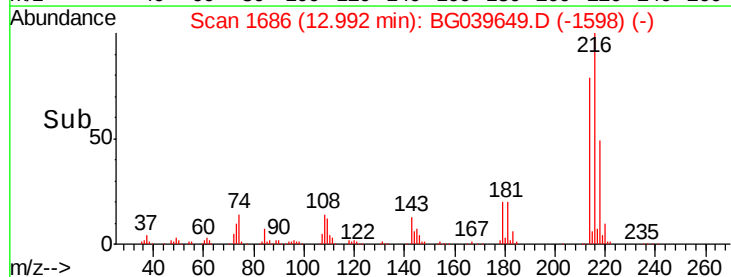
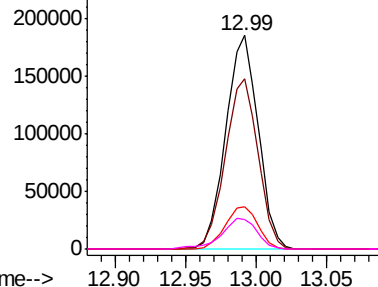


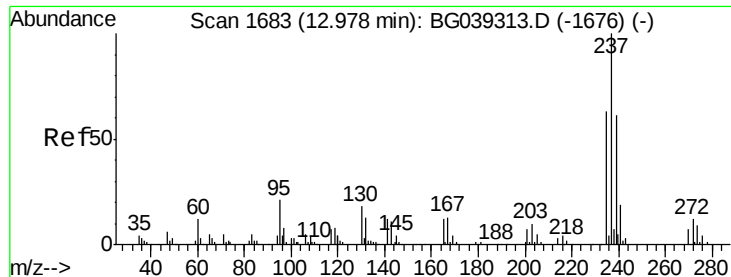
Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.271 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

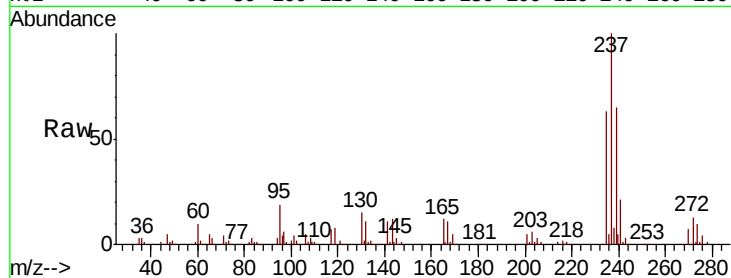
Tot Ion:237 Resp: 158700

Ion Ratio Lower Upper

237 100

235 62.8 43.3 83.3

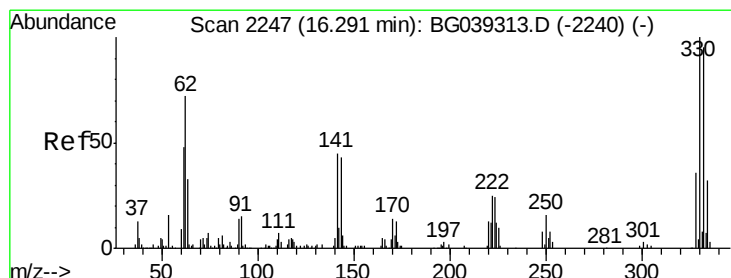
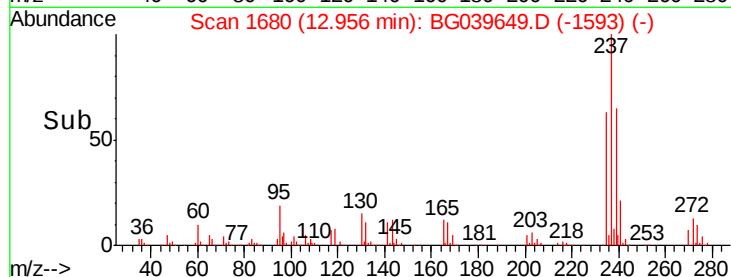
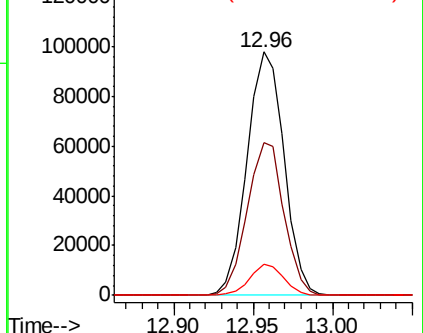
272 12.6 0.0 32.3



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: 82.495 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

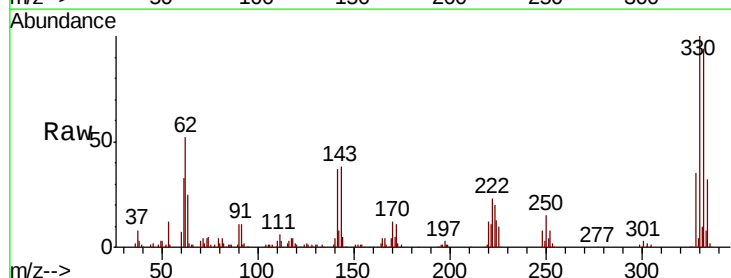
Tgt Ion:330 Resp: 187918

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

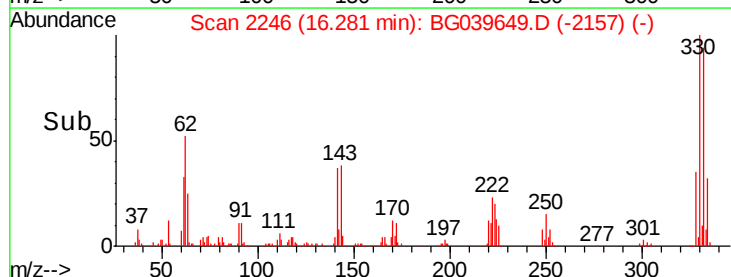
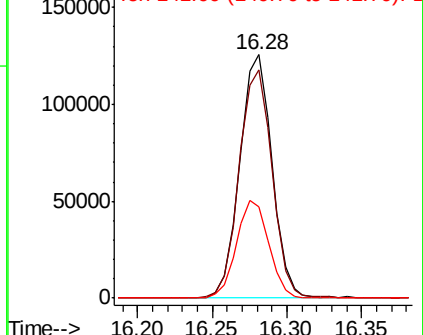
141 40.6 35.6 53.4

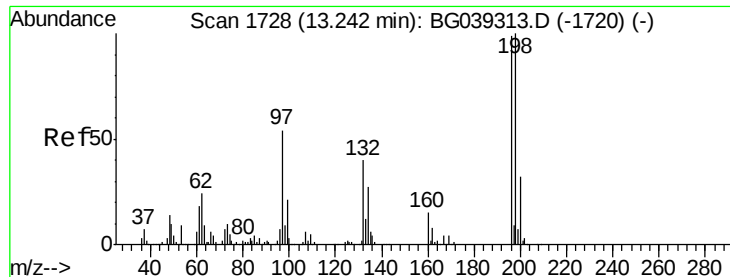


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

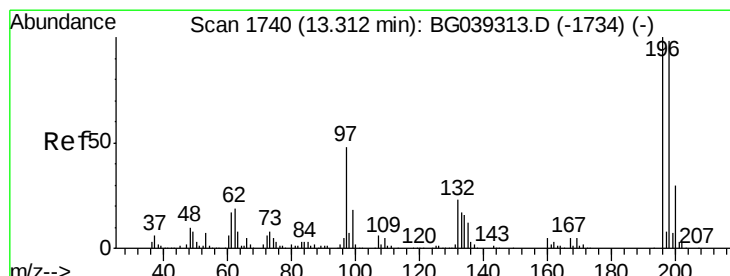
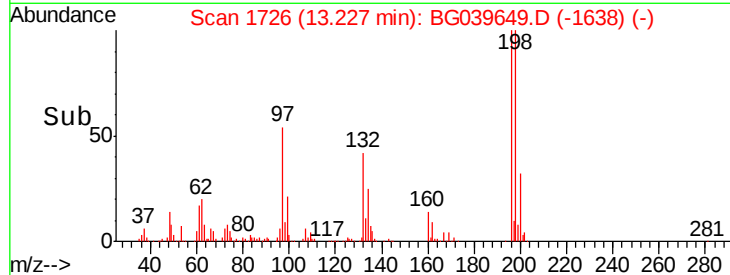
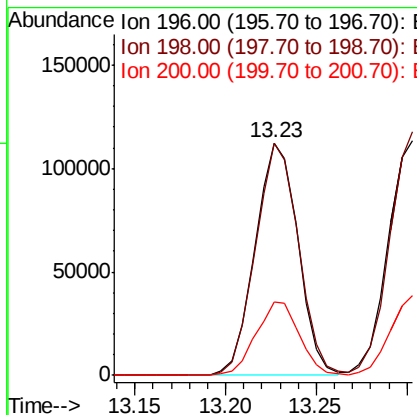
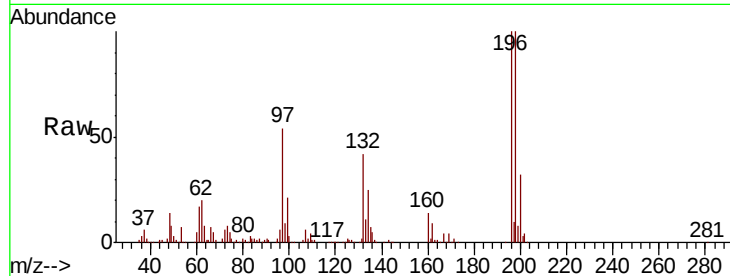




#43
 2,4,6-Trichlorophenol
 Concen: 44.554 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

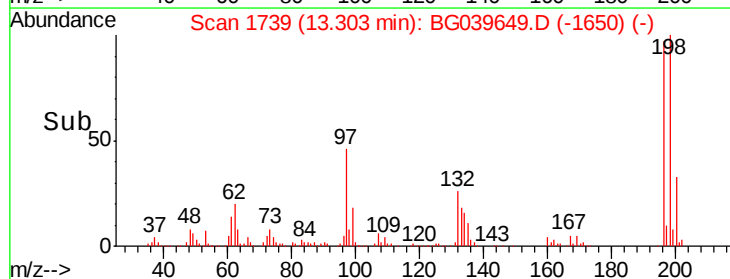
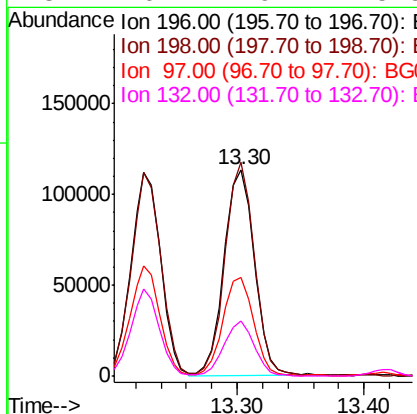
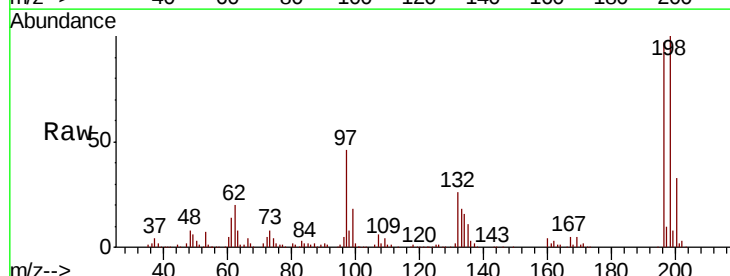
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

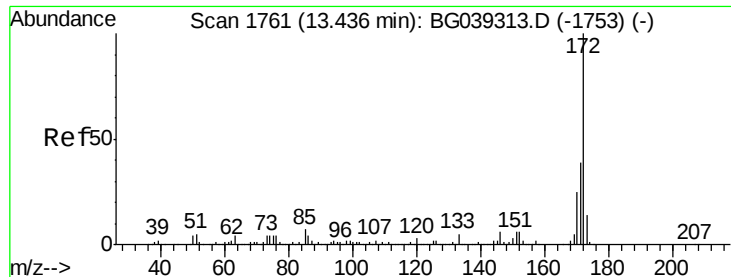
Tot Ion:196 Resp: 184380
 Ion Ratio Lower Upper
 196 100
 198 99.6 80.6 121.0
 200 31.6 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.566 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

Tgt Ion:196 Resp: 188961
 Ion Ratio Lower Upper
 196 100
 198 103.5 78.5 117.7
 97 48.1 38.4 57.6
 132 26.4 19.2 28.8



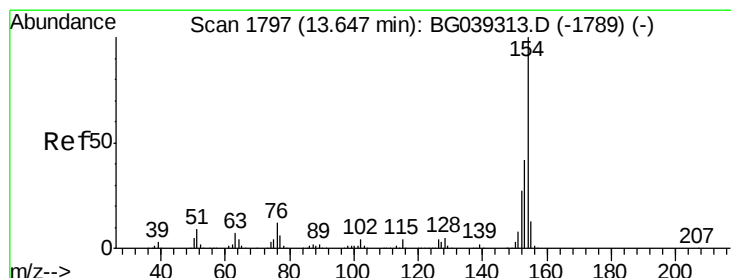
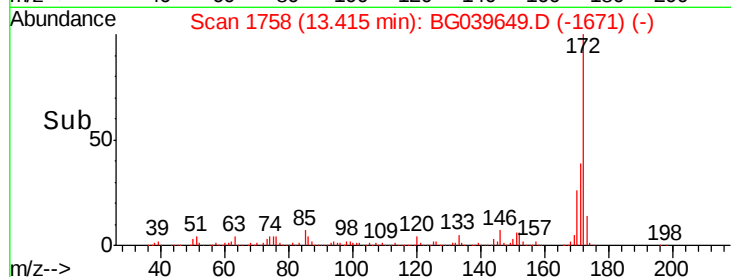
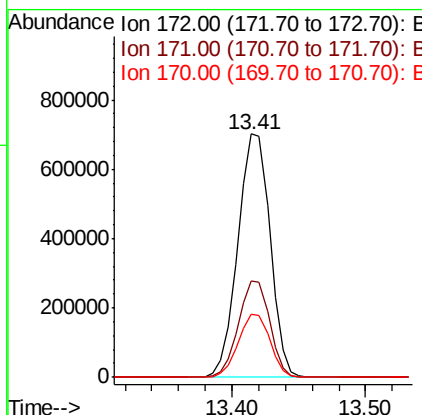
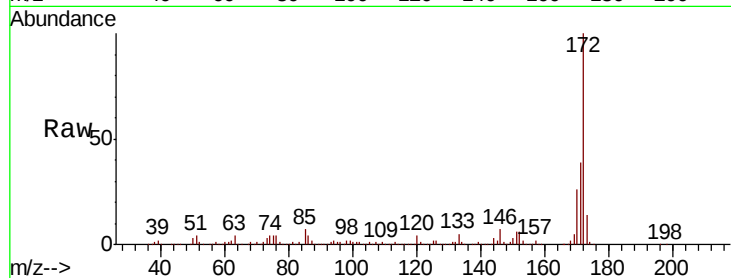


#45
 2-Fluorobiphenyl
 Concen: 79.260 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 1168787

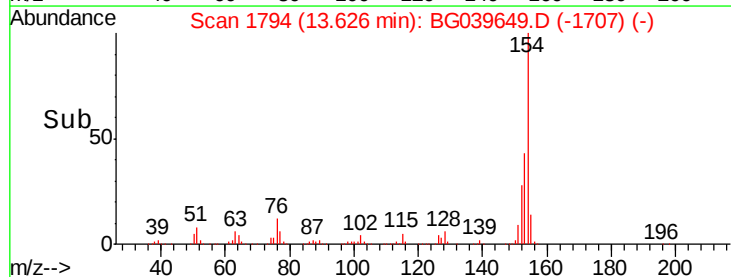
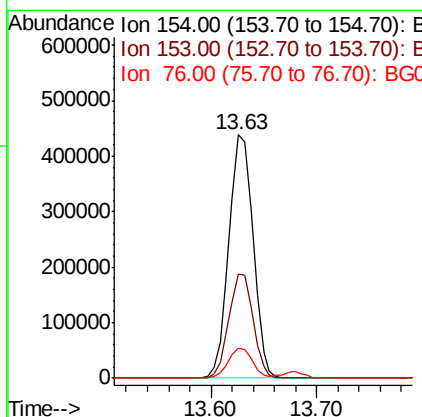
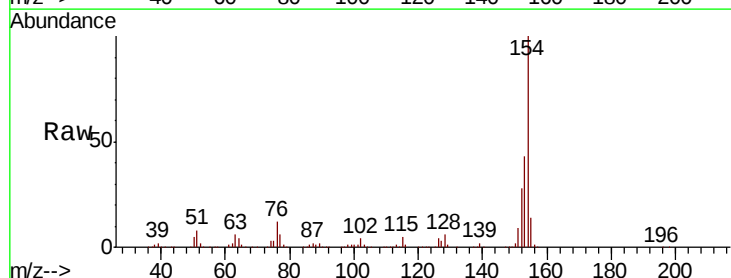
Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.8	46.2
170	25.8	20.2	30.4

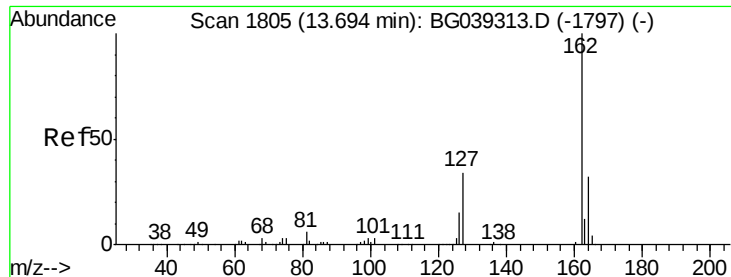


#46
 1,1'-Biphenyl
 Concen: 39.286 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

Tgt Ion:154 Resp: 691457

Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	12.4	0.0	32.4

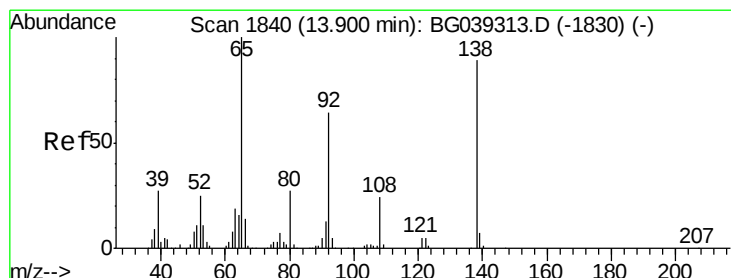
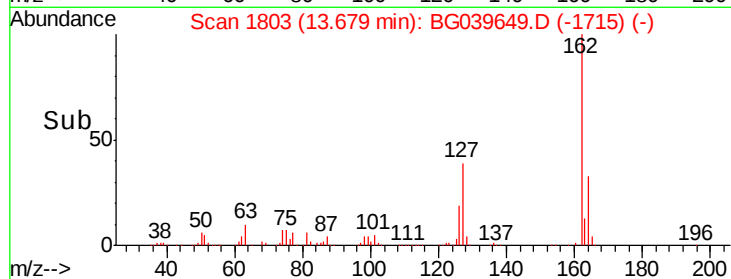
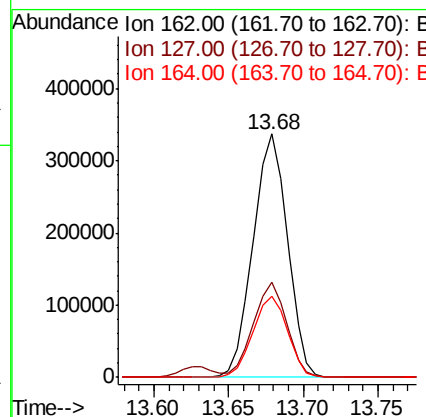
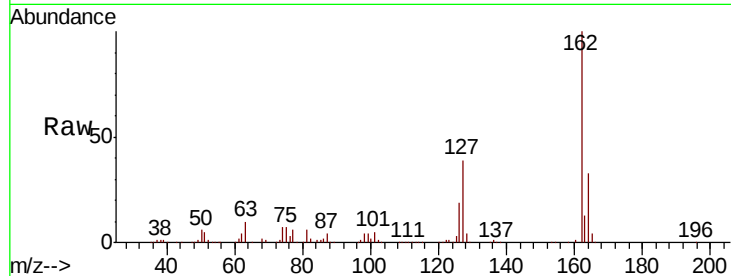




#47
2-Chloronaphthalene
Concen: 40.550 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

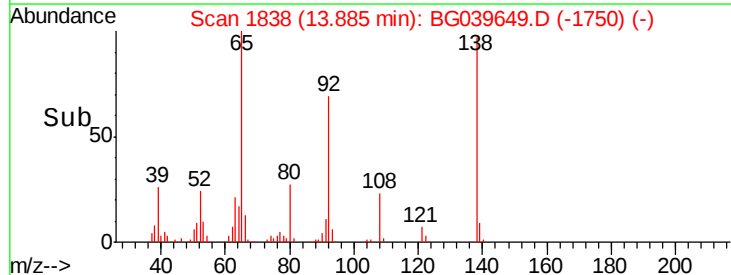
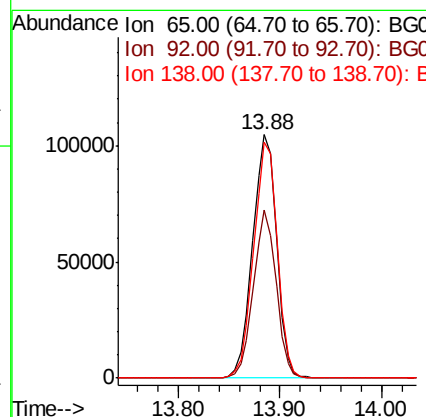
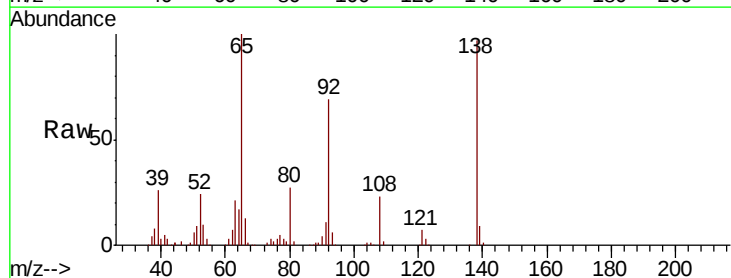
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

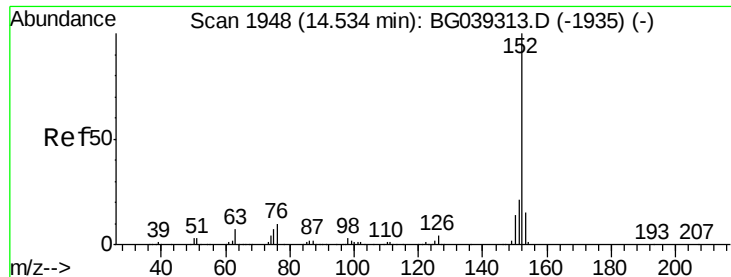
Tot Ion:162 Resp: 536914
Ion Ratio Lower Upper
162 100
127 38.8 31.0 46.6
164 33.3 25.7 38.5



#48
2-Nitroaniline
Concen: 45.708 ng
RT: 13.88 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion: 65 Resp: 172032
Ion Ratio Lower Upper
65 100
92 68.8 51.4 77.2
138 96.7 71.4 107.2





#49

Acenaphthylene

Concen: 38.833 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

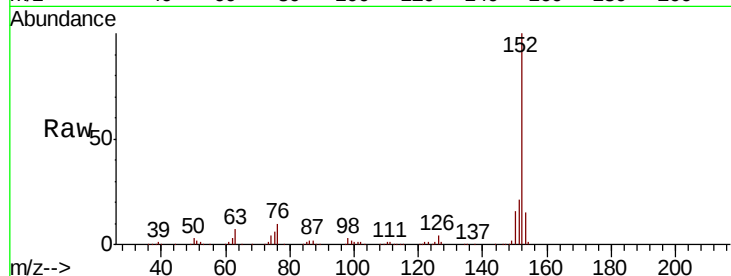
Tot Ion:152 Resp: 775842

Ion Ratio Lower Upper

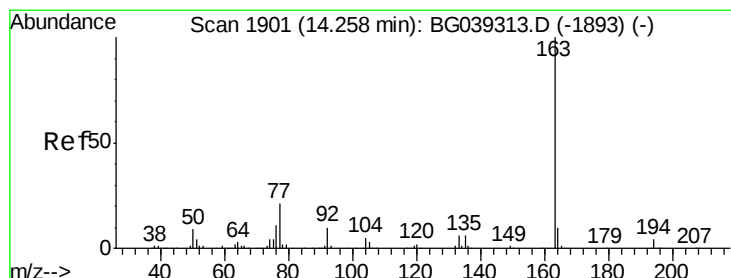
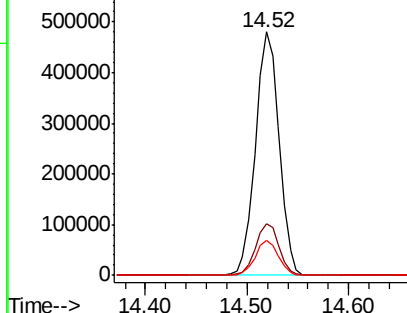
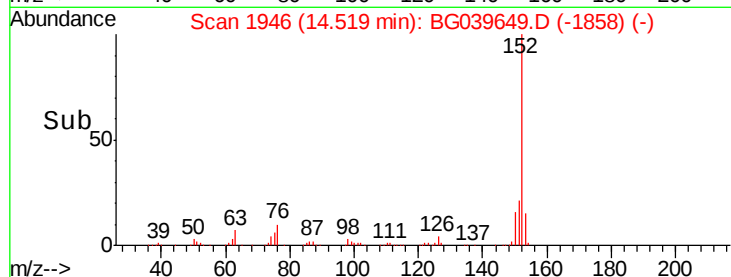
152 100

151 21.0 16.8 25.2

153 14.6 11.7 17.5



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: 37.184 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

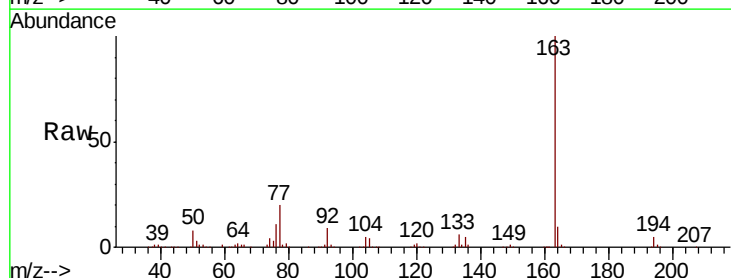
Tgt Ion:163 Resp: 635280

Ion Ratio Lower Upper

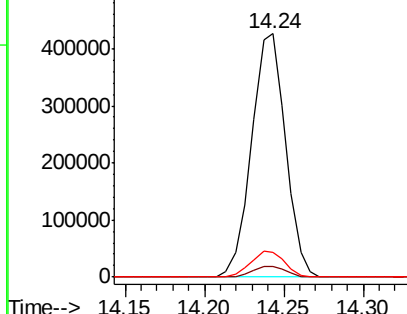
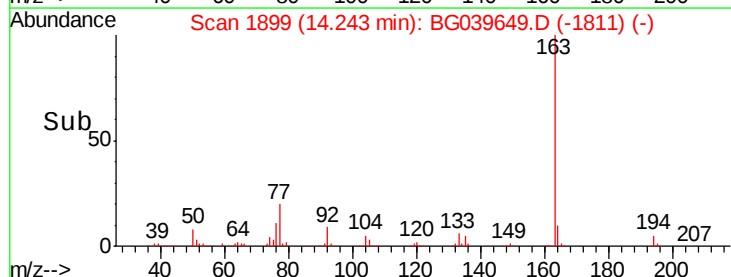
163 100

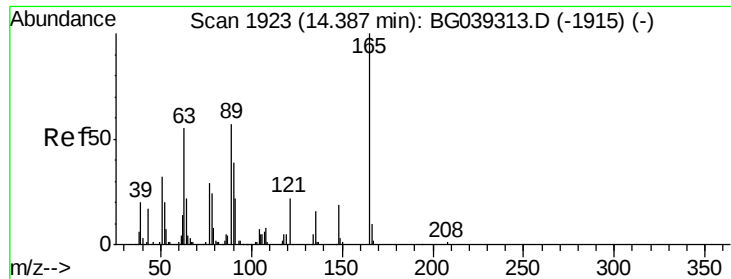
194 4.6 3.6 5.4

164 10.1 8.4 12.6



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

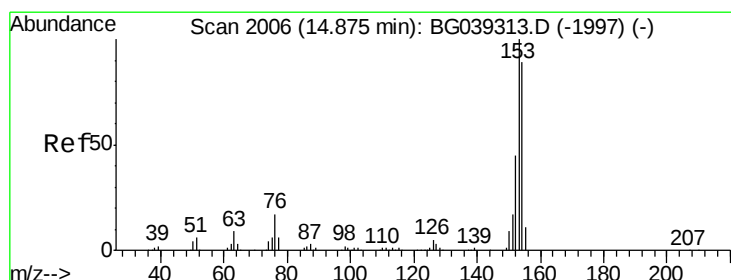
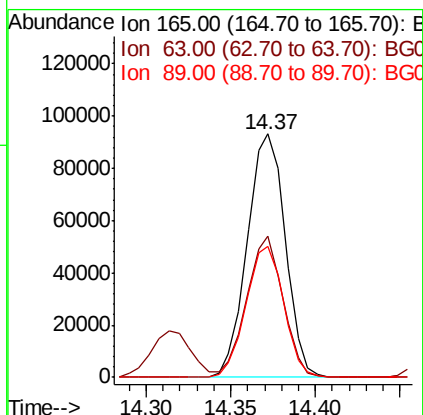
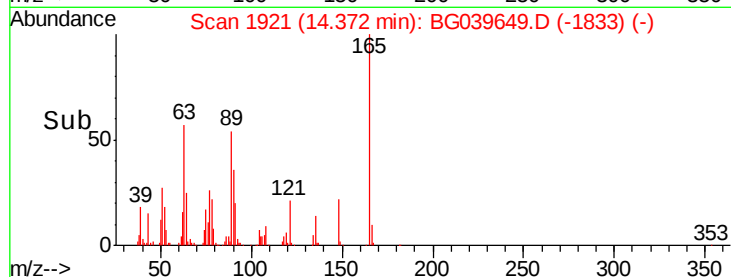
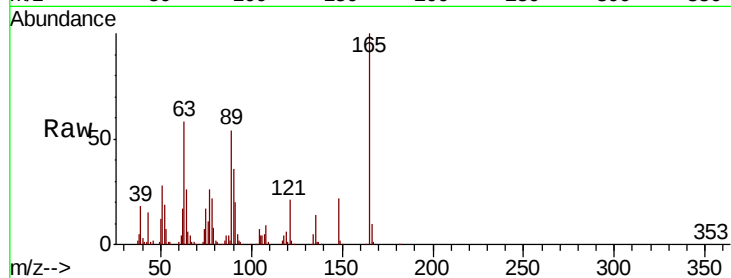




#51
 2,6-Dinitrotoluene
 Concen: 45.962 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

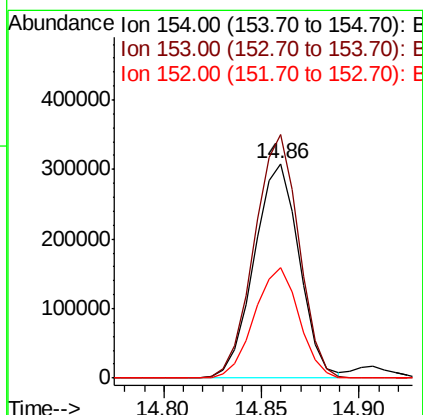
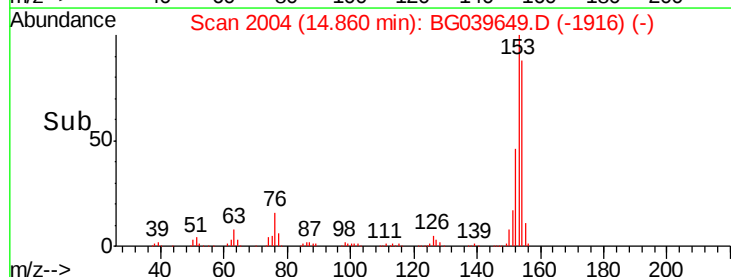
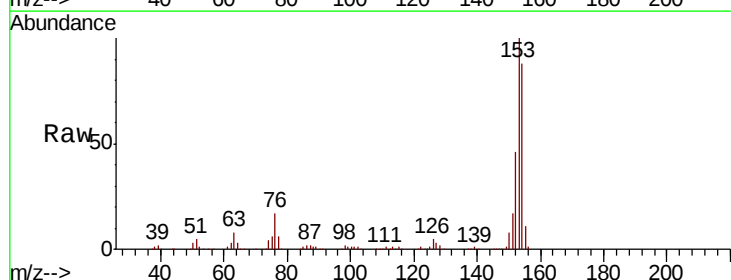
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

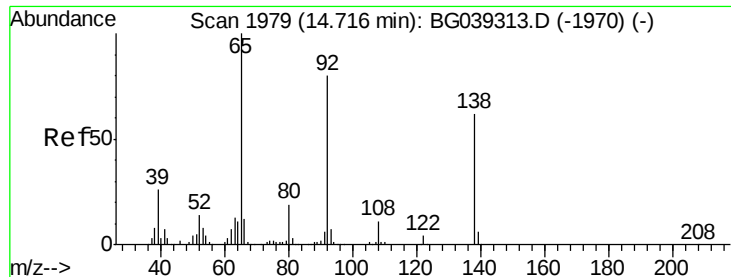
Tot Ion:165 Resp: 145732
 Ion Ratio Lower Upper
 165 100
 63 57.9 47.0 70.6
 89 54.0 45.8 68.8



#52
 Acenaphthene
 Concen: 37.987 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

Tgt Ion:154 Resp: 492645
 Ion Ratio Lower Upper
 154 100
 153 113.4 90.1 135.1
 152 51.7 40.9 61.3

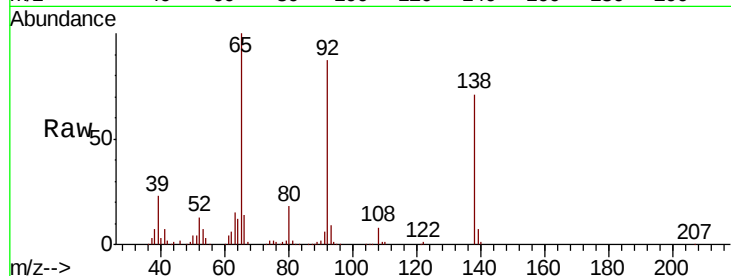




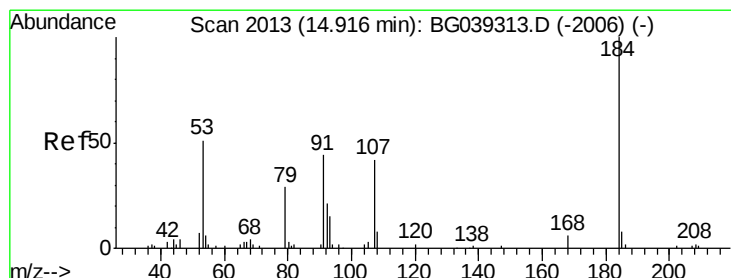
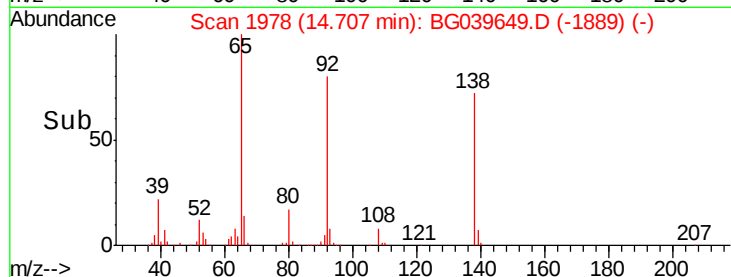
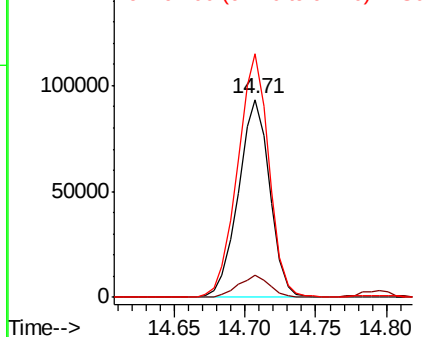
#53
3-Nitroaniline
Concen: 42.809 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 145038
Ion Ratio Lower Upper
138 100
108 11.2 13.8 20.8#
92 123.0 103.7 155.5

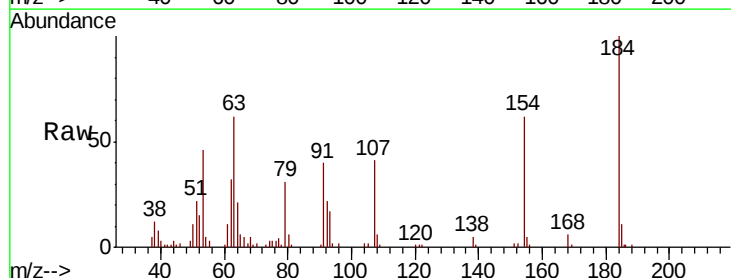


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

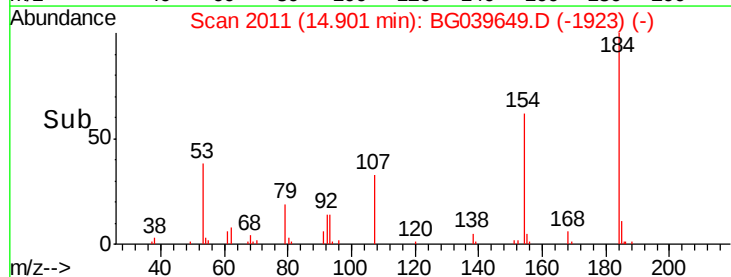
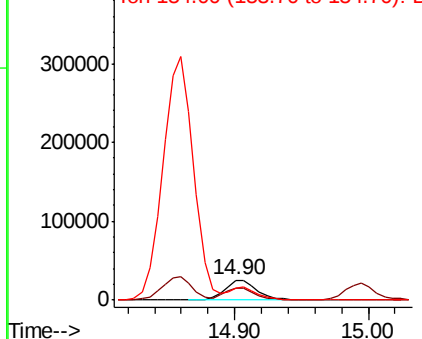


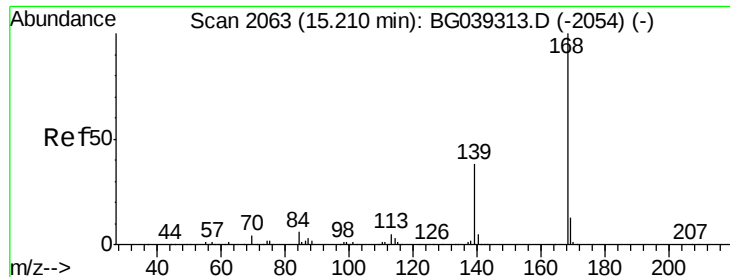
#54
2,4-Dinitrophenol
Concen: 41.037 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion:184 Resp: 43787
Ion Ratio Lower Upper
184 100
63 61.5 50.9 76.3
154 62.4 53.0 79.6



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

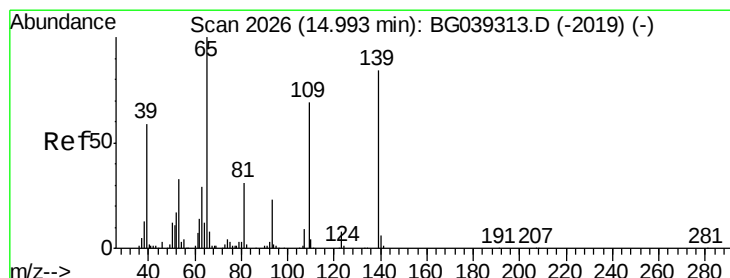
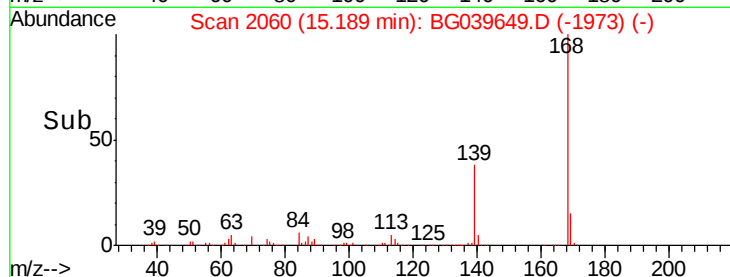
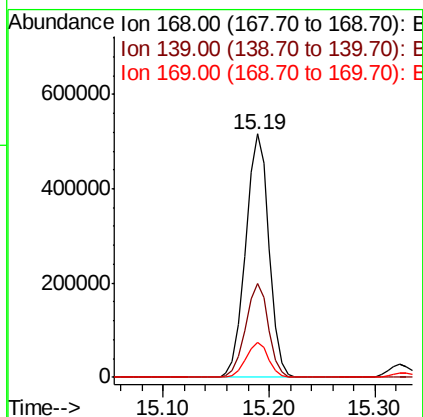
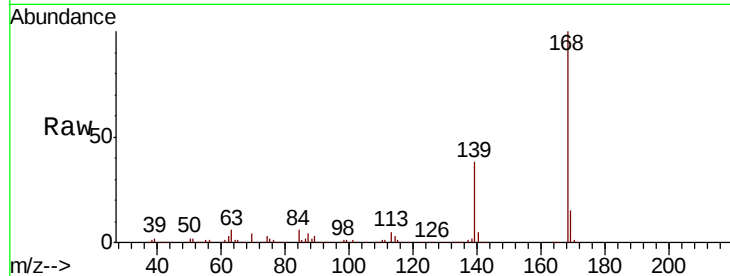




#55
Dibenzenofuran
Concen: 37.970 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

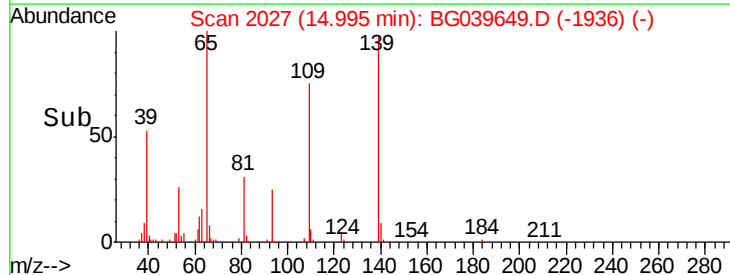
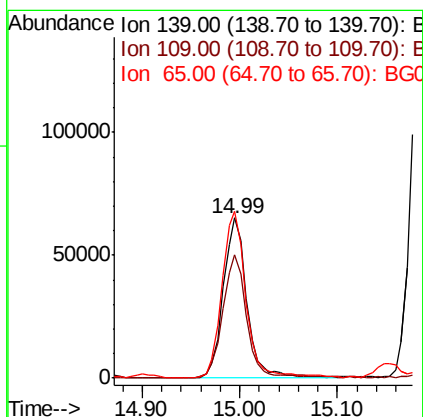
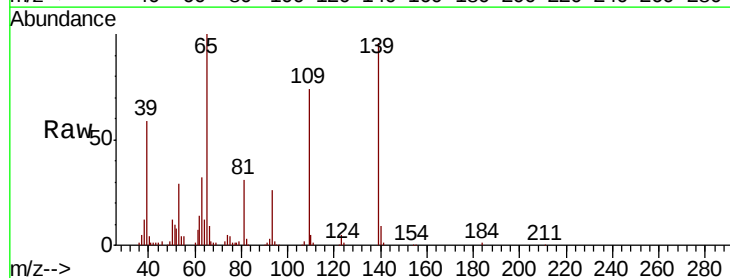
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

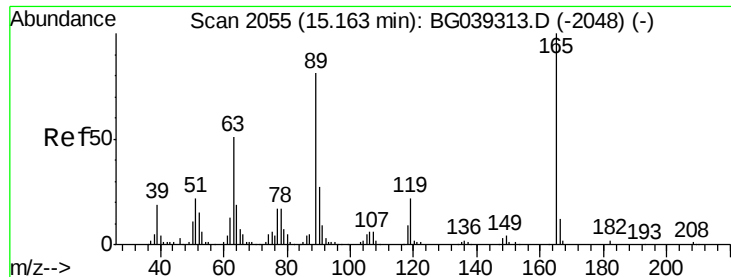
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	14.6	10.6	16.0



#56
4-Nitrophenol
Concen: 38.726 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.4	61.9	101.9
65	104.1	99.1	139.1

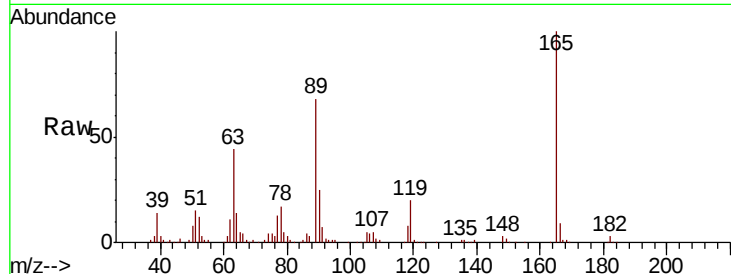




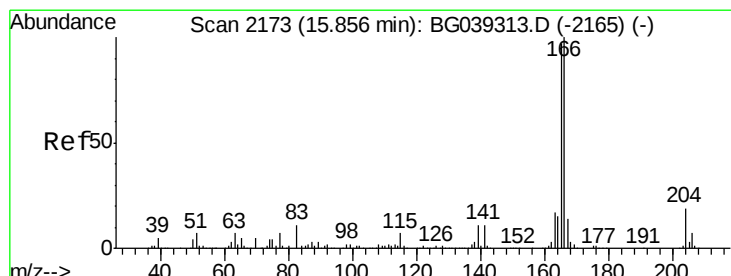
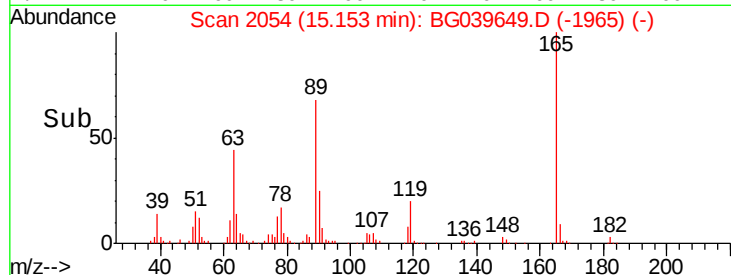
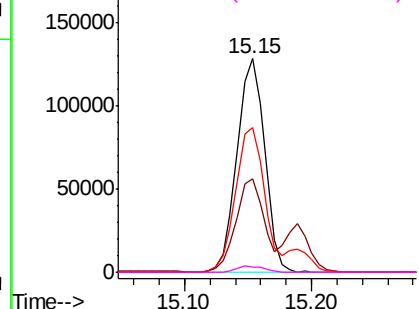
#57
 2,4-Dinitrotoluene
 Concen: 47.377 ng
 RT: 15.15 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	193281
Ion	Ratio	Lower	Upper
165	100		
63	43.7	41.0	61.6
89	67.6	64.6	96.8
182	2.6	2.0	3.0

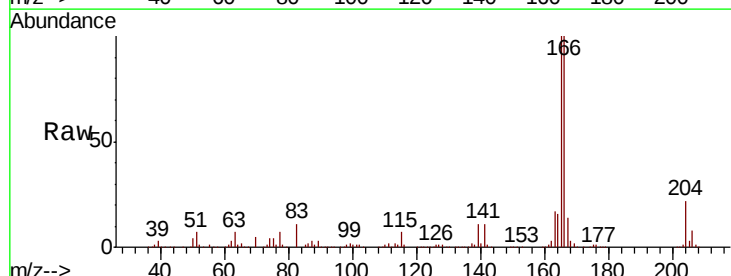


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

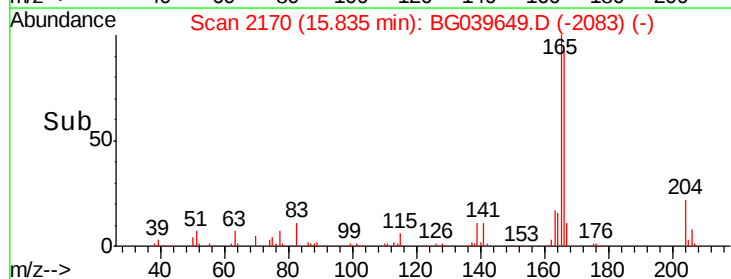
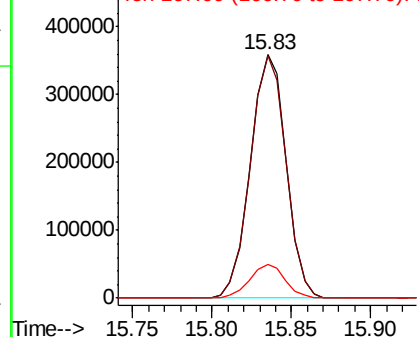


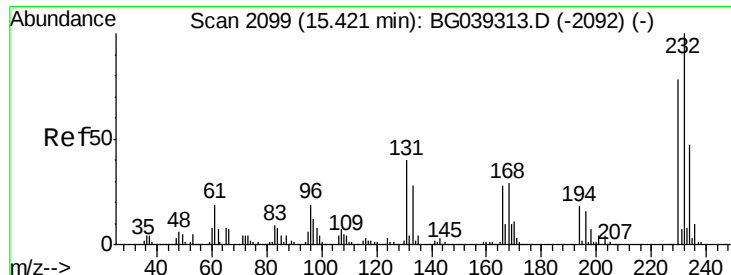
#58
 Fluorene
 Concen: 36.143 ng
 RT: 15.83 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

Tgt Ion:	166	Resp:	560243
Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.9	116.9
167	13.9	10.8	16.2



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

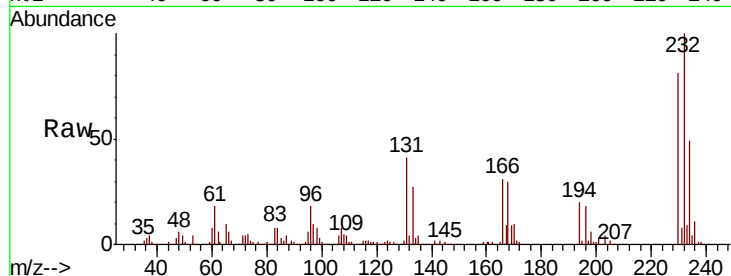




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.674 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:	232	Resp:	165180
Ion	Ratio	Lower	Upper
232	100		
131	40.9	34.9	52.3
130	2.2	2.0	3.0
166	29.7	24.1	36.1



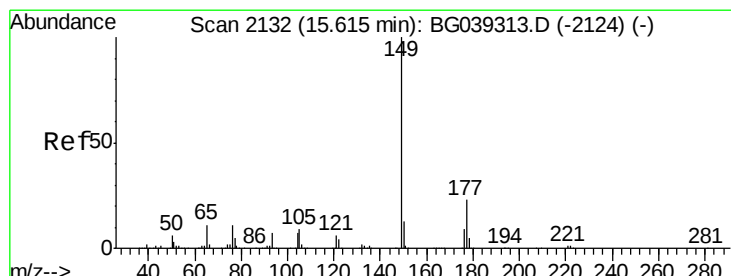
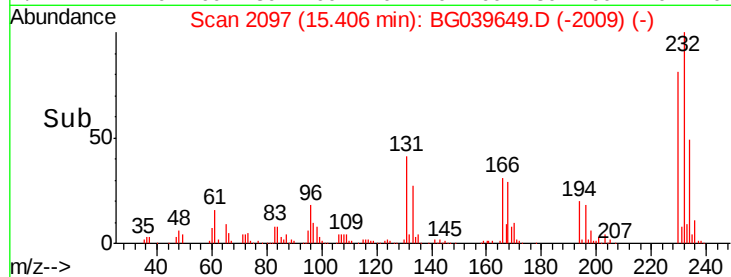
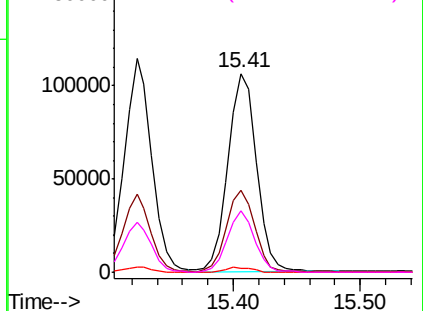
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

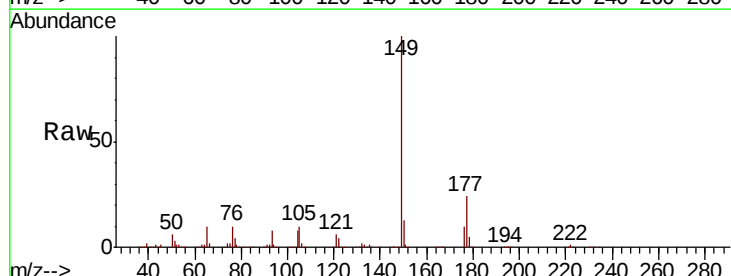
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 34.638 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

Tgt Ion:	149	Resp:	611858
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.3	27.5
150	13.2	10.2	15.2

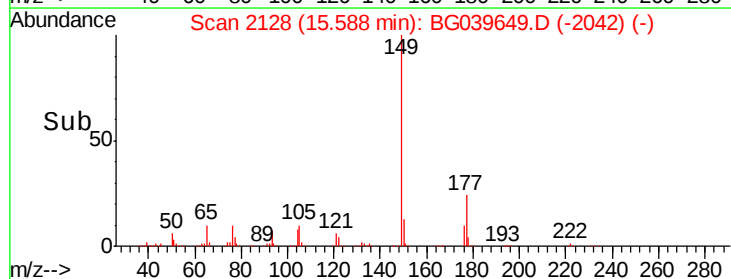
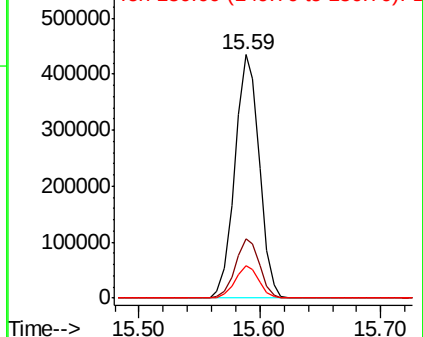


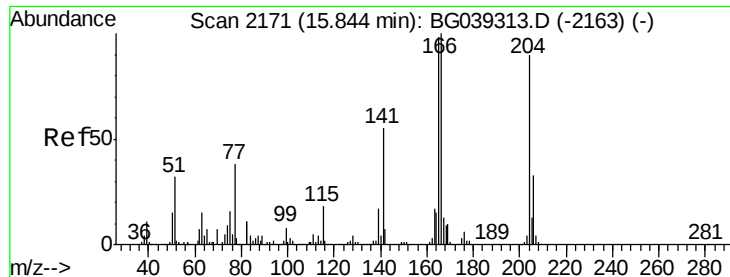
Abundance

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

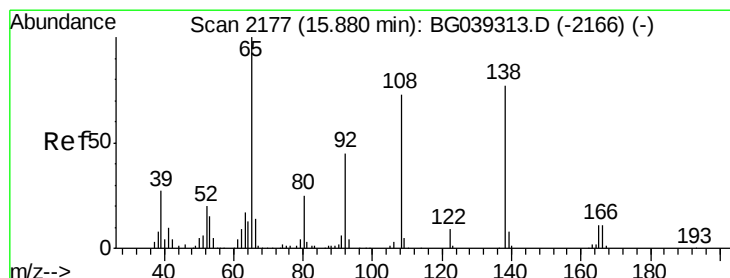
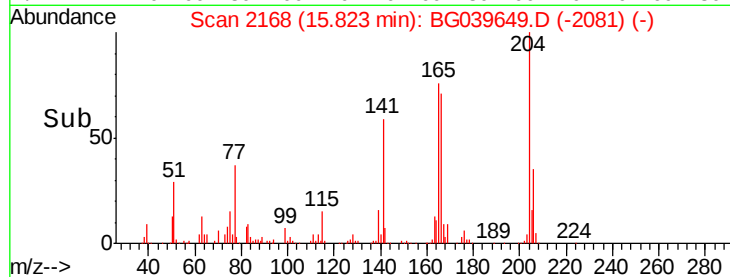
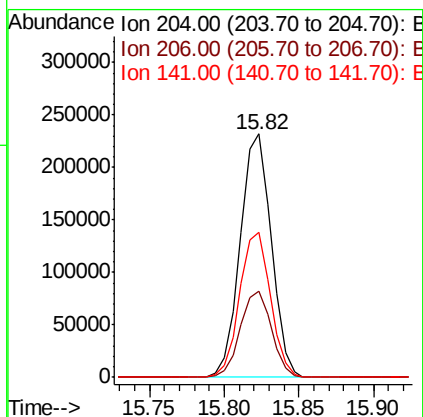
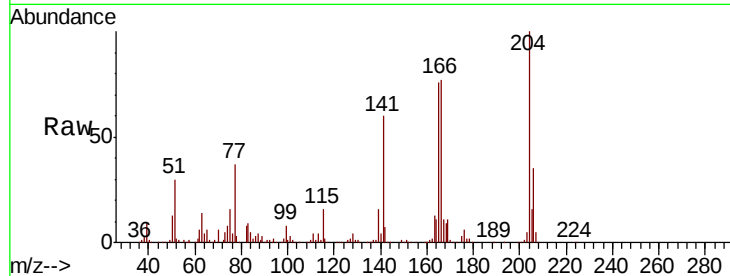




#61
4-Chlorophenyl-phenylether
Concen: 38.088 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

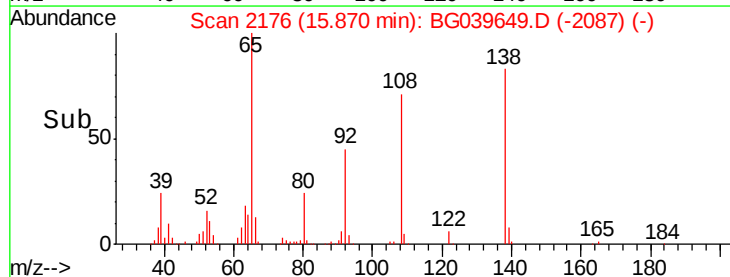
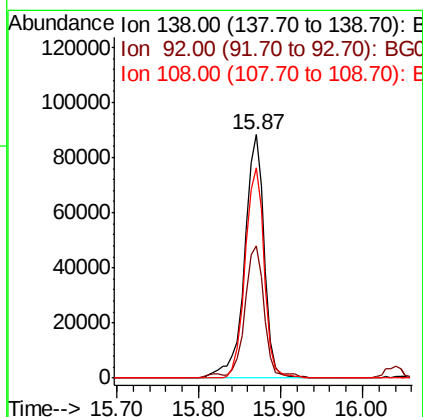
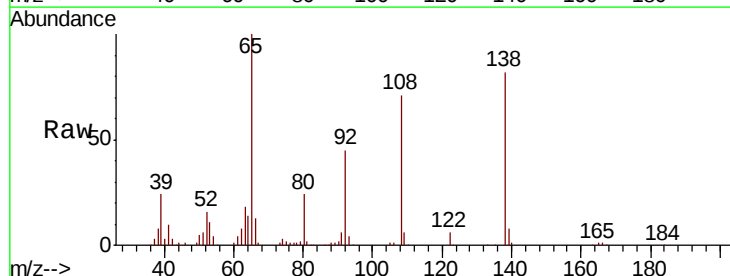
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

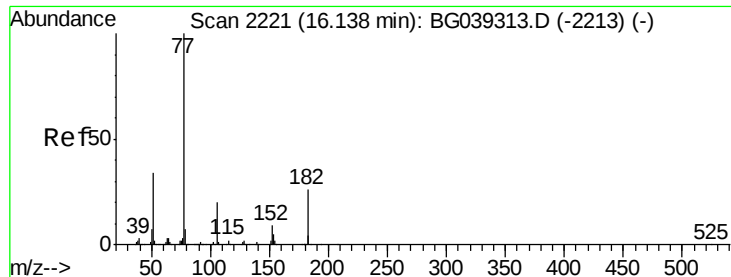
Tot Ion:204 Resp: 334296
Ion Ratio Lower Upper
204 100
206 35.2 29.2 43.8
141 59.5 49.0 73.4



#62
4-Nitroaniline
Concen: 41.761 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion:138 Resp: 147470
Ion Ratio Lower Upper
138 100
92 54.5 38.7 78.7
108 86.2 74.6 114.6

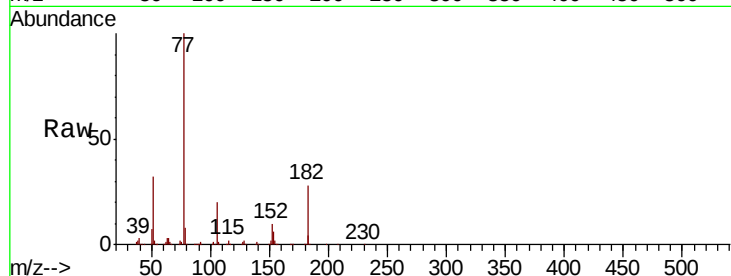




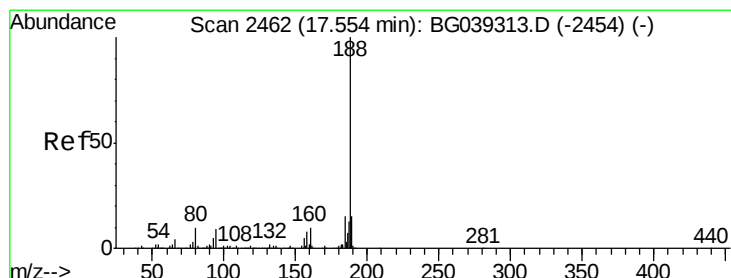
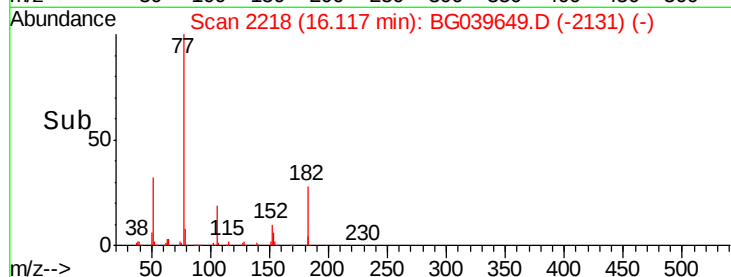
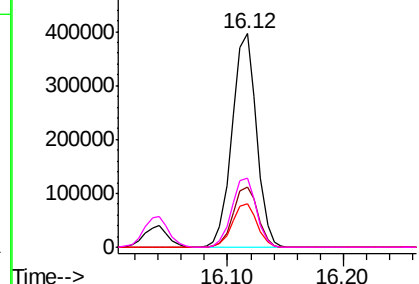
#63
Azobenzene
Concen: 33.513 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	578613
Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.4	46.4
105	20.5	0.0	39.8
51	32.4	14.1	54.1

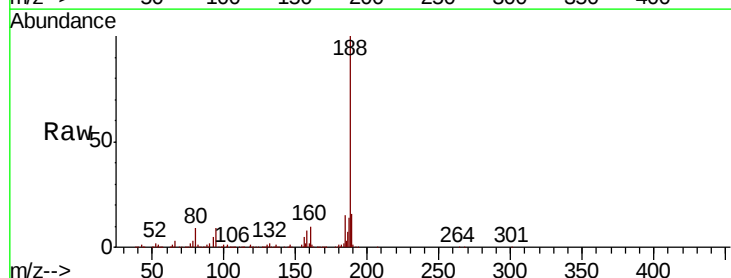


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

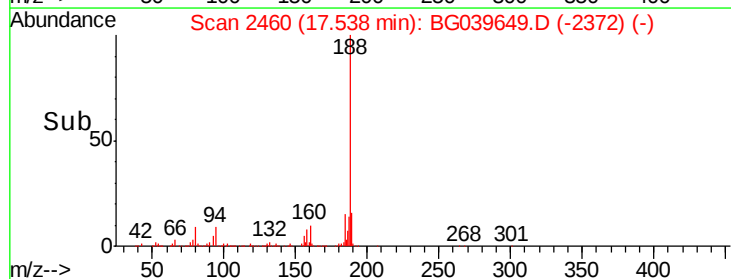
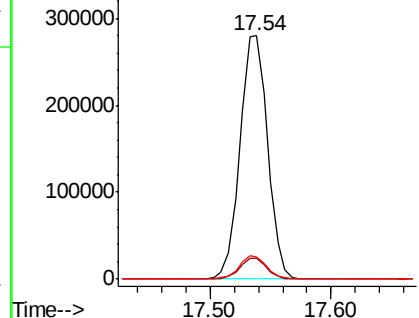


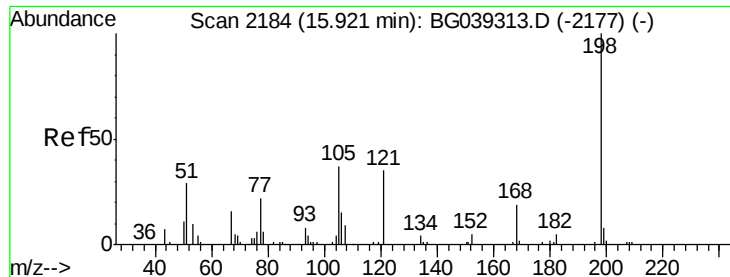
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion:	188	Resp:	447152
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.4	8.1	12.1



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: 54.502 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

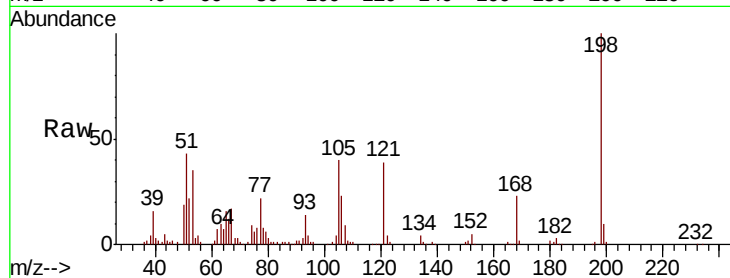
Tot Ion:198 Resp: 101237

Ion Ratio Lower Upper

198 100

51 43.0 27.4 67.4

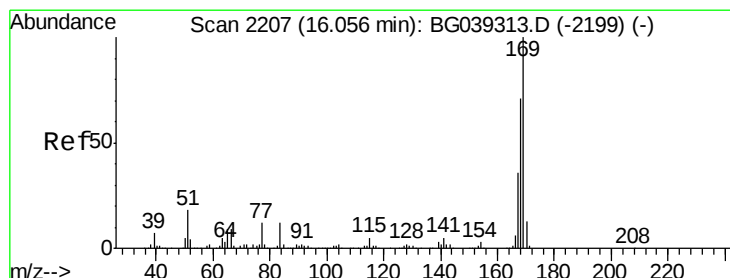
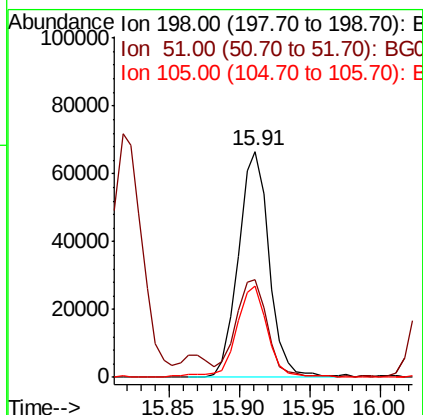
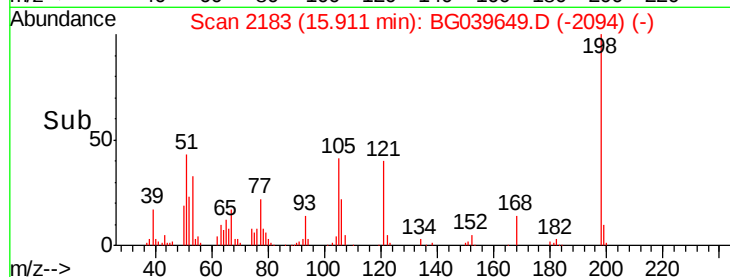
105 40.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.246 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

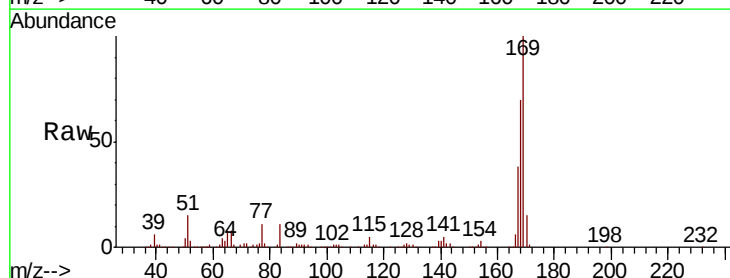
Tgt Ion:169 Resp: 547196

Ion Ratio Lower Upper

169 100

168 69.8 56.6 85.0

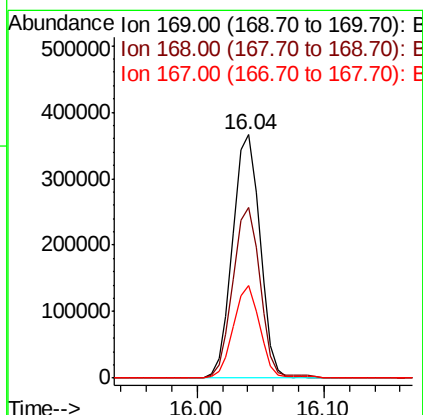
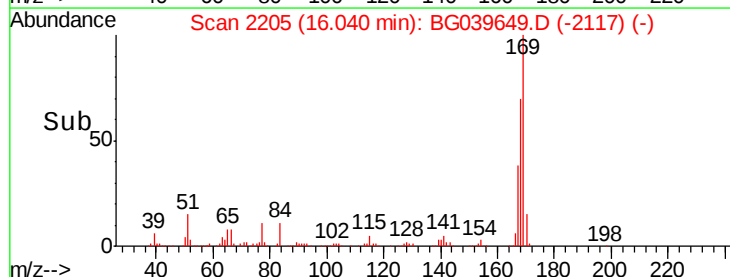
167 37.9 28.8 43.2

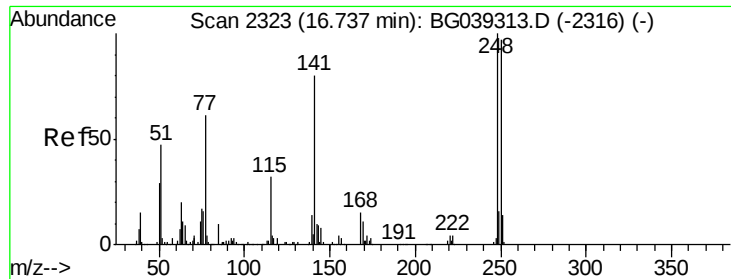


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

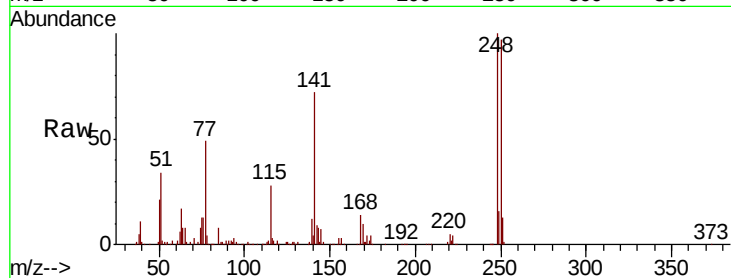




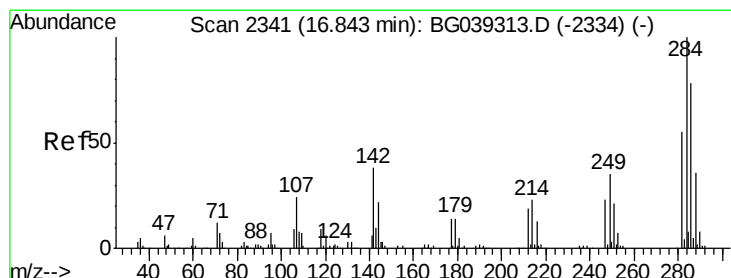
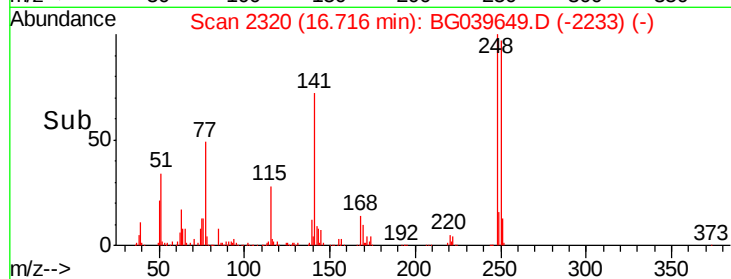
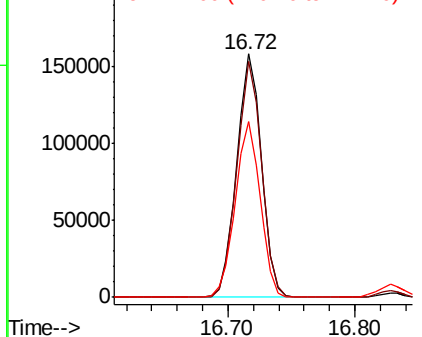
#67
4-Bromophenyl-phenylether
Concen: 42.936 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 212990
Ion Ratio Lower Upper
248 100
250 97.1 77.6 116.4
141 72.5 63.9 95.9

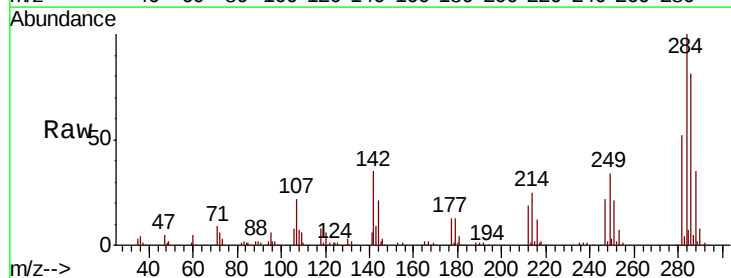


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

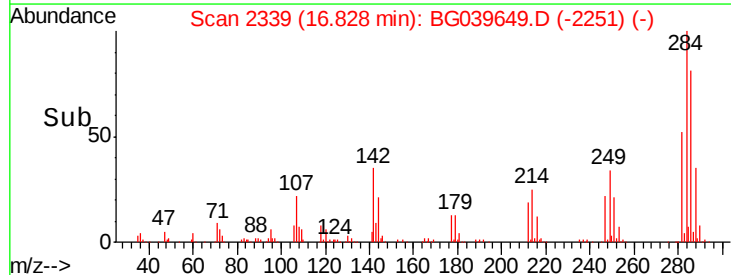
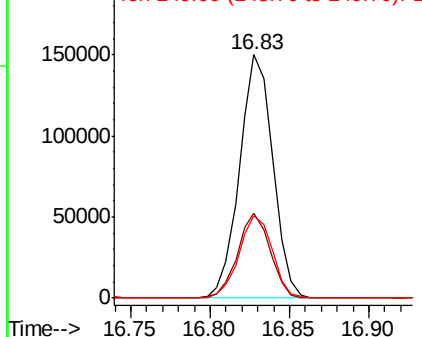


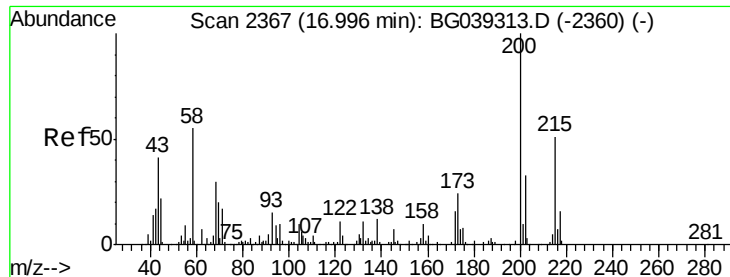
#68
Hexachlorobenzene
Concen: 43.902 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion:284 Resp: 218501
Ion Ratio Lower Upper
284 100
142 34.7 30.6 45.8
249 33.9 28.2 42.2



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: 31.967 ng

RT: 16.97 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

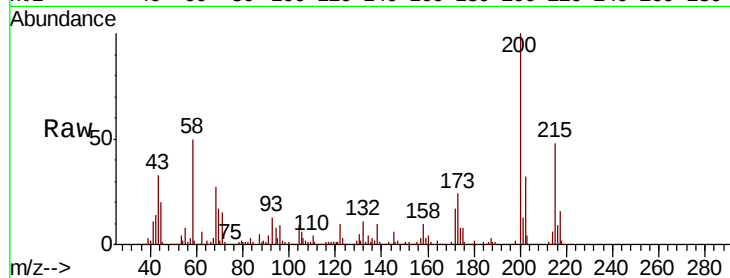
Tot Ion:200 Resp: 158831

Ion Ratio Lower Upper

200 100

173 24.1 3.9 43.9

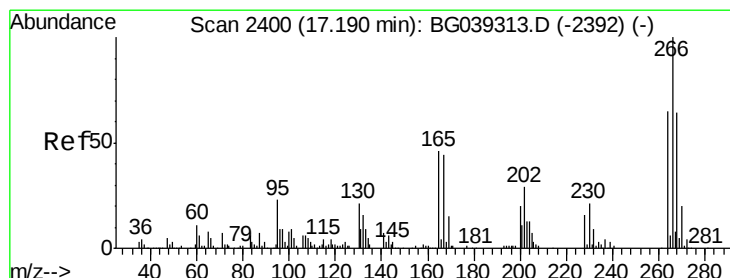
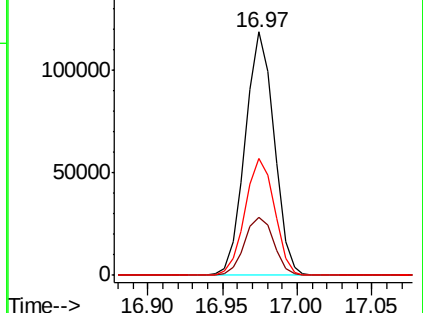
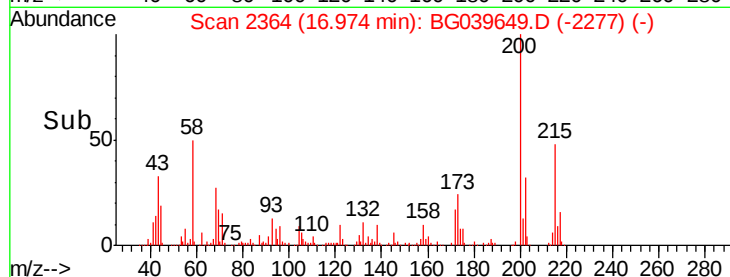
215 48.1 30.9 70.9



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: 38.149 ng

RT: 17.17 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

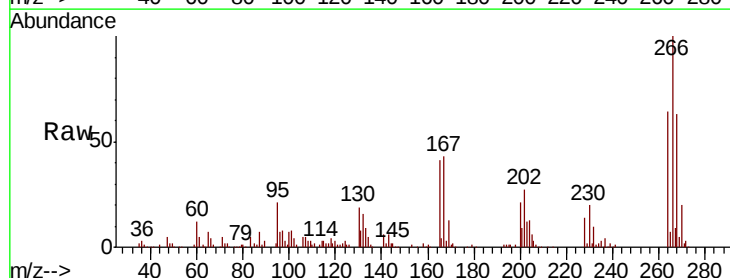
Tgt Ion:266 Resp: 131963

Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

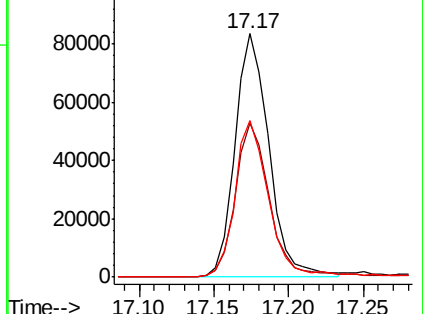
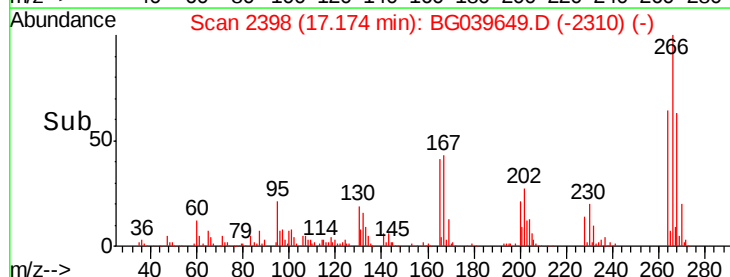
264 64.2 52.1 78.1

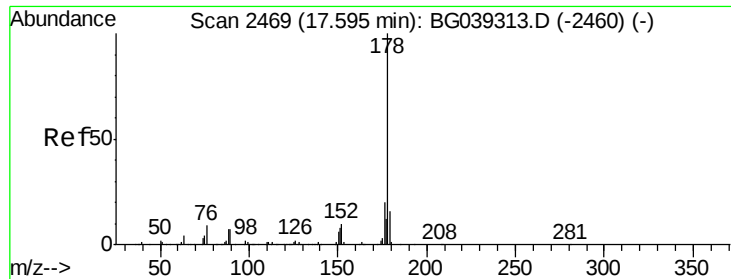


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

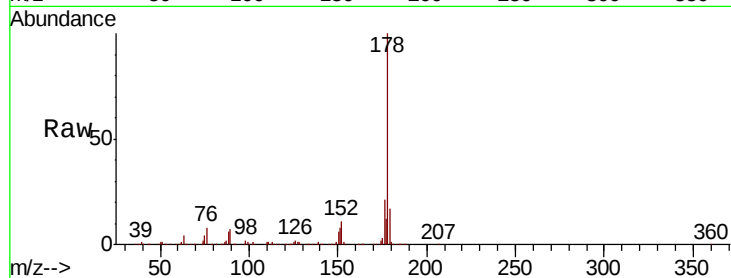




#71
Phenanthrene
Concen: 38.452 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	178	Resp	889899
Ion Ratio	100	Lower	Upper
176	20.7	16.2	24.4
179	16.7	12.6	19.0

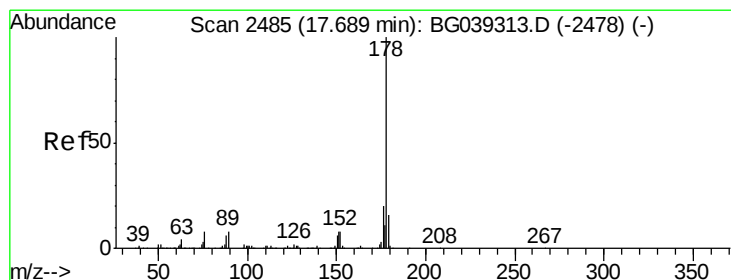
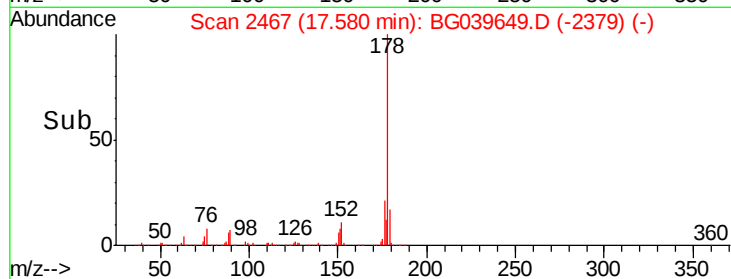
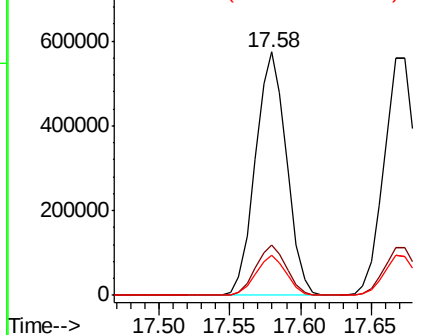


Abundance

Ion 178.00 (177.70 to 178.70): E

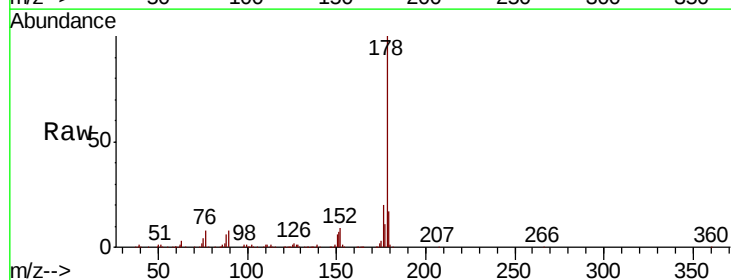
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 38.661 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.02 min
Lab File: BG039649.D
Acq: 28 Feb 2019 1:14

Tgt Ion	178	Resp	881312
Ion Ratio	100	Lower	Upper
176	20.3	15.8	23.6
179	16.5	12.5	18.7

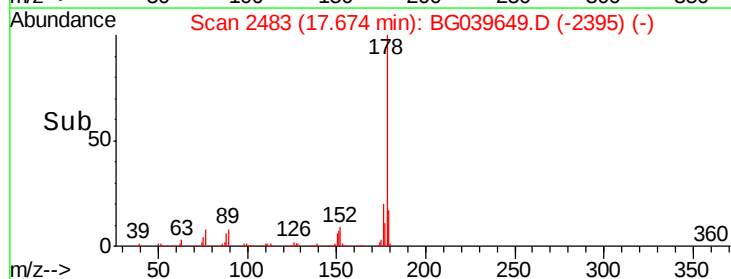
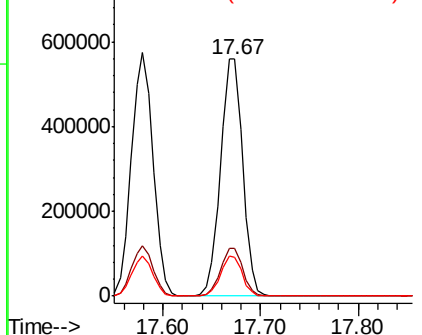


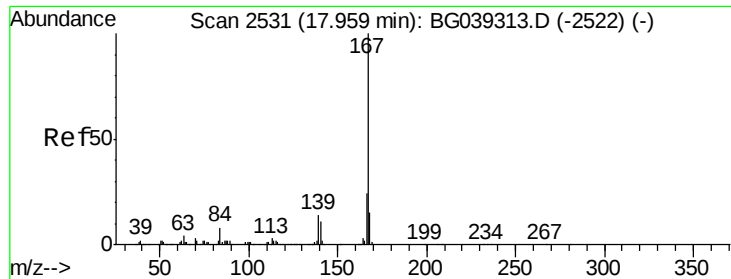
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

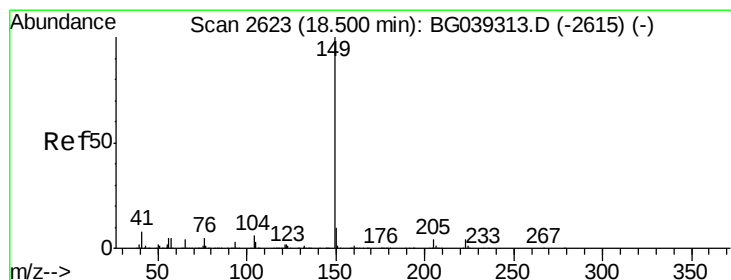
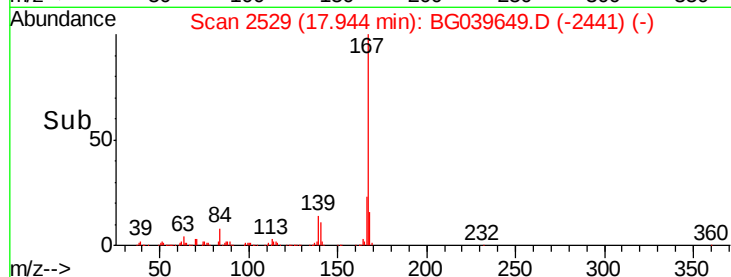
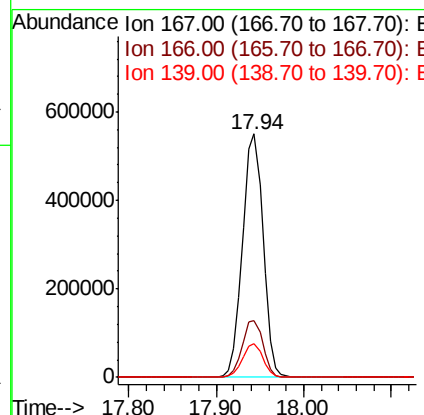
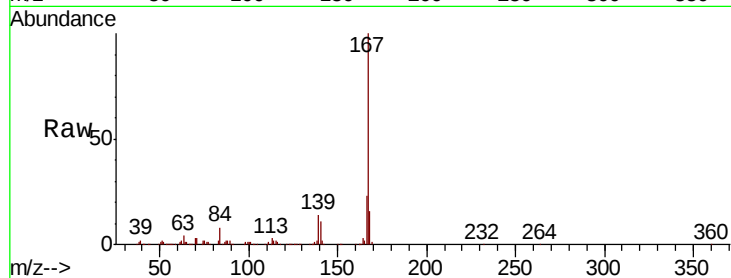




#73
 Carbazole
 Concen: 38.150 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.02 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

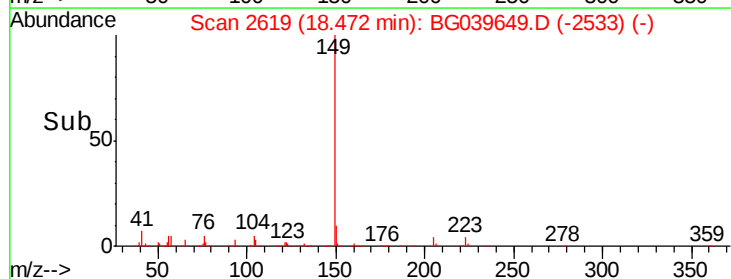
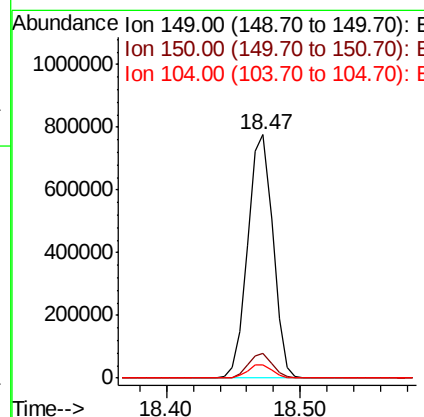
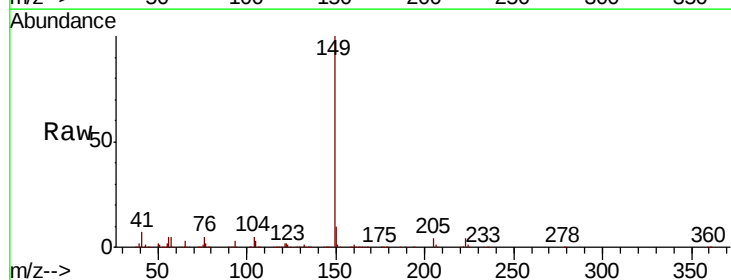
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

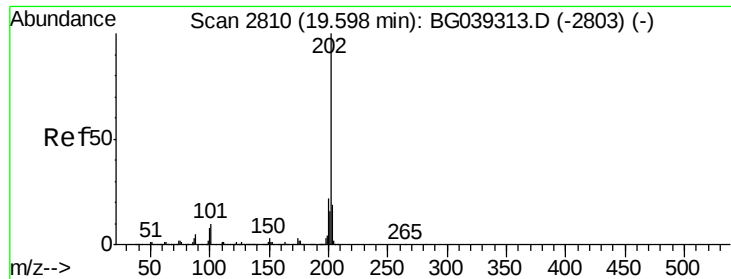
Tot Ion:167 Resp: 867932
 Ion Ratio Lower Upper
 167 100
 166 23.1 19.4 29.2
 139 14.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.848 ng
 RT: 18.47 min Scan# 2619
 Delta R.T. -0.03 min
 Lab File: BG039649.D
 Acq: 28 Feb 2019 1:14

Tgt Ion:149 Resp: 1004533
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 40.176 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

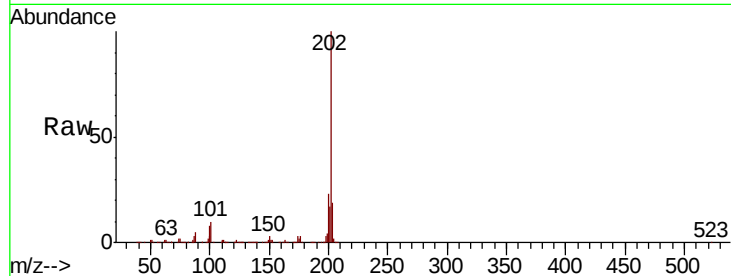
Tot Ion:202 Resp: 1079214

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.0

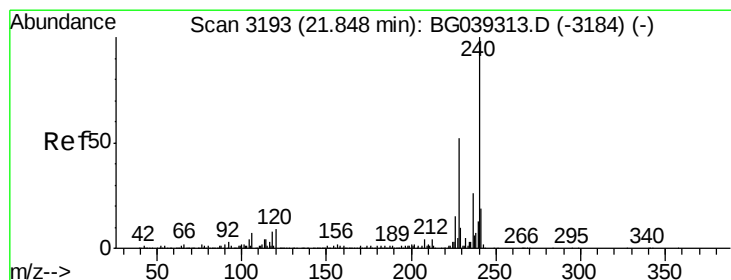
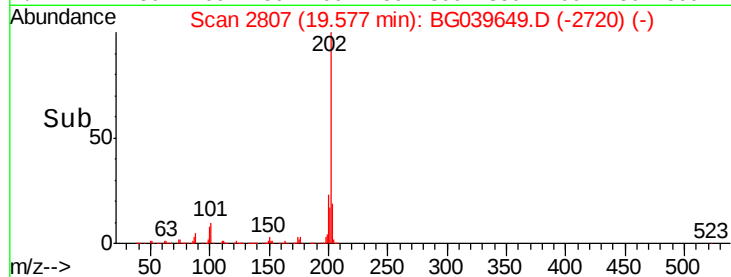
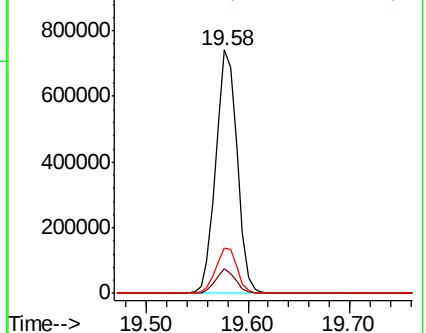
203 18.8 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

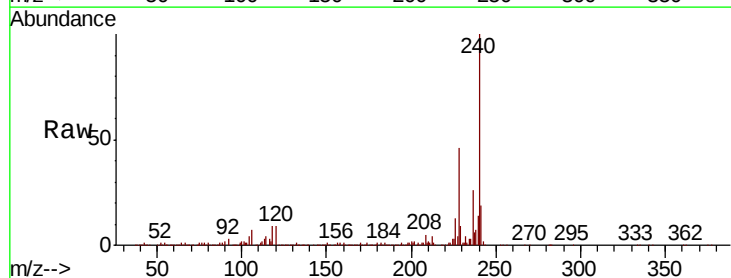
Tgt Ion:240 Resp: 480180

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

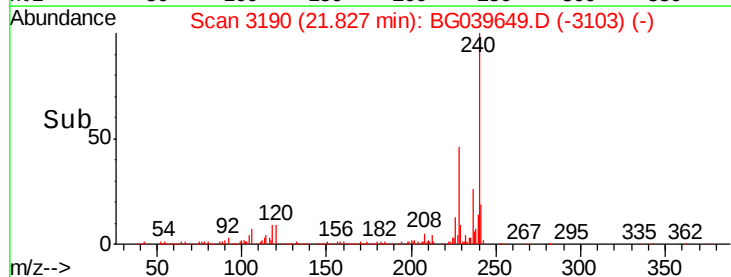
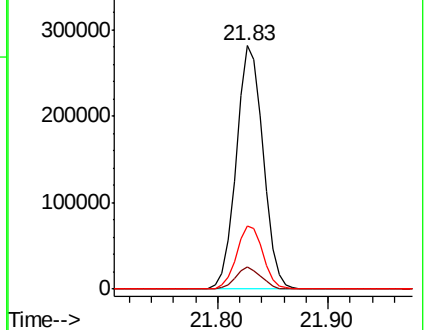
236 26.1 21.0 31.4

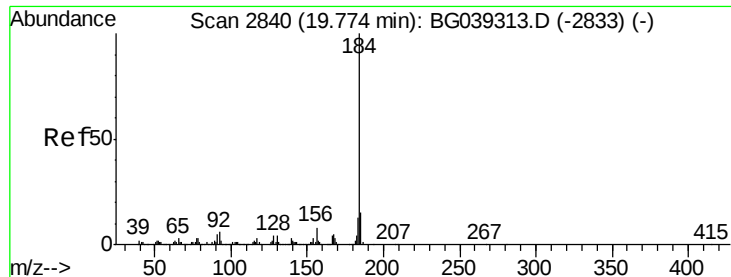


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.621 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

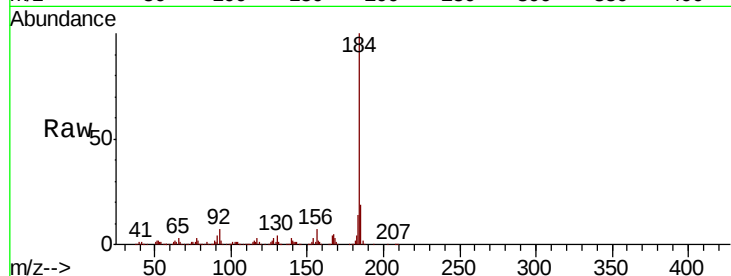
Tot Ion:184 Resp: 497805

Ion Ratio Lower Upper

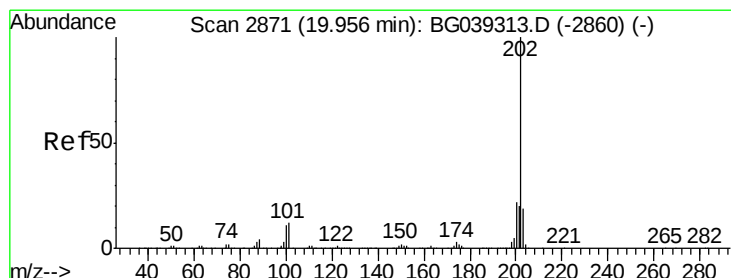
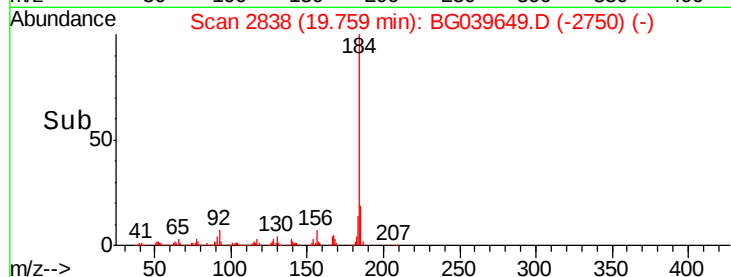
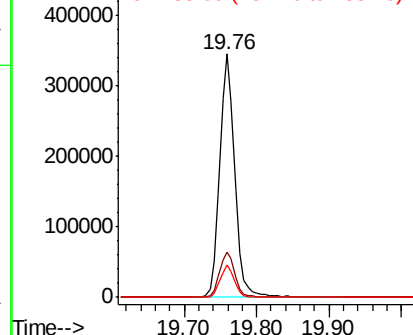
184 100

185 18.7 12.2 18.2#

183 13.5 10.6 15.8



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: 36.811 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

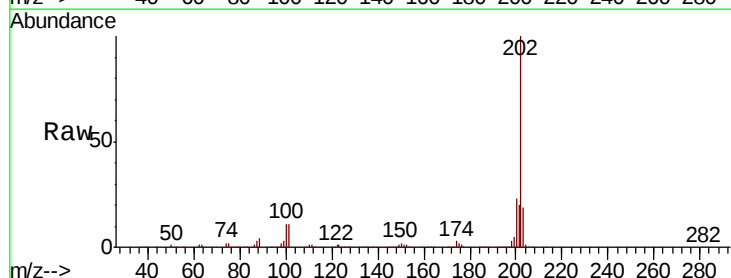
Tgt Ion:202 Resp: 1100364

Ion Ratio Lower Upper

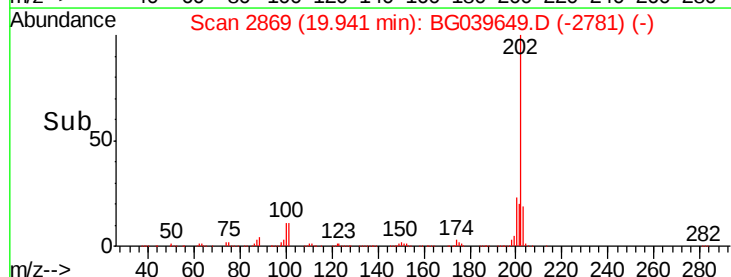
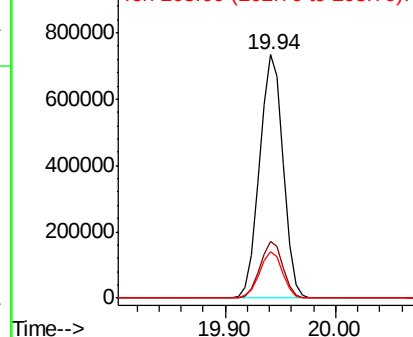
202 100

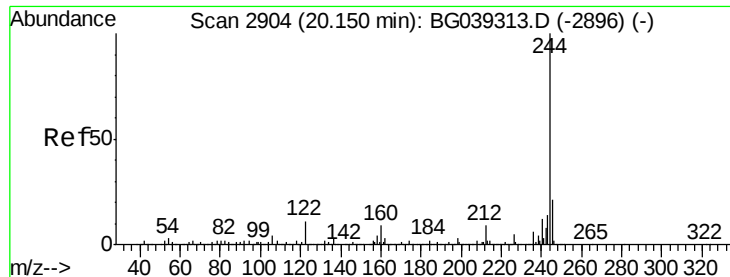
200 23.2 17.8 26.8

203 19.2 15.3 22.9



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: 72.073 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

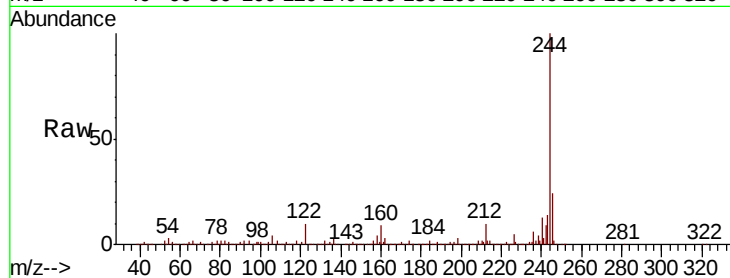
Tot Ion:244 Resp: 1635000

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

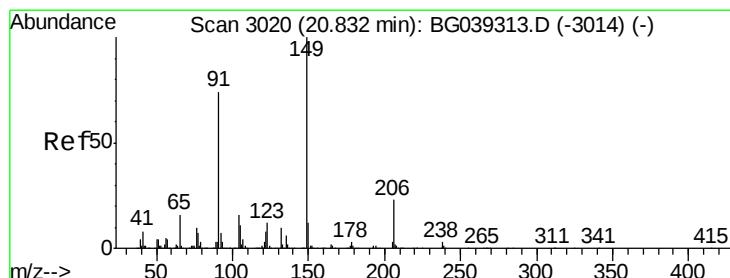
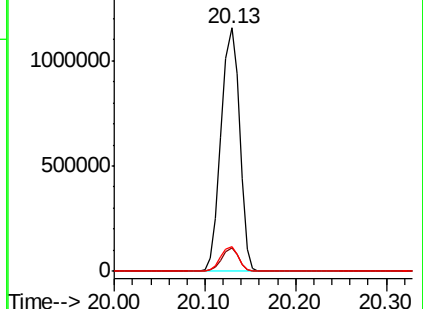
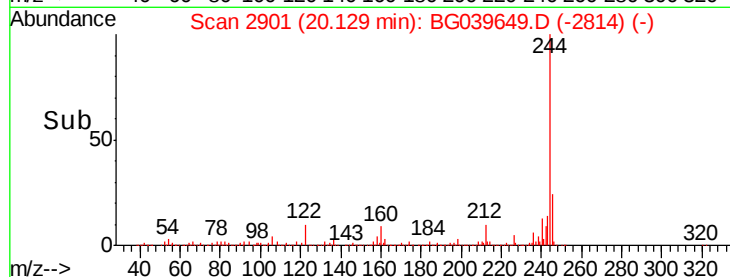
122 10.2 8.4 12.6



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: 39.214 ng

RT: 20.80 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

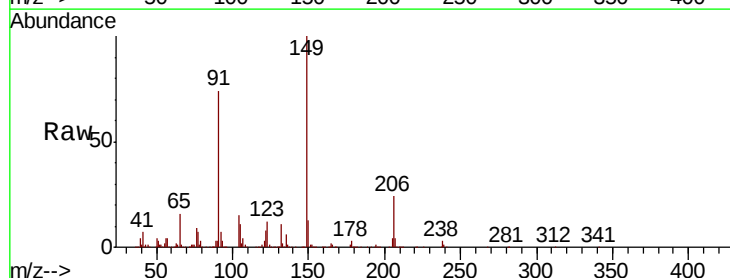
Tgt Ion:149 Resp: 494476

Ion Ratio Lower Upper

149 100

91 73.5 59.5 89.3

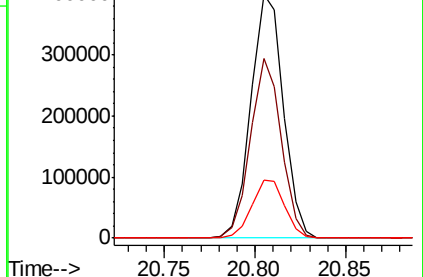
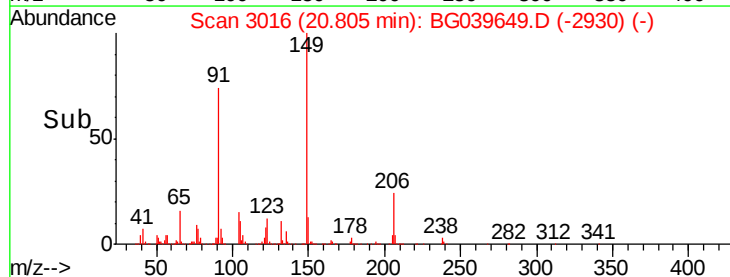
206 23.9 18.6 27.8

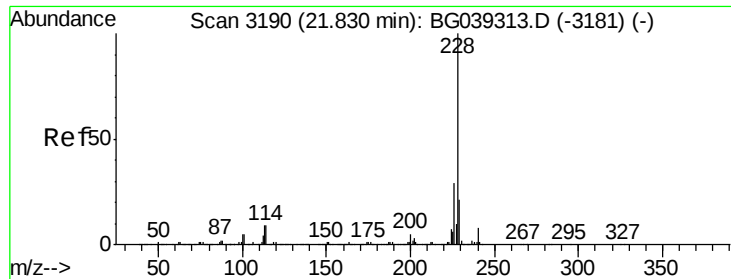


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.524 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

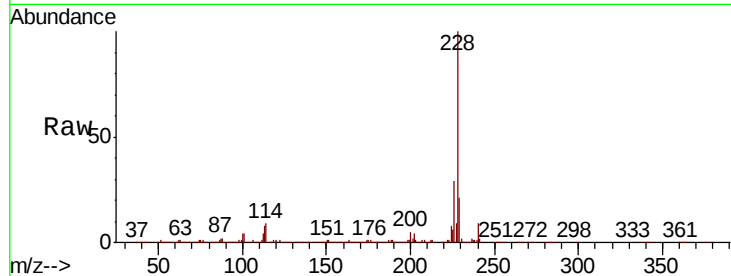
Tot Ion:228 Resp: 1093049

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.6

229 20.7 16.9 25.3

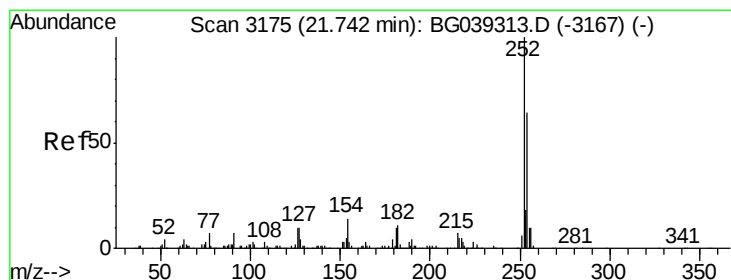
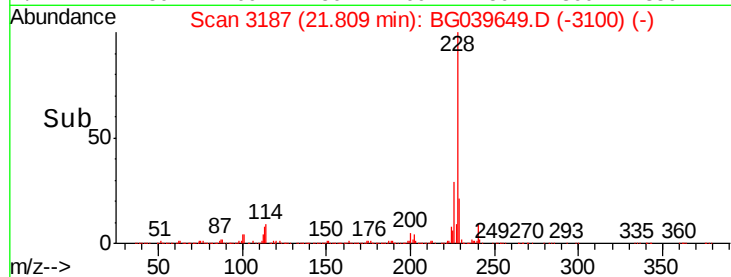
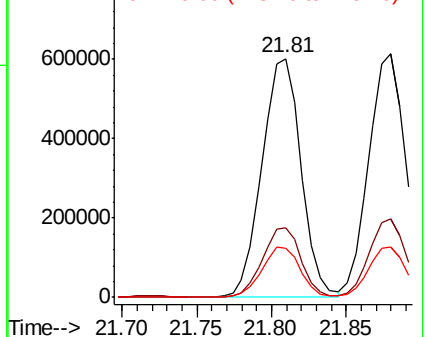


Abundance

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: 39.429 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

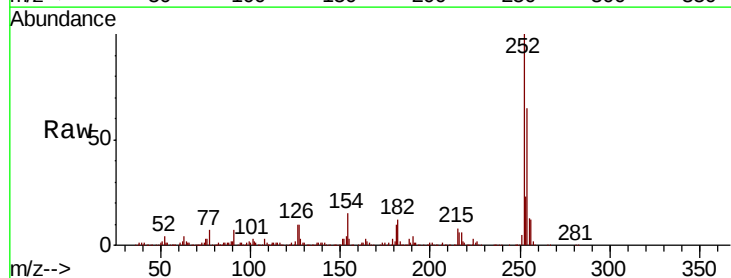
Tgt Ion:252 Resp: 414823

Ion Ratio Lower Upper

252 100

254 64.9 51.3 76.9

126 9.8 8.0 12.0

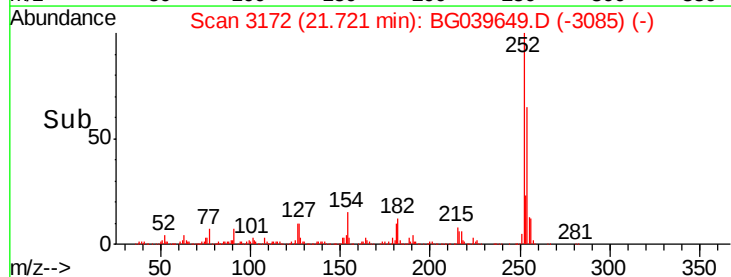
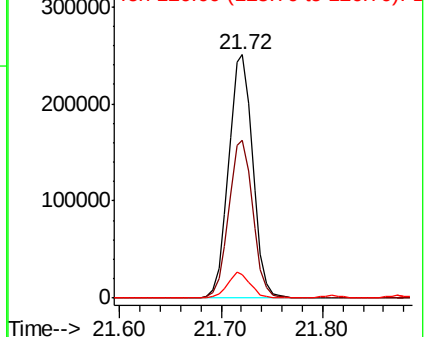


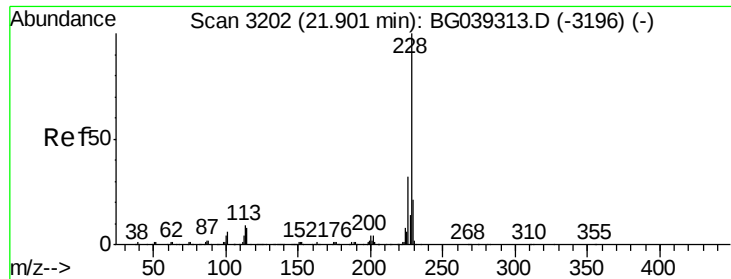
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.547 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

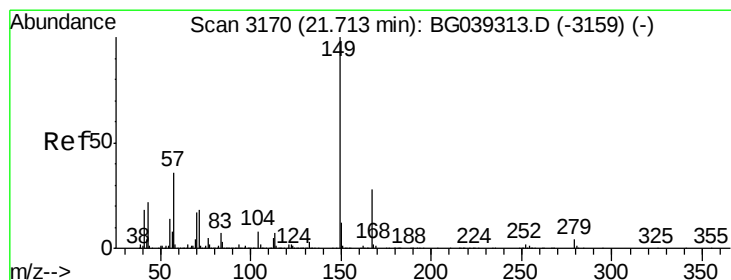
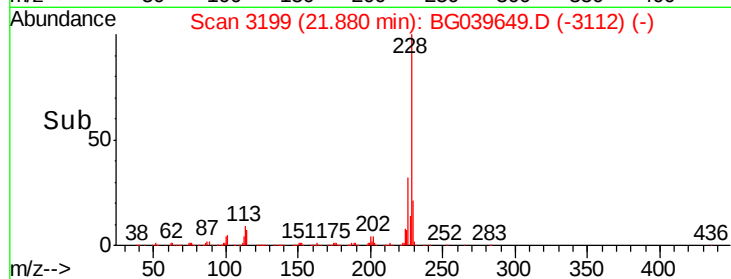
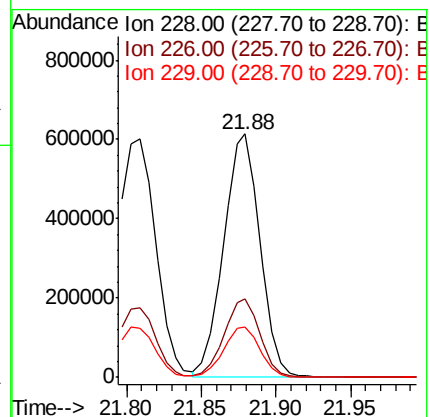
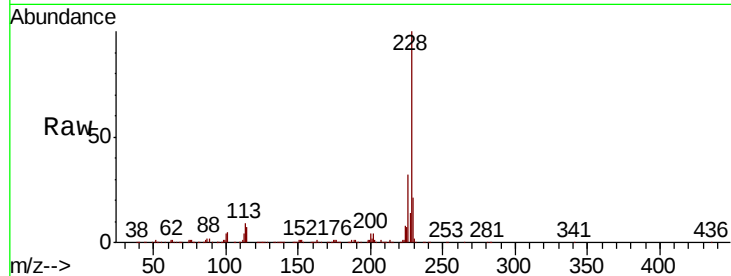
Tot Ion:228 Resp: 1041140

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.8	38.6
229	20.8	16.6	25.0

228 100

226 32.3 25.8 38.6

229 20.8 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.437 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.04 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

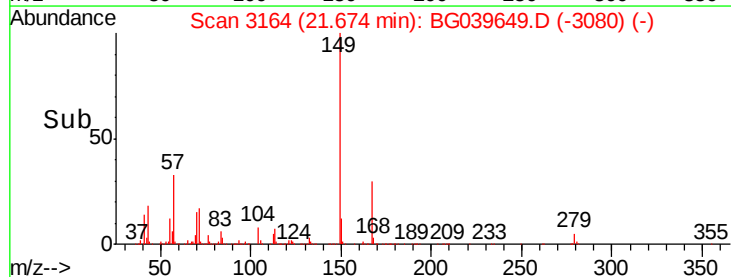
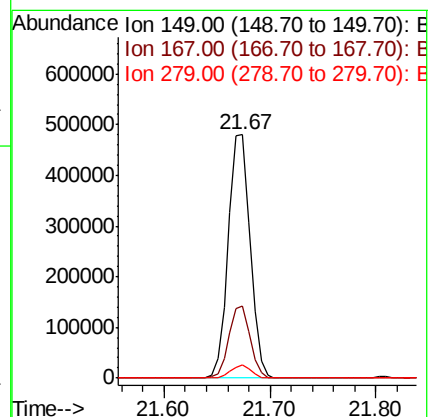
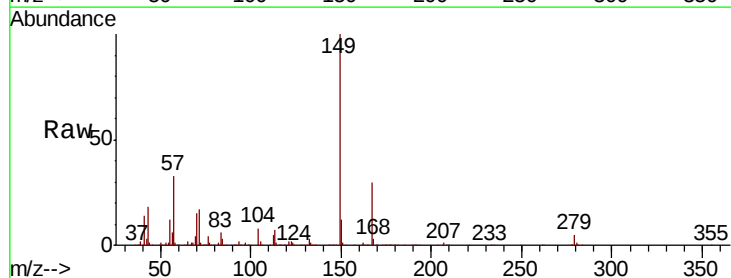
Tgt Ion:149 Resp: 691475

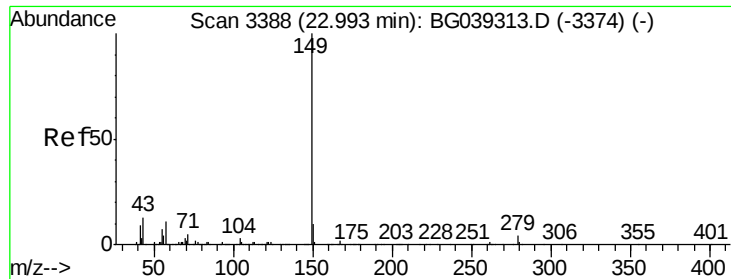
Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.6	34.0
279	5.2	3.5	5.3

149 100

167 29.8 22.6 34.0

279 5.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 38.957 ng

RT: 22.93 min Scan# 3378

Delta R.T. -0.06 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

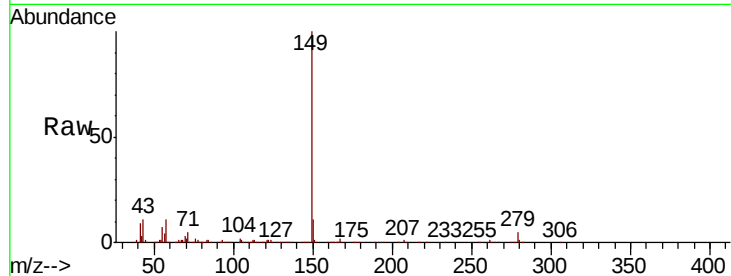
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1157816

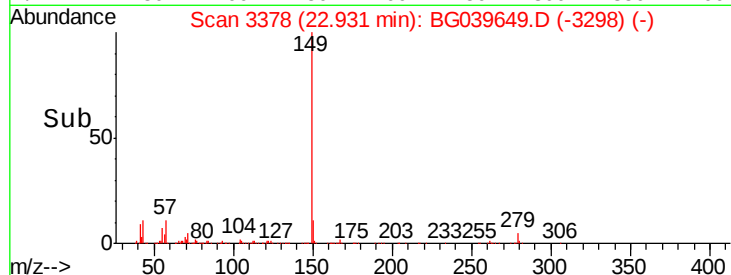
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	11.1	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.970 ng

RT: 29.09 min Scan# 4427

Delta R.T. -0.06 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

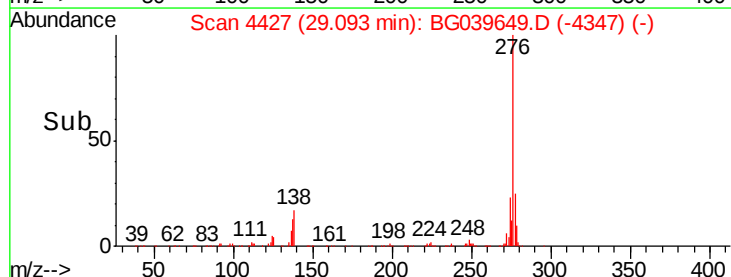
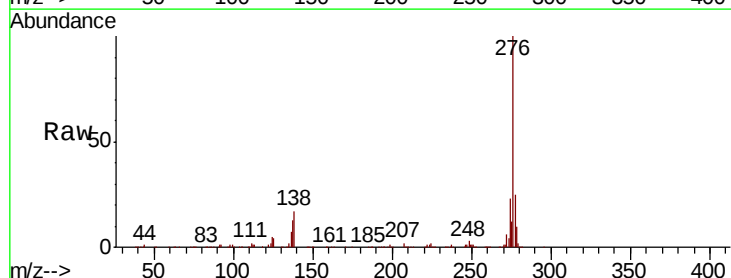
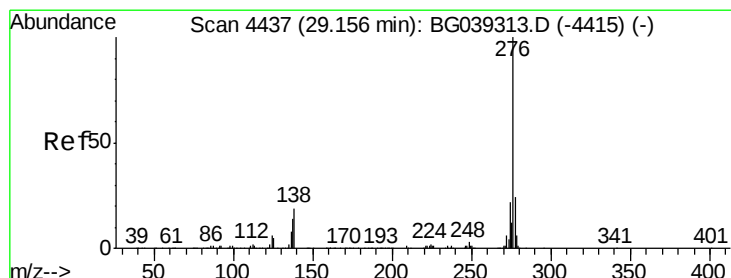
Tgt Ion:276 Resp: 1216253

Ion	Ratio	Lower	Upper
276	100		
138	21.0	12.6	19.0#
277	25.8	20.8	31.2

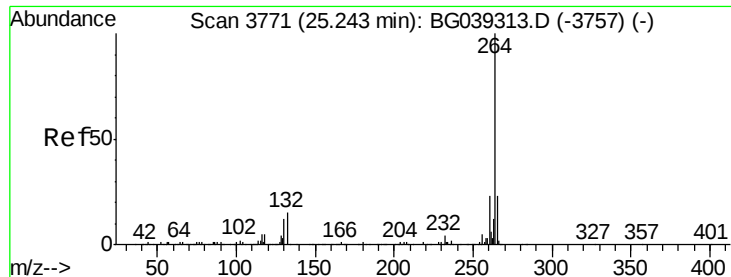
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

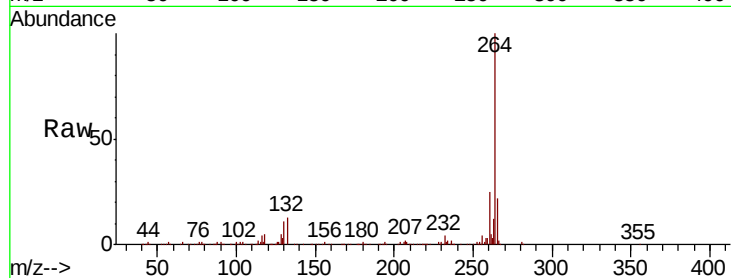
Tot Ion:264 Resp: 495990

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

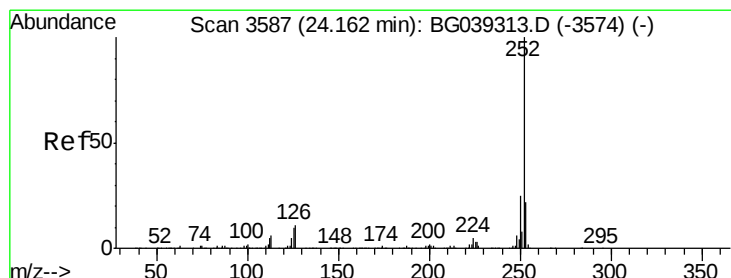
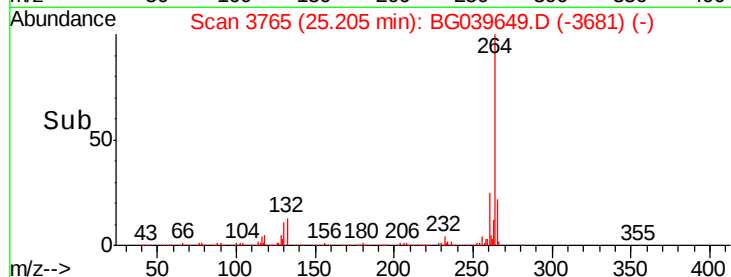
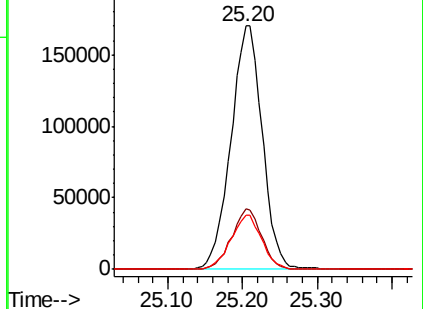
265 22.2 18.5 27.7



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: 39.612 ng

RT: 24.12 min Scan# 3581

Delta R.T. -0.04 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

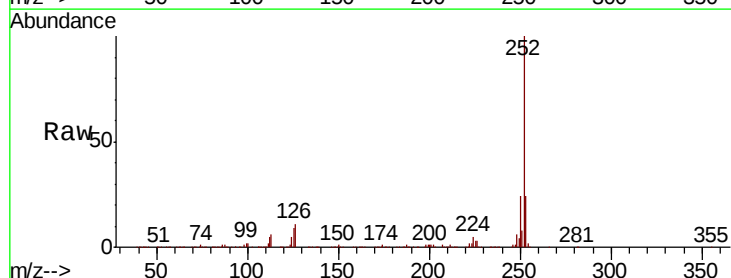
Tgt Ion:252 Resp: 1071465

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

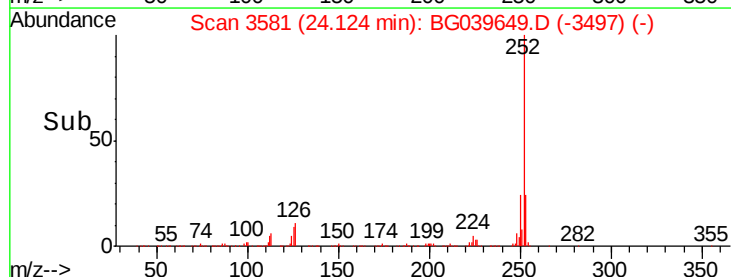
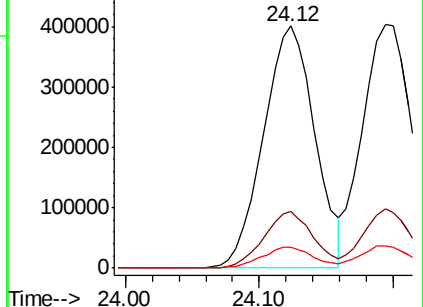
125 8.8 7.8 11.6

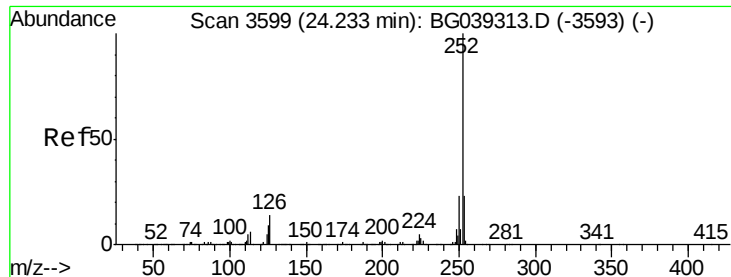


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.321 ng

RT: 24.19 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

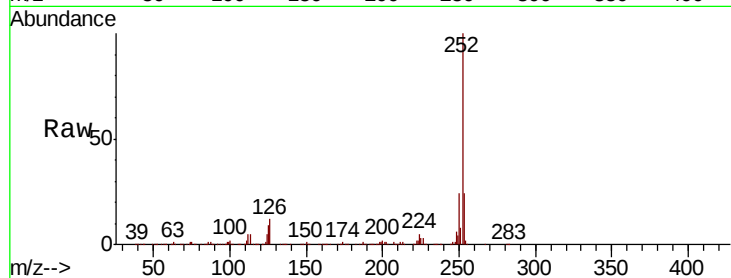
Tot Ion:252 Resp: 1040670

Ion Ratio Lower Upper

252 100

253 24.4 18.2 27.2

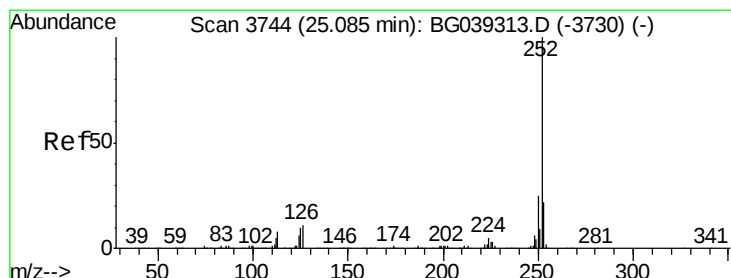
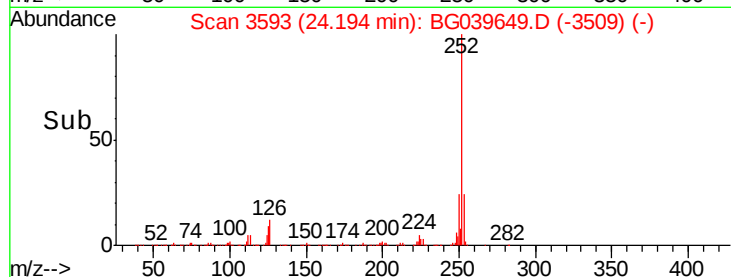
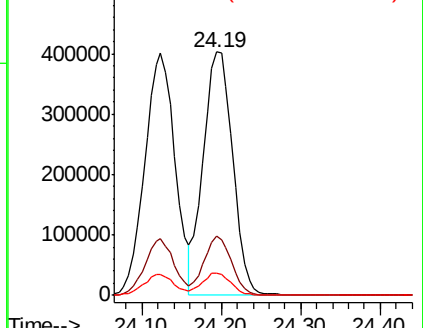
125 9.2 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.638 ng

RT: 25.05 min Scan# 3738

Delta R.T. -0.04 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

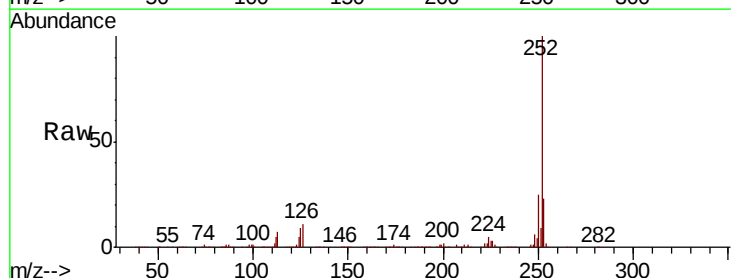
Tgt Ion:252 Resp: 1032578

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

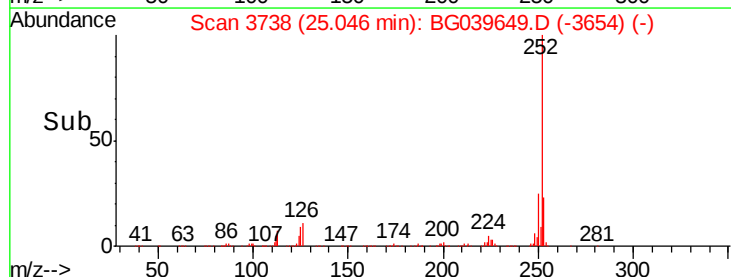
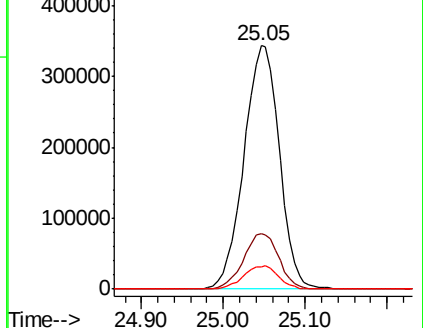
125 9.0 8.3 12.5

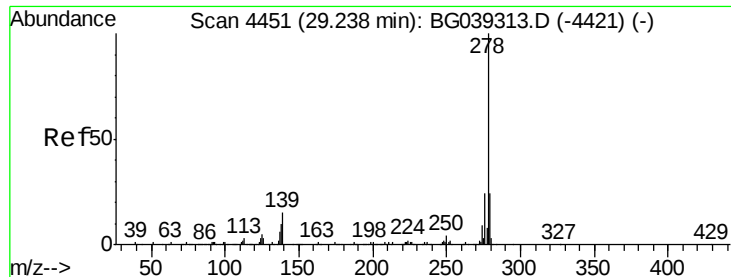


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.606 ng

RT: 29.16 min Scan# 4439

Delta R.T. -0.07 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

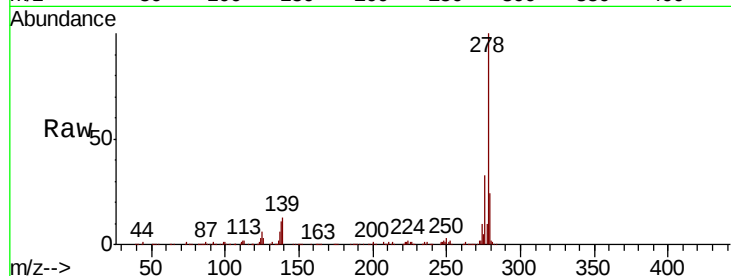
Tot Ion:278 Resp: 990627

Ion Ratio Lower Upper

278 100

139 13.5 11.7 17.5

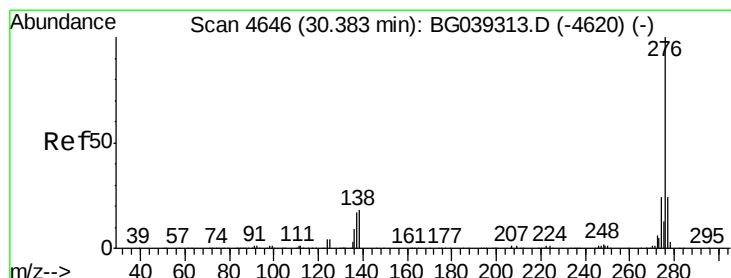
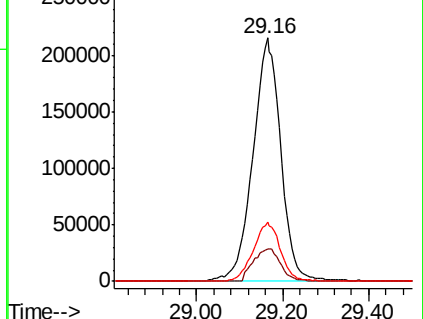
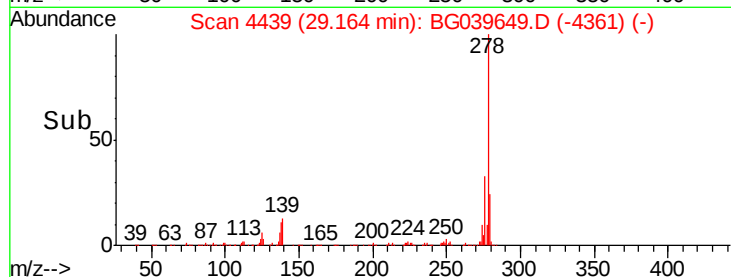
279 24.3 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.026 ng

RT: 30.33 min Scan# 4637

Delta R.T. -0.06 min

Lab File: BG039649.D

Acq: 28 Feb 2019 1:14

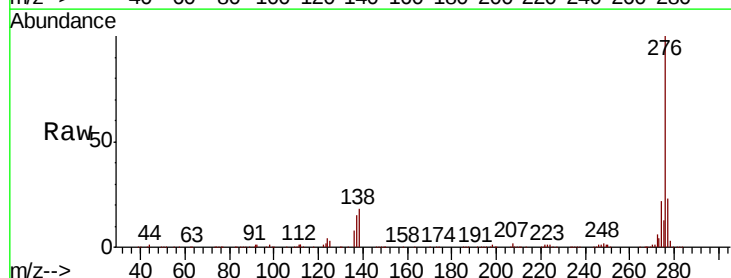
Tgt Ion:276 Resp: 997589

Ion Ratio Lower Upper

276 100

277 23.3 19.6 29.4

138 18.4 14.7 22.1



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

