

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039616.D
 Acq On : 27 Feb 2019 2:00
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 27 02:36:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63999	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	268958	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	179100	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	431968	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	419350	20.00	ng	-0.02
87) Perylene-d12	25.20	264	433883	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	293798	78.57	ng	0.00
7) Phenol-d6	7.32	99	430018	78.13	ng	0.00
23) Nitrobenzene-d5	9.34	82	410389	95.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	178134	92.36	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	968185	77.55	ng	-0.02
79) Terphenyl-d14	20.13	244	1494401	75.43	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	63143	38.604	ng	95
3) Pyridine	4.01	79	178159	41.139	ng	94
4) n-Nitrosodimethylamine	3.93	42	77719	35.885	ng	90
6) Aniline	7.49	93	255861	37.111	ng	99
8) 2-Chlorophenol	7.73	128	163981	40.118	ng	97
9) Benzaldehyde	7.31	77	113740	41.951	ng	96
10) Phenol	7.34	94	219698	38.290	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	173618	38.294	ng	99
12) 1,3-Dichlorobenzene	8.06	146	195926	39.568	ng	97
13) 1,4-Dichlorobenzene	8.20	146	198694	40.259	ng	98
14) 1,2-Dichlorobenzene	8.52	146	189317	39.624	ng	98
15) Benzyl Alcohol	8.40	79	163406	37.814	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	338594	33.071	ng	99
17) 2-Methylphenol	8.60	107	144089	38.806	ng	98
18) Hexachloroethane	9.26	117	70740	41.662	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	142603	36.503	ng	93
20) 3+4-Methylphenols	8.93	107	202769	39.657	ng	97
22) Acetophenone	9.00	105	282413	39.090	ng	# 93
24) Nitrobenzene	9.39	77	210661	45.292	ng	98
25) Isophorone	9.90	82	354736	37.182	ng	98
26) 2-Nitrophenol	10.10	139	105288	55.121	ng	95
27) 2,4-Dimethylphenol	10.14	122	153890	39.874	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	230586	39.239	ng	100
29) 2,4-Dichlorophenol	10.63	162	180113	42.701	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	199713	42.173	ng	98
31) Naphthalene	11.04	128	524769	39.330	ng	98
32) Benzoic acid	10.27	122	116997	46.615	ng	94
33) 4-Chloroaniline	11.15	127	241126	38.975	ng	97
34) Hexachlorobutadiene	11.30	225	134929	42.844	ng	95
35) Caprolactam	11.95	113	73485	42.101	ng	92
36) 4-Chloro-3-methylphenol	12.25	107	196308	40.242	ng	98
37) 2-Methylnaphthalene	12.63	142	390033	39.467	ng	96
38) 1-Methylnaphthalene	12.85	142	374896	39.354	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	242203	42.503	ng	98

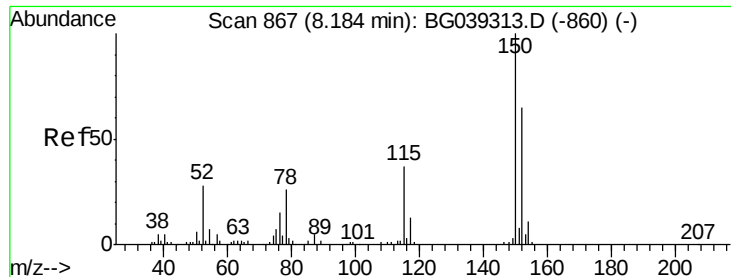
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039616.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	129932	41.844	nq	95
43) 2,4,6-Trichlorophenol	13.23	196	153873	43.917	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	165507	45.071	nq	95
46) 1,1'-Biphenyl	13.63	154	573985	38.518	nq	100
47) 2-Chloronaphthalene	13.68	162	441743	39.406	nq	98
48) 2-Nitroaniline	13.88	65	148679	46.486	nq	96
49) Acenaphthylene	14.52	152	658741	38.944	nq	100
50) Dimethylphthalate	14.24	163	563518	38.958	nq	100
51) 2,6-Dinitrotoluene	14.37	165	130738	48.311	nq	96
52) Acenaphthene	14.86	154	424609	38.671	nq	98
53) 3-Nitroaniline	14.71	138	133771	46.117	nq	# 92
54) 2,4-Dinitrophenol	14.90	184	60110	58.143	nq	99
55) Dibenzofuran	15.19	168	697985	39.648	nq	100
56) 4-Nitrophenol	14.99	139	104952	43.017	nq	88
57) 2,4-Dinitrotoluene	15.15	165	184464	52.410	nq	# 84
58) Fluorene	15.83	166	513525	39.130	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	155838	45.324	nq	97
60) Diethylphthalate	15.59	149	577653	38.625	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	306710	41.275	nq	96
62) 4-Nitroaniline	15.87	138	140895	46.586	nq	94
63) Azobenzene	16.12	77	535803	36.655	nq	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	103685	56.778	nq	96
66) n-Nitrosodiphenylamine	16.04	169	510183	38.842	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	202705	42.299	nq	95
68) Hexachlorobenzene	16.83	284	202660	42.150	nq	97
69) Atrazine	16.97	200	156385	32.581	nq	97
70) Pentachlorophenol	17.17	266	135110	40.432	nq	98
71) Phenanthrene	17.58	178	863085	38.604	nq	99
72) Anthracene	17.67	178	853492	38.756	nq	97
73) Carbazole	17.94	167	831000	37.811	nq	99
74) Di-n-butylphthalate	18.47	149	961396	37.496	nq	99
75) Fluoranthene	19.58	202	1001480	38.593	nq	99
77) Benzidine	19.76	184	442076	32.154	nq	# 94
78) Pyrene	19.94	202	1017533	38.977	nq	99
80) Butylbenzylphthalate	20.80	149	440636	40.013	nq	97
81) Benzo(a)anthracene	21.80	228	983074	39.673	nq	100
82) 3,3'-Dichlorobenzidine	21.72	252	362566	39.461	nq	98
83) Chrysene	21.87	228	927023	39.300	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	618772	39.385	nq	100
85) Di-n-octyl phthalate	22.93	149	1026694	39.556	nq	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1074808	42.469	nq	98
88) Benzo(b)fluoranthene	24.12	252	925806	39.126	nq	98
89) Benzo(k)fluoranthene	24.19	252	917724	38.631	nq	99
90) Benzo(a)pyrene	25.04	252	909367	39.905	nq	98
91) Dibenzo(a,h)anthracene	29.16	278	875257	41.013	nq	99
92) Benzo(g,h,i)perylene	30.32	276	876146	41.189	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

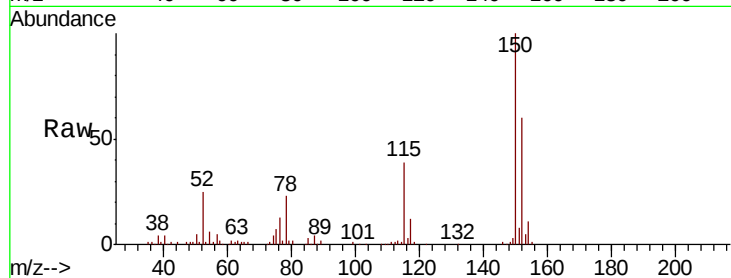
Tot Ion:152 Resp: 63999

Ion Ratio Lower Upper

152 100

150 166.0 123.7 185.5

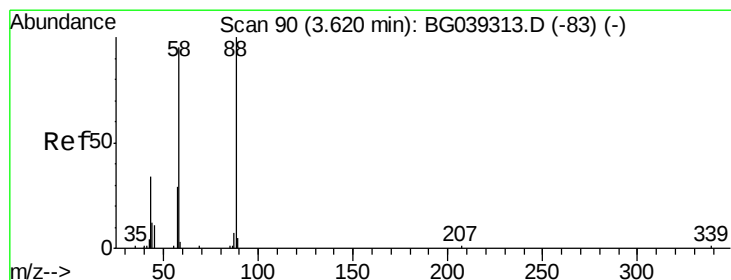
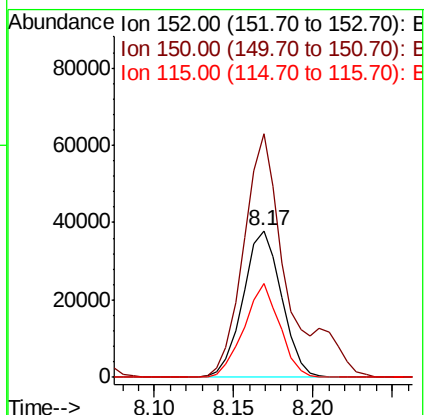
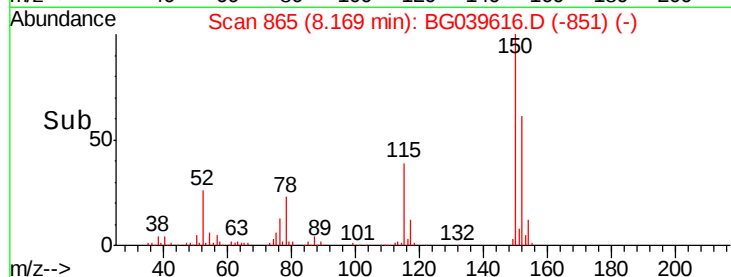
115 64.2 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.604 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

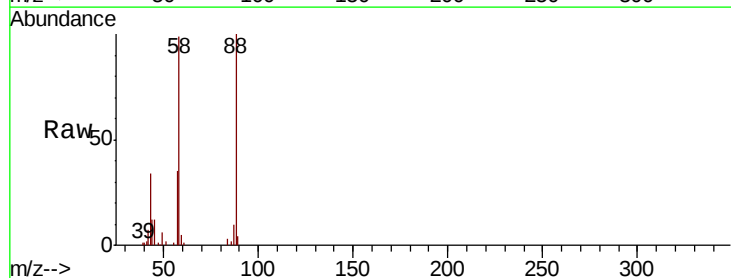
Tgt Ion: 88 Resp: 63143

Ion Ratio Lower Upper

88 100

58 97.3 81.1 121.7

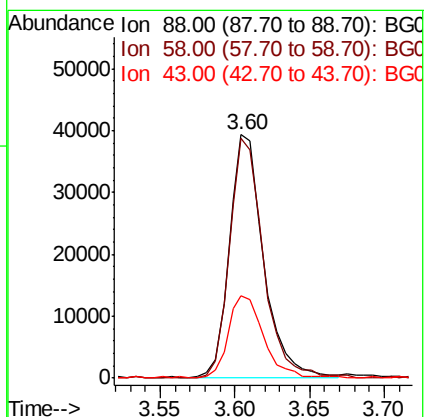
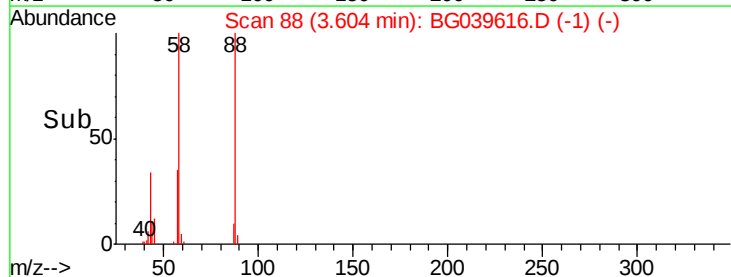
43 34.7 31.4 47.0

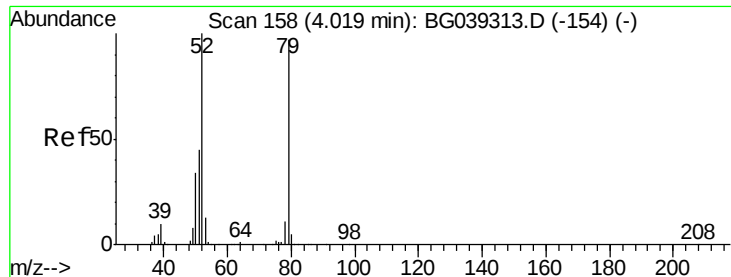


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.139 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

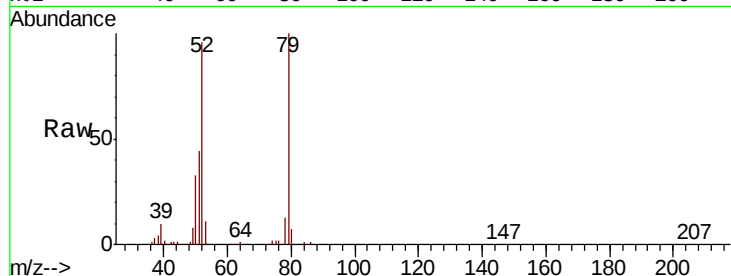
Tot Ion: 79 Resp: 178159

Ion Ratio Lower Upper

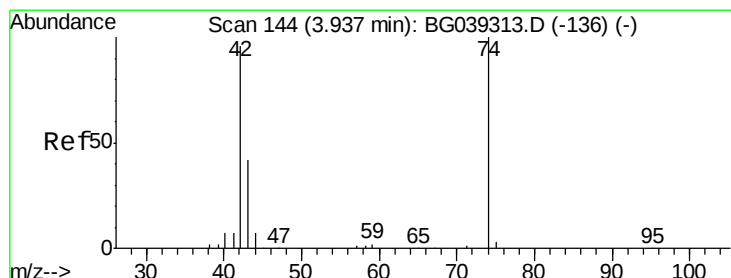
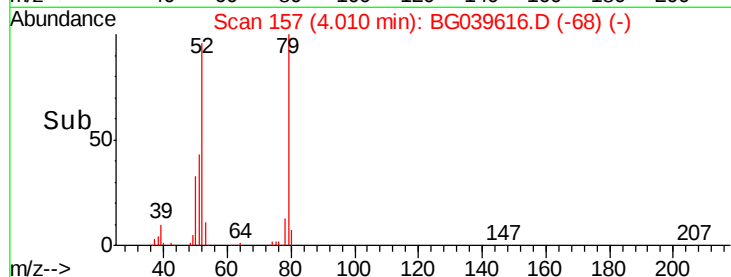
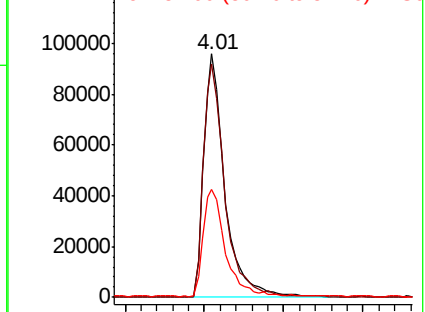
79 100

52 95.6 82.6 124.0

51 44.3 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 35.885 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

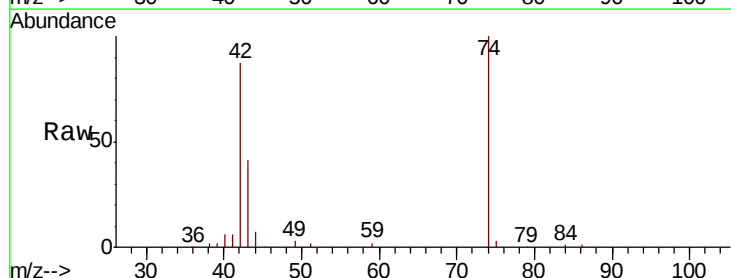
Tgt Ion: 42 Resp: 77719

Ion Ratio Lower Upper

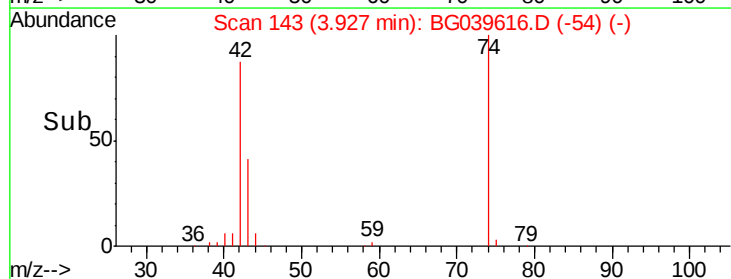
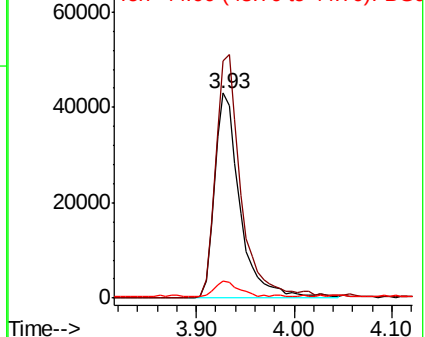
42 100

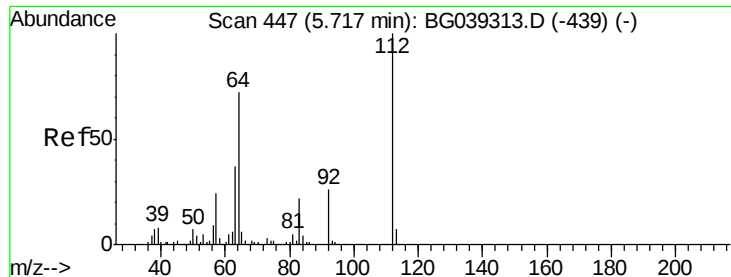
74 115.6 83.6 125.4

44 8.4 6.9 10.3



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





#5

2-Fluorophenol

Concen: 78.570 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

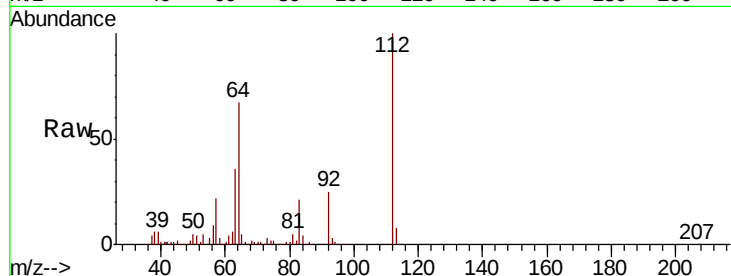
Tot Ion:112 Resp: 293798

Ion Ratio Lower Upper

112 100

64 67.5 57.8 86.8

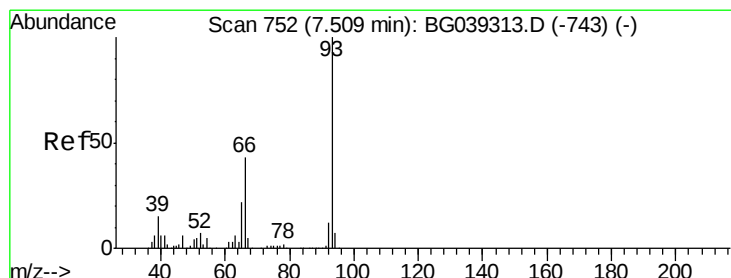
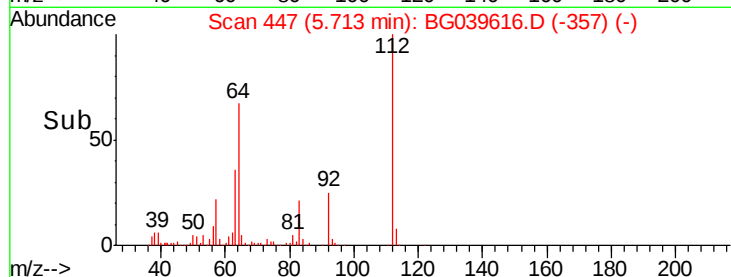
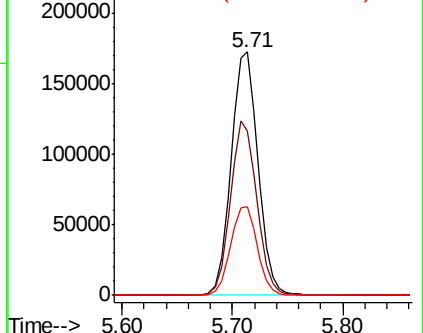
63 36.2 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.111 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

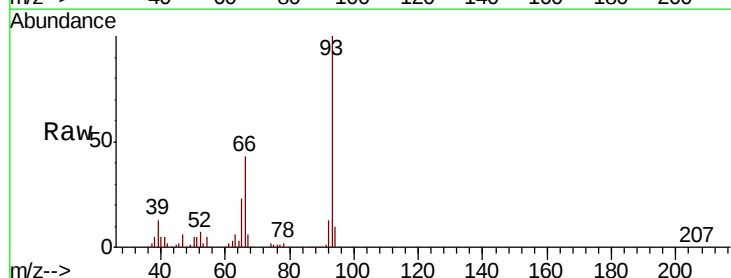
Tgt Ion: 93 Resp: 255861

Ion Ratio Lower Upper

93 100

66 43.0 34.2 51.4

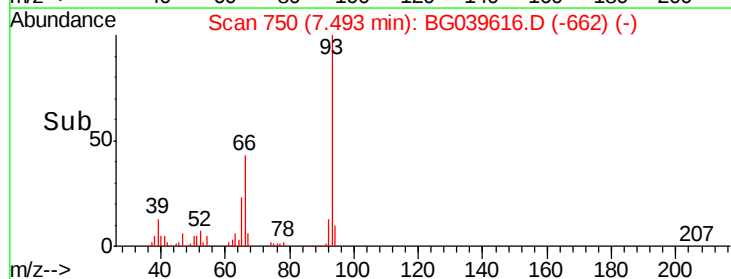
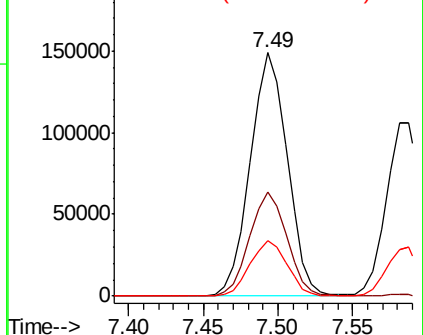
65 22.7 17.7 26.5

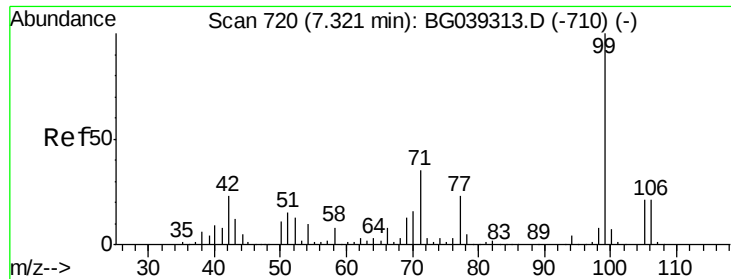


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.126 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

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ClientSampleId :

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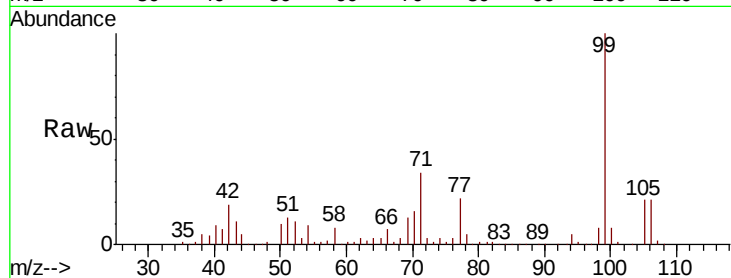
Tot Ion: 99 Resp: 430018

Ion Ratio Lower Upper

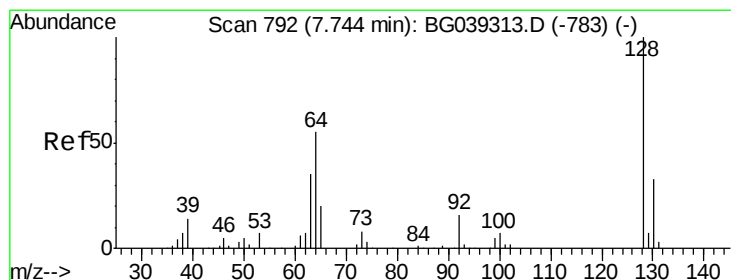
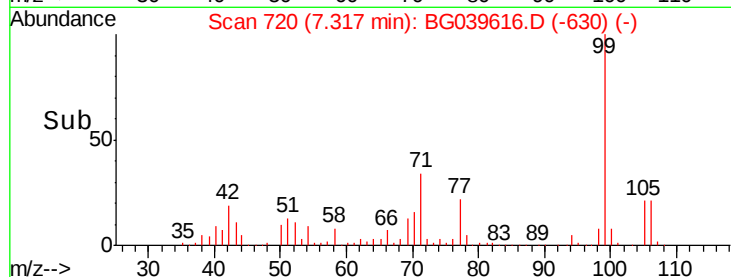
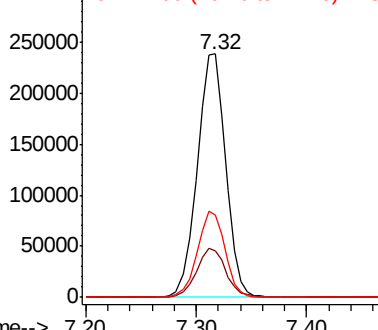
99 100

42 19.2 18.2 27.2

71 33.8 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: 40.118 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

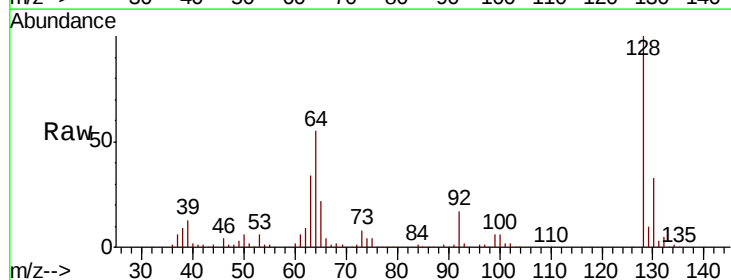
Tgt Ion: 128 Resp: 163981

Ion Ratio Lower Upper

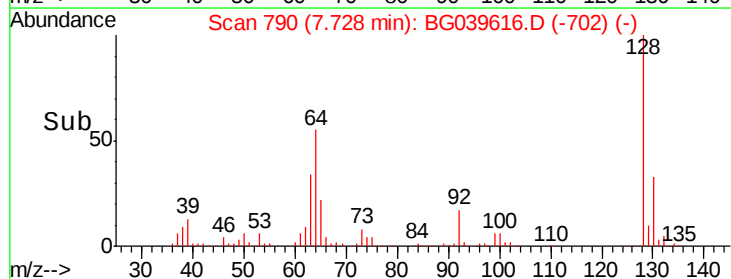
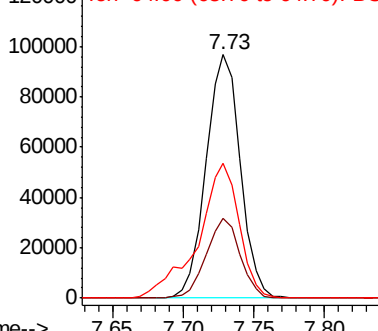
128 100

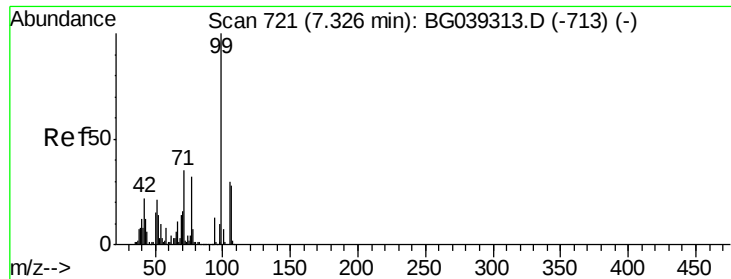
130 32.6 12.9 52.9

64 55.3 38.7 78.7



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





#9

Benzaldehyde

Concen: 41.951 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

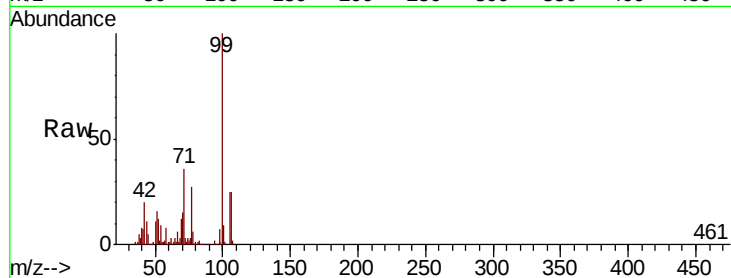
Tot Ion: 77 Resp: 113740

Ion Ratio Lower Upper

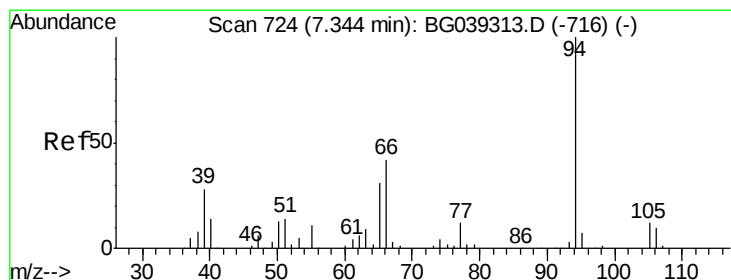
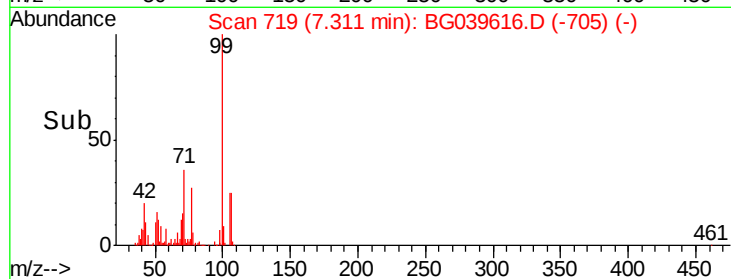
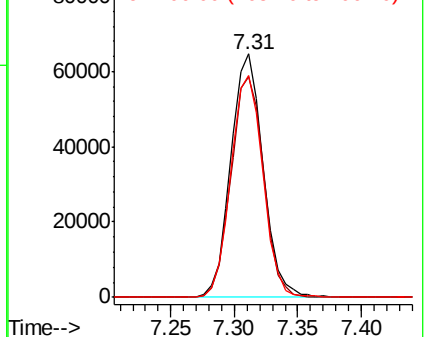
77 100

105 90.7 74.5 114.5

106 91.1 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: 38.290 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

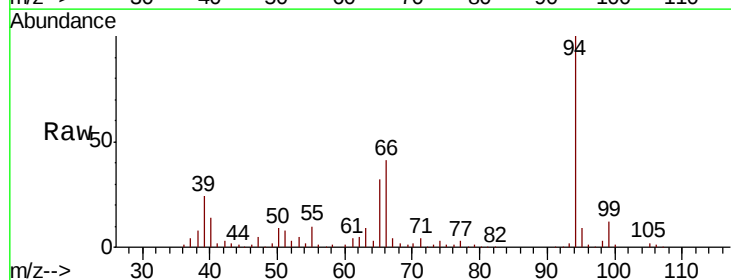
Tgt Ion: 94 Resp: 219698

Ion Ratio Lower Upper

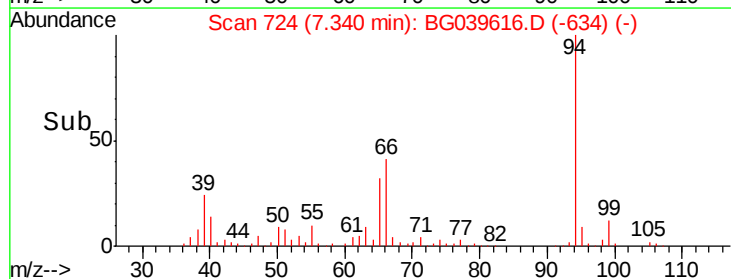
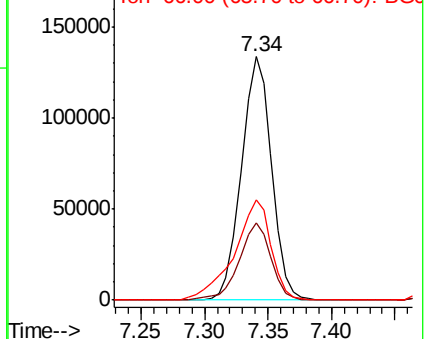
94 100

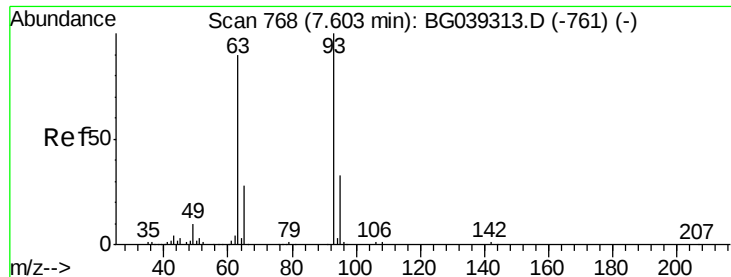
65 31.7 11.7 51.7

66 41.2 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: 38.294 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

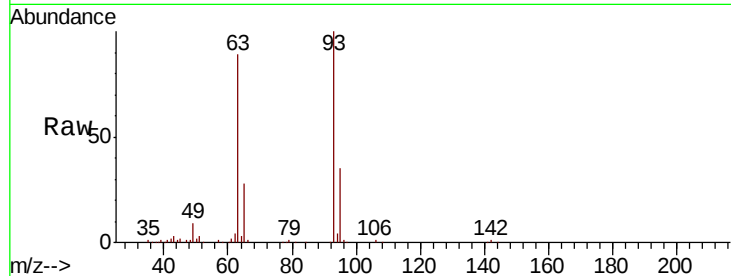
Tot Ion: 93 Resp: 173618

Ion Ratio Lower Upper

93 100

63 89.2 69.5 109.5

95 34.5 12.7 52.7

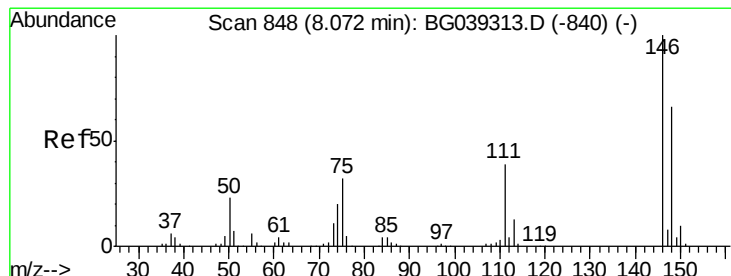
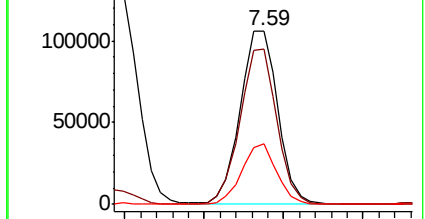
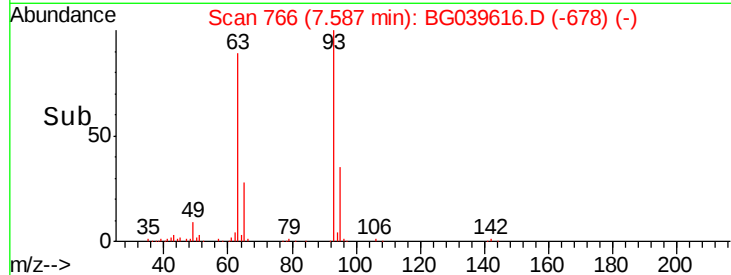


Abundance Ion 93.00 (92.70 to 93.70): BG039313.D (-761) (-)

Ion 63.00 (62.70 to 63.70): BG039313.D (-761) (-)

Ion 95.00 (94.70 to 95.70): BG039313.D (-761) (-)

Time-->



#12

1,3-Dichlorobenzene

Concen: 39.568 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

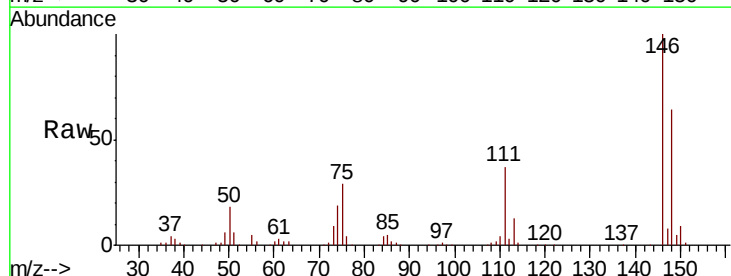
Tgt Ion: 146 Resp: 195926

Ion Ratio Lower Upper

146 100

148 63.6 52.6 79.0

75 29.4 25.8 38.6

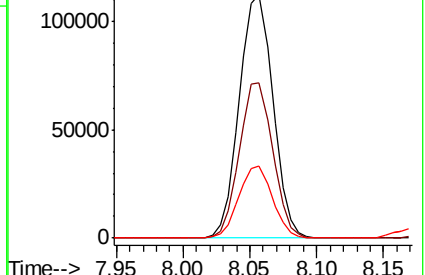
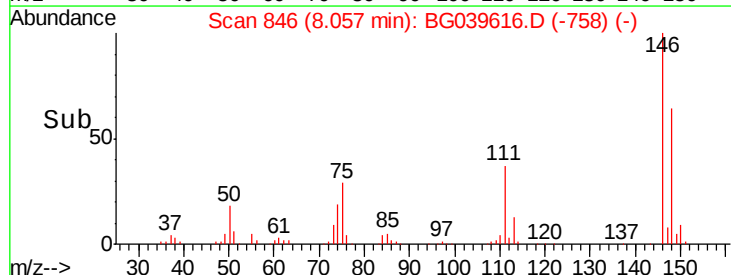


Abundance Ion 146.00 (145.70 to 146.70): BG039313.D (-840) (-)

Ion 148.00 (147.70 to 148.70): BG039313.D (-840) (-)

Ion 75.00 (74.70 to 75.70): BG039313.D (-840) (-)

Time-->





#13

1,4-Dichlorobenzene

Concen: 40.259 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

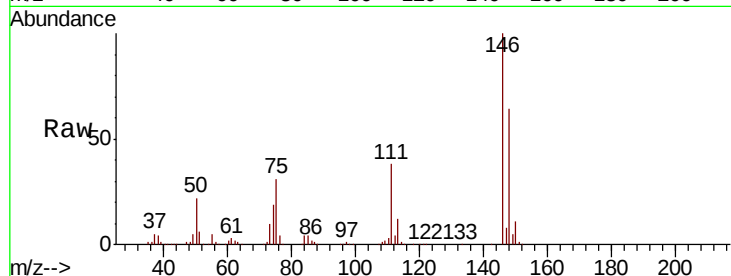
Tot Ion:146 Resp: 198694

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

111 38.3 32.6 48.8

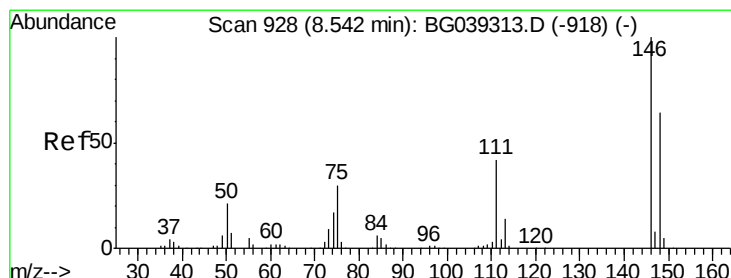
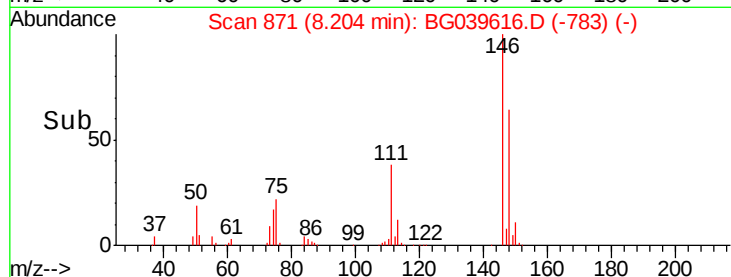
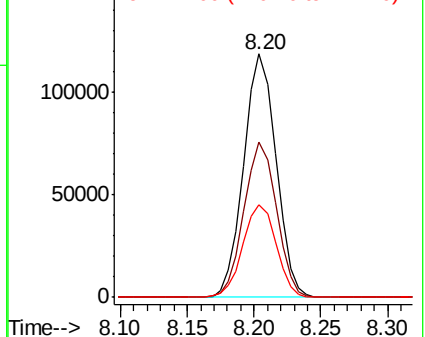


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.624 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

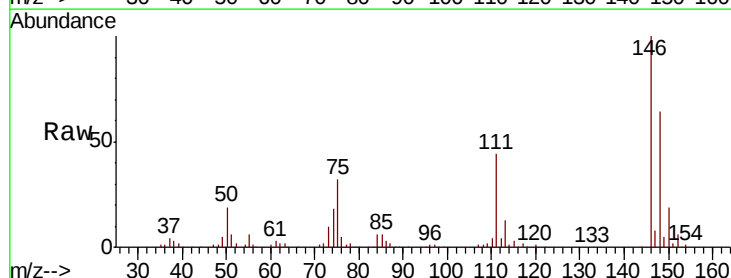
Tgt Ion:146 Resp: 189317

Ion Ratio Lower Upper

146 100

148 63.7 51.5 77.3

111 43.9 33.8 50.6

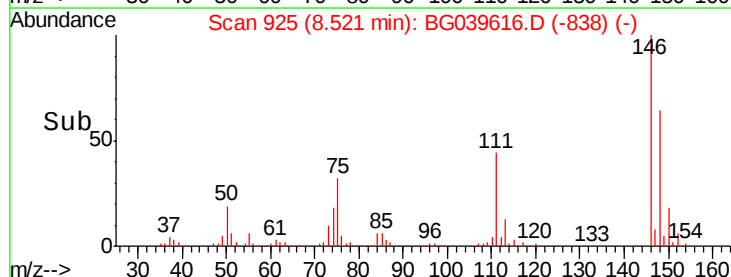
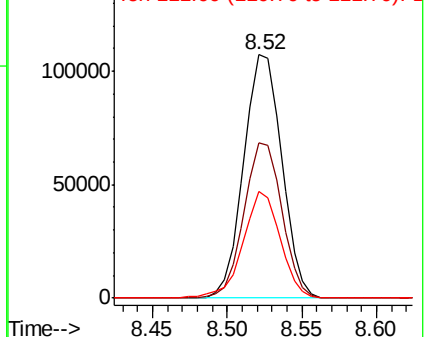


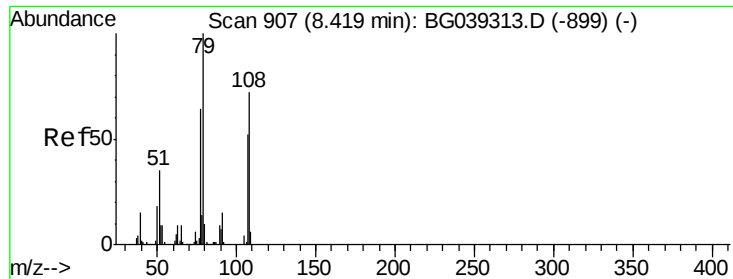
Abundance

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: 37.814 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

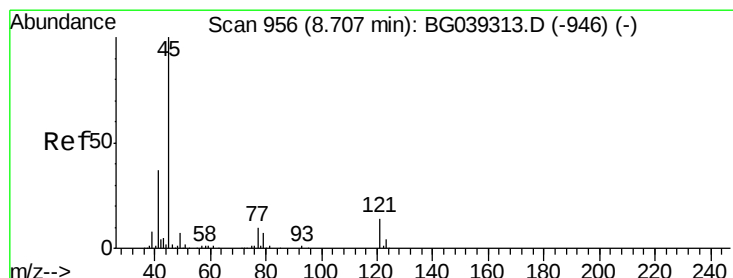
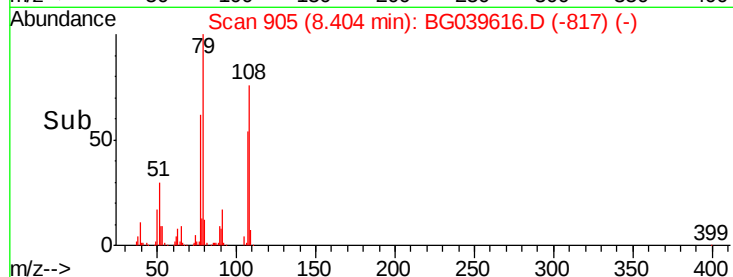
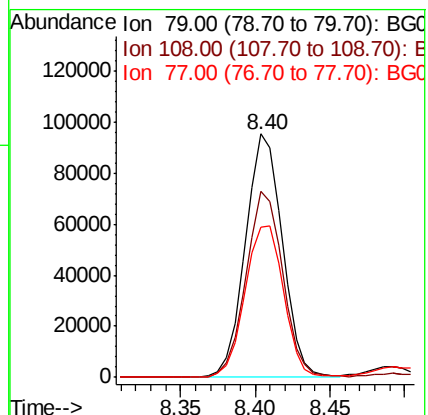
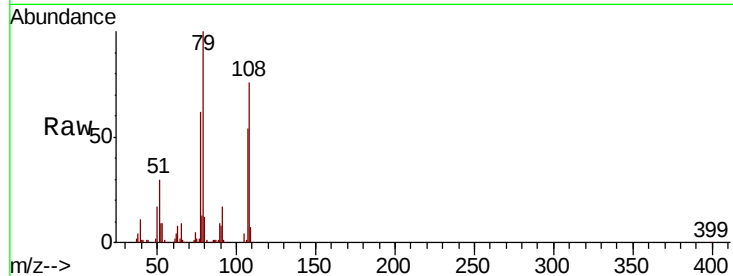
Tot Ion: 79 Resp: 163406

Ion Ratio Lower Upper

79 100

108 76.4 57.8 86.6

77 61.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.071 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

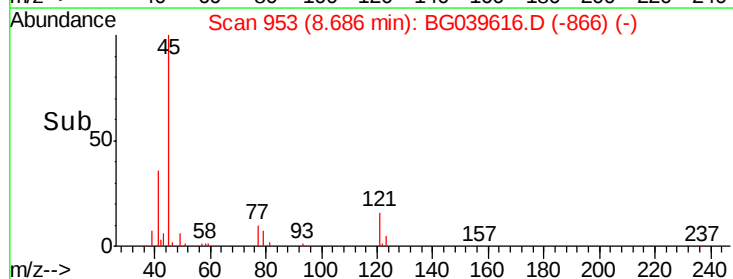
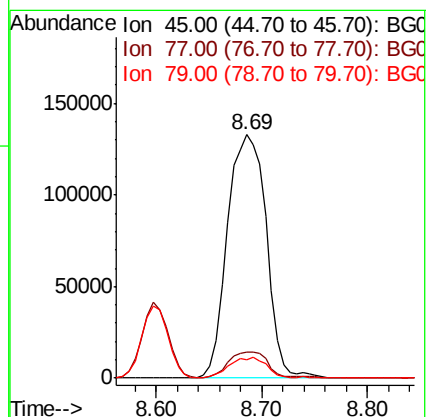
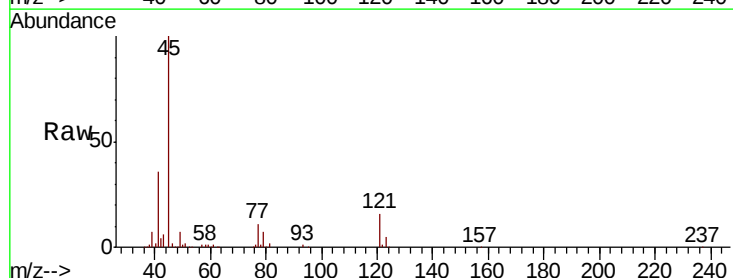
Tgt Ion: 45 Resp: 338594

Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.0

79 7.5 0.0 27.5

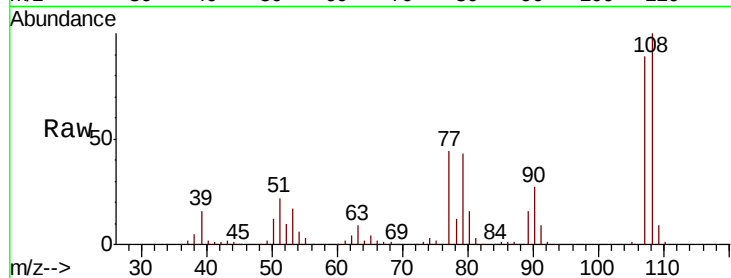




#17
2-Methylphenol
Concen: 38.806 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.8	136.2
77	49.9	40.7	61.1
79	48.0	40.6	60.8



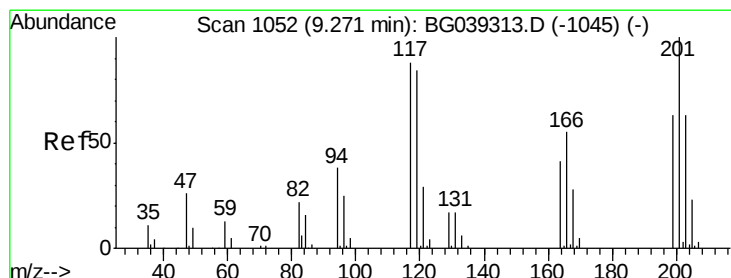
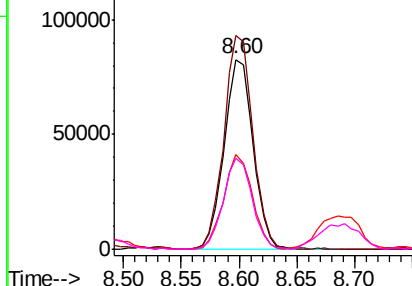
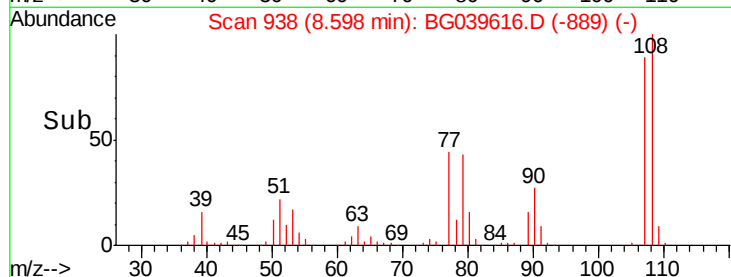
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

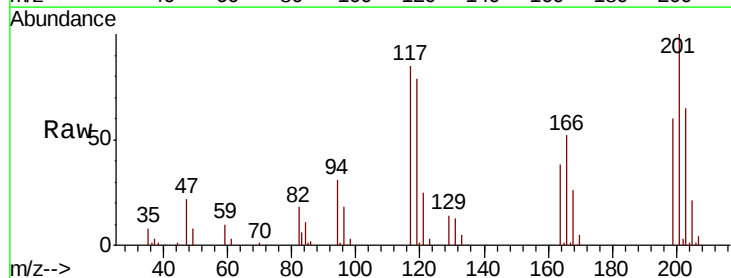
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.662 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.3	114.5
201	117.4	91.1	136.7

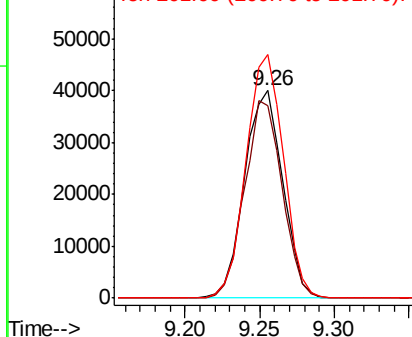
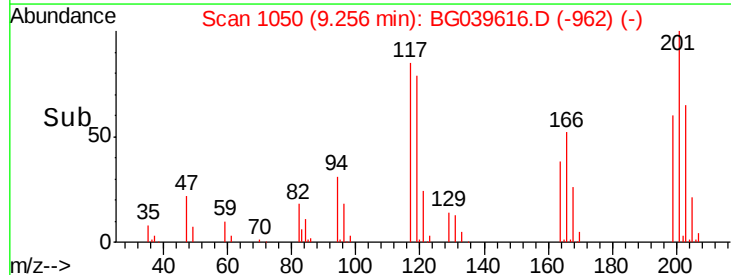


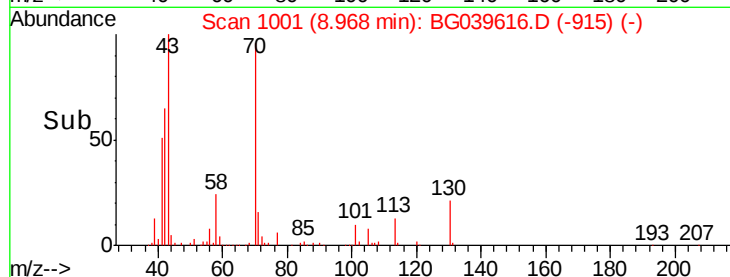
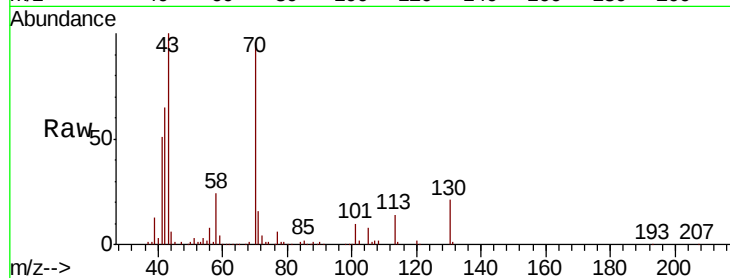
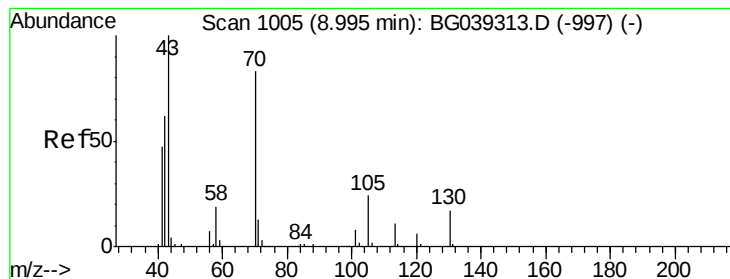
Abundance

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: 36.503 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 142603

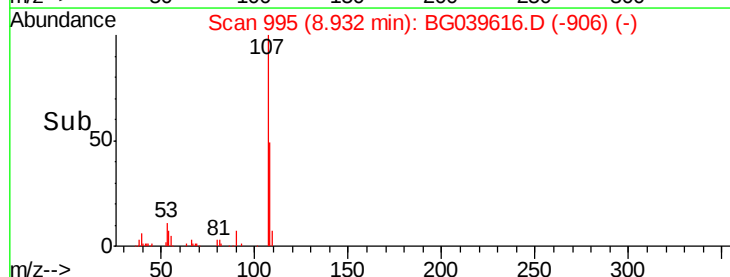
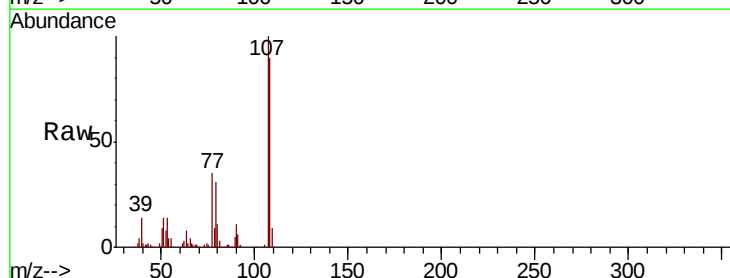
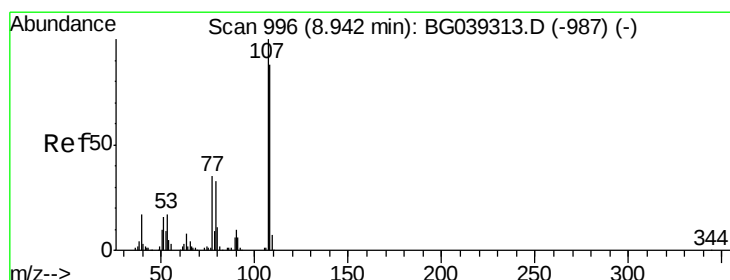
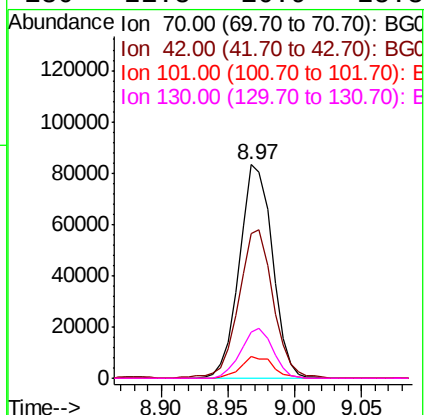
Ion Ratio Lower Upper

70 100

42 68.0 60.4 90.6

101 10.2 7.5 11.3

130 21.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 39.657 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Tgt Ion: 107 Resp: 202769

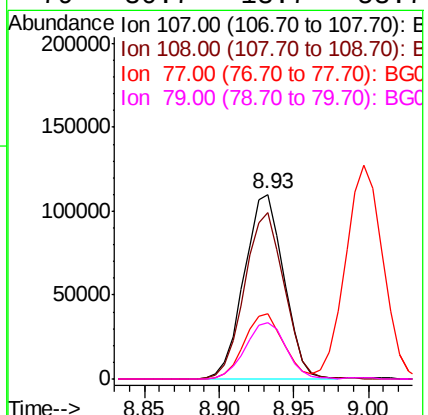
Ion Ratio Lower Upper

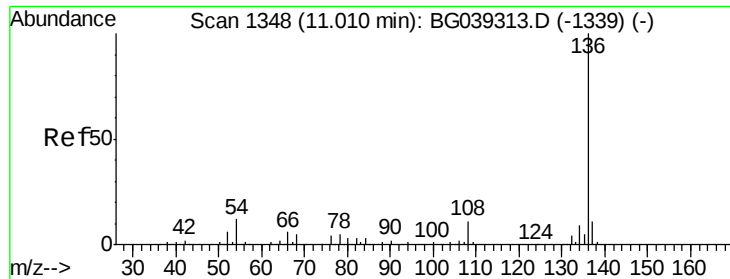
107 100

108 90.3 67.9 107.9

77 35.3 15.4 55.4

79 30.7 13.7 53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 268958

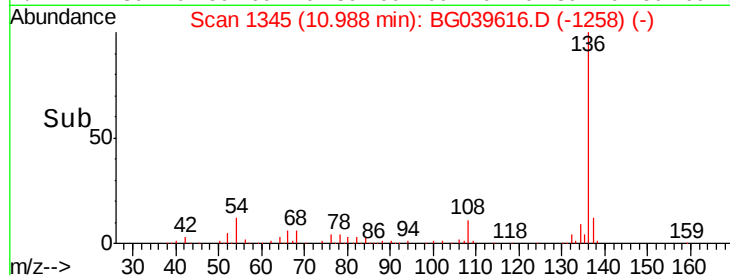
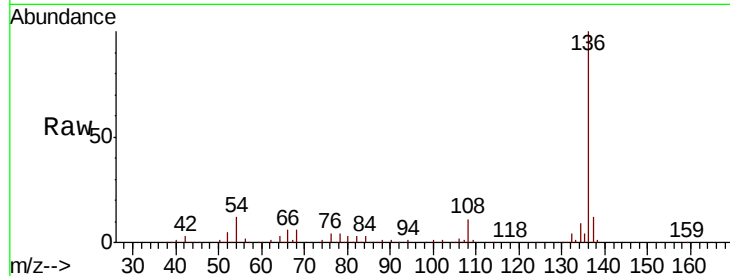
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 11.8 9.4 14.2

68 6.2 4.2 6.4

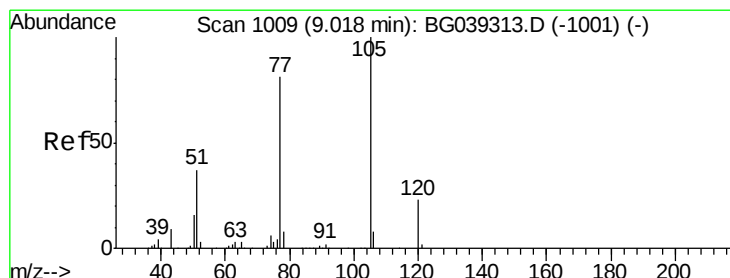
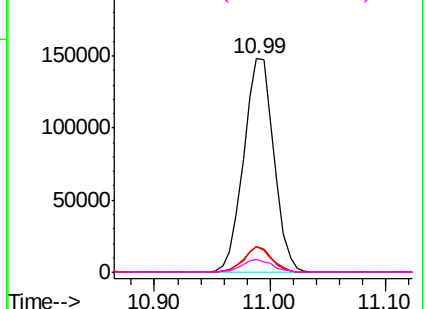


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.090 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Tgt Ion:105 Resp: 282413

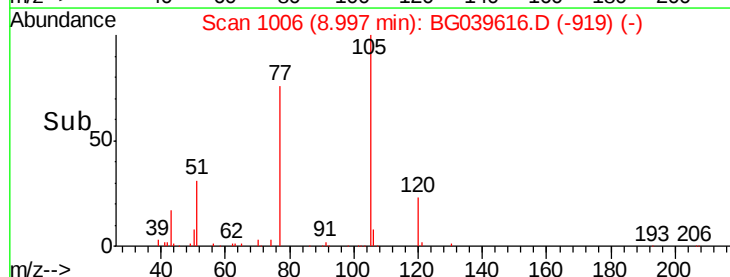
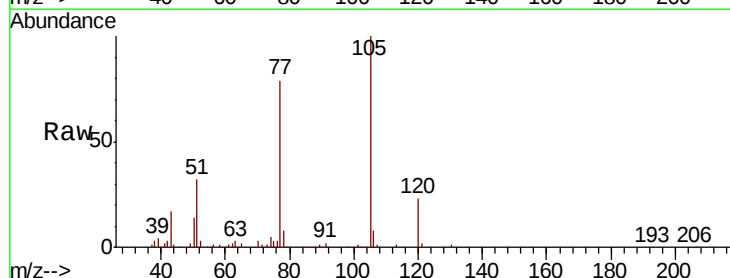
Ion Ratio Lower Upper

105 100

71 0.5 0.8 1.2#

51 31.5 30.2 45.2

120 23.4 18.0 27.0

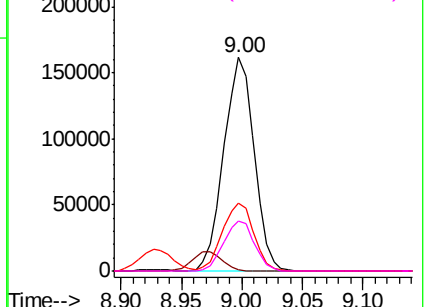


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

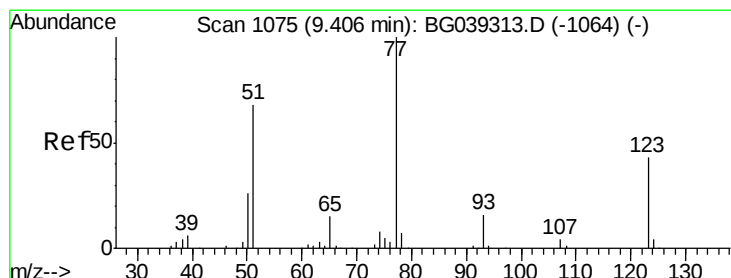
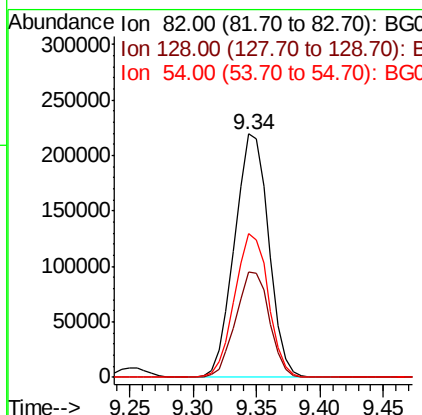
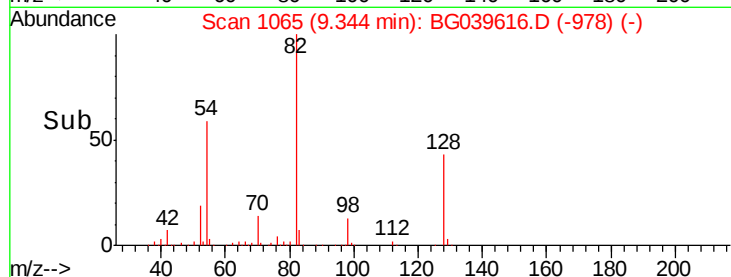
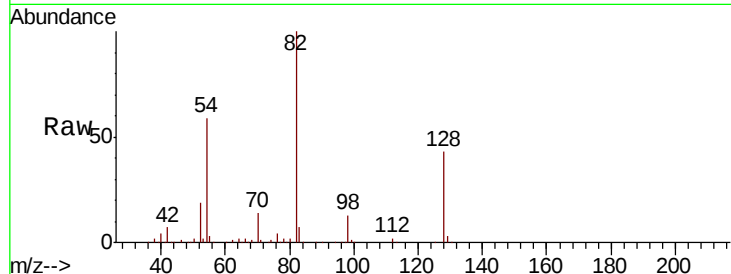




#23
Nitrobenzene-d5
Concen: 95.322 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

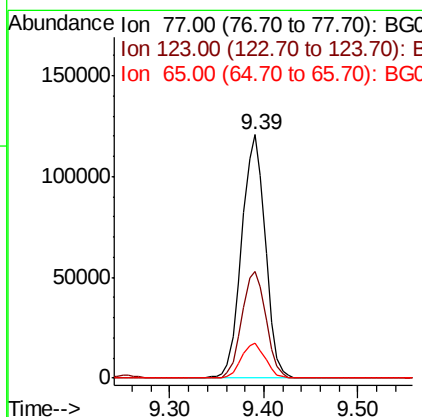
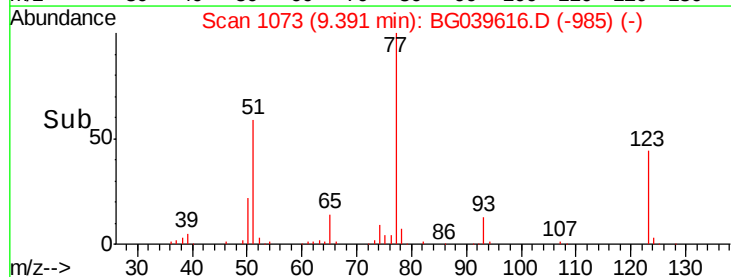
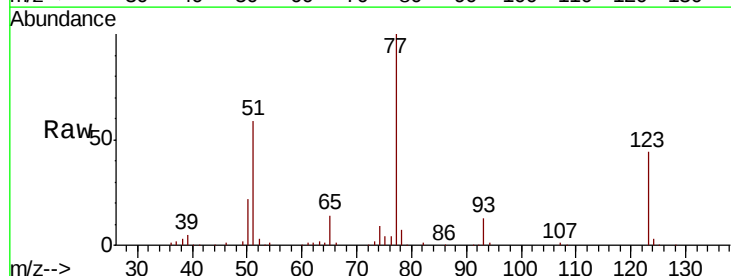
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	410389
Ion Ratio	100	Lower	Upper
128	43.2	31.3	46.9
54	59.0	50.9	76.3



#24
Nitrobenzene
Concen: 45.292 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion	77	Resp	210661
Ion Ratio	100	Lower	Upper
123	43.7	34.1	51.1
65	14.2	12.3	18.5





#25

Isophorone

Concen: 37.182 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

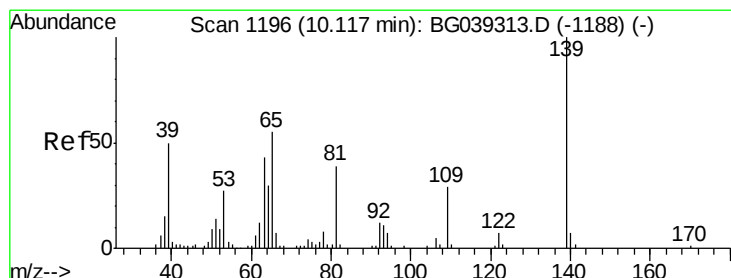
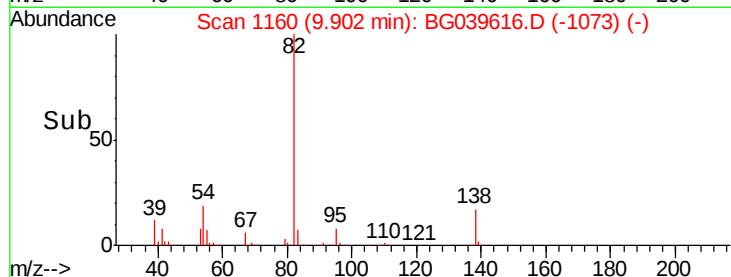
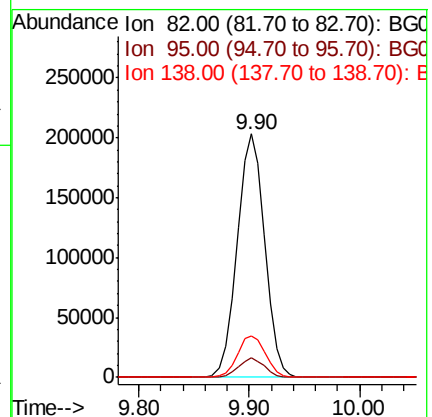
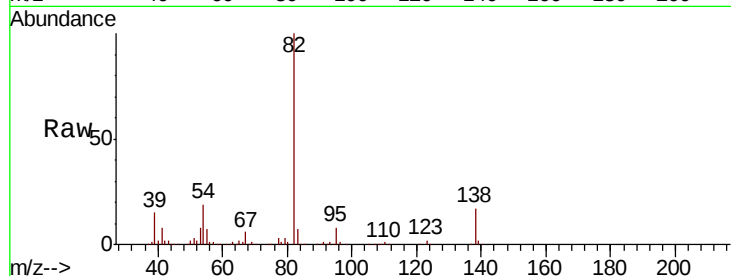
Tot Ion: 82 Resp: 354736

Ion Ratio Lower Upper

82 100

95 8.0 6.2 9.2

138 17.1 13.0 19.4



#26

2-Nitrophenol

Concen: 55.121 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

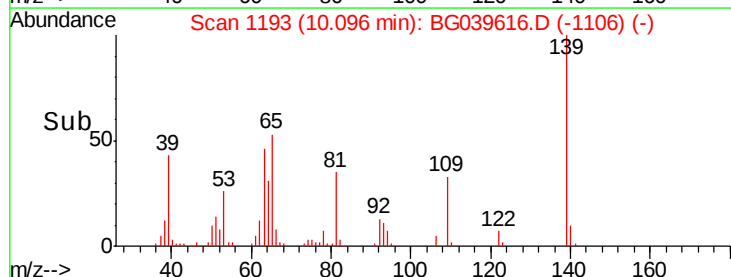
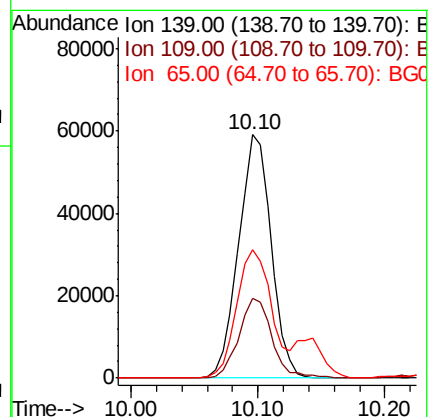
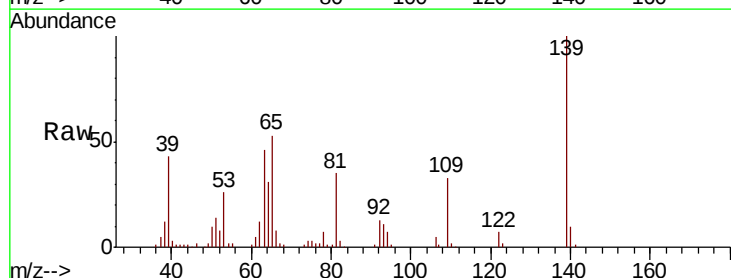
Tgt Ion: 139 Resp: 105288

Ion Ratio Lower Upper

139 100

109 32.9 23.4 35.0

65 52.5 44.3 66.5

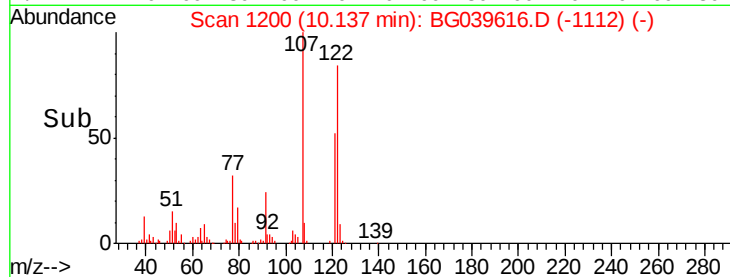
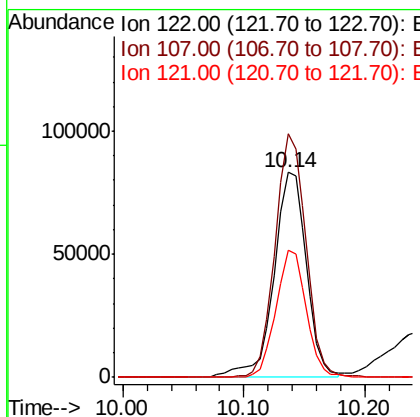
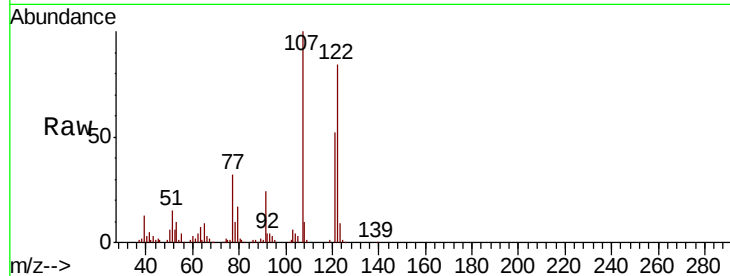




#27
 2,4-Dimethylphenol
 Concen: 39.874 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG039616.D
 Acq: 27 Feb 2019 2:00

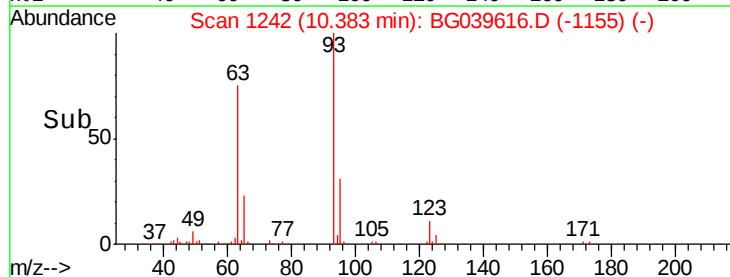
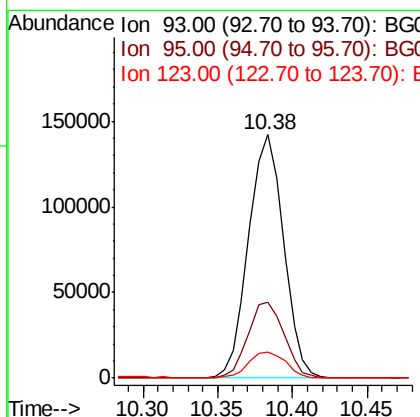
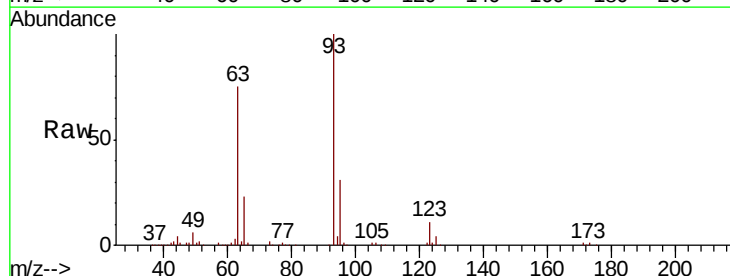
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	91.7	137.5
121	62.0	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.239 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039616.D
 Acq: 27 Feb 2019 2:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.0	37.4
123	10.9	8.6	12.8

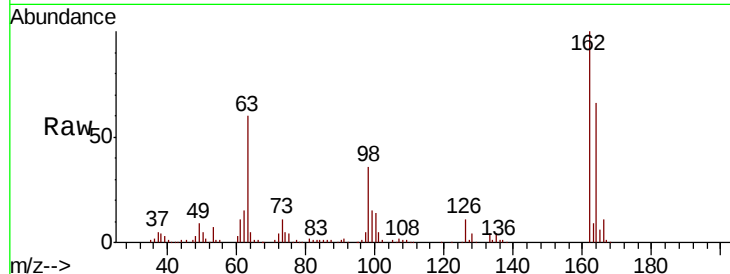




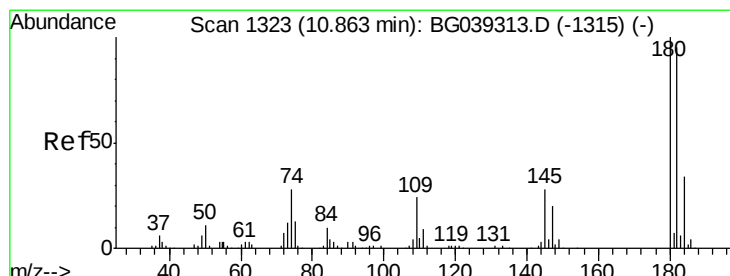
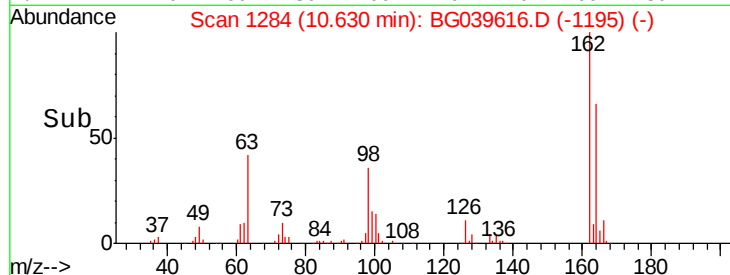
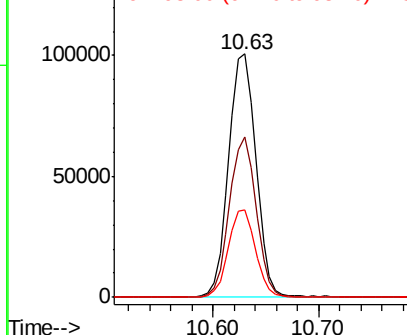
#29
 2,4-Dichlorophenol
 Concen: 42.701 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039616.D
 Acq: 27 Feb 2019 2:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	48.1	88.1
98	35.8	18.1	58.1

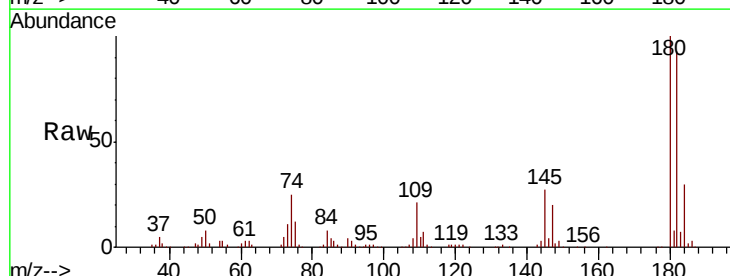


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

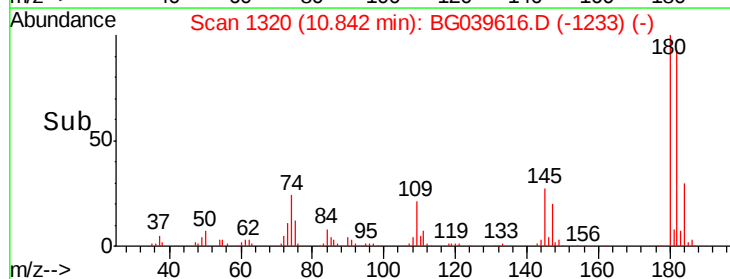
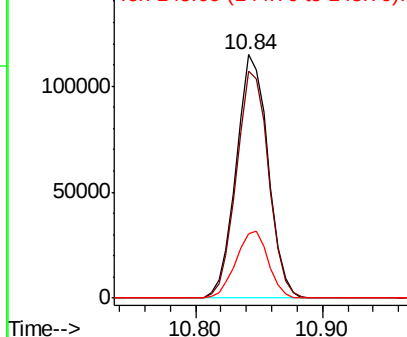


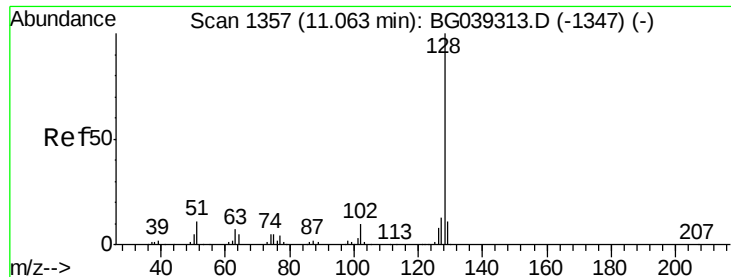
#30
 1,2,4-Trichlorobenzene
 Concen: 42.173 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039616.D
 Acq: 27 Feb 2019 2:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.0	114.0
145	26.6	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

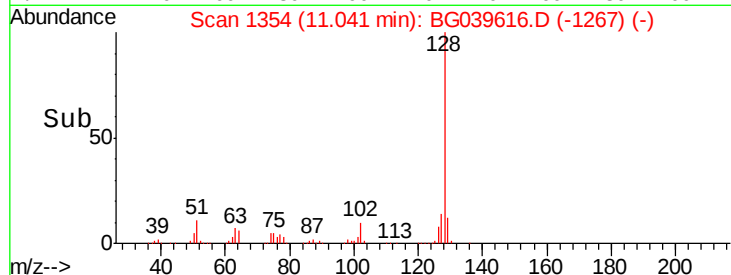
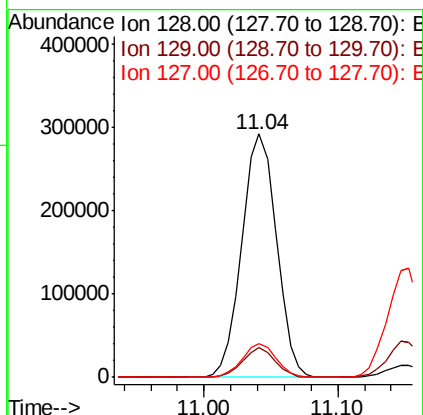
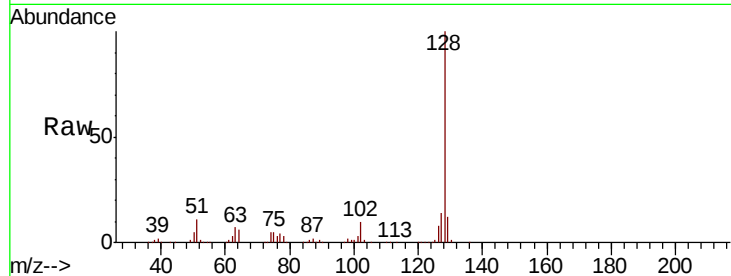




#31
Naphthalene
Concen: 39.330 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

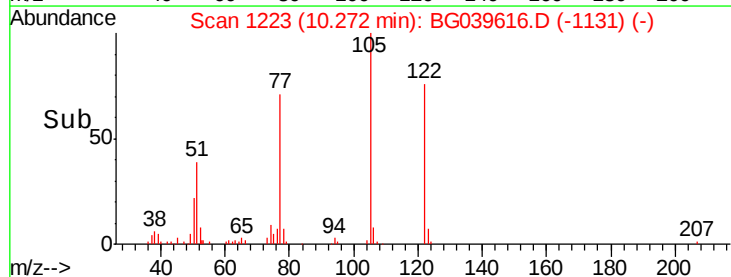
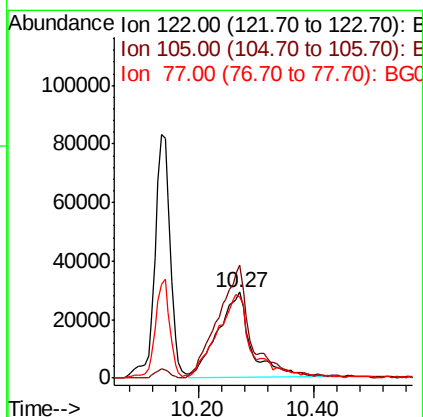
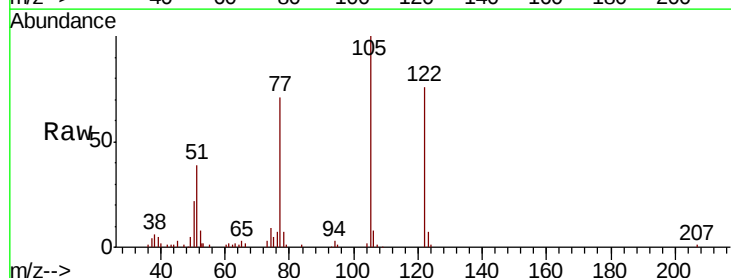
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 524769
Ion Ratio Lower Upper
128 100
129 12.1 8.7 13.1
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 46.615 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion:122 Resp: 116997
Ion Ratio Lower Upper
122 100
105 131.9 101.8 141.8
77 94.2 76.3 116.3

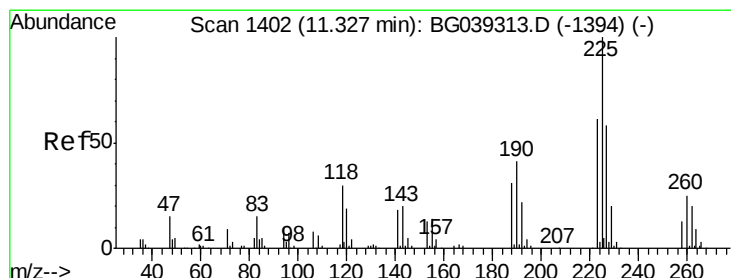
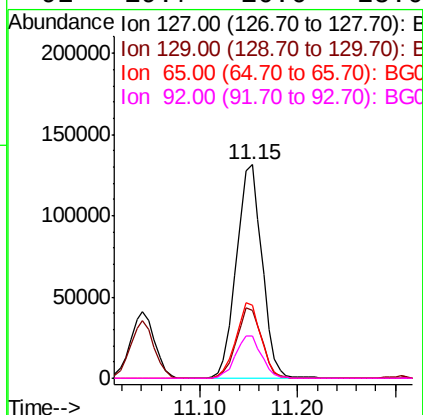
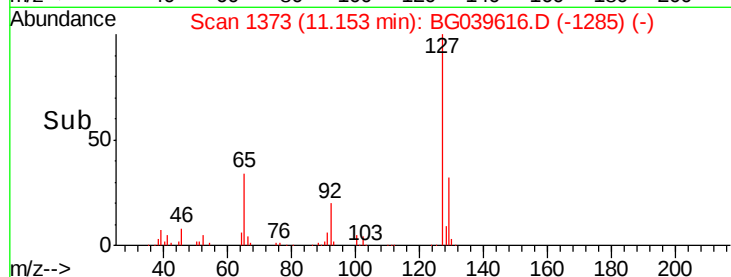
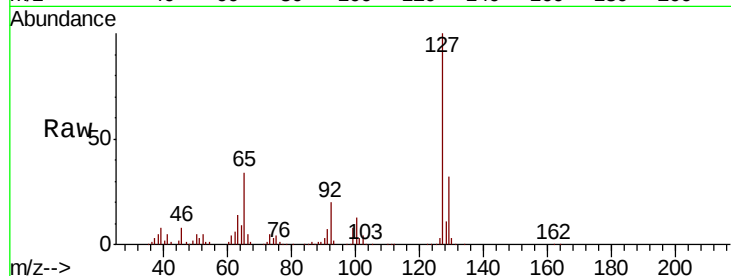




#33
4-Chloroaniline
Concen: 38.975 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

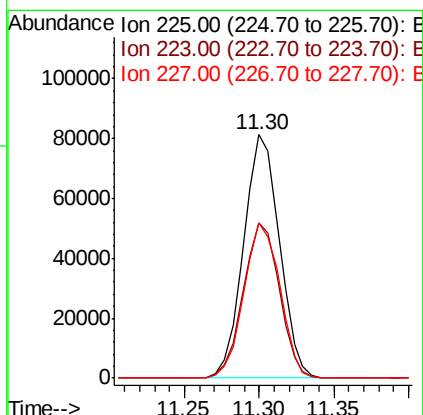
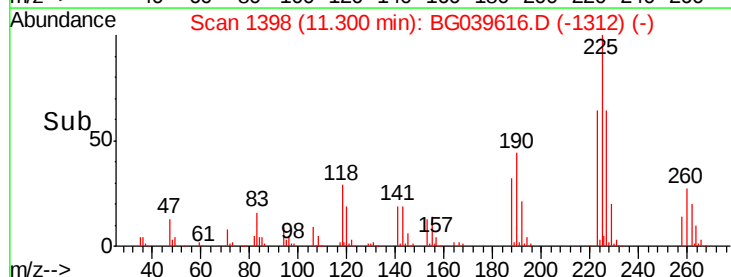
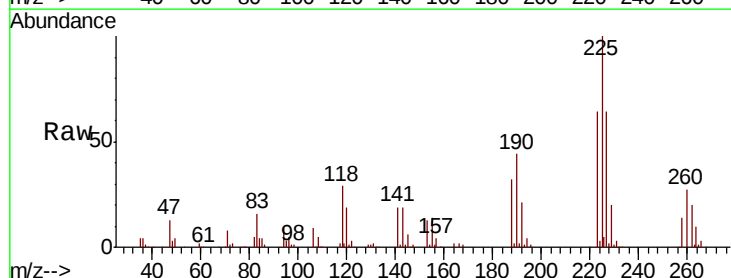
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	241126
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.0	40.4
65	34.5	28.8	43.2
92	19.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.844 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion:	225	Resp:	134929
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.0	73.6
227	63.5	46.3	69.5





#35

Caprolactam

Concen: 42.101 ng

RT: 11.95 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

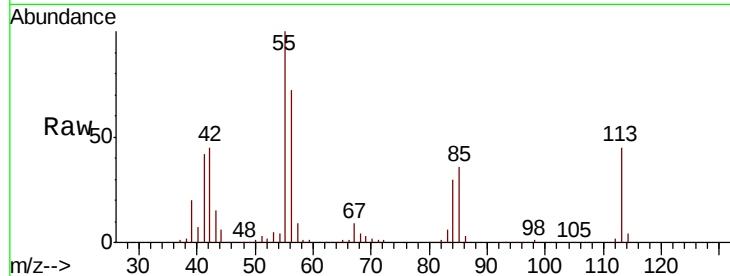
Tot Ion:113 Resp: 73485

Ion Ratio Lower Upper

113 100

55 223.9 216.9 256.9

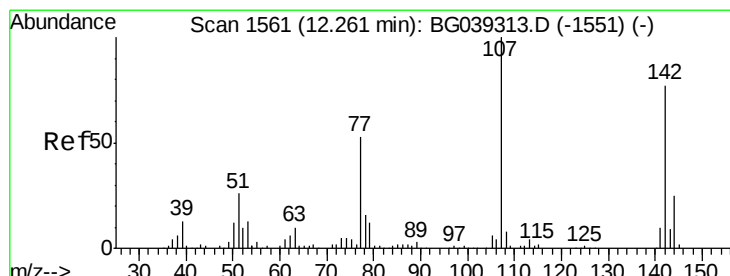
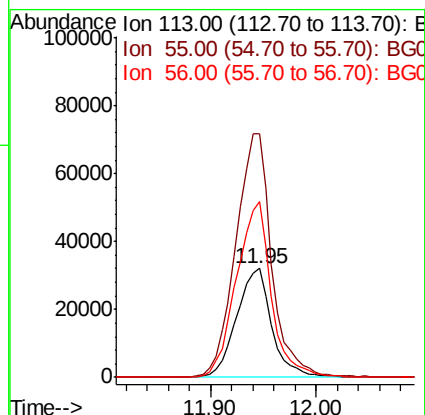
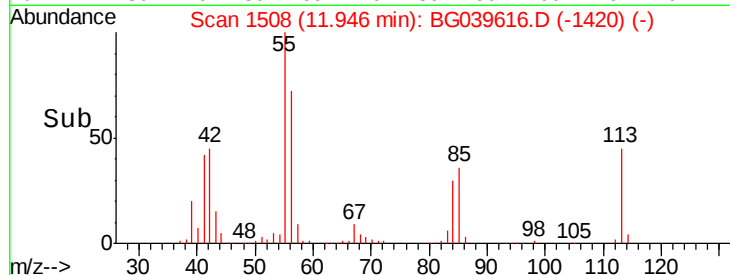
56 162.2 152.6 192.6



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: 40.242 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

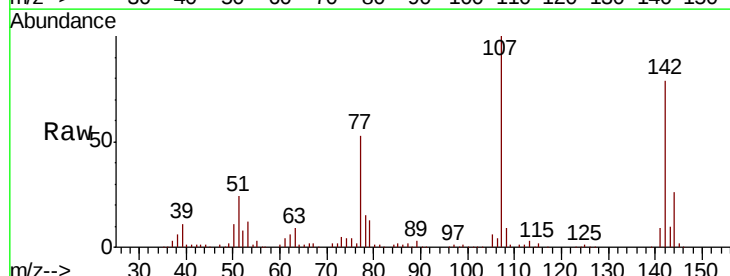
Tgt Ion:107 Resp: 196308

Ion Ratio Lower Upper

107 100

144 25.9 20.2 30.2

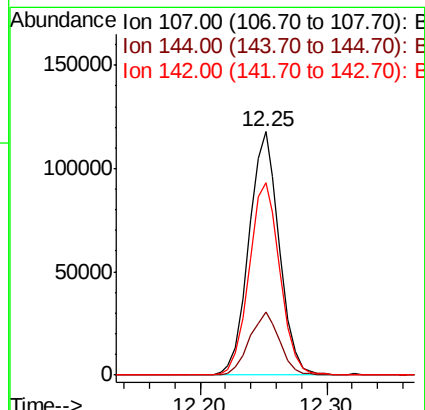
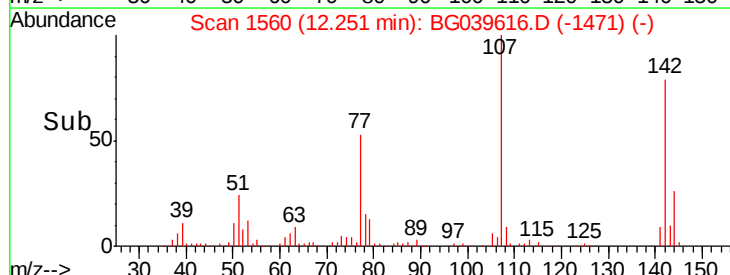
142 78.8 61.4 92.2

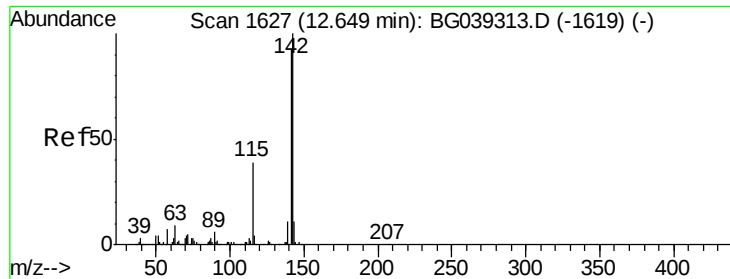


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

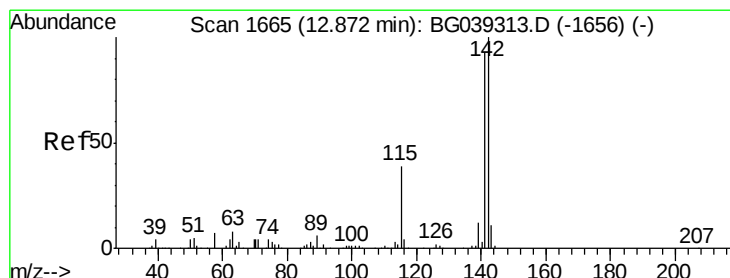
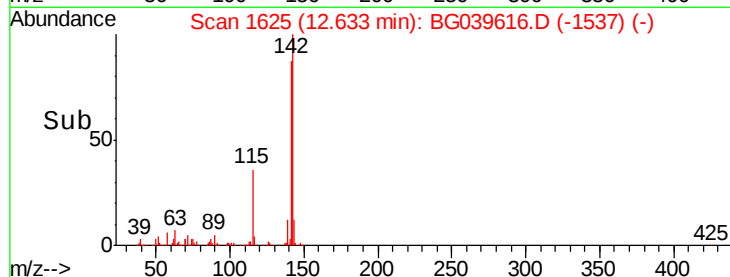
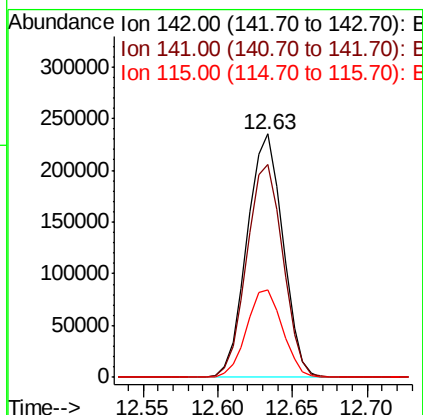
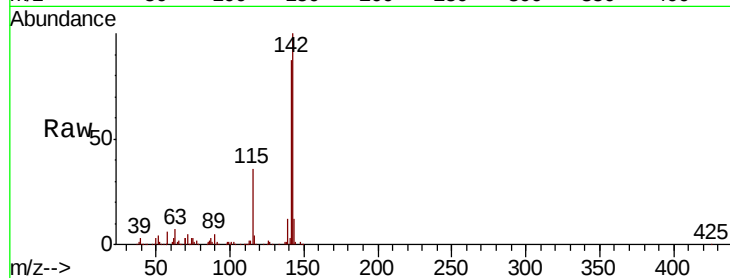




#37
2-Methylnaphthalene
Concen: 39.467 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

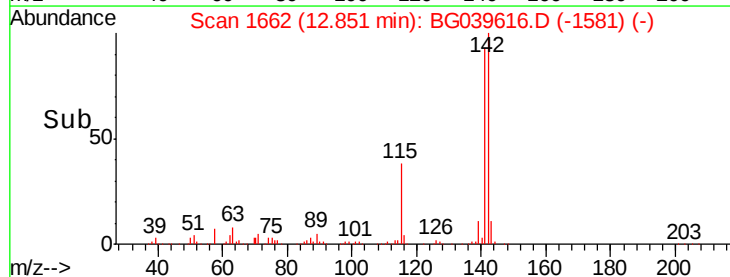
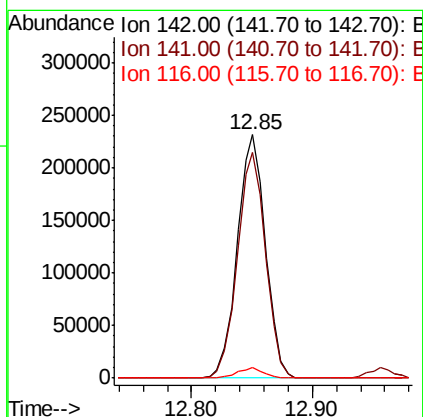
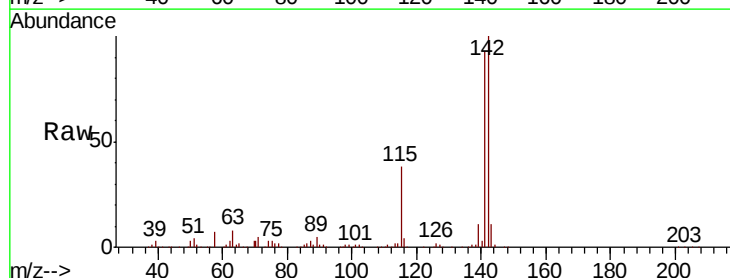
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

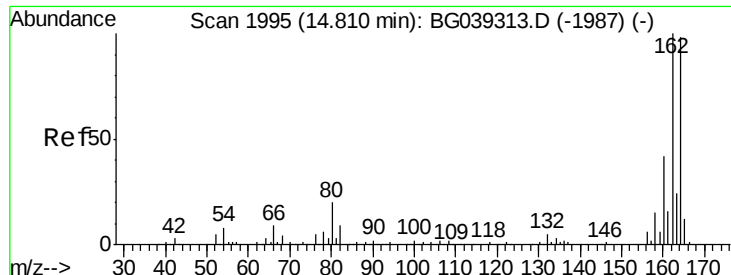
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	73.5	110.3
115	36.1	30.8	46.2



#38
1-Methylnaphthalene
Concen: 39.354 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

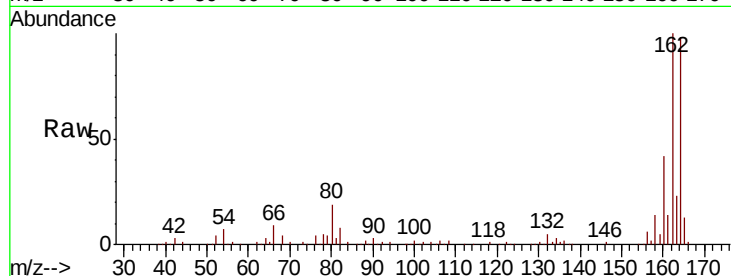
Tot Ion:164 Resp: 179100

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 43.2 34.2 51.2

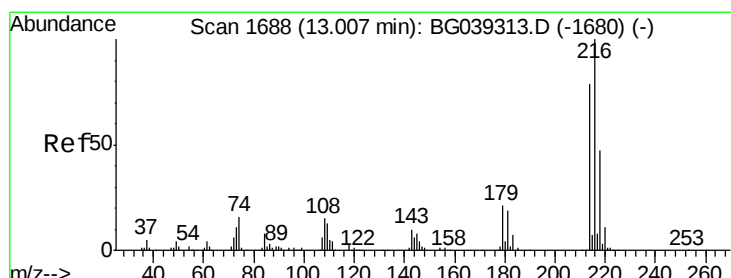
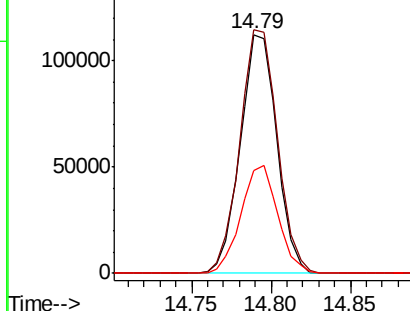
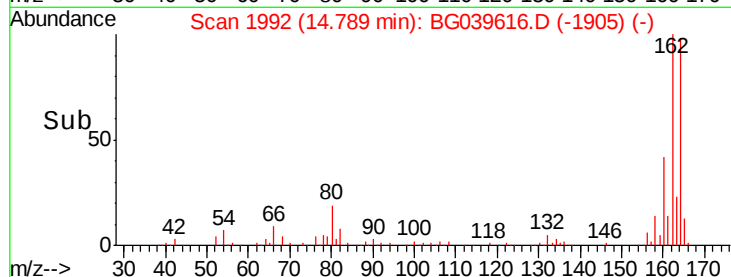


Abundance

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: 42.503 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Tgt Ion:216 Resp: 242203

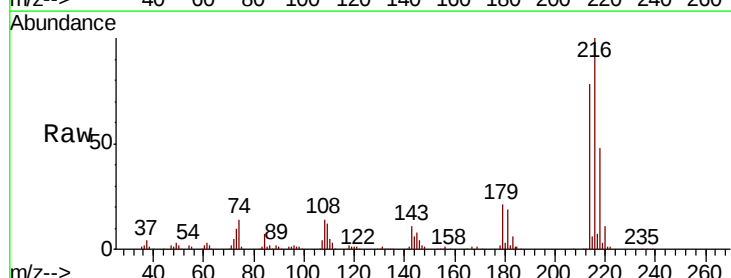
Ion Ratio Lower Upper

216 100

214 80.4 62.6 94.0

179 20.7 16.6 25.0

108 15.8 14.0 21.0



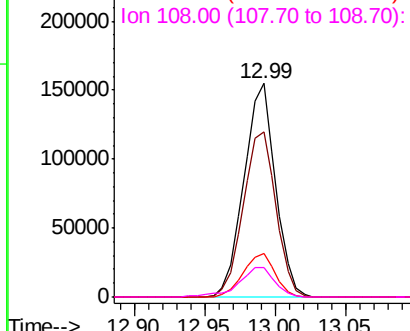
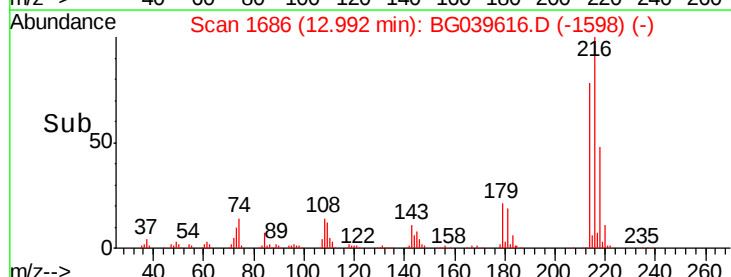
Abundance

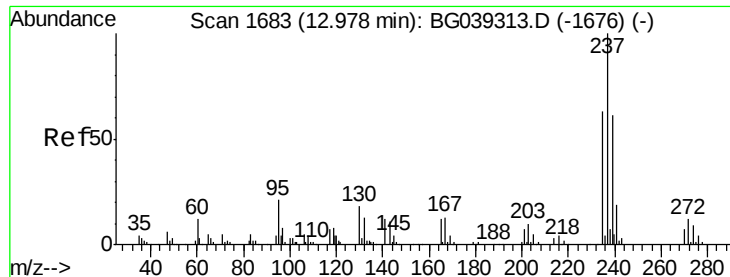
Ion 216.00 (215.70 to 216.70): E

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: 41.844 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

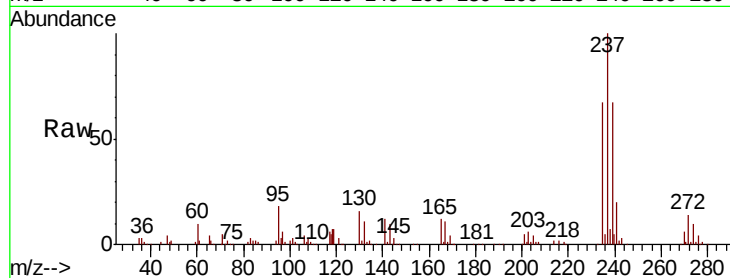
Tot Ion:237 Resp: 129932

Ion Ratio Lower Upper

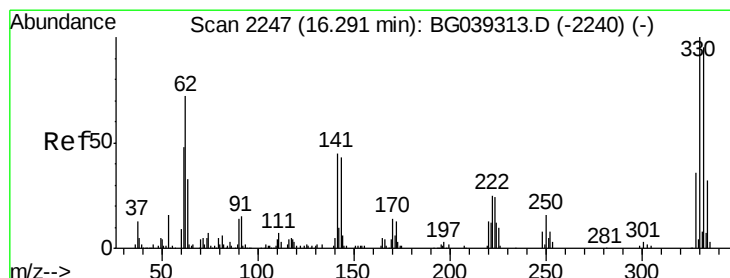
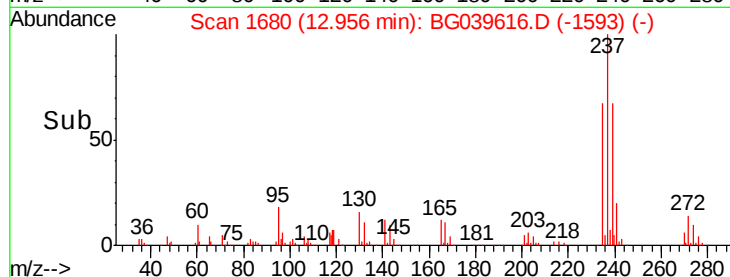
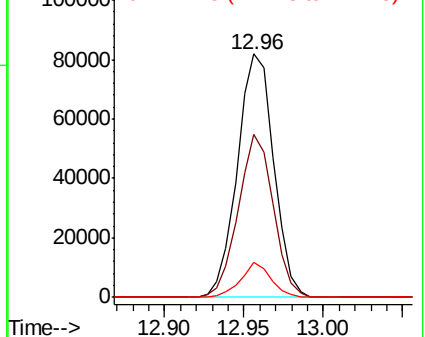
237 100

235 66.9 43.3 83.3

272 14.4 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: 92.364 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

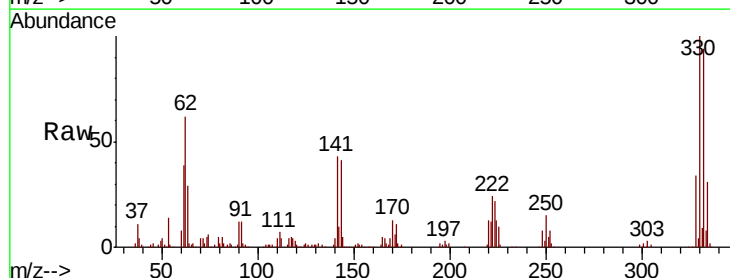
Tgt Ion:330 Resp: 178134

Ion Ratio Lower Upper

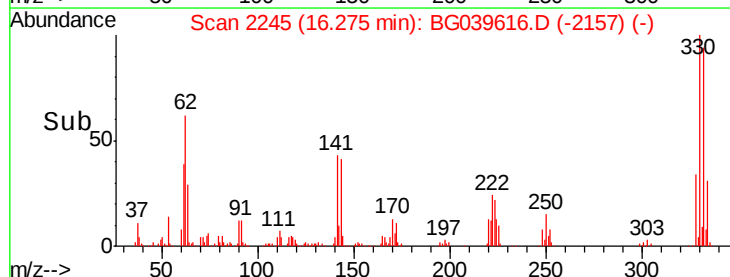
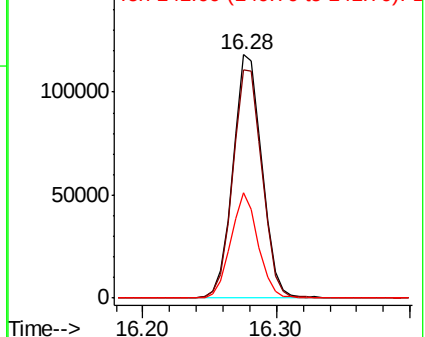
330 100

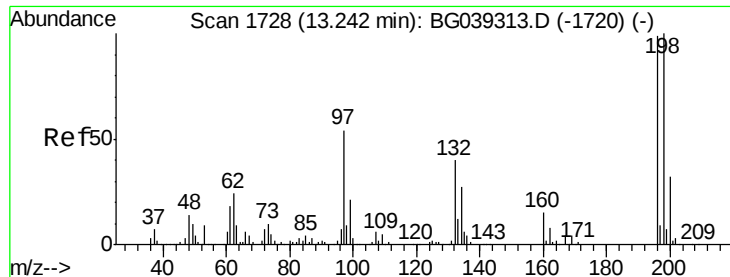
332 95.4 75.7 113.5

141 40.7 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

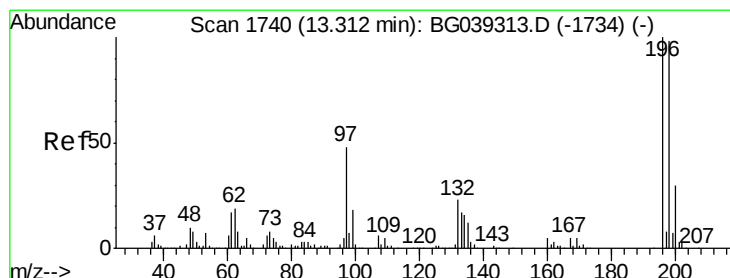
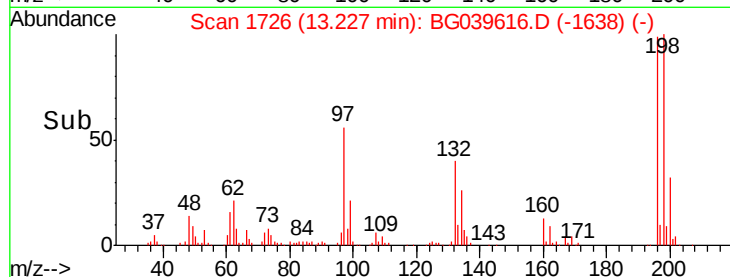
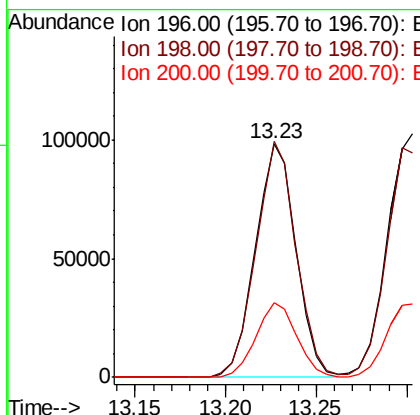
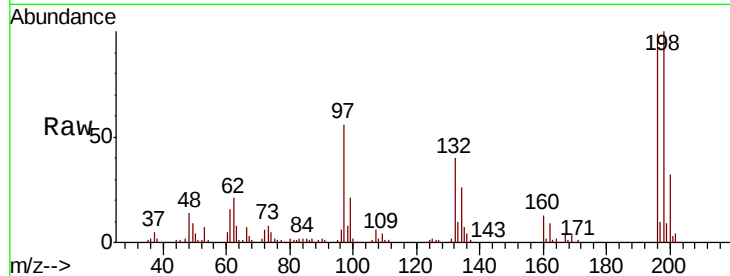




#43
 2,4,6-Trichlorophenol
 Concen: 43.917 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BG039616.D
 Acq: 27 Feb 2019 2:00

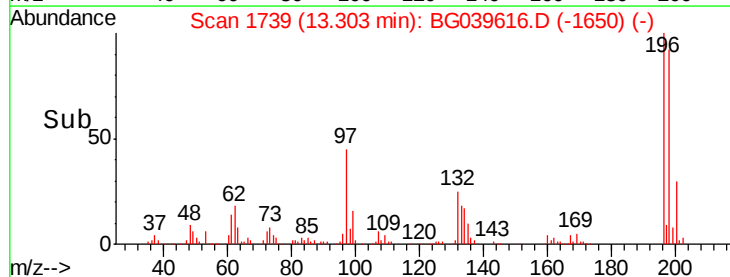
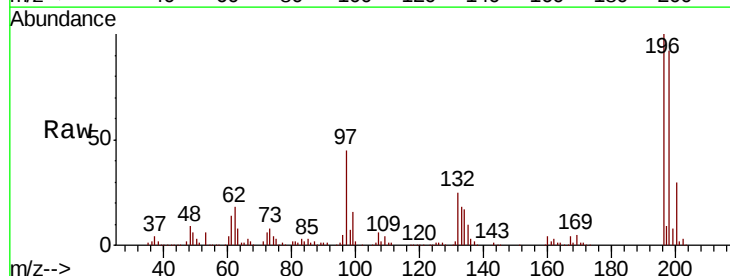
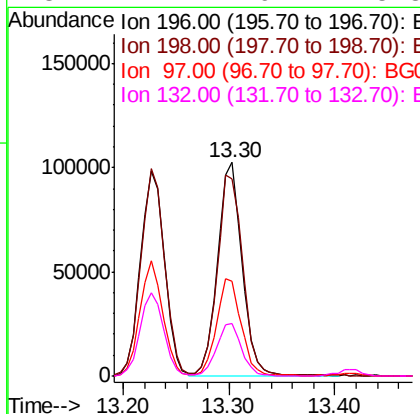
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.3	80.6	121.0
200	32.0	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.071 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039616.D
 Acq: 27 Feb 2019 2:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	78.5	117.7
97	44.6	38.4	57.6
132	24.7	19.2	28.8

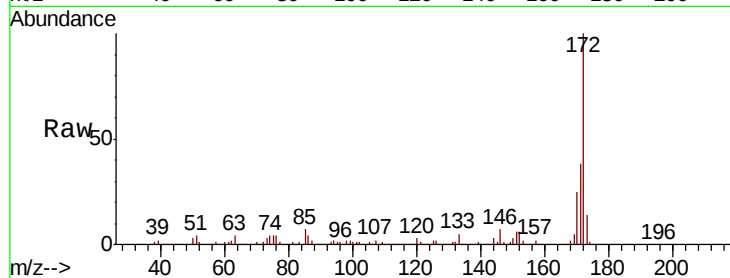




#45
2-Fluorobiphenyl
Concen: 77.549 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	25.2	20.2	30.4

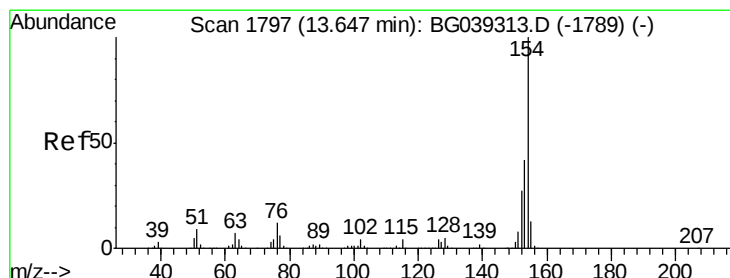
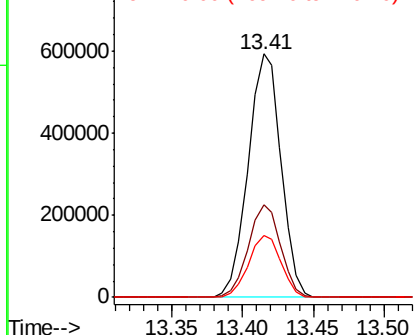
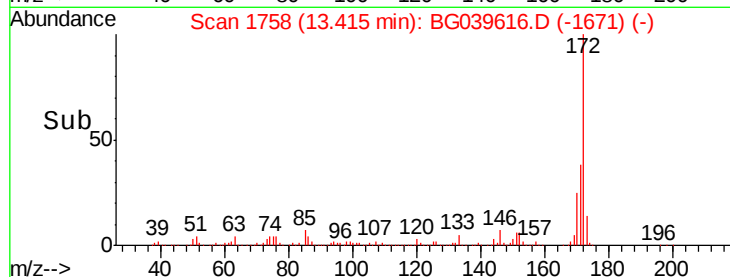


Abundance

Ion 172.00 (171.70 to 172.70): E

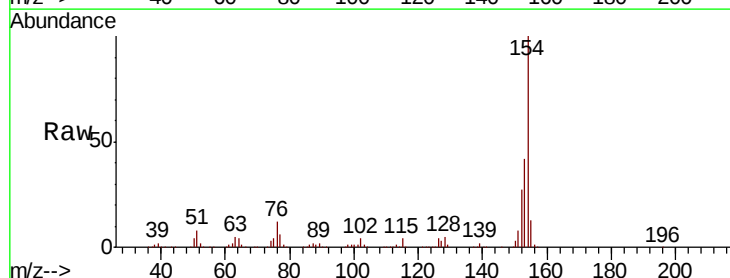
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.518 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	12.1	0.0	32.4

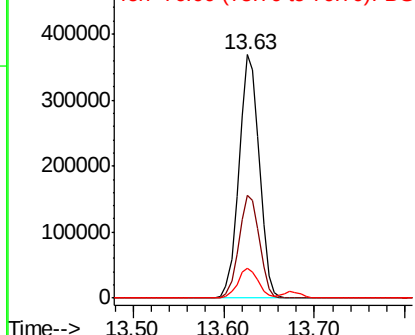
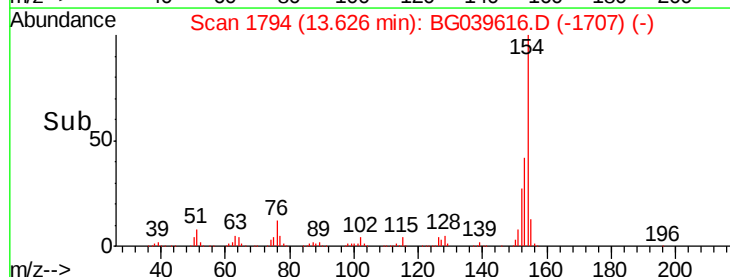


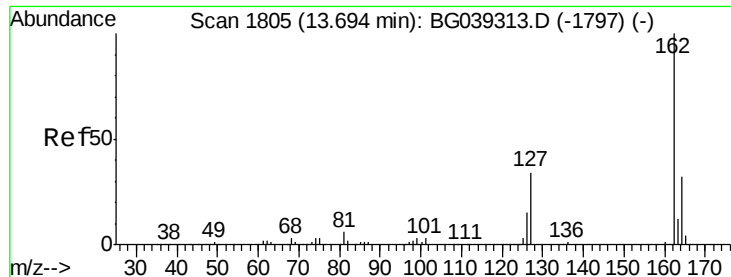
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

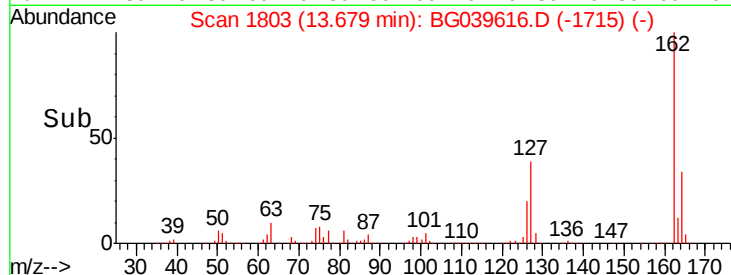
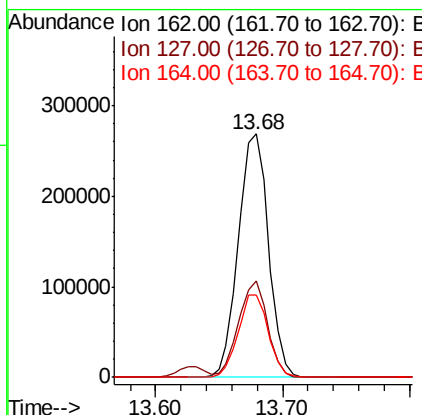
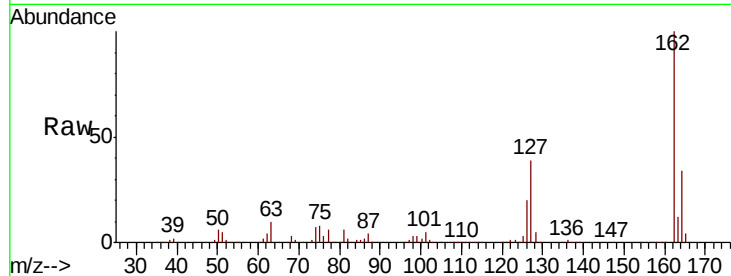




#47
2-Chloronaphthalene
Concen: 39.406 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

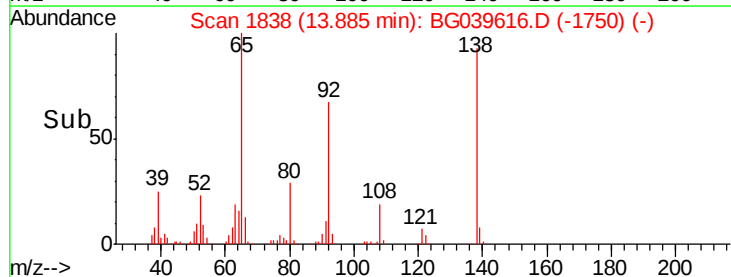
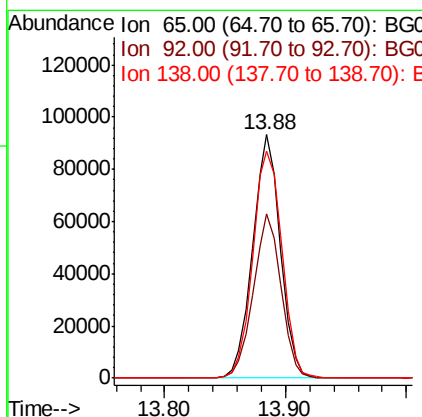
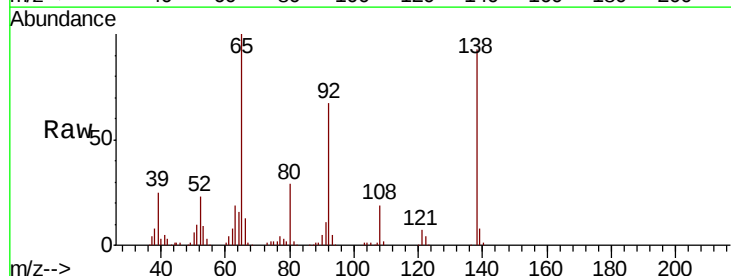
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

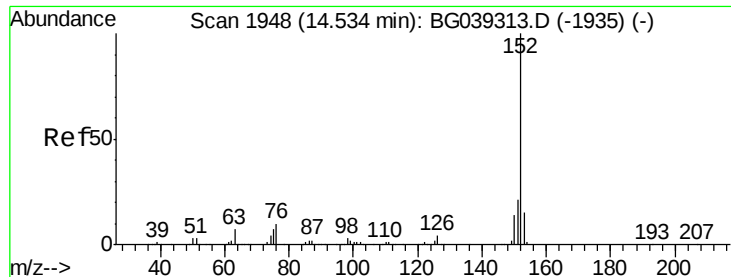
Tot Ion:162 Resp: 441743
Ion Ratio Lower Upper
162 100
127 39.4 31.0 46.6
164 34.0 25.7 38.5



#48
2-Nitroaniline
Concen: 46.486 ng
RT: 13.88 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion: 65 Resp: 148679
Ion Ratio Lower Upper
65 100
92 67.2 51.4 77.2
138 93.1 71.4 107.2





#49

Acenaphthylene

Concen: 38.944 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

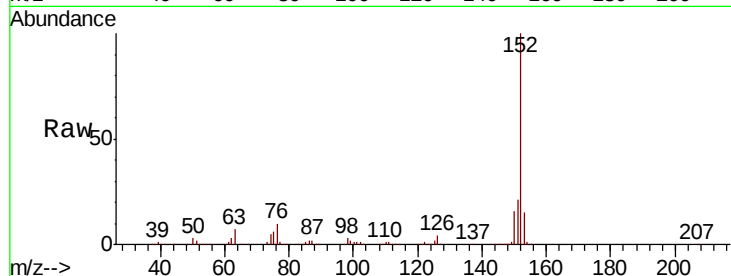
Tot Ion:152 Resp: 658741

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

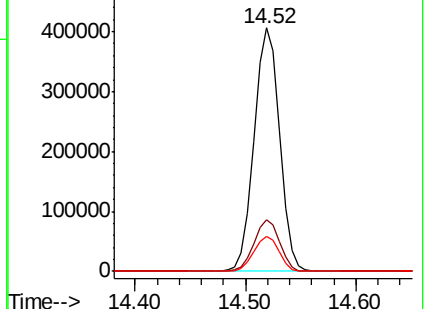
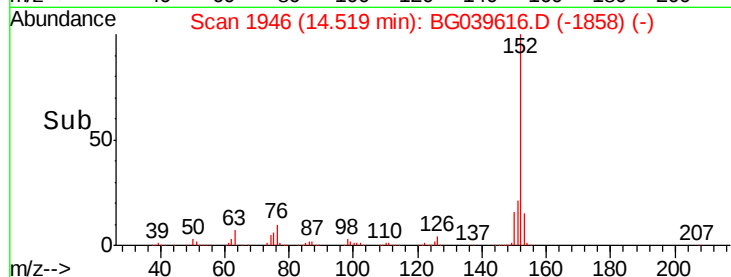
153 14.6 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.958 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

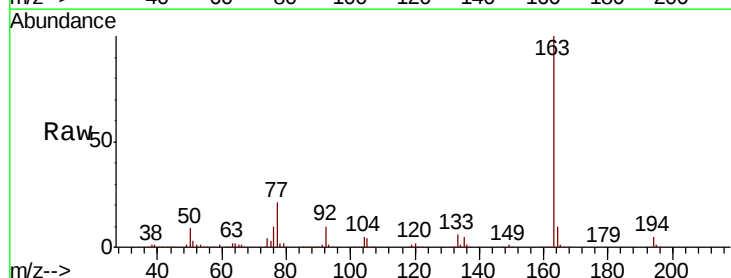
Tgt Ion:163 Resp: 563518

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

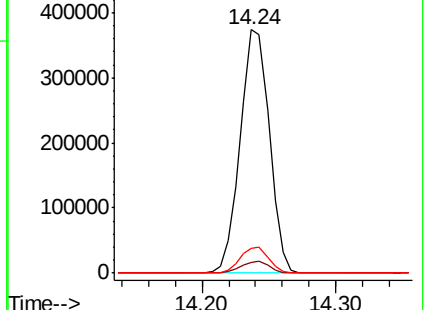
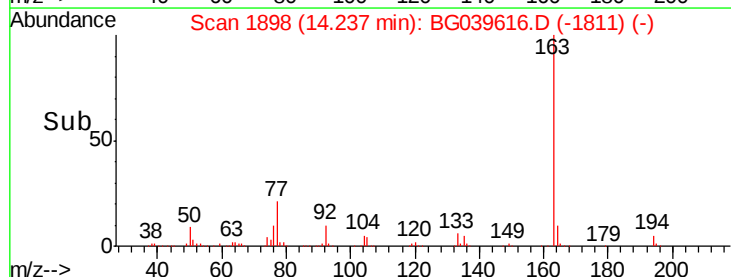
164 10.3 8.4 12.6



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

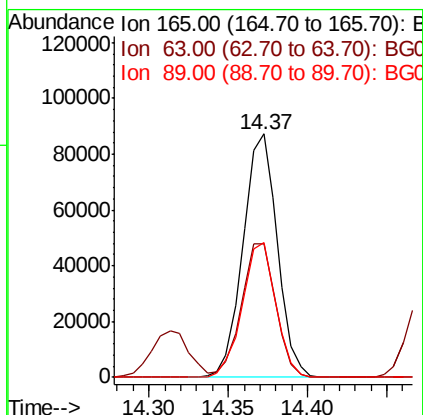
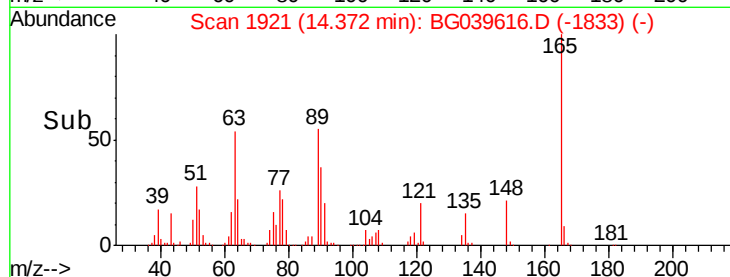
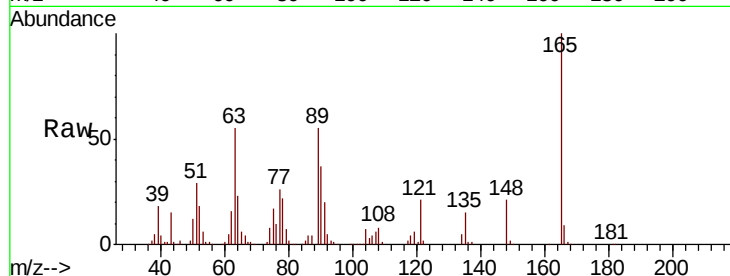




#51
2,6-Dinitrotoluene
Concen: 48.311 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

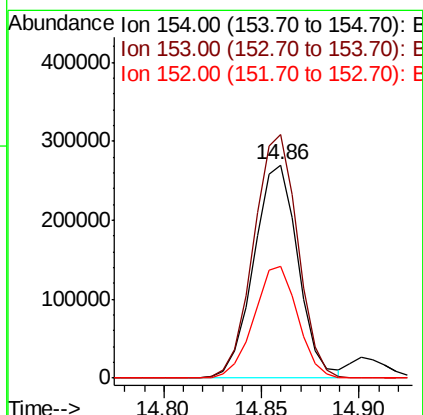
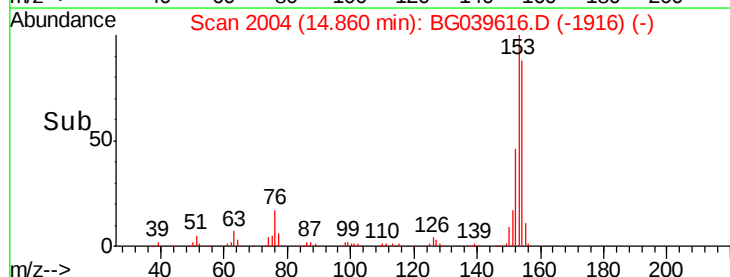
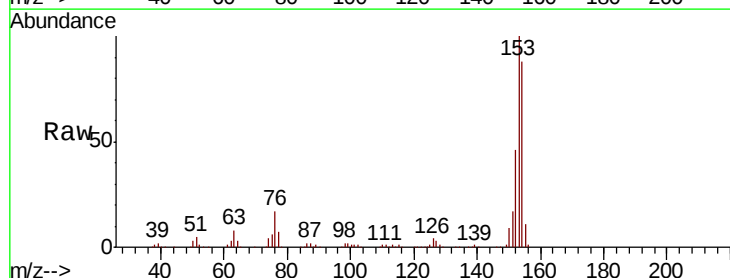
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

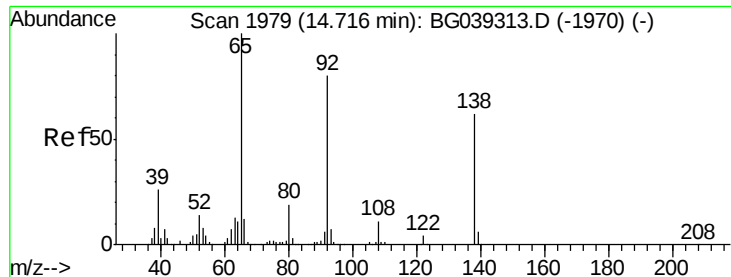
Tot Ion:165 Resp: 130738
Ion Ratio Lower Upper
165 100
63 54.7 47.0 70.6
89 55.4 45.8 68.8



#52
Acenaphthene
Concen: 38.671 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion:154 Resp: 424609
Ion Ratio Lower Upper
154 100
153 114.2 90.1 135.1
152 52.5 40.9 61.3

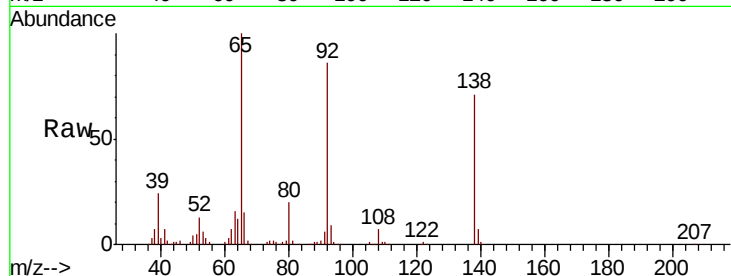




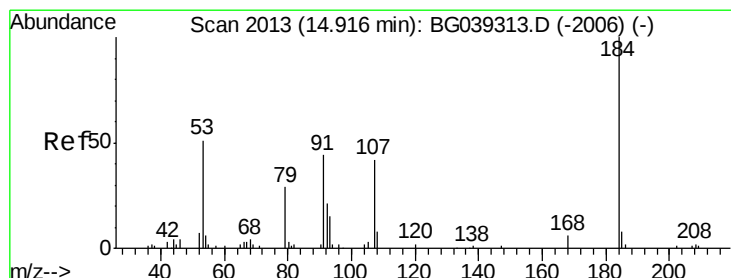
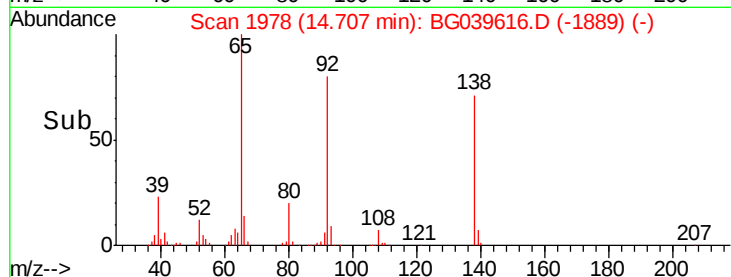
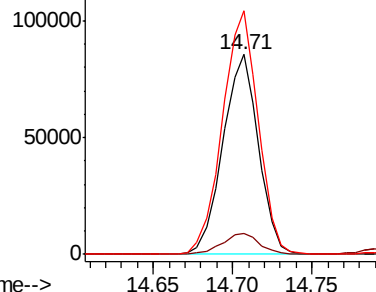
#53
3-Nitroaniline
Concen: 46.117 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 133771
Ion Ratio Lower Upper
138 100
108 10.5 13.8 20.8#
92 121.8 103.7 155.5

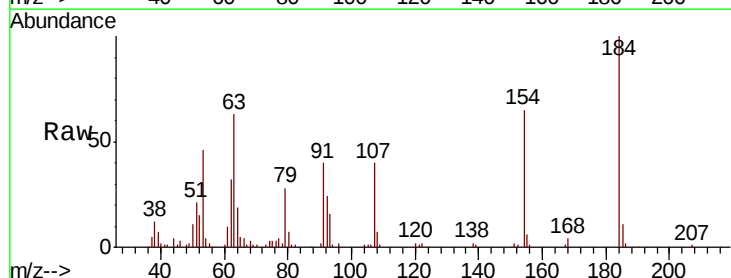


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

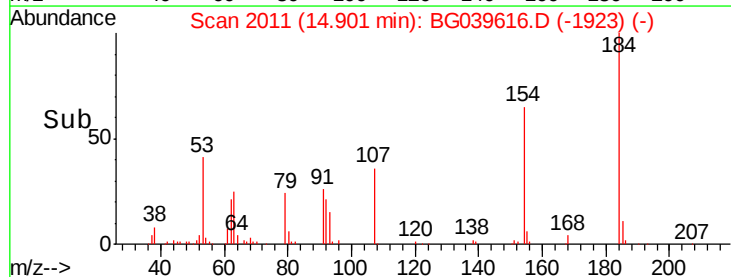
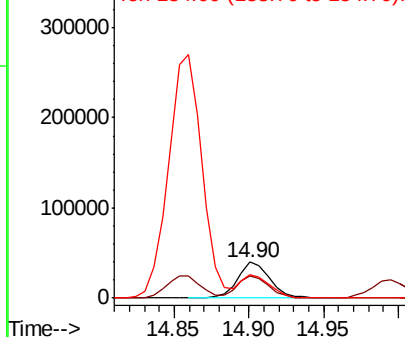


#54
2,4-Dinitrophenol
Concen: 58.143 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion:184 Resp: 60110
Ion Ratio Lower Upper
184 100
63 63.0 50.9 76.3
154 65.2 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

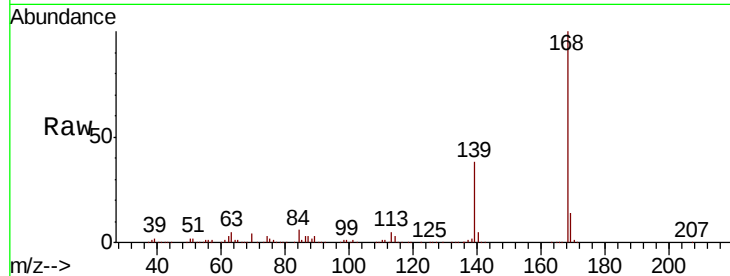




#55
Dibenzofuran
Concen: 39.648 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	13.6	10.6	16.0

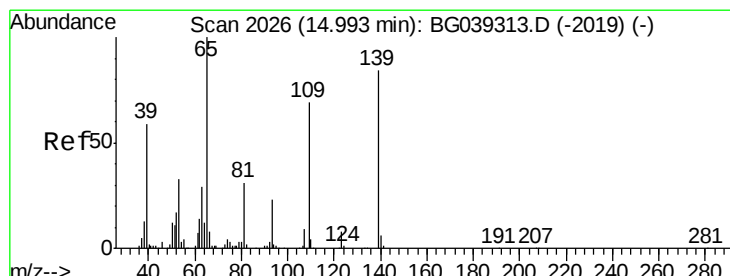
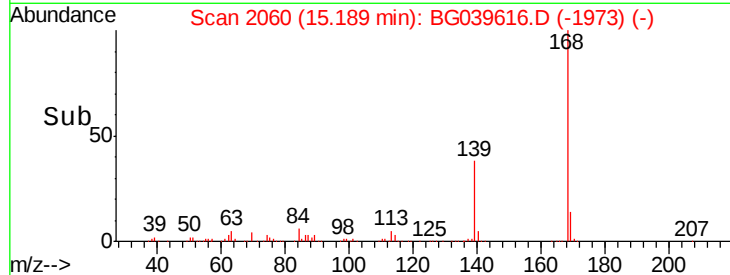
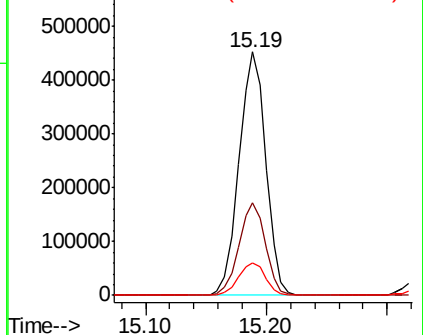


Abundance

Ion 168.00 (167.70 to 168.70): E

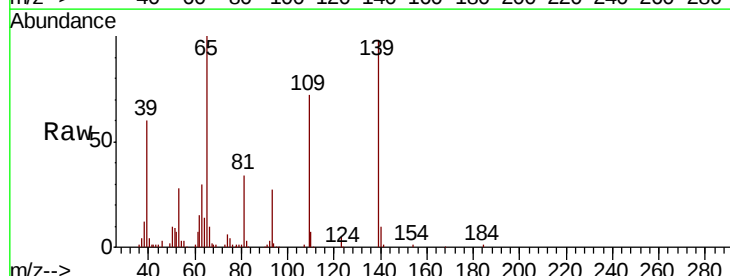
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 43.017 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.2	61.9	101.9
65	102.4	99.1	139.1

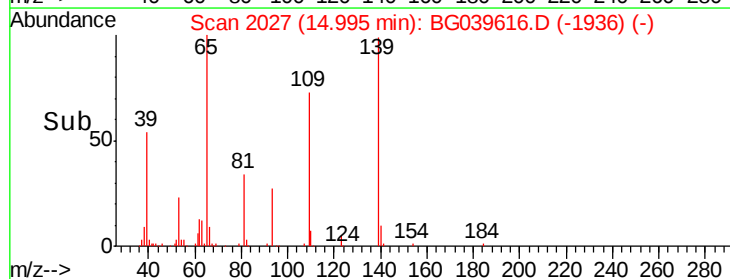
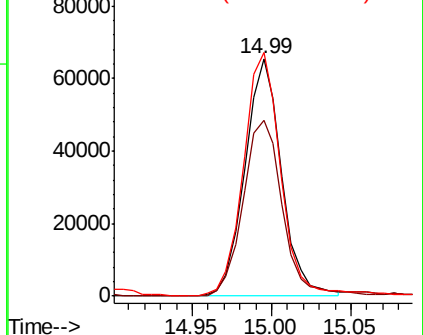


Abundance

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

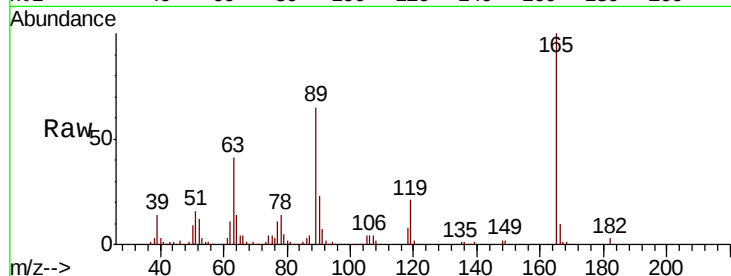




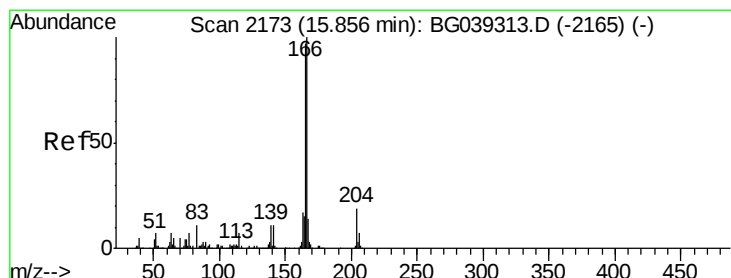
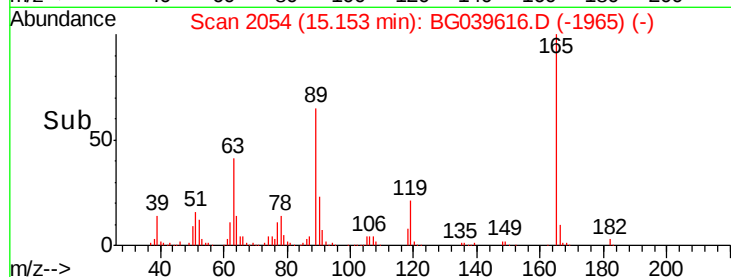
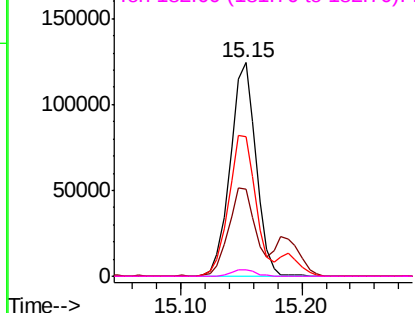
#57
2,4-Dinitrotoluene
Concen: 52.410 ng
RT: 15.15 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	41.0	61.6#
89	65.4	64.6	96.8
182	2.8	2.0	3.0

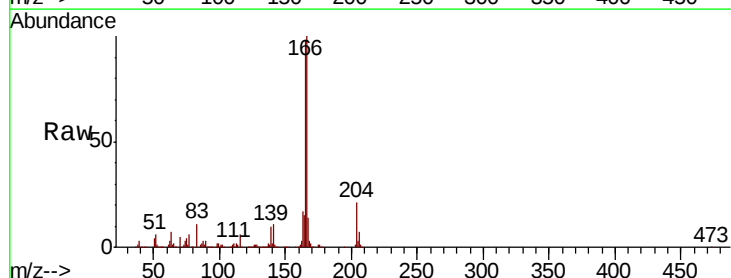


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

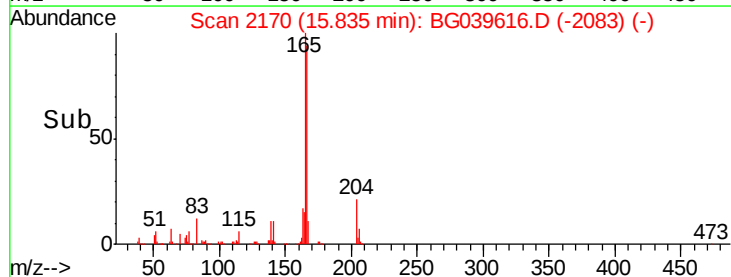
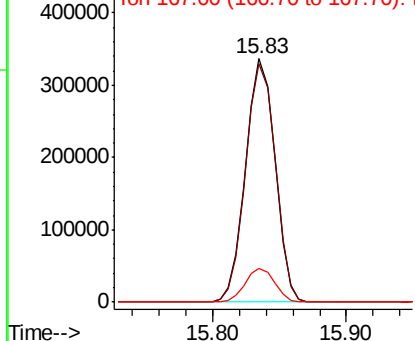


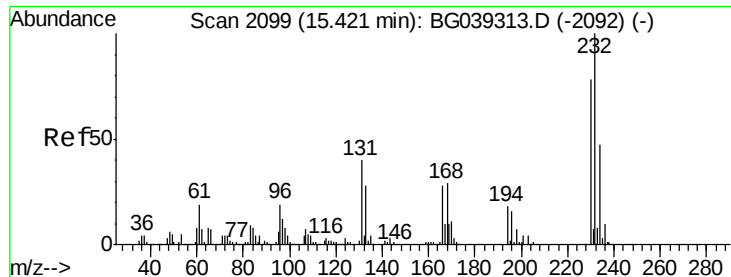
#58
Fluorene
Concen: 39.130 ng
RT: 15.83 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.9	116.9
167	13.7	10.8	16.2



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

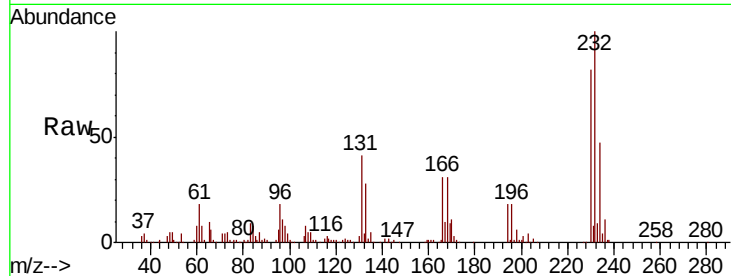




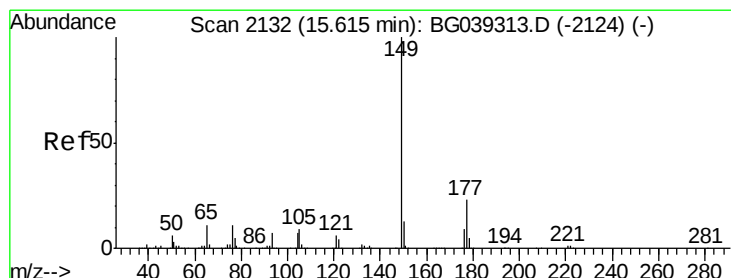
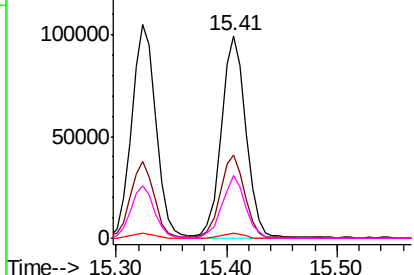
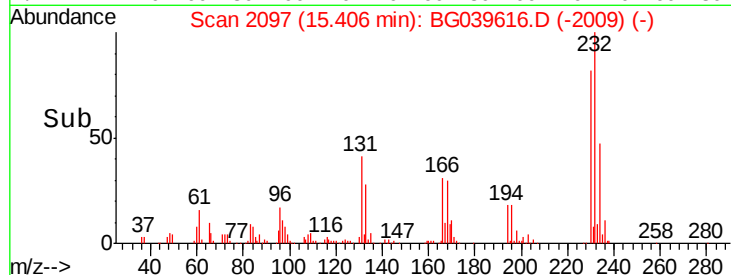
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.324 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BG039616.D
 Acq: 27 Feb 2019 2:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	155838
Ion Ratio	Lower	Upper
232	100	
131	40.8	34.9 52.3
130	2.3	2.0 3.0
166	29.4	24.1 36.1

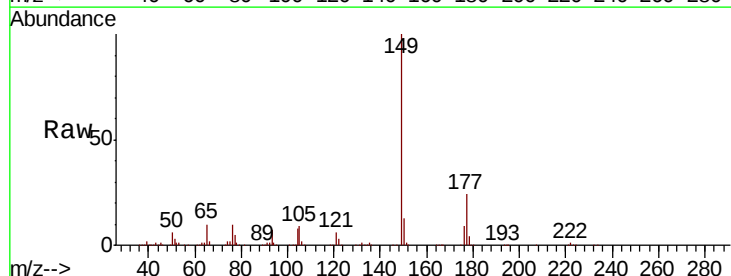


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

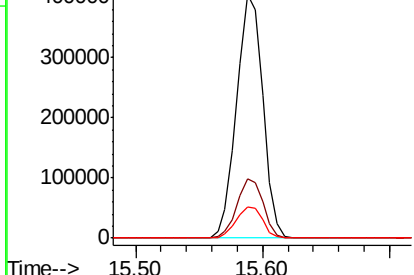
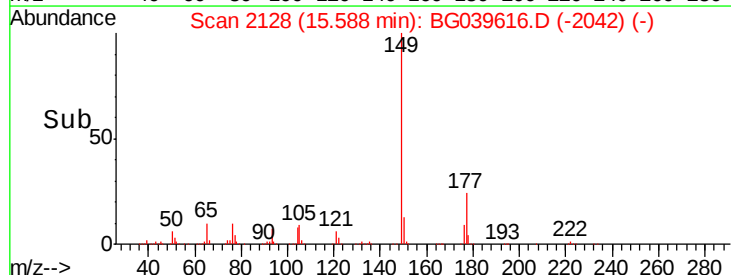


#60
 Diethylphthalate
 Concen: 38.625 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039616.D
 Acq: 27 Feb 2019 2:00

Tgt Ion:149	Resp:	577653
Ion Ratio	Lower	Upper
149	100	
177	24.3	18.3 27.5
150	12.6	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

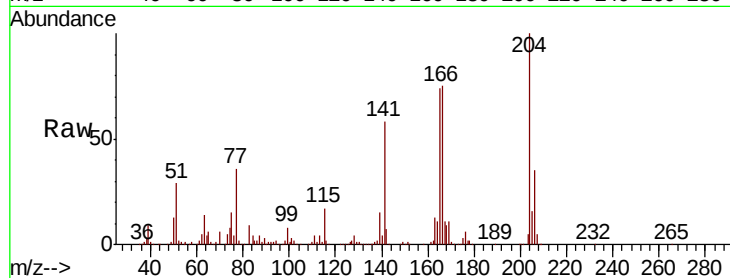




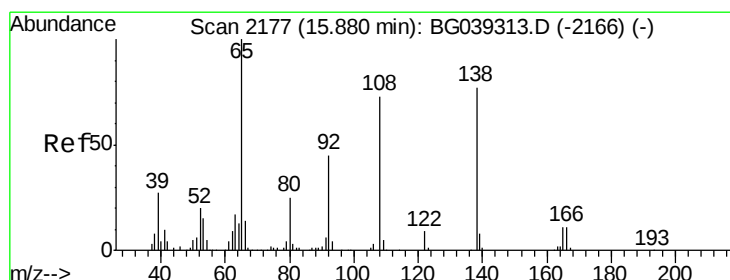
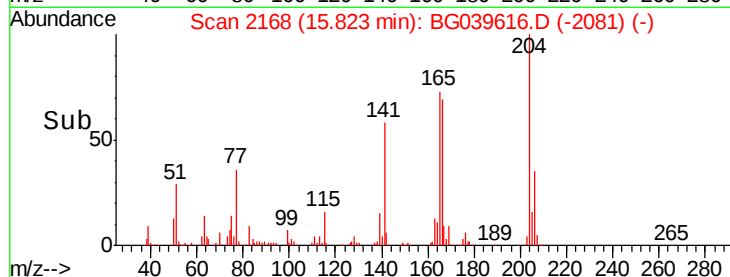
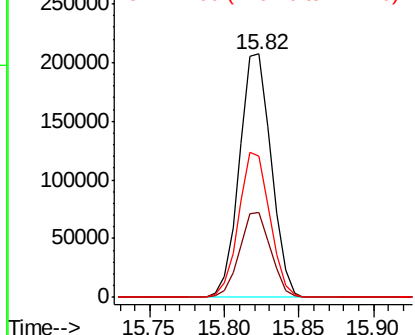
#61
4-Chlorophenyl-phenylether
Concen: 41.275 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 306710
Ion Ratio Lower Upper
204 100
206 35.1 29.2 43.8
141 57.8 49.0 73.4

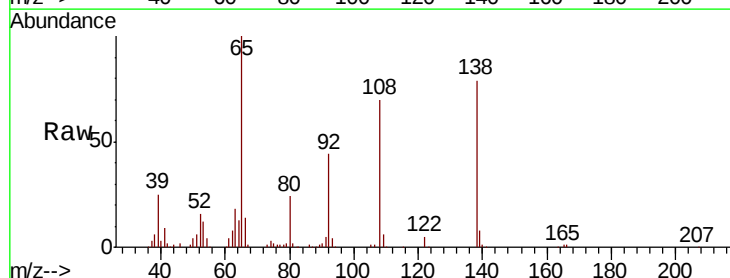


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

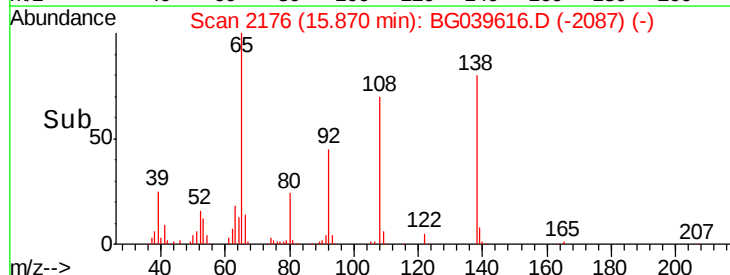
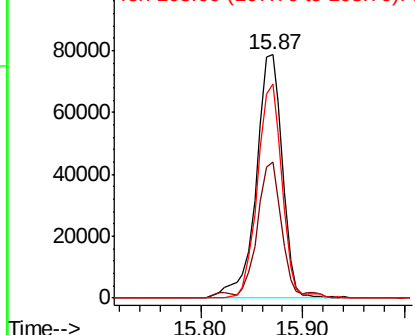


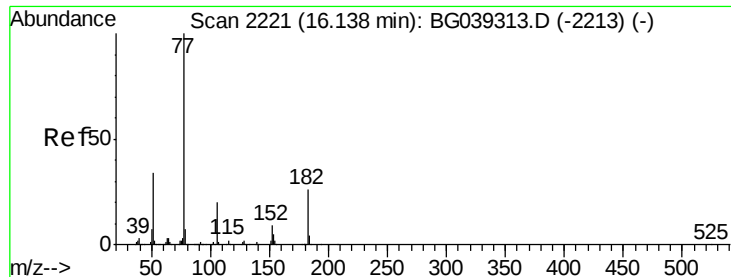
#62
4-Nitroaniline
Concen: 46.586 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion:138 Resp: 140895
Ion Ratio Lower Upper
138 100
92 55.9 38.7 78.7
108 87.8 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: 36.655 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 535803

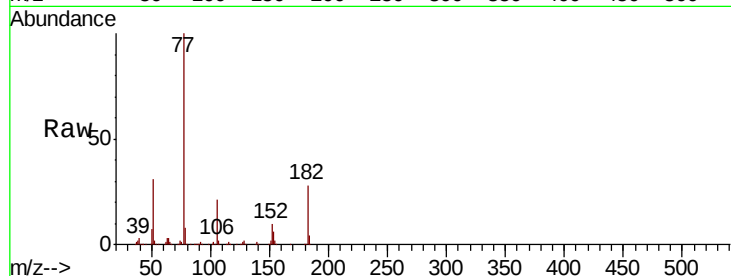
Ion Ratio Lower Upper

77 100

182 28.1 6.4 46.4

105 20.9 0.0 39.8

51 31.2 14.1 54.1

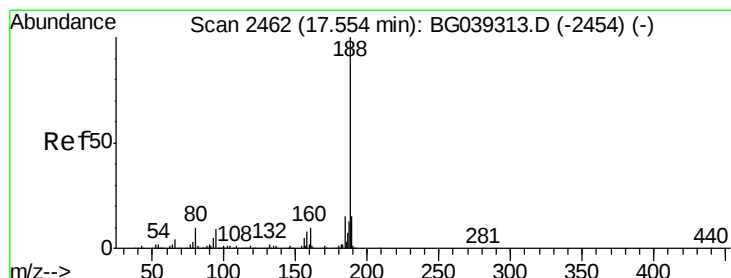
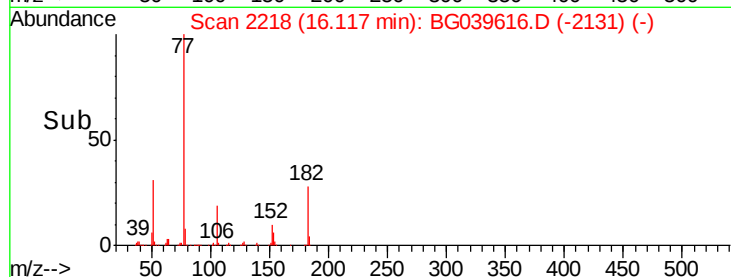
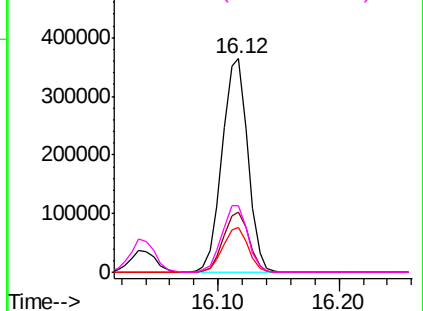


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

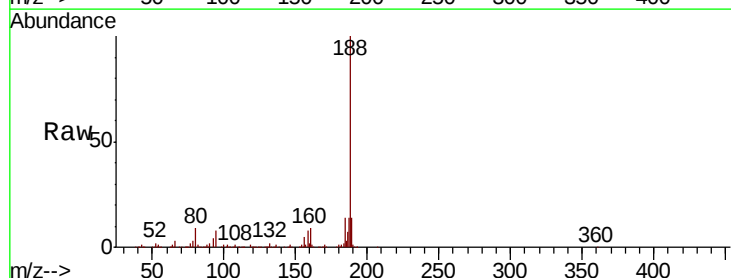
Tgt Ion: 188 Resp: 431968

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

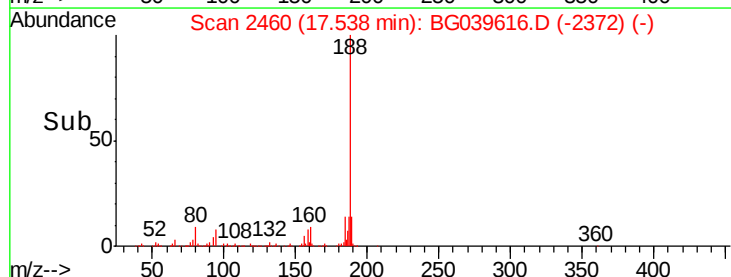
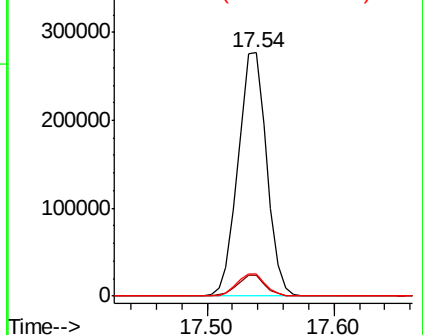
80 8.9 8.1 12.1

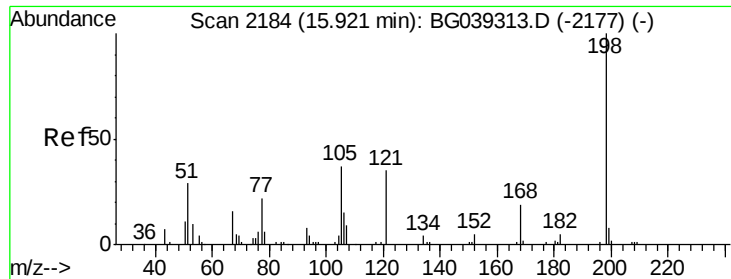


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 56.778 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

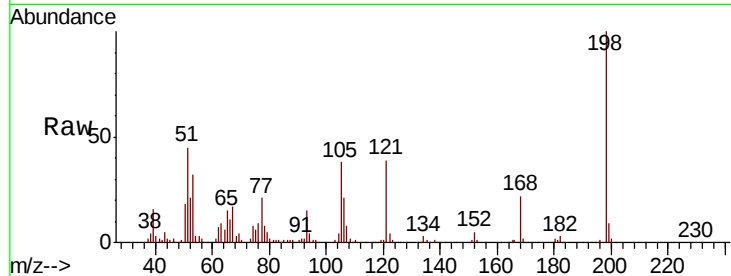
Tot Ion:198 Resp: 103685

Ion Ratio Lower Upper

198 100

51 44.7 27.4 67.4

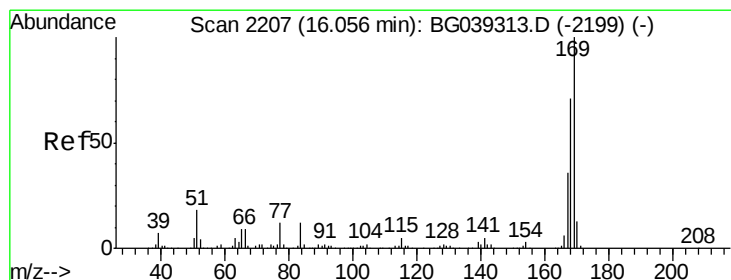
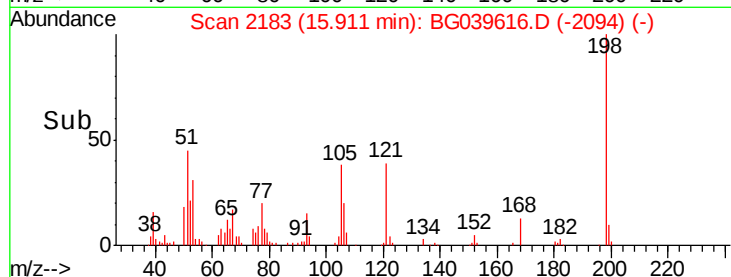
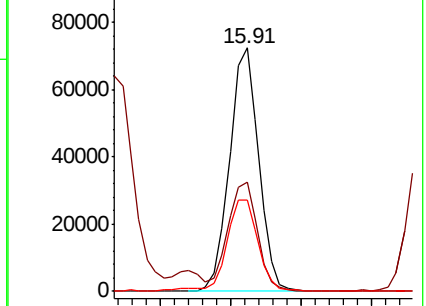
105 37.7 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.842 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

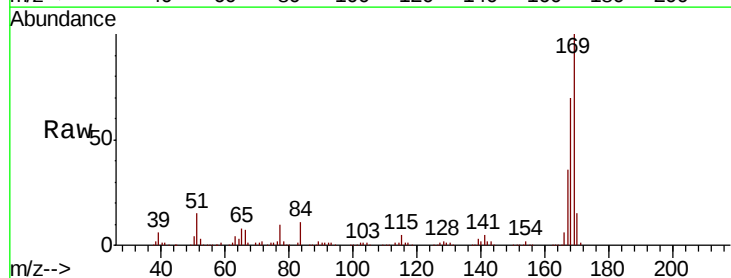
Tgt Ion:169 Resp: 510183

Ion Ratio Lower Upper

169 100

168 69.5 56.6 85.0

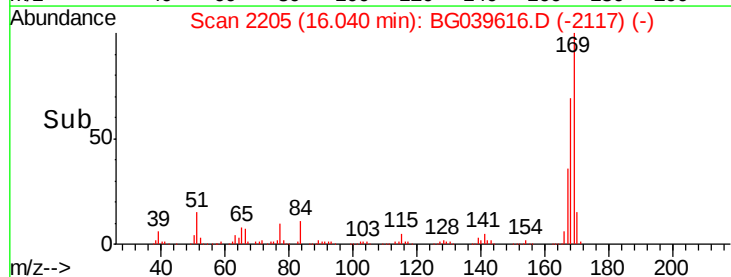
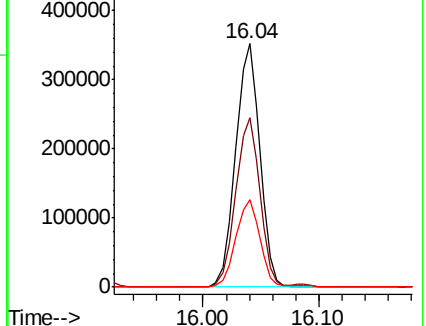
167 36.1 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

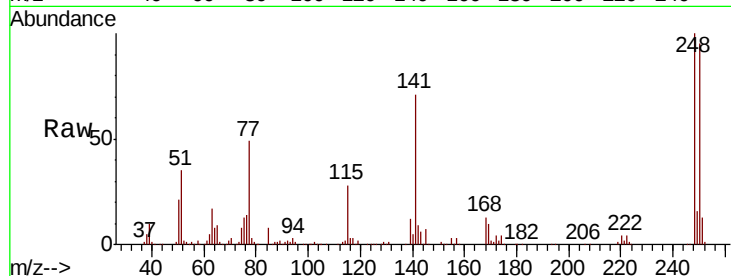




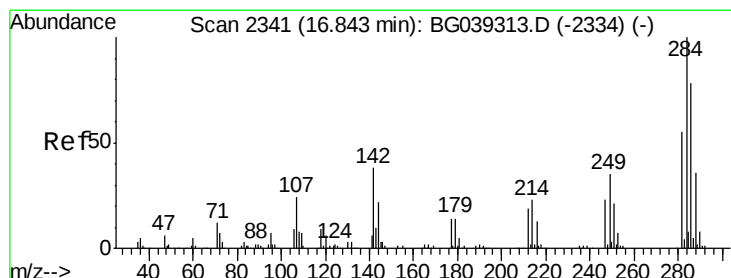
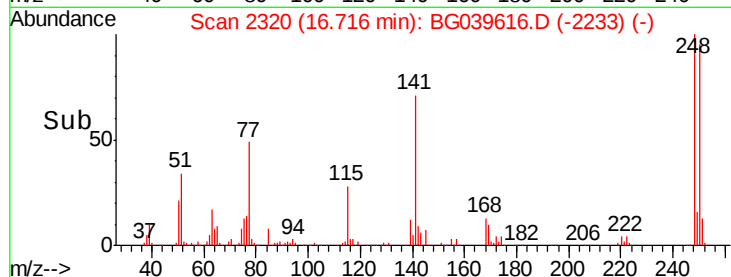
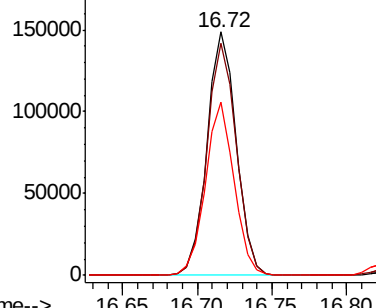
#67
4-Bromophenyl-phenylether
Concen: 42.299 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 202705
Ion Ratio Lower Upper
248 100
250 95.4 77.6 116.4
141 71.0 63.9 95.9

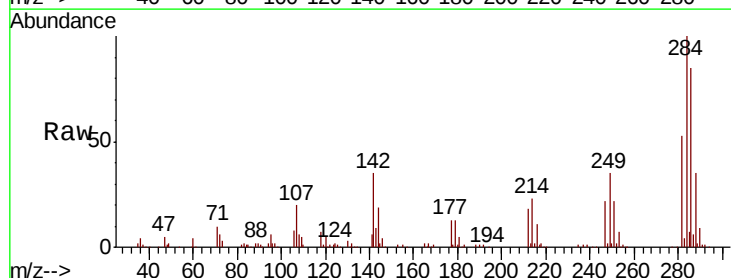


Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

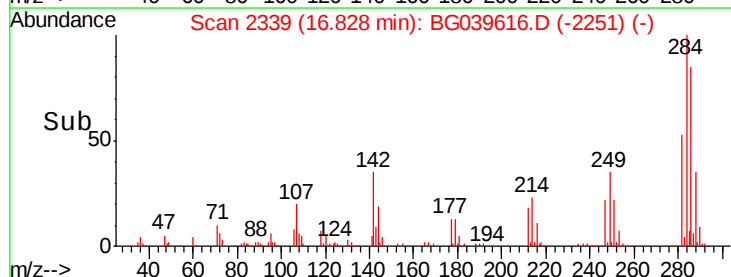
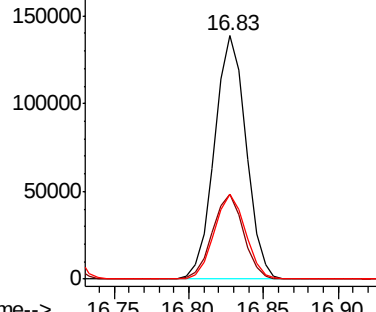


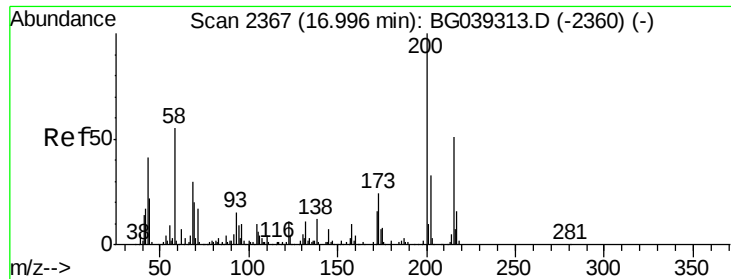
#68
Hexachlorobenzene
Concen: 42.150 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.02 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion:284 Resp: 202660
Ion Ratio Lower Upper
284 100
142 35.0 30.6 45.8
249 35.1 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
150000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 32.581 ng

RT: 16.97 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

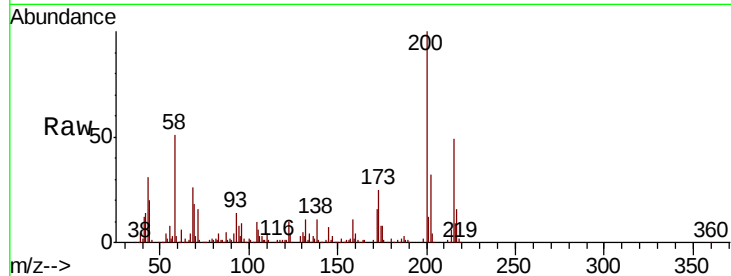
Tot Ion:200 Resp: 156385

Ion Ratio Lower Upper

200 100

173 24.9 3.9 43.9

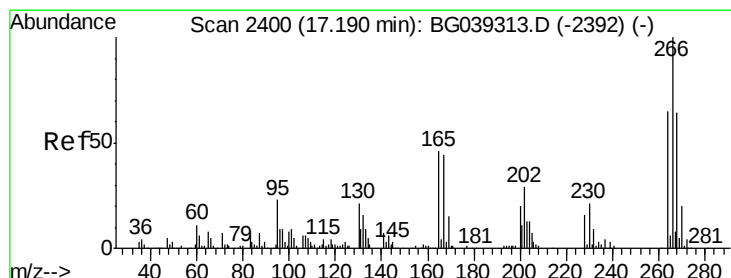
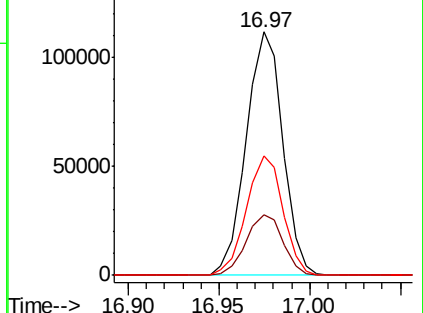
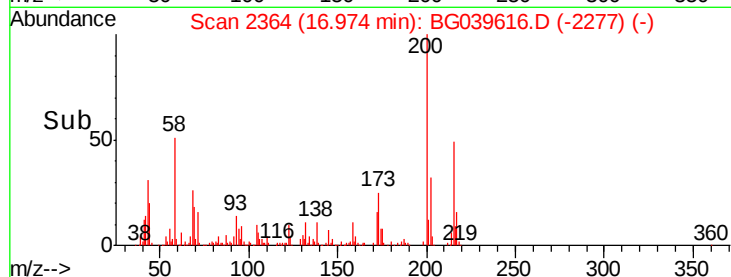
215 48.9 30.9 70.9



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: 40.432 ng

RT: 17.17 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

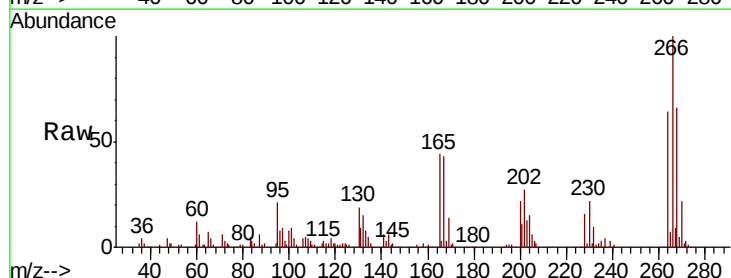
Tgt Ion:266 Resp: 135110

Ion Ratio Lower Upper

266 100

268 65.6 51.1 76.7

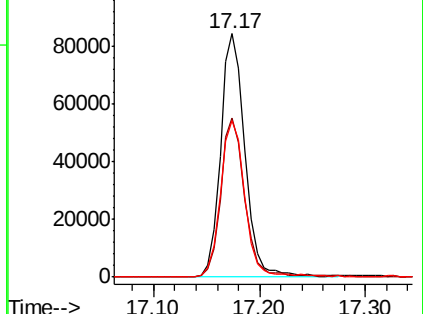
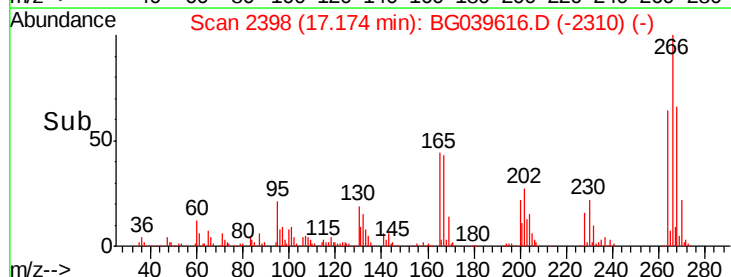
264 64.4 52.1 78.1

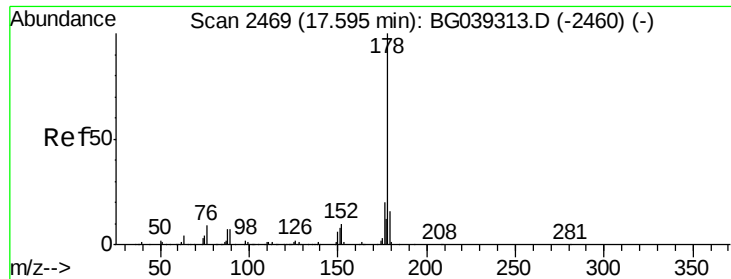


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.604 ng

RT: 17.58 min Scan# 2467

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

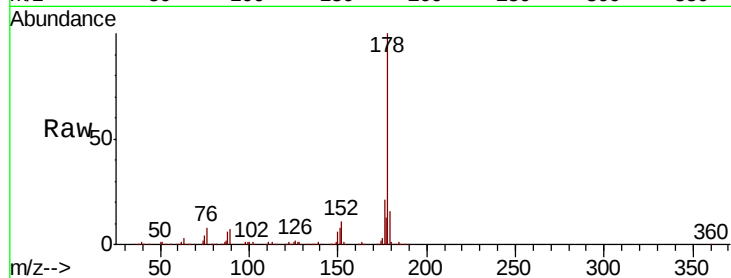
Tot Ion:178 Resp: 863085

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

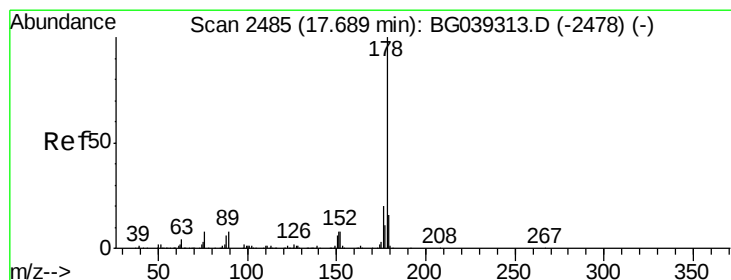
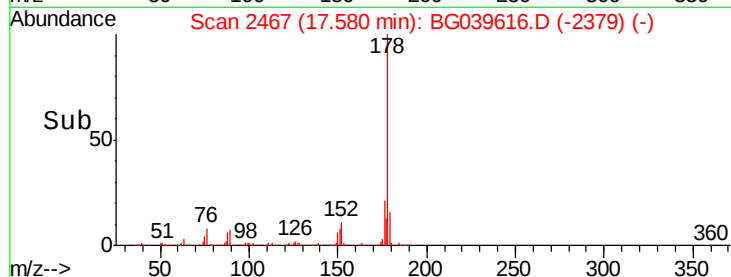
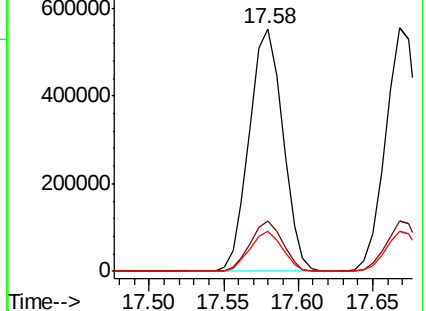
179 16.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.756 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

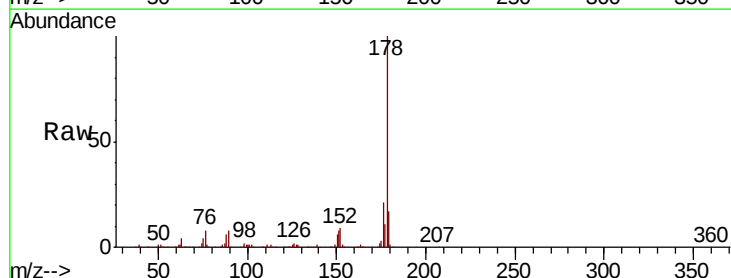
Tgt Ion:178 Resp: 853492

Ion Ratio Lower Upper

178 100

176 20.9 15.8 23.6

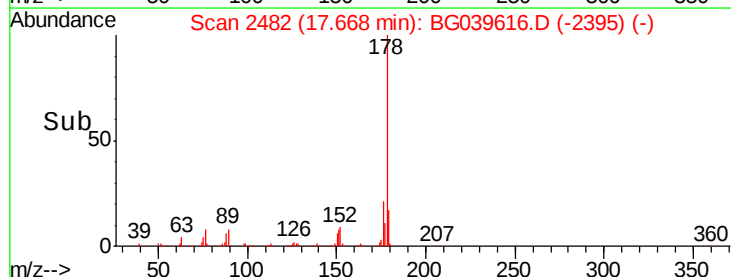
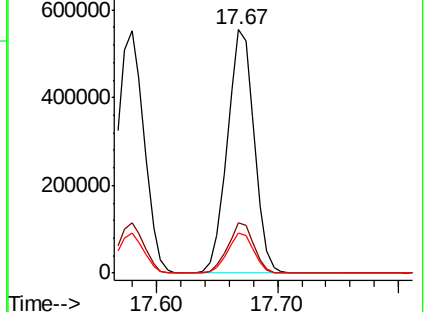
179 16.6 12.5 18.7

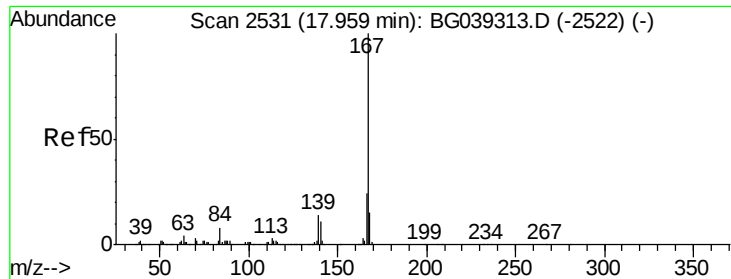


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

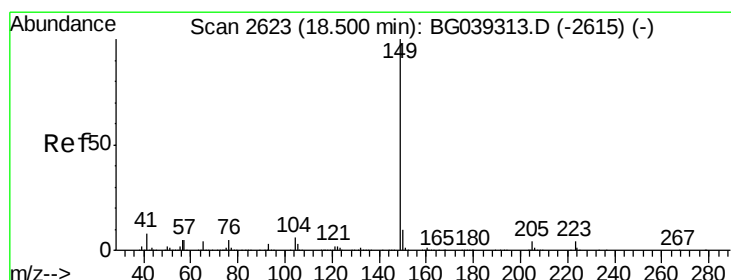
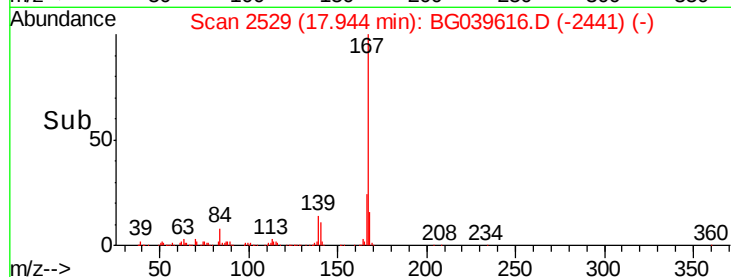
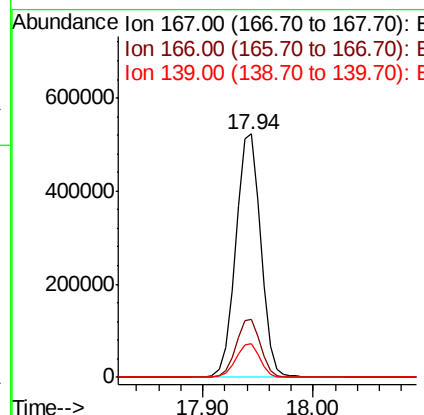
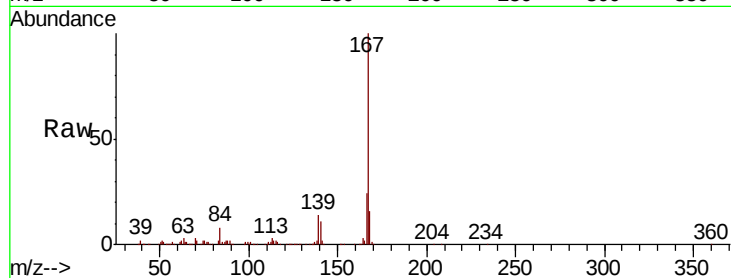




#73
 Carbazole
 Concen: 37.811 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.02 min
 Lab File: BG039616.D
 Acq: 27 Feb 2019 2:00

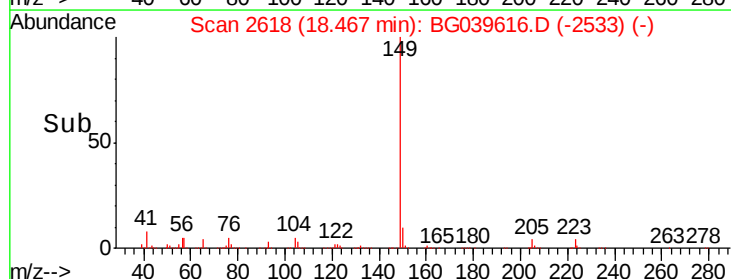
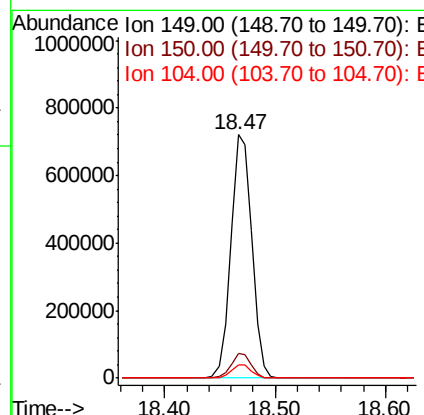
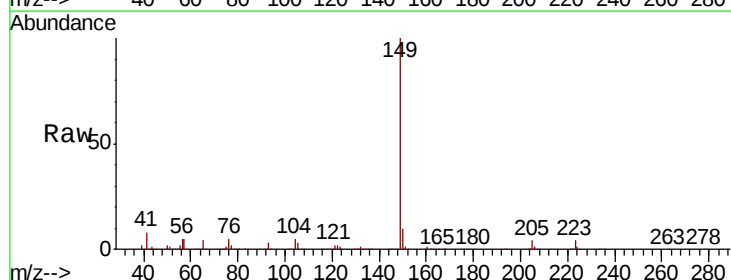
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

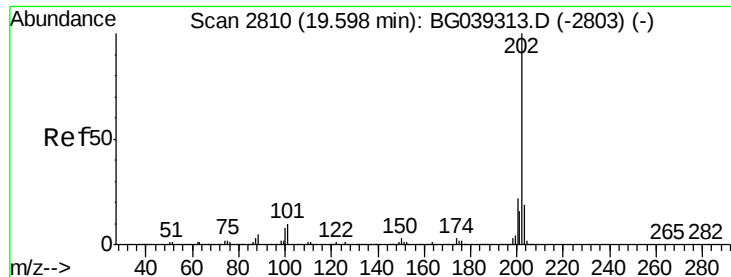
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.4	29.2
139	14.0	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 37.496 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039616.D
 Acq: 27 Feb 2019 2:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 38.593 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

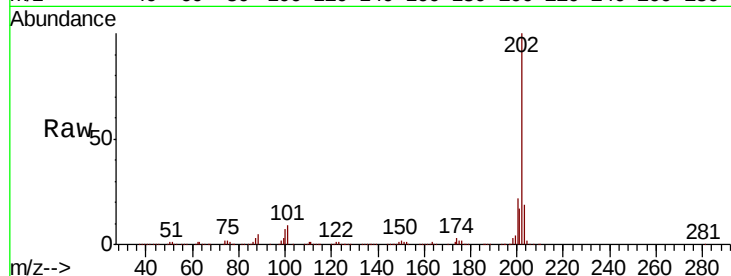
Tot Ion:202 Resp: 1001480

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

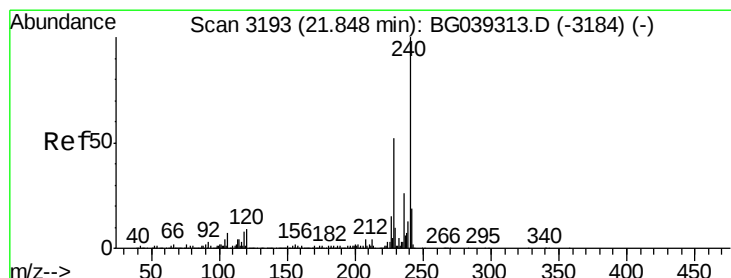
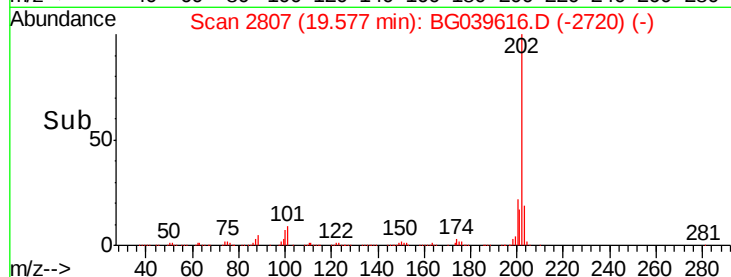
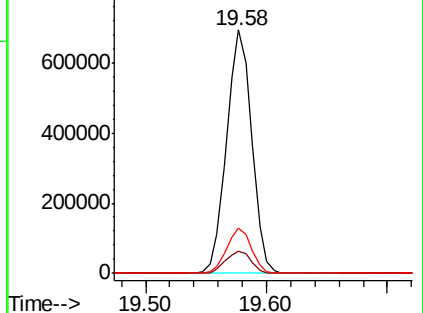
203 18.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

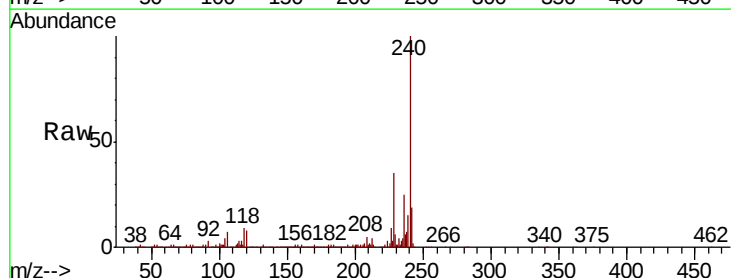
Tgt Ion:240 Resp: 419350

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

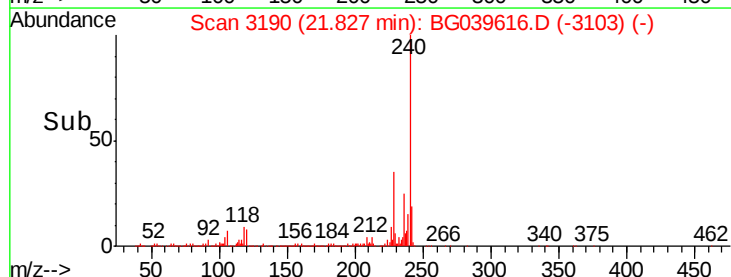
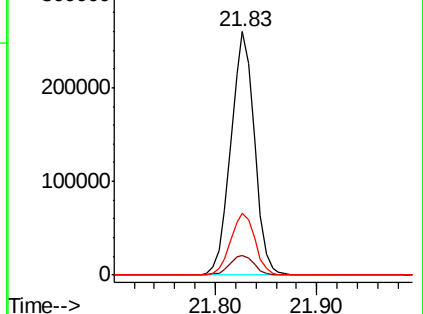
236 25.5 21.0 31.4

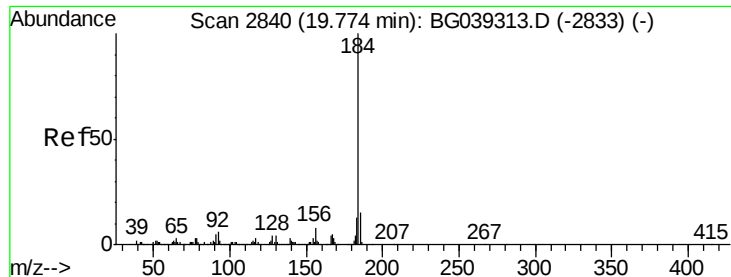


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.154 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

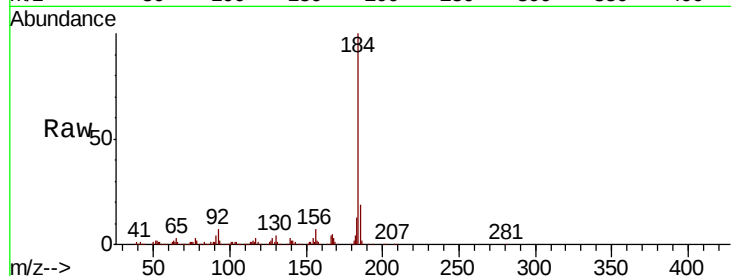
Tot Ion:184 Resp: 442076

Ion Ratio Lower Upper

184 100

185 19.4 12.2 18.2#

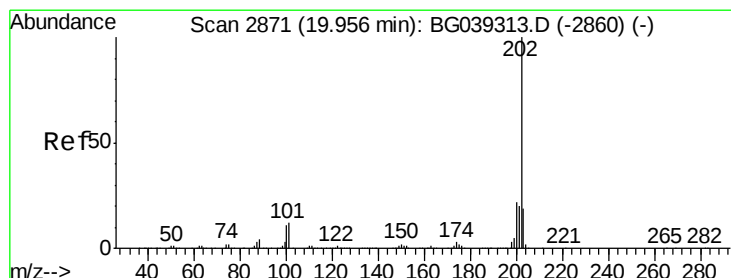
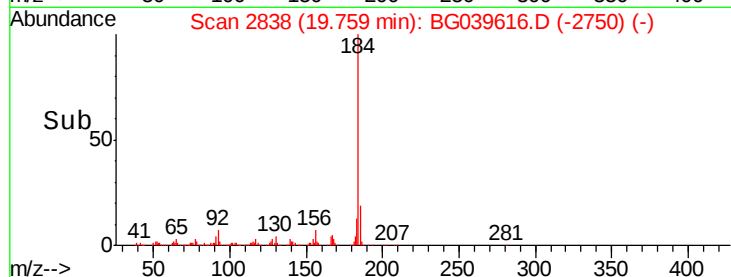
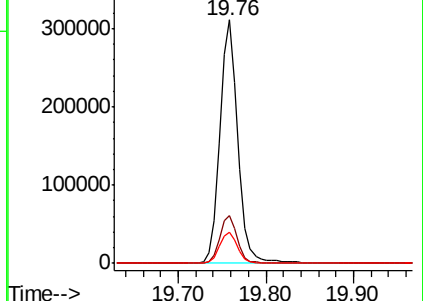
183 13.0 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.977 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

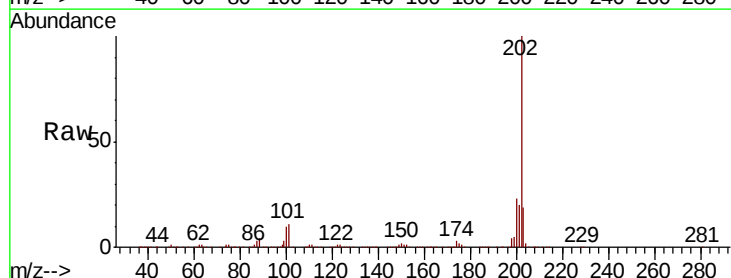
Tgt Ion:202 Resp: 1017533

Ion Ratio Lower Upper

202 100

200 22.9 17.8 26.8

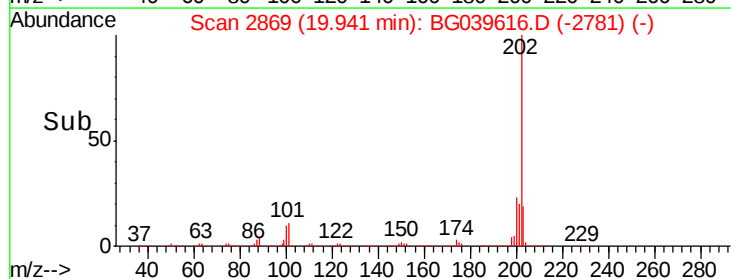
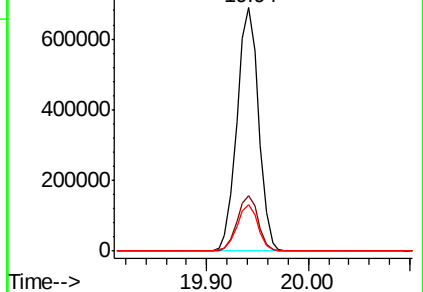
203 18.9 15.3 22.9

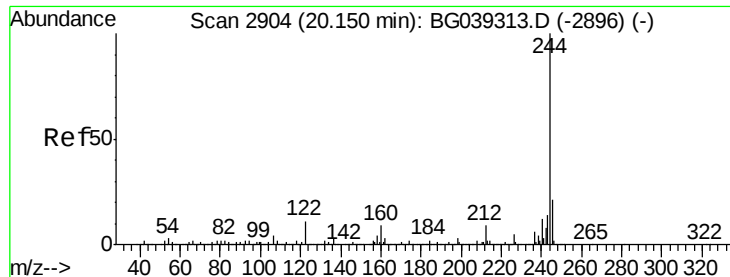


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.431 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

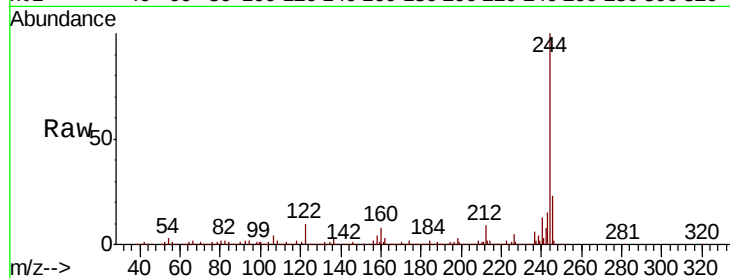
Tot Ion:244 Resp: 1494401

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

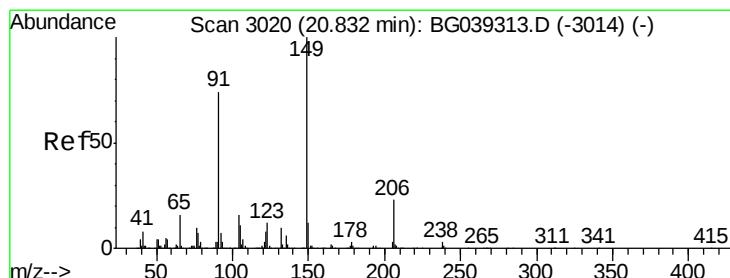
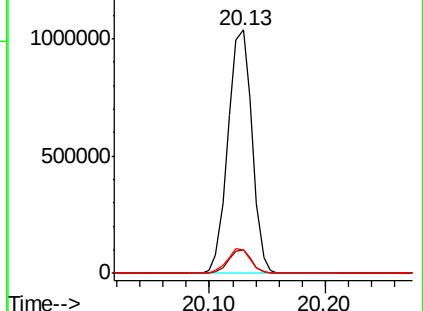
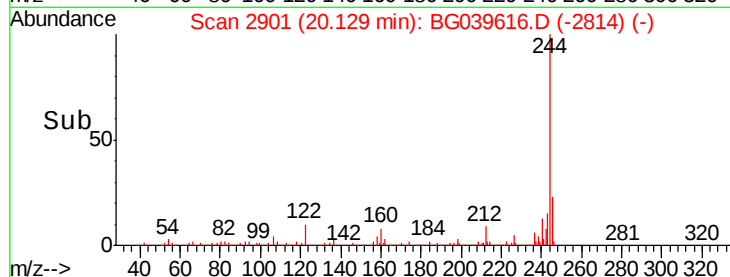
122 9.7 8.4 12.6



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: 40.013 ng

RT: 20.80 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

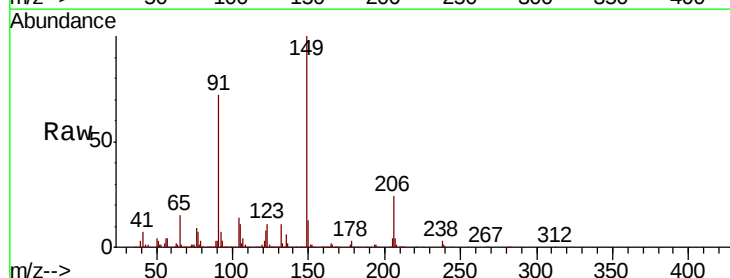
Tgt Ion:149 Resp: 440636

Ion Ratio Lower Upper

149 100

91 71.9 59.5 89.3

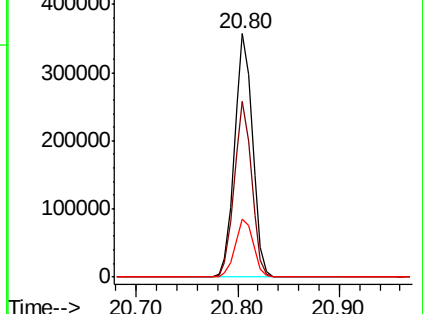
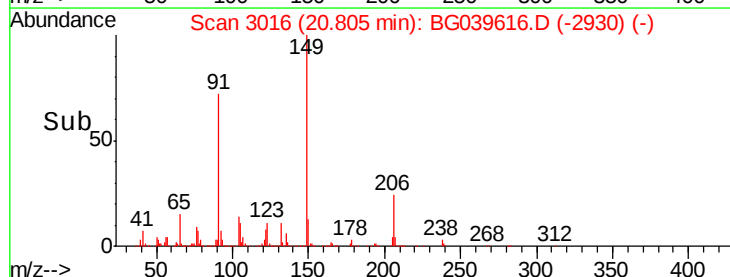
206 24.0 18.6 27.8

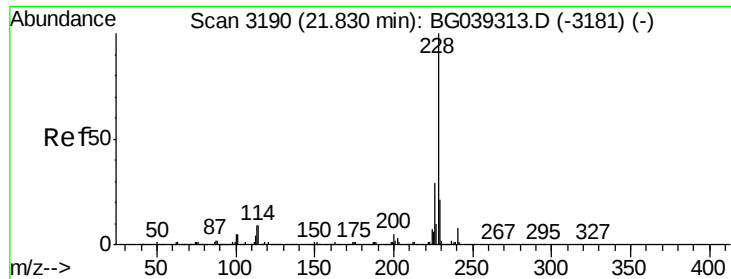


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.673 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

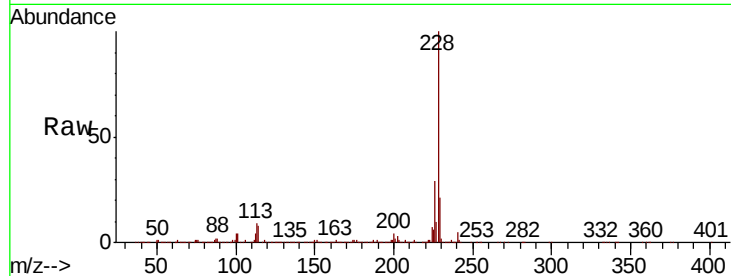
Tot Ion:228 Resp: 983074

Ion Ratio Lower Upper

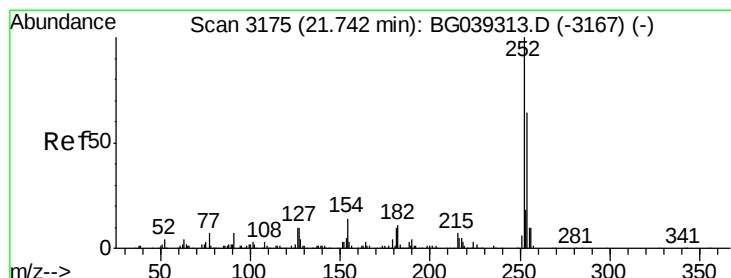
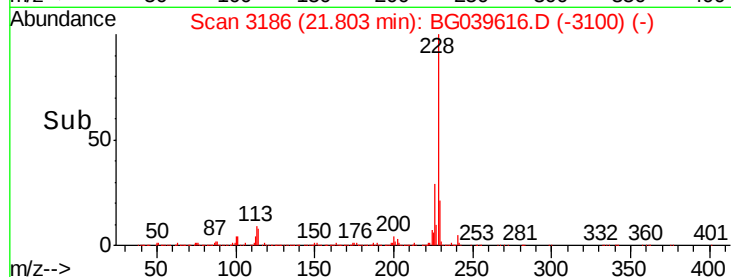
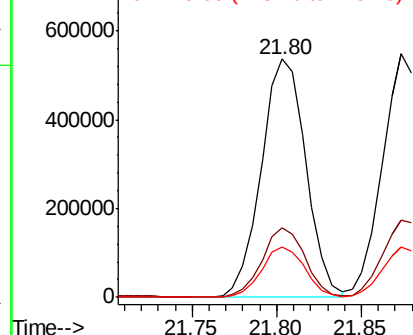
228 100

226 29.0 23.0 34.6

229 21.2 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.461 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.03 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

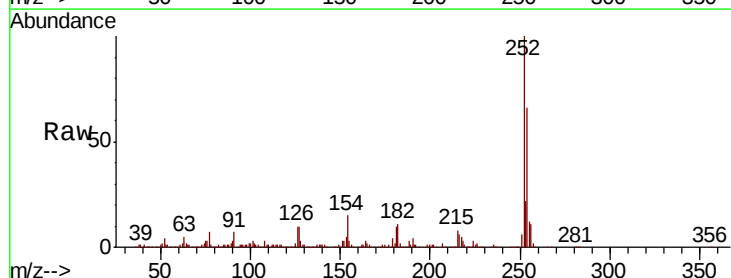
Tgt Ion:252 Resp: 362566

Ion Ratio Lower Upper

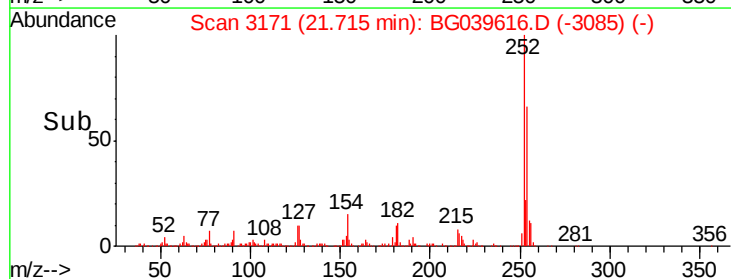
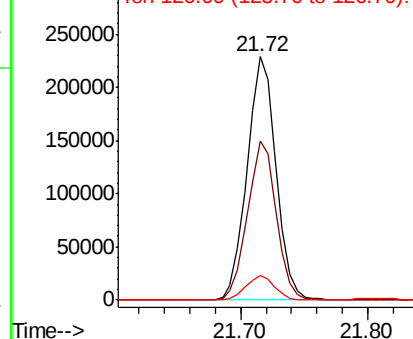
252 100

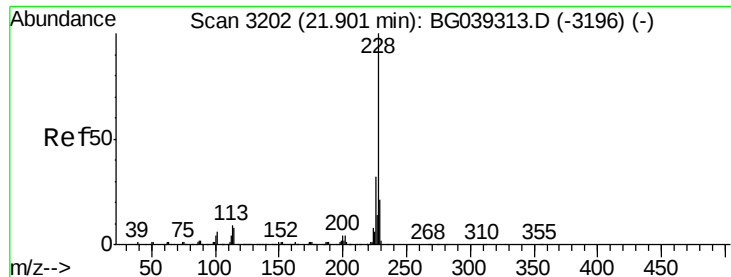
254 65.5 51.3 76.9

126 9.9 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.300 ng

RT: 21.87 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

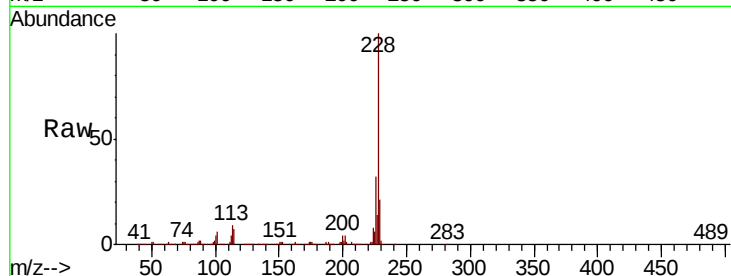
Tot Ion:228 Resp: 927023

Ion Ratio Lower Upper

228 100

226 31.5 25.8 38.6

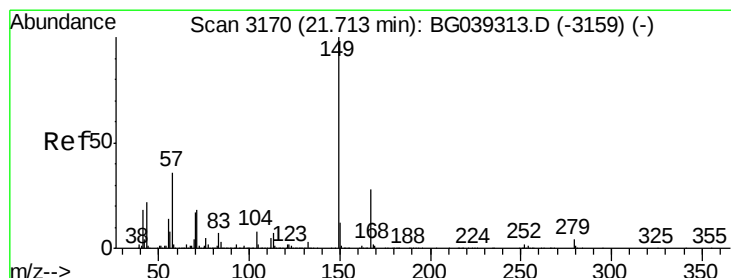
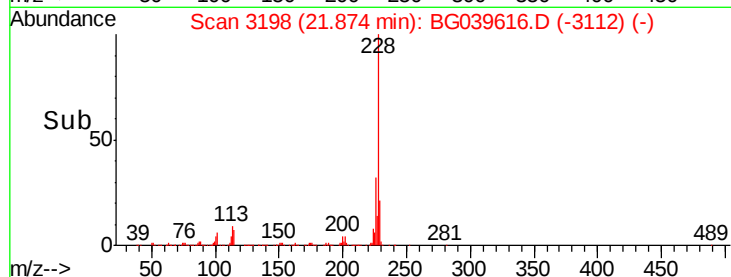
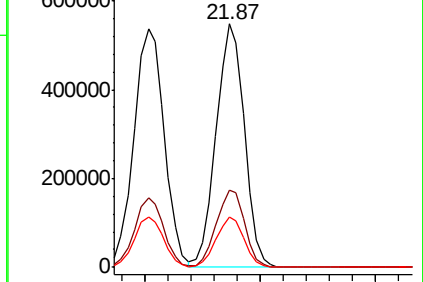
229 20.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.385 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

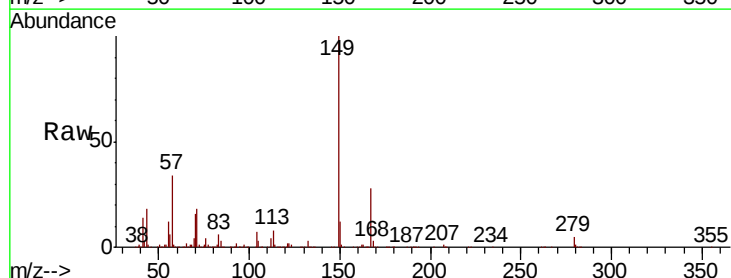
Tgt Ion:149 Resp: 618772

Ion Ratio Lower Upper

149 100

167 28.4 22.6 34.0

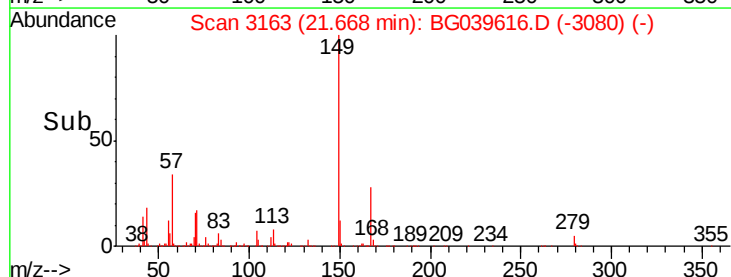
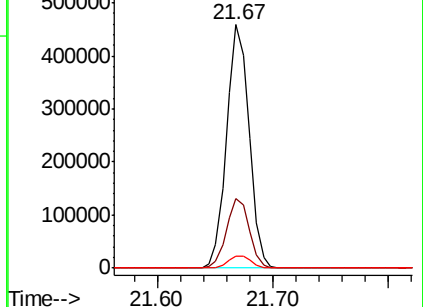
279 4.8 3.5 5.3

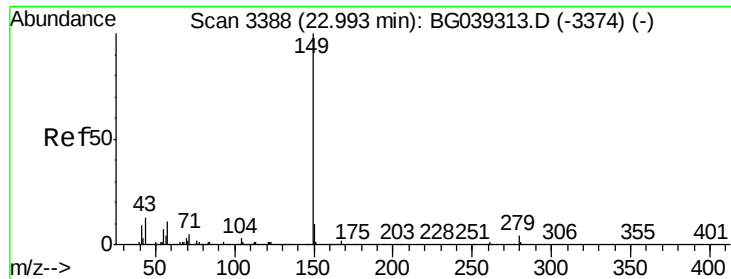


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.556 ng

RT: 22.93 min Scan# 3378

Delta R.T. -0.06 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

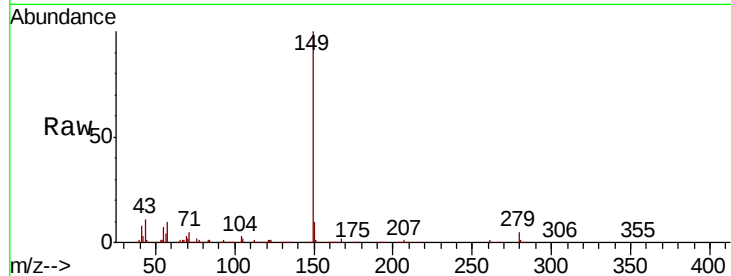
Tot Ion:149 Resp: 1026694

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

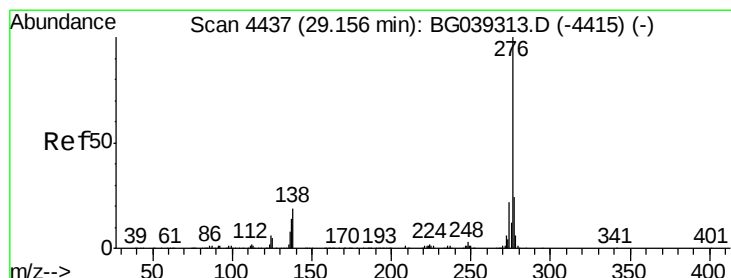
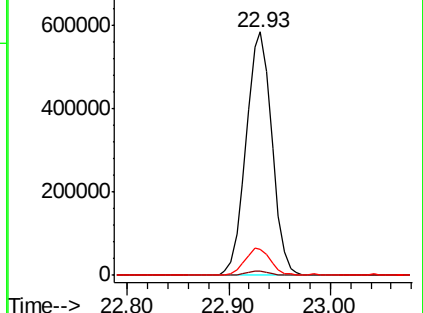
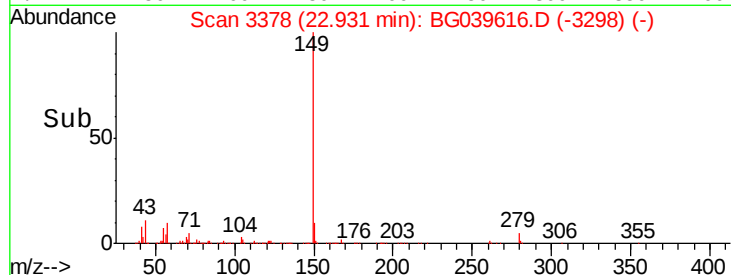
43 11.1 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.469 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

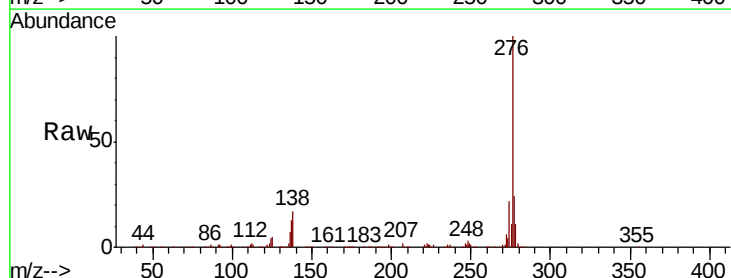
Tgt Ion:276 Resp: 1074808

Ion Ratio Lower Upper

276 100

138 13.9 12.6 19.0

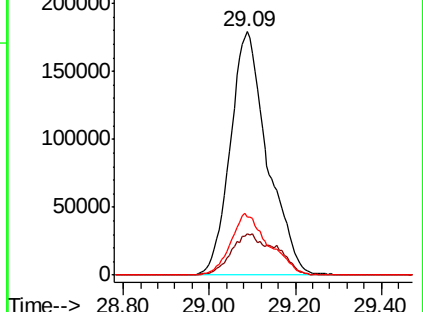
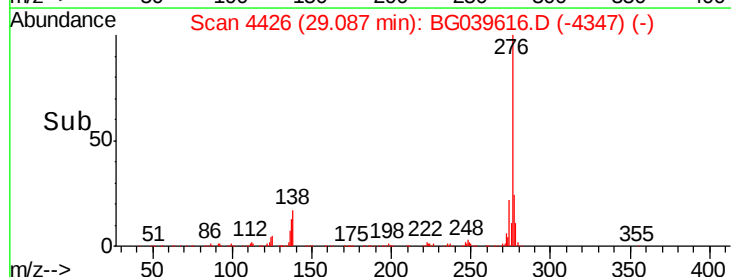
277 25.8 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



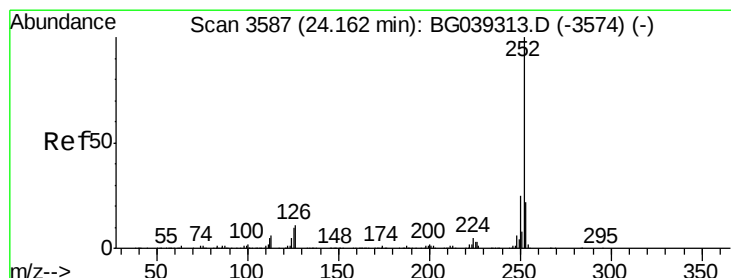
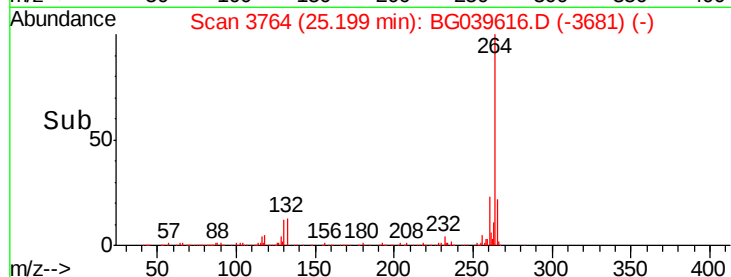
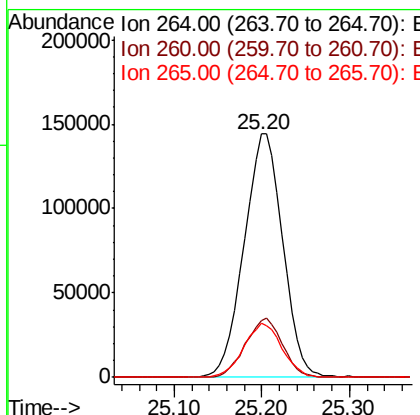
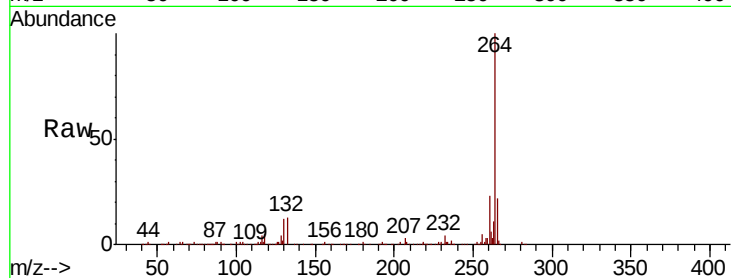


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 433883

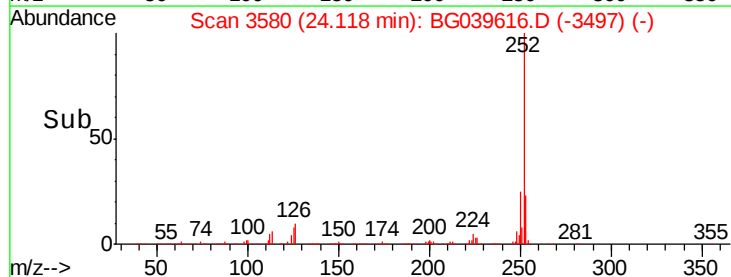
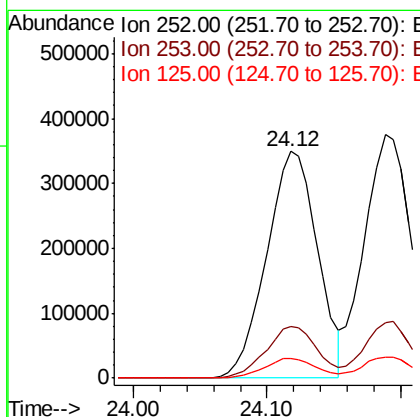
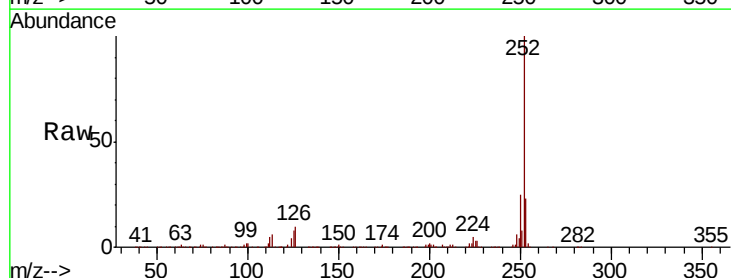
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.1	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 39.126 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039616.D
Acq: 27 Feb 2019 2:00

Tgt Ion:252 Resp: 925806

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	8.5	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 38.631 ng

RT: 24.19 min Scan# 3592

Delta R.T. -0.04 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

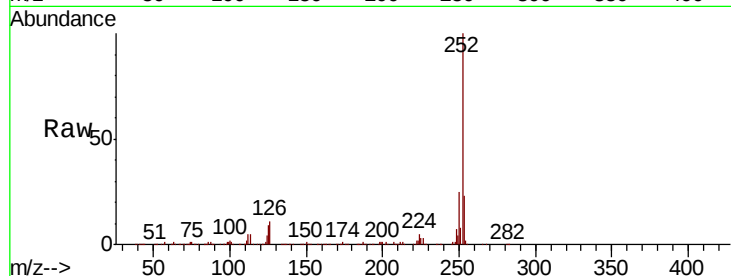
Tot Ion:252 Resp: 917724

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

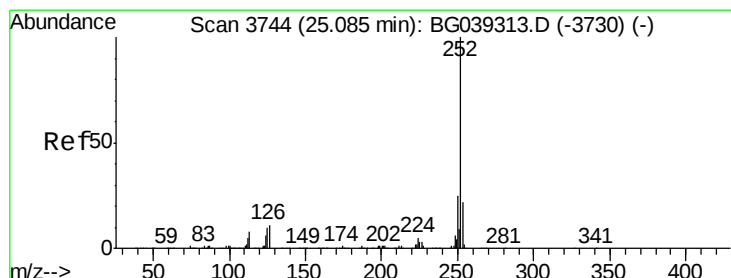
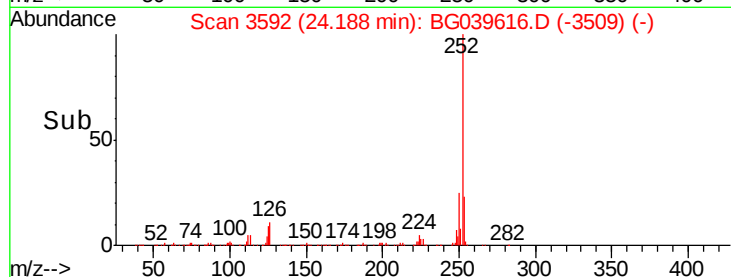
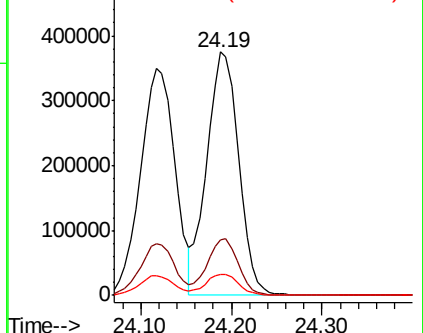
125 8.6 7.4 11.2



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: 39.905 ng

RT: 25.04 min Scan# 3737

Delta R.T. -0.04 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

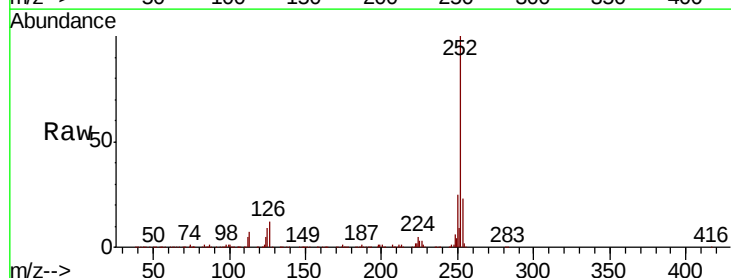
Tgt Ion:252 Resp: 909367

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

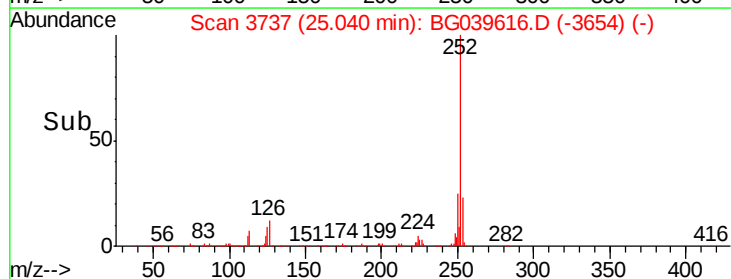
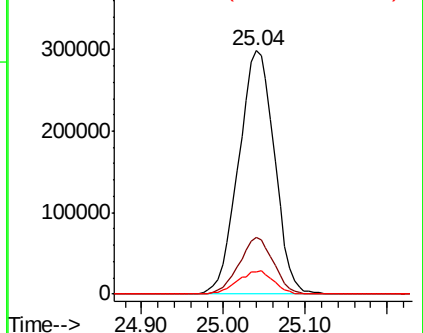
125 9.2 8.3 12.5

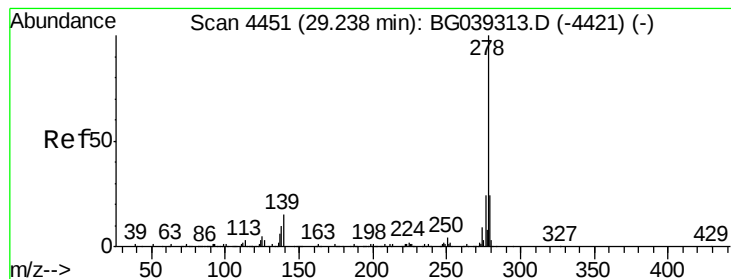


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.013 ng

RT: 29.16 min Scan# 4438

Delta R.T. -0.08 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

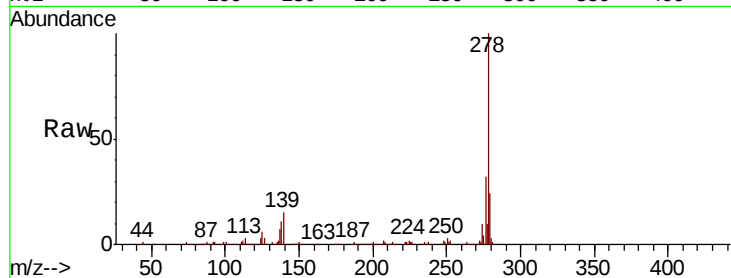
Tot Ion:278 Resp: 875257

Ion Ratio Lower Upper

278 100

139 14.7 11.7 17.5

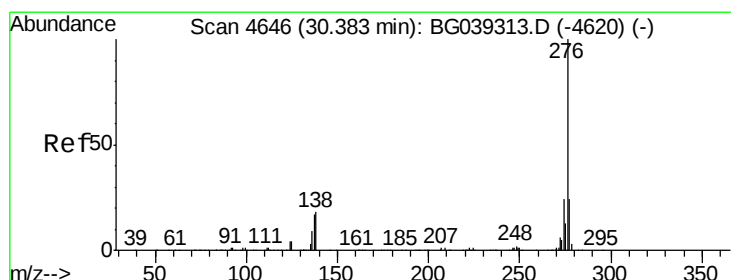
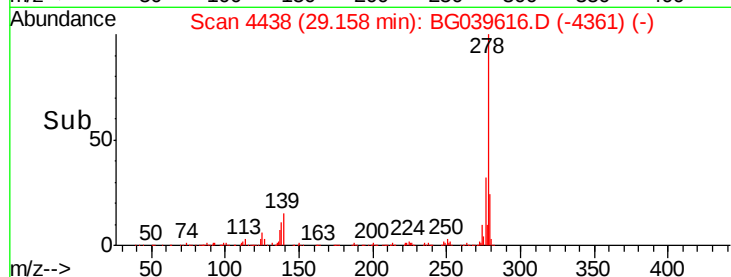
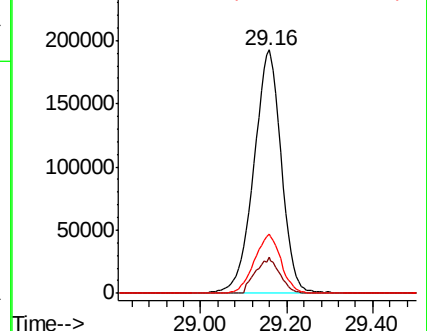
279 24.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.189 ng

RT: 30.32 min Scan# 4635

Delta R.T. -0.07 min

Lab File: BG039616.D

Acq: 27 Feb 2019 2:00

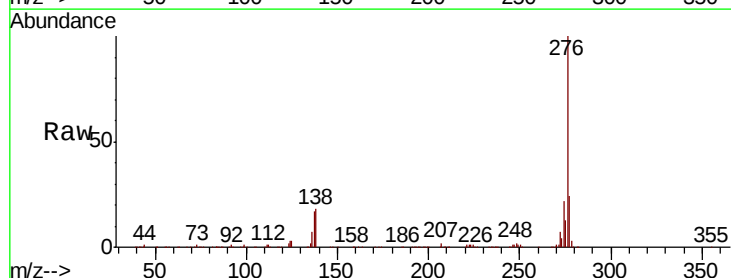
Tgt Ion:276 Resp: 876146

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 17.6 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

