

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021219\
 Data File : BG039478.D
 Acq On : 13 Feb 2019 00:32
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 13 06:57:10 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	8.18	152	64731	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	285200	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	182704	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	409753	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	412860	20.00	ng	-0.01
87) Perylene-d12	25.22	264	430160	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	303151	80.15	ng	0.00
7) Phenol-d6	7.31	99	467335	83.95	ng	0.00
23) Nitrobenzene-d5	9.35	82	433972	95.06	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	172541	87.70	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1002714	78.73	ng	-0.01
79) Terphenyl-d14	20.14	244	1447751	74.22	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	66363	40.113	ng	90
3) Pyridine	4.01	79	186152	42.499	ng	97
4) n-Nitrosodimethylamine	3.93	42	86444	39.462	ng	95
6) Aniline	7.50	93	278671	39.963	ng	98
8) 2-Chlorophenol	7.74	128	171270	41.428	ng	93
9) Benzaldehyde	7.31	77	117794	43.396	ng	97
10) Phenol	7.34	94	240485	41.439	ng	96
11) bis(2-Chloroethyl)ether	7.59	93	182810	39.865	ng	97
12) 1,3-Dichlorobenzene	8.06	146	198713	39.677	ng	99
13) 1,4-Dichlorobenzene	8.21	146	201469	40.360	ng	97
14) 1,2-Dichlorobenzene	8.53	146	194440	40.236	ng	99
15) Benzyl Alcohol	8.41	79	175832	40.230	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.70	45	360148	34.778	ng	100
17) 2-Methylphenol	8.60	107	151684	40.390	ng	97
18) Hexachloroethane	9.26	117	69207	40.298	ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	152402	38.570	ng	96
20) 3+4-Methylphenols	8.93	107	217271	42.013	ng	97
22) Acetophenone	9.00	105	300595	39.237	ng	# 96
24) Nitrobenzene	9.40	77	222215	45.056	ng	97
25) Isophorone	9.91	82	379362	37.499	ng	100
26) 2-Nitrophenol	10.10	139	110533	54.717	ng	96
27) 2,4-Dimethylphenol	10.14	122	166006	40.564	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	241808	38.806	ng	99
29) 2,4-Dichlorophenol	10.63	162	194476	43.480	ng	97
30) 1,2,4-Trichlorobenzene	10.85	180	208993	41.619	ng	96
31) Naphthalene	11.05	128	551483	38.978	ng	100
32) Benzoic acid	10.27	122	114635	43.759	ng	97
33) 4-Chloroaniline	11.15	127	257371	39.232	ng	98
34) Hexachlorobutadiene	11.31	225	140437	42.054	ng	95
35) Caprolactam	11.95	113	73140	39.517	ng	# 86
36) 4-Chloro-3-methylphenol	12.25	107	211256	40.840	ng	97
37) 2-Methylnaphthalene	12.64	142	405430	38.689	ng	95
38) 1-Methylnaphthalene	12.86	142	389888	38.597	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	250127	43.028	ng	99

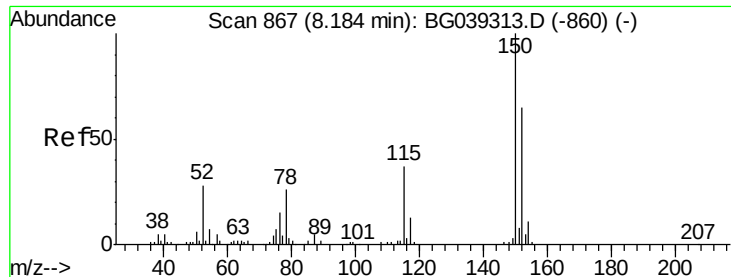
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	122169	38.568	ng	100
43) 2,4,6-Trichlorophenol	13.23	196	162936	45.587	ng	93
44) 2,4,5-Trichlorophenol	13.30	196	170330	45.469	ng	97
46) 1,1'-Biphenyl	13.63	154	594205	39.089	ng	98
47) 2-Chloronaphthalene	13.69	162	461338	40.342	ng	99
48) 2-Nitroaniline	13.89	65	153488	46.944	ng	96
49) Acenaphthylene	14.53	152	672885	38.995	ng	98
50) Dimethylphthalate	14.24	163	570700	38.676	ng	99
51) 2,6-Dinitrotoluene	14.37	165	129890	47.222	ng	99
52) Acenaphthene	14.86	154	429452	38.341	ng	99
53) 3-Nitroaniline	14.71	138	131368	44.612	ng #	95
54) 2,4-Dinitrophenol	14.91	184	46100	47.430	ng	94
55) Dibenzofuran	15.20	168	698282	38.882	ng	99
56) 4-Nitrophenol	14.99	139	103315	41.713	ng	89
57) 2,4-Dinitrotoluene	15.15	165	175255	49.348	ng #	90
58) Fluorene	15.84	166	510222	38.112	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	153824	43.856	ng	98
60) Diethylphthalate	15.60	149	561416	36.798	ng	98
61) 4-Chlorophenyl-phenylether	15.83	204	304630	40.186	ng	96
62) 4-Nitroaniline	15.87	138	133981	43.711	ng	94
63) Azobenzene	16.12	77	531005	35.610	ng	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	95030	55.429	ng	97
66) n-Nitrosodiphenylamine	16.05	169	504143	40.464	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	192497	42.347	ng	97
68) Hexachlorobenzene	16.83	284	194580	42.664	ng	96
69) Atrazine	16.98	200	169291	37.181	ng	98
70) Pentachlorophenol	17.18	266	132946	41.941	ng	99
71) Phenanthrene	17.59	178	819144	38.625	ng	98
72) Anthracene	17.67	178	810148	38.782	ng	98
73) Carbazole	17.94	167	791763	37.979	ng	99
74) Di-n-butylphthalate	18.48	149	905917	37.248	ng	99
75) Fluoranthene	19.58	202	955515	38.818	ng	99
77) Benzidine	19.77	184	392566	29.002	ng	99
78) Pyrene	19.95	202	978564	38.074	ng	99
80) Butylbenzylphthalate	20.82	149	429764	39.639	ng	93
81) Benzo(a)anthracene	21.81	228	951819	39.016	ng	100
82) 3,3'-Dichlorobenzidine	21.73	252	363960	40.235	ng	99
83) Chrysene	21.89	228	914428	39.376	ng	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	595124	38.476	ng	99
85) Di-n-octyl phthalate	22.95	149	1011874	39.598	ng	97
86) Indeno(1,2,3-cd)pyrene	29.11	276	1061999	42.622	ng	97
88) Benzo(b)fluoranthene	24.14	252	930960	39.684	ng	98
89) Benzo(k)fluoranthene	24.21	252	912073	38.725	ng	99
90) Benzo(a)pyrene	25.06	252	898082	39.751	ng	99
91) Dibenzo(a,h)anthracene	29.19	278	863681	40.820	ng	99
92) Benzo(g,h,i)perylene	30.33	276	863615	40.951	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

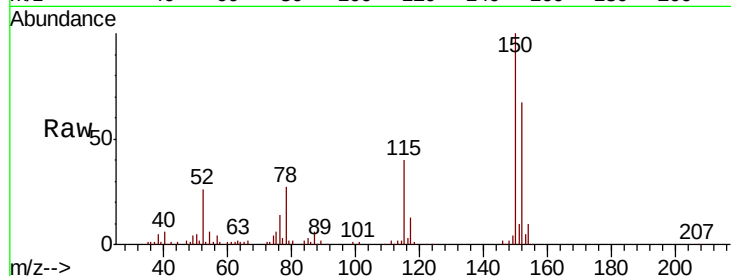
Tgt Ion: 152 Resp: 64731

Ion Ratio Lower Upper

152 100

150 150.1 123.7 185.5

115 60.6 45.9 68.9

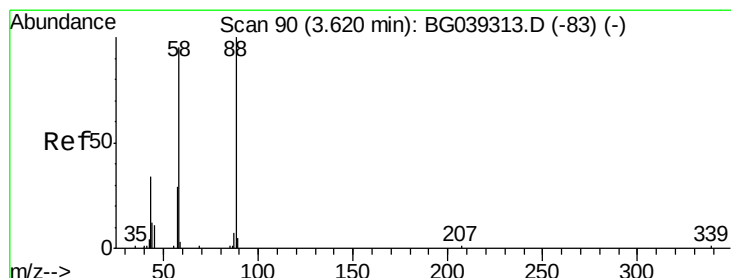
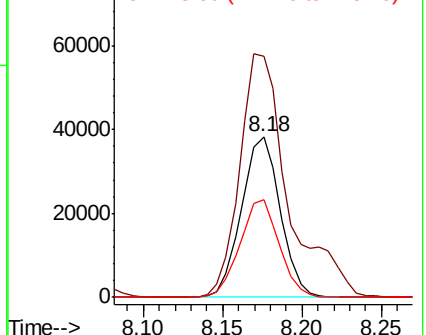
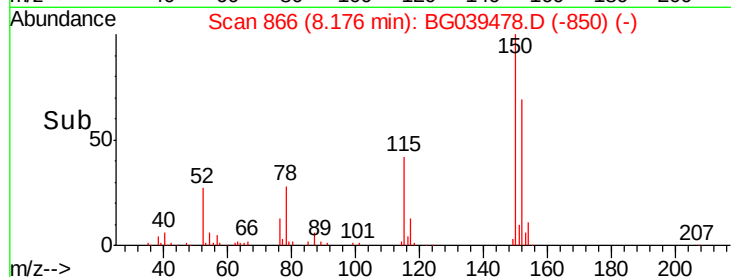


Abundance

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: 40.113 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

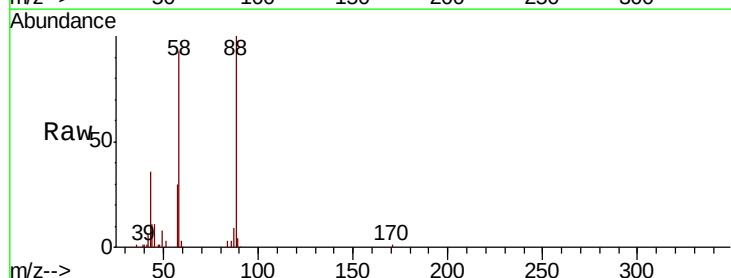
Tgt Ion: 88 Resp: 66363

Ion Ratio Lower Upper

88 100

58 90.8 81.1 121.7

43 33.5 31.4 47.0

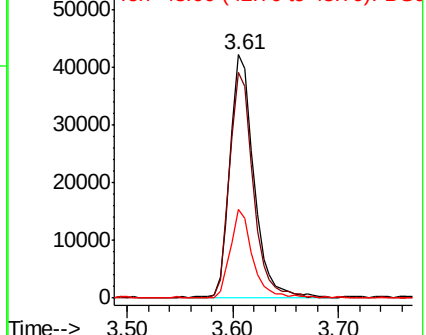
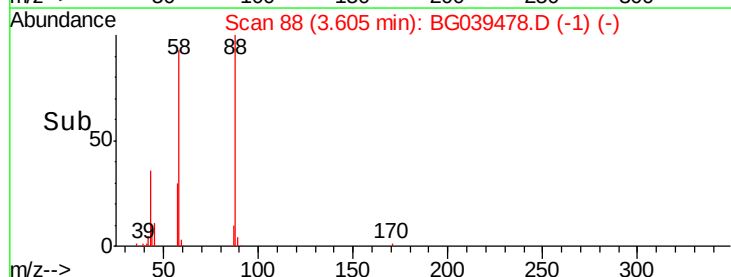


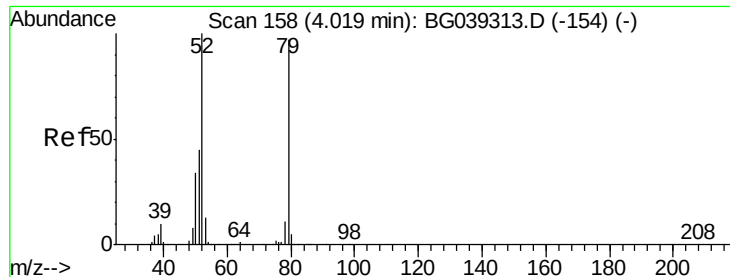
Abundance

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

Pyridine

Concen: 42.499 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

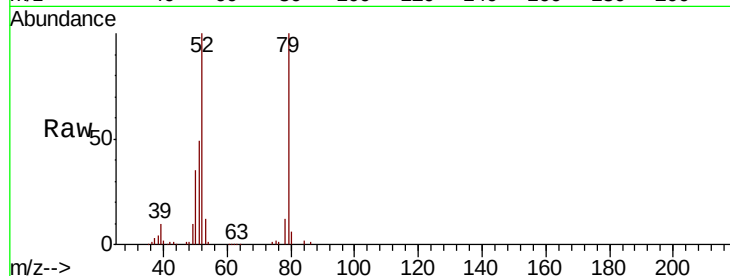
Tgt Ion: 79 Resp: 186152

Ion Ratio Lower Upper

79 100

52 100.2 82.6 124.0

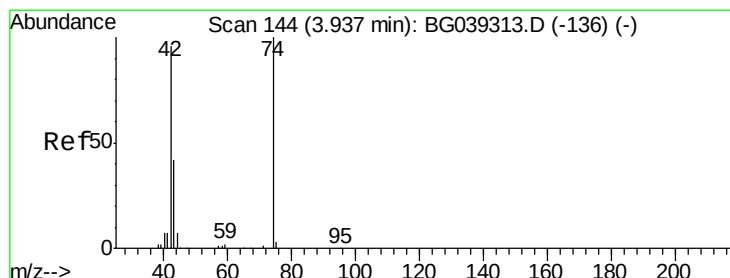
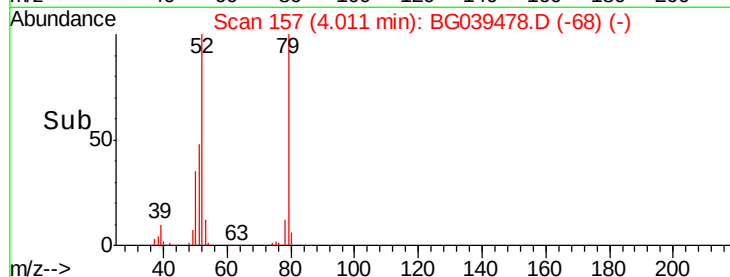
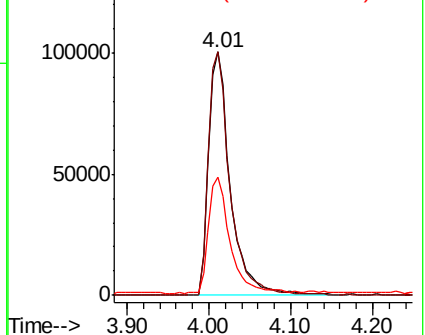
51 48.8 37.5 56.3



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: 39.462 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

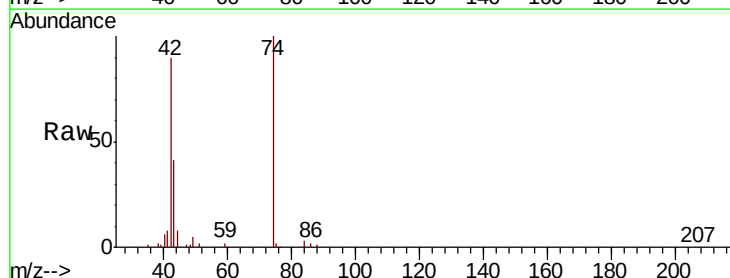
Tgt Ion: 42 Resp: 86444

Ion Ratio Lower Upper

42 100

74 110.5 83.6 125.4

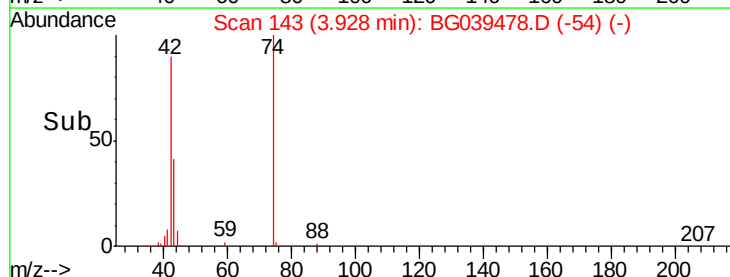
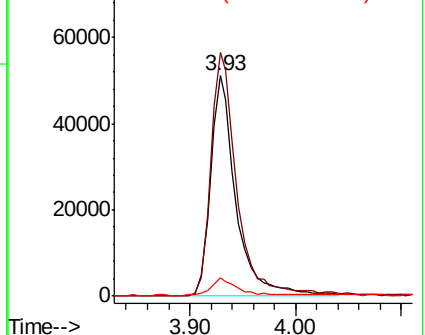
44 8.6 6.9 10.3

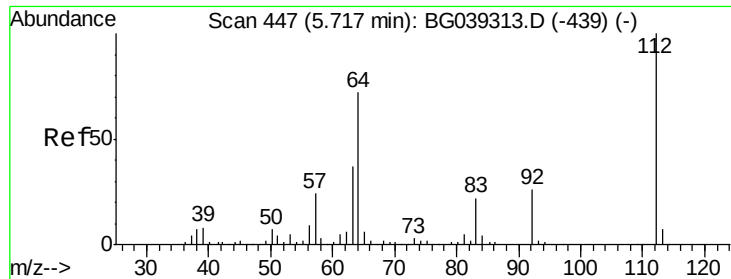


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.154 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

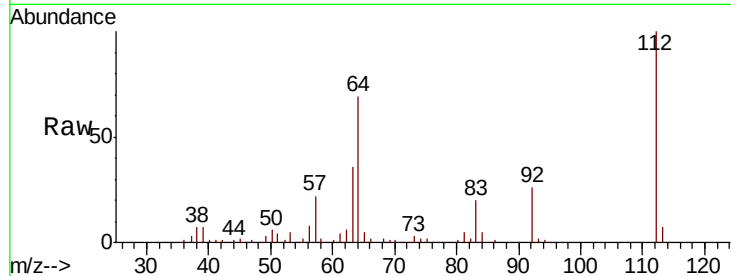
Tgt Ion: 112 Resp: 303151

Ion Ratio Lower Upper

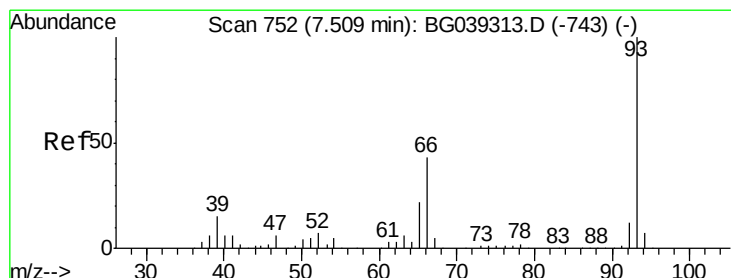
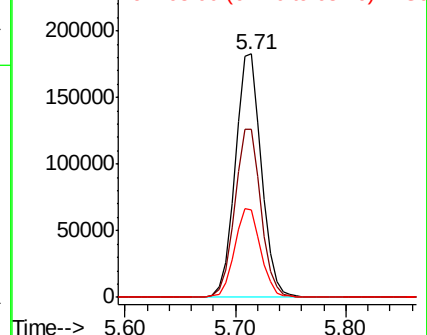
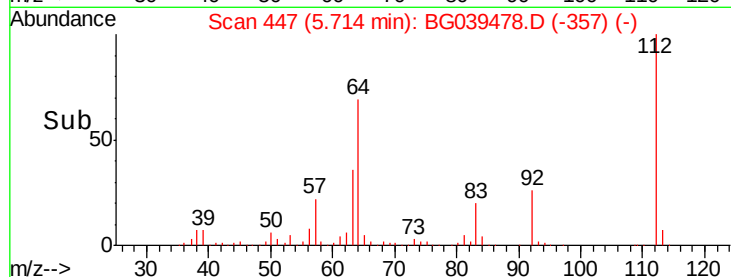
112 100

64 69.2 57.8 86.8

63 35.9 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: 39.963 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

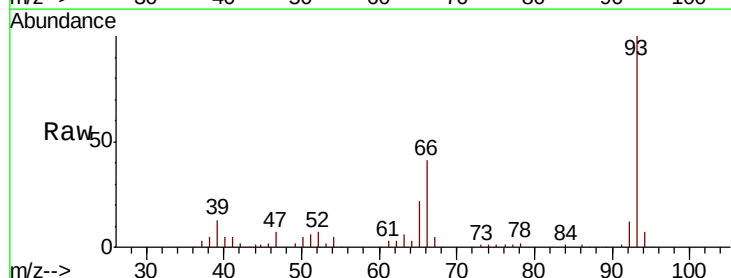
Tgt Ion: 93 Resp: 278671

Ion Ratio Lower Upper

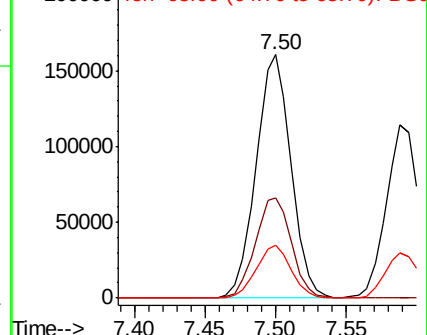
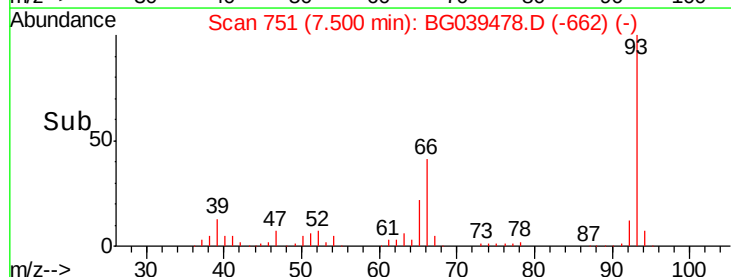
93 100

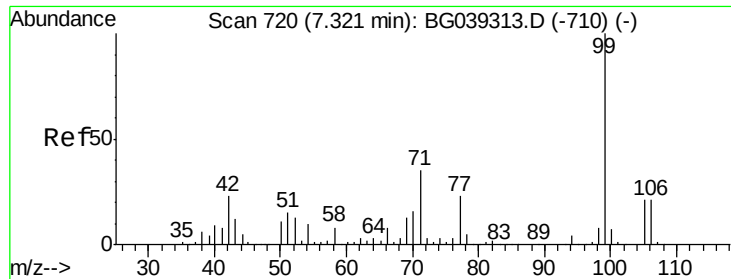
66 41.2 34.2 51.4

65 22.0 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: 83.945 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

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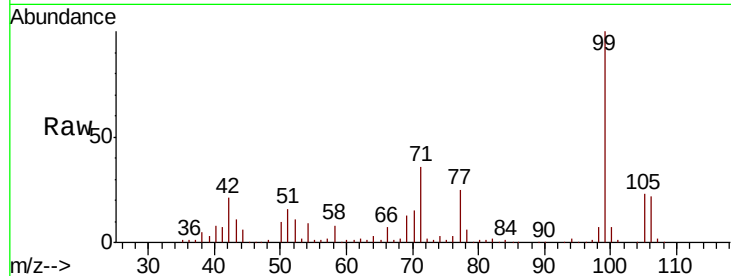
Tgt Ion: 99 Resp: 467335

Ion Ratio Lower Upper

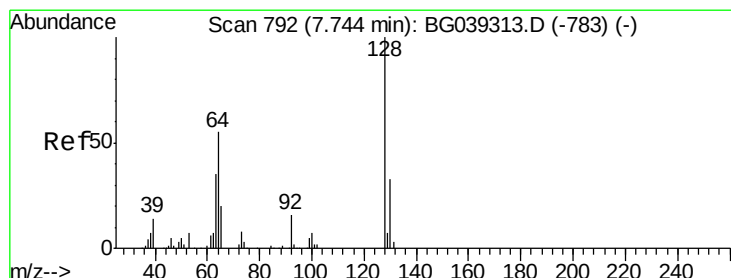
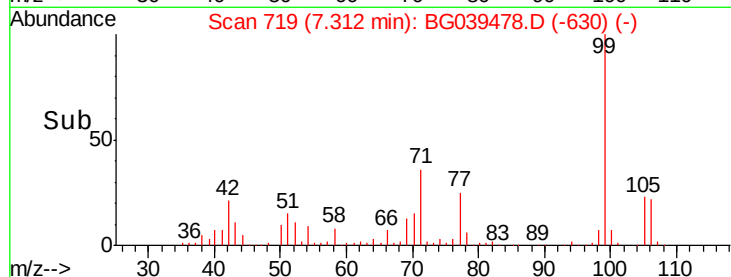
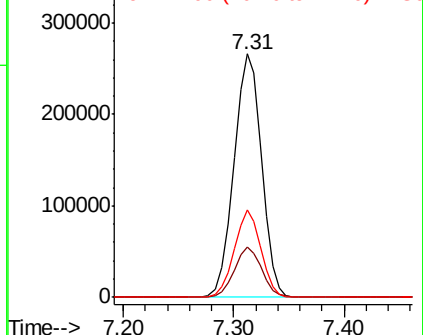
99 100

42 20.6 18.2 27.2

71 35.8 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: 41.428 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

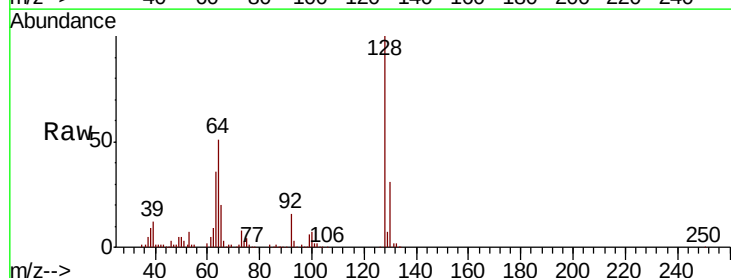
Tgt Ion: 128 Resp: 171270

Ion Ratio Lower Upper

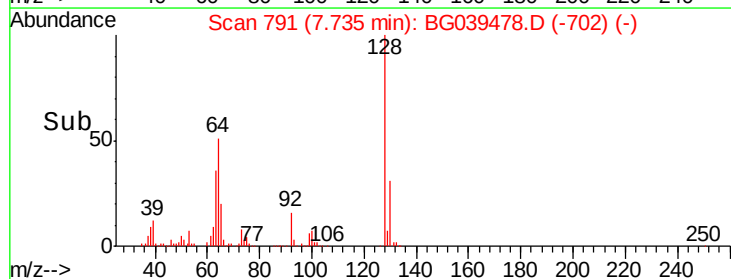
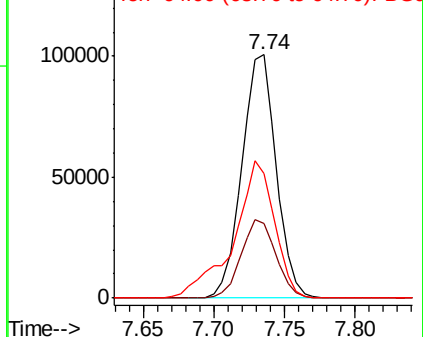
128 100

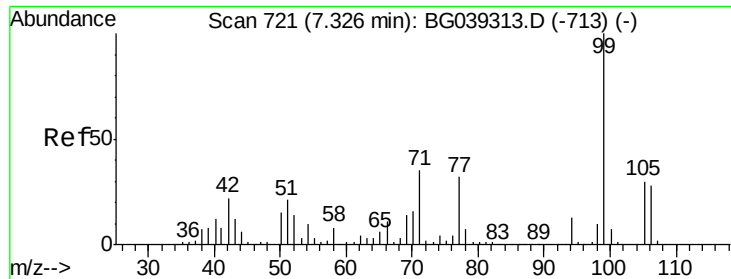
130 30.9 12.9 52.9

64 51.4 38.7 78.7



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





#9

Benzaldehyde

Concen: 43.396 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

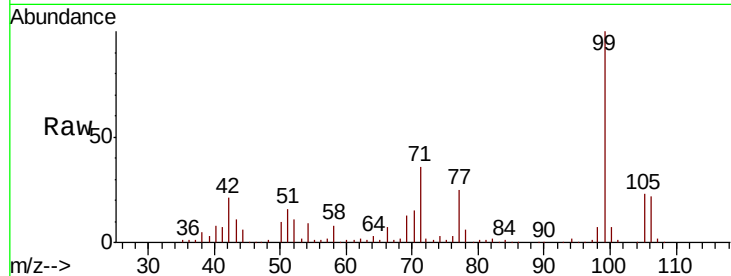
Tgt Ion: 77 Resp: 117794

Ion Ratio Lower Upper

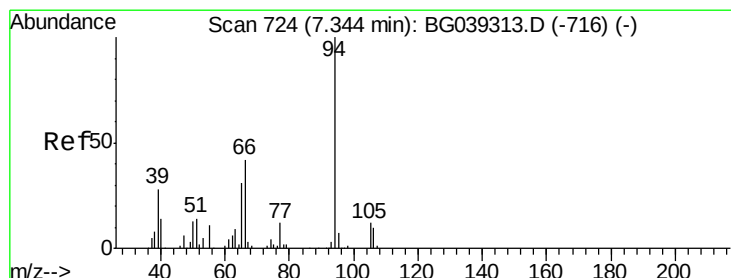
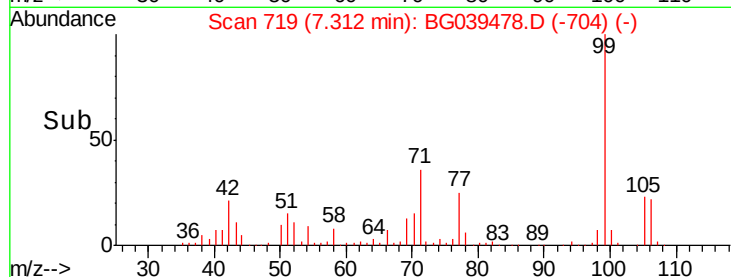
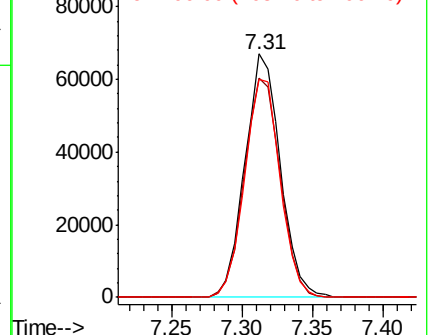
77 100

105 89.9 74.5 114.5

106 89.3 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: 41.439 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

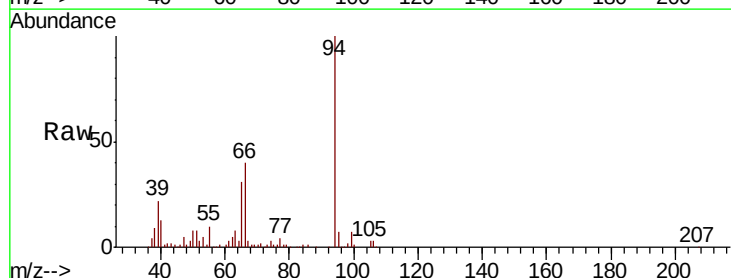
Tgt Ion: 94 Resp: 240485

Ion Ratio Lower Upper

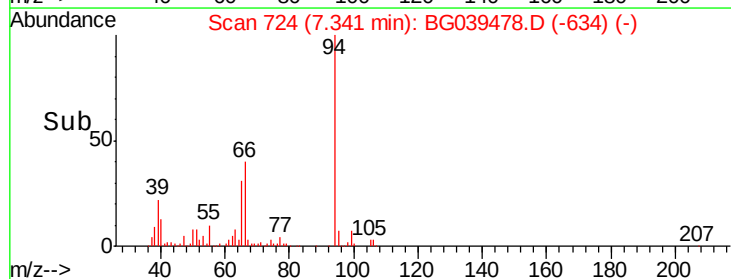
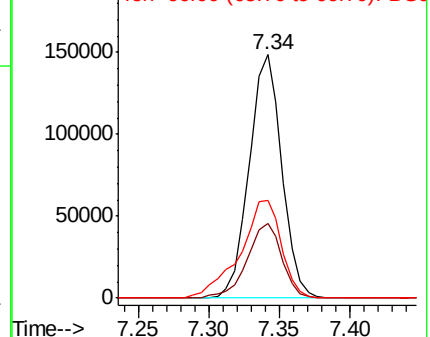
94 100

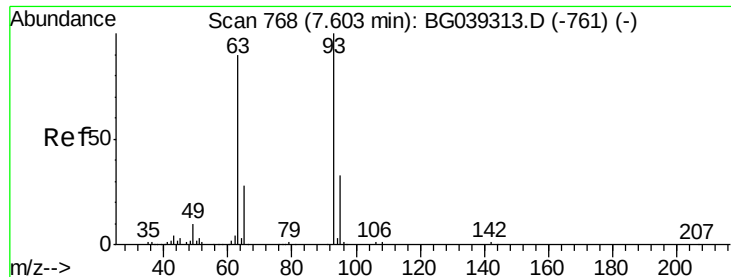
65 30.9 11.7 51.7

66 40.4 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

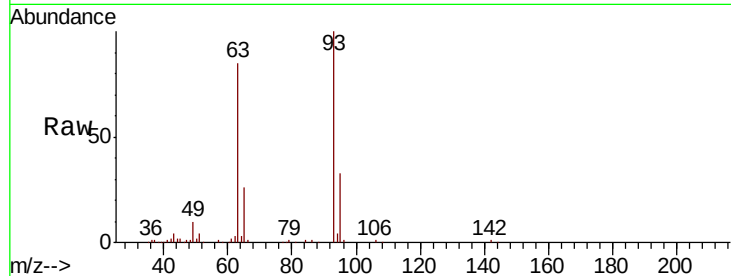




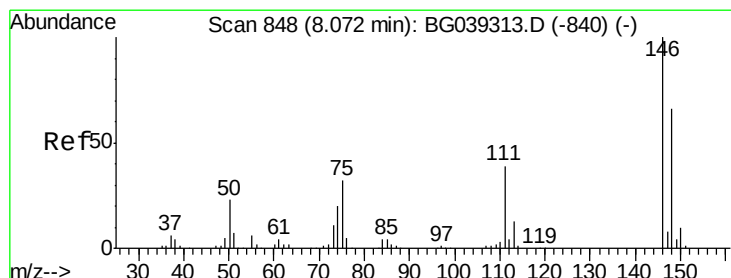
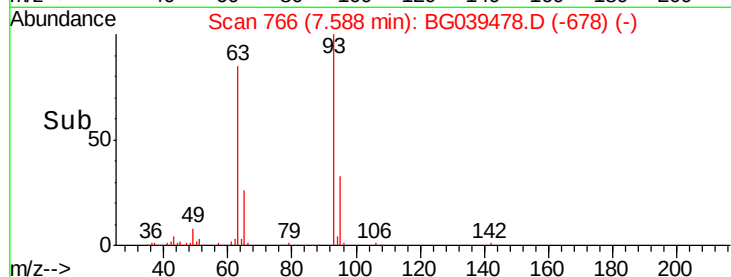
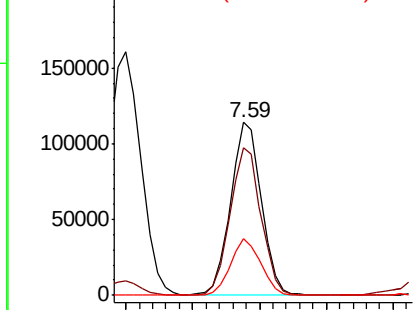
#11
bis(2-Chloroethyl)ether
Concen: 39.865 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 182810
Ion Ratio Lower Upper
93 100
63 85.2 69.5 109.5
95 32.9 12.7 52.7

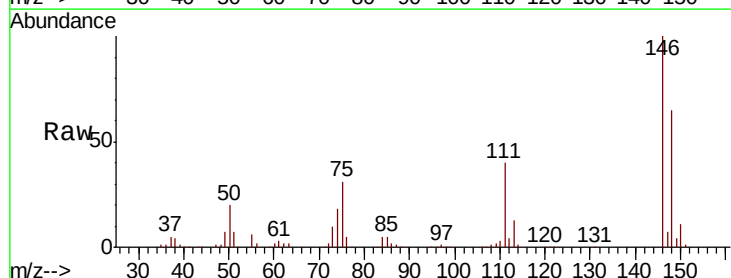


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

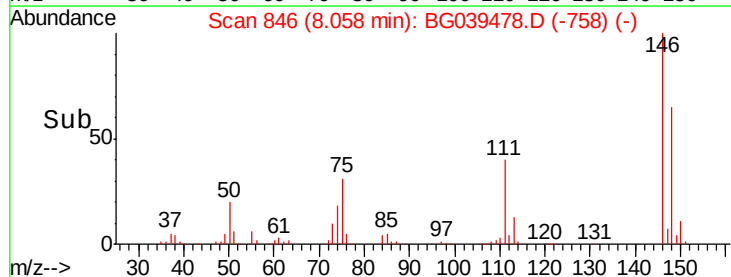
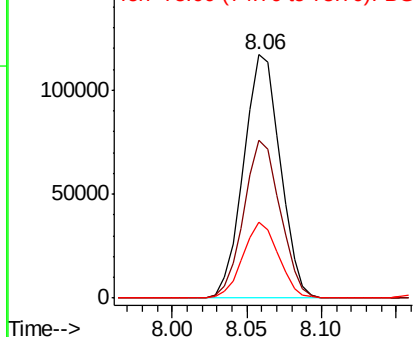


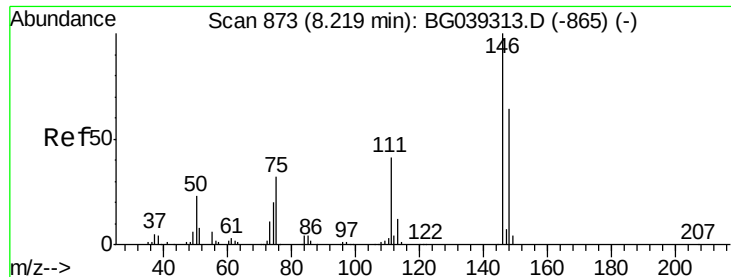
#12
1,3-Dichlorobenzene
Concen: 39.677 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion: 146 Resp: 198713
Ion Ratio Lower Upper
146 100
148 64.8 52.6 79.0
75 31.3 25.8 38.6



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

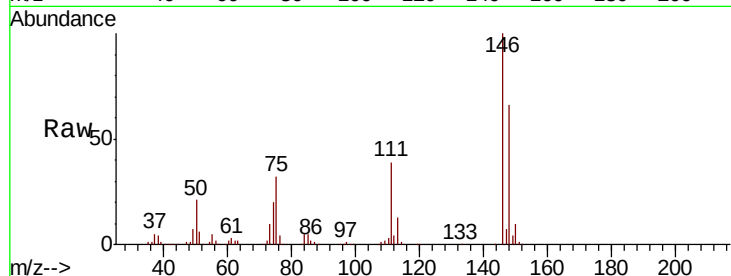




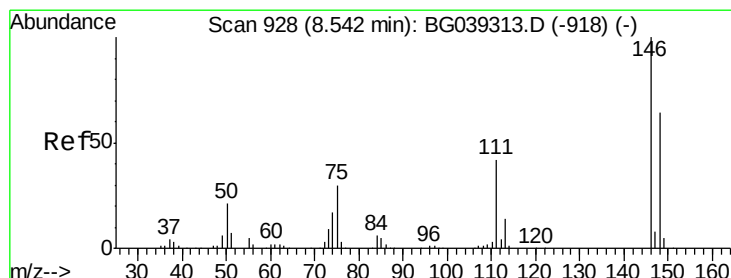
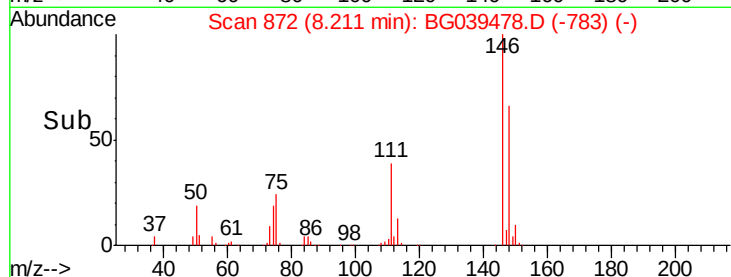
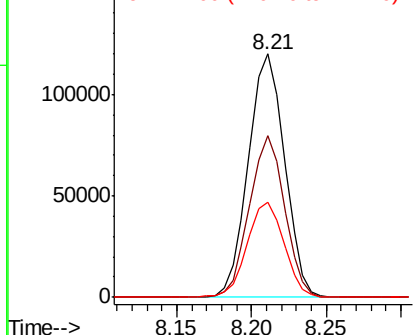
#13
 1,4-Dichlorobenzene
 Concen: 40.360 ng
 RT: 8.21 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 201469
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.1 76.7
 111 38.8 32.6 48.8

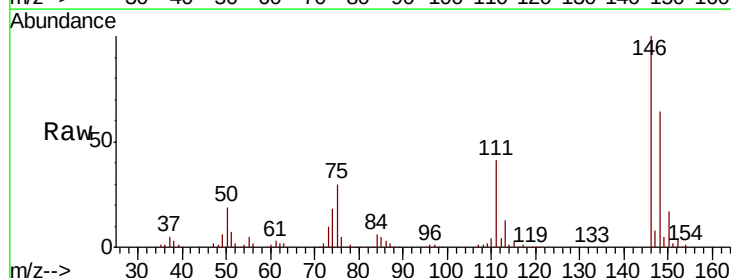


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

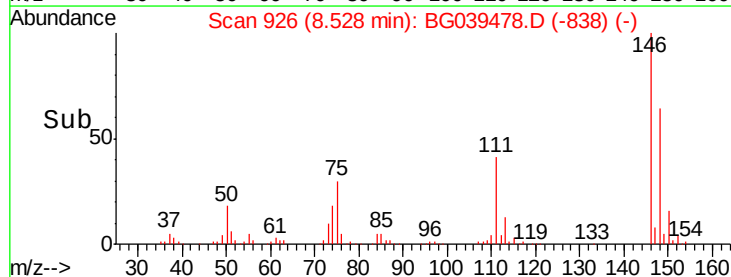
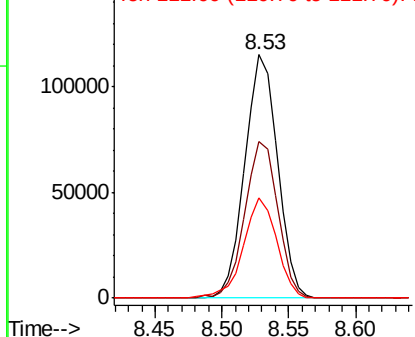


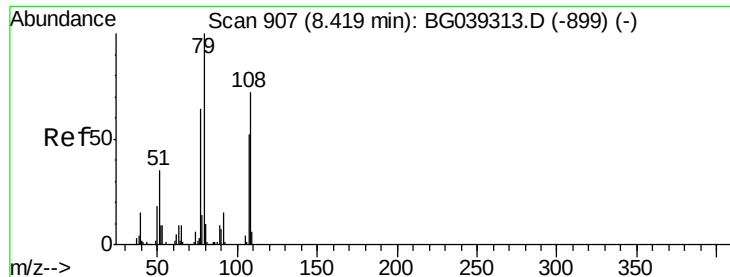
#14
 1,2-Dichlorobenzene
 Concen: 40.236 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

Tgt Ion:146 Resp: 194440
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.5 77.3
 111 41.0 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: 40.230 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

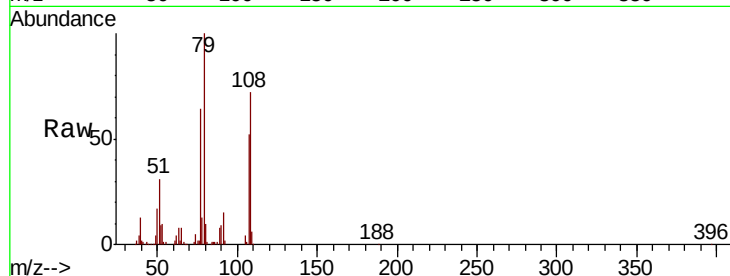
Tgt Ion: 79 Resp: 175832

Ion Ratio Lower Upper

79 100

108 72.3 57.8 86.6

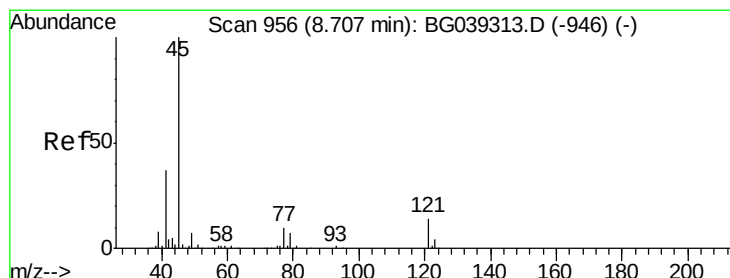
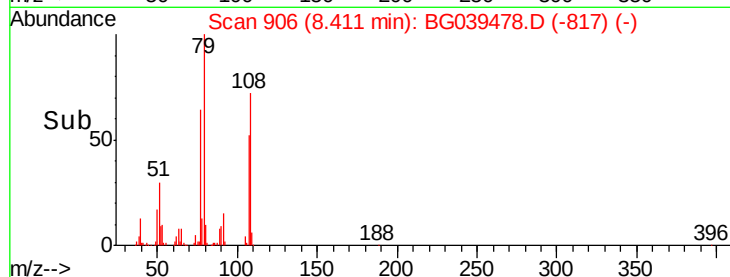
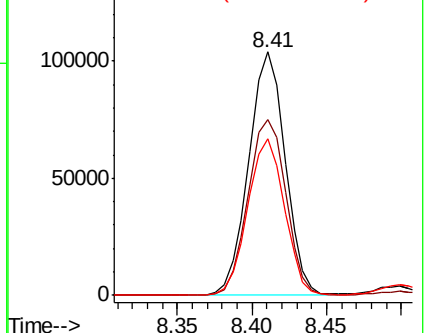
77 64.1 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.778 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

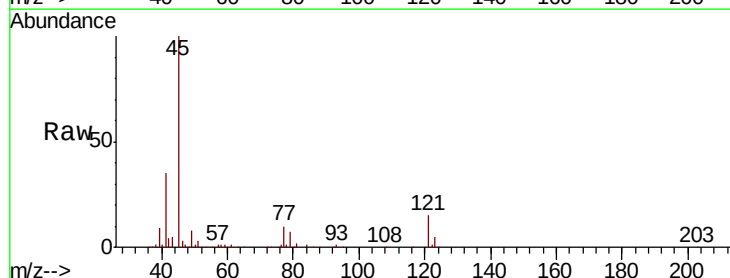
Tgt Ion: 45 Resp: 360148

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

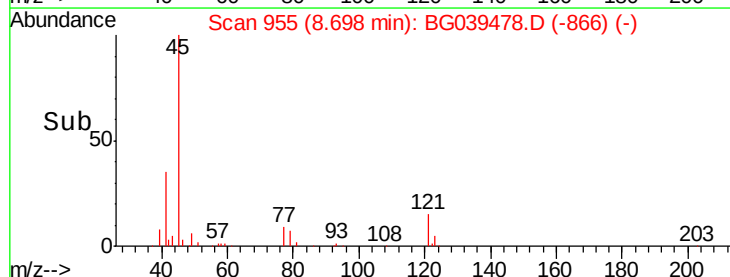
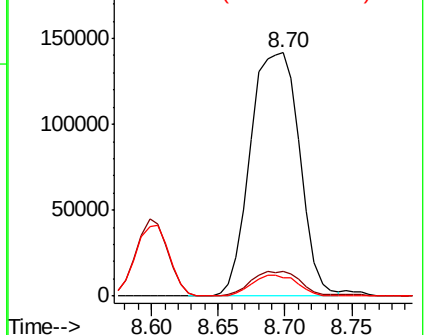
79 7.4 0.0 27.5

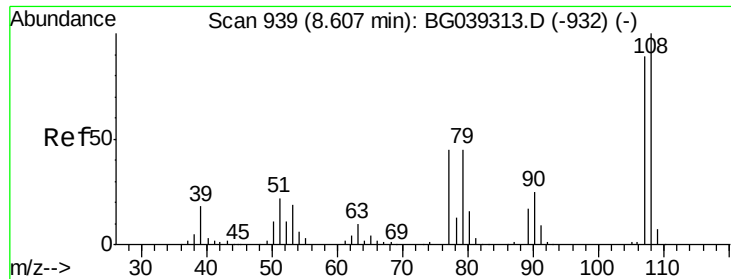


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

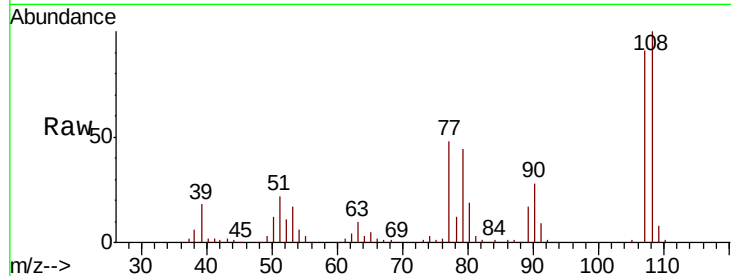




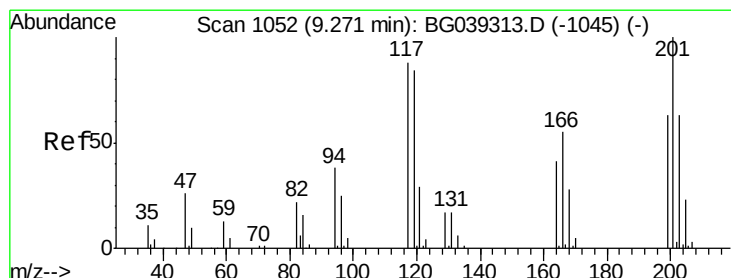
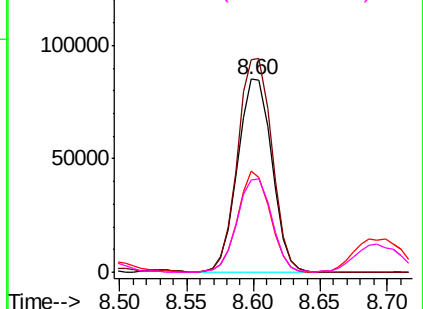
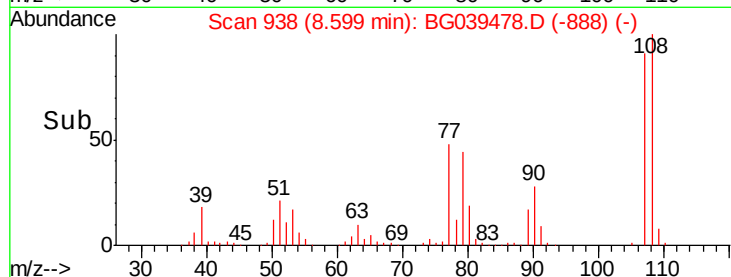
#17
2-Methylphenol
Concen: 40.390 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 151684
Ion Ratio Lower Upper
107 100
108 109.9 90.8 136.2
77 52.6 40.7 61.1
79 48.0 40.6 60.8

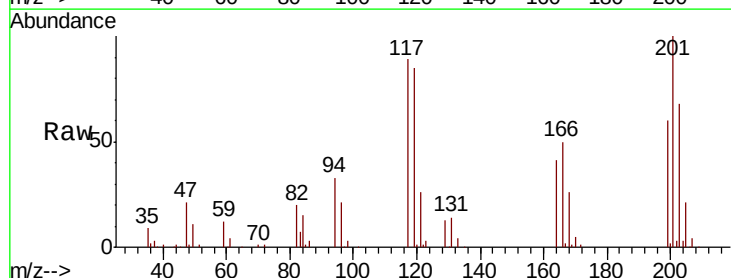


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

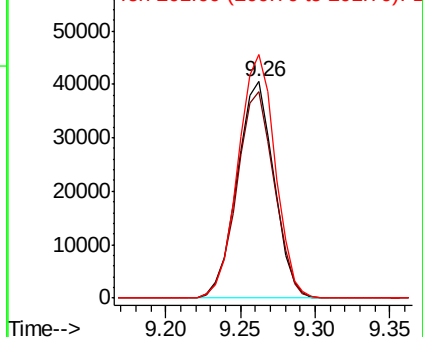
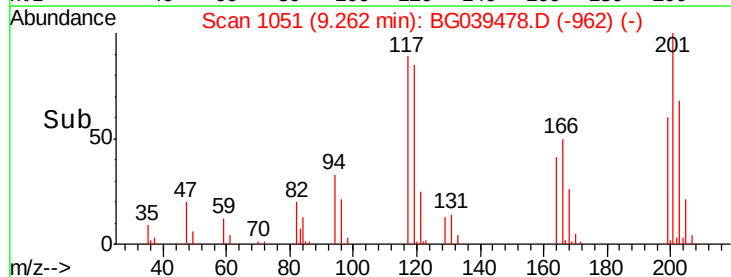


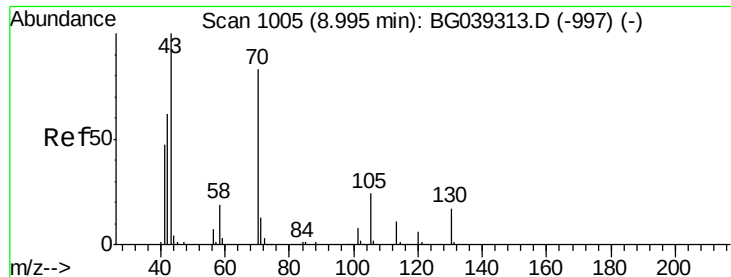
#18
Hexachloroethane
Concen: 40.298 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:117 Resp: 69207
Ion Ratio Lower Upper
117 100
119 95.3 76.3 114.5
201 112.6 91.1 136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

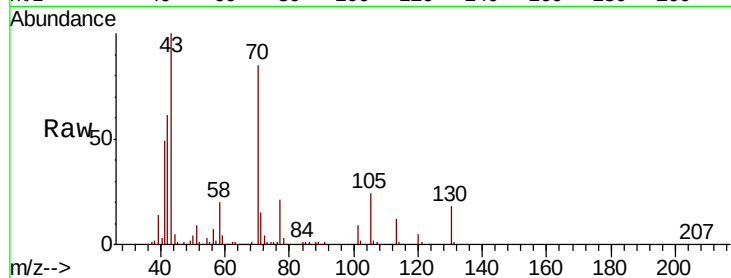




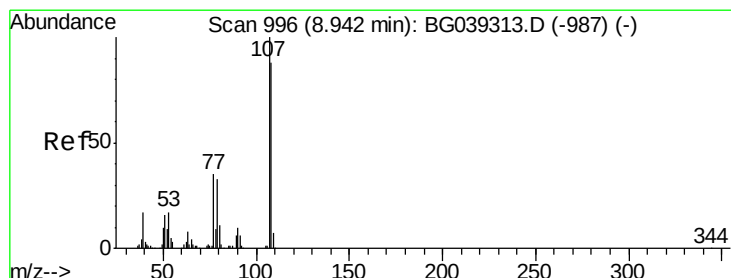
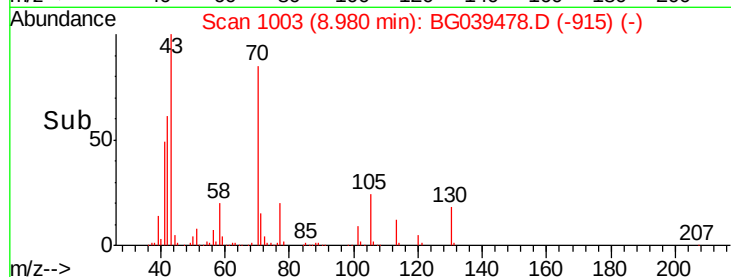
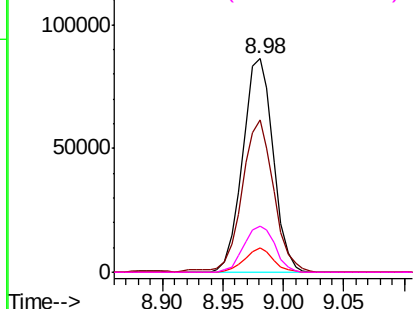
#19
n-Nitroso-di-n-propylamine
Concen: 38.570 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	152402
Ion	Ratio	Lower	Upper
70	100		
42	71.4	60.4	90.6
101	11.1	7.5	11.3
130	21.5	16.9	25.3

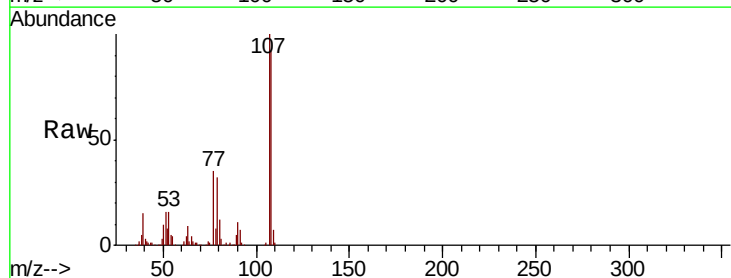


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

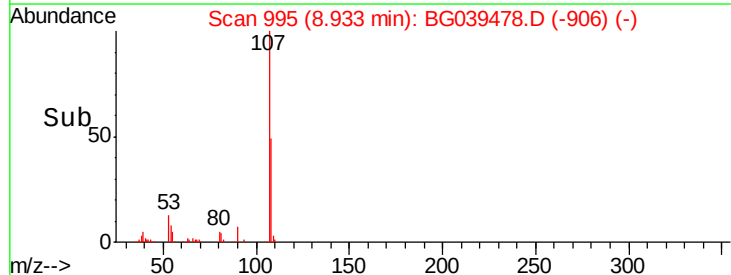
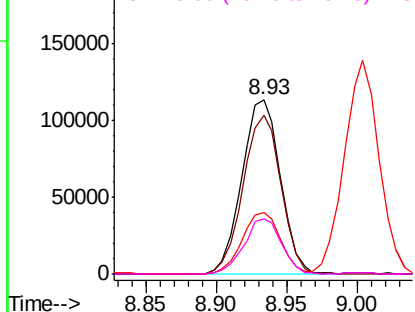


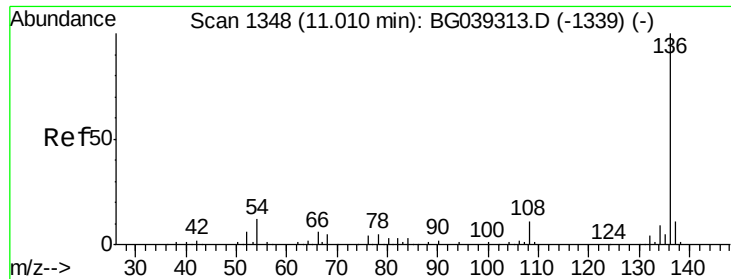
#20
3+4-Methylphenols
Concen: 42.013 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:	107	Resp:	217271
Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.9	107.9
77	35.2	15.4	55.4
79	31.7	13.7	53.7



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

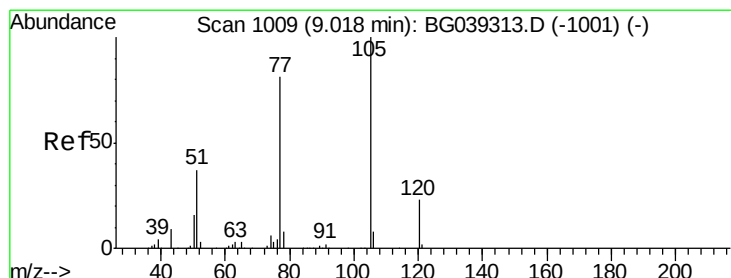
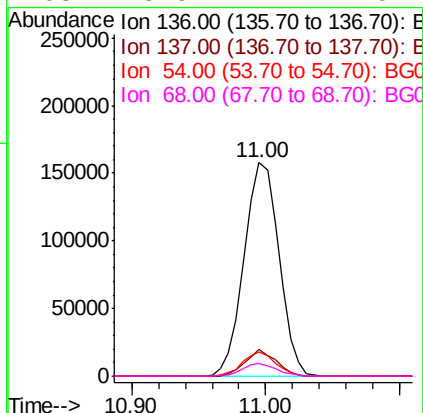
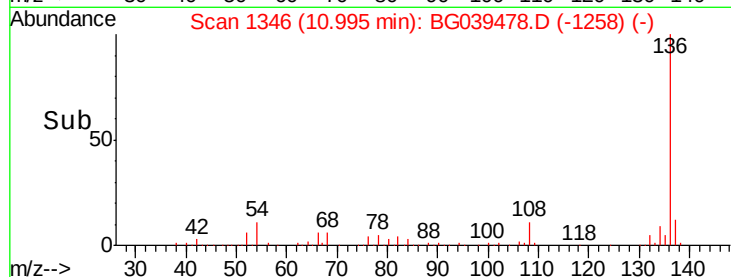
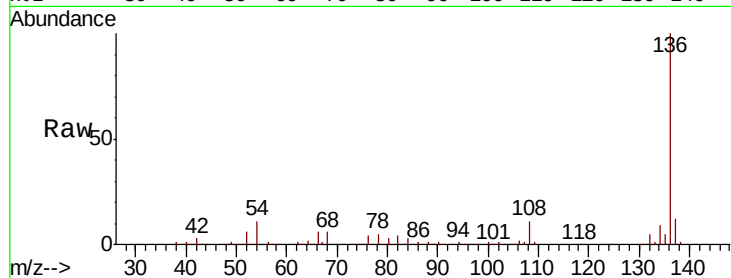




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

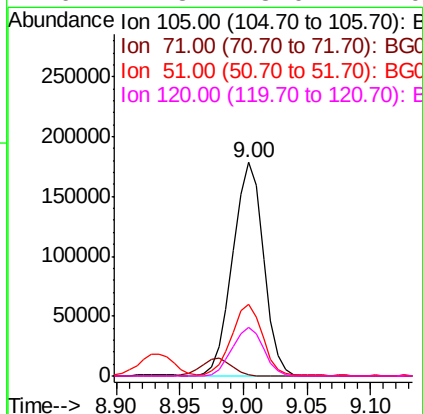
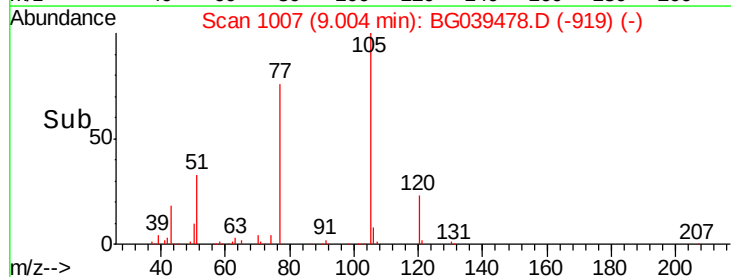
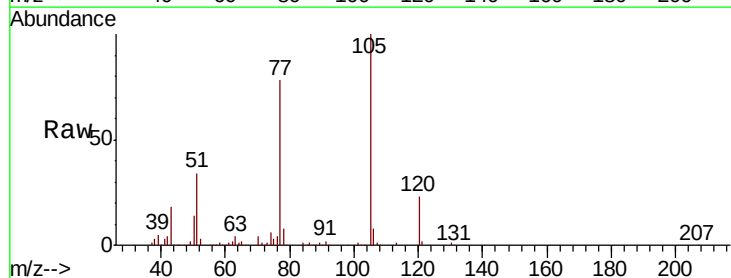
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

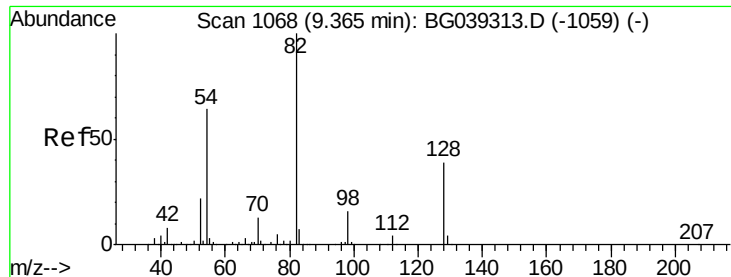
Tgt Ion:	136	Resp:	285200
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.1	13.7
54	11.2	9.4	14.2
68	5.9	4.2	6.4



#22
Acetophenone
Concen: 39.237 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:	105	Resp:	300595
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.8	1.2#
51	33.6	30.2	45.2
120	22.8	18.0	27.0

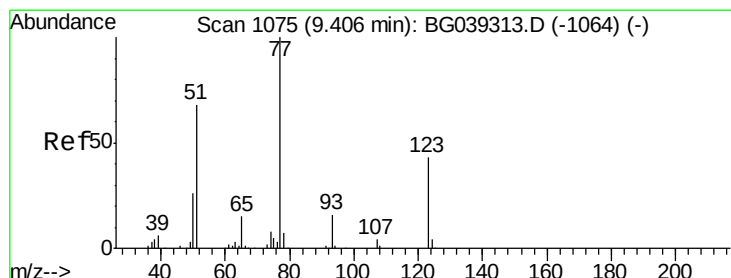
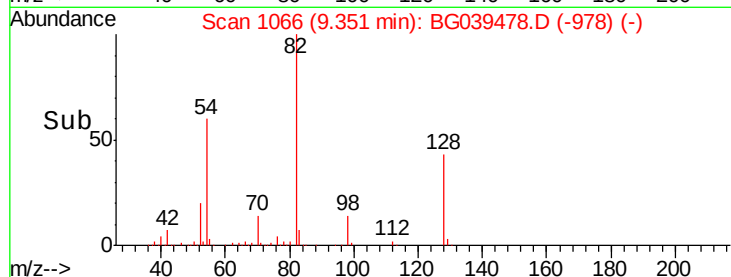
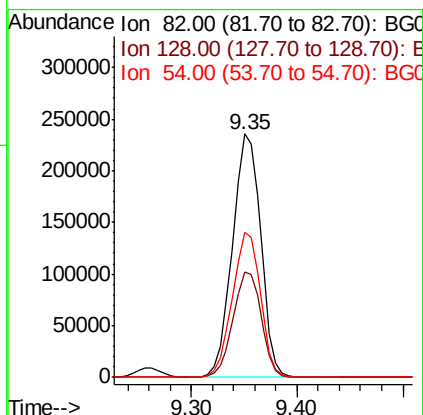
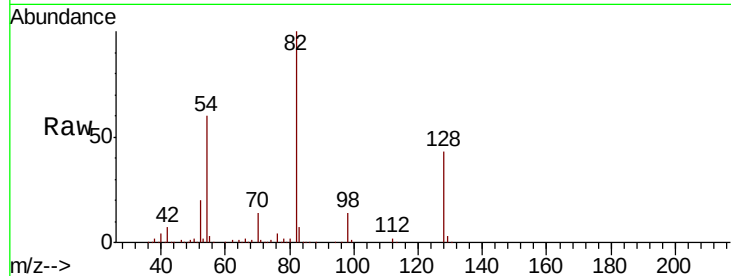




#23
 Nitrobenzene-d5
 Concen: 95.059 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

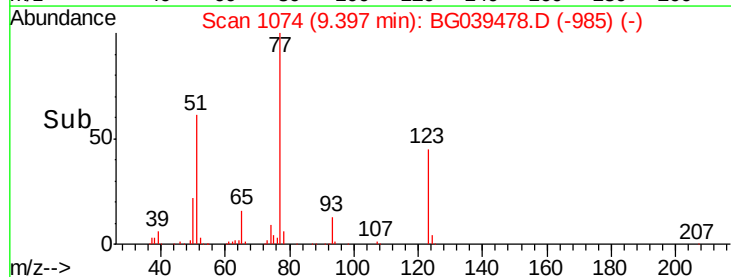
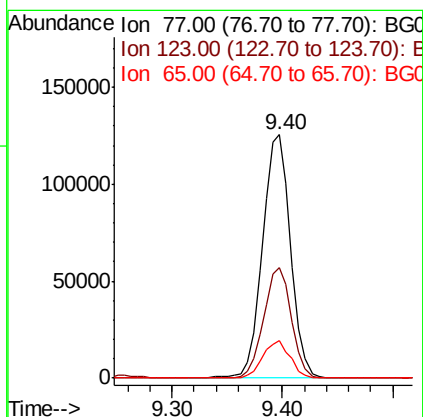
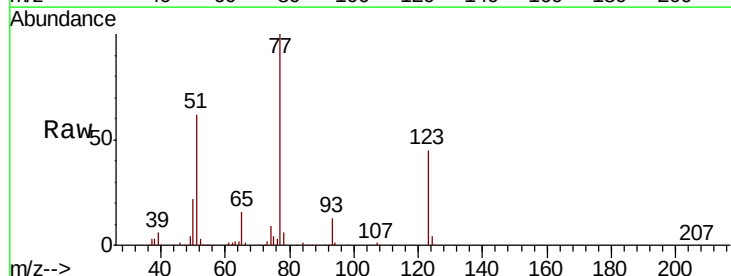
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

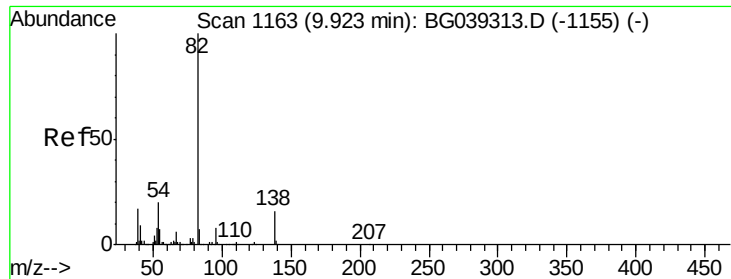
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	59.5	50.9	76.3



#24
 Nitrobenzene
 Concen: 45.056 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	34.1	51.1
65	15.6	12.3	18.5





#25

Isophorone

Concen: 37.499 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

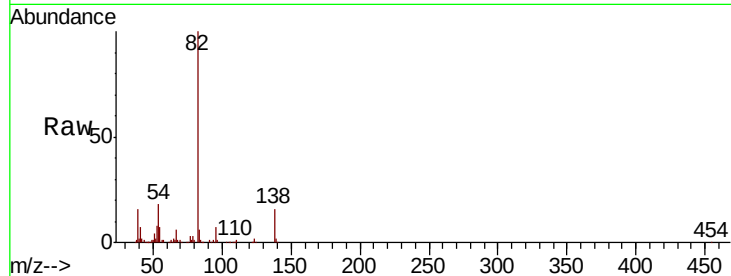
Tgt Ion: 82 Resp: 379362

Ion Ratio Lower Upper

82 100

95 7.5 6.2 9.2

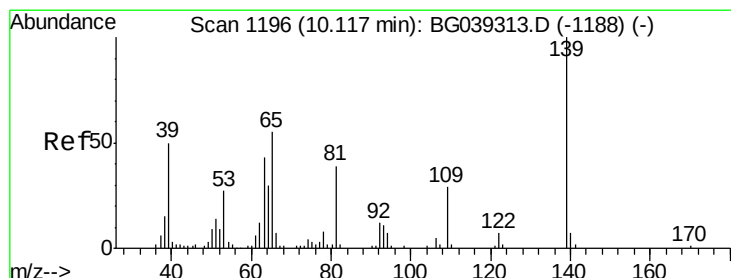
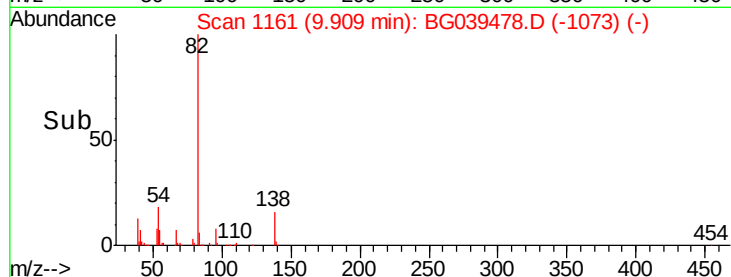
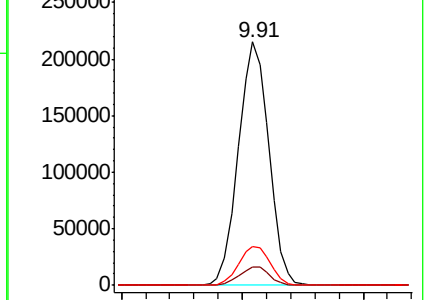
138 16.1 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039313.D (-1155) (-)

Ion 95.00 (94.70 to 95.70): BG039313.D (-1155) (-)

Ion 138.00 (137.70 to 138.70): BG039313.D (-1155) (-)



#26

2-Nitrophenol

Concen: 54.717 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

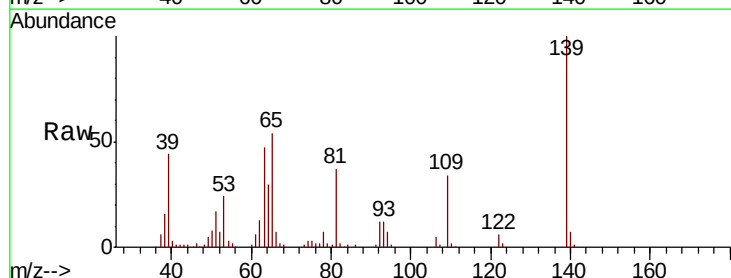
Tgt Ion: 139 Resp: 110533

Ion Ratio Lower Upper

139 100

109 33.8 23.4 35.0

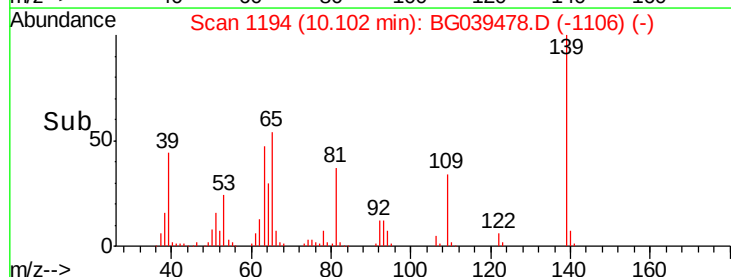
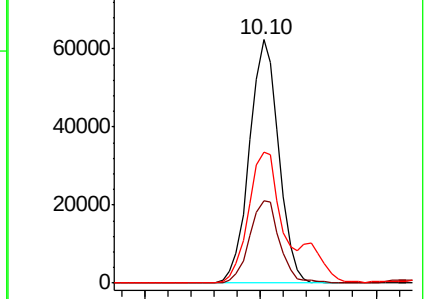
65 53.7 44.3 66.5

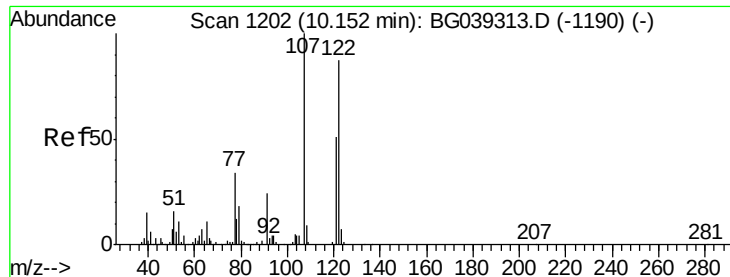


Abundance Ion 139.00 (138.70 to 139.70): BG039313.D (-1188) (-)

Ion 109.00 (108.70 to 109.70): BG039313.D (-1188) (-)

Ion 65.00 (64.70 to 65.70): BG039313.D (-1188) (-)

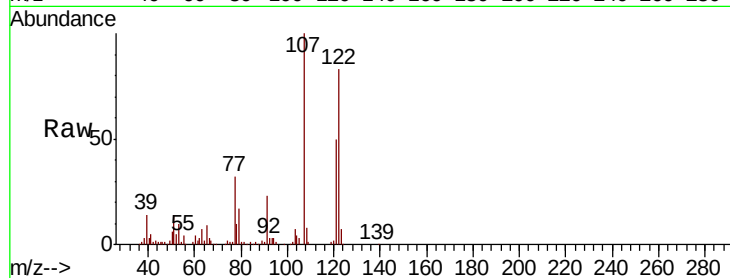




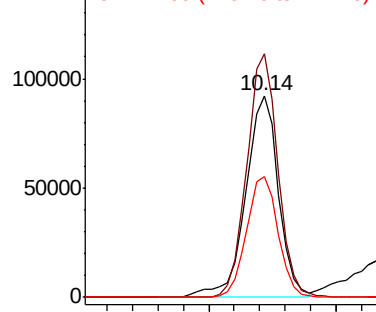
#27
 2,4-Dimethylphenol
 Concen: 40.564 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

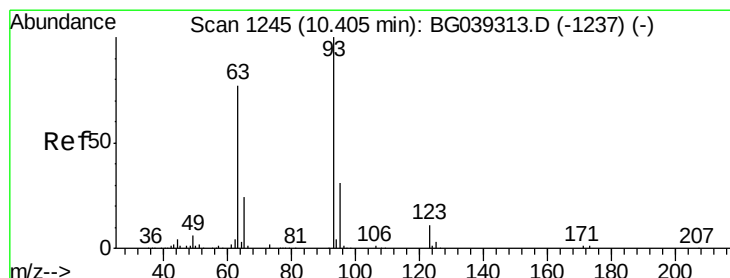
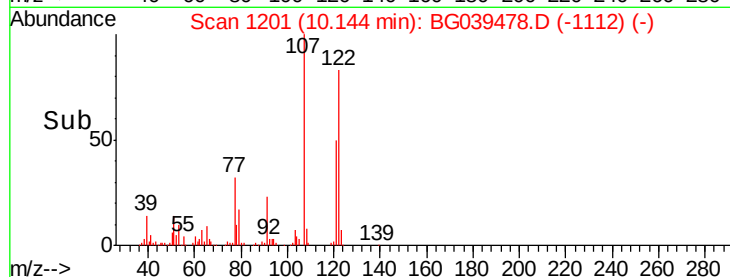
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.6	91.7	137.5
121	60.0	46.4	69.6



Abundance Ion 122.00 (121.70 to 122.70): E
 150000 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

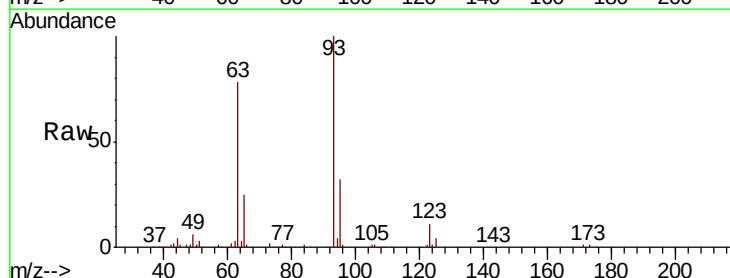


Time-->

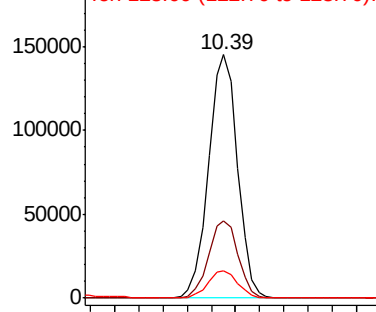


#28
 bis(2-Chloroethoxy)methane
 Concen: 38.806 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

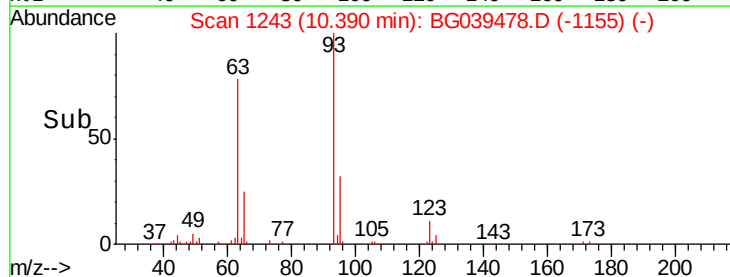
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.0	37.4
123	11.2	8.6	12.8

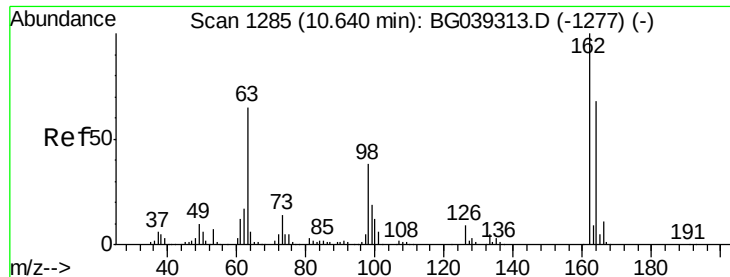


Abundance Ion 93.00 (92.70 to 93.70): BGC
 200000 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E



Time-->

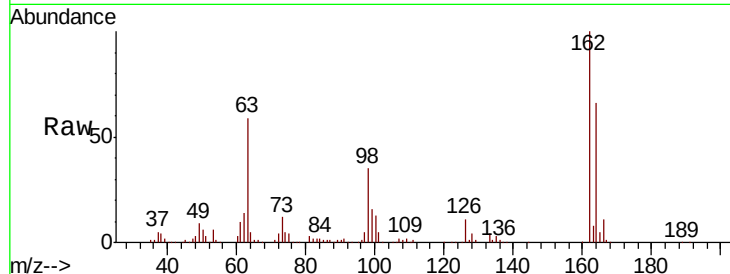




#29
2,4-Dichlorophenol
Concen: 43.480 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	48.1	88.1
98	35.1	18.1	58.1

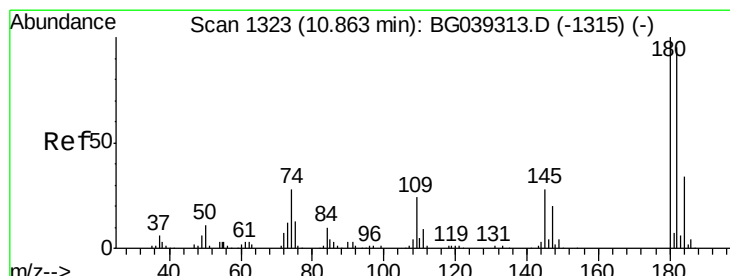
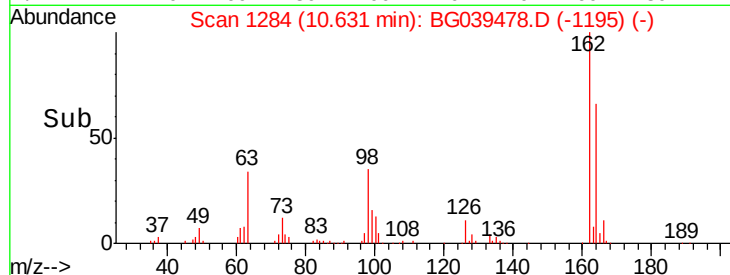
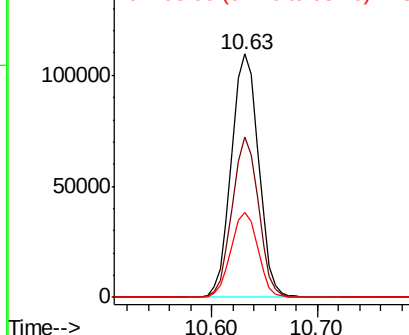


Abundance

Ion 162.00 (161.70 to 162.70): E

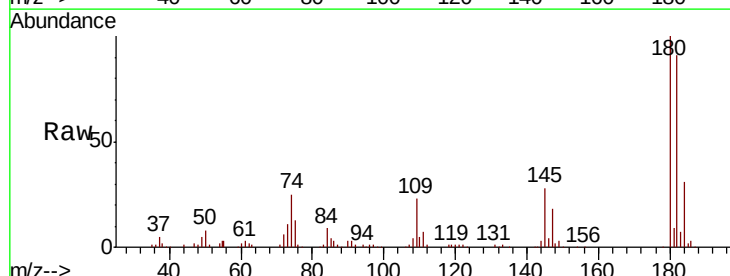
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 41.619 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	76.0	114.0
145	27.6	22.7	34.1

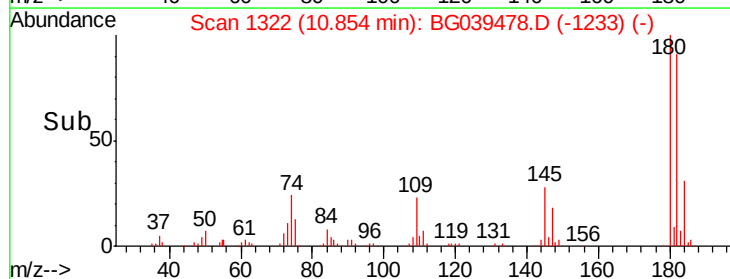
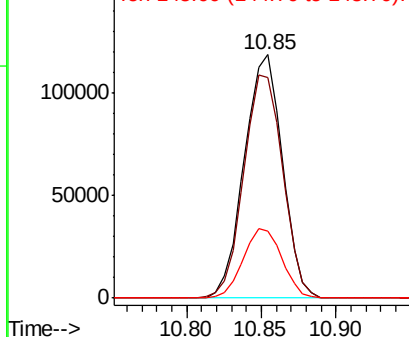


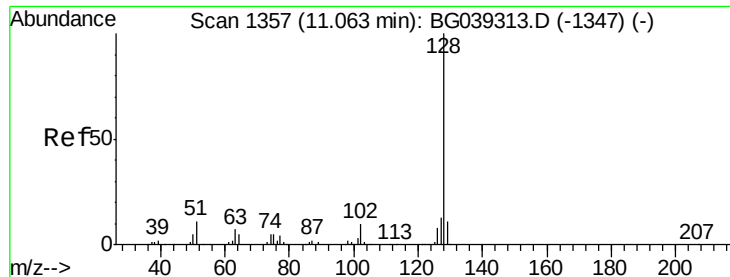
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

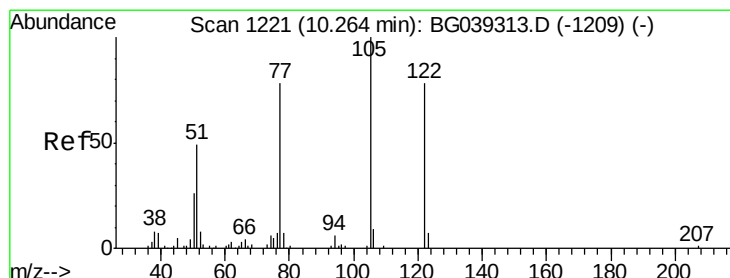
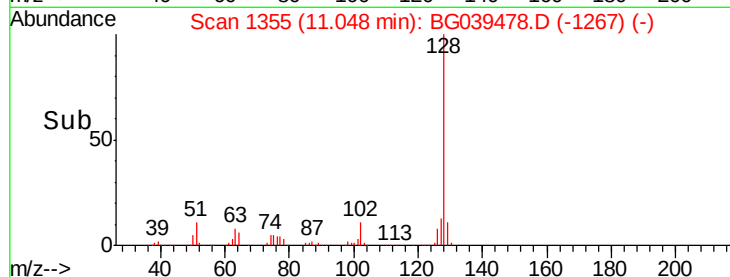
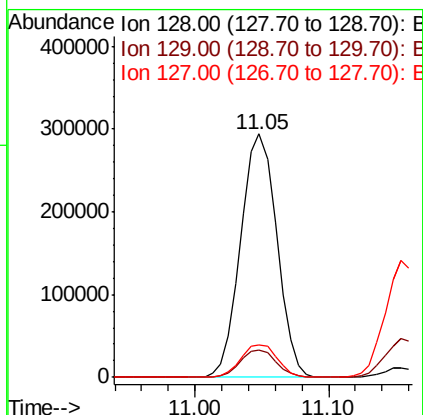
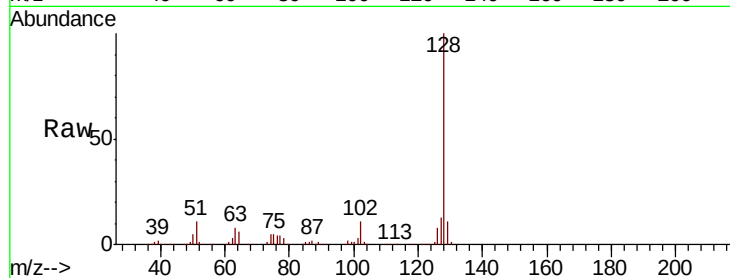




#31
Naphthalene
Concen: 38.978 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

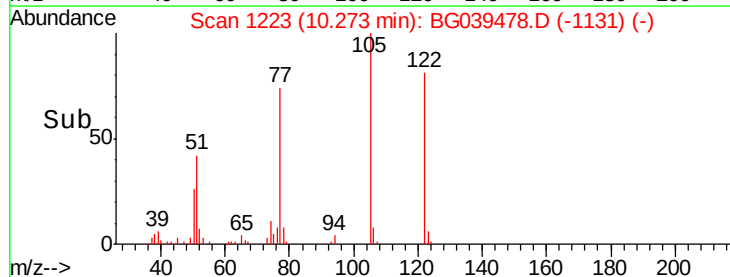
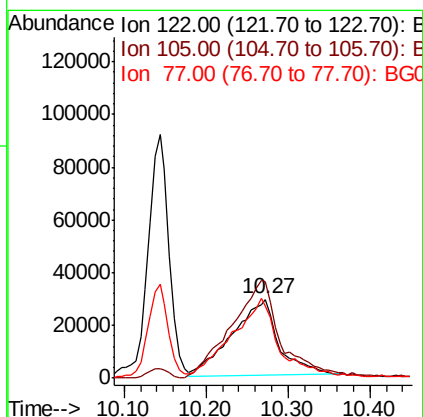
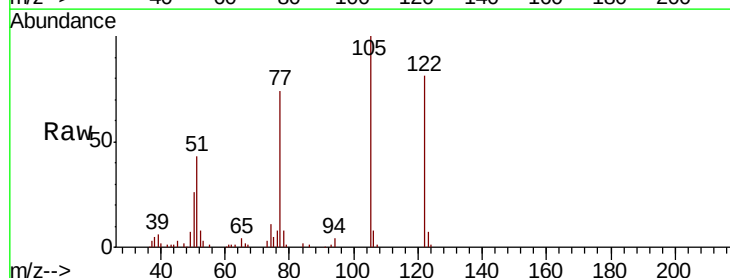
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

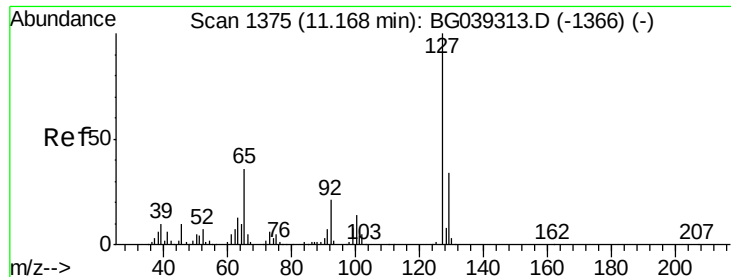
Tgt Ion:128 Resp: 551483
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 43.759 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:122 Resp: 114635
Ion Ratio Lower Upper
122 100
105 123.1 101.8 141.8
77 91.6 76.3 116.3

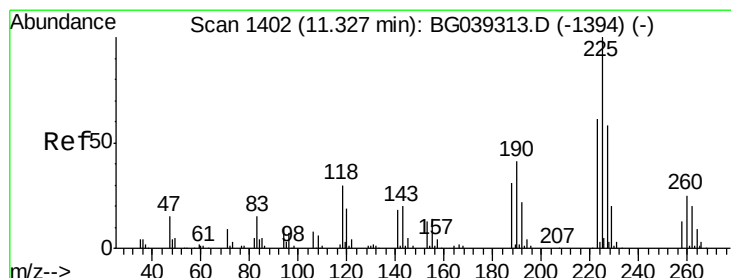
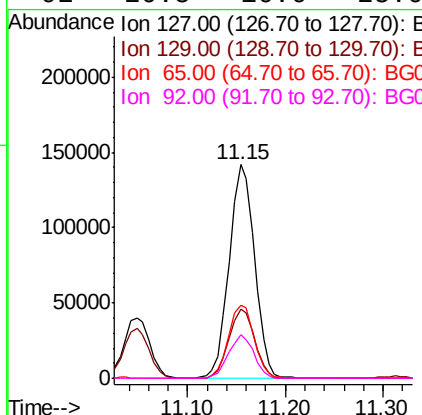
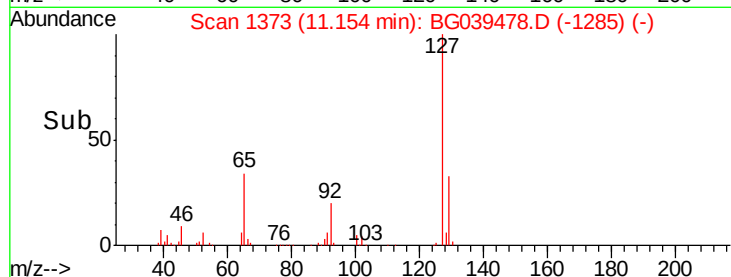
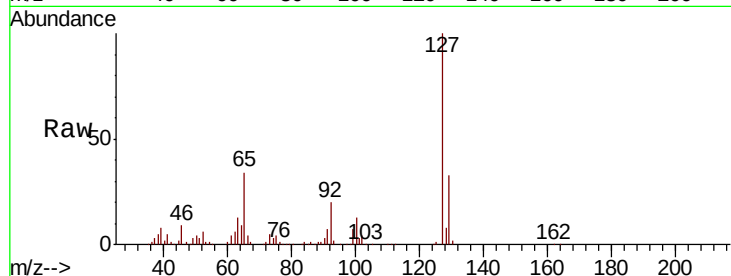




#33
4-Chloroaniline
Concen: 39.232 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

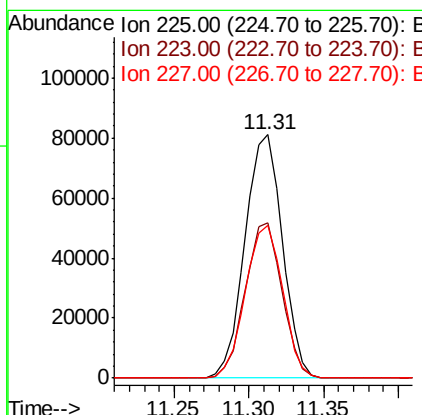
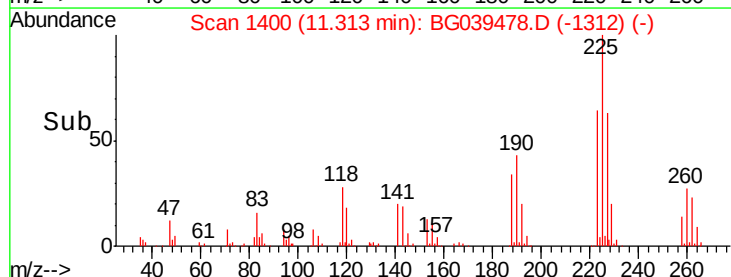
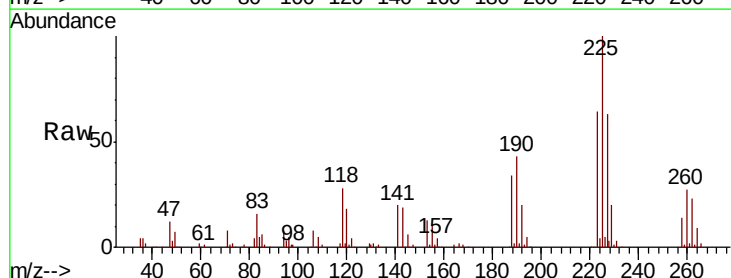
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

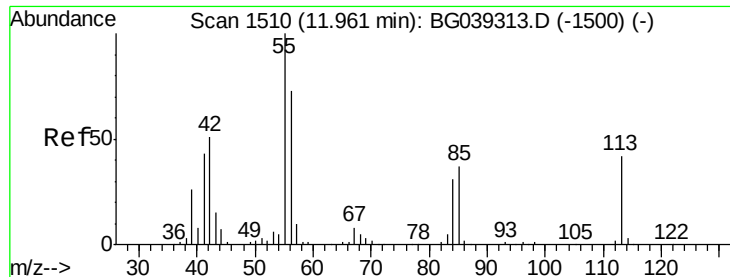
Tgt Ion:	127	Resp:	257371
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.4
65	34.3	28.8	43.2
92	20.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.054 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:	225	Resp:	140437
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.0	73.6
227	62.9	46.3	69.5





#35

Caprolactam

Concen: 39.517 ng

RT: 11.95 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

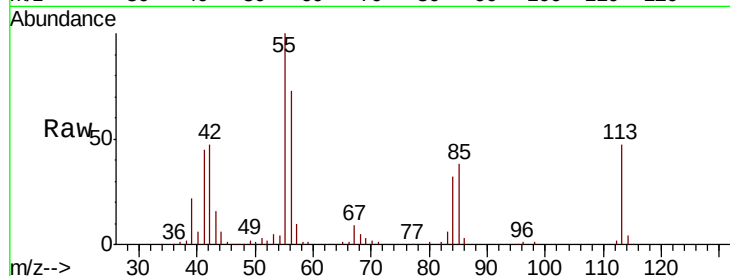
Tgt Ion:113 Resp: 73140

Ion Ratio Lower Upper

113 100

55 211.5 216.9 256.9#

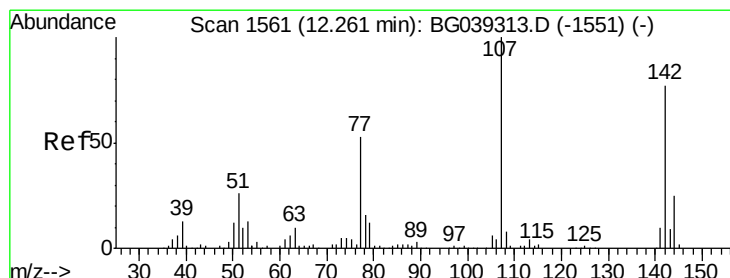
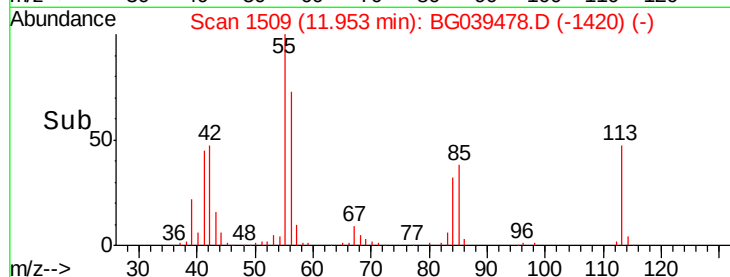
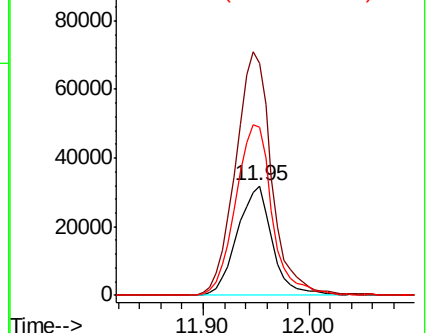
56 153.9 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.840 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

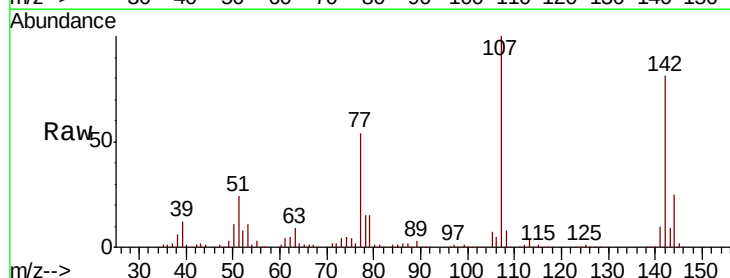
Tgt Ion:107 Resp: 211256

Ion Ratio Lower Upper

107 100

144 24.9 20.2 30.2

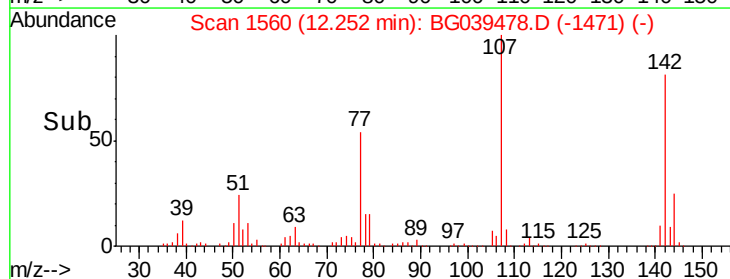
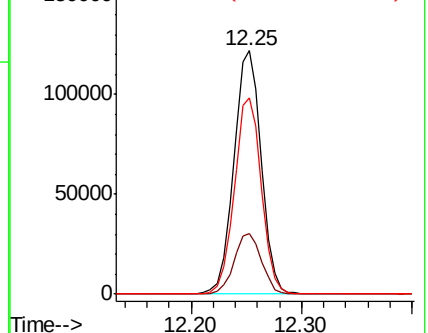
142 80.7 61.4 92.2

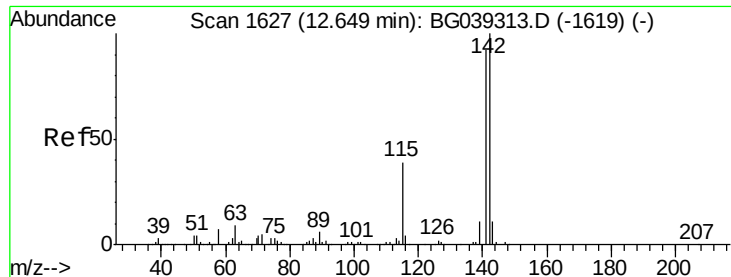


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

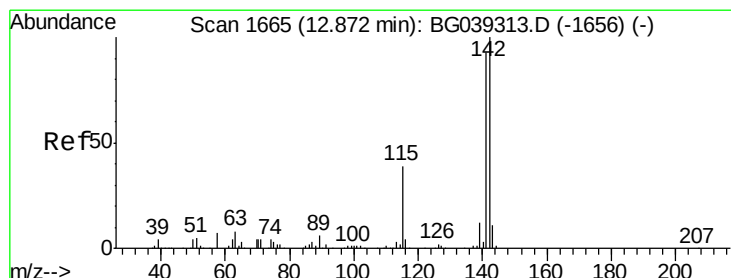
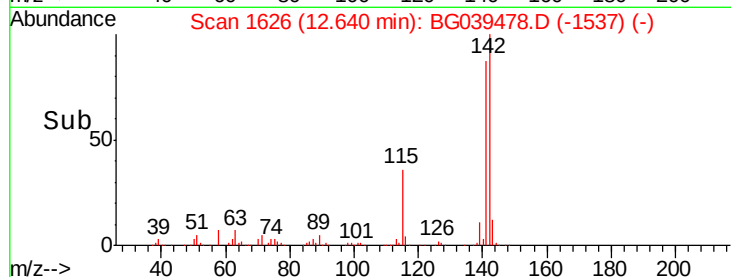
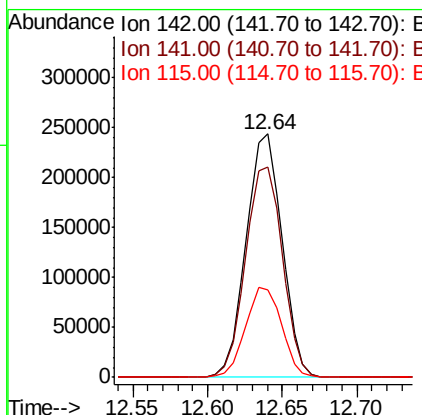
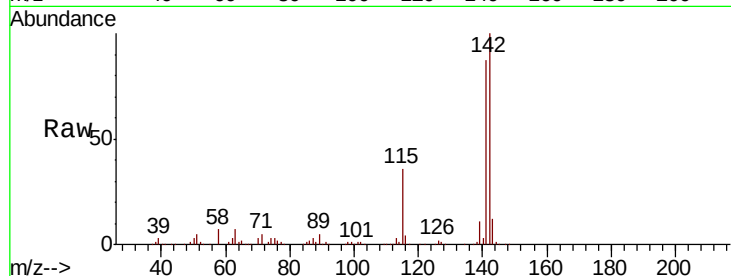




#37
 2-Methylnaphthalene
 Concen: 38.689 ng
 RT: 12.64 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

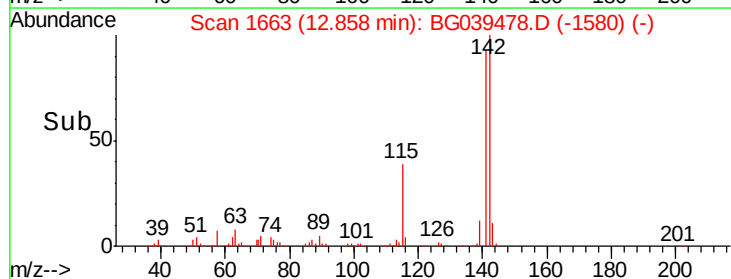
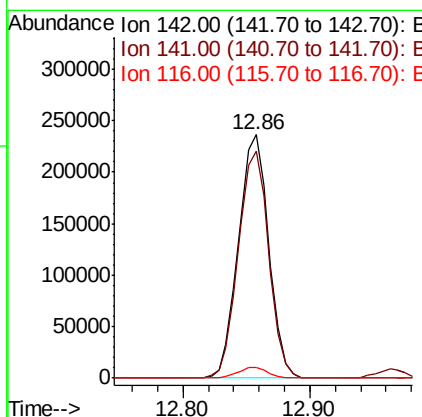
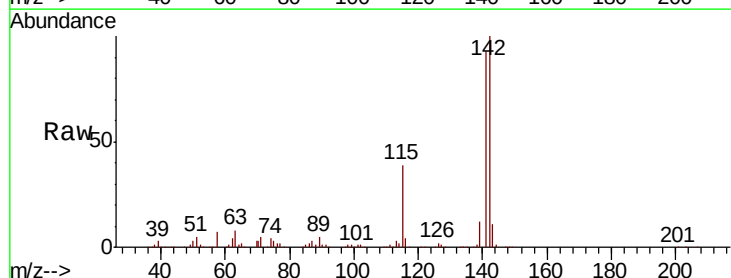
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

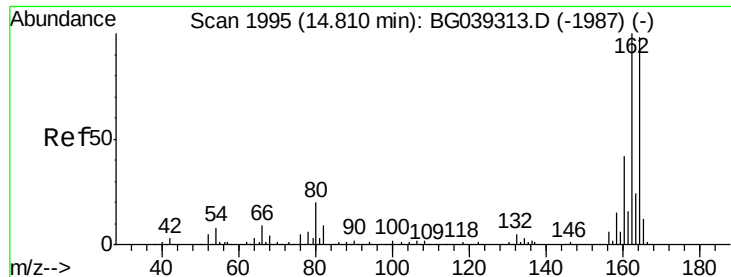
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.6	73.5	110.3
115	35.9	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 38.597 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.2	111.4
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

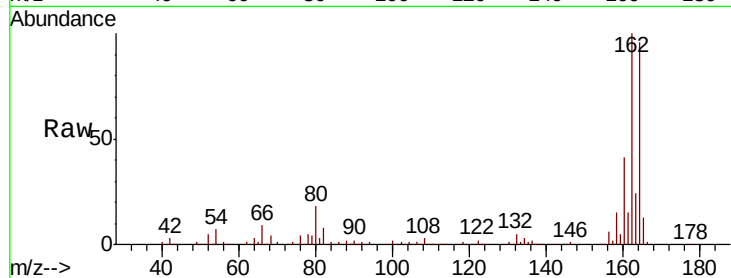
Tgt Ion:164 Resp: 182704

Ion Ratio Lower Upper

164 100

162 104.5 81.6 122.4

160 43.4 34.2 51.2

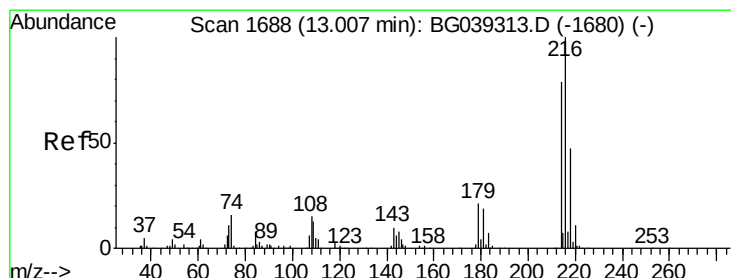
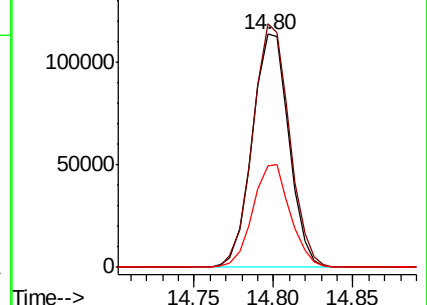
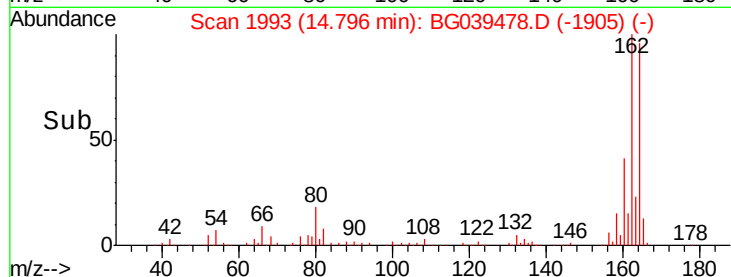


Abundance

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: 43.028 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Tgt Ion:216 Resp: 250127

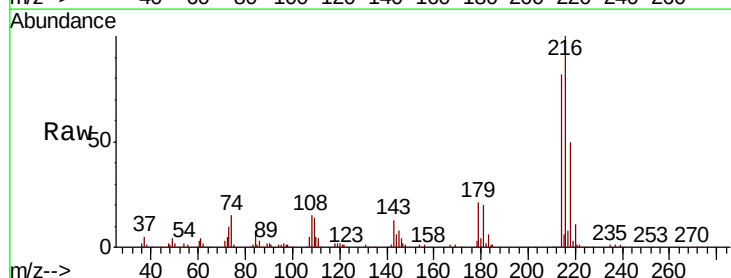
Ion Ratio Lower Upper

216 100

214 79.5 62.6 94.0

179 20.2 16.6 25.0

108 16.6 14.0 21.0



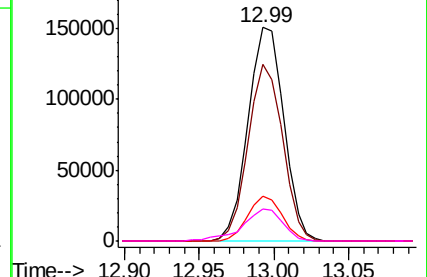
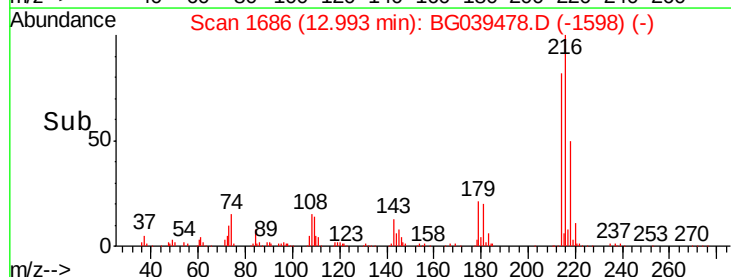
Abundance

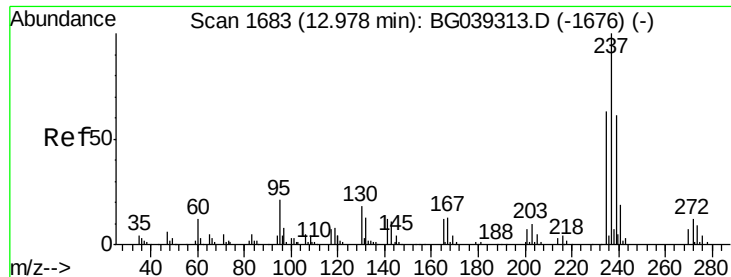
Ion 216.00 (215.70 to 216.70): E

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: 38.568 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

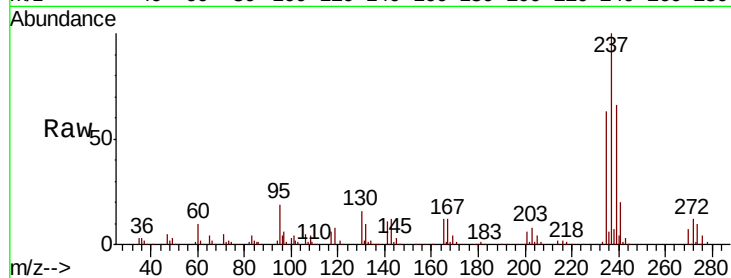
Tgt Ion: 237 Resp: 122169

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

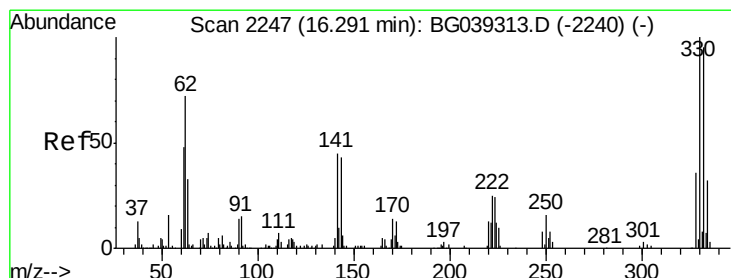
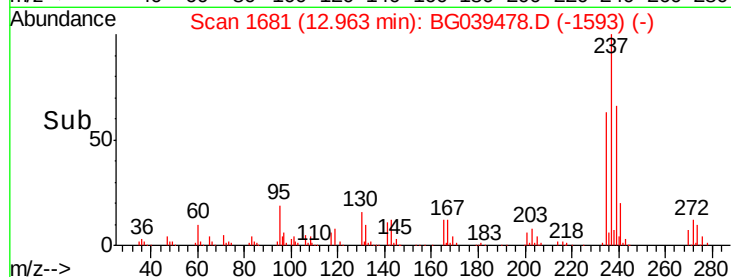
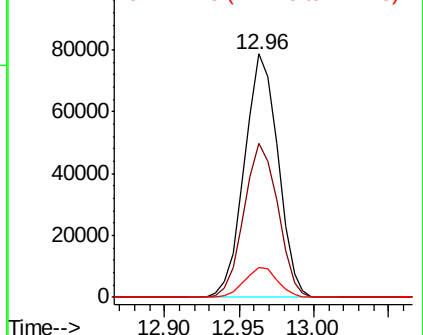
272 12.2 0.0 32.3



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: 87.700 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

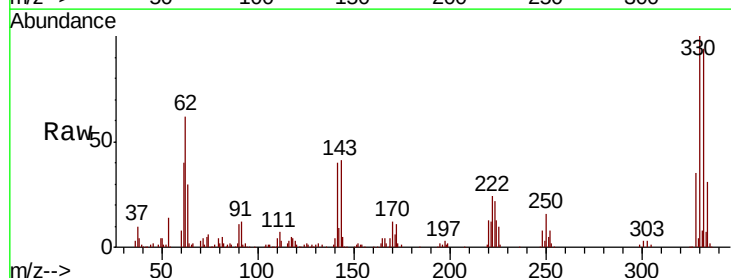
Tgt Ion: 330 Resp: 172541

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

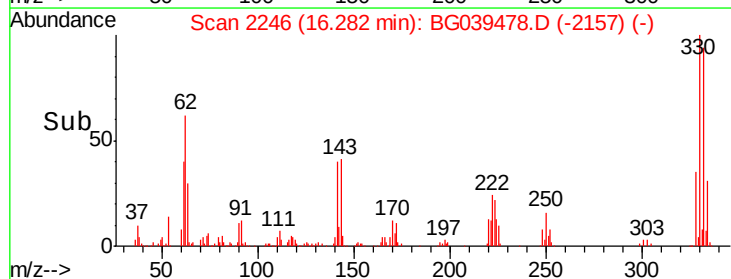
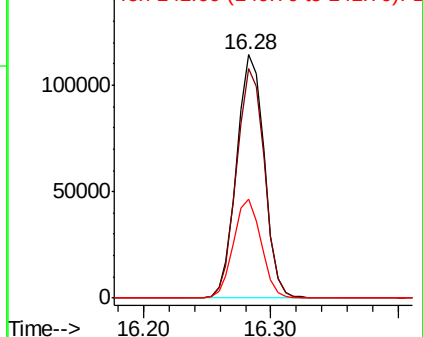
141 40.3 35.6 53.4

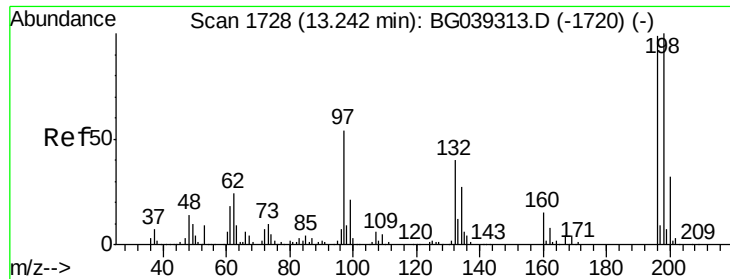


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

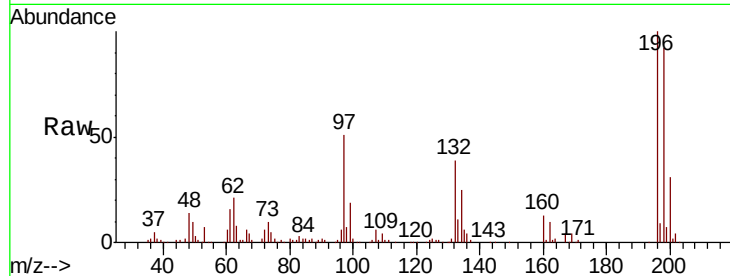




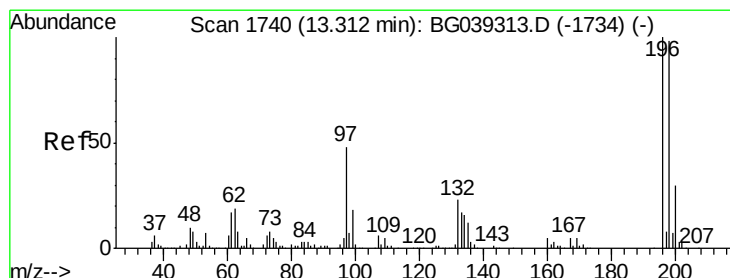
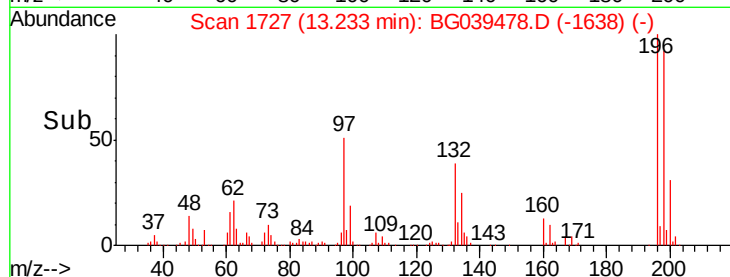
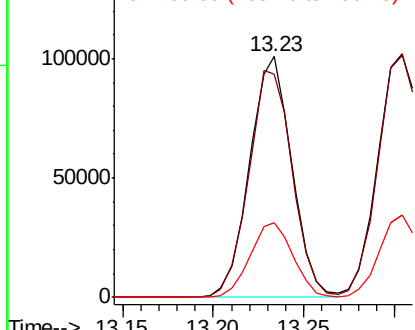
#43
 2,4,6-Trichlorophenol
 Concen: 45.587 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion:196 Resp: 162936
 Ion Ratio Lower Upper
 196 100
 198 92.5 80.6 121.0
 200 30.8 26.1 39.1

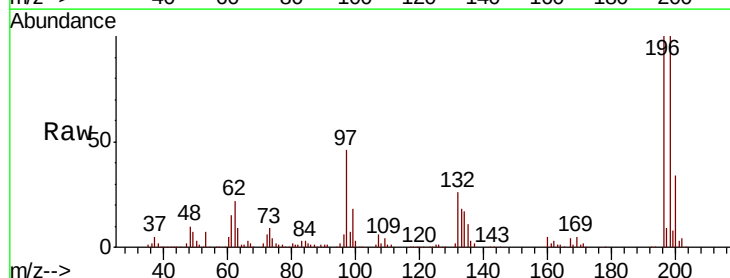


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

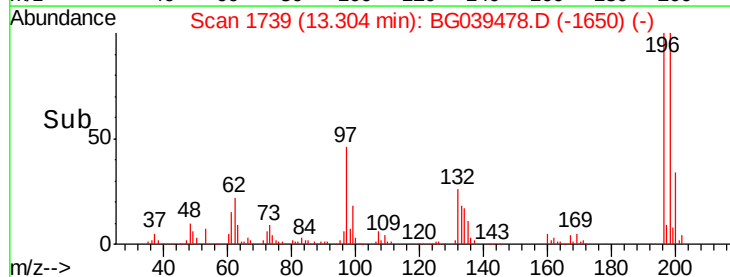
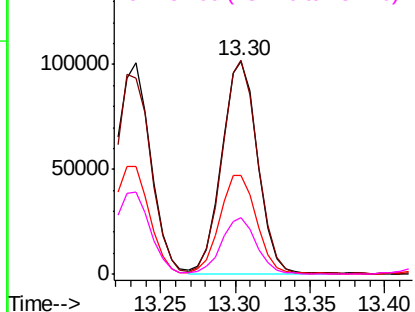


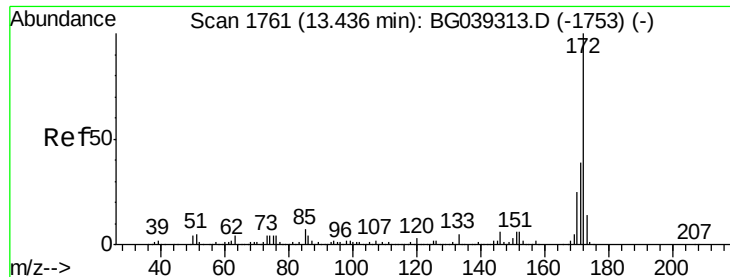
#44
 2,4,5-Trichlorophenol
 Concen: 45.469 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

Tgt Ion:196 Resp: 170330
 Ion Ratio Lower Upper
 196 100
 198 100.2 78.5 117.7
 97 46.3 38.4 57.6
 132 26.4 19.2 28.8



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

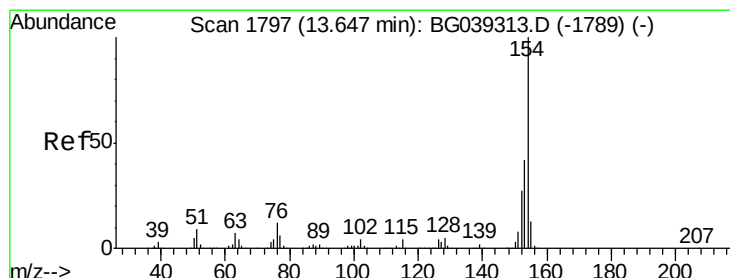
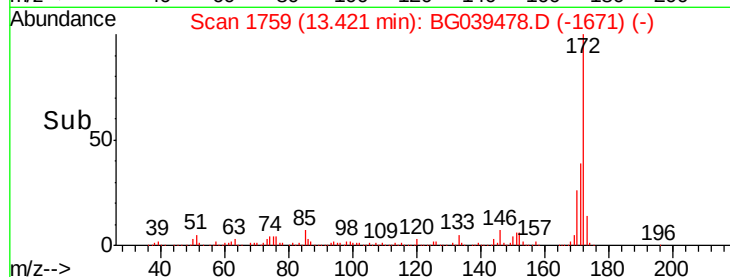
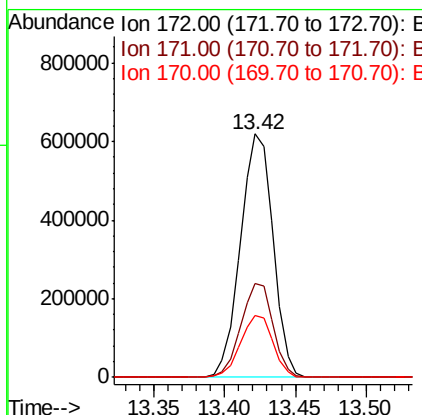
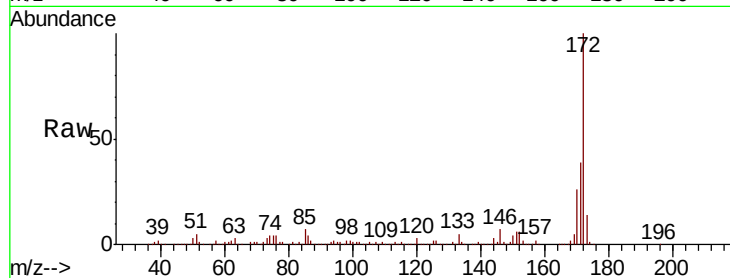




#45
 2-Fluorobiphenyl
 Concen: 78.731 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

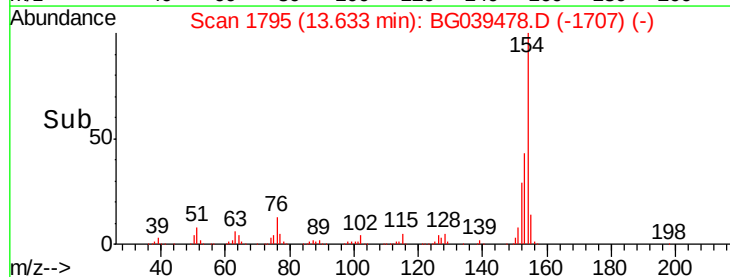
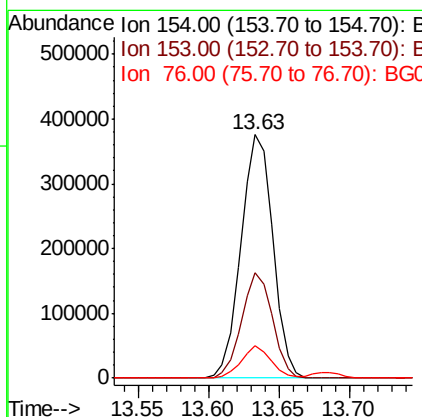
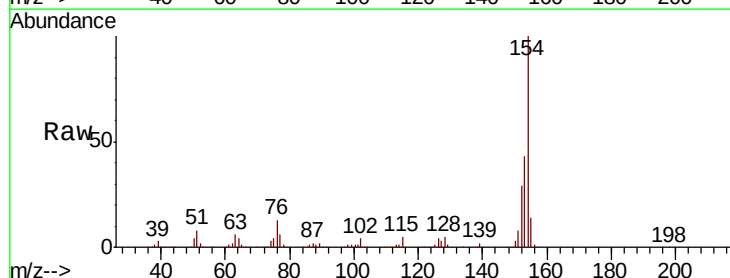
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

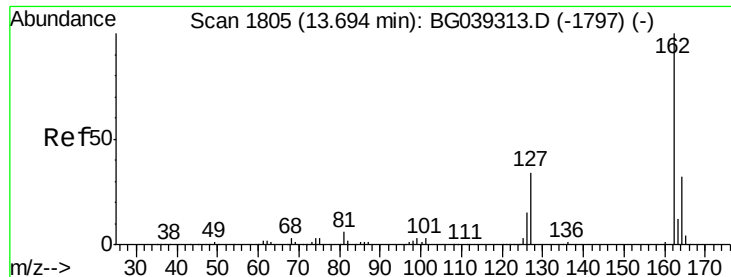
Tgt Ion:172 Resp: 1002714
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.8 46.2
 170 25.6 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 39.089 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

Tgt Ion:154 Resp: 594205
 Ion Ratio Lower Upper
 154 100
 153 43.3 22.1 62.1
 76 13.1 0.0 32.4

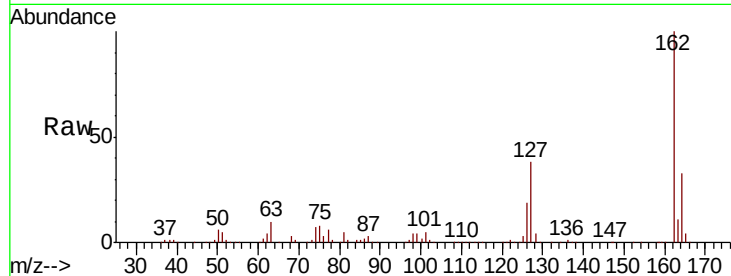




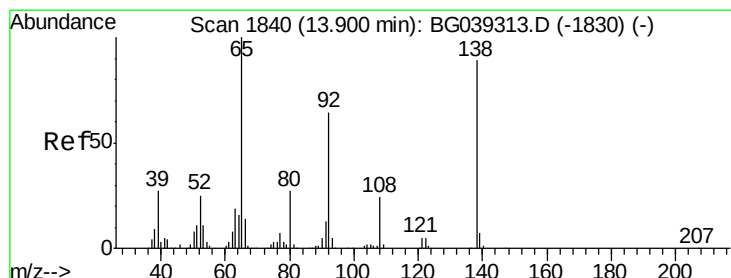
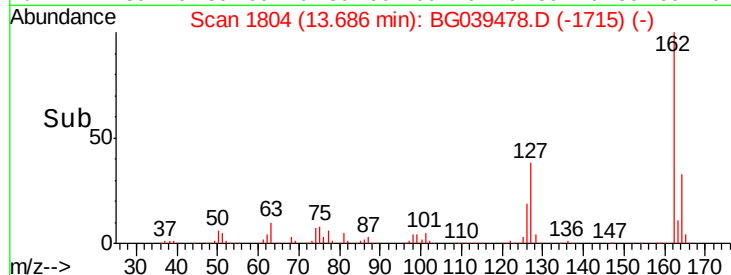
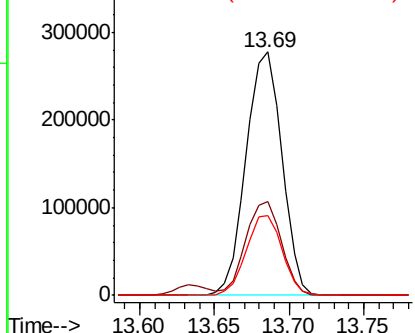
#47
 2-Chloronaphthalene
 Concen: 40.342 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 461338
 Ion Ratio Lower Upper
 162 100
 127 38.4 31.0 46.6
 164 32.9 25.7 38.5

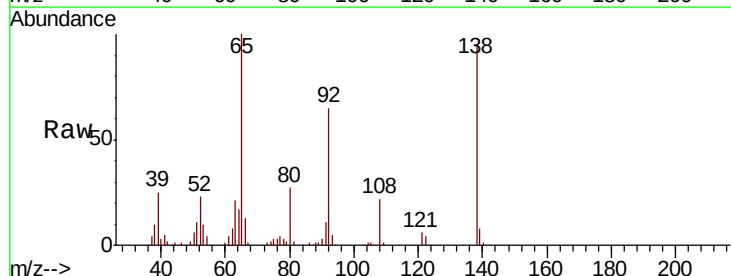


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

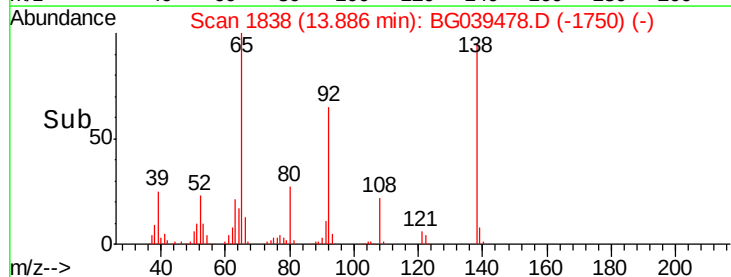
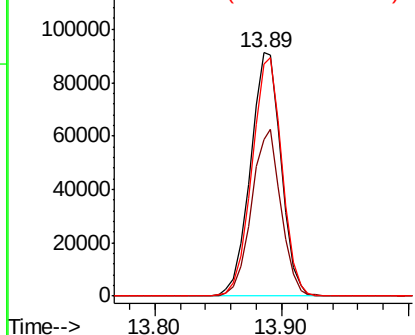


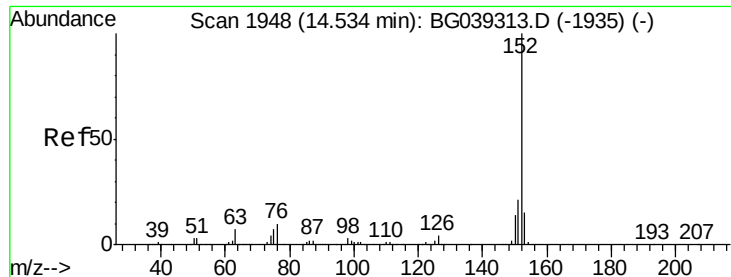
#48
 2-Nitroaniline
 Concen: 46.944 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

Tgt Ion: 65 Resp: 153488
 Ion Ratio Lower Upper
 65 100
 92 64.5 51.4 77.2
 138 95.4 71.4 107.2



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





#49

Acenaphthylene

Concen: 38.995 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

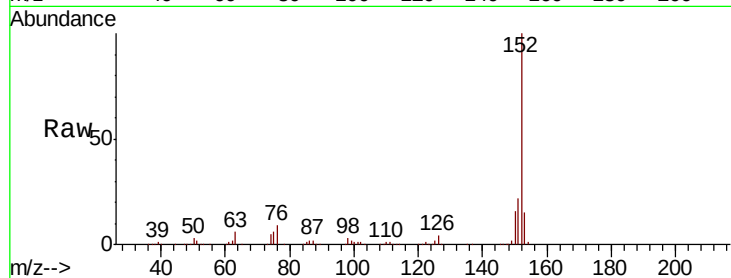
Tgt Ion:152 Resp: 672885

Ion Ratio Lower Upper

152 100

151 22.1 16.8 25.2

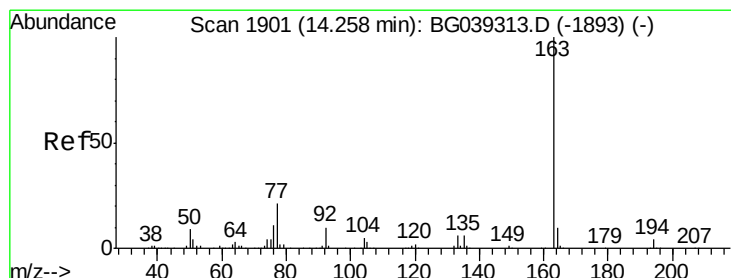
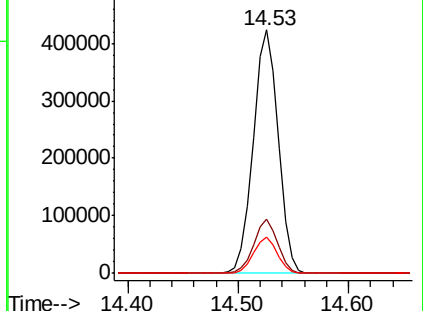
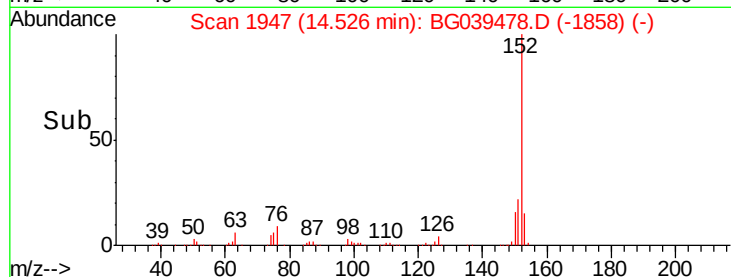
153 15.0 11.7 17.5



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: 38.676 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

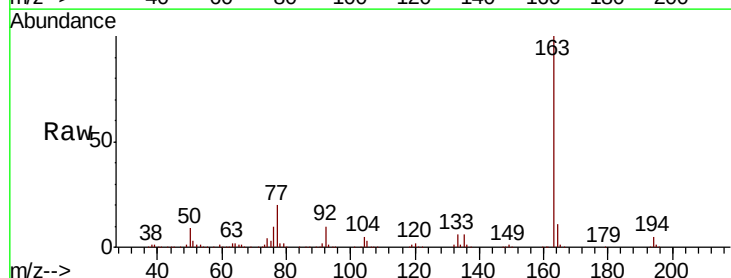
Tgt Ion:163 Resp: 570700

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

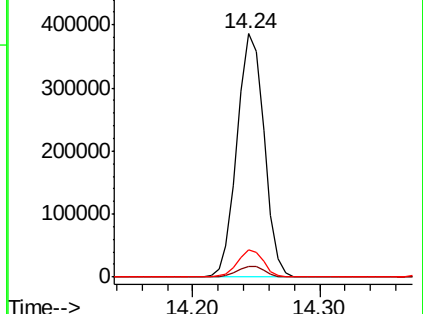
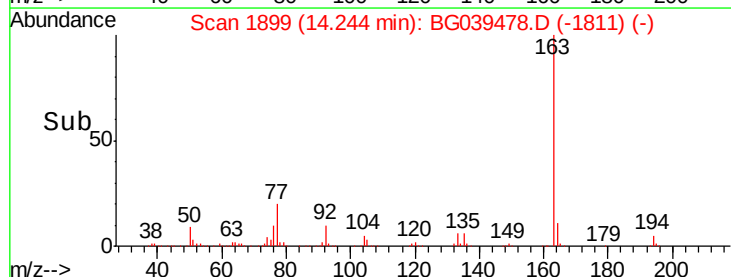
164 11.2 8.4 12.6

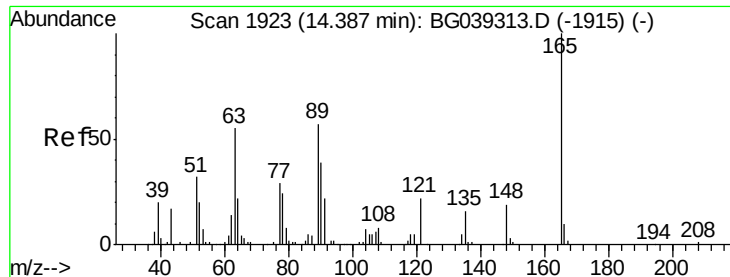


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

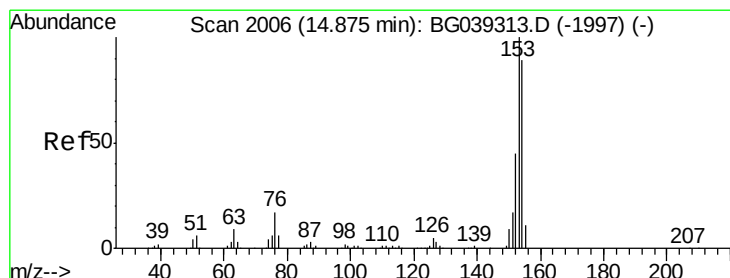
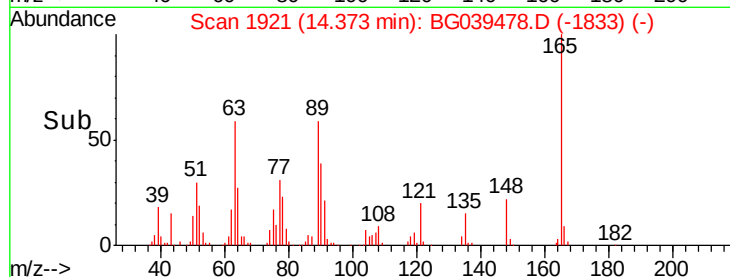
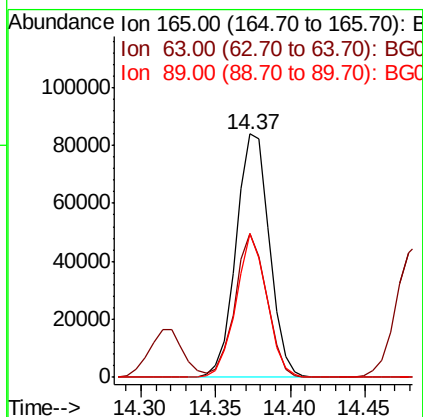
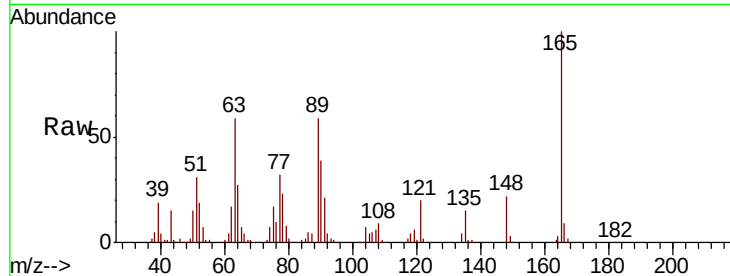




#51
2,6-Dinitrotoluene
Concen: 47.222 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

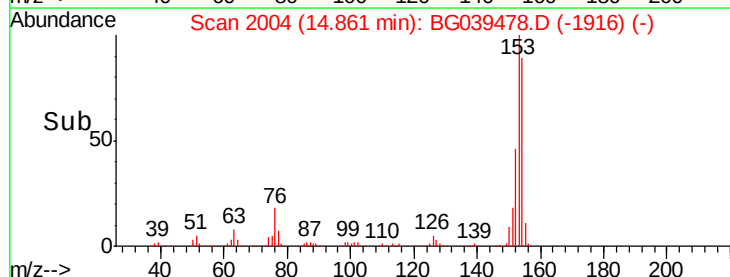
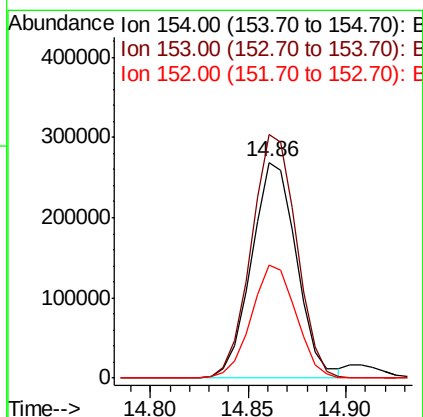
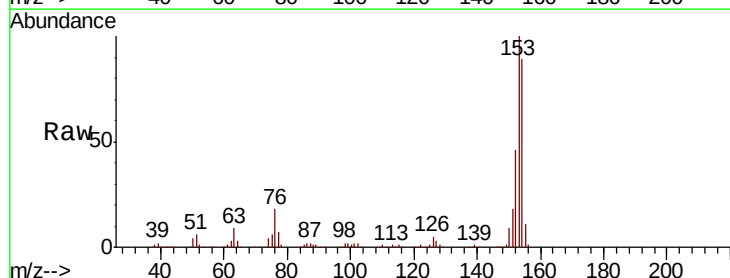
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

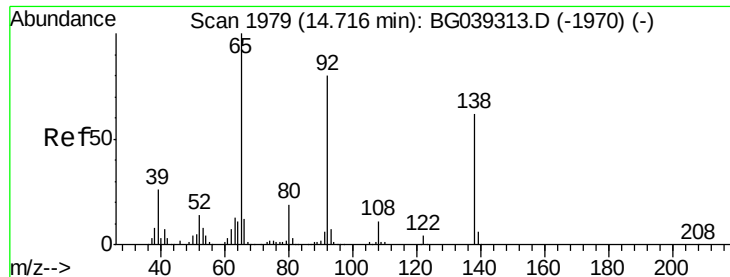
Tgt Ion:165 Resp: 129890
Ion Ratio Lower Upper
165 100
63 59.0 47.0 70.6
89 58.8 45.8 68.8



#52
Acenaphthene
Concen: 38.341 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:154 Resp: 429452
Ion Ratio Lower Upper
154 100
153 112.9 90.1 135.1
152 52.2 40.9 61.3





#53

3-Nitroaniline

Concen: 44.612 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

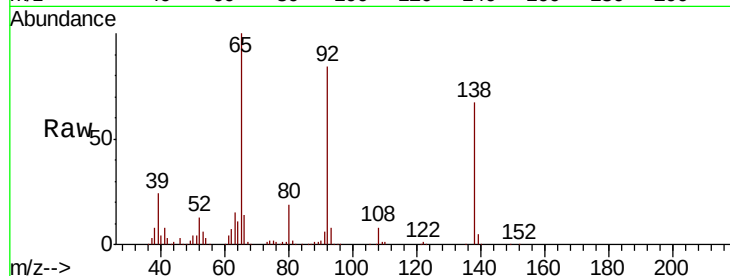
Tgt Ion:138 Resp: 131368

Ion Ratio Lower Upper

138 100

108 12.0 13.8 20.8#

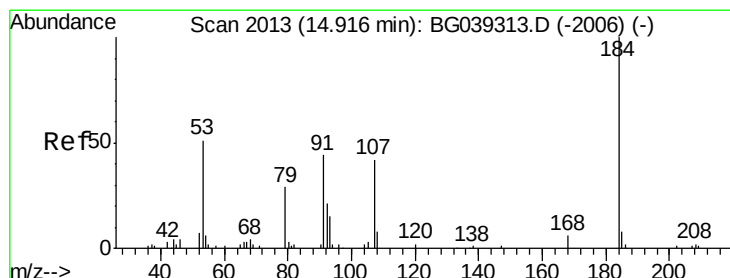
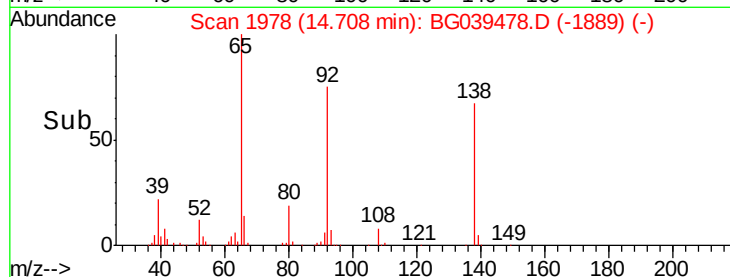
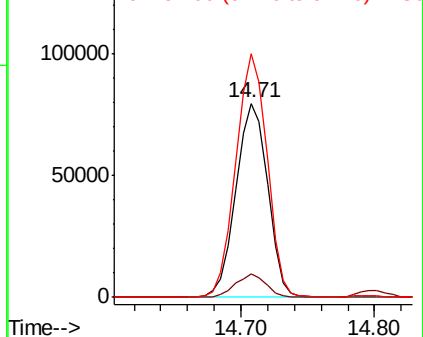
92 125.4 103.7 155.5



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: 47.430 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

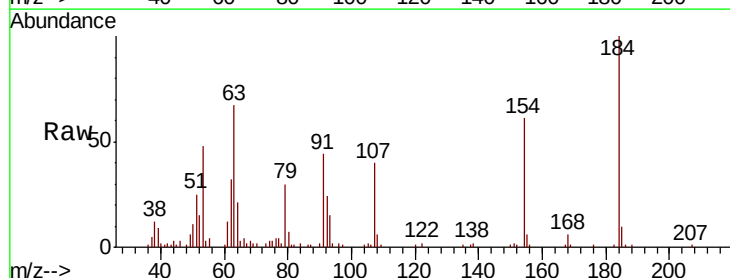
Tgt Ion:184 Resp: 46100

Ion Ratio Lower Upper

184 100

63 67.4 50.9 76.3

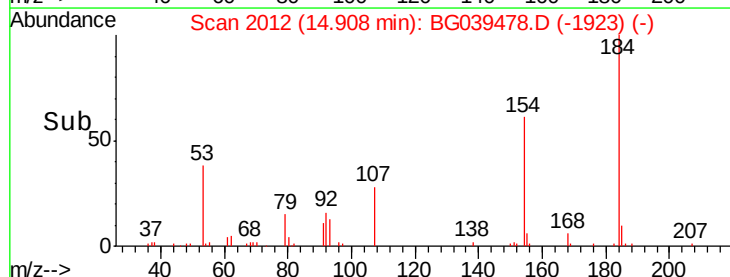
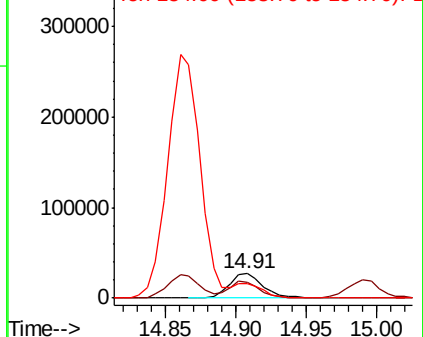
154 60.7 53.0 79.6

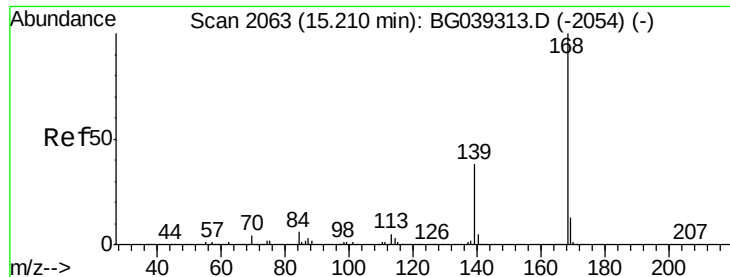


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

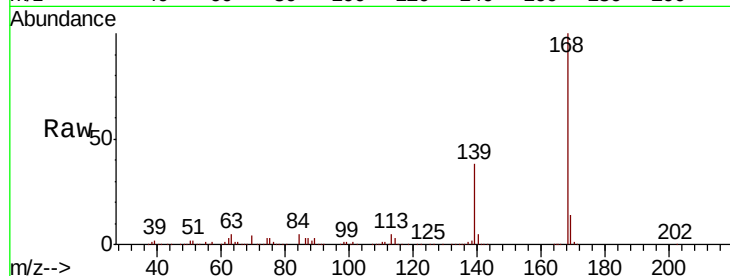




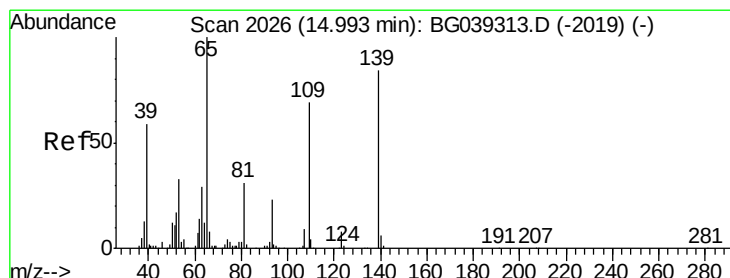
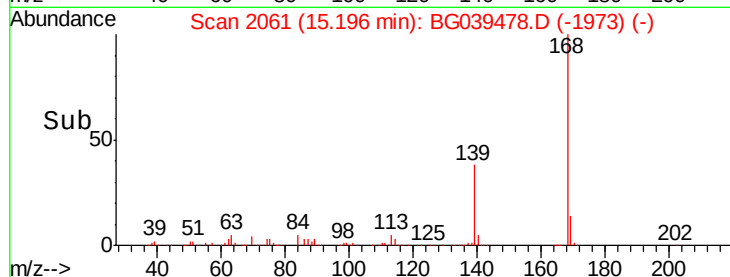
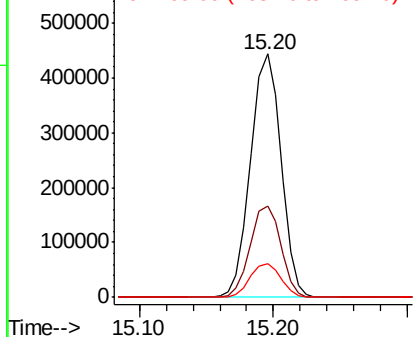
#55
Dibenzofuran
Concen: 38.882 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 698282
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 14.0 10.6 16.0

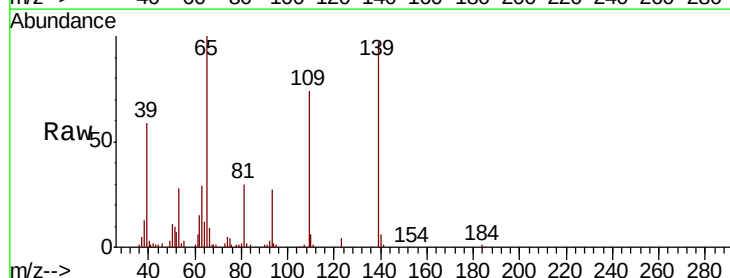


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

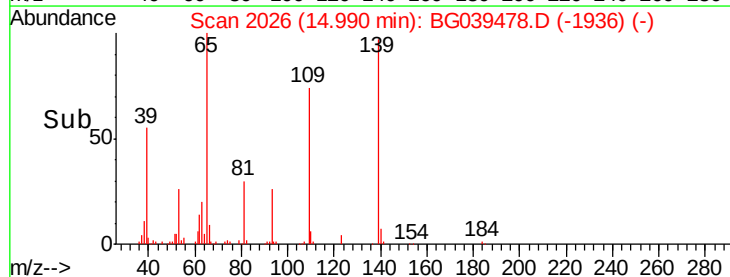
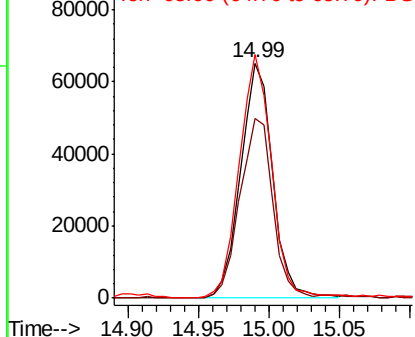


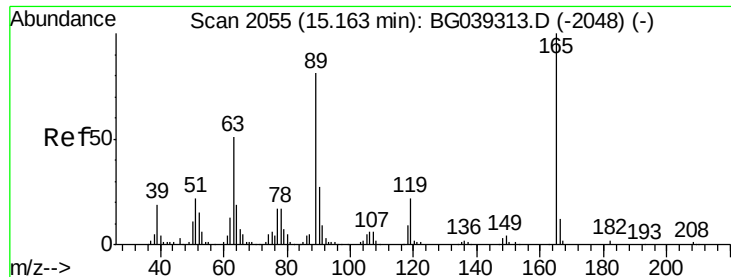
#56
4-Nitrophenol
Concen: 41.713 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:139 Resp: 103315
Ion Ratio Lower Upper
139 100
109 76.6 61.9 101.9
65 103.6 99.1 139.1



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

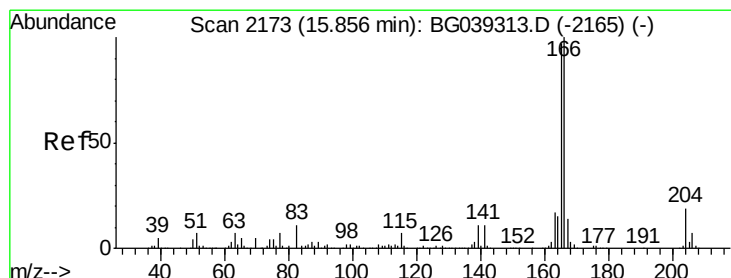
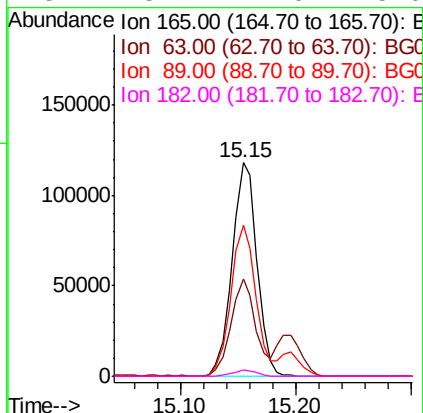
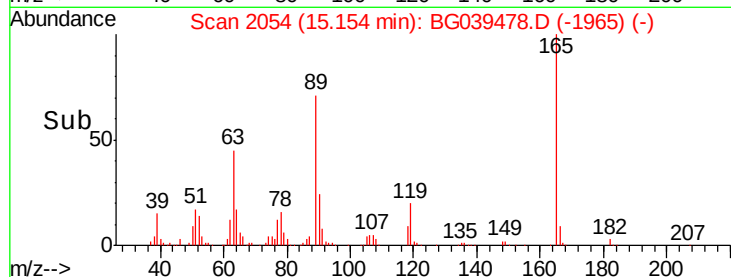
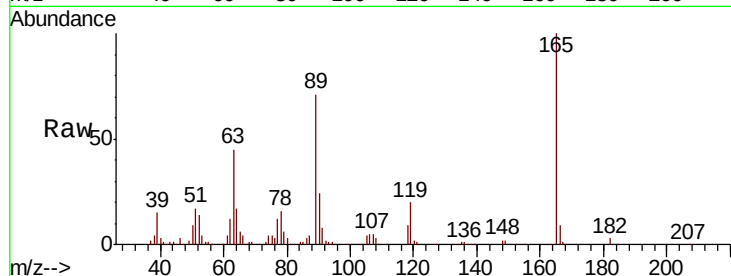




#57
2,4-Dinitrotoluene
Concen: 49.348 ng
RT: 15.15 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

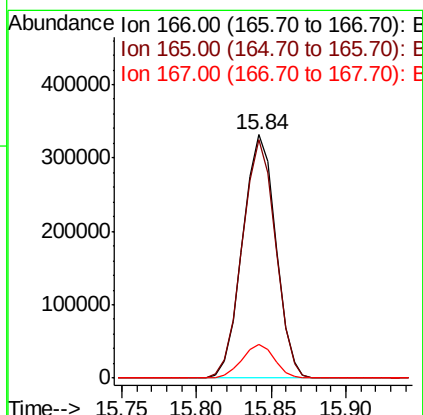
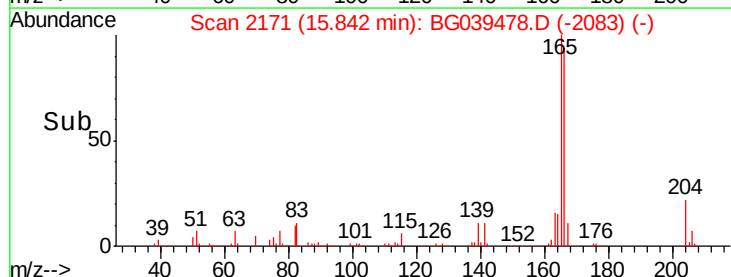
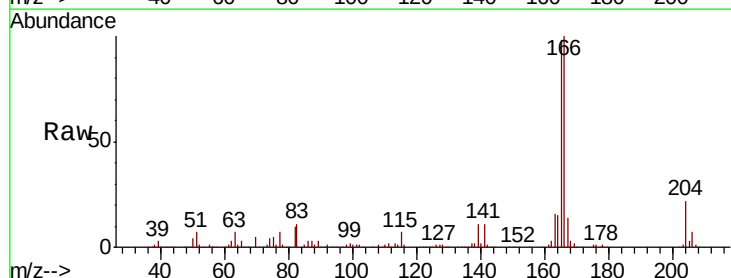
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

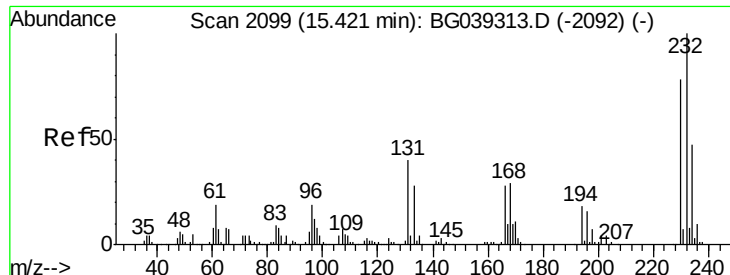
Tgt Ion:165 Resp: 175255
Ion Ratio Lower Upper
165 100
63 45.3 41.0 61.6
89 70.7 64.6 96.8
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 38.112 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:166 Resp: 510222
Ion Ratio Lower Upper
166 100
165 98.2 77.9 116.9
167 13.9 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.856 ng

RT: 15.41 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 153824

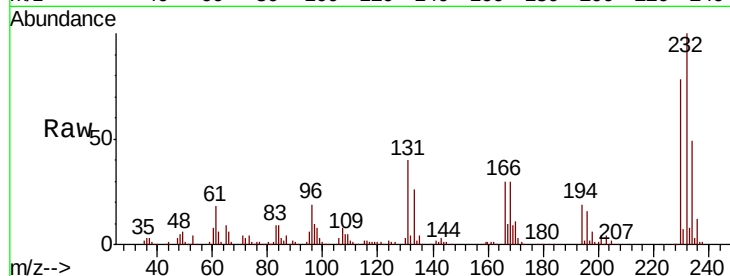
Ion Ratio Lower Upper

232 100

131 40.9 34.9 52.3

130 2.5 2.0 3.0

166 30.1 24.1 36.1

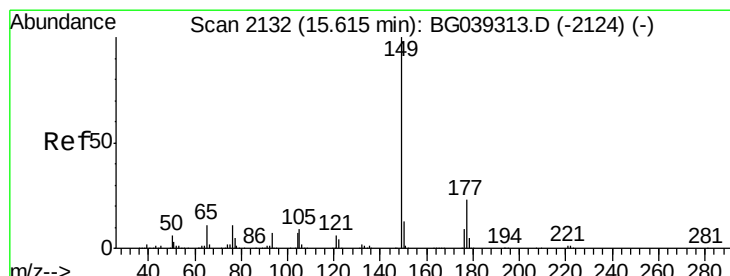
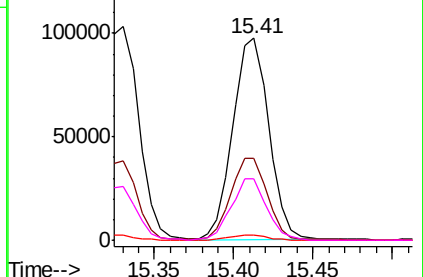
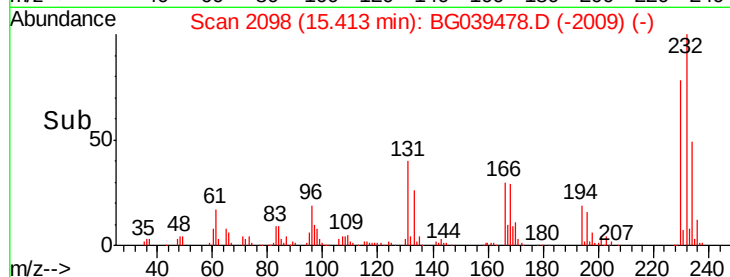


Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.798 ng

RT: 15.60 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

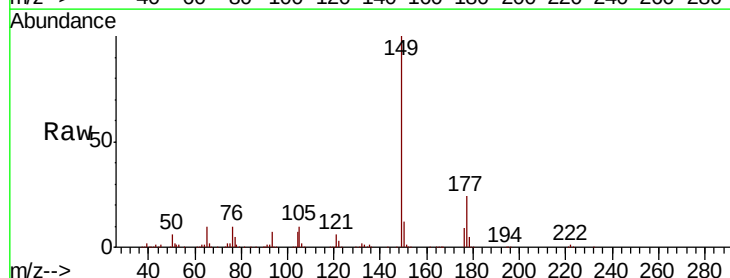
Tgt Ion:149 Resp: 561416

Ion Ratio Lower Upper

149 100

177 24.4 18.3 27.5

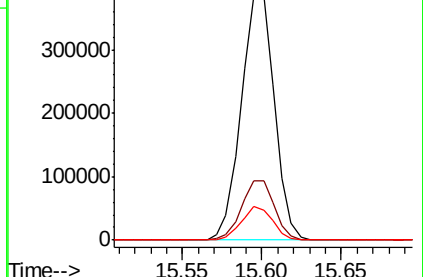
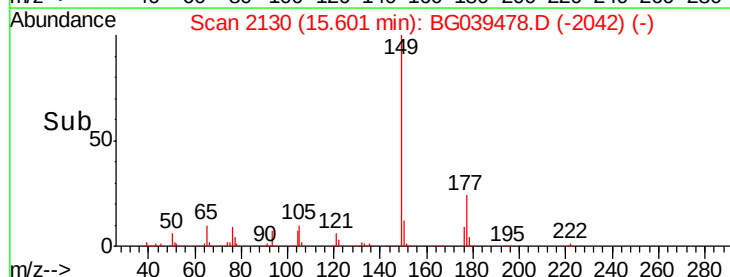
150 12.4 10.2 15.2

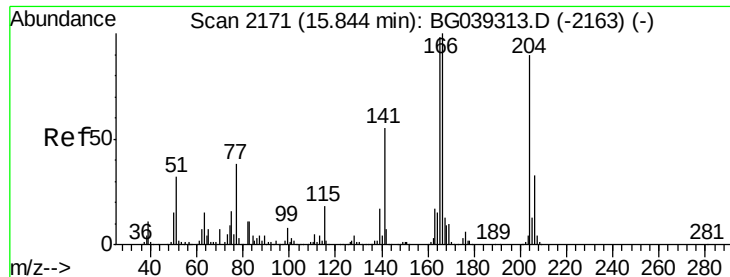


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

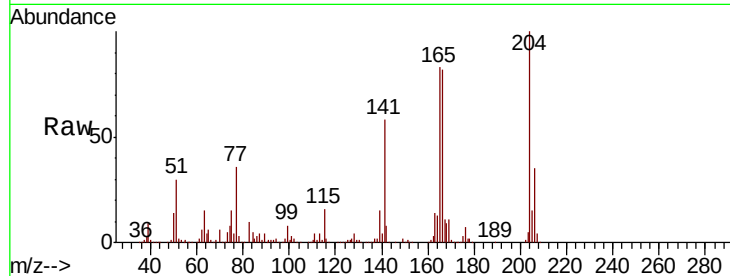




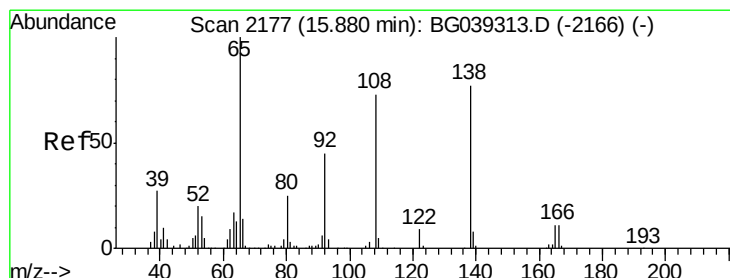
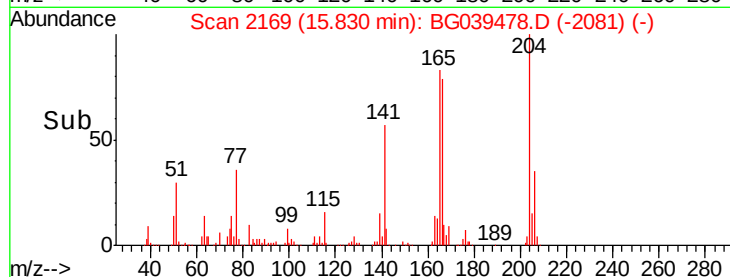
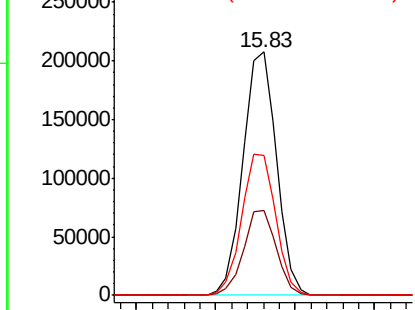
#61
4-Chlorophenyl-phenylether
Concen: 40.186 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 304630
Ion Ratio Lower Upper
204 100
206 34.9 29.2 43.8
141 57.6 49.0 73.4

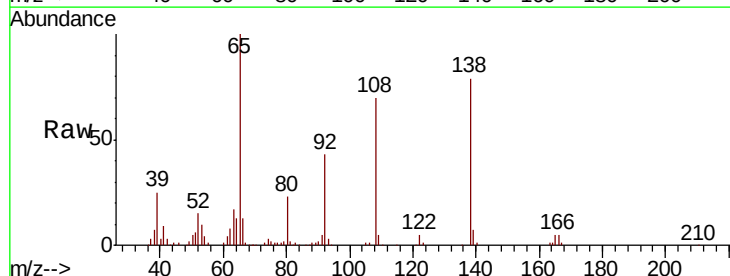


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

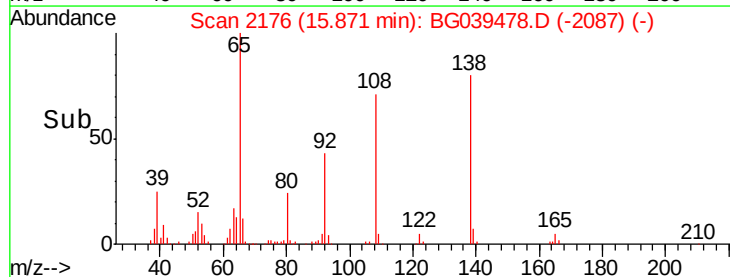
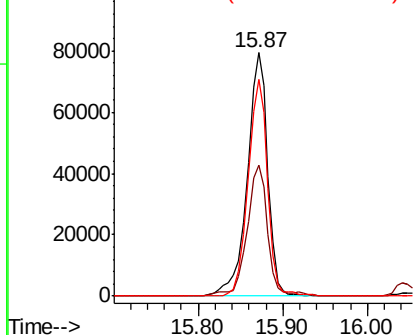


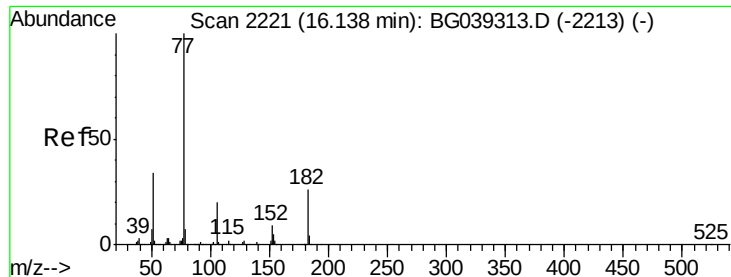
#62
4-Nitroaniline
Concen: 43.711 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:138 Resp: 133981
Ion Ratio Lower Upper
138 100
92 53.9 38.7 78.7
108 89.0 74.6 114.6



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





#63

Azobenzene

Concen: 35.610 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 531005

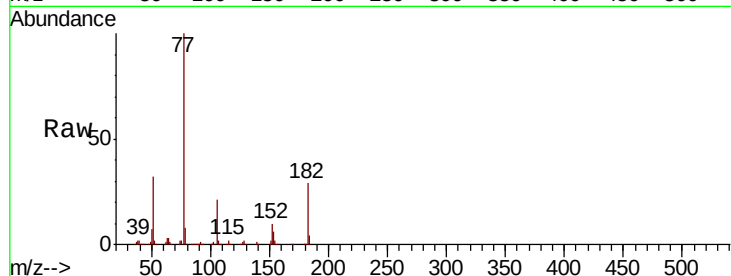
Ion Ratio Lower Upper

77 100

182 29.1 6.4 46.4

105 20.9 0.0 39.8

51 31.9 14.1 54.1

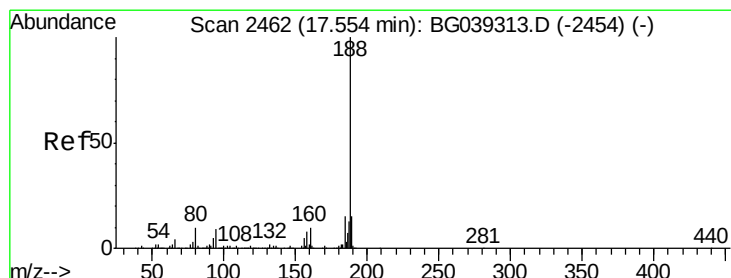
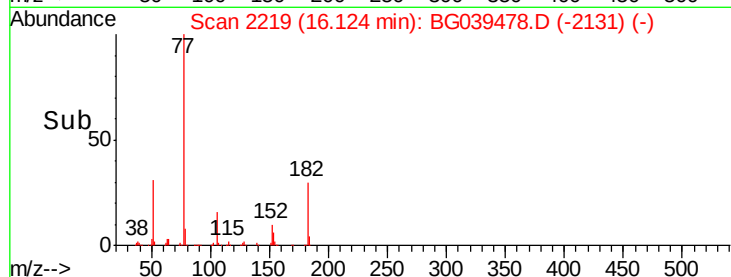
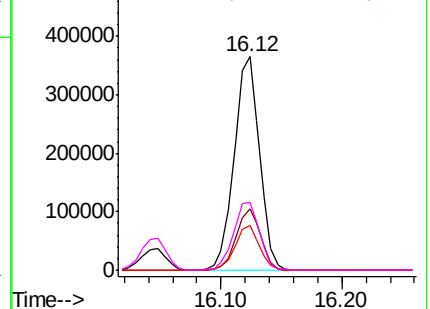


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

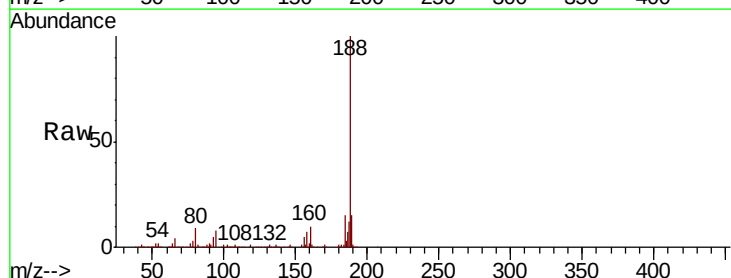
Tgt Ion: 188 Resp: 409753

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

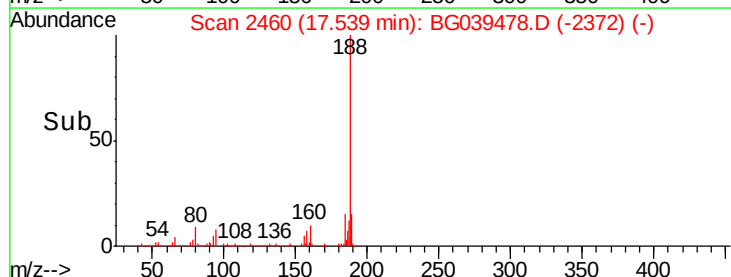
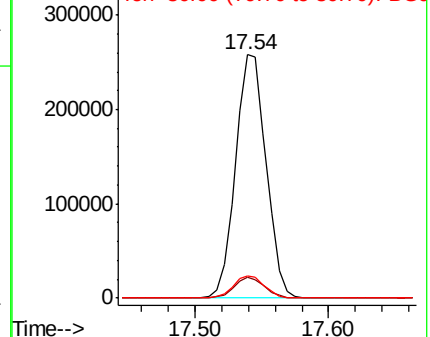
80 9.3 8.1 12.1

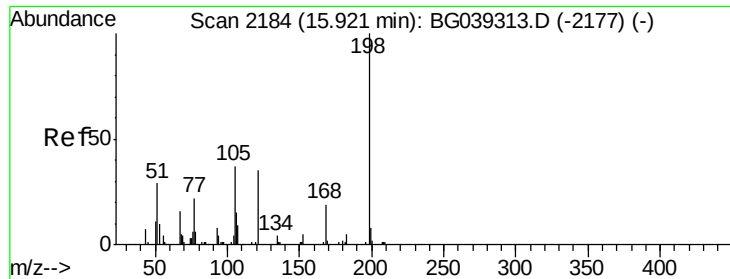


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

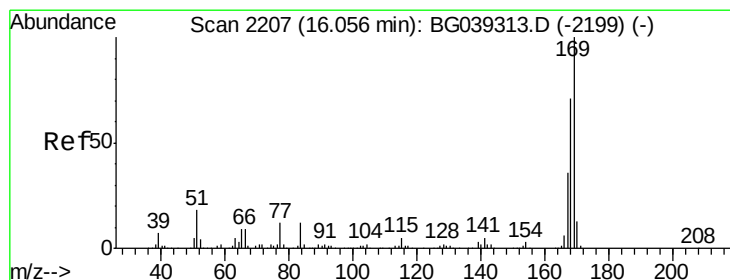
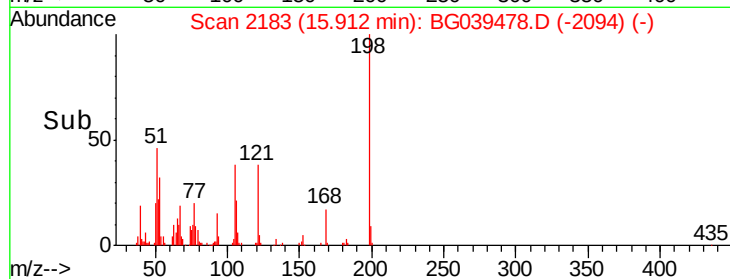
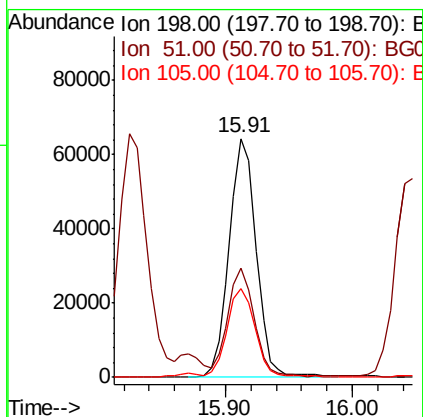
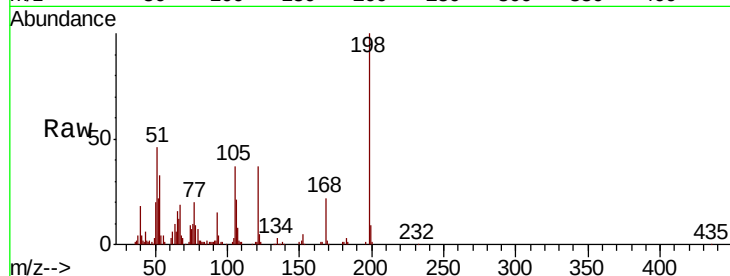




#65
4,6-Dinitro-2-methylphenol
Concen: 55.429 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

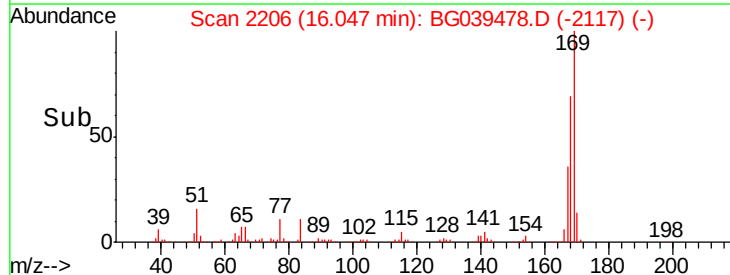
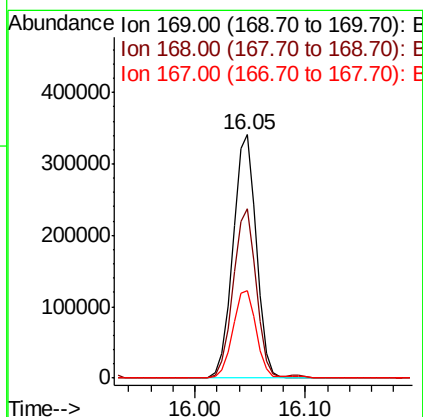
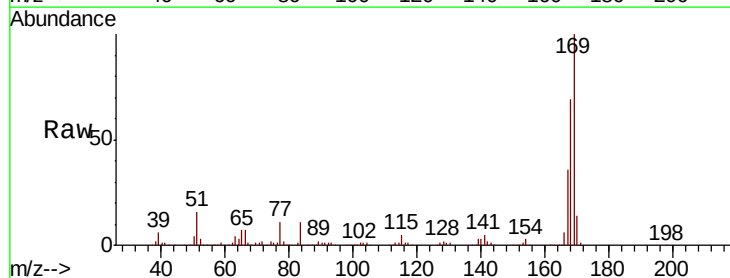
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

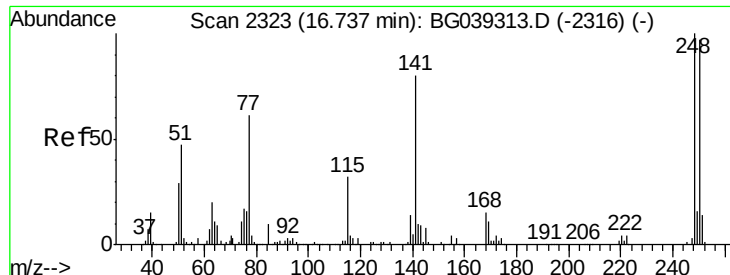
Tgt Ion:198 Resp: 95030
Ion Ratio Lower Upper
198 100
51 45.9 27.4 67.4
105 37.4 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 40.464 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:169 Resp: 504143
Ion Ratio Lower Upper
169 100
168 69.5 56.6 85.0
167 35.8 28.8 43.2

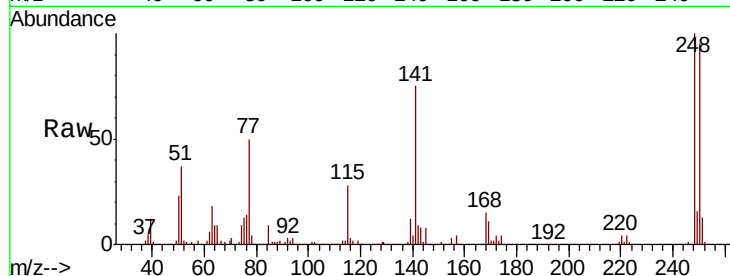




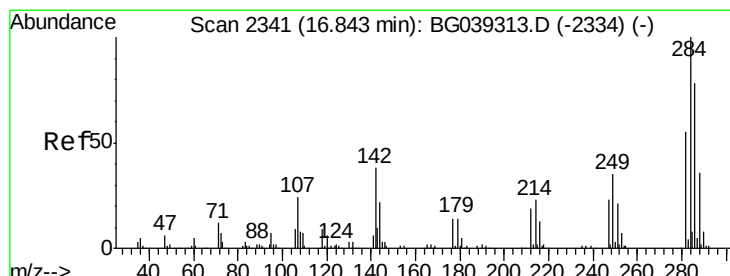
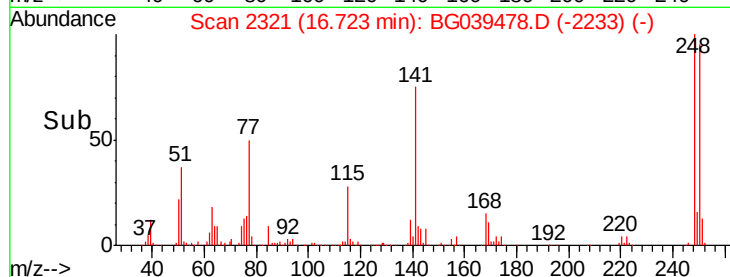
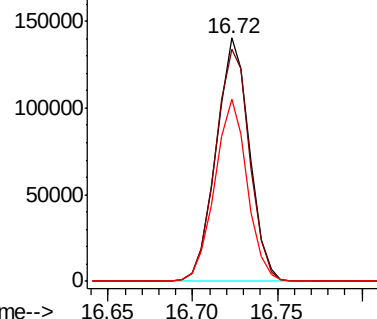
#67
4-Bromophenyl-phenylether
Concen: 42.347 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 192497
Ion Ratio Lower Upper
248 100
250 95.4 77.6 116.4
141 74.9 63.9 95.9

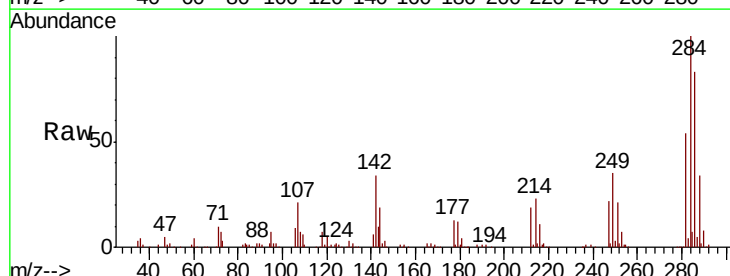


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

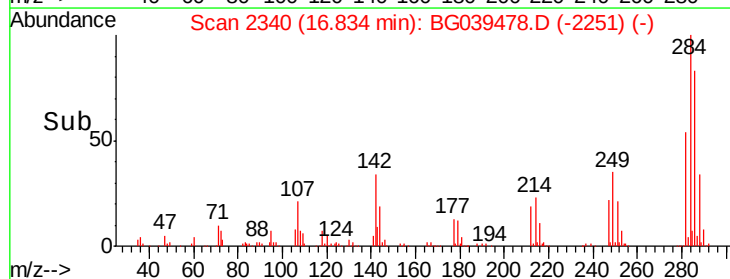
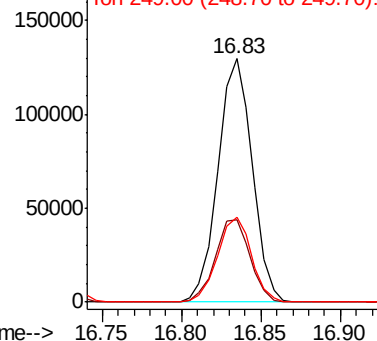


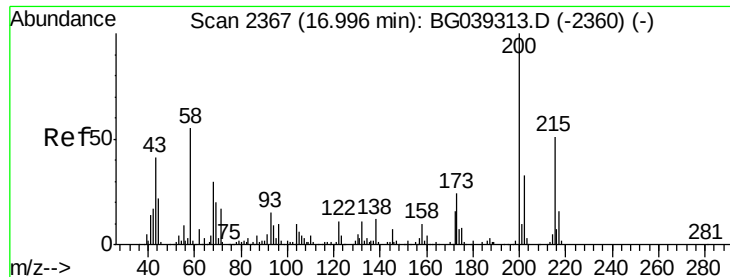
#68
Hexachlorobenzene
Concen: 42.664 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:284 Resp: 194580
Ion Ratio Lower Upper
284 100
142 33.9 30.6 45.8
249 34.8 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: 37.181 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

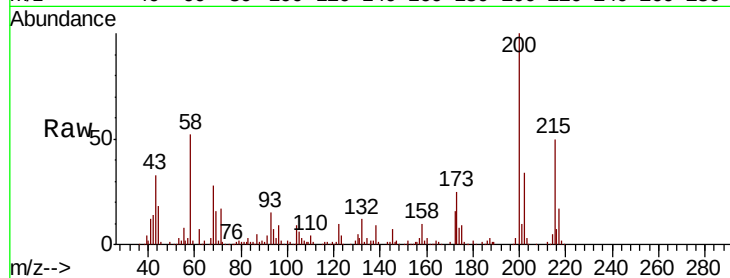
Tgt Ion:200 Resp: 169291

Ion Ratio Lower Upper

200 100

173 25.4 3.9 43.9

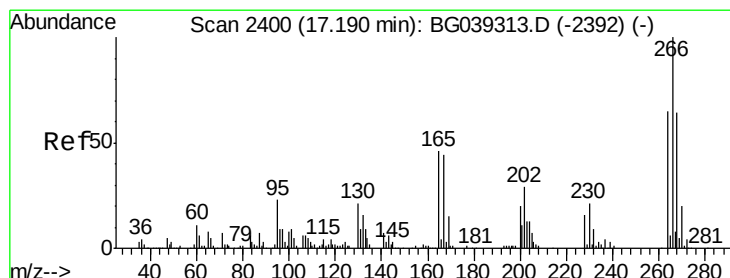
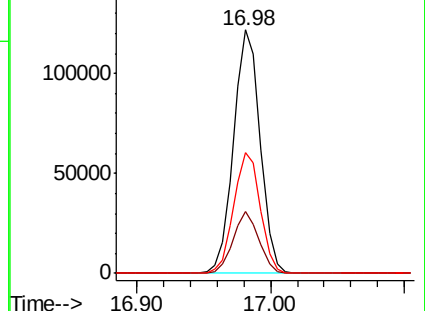
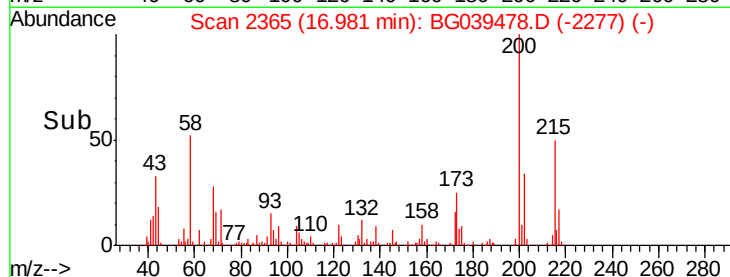
215 49.8 30.9 70.9



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: 41.941 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

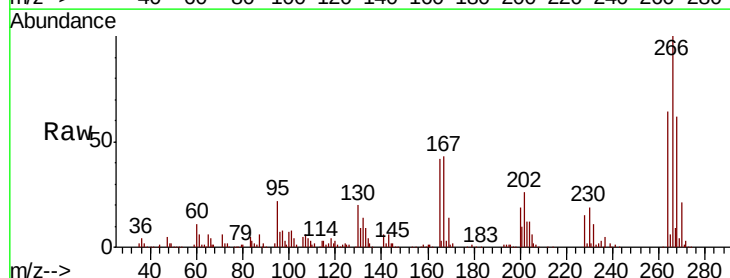
Tgt Ion:266 Resp: 132946

Ion Ratio Lower Upper

266 100

268 62.2 51.1 76.7

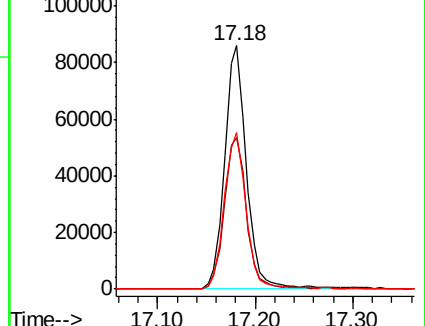
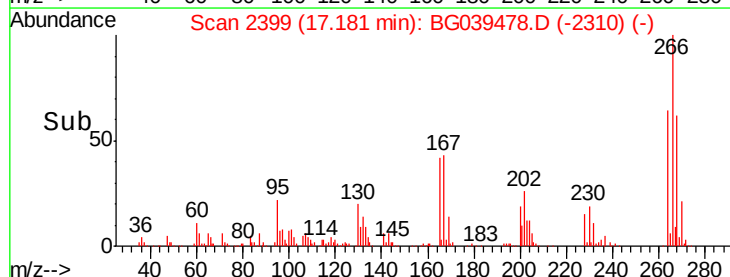
264 64.5 52.1 78.1

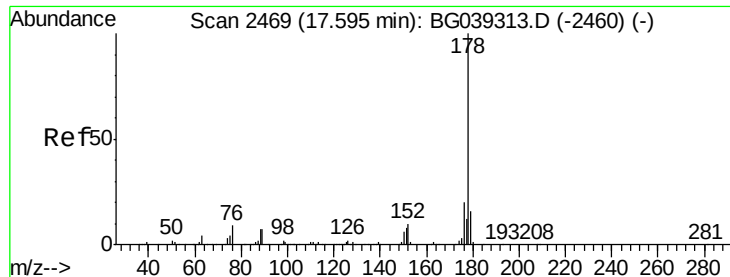


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

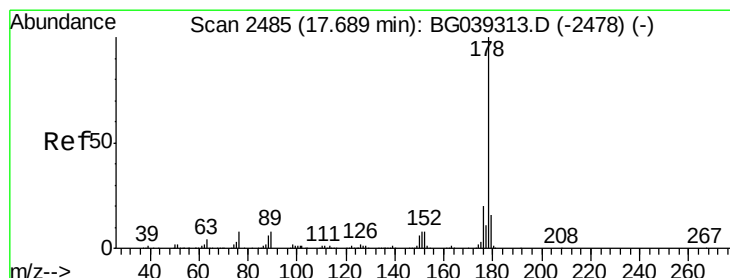
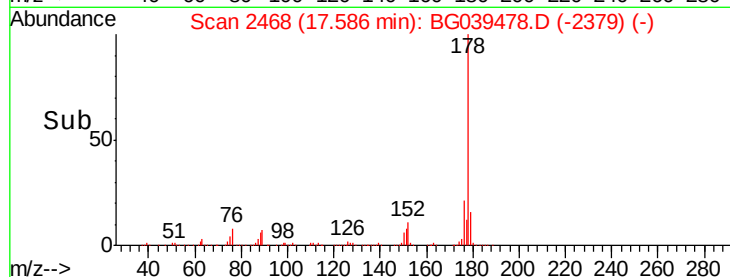
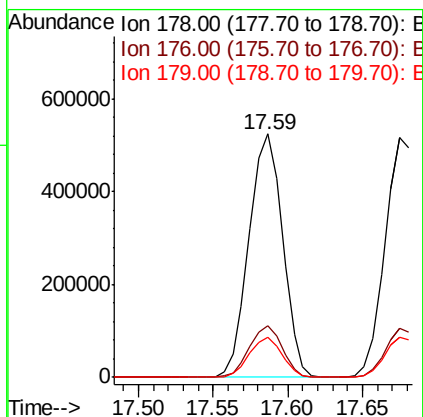
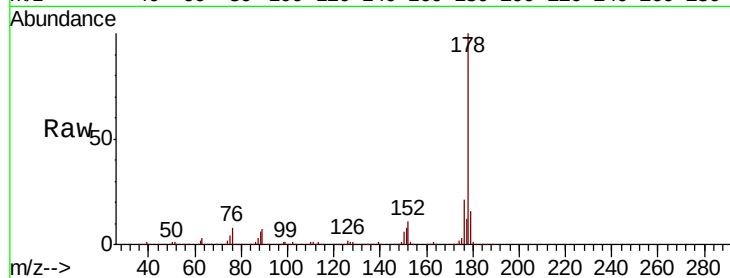




#71
Phenanthrene
Concen: 38.625 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

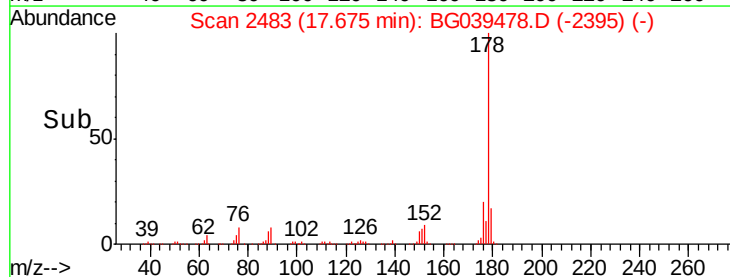
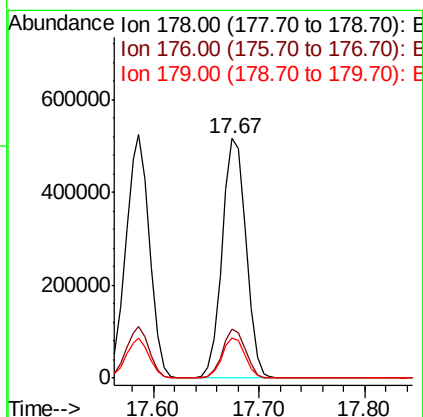
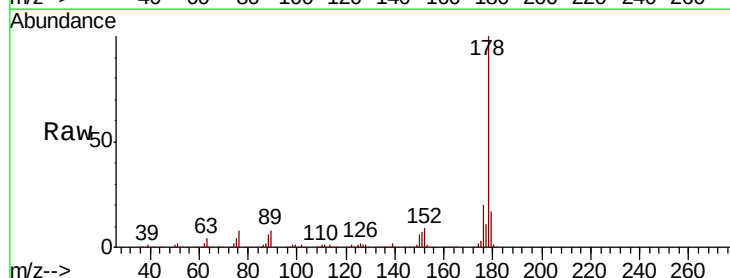
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

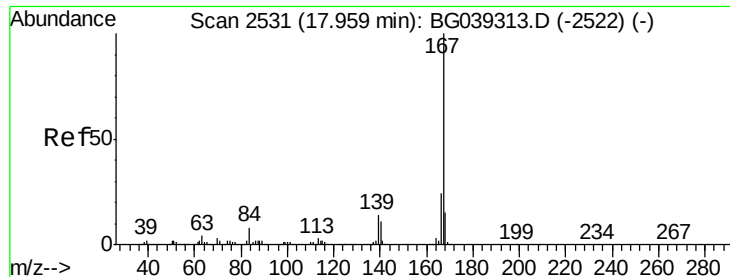
Tgt Ion:178 Resp: 819144
Ion Ratio Lower Upper
178 100
176 21.3 16.2 24.4
179 16.3 12.6 19.0



#72
Anthracene
Concen: 38.782 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:178 Resp: 810148
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.5 12.5 18.7

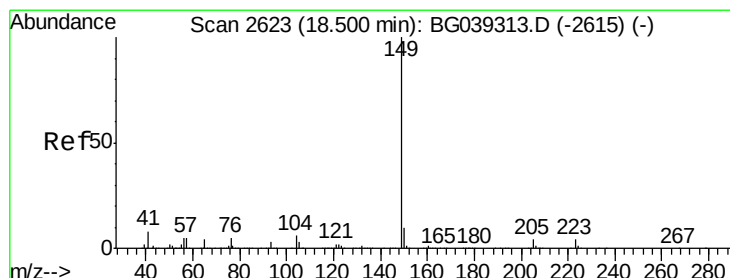
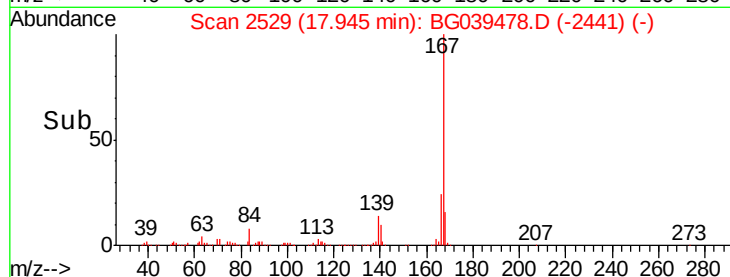
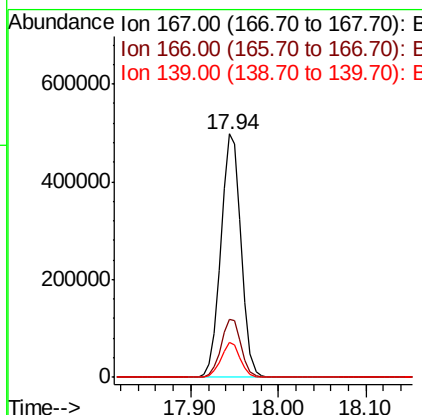
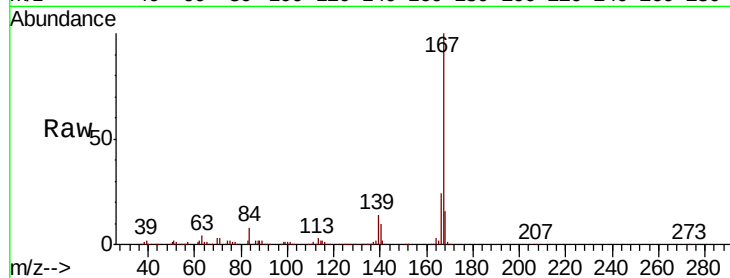




#73
 Carbazole
 Concen: 37.979 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

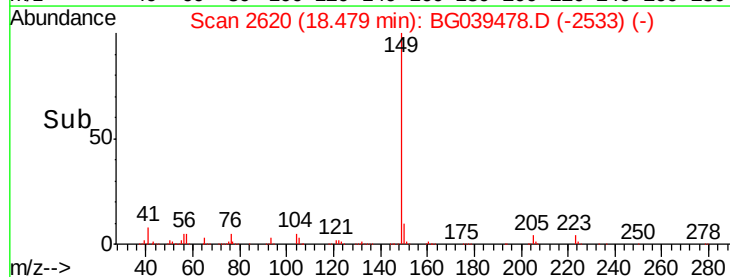
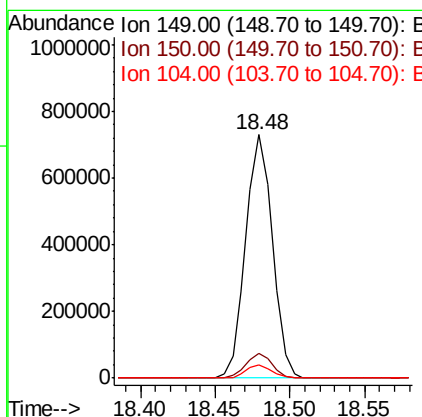
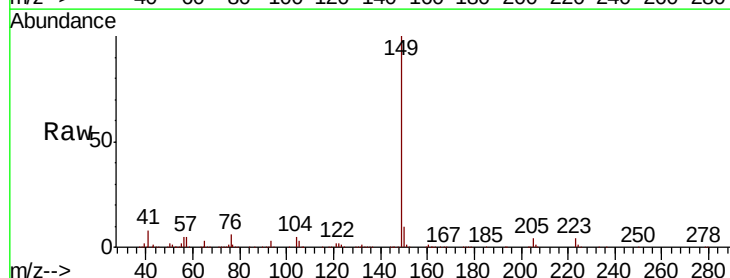
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

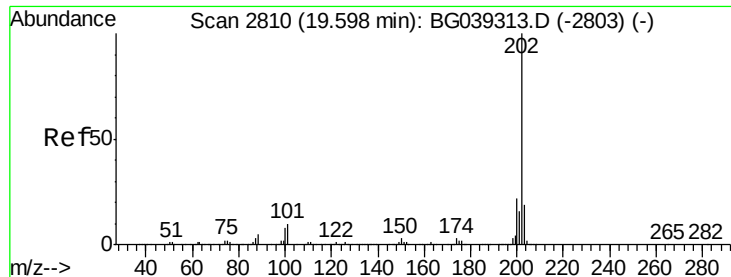
Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.4	29.2
139	14.1	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 37.248 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039478.D
 Acq: 13 Feb 2019 00:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 38.818 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

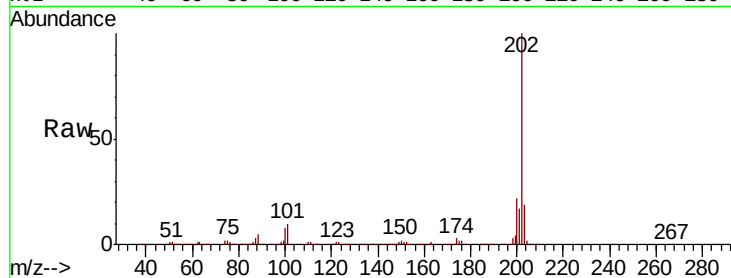
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

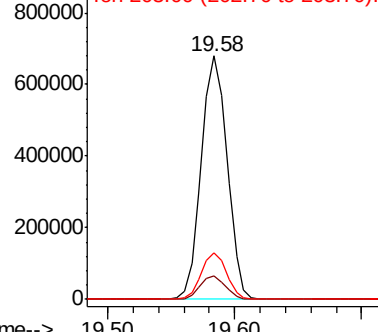
Tgt Ion:	202	Resp:	955515
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.0
203	19.1	0.0	38.9



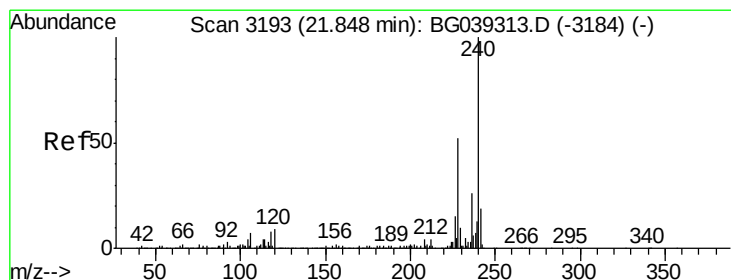
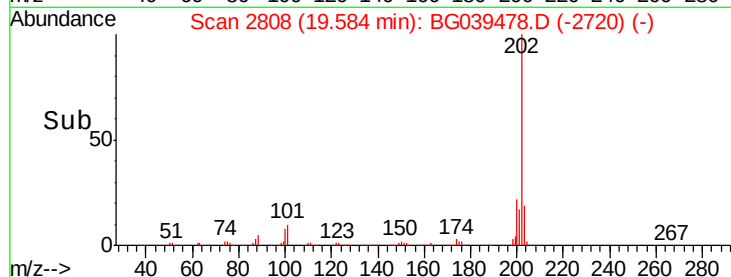
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

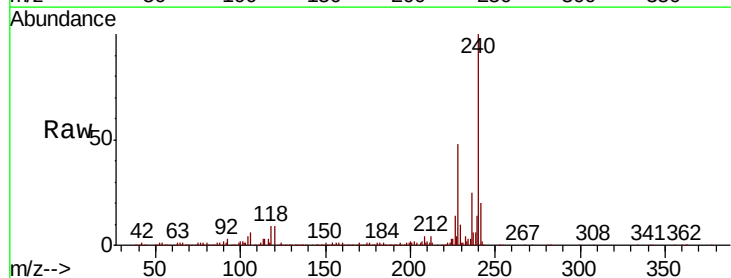
RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

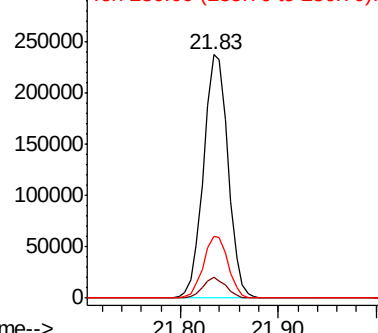
Tgt Ion:	240	Resp:	412860
Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	25.5	21.0	31.4



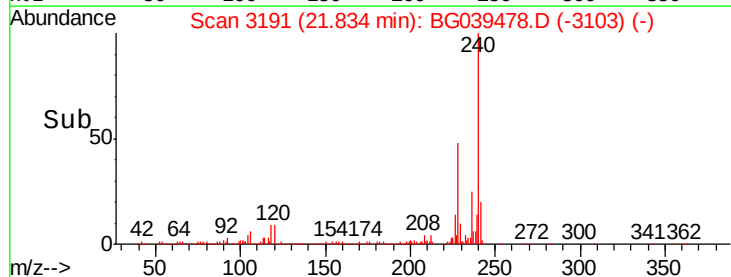
Abundance Ion 240.00 (239.70 to 240.70): E

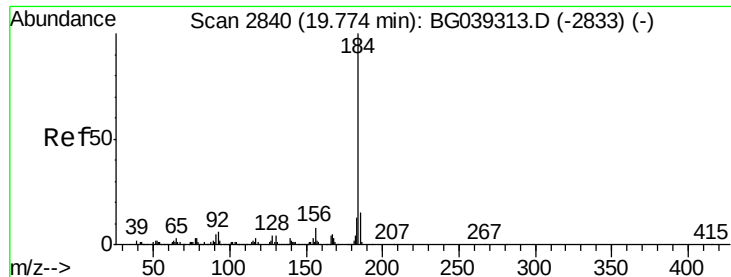
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 29.002 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

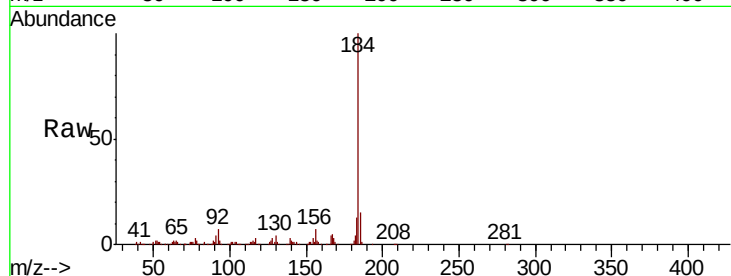
BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 392566

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.2
183	12.8	10.6	15.8

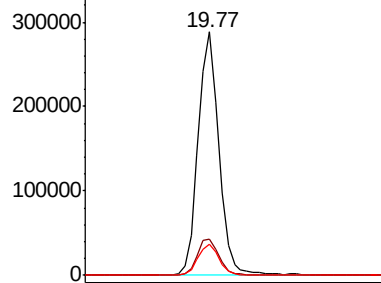


Abundance

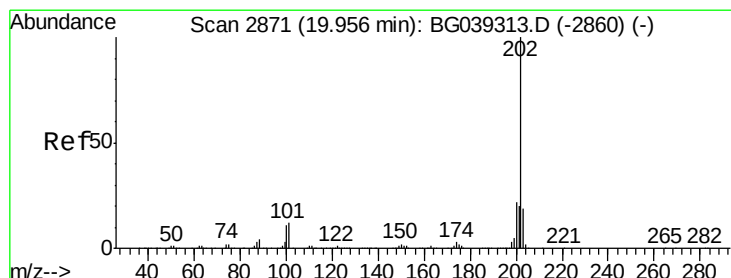
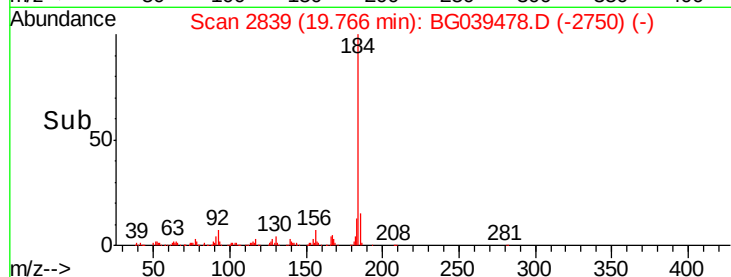
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 38.074 ng

RT: 19.95 min Scan# 2870

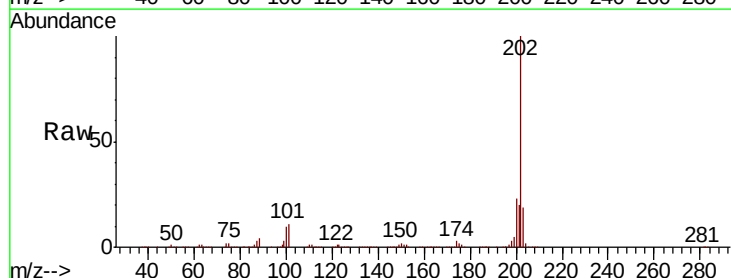
Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Tgt Ion:202 Resp: 978564

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.8
203	18.6	15.3	22.9

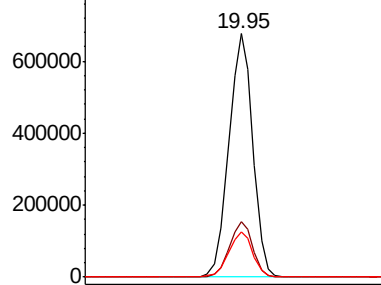


Abundance

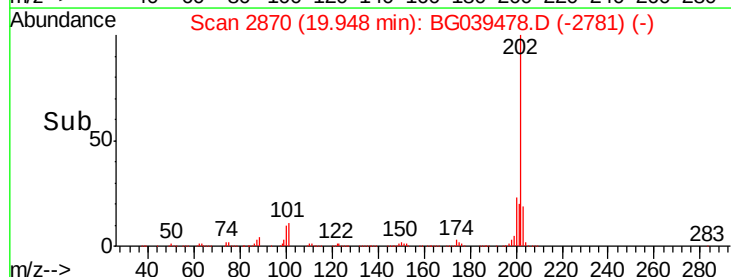
Ion 202.00 (201.70 to 202.70): E

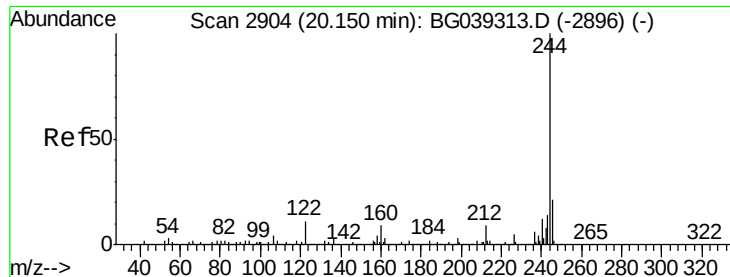
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 74.225 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

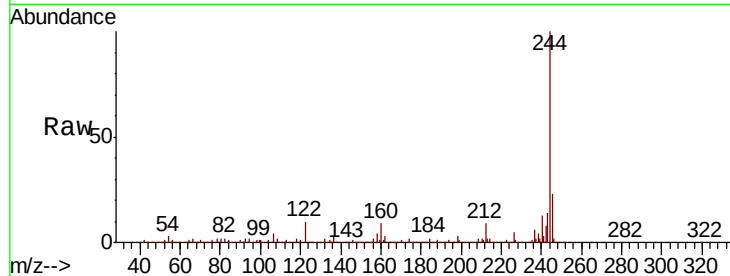
Tgt Ion:244 Resp: 1447751

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

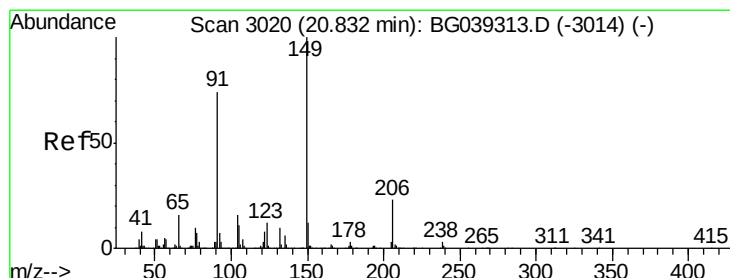
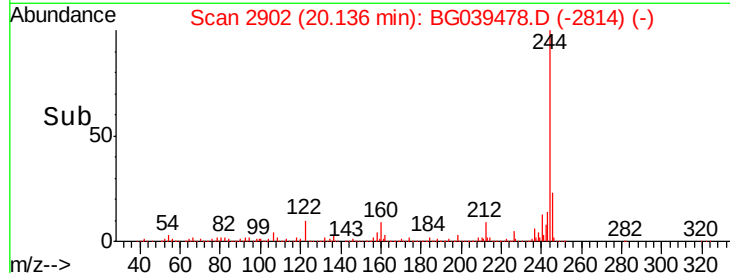
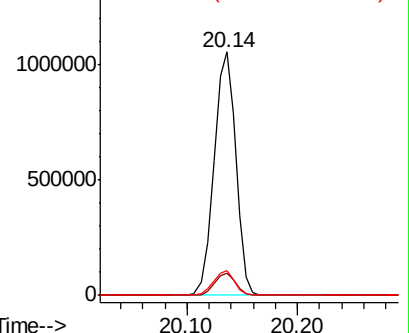
122 10.0 8.4 12.6



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: 39.639 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

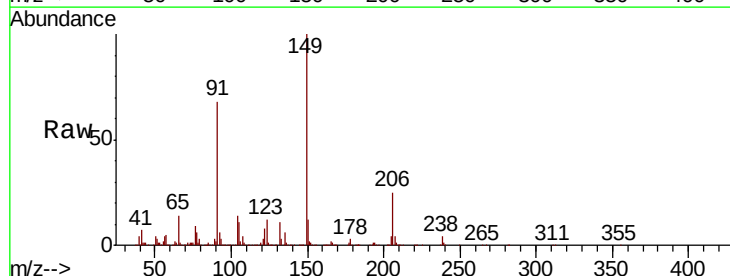
Tgt Ion:149 Resp: 429764

Ion Ratio Lower Upper

149 100

91 67.7 59.5 89.3

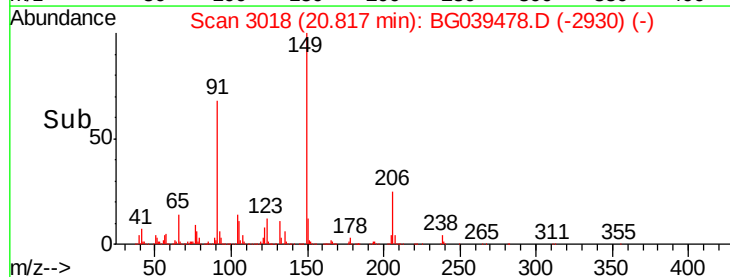
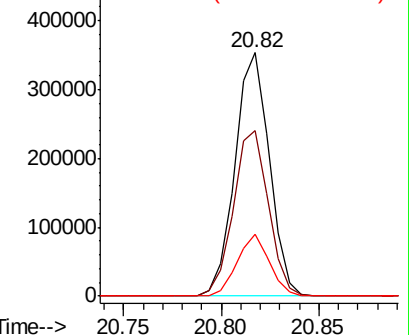
206 25.2 18.6 27.8

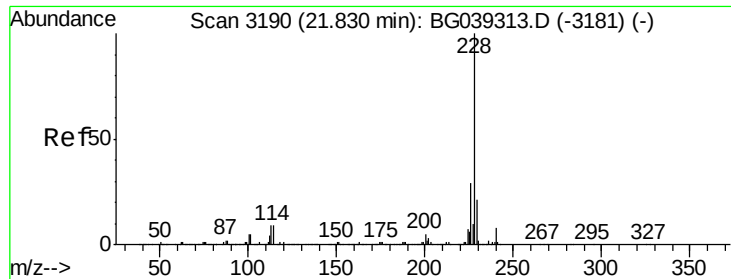


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

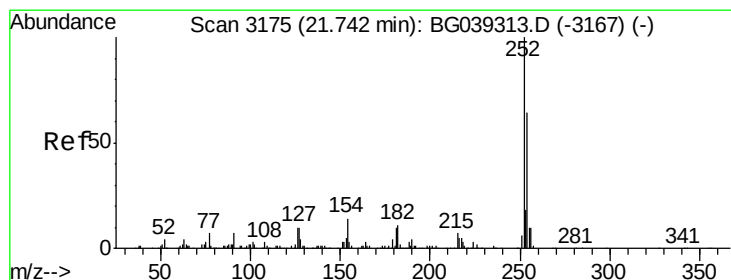
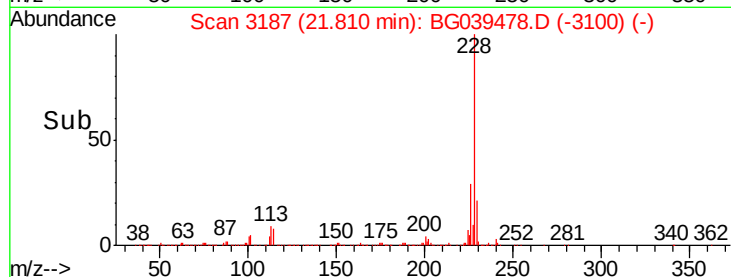
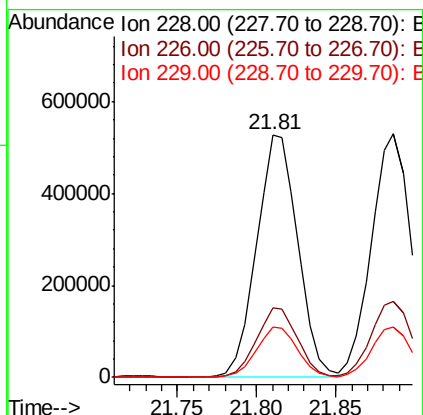
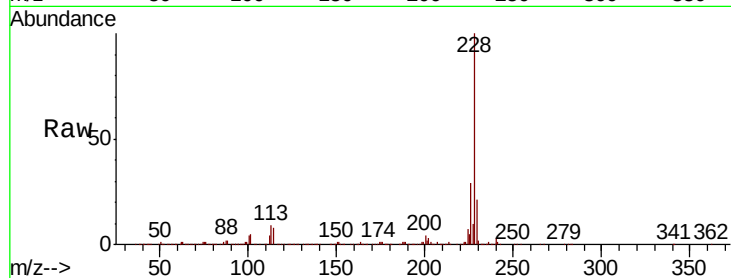




#81
Benzo(a)anthracene
Concen: 39.016 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

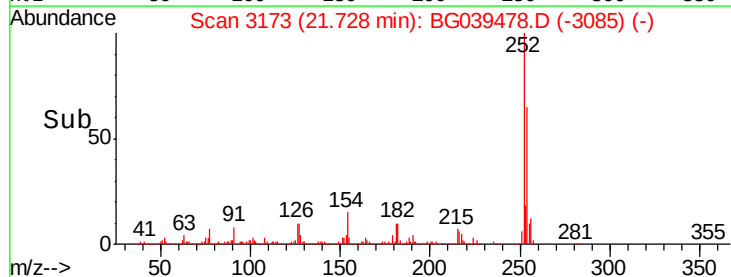
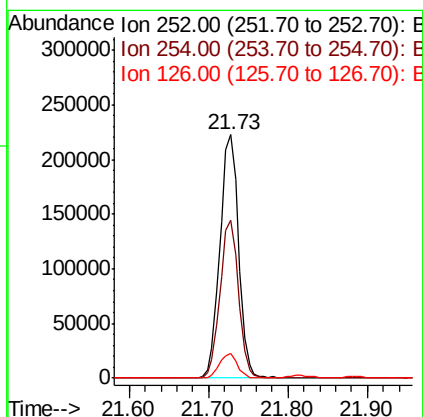
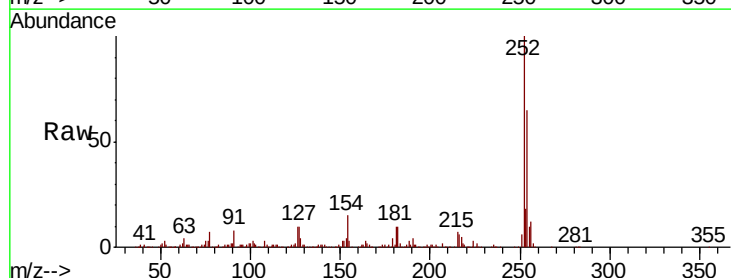
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

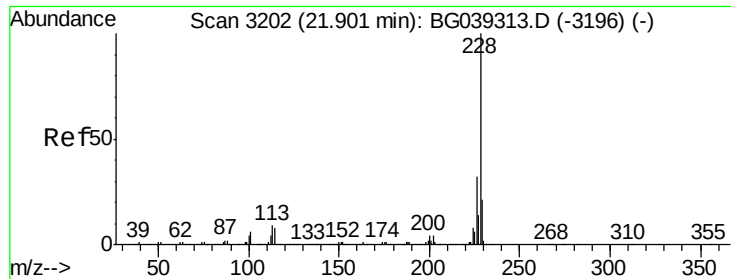
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	20.9	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 40.235 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.3	76.9
126	10.1	8.0	12.0

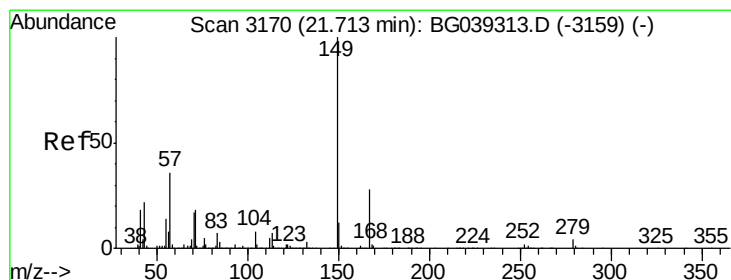
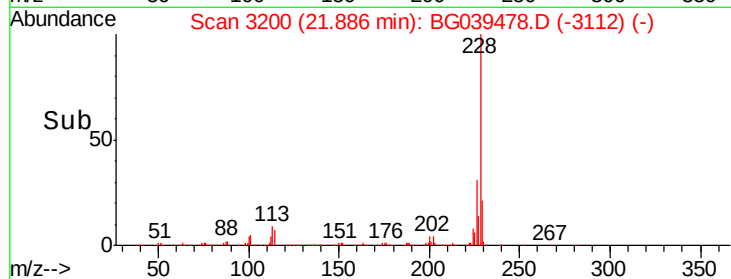
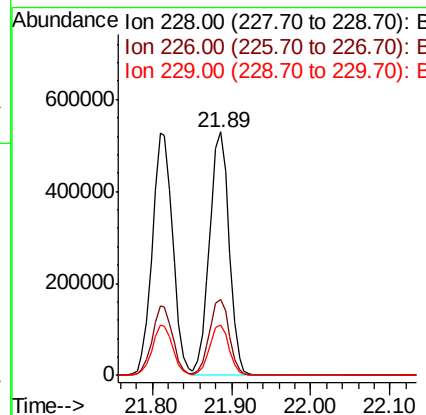
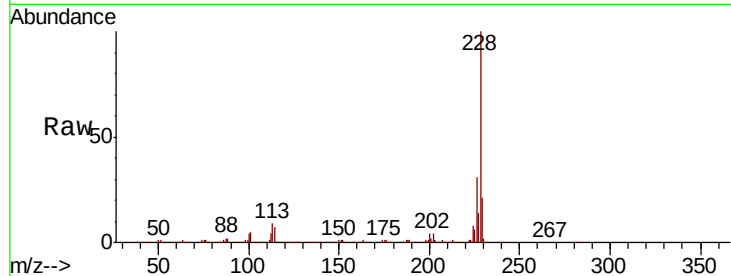




#83
Chrysene
Concen: 39.376 ng
RT: 21.89 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

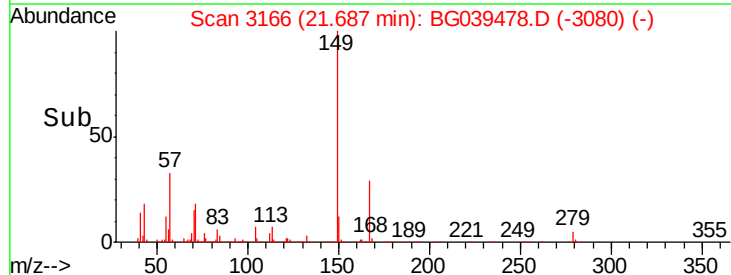
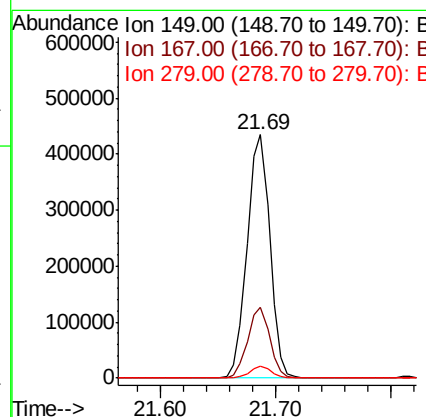
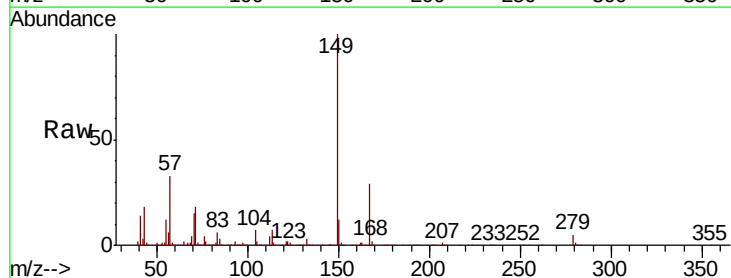
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

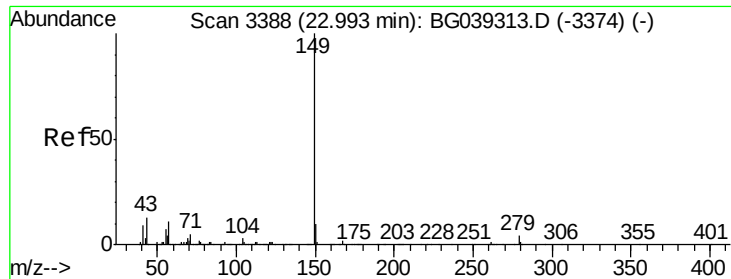
Tgt Ion: 228 Resp: 914428
Ion Ratio Lower Upper
228 100
226 31.2 25.8 38.6
229 20.9 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.476 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion: 149 Resp: 595124
Ion Ratio Lower Upper
149 100
167 29.1 22.6 34.0
279 4.9 3.5 5.3

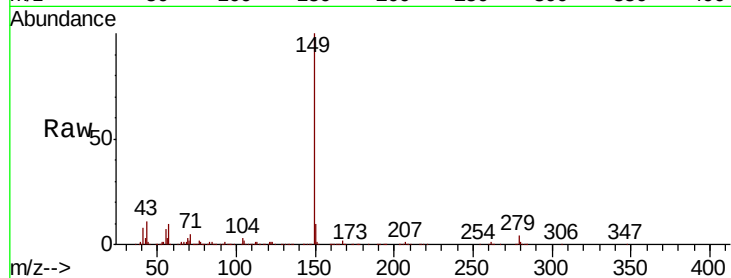




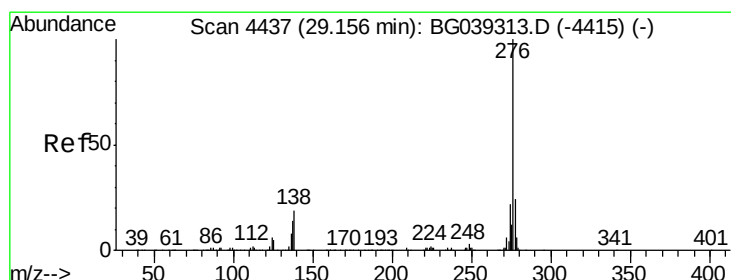
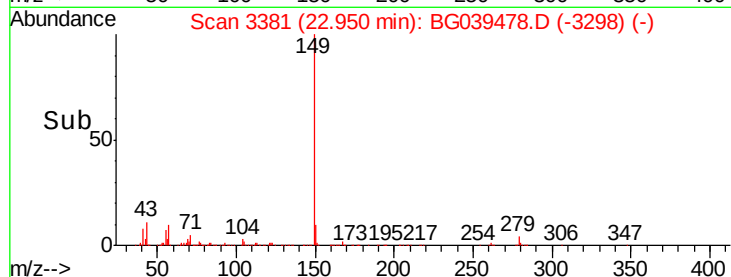
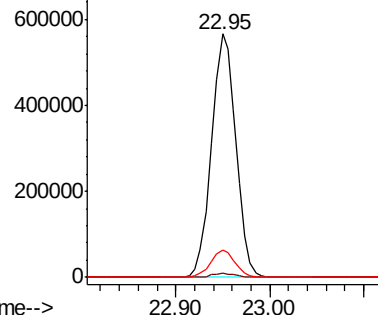
#85
Di-n-octyl phthalate
Concen: 39.598 ng
RT: 22.95 min Scan# 3381
Delta R.T. -0.04 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1011874
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.3 10.2 15.4

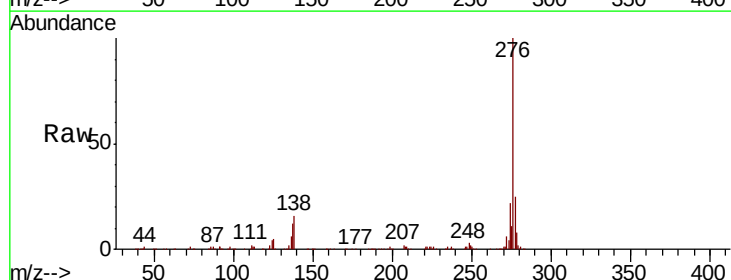


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

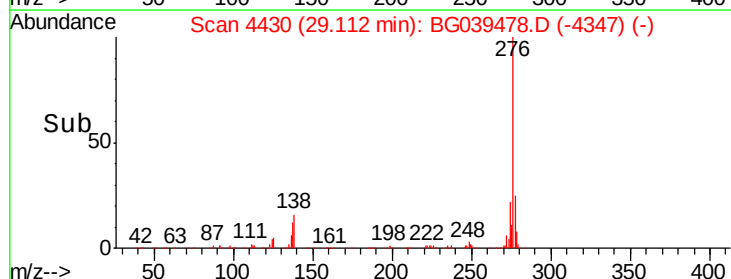
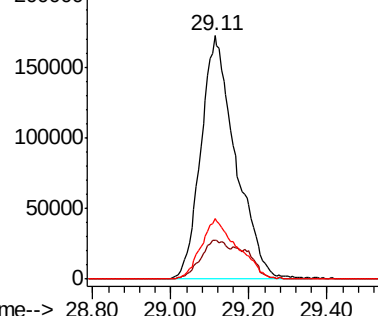


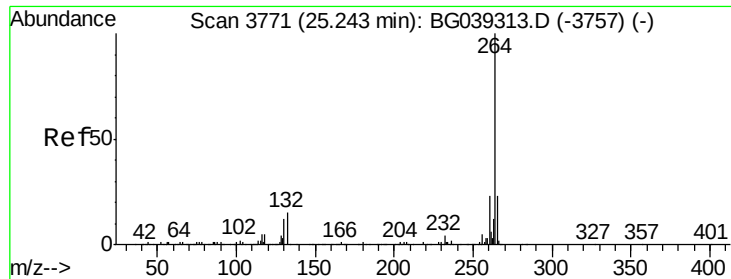
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.622 ng
RT: 29.11 min Scan# 4430
Delta R.T. -0.04 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion:276 Resp: 1061999
Ion Ratio Lower Upper
276 100
138 12.7 12.6 19.0
277 26.0 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

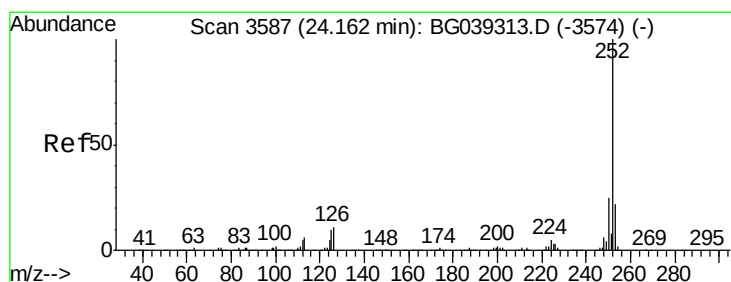
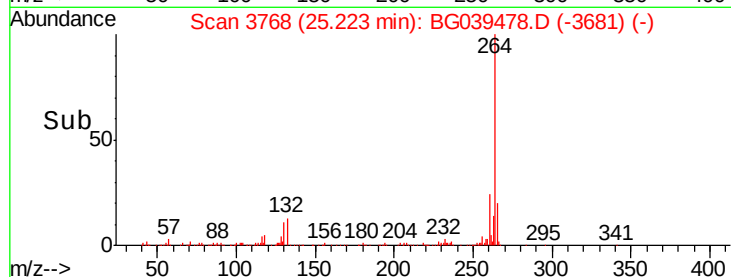
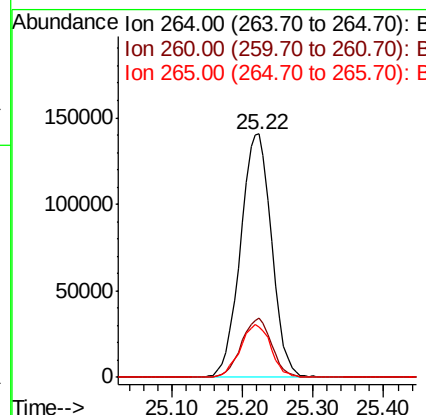
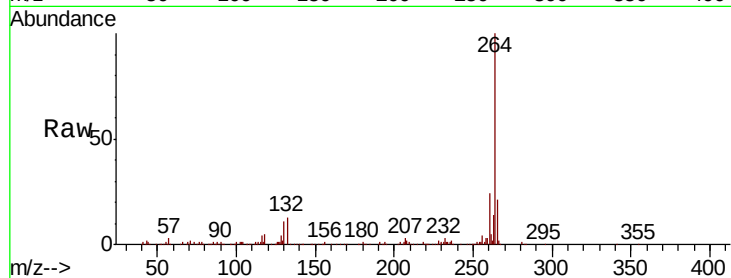




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

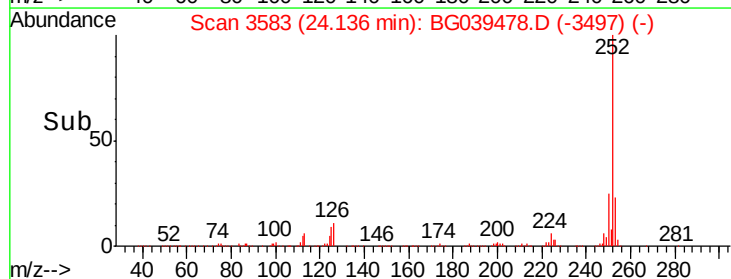
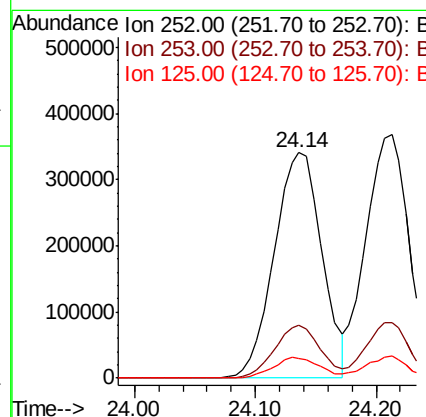
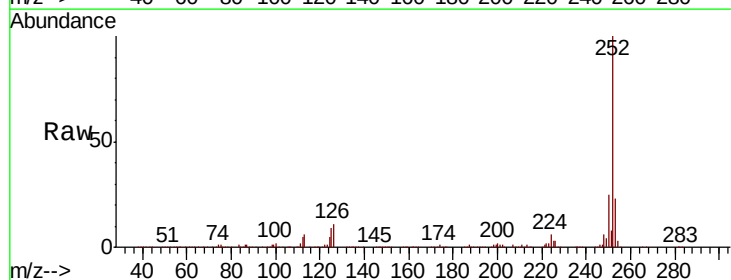
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

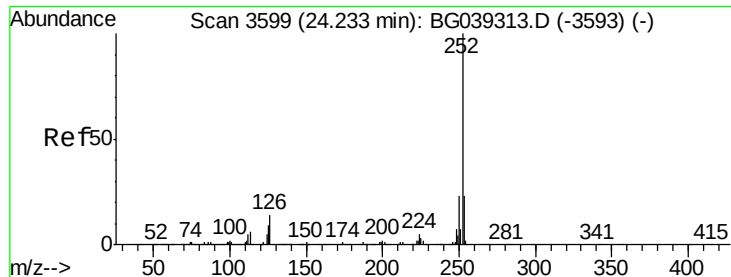
Tgt Ion: 264 Resp: 430160
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.4
265 20.5 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 39.684 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.03 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion: 252 Resp: 930960
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 8.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 38.725 ng

RT: 24.21 min Scan# 3596

Delta R.T. -0.02 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

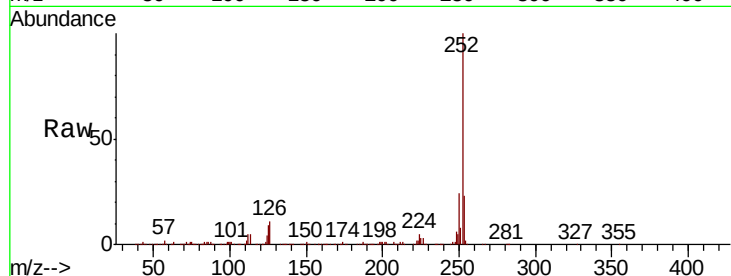
Tgt Ion:252 Resp: 912073

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

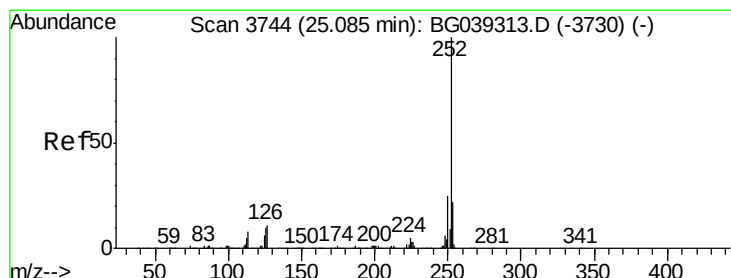
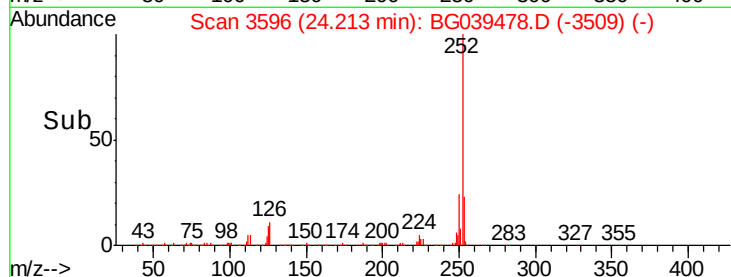
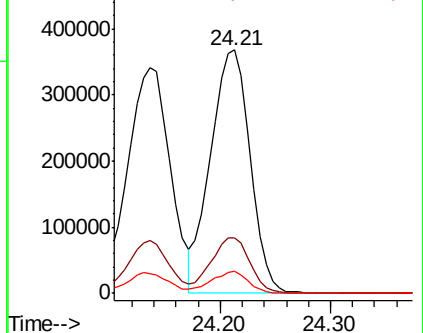
125 9.0 7.4 11.2



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: 39.751 ng

RT: 25.06 min Scan# 3740

Delta R.T. -0.03 min

Lab File: BG039478.D

Acq: 13 Feb 2019 00:32

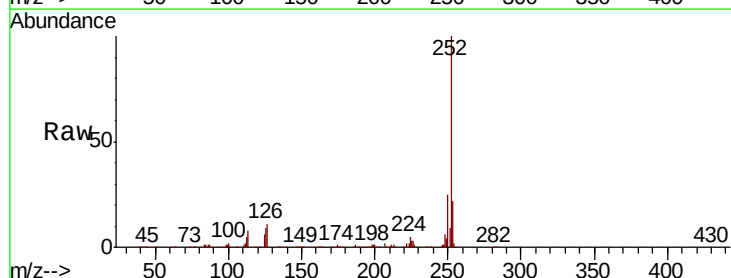
Tgt Ion:252 Resp: 898082

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

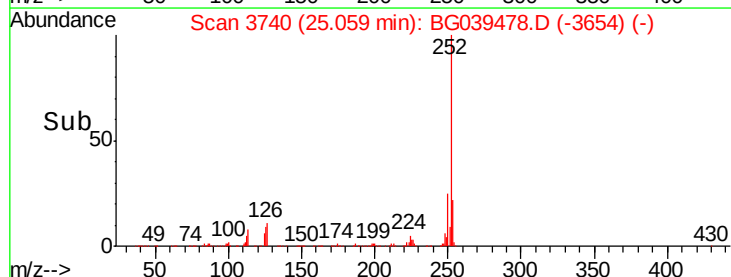
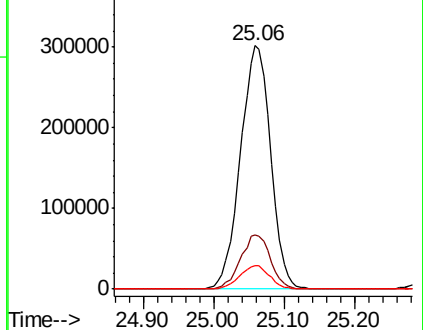
125 9.4 8.3 12.5

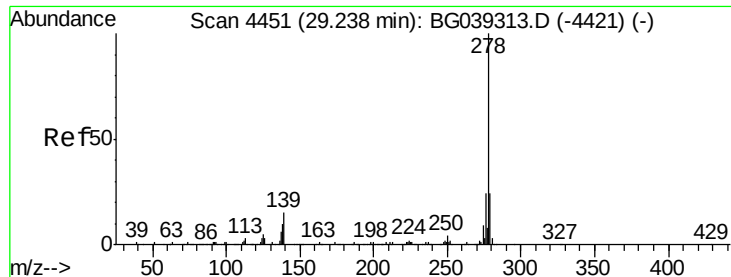


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

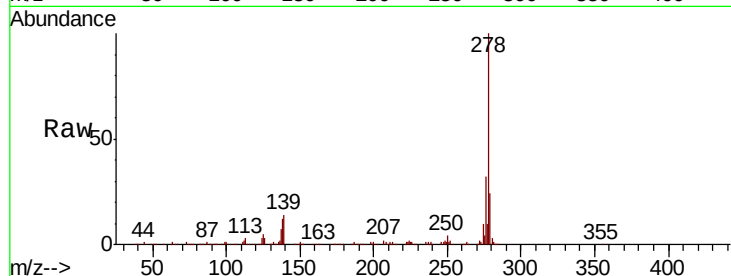




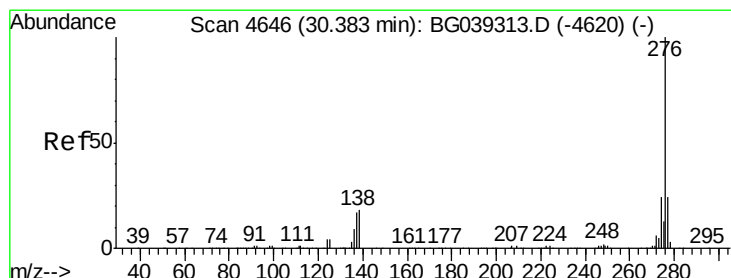
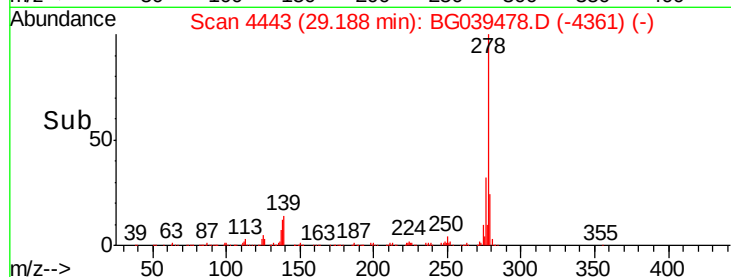
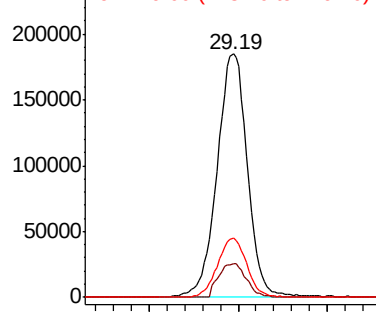
#91
Dibenzo(a,h)anthracene
Concen: 40.820 ng
RT: 29.19 min Scan# 4443
Delta R.T. -0.05 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.7	17.5
279	24.3	19.1	28.7

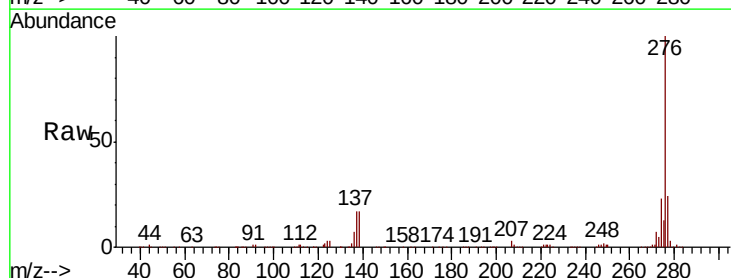


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.951 ng
RT: 30.33 min Scan# 4638
Delta R.T. -0.05 min
Lab File: BG039478.D
Acq: 13 Feb 2019 00:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	17.0	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

