

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039680.D
 Acq On : 1 Mar 2019 4:54
 Operator : JU/SJ
 Sample : K1340-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MSD

Quant Time: Mar 01 07:08:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59775	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	248257	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	164039	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	381054	20.00	ng	0.00
76) Chrysene-d12	21.83	240	384537	20.00	ng	0.00
87) Perylene-d12	25.20	264	400160	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	532671	152.52	ng	0.00
7) Phenol-d6	7.31	99	693207	134.84	ng	0.00
23) Nitrobenzene-d5	9.35	82	500049	125.83	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	312134	176.70	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1110174	97.09	ng	0.00
79) Terphenyl-d14	20.13	244	1699395	93.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	56814	37.189	ng	# 18
3) Pyridine	4.02	79	83941	20.753	ng	98
4) n-Nitrosodimethylamine	3.93	42	85465	42.250	ng	85
6) Aniline	7.50	93	83486	12.965	ng	97
8) 2-Chlorophenol	7.72	128	196921	51.582	ng	97
9) Benzaldehyde	7.31	77	127901	55.669	ng	98
10) Phenol	7.34	94	224470	41.887	ng	98
11) bis(2-Chloroethyl)ether	7.58	93	192042	45.351	ng	98
12) 1,3-Dichlorobenzene	8.05	146	208370	45.055	ng	95
13) 1,4-Dichlorobenzene	8.20	146	212419	46.082	ng	99
14) 1,2-Dichlorobenzene	8.52	146	203673	45.641	ng	99
15) Benzyl Alcohol	8.41	79	185776	46.029	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	373755	39.084	ng	99
17) 2-Methylphenol	8.60	107	168073	48.465	ng	97
18) Hexachloroethane	9.25	117	75342	47.507	ng	99
19) n-Nitroso-di-n-propylamine	8.97	70	160324	43.939	ng	93
20) 3+4-Methylphenols	8.93	107	232778	48.743	ng	99
22) Acetophenone	8.99	105	304804	45.707	ng	94
24) Nitrobenzene	9.39	77	234071	54.522	ng	96
25) Isophorone	9.90	82	458129	52.024	ng	98
26) 2-Nitrophenol	10.09	139	119307	64.015	ng	98
27) 2,4-Dimethylphenol	10.14	122	201541	56.576	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	274057	50.526	ng	98
29) 2,4-Dichlorophenol	10.63	162	216260	55.546	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	220182	50.372	ng	98
31) Naphthalene	11.04	128	624899	50.739	ng	98
32) Benzoic acid	10.23	122	26567	18.270	ng	96
33) 4-Chloroaniline	11.15	127	18375	3.218	ng	95
34) Hexachlorobutadiene	11.30	225	141114	48.544	ng	94
35) Caprolactam	11.94	113	48458	30.078	ng	93
36) 4-Chloro-3-methylphenol	12.25	107	228408	50.727	ng	99
37) 2-Methylnaphthalene	12.63	142	464429	50.914	ng	97
38) 1-Methylnaphthalene	12.85	142	448217	50.974	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	257371	49.312	ng	99

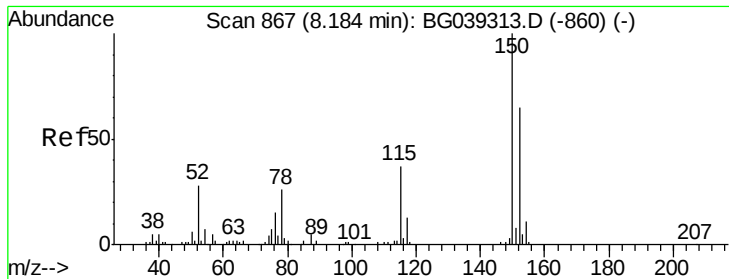
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	309282	108.747	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	181170	56.456	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	192094	57.114	nq	97
46) 1,1'-Biphenyl	13.63	154	620087	45.433	nq	99
47) 2-Chloronaphthalene	13.68	162	486163	47.350	nq	99
48) 2-Nitroaniline	13.88	65	172824	56.764	nq	94
49) Acenaphthylene	14.52	152	771925	49.825	nq	98
50) Dimethylphthalate	14.24	163	632504	47.742	nq	100
51) 2,6-Dinitrotoluene	14.37	165	146826	57.754	nq	98
52) Acenaphthene	14.86	154	464518	46.190	nq	98
53) 3-Nitroaniline	14.70	138	51850	22.858	nq	# 94
54) 2,4-Dinitrophenol	14.90	184	32516	39.744	nq	97
55) Dibenzofuran	15.19	168	763831	47.372	nq	97
56) 4-Nitrophenol	15.00	139	180048	75.513	nq	89
57) 2,4-Dinitrotoluene	15.15	165	206335	62.275	nq	88
58) Fluorene	15.83	166	600596	49.967	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	187845	59.649	nq	97
60) Diethylphthalate	15.59	149	629044	45.923	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	324087	47.618	nq	96
62) 4-Nitroaniline	15.87	138	148553	52.992	nq	93
63) Azobenzene	16.11	77	569403	42.530	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	44655	34.063	nq	93
66) n-Nitrosodiphenylamine	16.04	169	550493	47.511	nq	98
67) 4-Bromophenyl-phenylether	16.71	248	209512	49.561	nq	96
68) Hexachlorobenzene	16.82	284	216019	50.932	nq	96
69) Atrazine	16.98	200	203290	48.011	nq	98
70) Pentachlorophenol	17.18	266	164086	55.664	nq	97
71) Phenanthrene	17.58	178	991013	50.249	nq	97
72) Anthracene	17.67	178	1004200	51.692	nq	97
73) Carbazole	17.94	167	893994	46.112	nq	99
74) Di-n-butylphthalate	18.47	149	1083276	47.895	nq	99
75) Fluoranthene	19.58	202	1175934	51.370	nq	99
77) Benzidine	19.76	184	70082	5.559	nq	94
78) Pyrene	19.94	202	1183786	49.451	nq	97
80) Butylbenzylphthalate	20.81	149	519229	51.418	nq	93
81) Benzo(a)anthracene	21.81	228	1178422	51.863	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	168912	20.048	nq	99
83) Chrysene	21.88	228	1099742	50.843	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	721270	50.066	nq	99
85) Di-n-octyl phthalate	22.93	149	1216204	51.099	nq	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1315552	56.687	nq	# 95
88) Benzo(b)fluoranthene	24.12	252	1164292	53.352	nq	97
89) Benzo(k)fluoranthene	24.20	252	1115925	50.933	nq	100
90) Benzo(a)pyrene	25.04	252	1131536	53.839	nq	99
91) Dibenzo(a,h)anthracene	29.15	278	1056728	53.689	nq	98
92) Benzo(g,h,i)perylene	30.32	276	1081155	55.110	nq	97

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

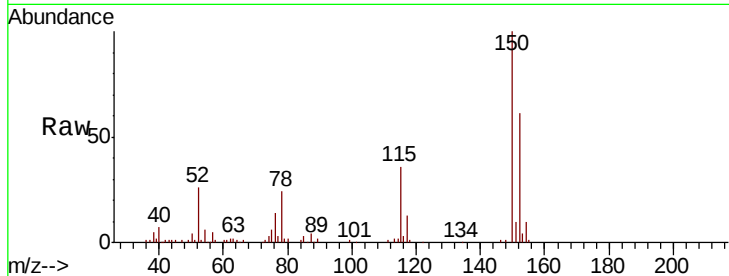


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	123.7	185.5
115	59.5	45.9	68.9

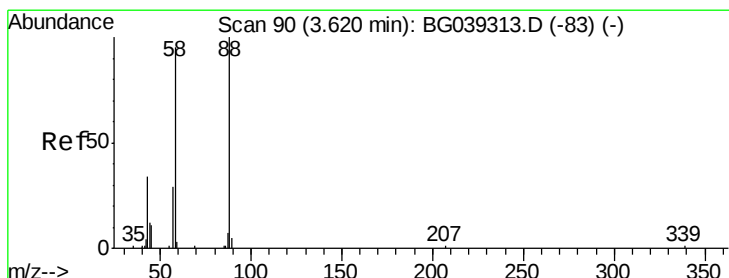
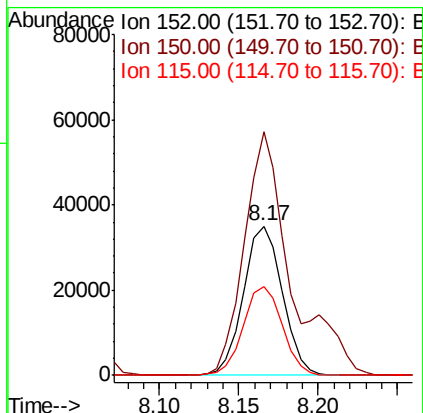
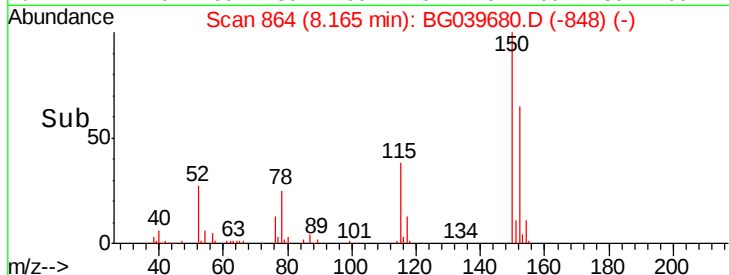


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

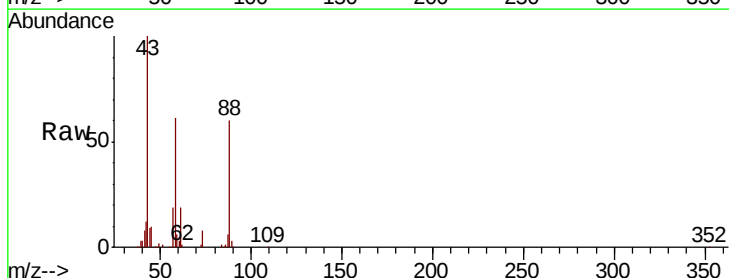
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.189 ng
RT: 3.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	81.1	121.7
43	216.3	31.4	47.0

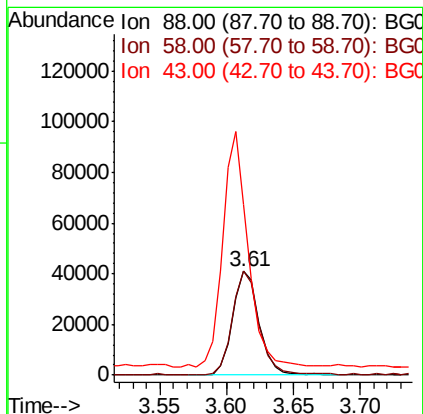
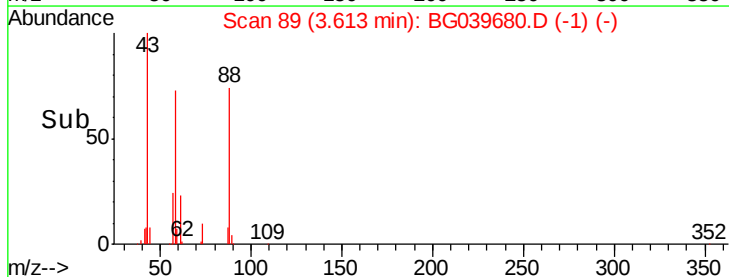


Abundance

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: 20.753 ng

RT: 4.02 min Scan# 158

Delta R.T. 0.01 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

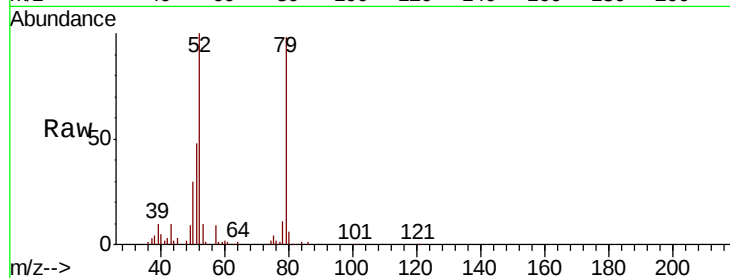
Tot Ion: 79 Resp: 83941

Ion Ratio Lower Upper

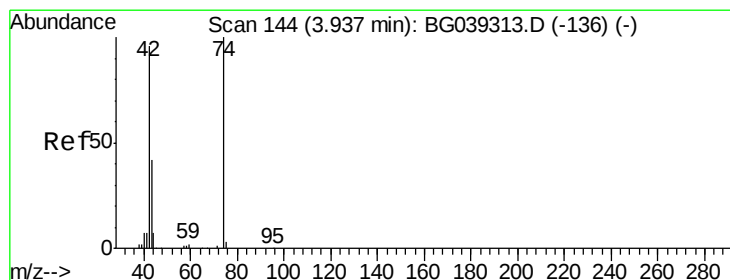
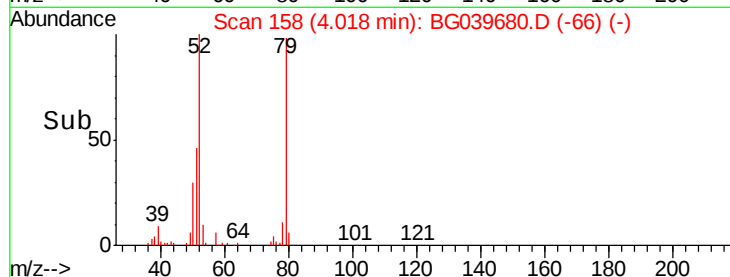
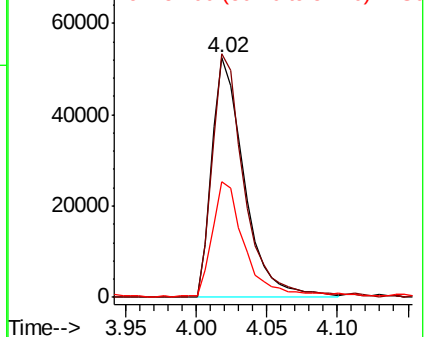
79 100

52 101.6 82.6 124.0

51 48.5 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: 42.250 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

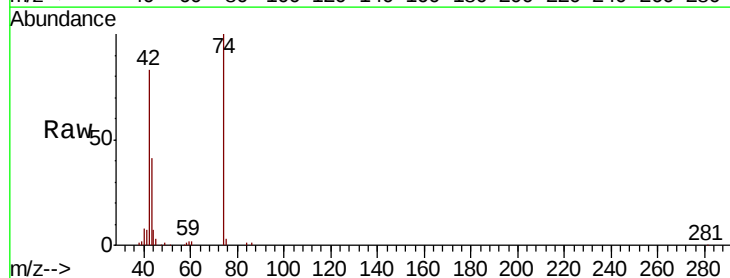
Tgt Ion: 42 Resp: 85465

Ion Ratio Lower Upper

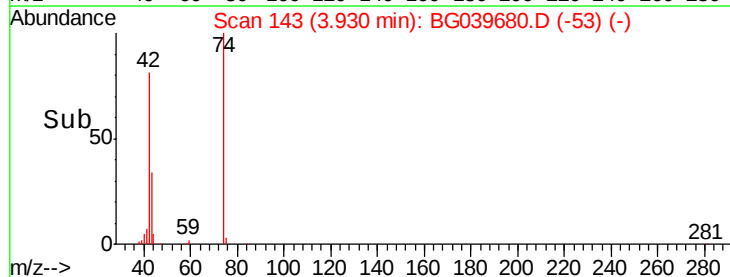
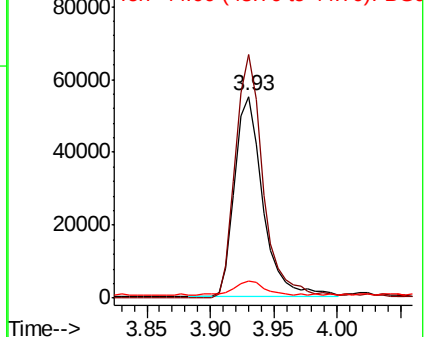
42 100

74 120.8 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: 152.517 ng

RT: 5.71 min Scan# 446

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

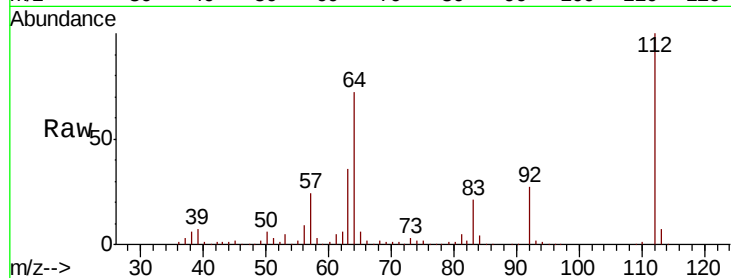
Tot Ion:112 Resp: 532671

Ion Ratio Lower Upper

112 100

64 72.1 57.8 86.8

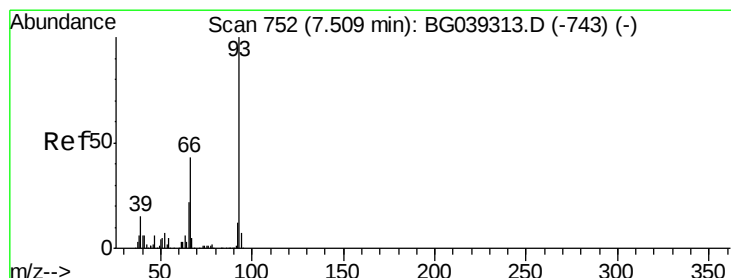
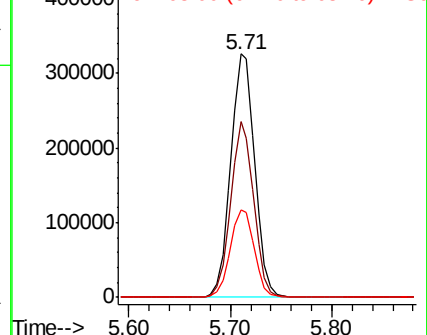
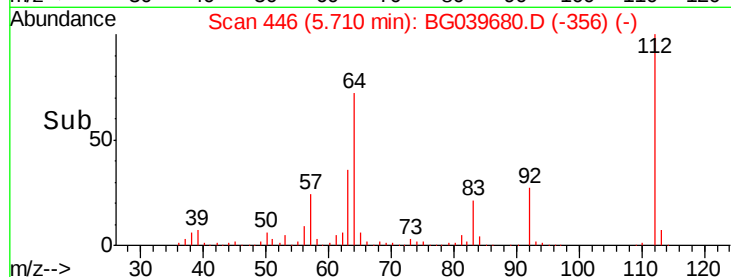
63 36.2 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.965 ng

RT: 7.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

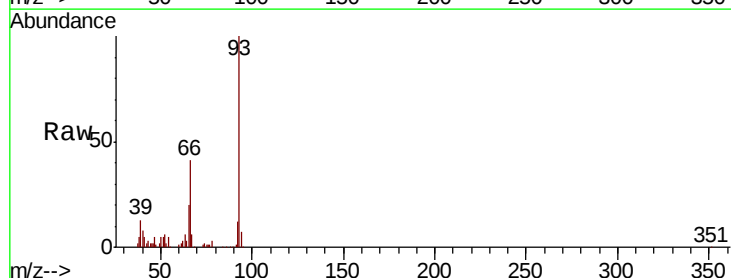
Tgt Ion: 93 Resp: 83486

Ion Ratio Lower Upper

93 100

66 41.0 34.2 51.4

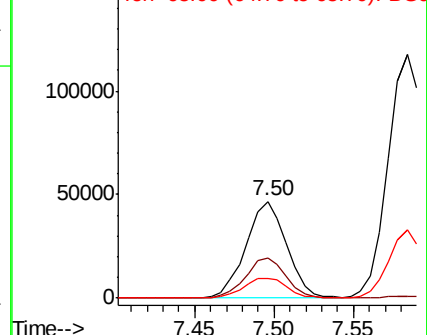
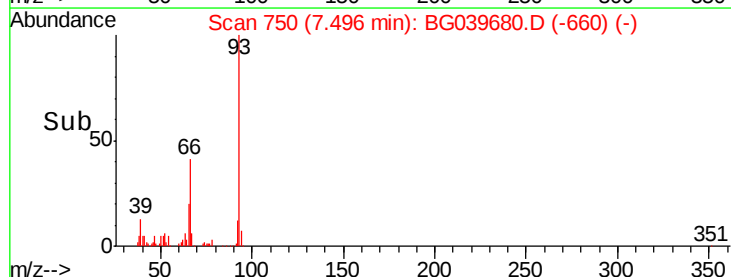
65 20.3 17.7 26.5



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: 134.841 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

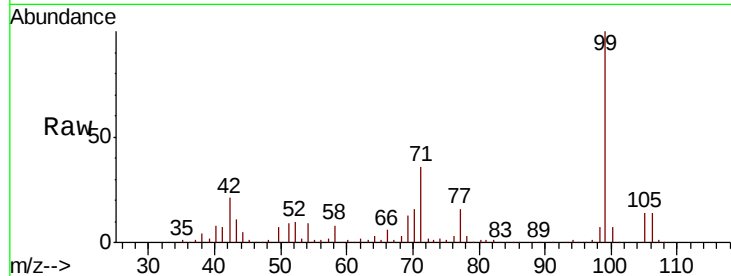
Tot Ion: 99 Resp: 693207

Ion Ratio Lower Upper

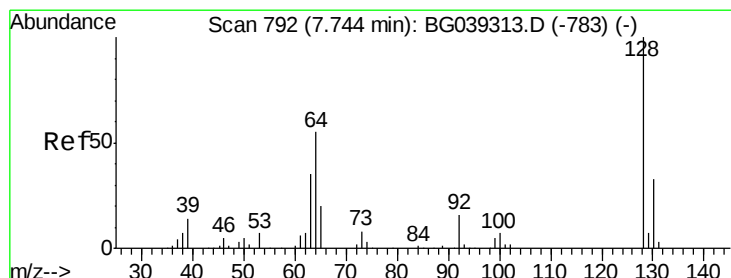
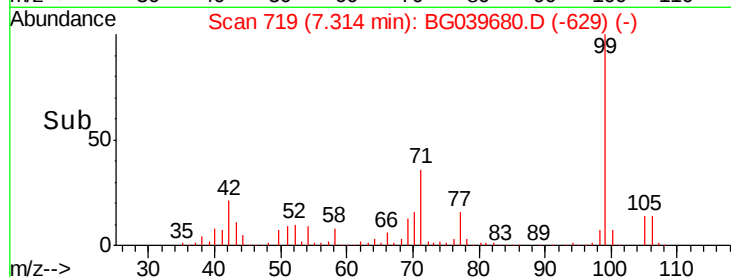
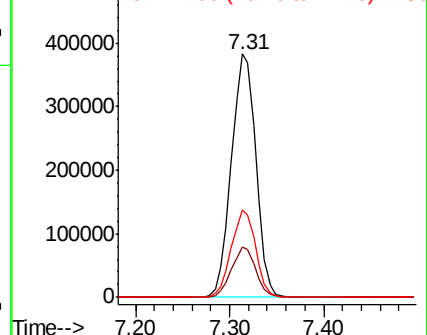
99 100

42 20.6 18.2 27.2

71 36.1 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: 51.582 ng

RT: 7.72 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

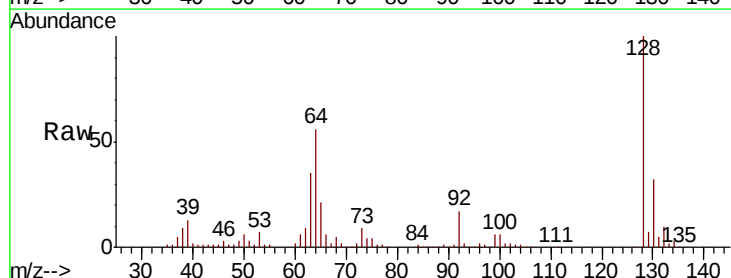
Tgt Ion: 128 Resp: 196921

Ion Ratio Lower Upper

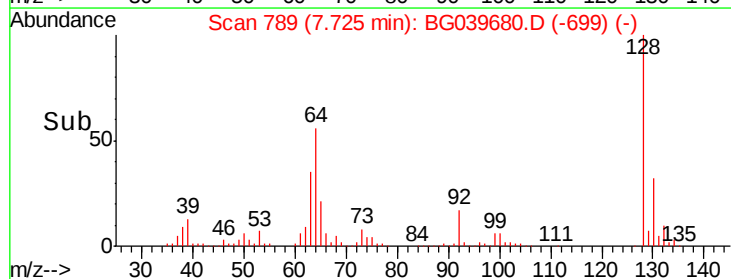
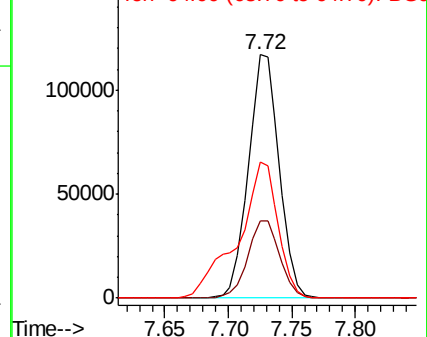
128 100

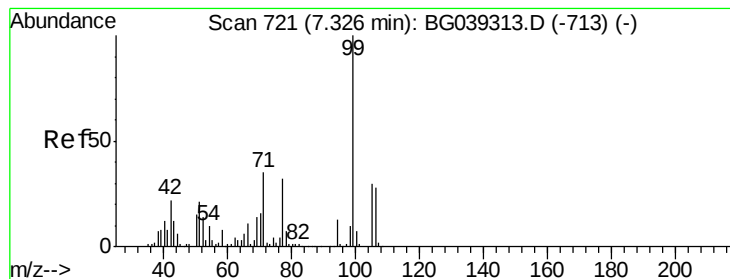
130 31.5 12.9 52.9

64 55.8 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: 55.669 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

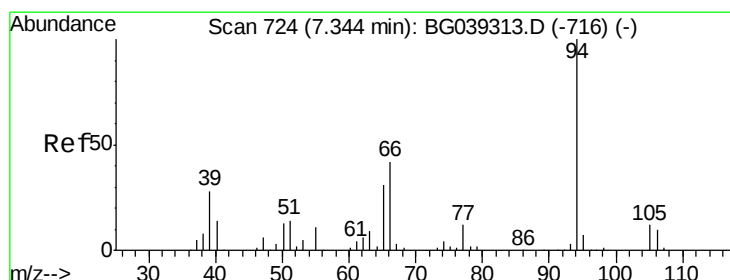
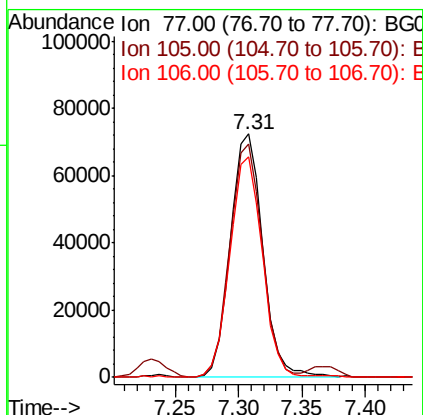
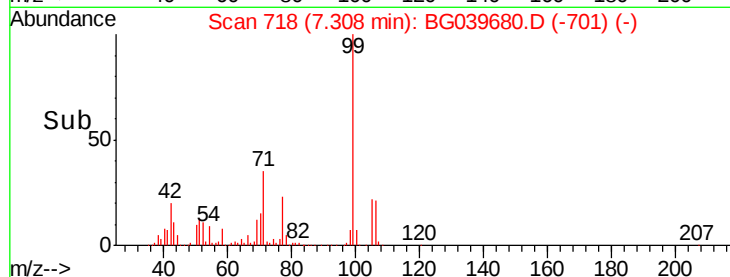
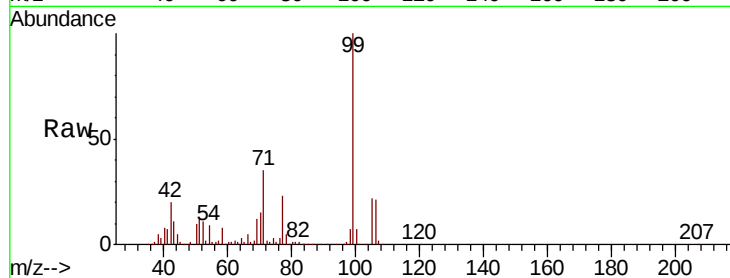
Tot Ion: 77 Resp: 127901

Ion Ratio Lower Upper

77 100

105 95.8 74.5 114.5

106 90.4 68.0 108.0



#10

Phenol

Concen: 41.887 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

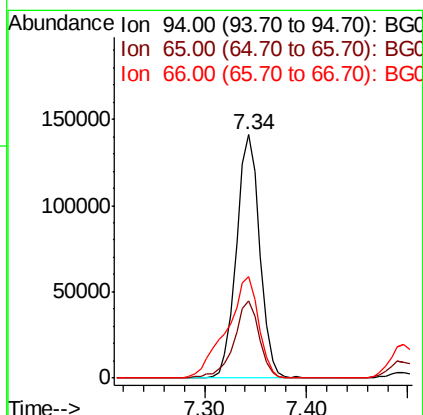
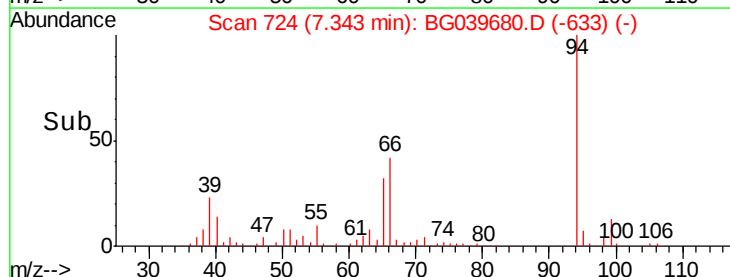
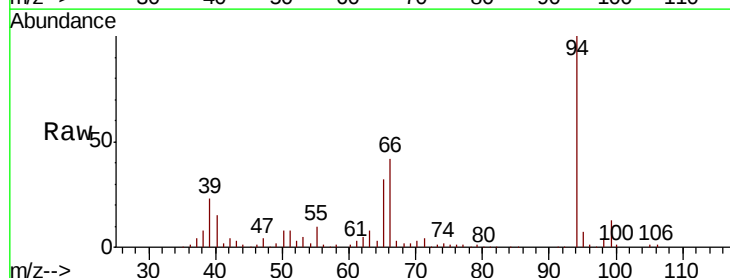
Tgt Ion: 94 Resp: 224470

Ion Ratio Lower Upper

94 100

65 31.7 11.7 51.7

66 41.7 23.7 63.7

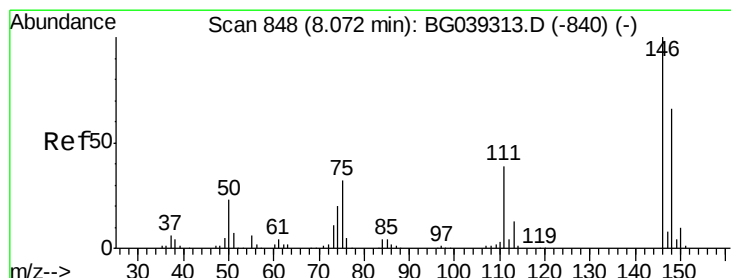
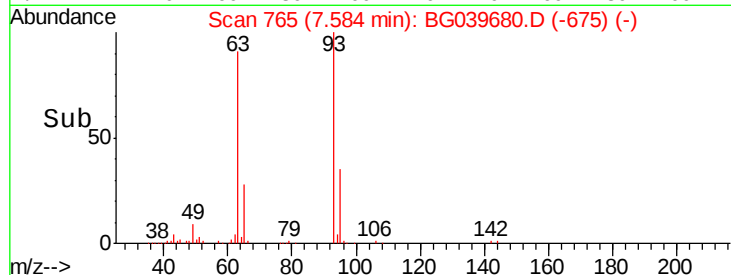
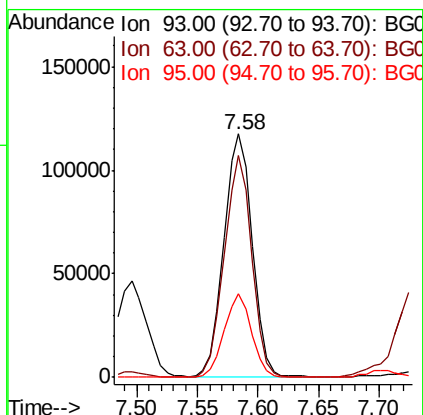
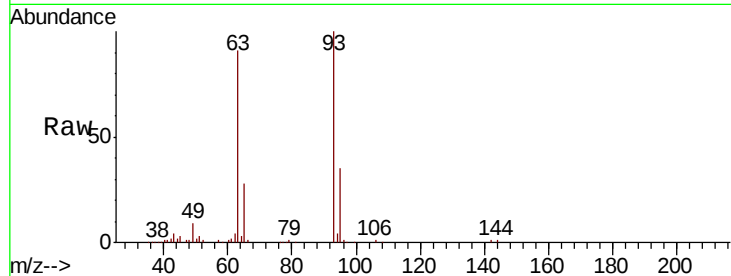




#11
 bis(2-Chloroethyl)ether
 Concen: 45.351 ng
 RT: 7.58 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

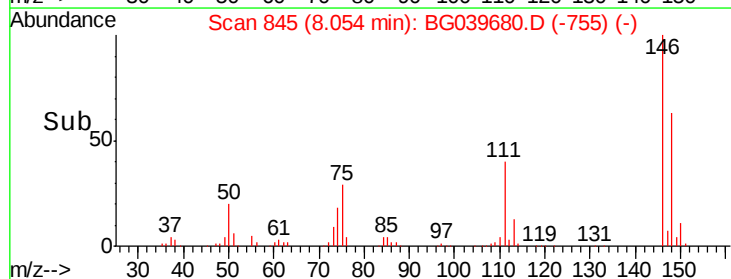
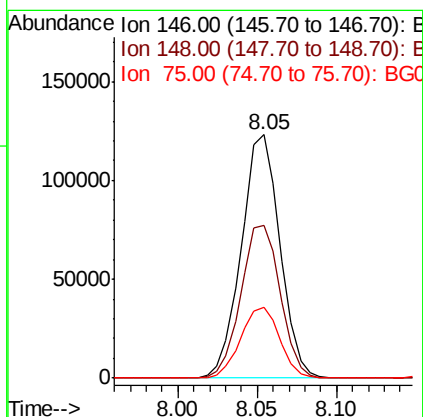
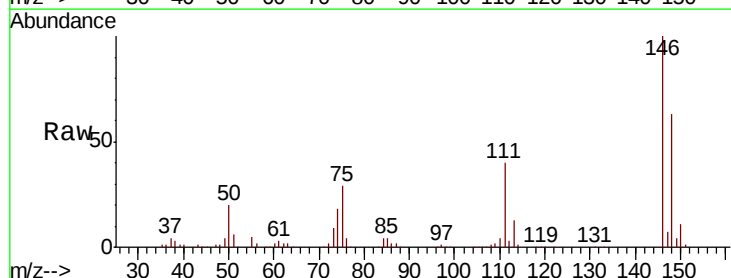
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MSD

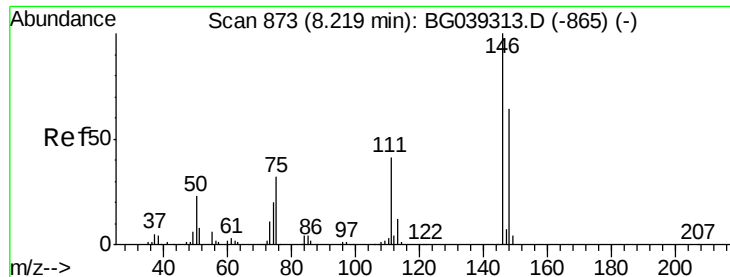
Tot Ion: 93 Resp: 192042
 Ion Ratio Lower Upper
 93 100
 63 91.3 69.5 109.5
 95 34.5 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 45.055 ng
 RT: 8.05 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Tgt Ion: 146 Resp: 208370
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.6 79.0
 75 29.1 25.8 38.6

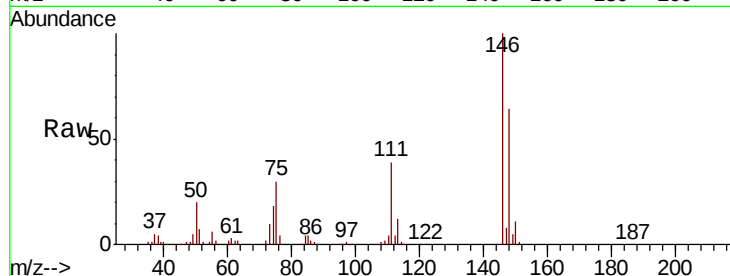




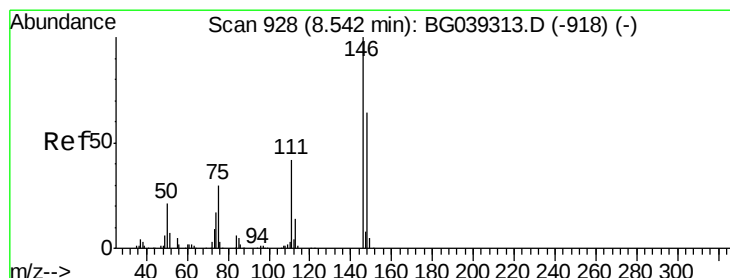
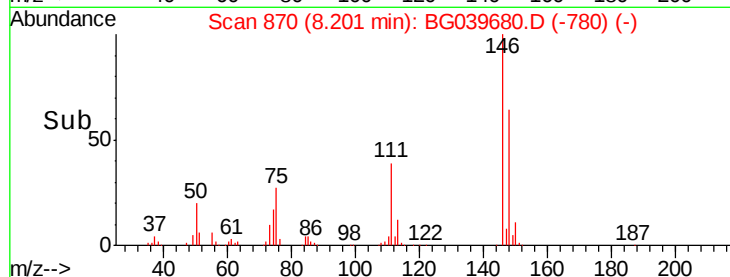
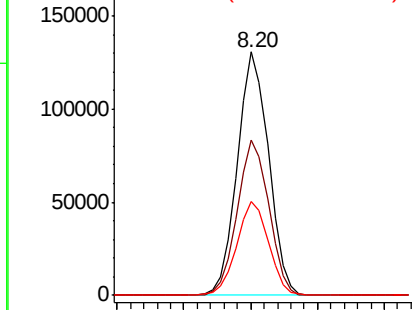
#13
 1,4-Dichlorobenzene
 Concen: 46.082 ng
 RT: 8.20 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MSD

Tot Ion:146 Resp: 212419
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 38.6 32.6 48.8

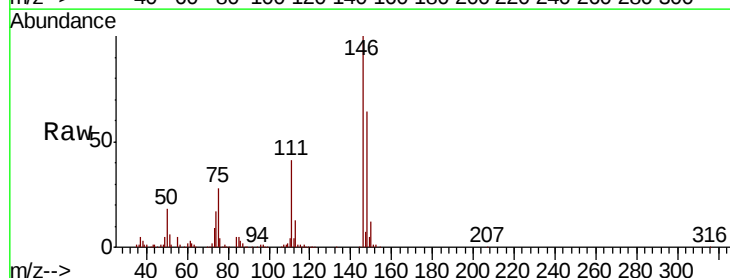


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

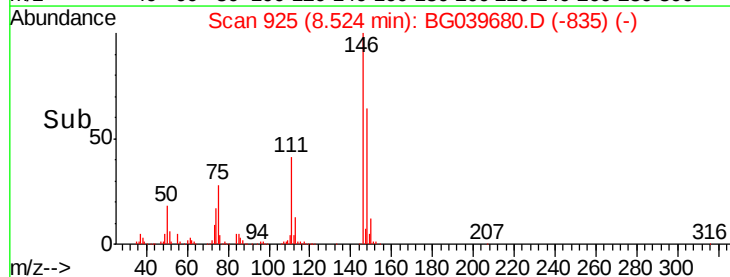
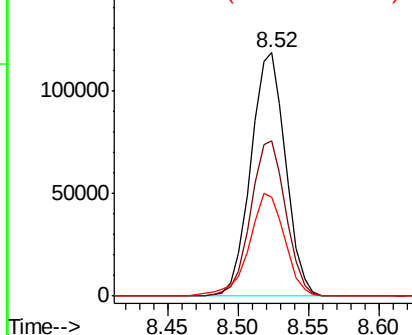


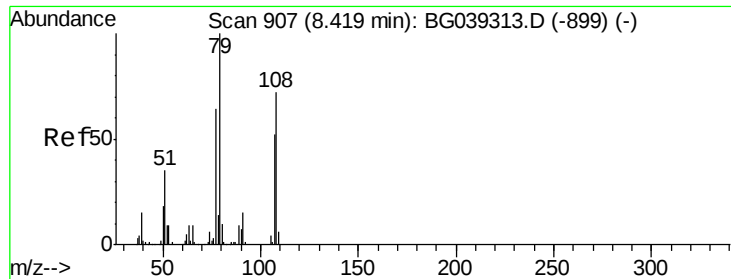
#14
 1,2-Dichlorobenzene
 Concen: 45.641 ng
 RT: 8.52 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Tgt Ion:146 Resp: 203673
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.5 77.3
 111 40.5 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: 46.029 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

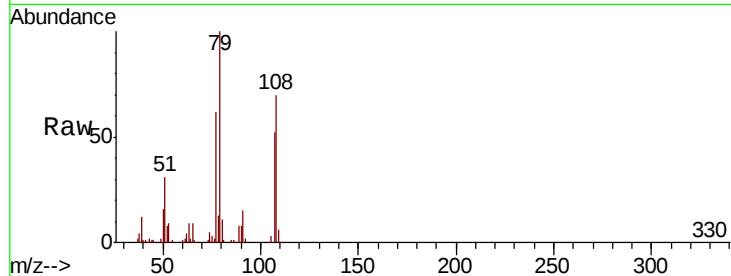
Tot Ion: 79 Resp: 185776

Ion Ratio Lower Upper

79 100

108 70.2 57.8 86.6

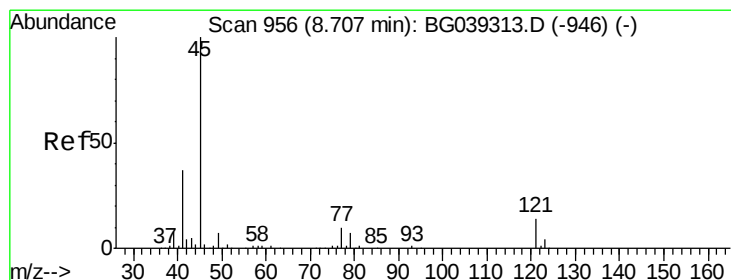
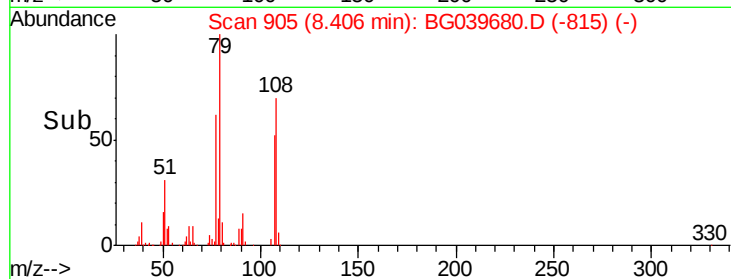
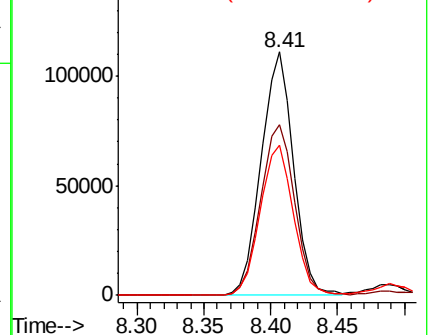
77 61.7 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.084 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

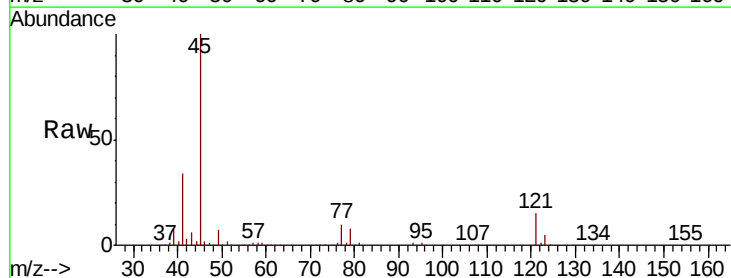
Tgt Ion: 45 Resp: 373755

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

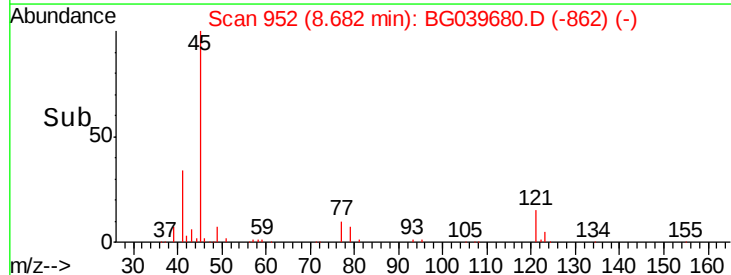
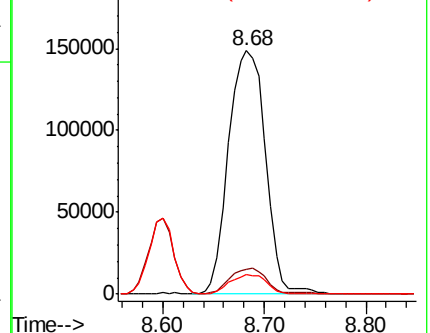
79 8.0 0.0 27.5

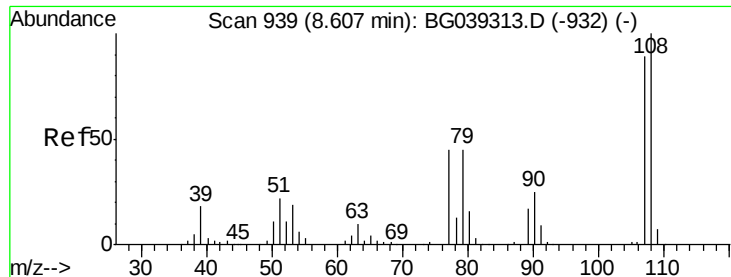


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

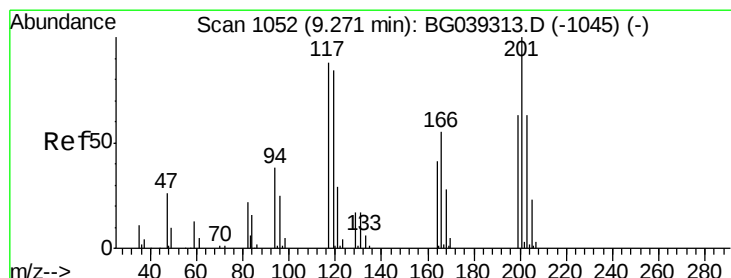
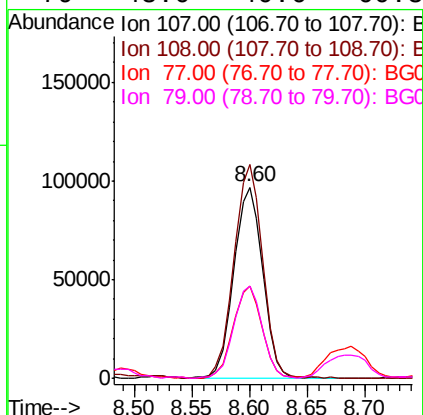
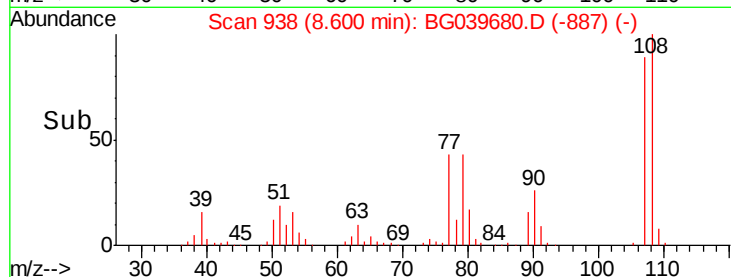
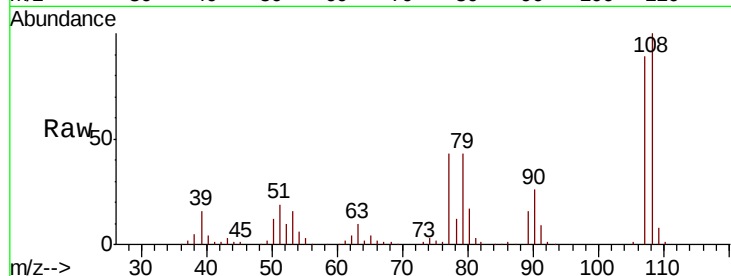




#17
2-Methylphenol
Concen: 48.465 ng
RT: 8.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

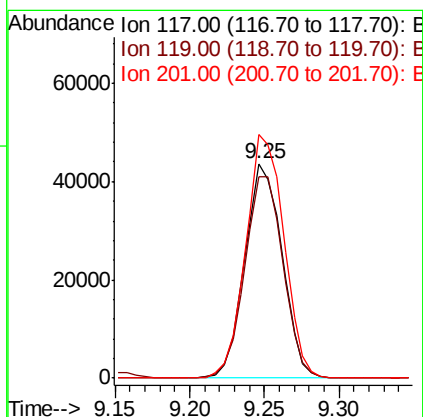
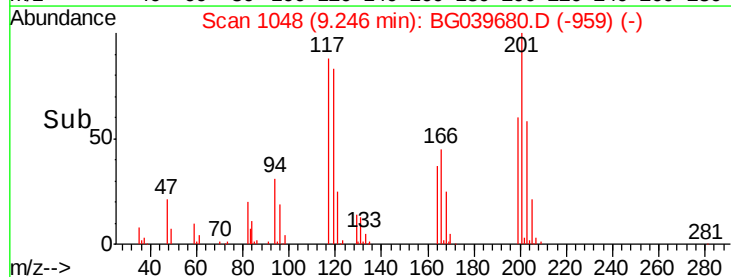
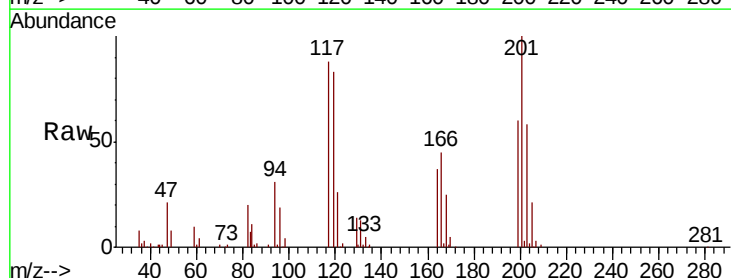
Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

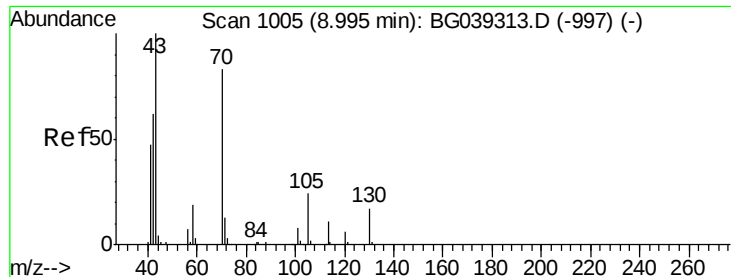
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.8	136.2
77	48.0	40.7	61.1
79	48.0	40.6	60.8



#18
Hexachloroethane
Concen: 47.507 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.3	114.5
201	113.5	91.1	136.7

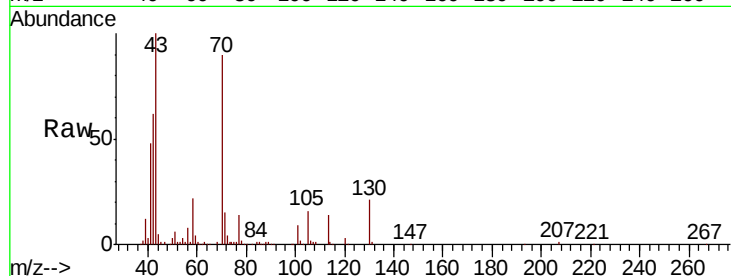




#19
n-Nitroso-di-n-propylamine
Concen: 43.939 ng
RT: 8.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

Tot Ion:	70	Resp:	160324
Ion	Ratio	Lower	Upper
70	100		
42	68.0	60.4	90.6
101	10.2	7.5	11.3
130	22.8	16.9	25.3



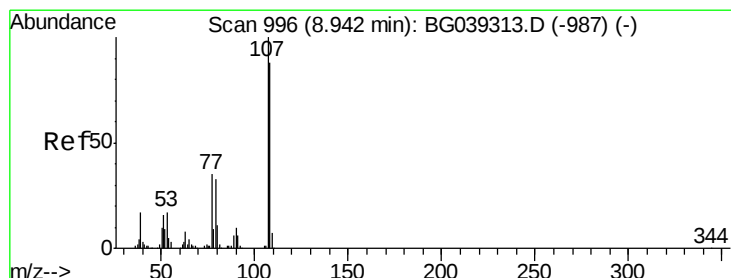
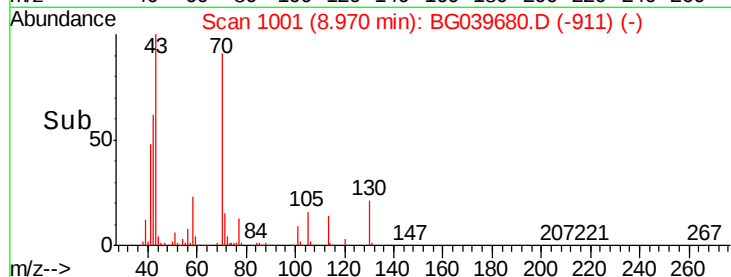
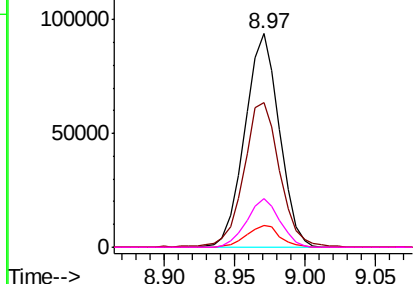
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 48.743 ng
RT: 8.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:	107	Resp:	232778
Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.9	107.9
77	35.3	15.4	55.4
79	31.6	13.7	53.7

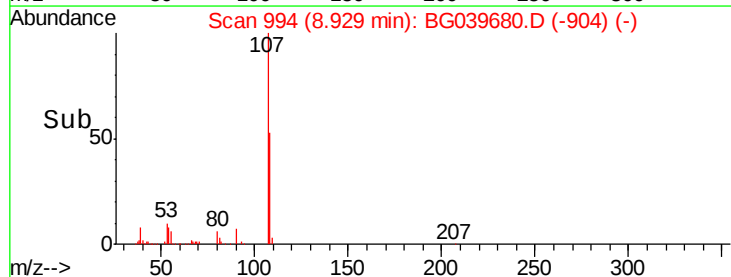
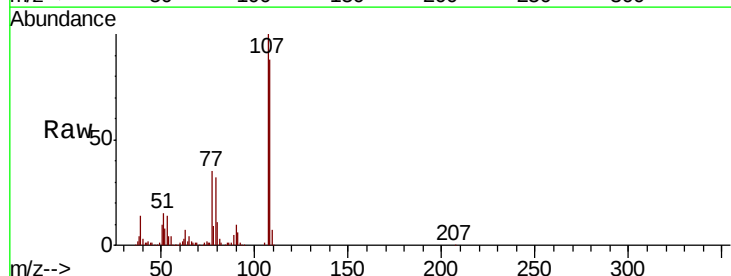
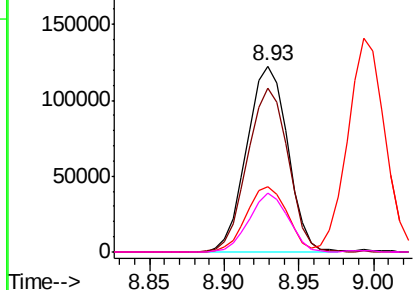
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

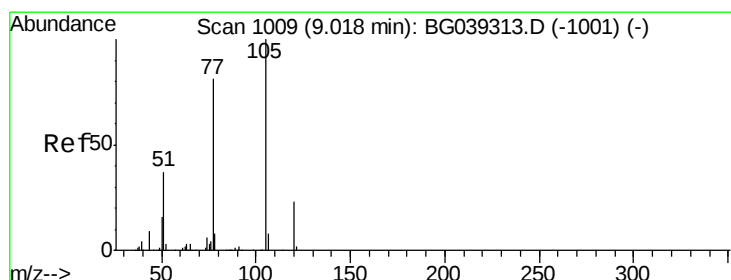
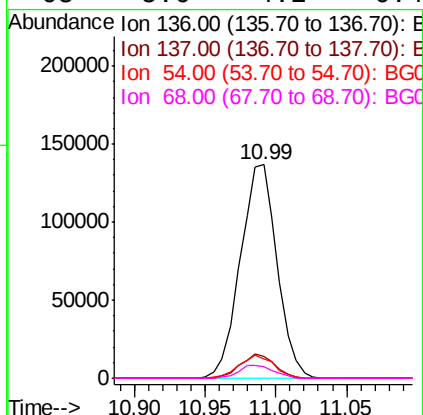
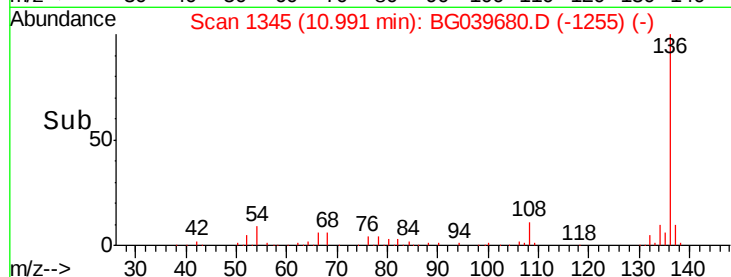
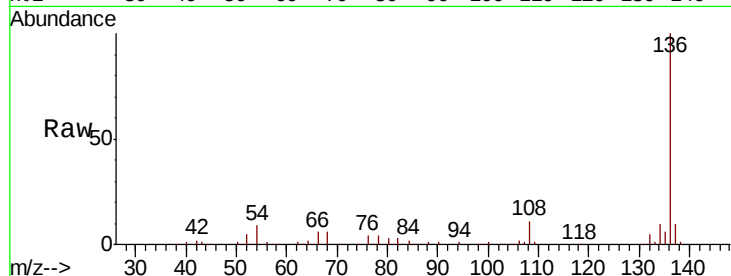




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

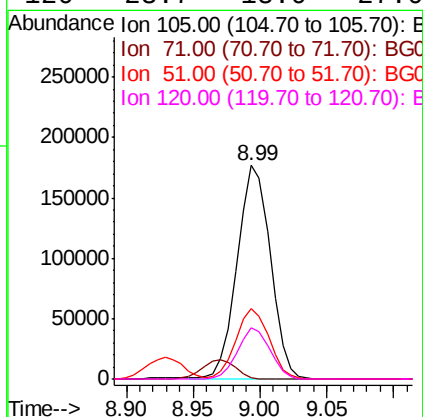
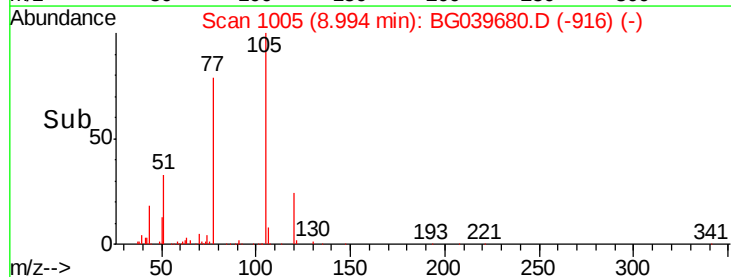
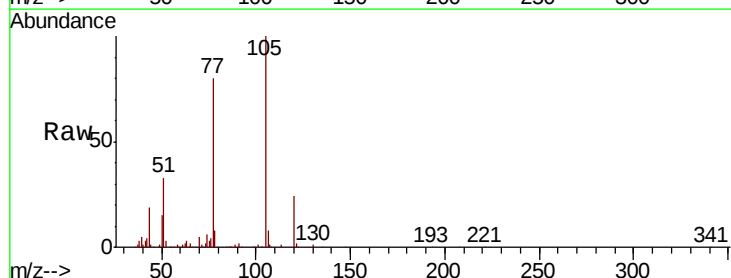
Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

Tot Ion:136	Resp:	248257
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.1 13.7
54	9.1	9.4 14.2#
68	5.6	4.2 6.4



#22
Acetophenone
Concen: 45.707 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:105	Resp:	304804
Ion Ratio	Lower	Upper
105	100	
71	0.8	0.8 1.2
51	33.1	30.2 45.2
120	23.7	18.0 27.0

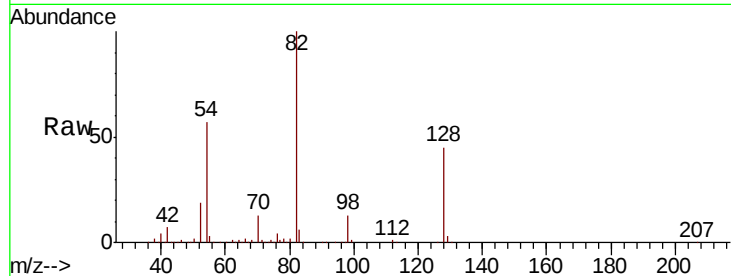




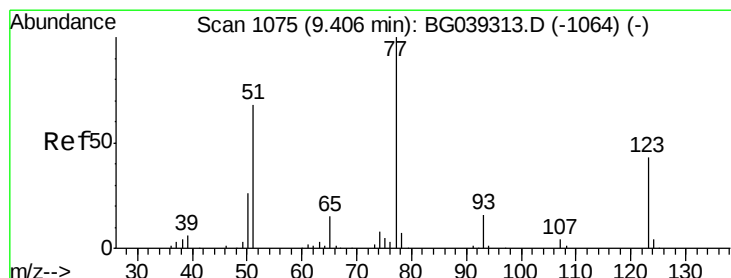
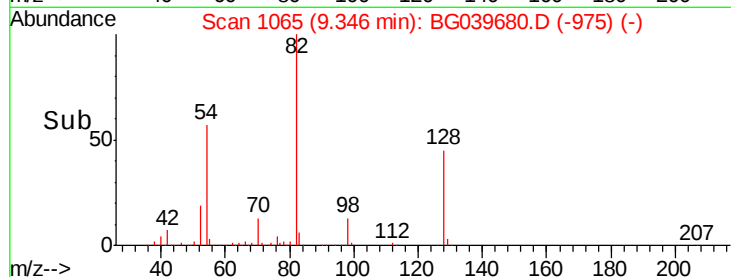
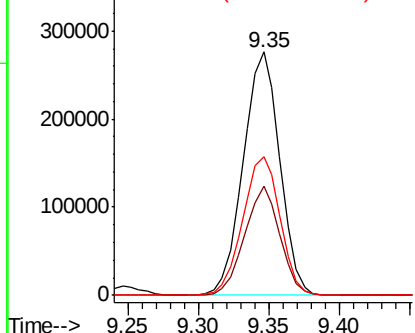
#23
 Nitrobenzene-d5
 Concen: 125.833 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MSD

Tot Ion: 82 Resp: 500049
 Ion Ratio Lower Upper
 82 100
 128 44.9 31.3 46.9
 54 57.0 50.9 76.3

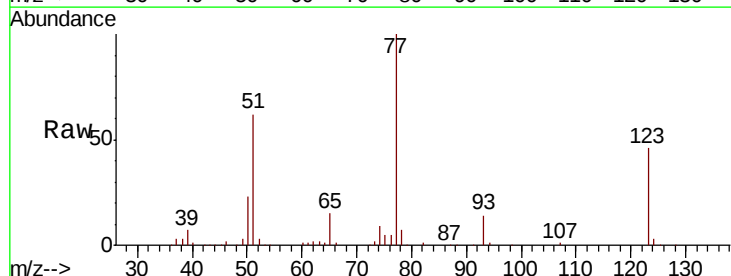


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

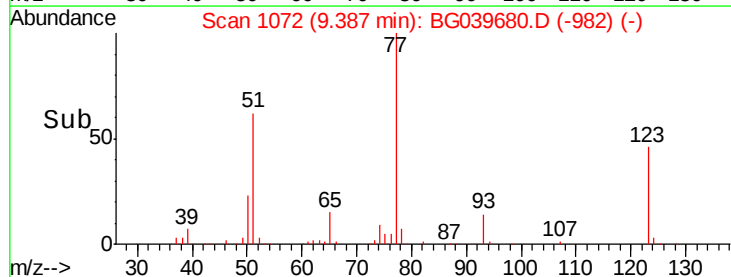
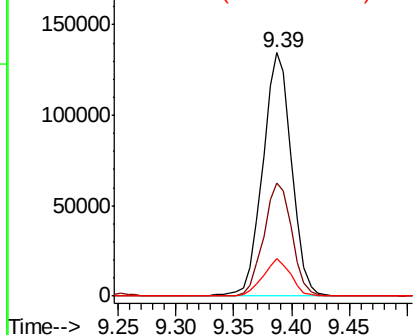


#24
 Nitrobenzene
 Concen: 54.522 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Tgt Ion: 77 Resp: 234071
 Ion Ratio Lower Upper
 77 100
 123 46.4 34.1 51.1
 65 15.3 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

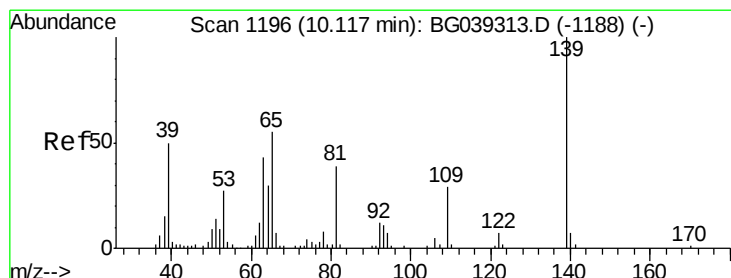
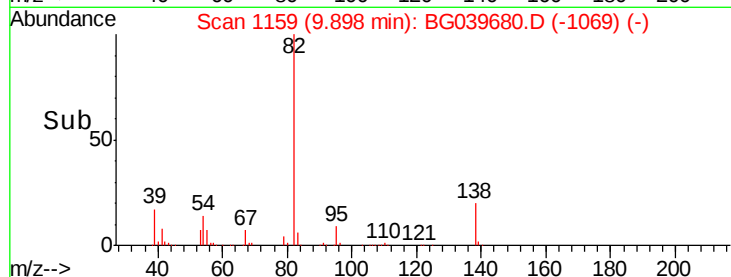
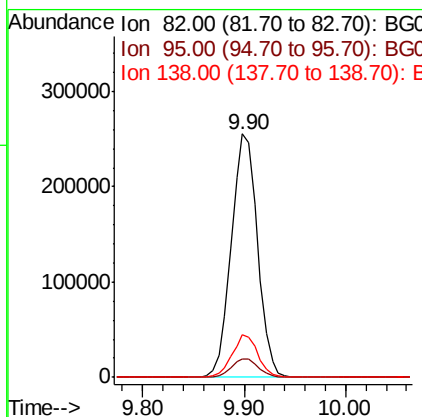
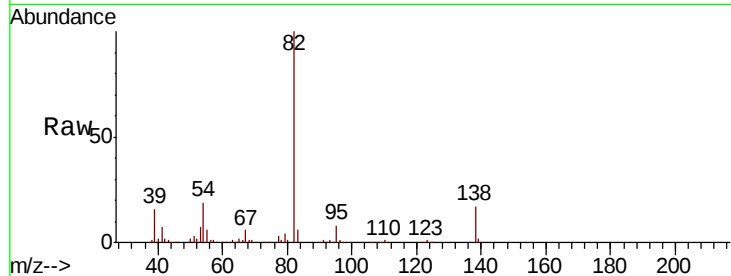




#25
Isophorone
Concen: 52.024 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

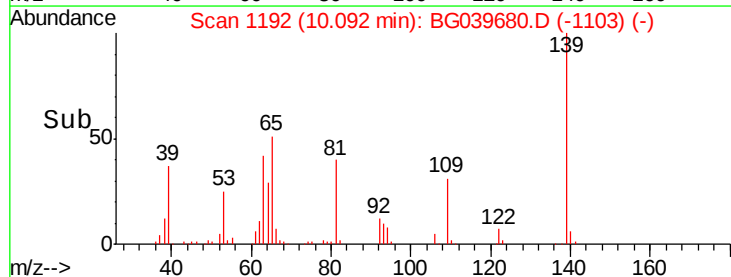
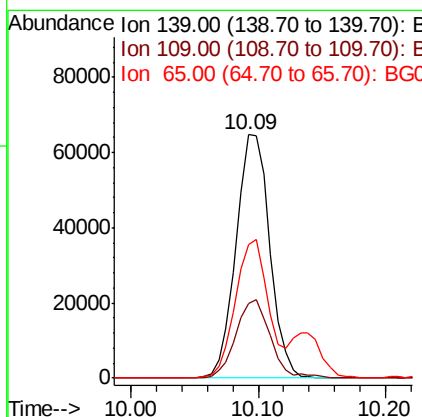
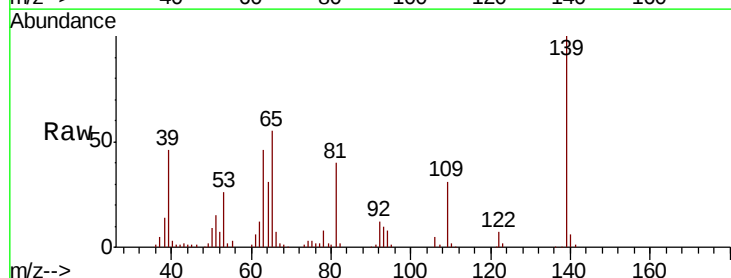
Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

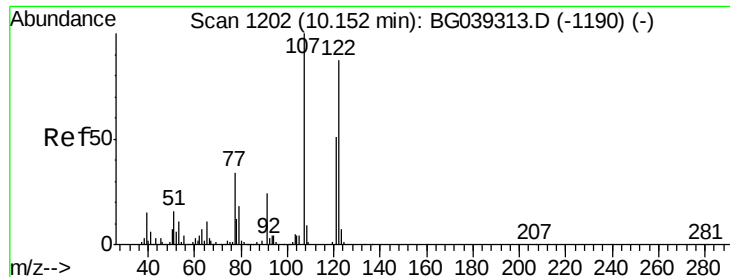
Tot Ion: 82 Resp: 458129
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 17.5 13.0 19.4



#26
2-Nitrophenol
Concen: 64.015 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion: 139 Resp: 119307
Ion Ratio Lower Upper
139 100
109 30.9 23.4 35.0
65 54.9 44.3 66.5

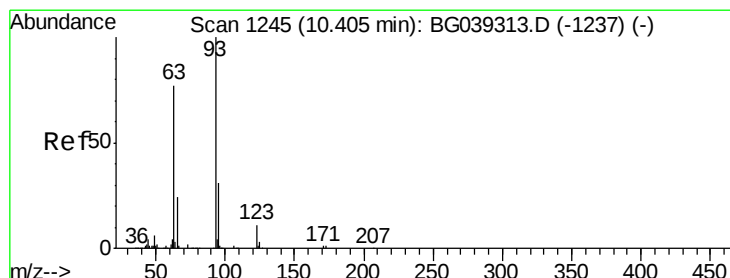
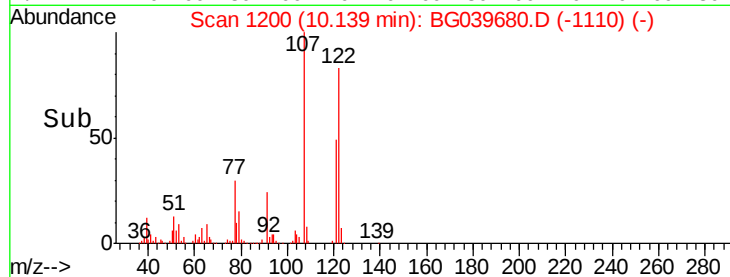
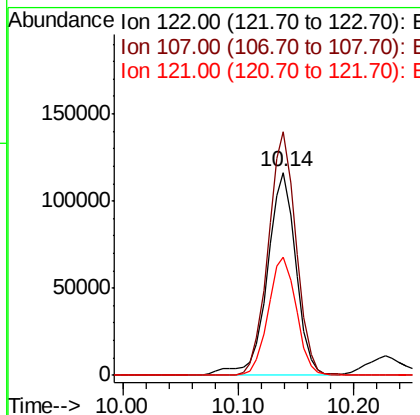
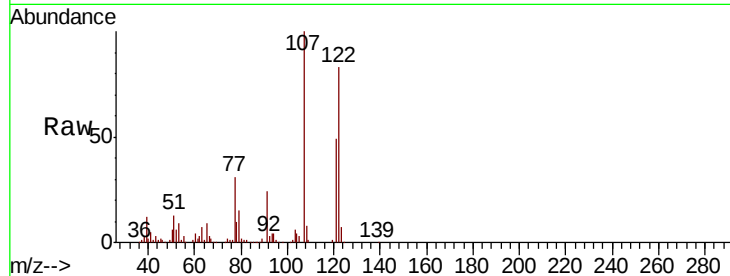




#27
 2,4-Dimethylphenol
 Concen: 56.576 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

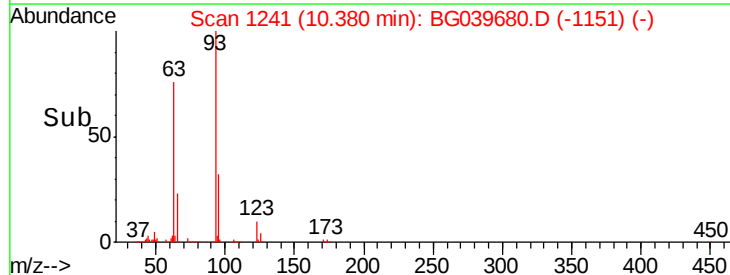
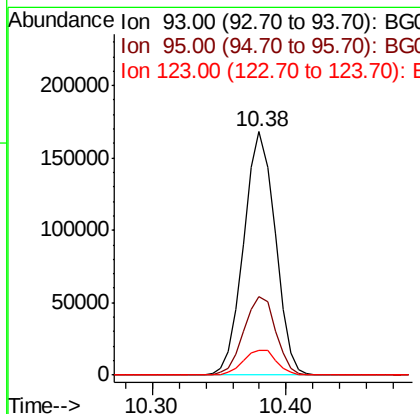
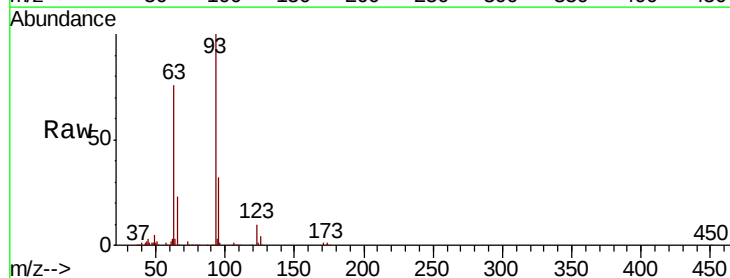
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MSD

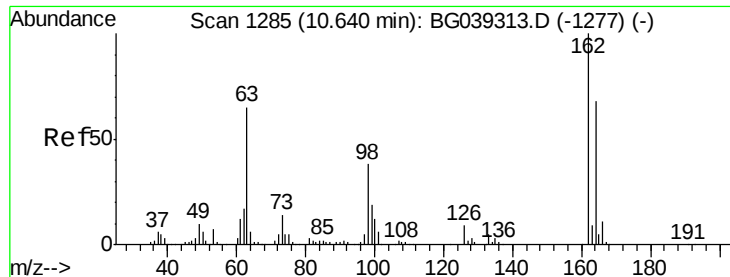
Tot Ion:122 Resp: 201541
 Ion Ratio Lower Upper
 122 100
 107 119.9 91.7 137.5
 121 58.2 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.526 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Tgt Ion: 93 Resp: 274057
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.0 37.4
 123 10.2 8.6 12.8

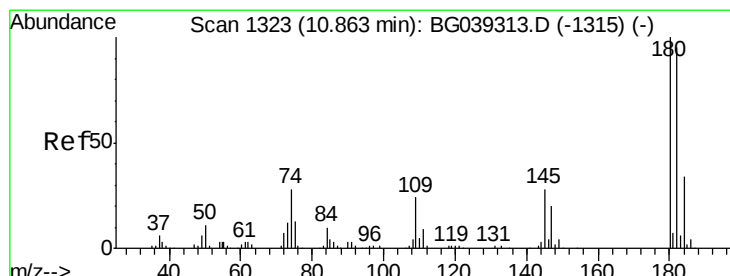
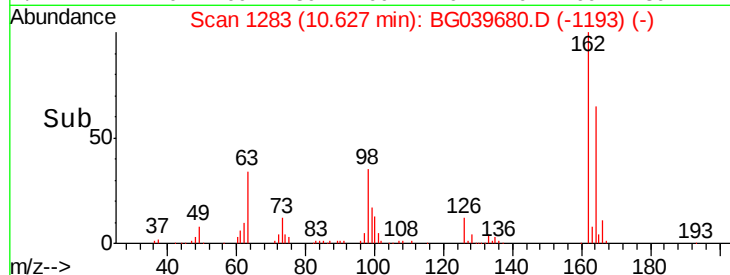
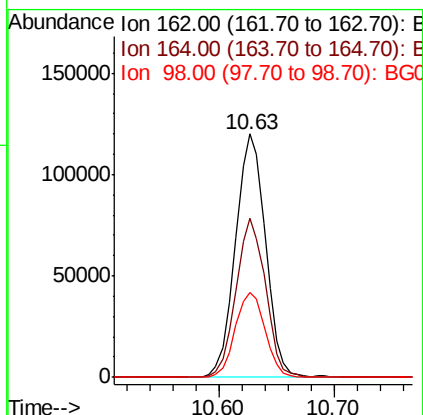
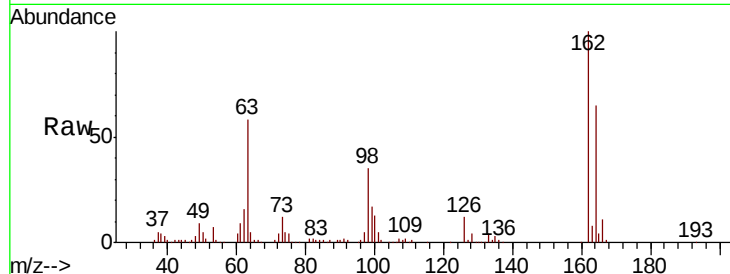




#29
2,4-Dichlorophenol
Concen: 55.546 ng
RT: 10.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

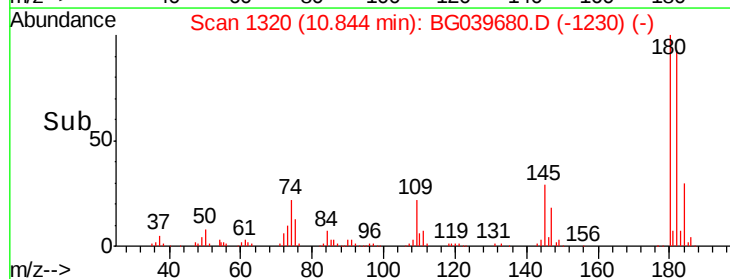
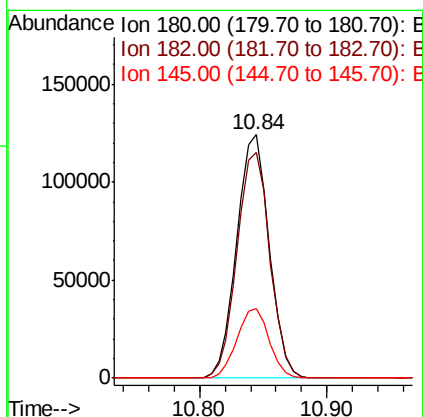
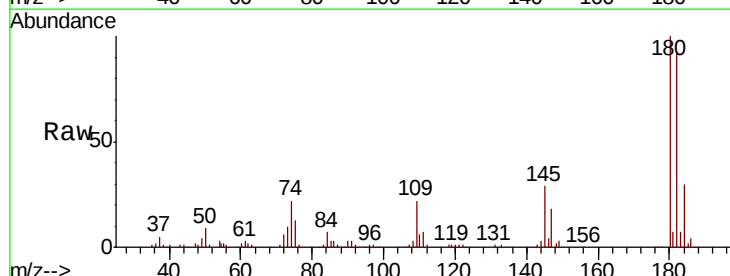
Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

Tot Ion:162 Resp: 216260
Ion Ratio Lower Upper
162 100
164 65.4 48.1 88.1
98 34.8 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 50.372 ng
RT: 10.84 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:180 Resp: 220182
Ion Ratio Lower Upper
180 100
182 92.8 76.0 114.0
145 28.7 22.7 34.1

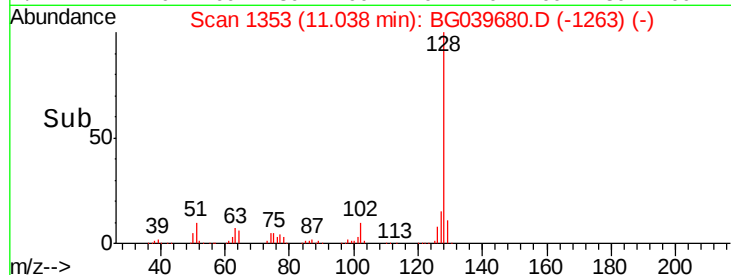
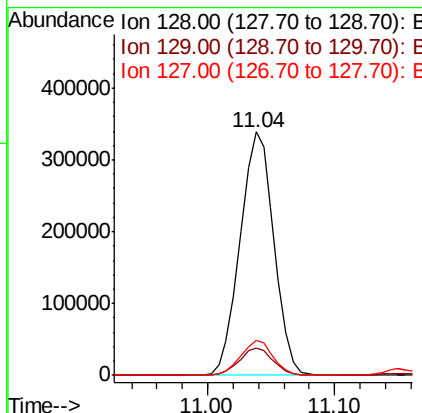
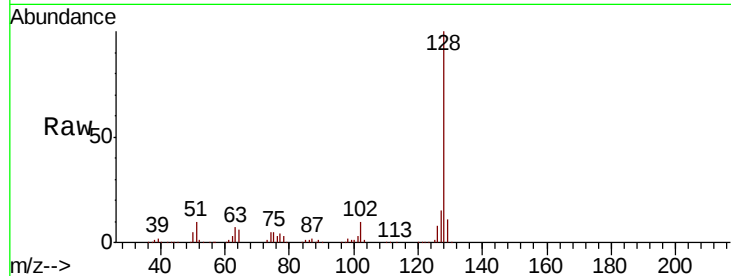




#31
Naphthalene
Concen: 50.739 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

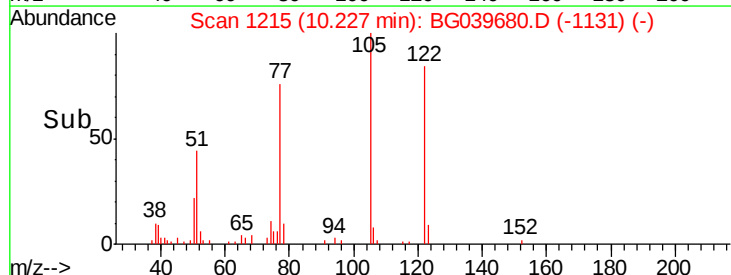
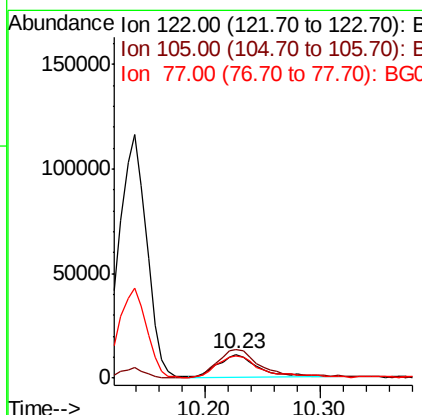
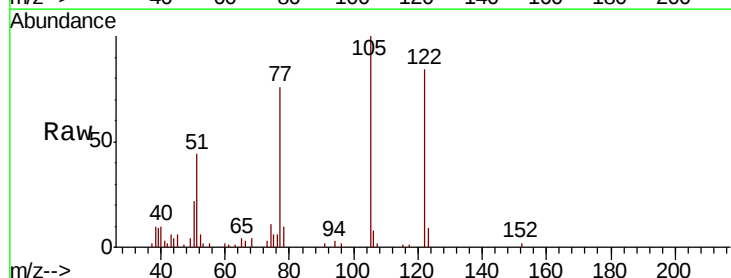
Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

Tot Ion:128 Resp: 624899
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 14.6 10.8 16.2



#32
Benzoic acid
Concen: 18.270 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:122 Resp: 26567
Ion Ratio Lower Upper
122 100
105 118.8 101.8 141.8
77 90.0 76.3 116.3

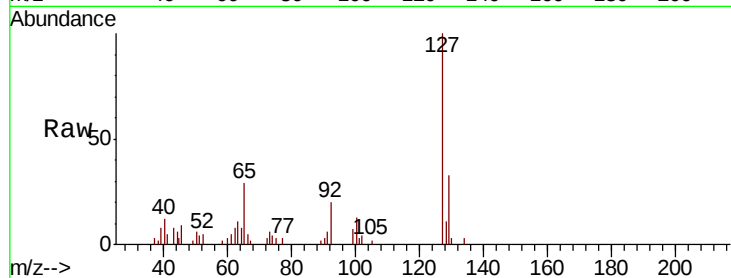




#33
4-Chloroaniline
Concen: 3.218 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

Tot Ion:	127	Resp:	18375
Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.0	40.4
65	29.4	28.8	43.2
92	20.1	16.6	25.0



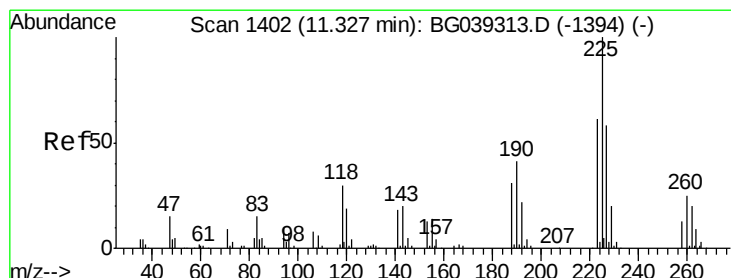
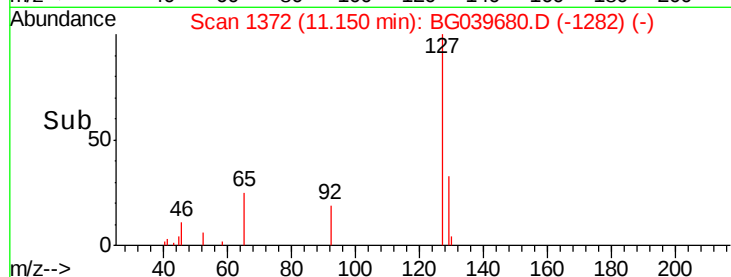
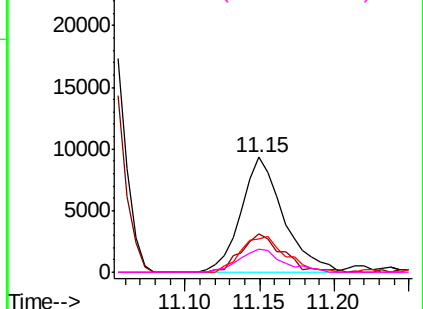
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

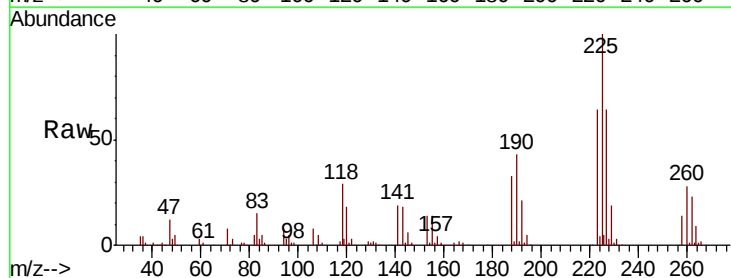
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 48.544 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:	225	Resp:	141114
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.0	73.6
227	64.3	46.3	69.5

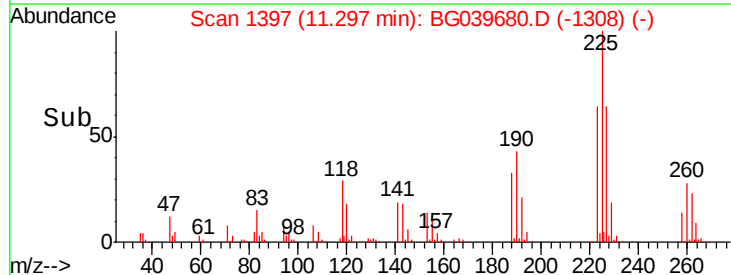
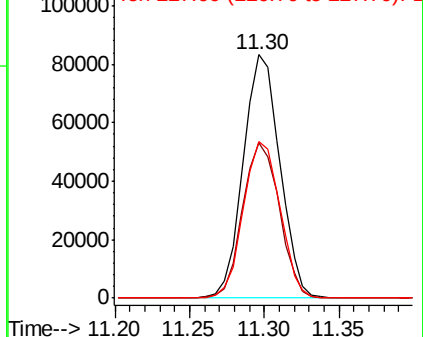


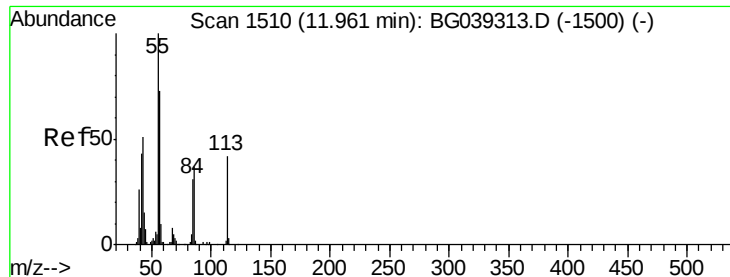
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

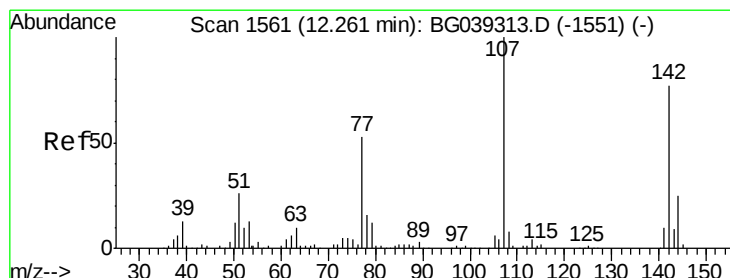
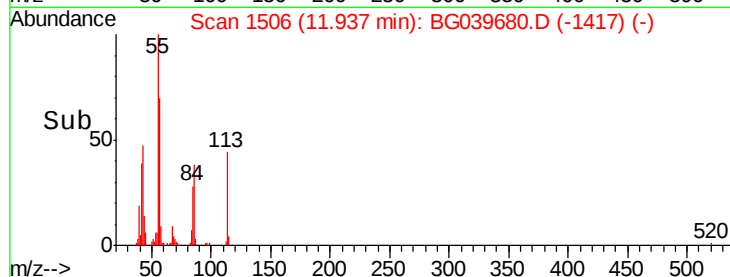
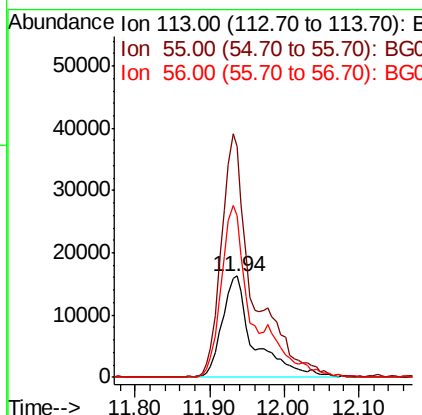
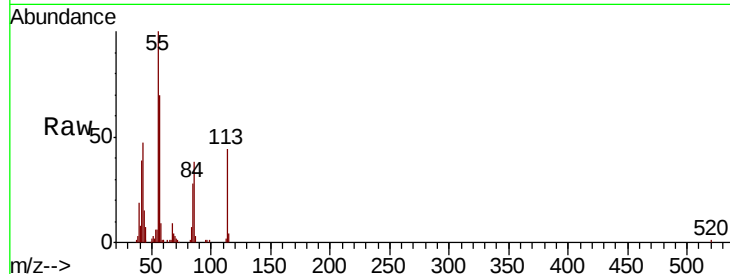




#35
 Caprolactam
 Concen: 30.078 ng
 RT: 11.94 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

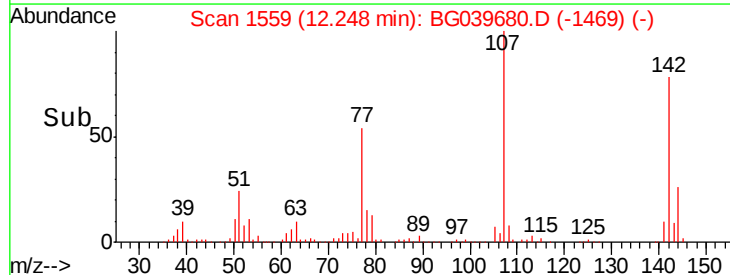
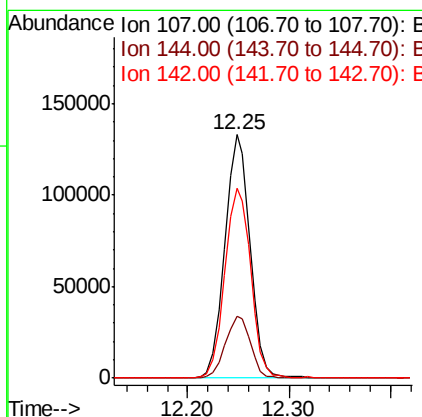
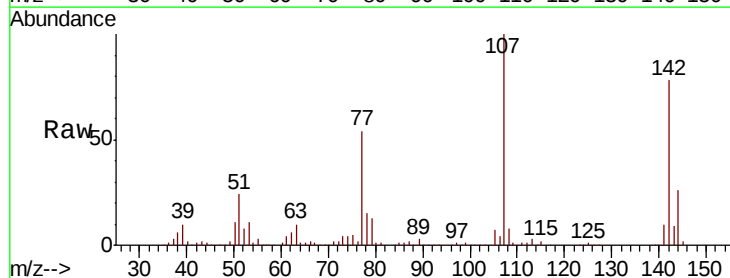
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MSD

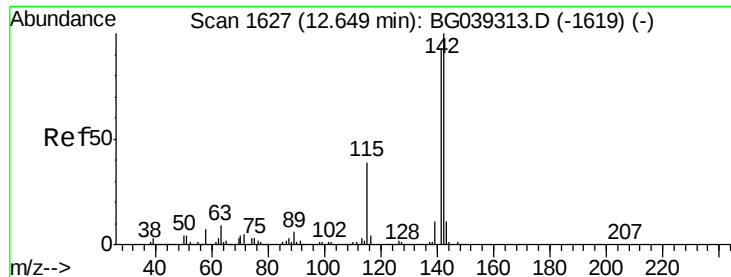
Tot Ion:113 Resp: 48458
 Ion Ratio Lower Upper
 113 100
 55 227.6 216.9 256.9
 56 159.1 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 50.727 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Tgt Ion:107 Resp: 228408
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 78.0 61.4 92.2

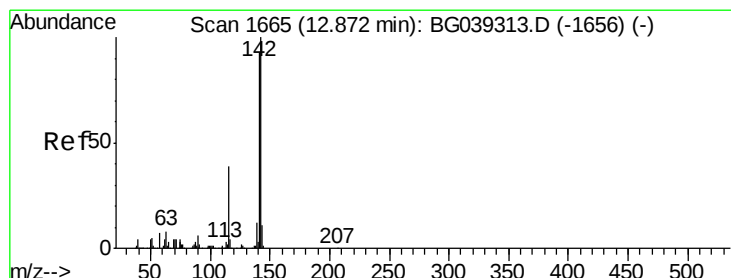
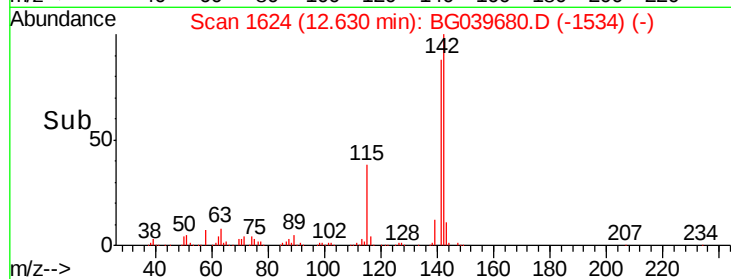
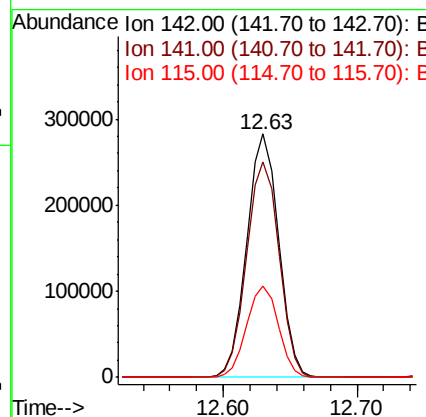
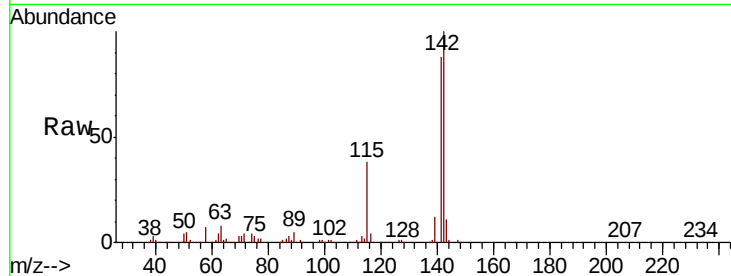




#37
2-Methylnaphthalene
Concen: 50.914 ng
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

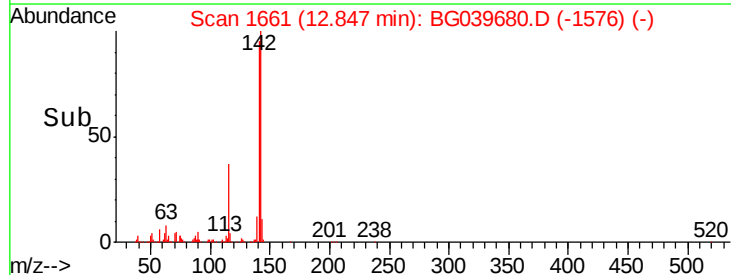
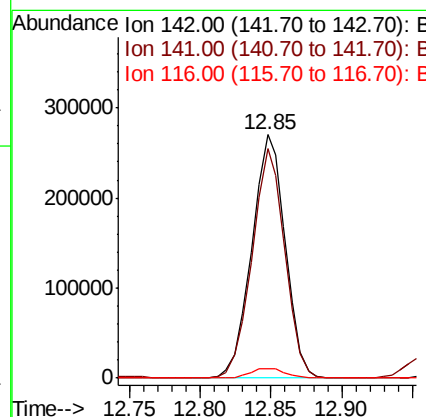
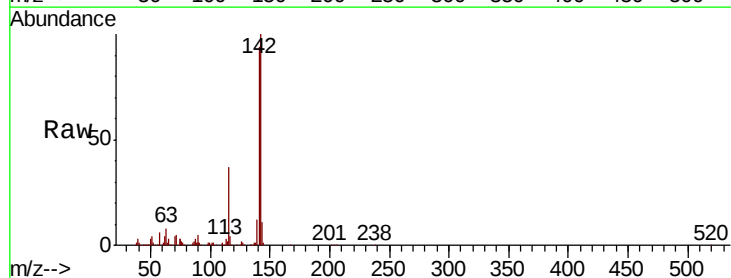
Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

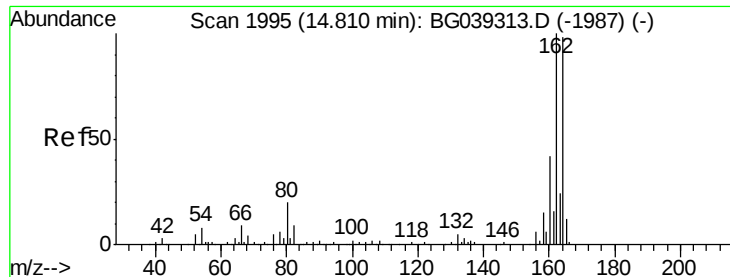
Tot Ion:142 Resp: 464429
Ion Ratio Lower Upper
142 100
141 88.4 73.5 110.3
115 37.6 30.8 46.2



#38
1-Methylnaphthalene
Concen: 50.974 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:142 Resp: 448217
Ion Ratio Lower Upper
142 100
141 94.5 74.2 111.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

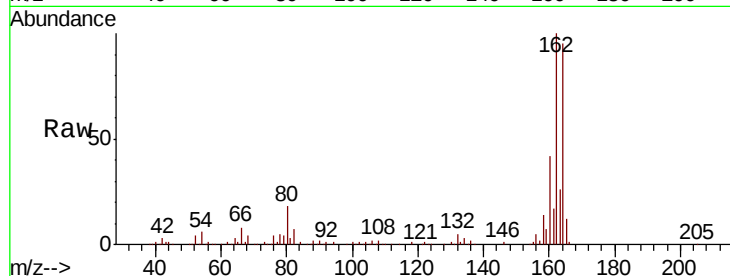
Tot Ion:164 Resp: 164039

Ion Ratio Lower Upper

164 100

162 105.8 81.6 122.4

160 44.5 34.2 51.2

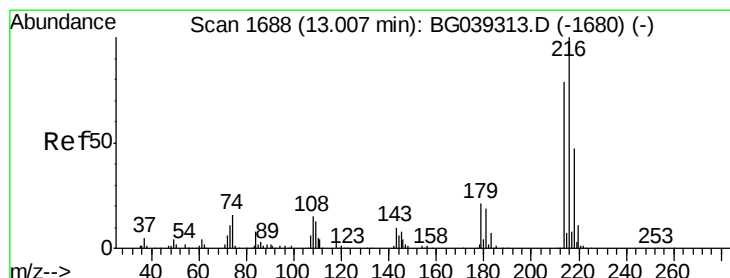
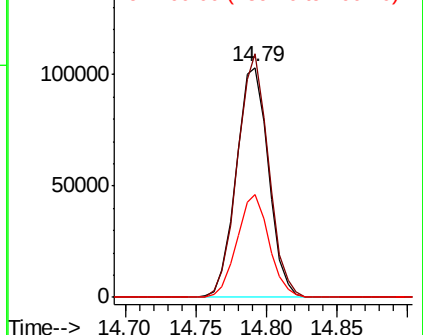
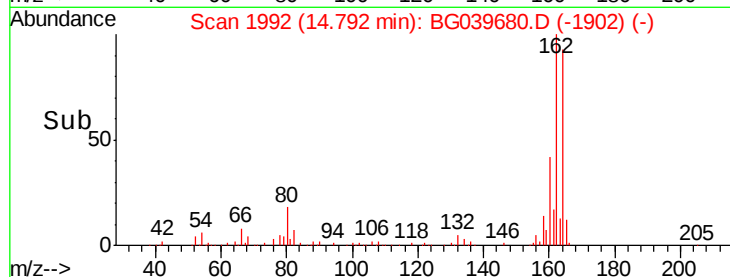


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.312 ng

RT: 12.99 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Tgt Ion:216 Resp: 257371

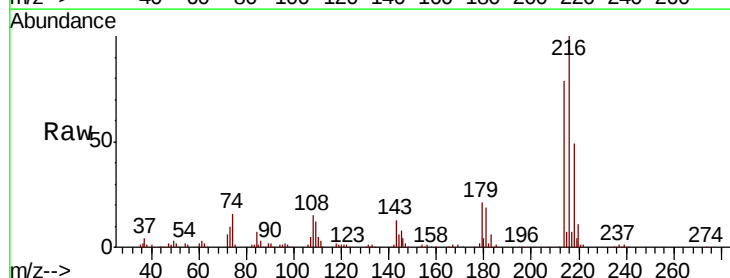
Ion Ratio Lower Upper

216 100

214 79.3 62.6 94.0

179 20.2 16.6 25.0

108 18.1 14.0 21.0



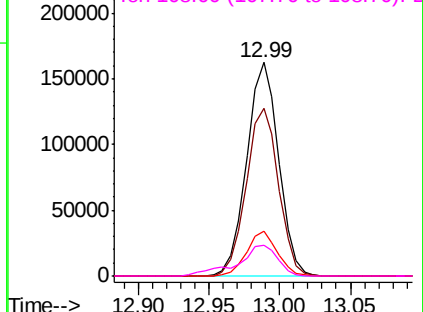
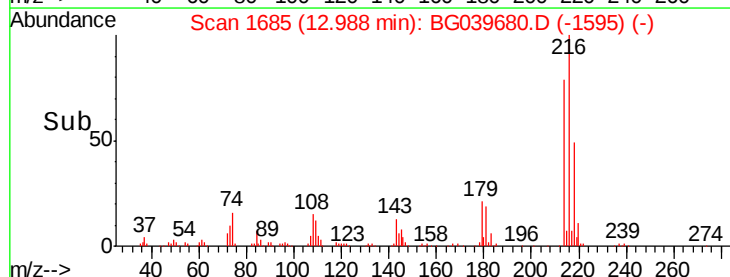
Abundance

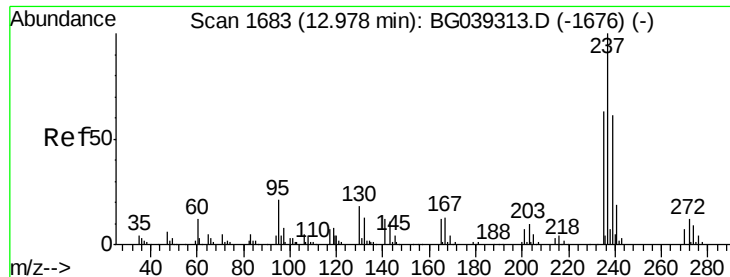
Ion 216.00 (215.70 to 216.70): E

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: 108.747 ng

RT: 12.96 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

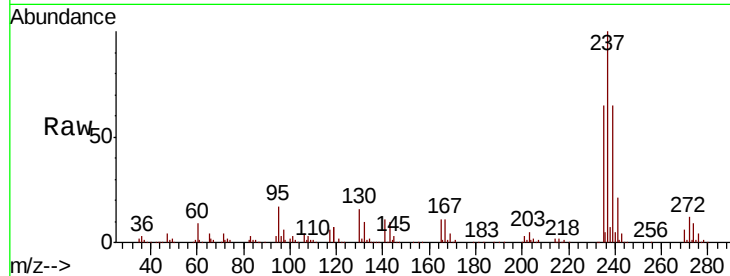
Tot Ion:237 Resp: 309282

Ion Ratio Lower Upper

237 100

235 64.7 43.3 83.3

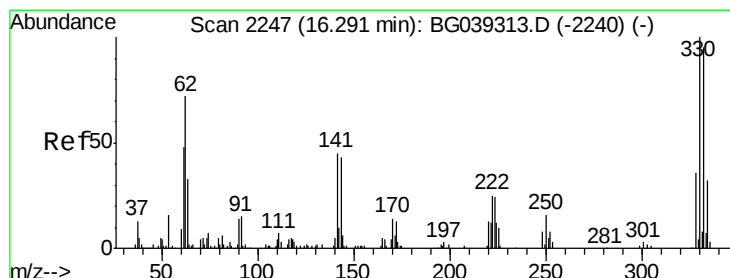
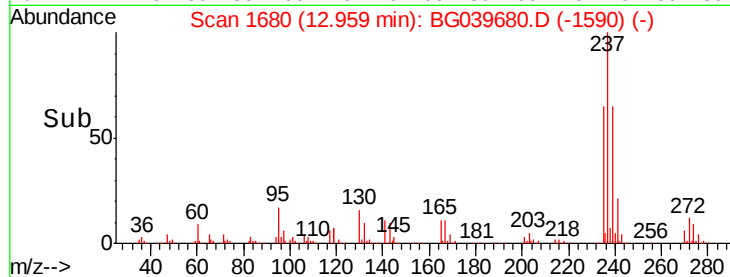
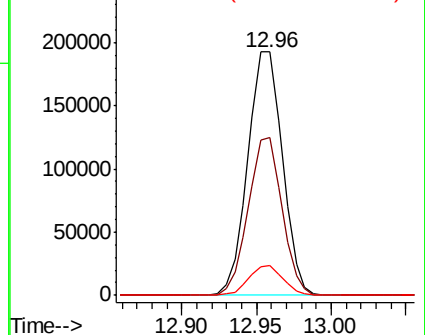
272 12.4 0.0 32.3



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: 176.704 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

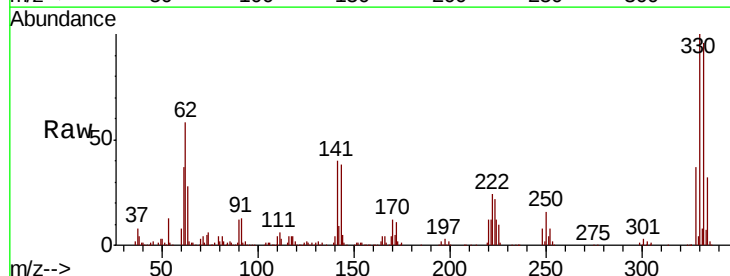
Tgt Ion:330 Resp: 312134

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

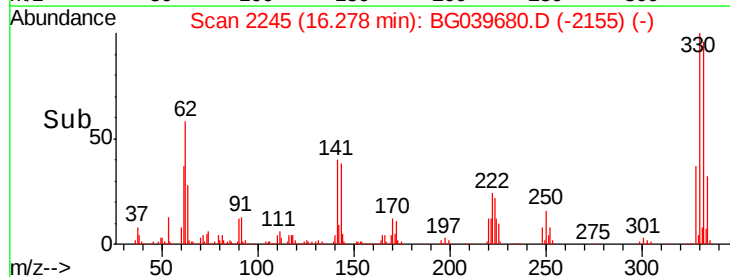
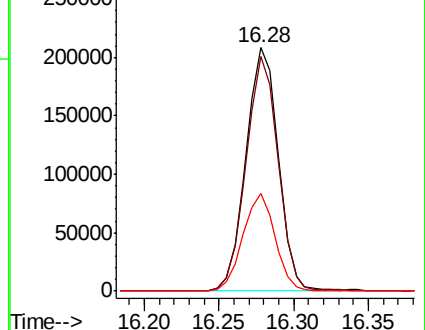
141 40.1 35.6 53.4

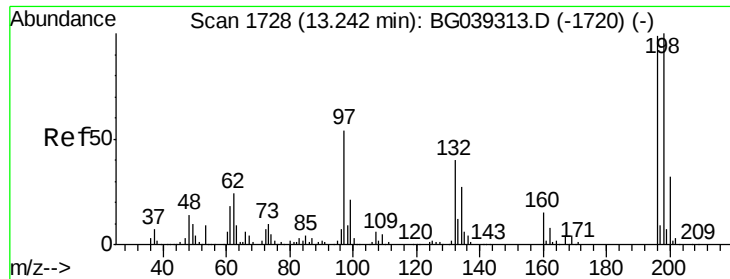


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

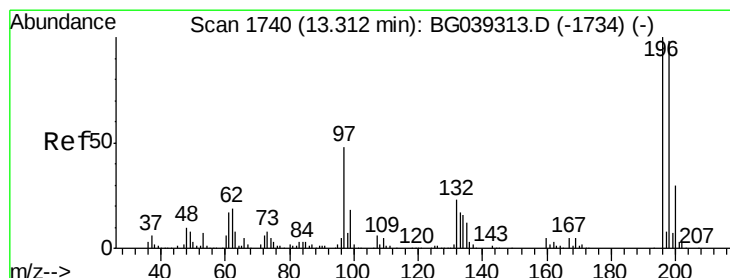
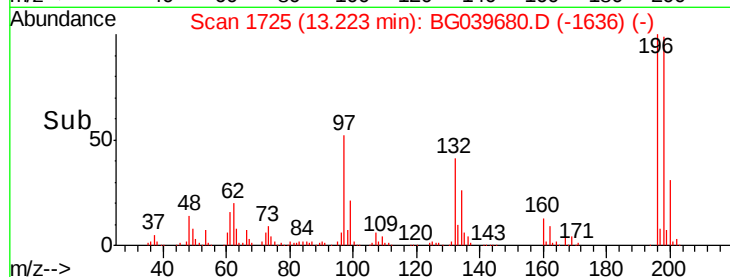
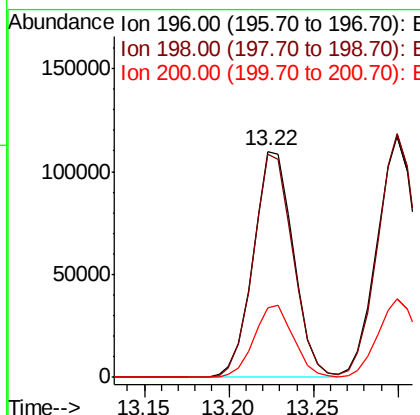
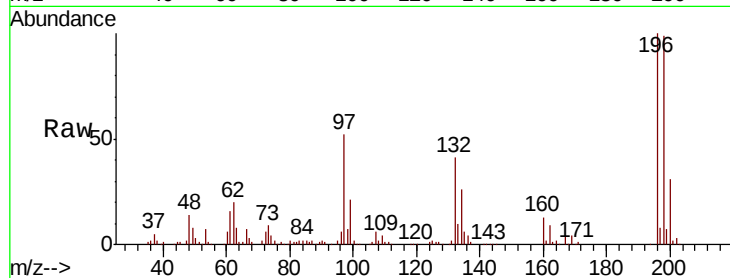




#43
 2,4,6-Trichlorophenol
 Concen: 56.456 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

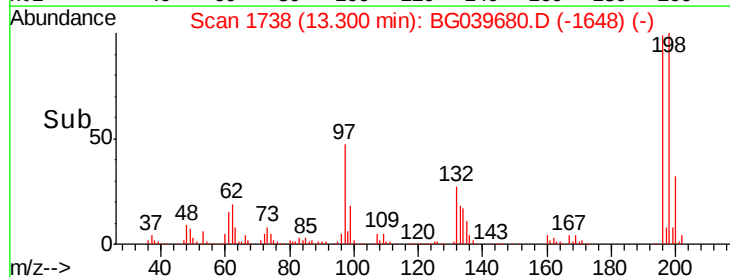
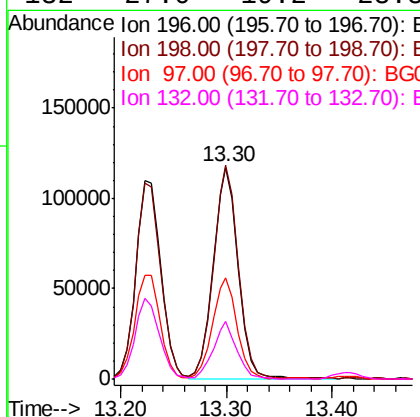
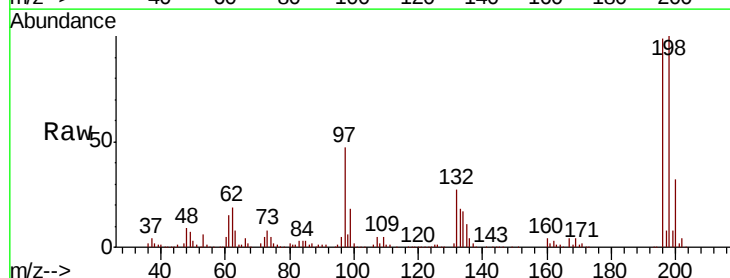
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MSD

Tot Ion:196 Resp: 181170
 Ion Ratio Lower Upper
 196 100
 198 98.8 80.6 121.0
 200 30.6 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 57.114 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Tgt Ion:196 Resp: 192094
 Ion Ratio Lower Upper
 196 100
 198 101.0 78.5 117.7
 97 47.9 38.4 57.6
 132 27.0 19.2 28.8





#45

2-Fluorobiphenyl

Concen: 97.087 ng

RT: 13.42 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

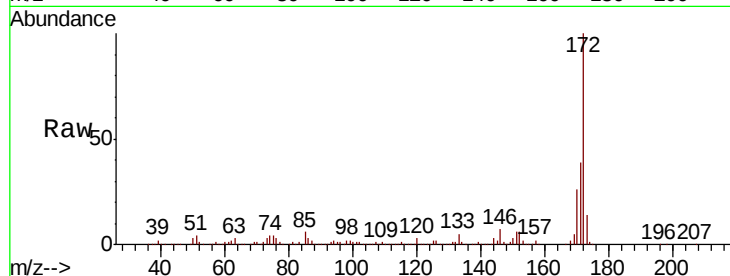
Tot Ion:172 Resp: 1110174

Ion Ratio Lower Upper

172 100

171 38.9 30.8 46.2

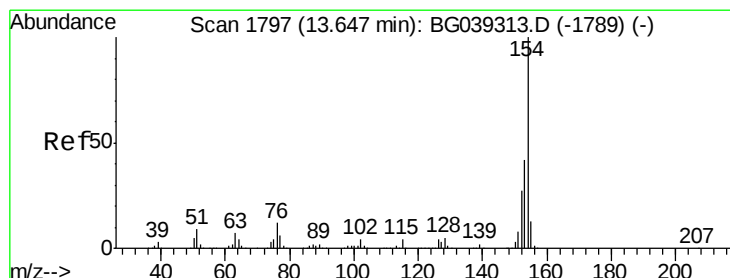
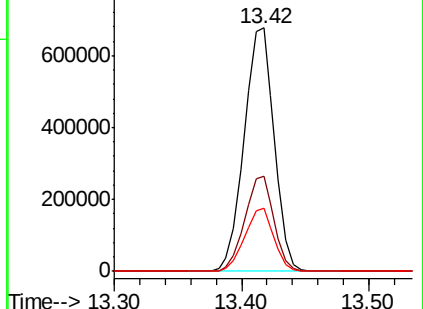
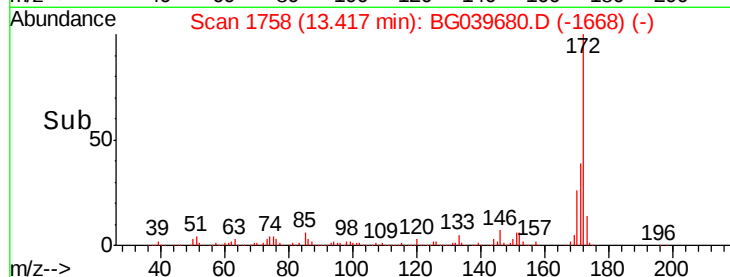
170 26.0 20.2 30.4



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: 45.433 ng

RT: 13.63 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

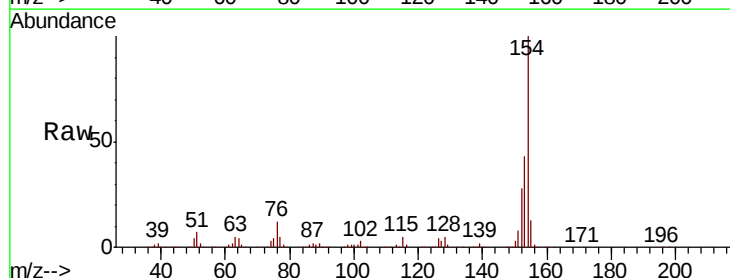
Tgt Ion:154 Resp: 620087

Ion Ratio Lower Upper

154 100

153 42.7 22.1 62.1

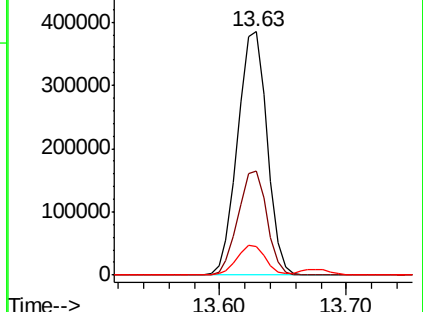
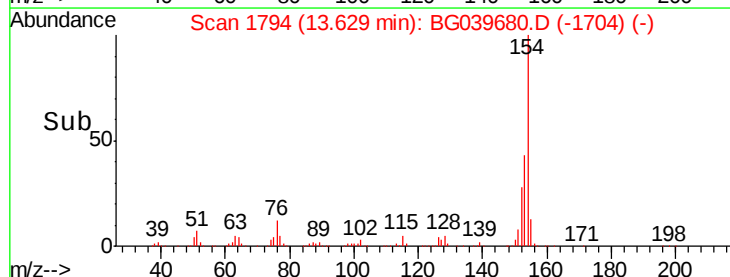
76 11.8 0.0 32.4

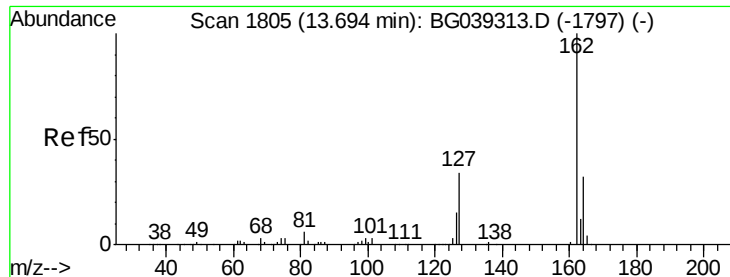


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

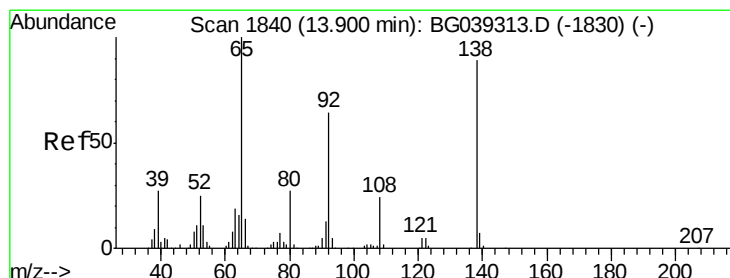
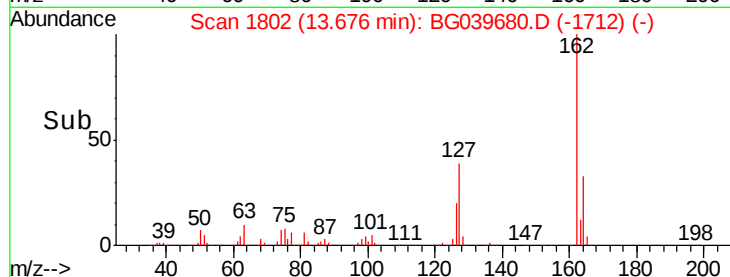
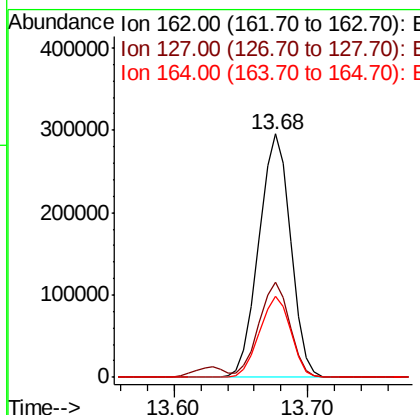
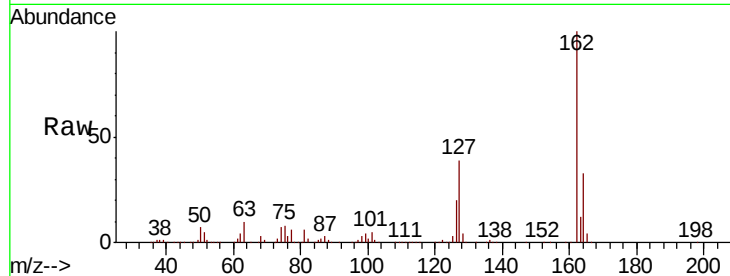




#47
2-Chloronaphthalene
Concen: 47.350 ng
RT: 13.68 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

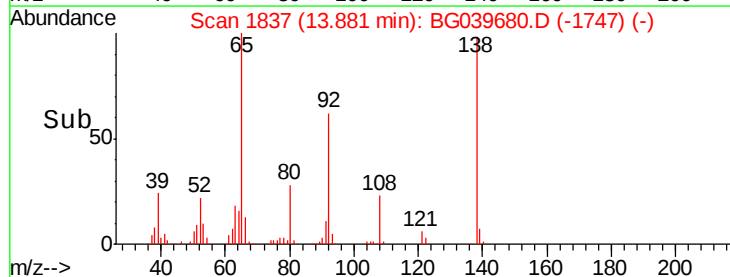
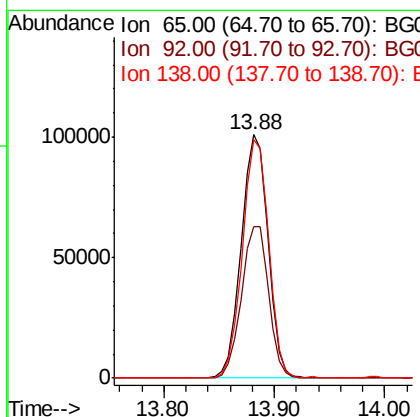
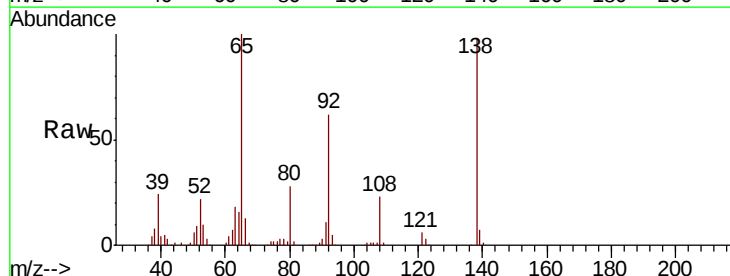
Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

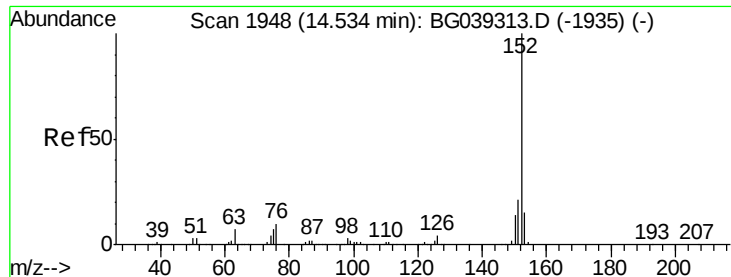
Tot Ion:162 Resp: 486163
Ion Ratio Lower Upper
162 100
127 39.2 31.0 46.6
164 33.2 25.7 38.5



#48
2-Nitroaniline
Concen: 56.764 ng
RT: 13.88 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion: 65 Resp: 172824
Ion Ratio Lower Upper
65 100
92 62.4 51.4 77.2
138 97.9 71.4 107.2





#49

Acenaphthylene

Concen: 49.825 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

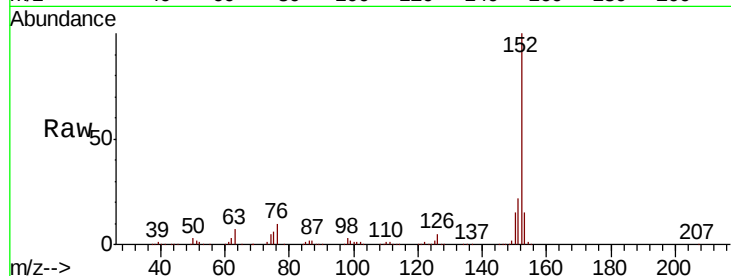
Tot Ion:152 Resp: 771925

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

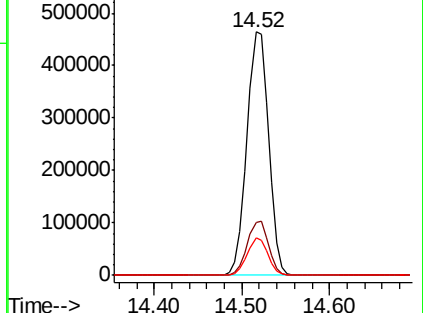
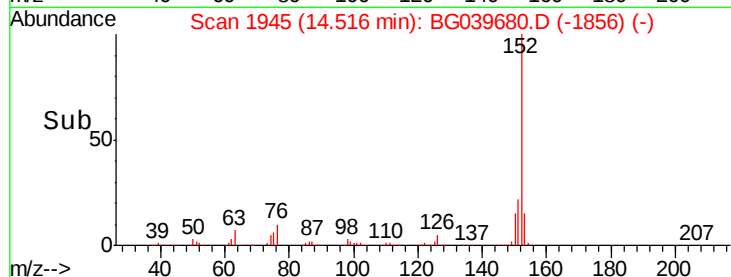
153 15.2 11.7 17.5



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: 47.742 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

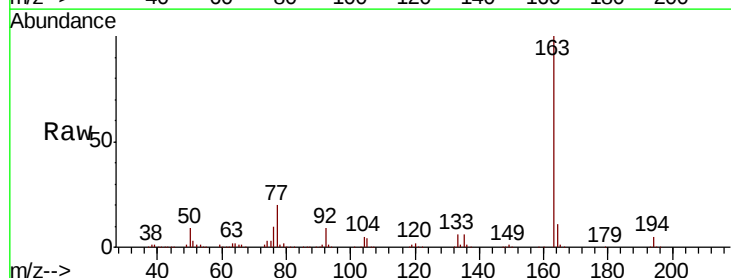
Tgt Ion:163 Resp: 632504

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

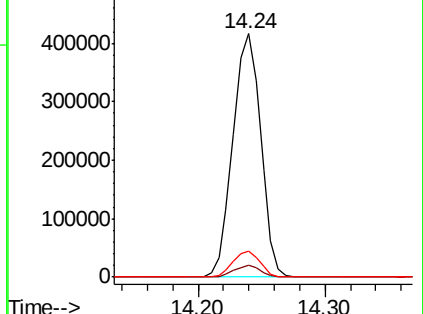
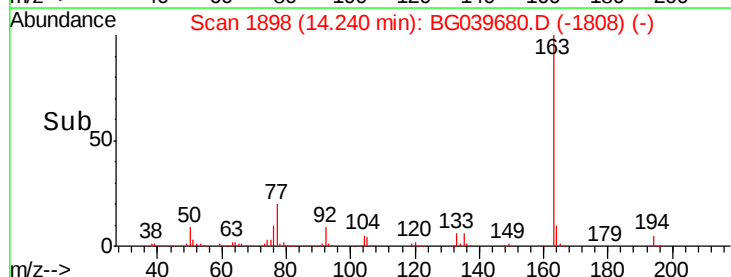
164 10.6 8.4 12.6



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

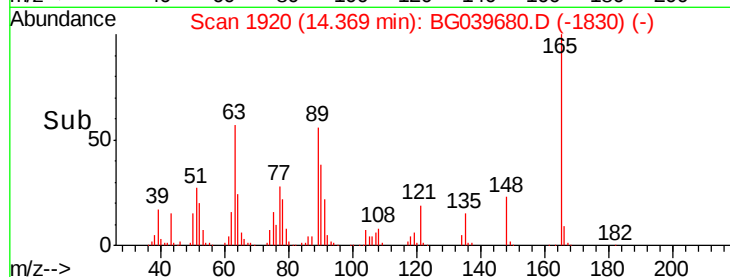
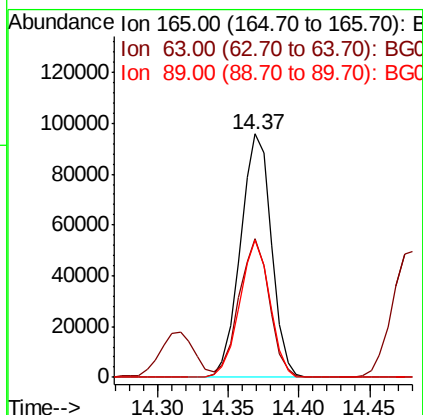
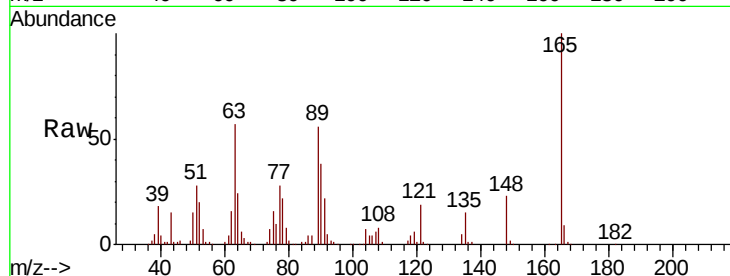




#51
2,6-Dinitrotoluene
Concen: 57.754 ng
RT: 14.37 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

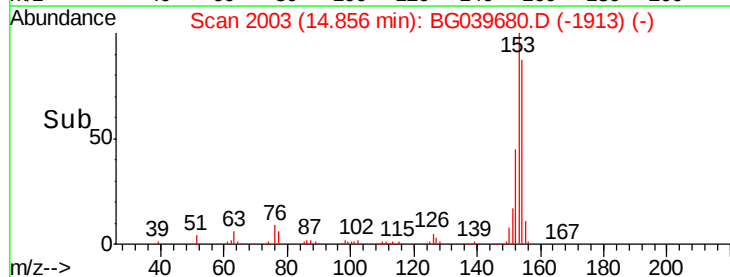
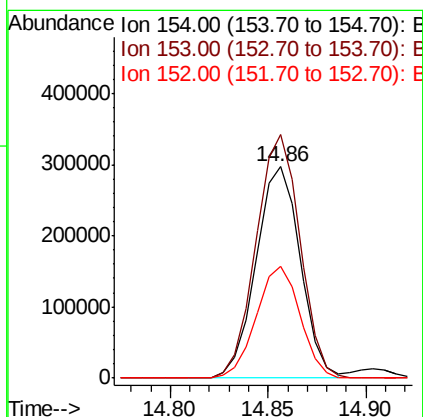
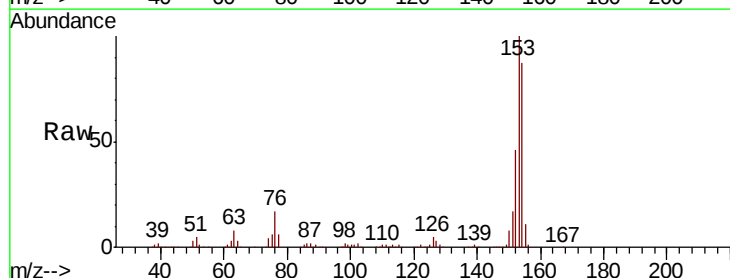
Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

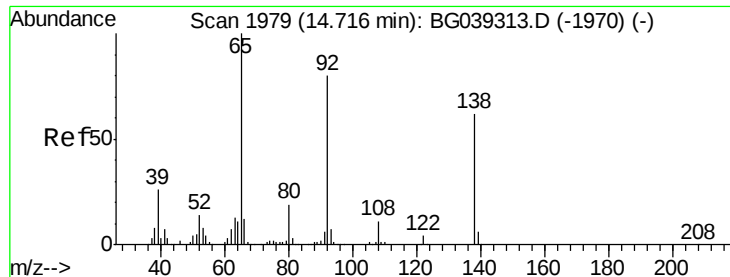
Tot Ion:165 Resp: 146826
Ion Ratio Lower Upper
165 100
63 57.1 47.0 70.6
89 56.5 45.8 68.8



#52
Acenaphthene
Concen: 46.190 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:154 Resp: 464518
Ion Ratio Lower Upper
154 100
153 115.2 90.1 135.1
152 52.7 40.9 61.3





#53

3-Nitroaniline

Concen: 22.858 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

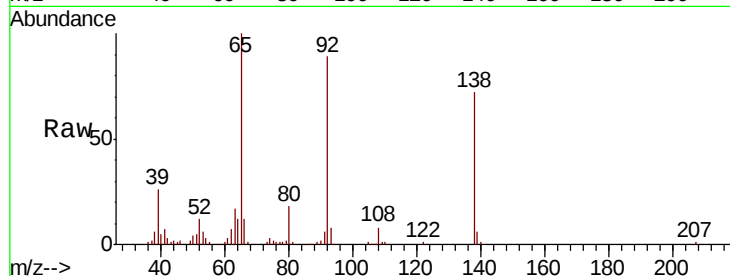
Tot Ion:138 Resp: 51850

Ion Ratio Lower Upper

138 100

108 11.2 13.8 20.8#

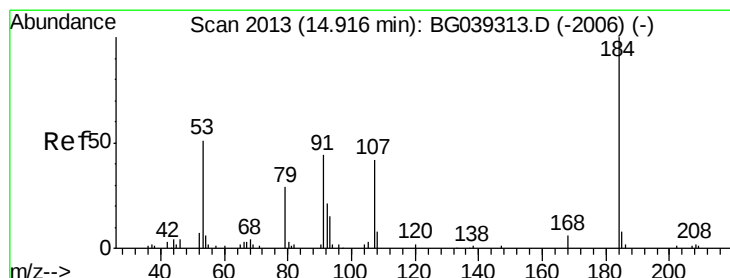
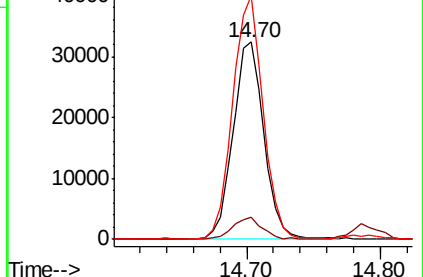
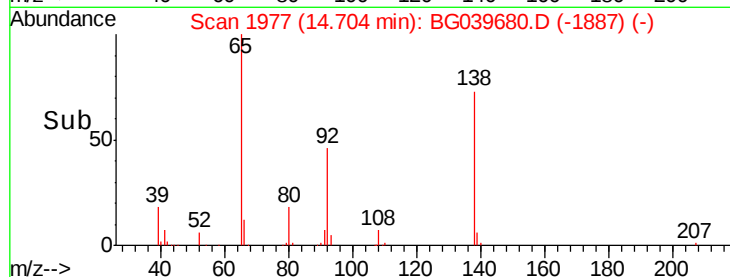
92 123.3 103.7 155.5



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: 39.744 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

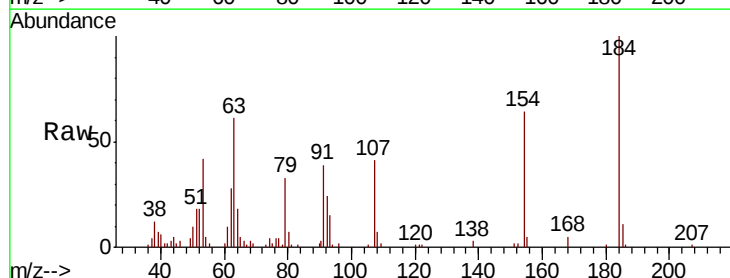
Tgt Ion:184 Resp: 32516

Ion Ratio Lower Upper

184 100

63 60.5 50.9 76.3

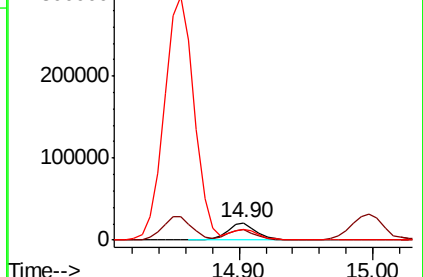
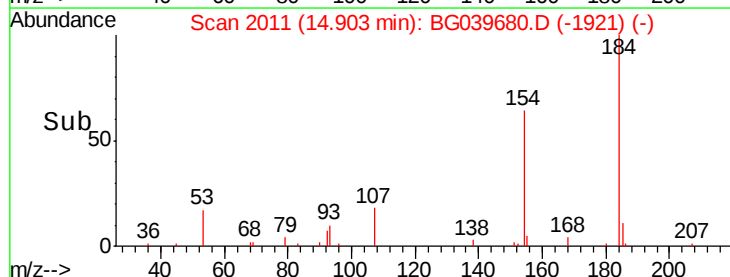
154 64.2 53.0 79.6



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: 47.372 ng

RT: 15.19 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

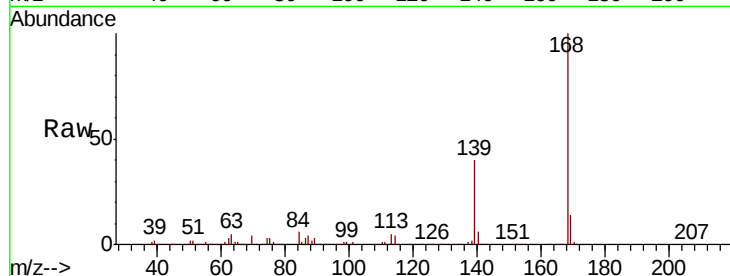
Tot Ion:168 Resp: 763831

Ion Ratio Lower Upper

168 100

139 39.5 30.1 45.1

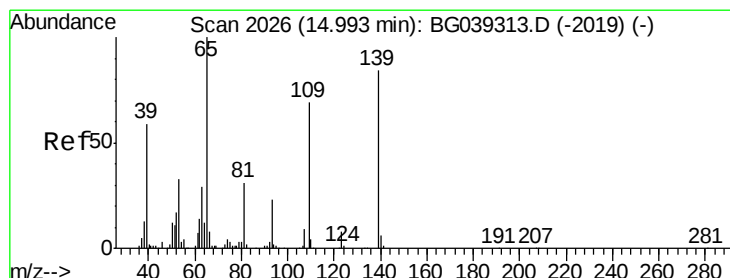
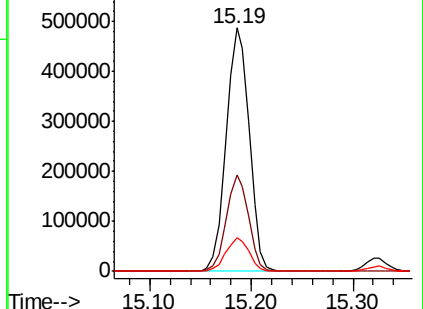
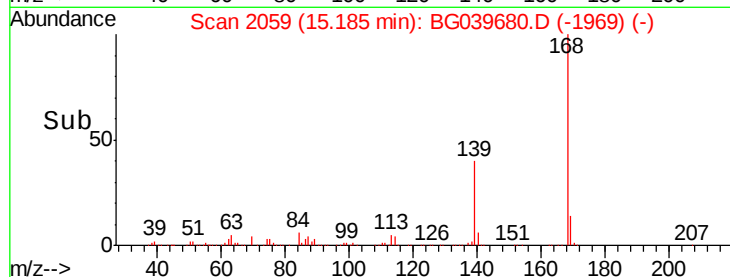
169 14.0 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.513 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

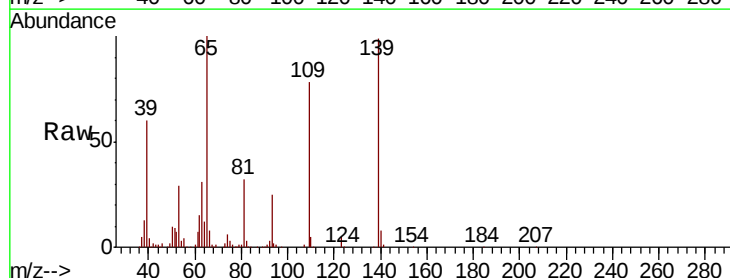
Tgt Ion:139 Resp: 180048

Ion Ratio Lower Upper

139 100

109 78.8 61.9 101.9

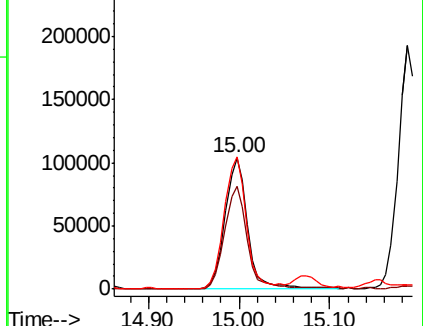
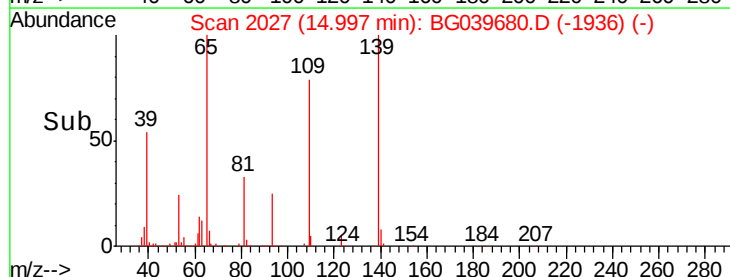
65 101.0 99.1 139.1



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): BG

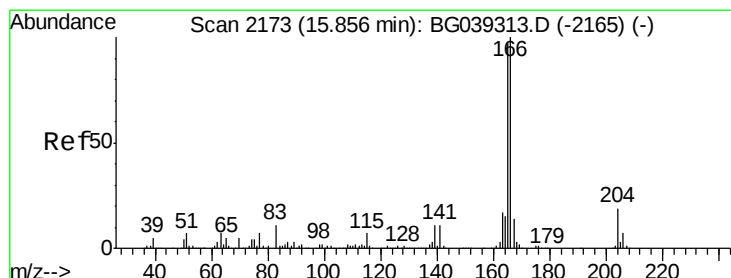
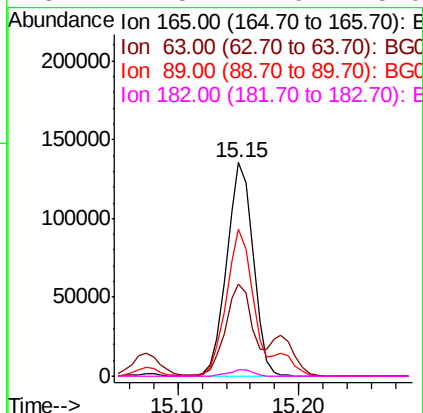
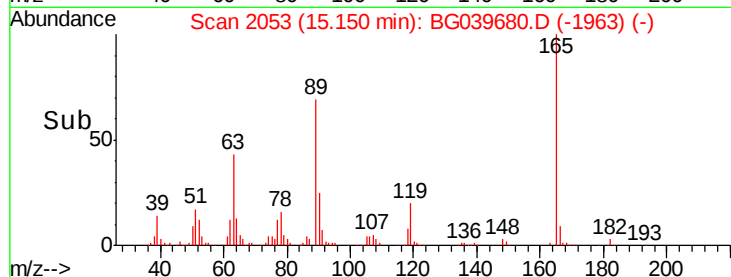
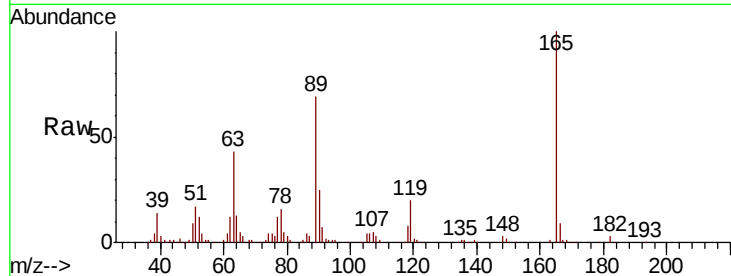




#57
2,4-Dinitrotoluene
Concen: 62.275 ng
RT: 15.15 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

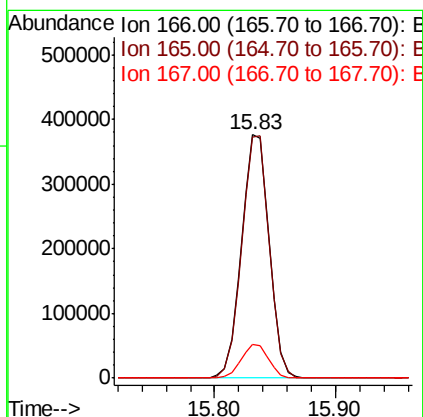
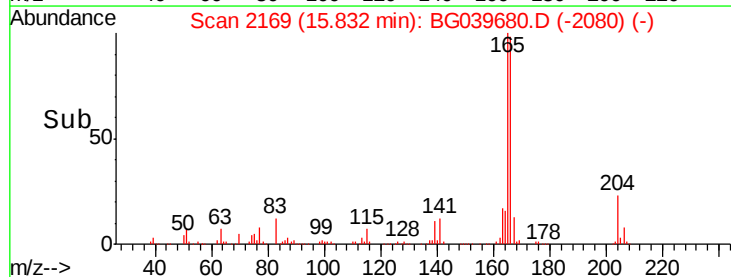
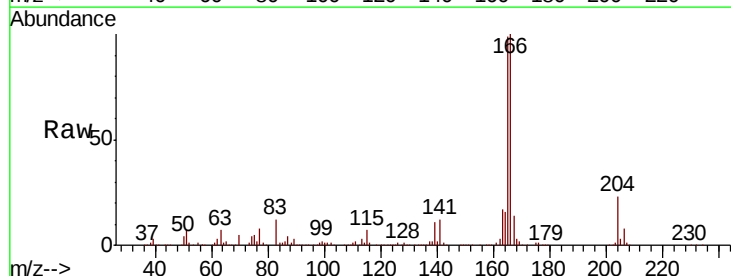
Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

Tot Ion:165 Resp: 206335
Ion Ratio Lower Upper
165 100
63 43.2 41.0 61.6
89 69.0 64.6 96.8
182 2.8 2.0 3.0



#58
Fluorene
Concen: 49.967 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:166 Resp: 600596
Ion Ratio Lower Upper
166 100
165 99.2 77.9 116.9
167 14.1 10.8 16.2

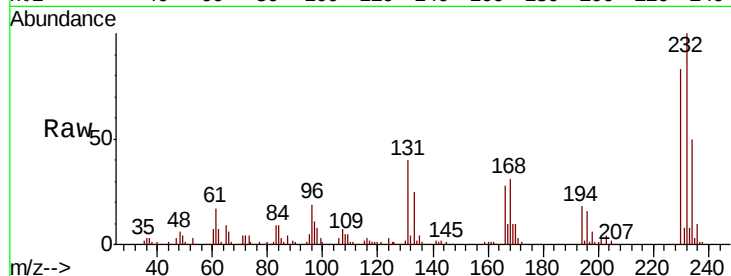




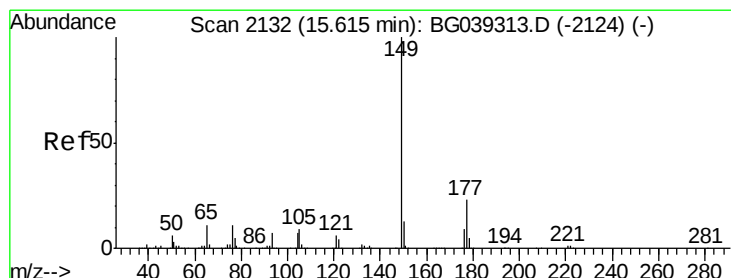
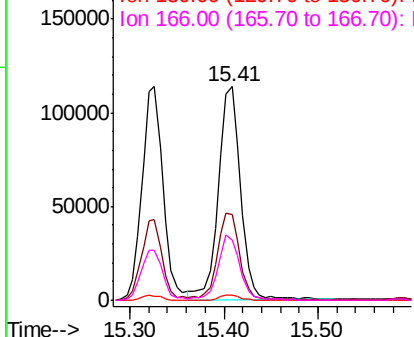
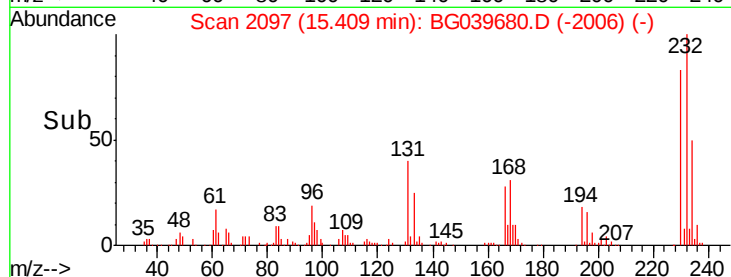
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.649 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. 0.01 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MSD

Tot Ion:	232	Resp:	187845
Ion	Ratio	Lower	Upper
232	100		
131	40.6	34.9	52.3
130	2.2	2.0	3.0
166	29.4	24.1	36.1

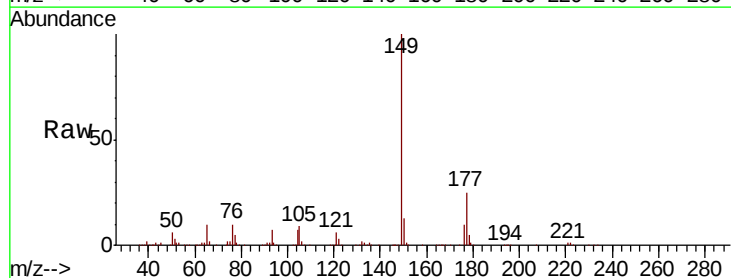


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

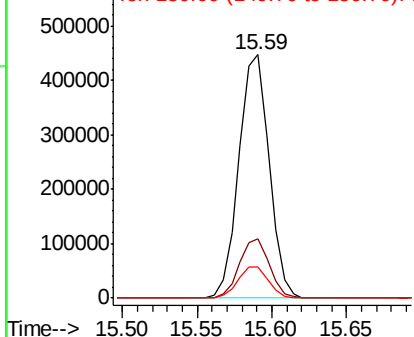
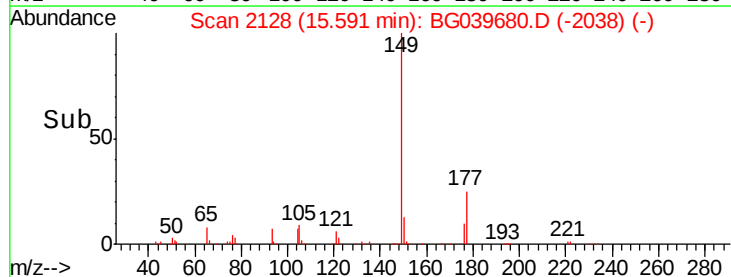


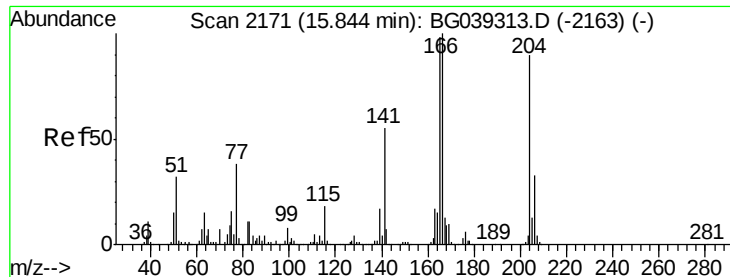
#60
 Diethylphthalate
 Concen: 45.923 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Tgt Ion:	149	Resp:	629044
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	13.0	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

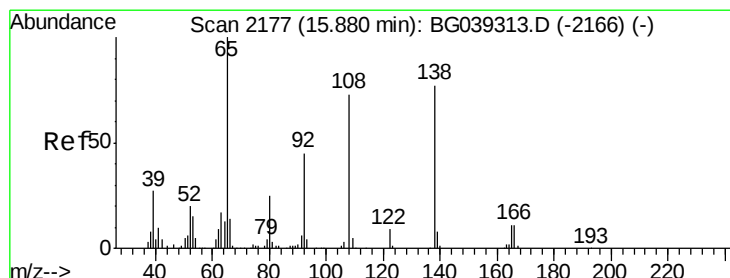
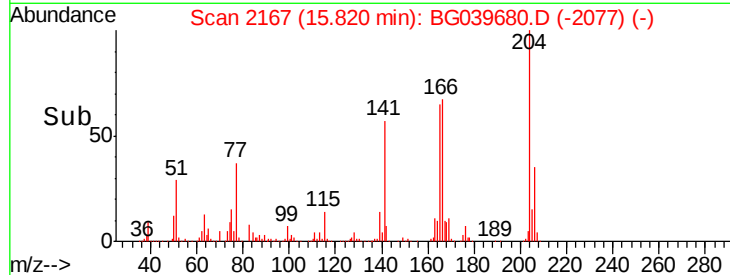
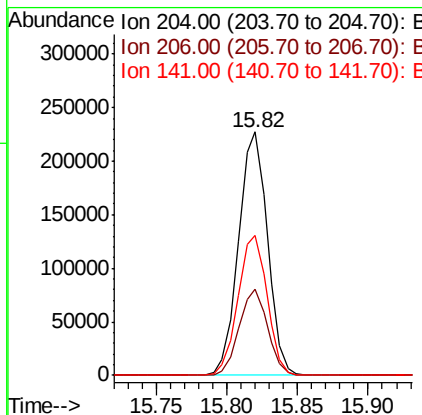
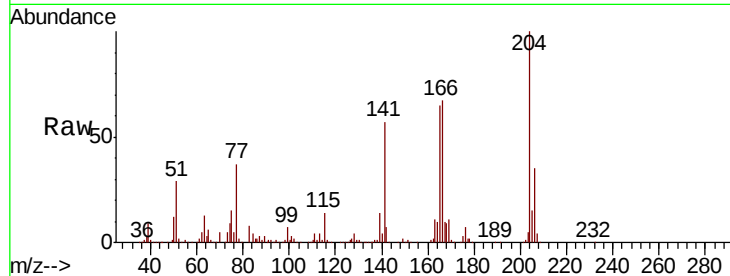




#61
 4-Chlorophenyl-phenylether
 Concen: 47.618 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

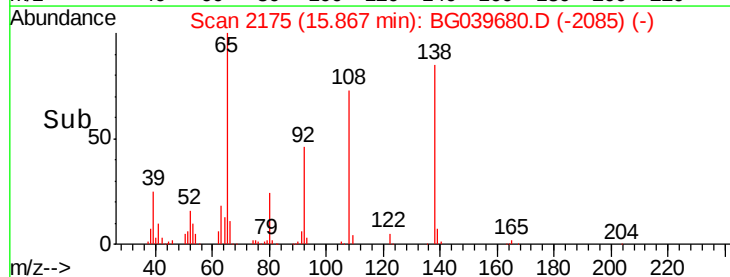
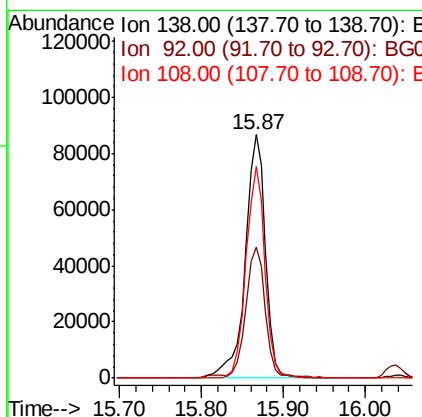
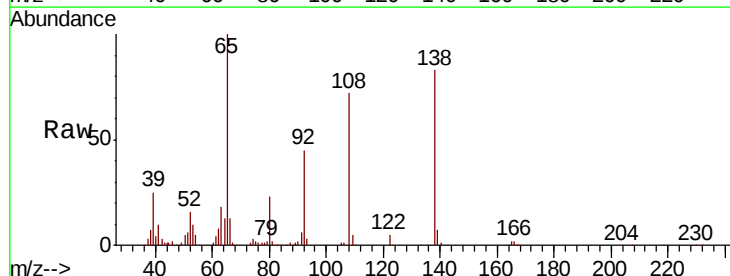
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MSD

Tot Ion:	204	Resp:	324087
Ion Ratio	Lower	Upper	
204	100		
206	35.3	29.2	43.8
141	57.3	49.0	73.4



#62
 4-Nitroaniline
 Concen: 52.992 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Tgt Ion:	138	Resp:	148553
Ion Ratio	Lower	Upper	
138	100		
92	54.0	38.7	78.7
108	86.7	74.6	114.6





#63

Azobenzene

Concen: 42.530 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

Tot Ion: 77 Resp: 569403

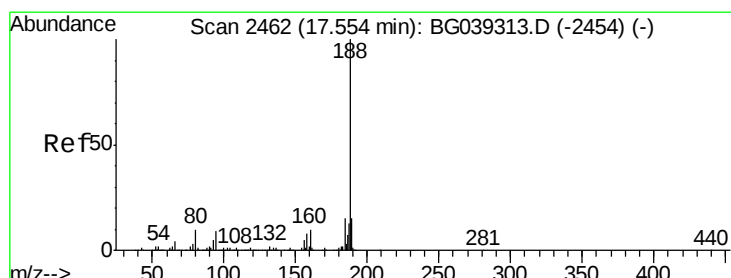
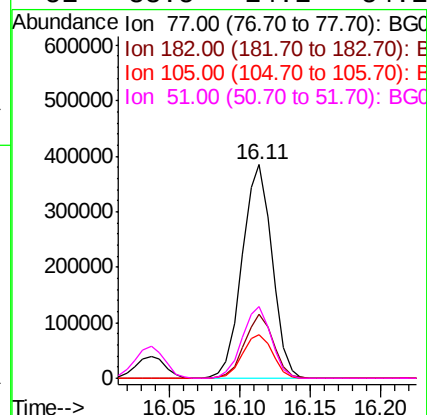
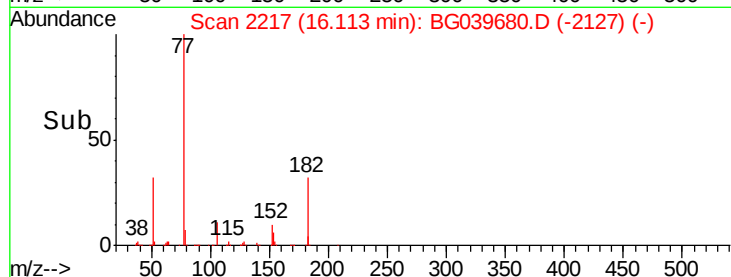
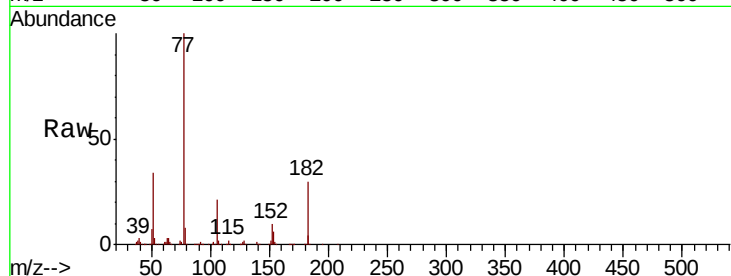
Ion Ratio Lower Upper

77 100

182 29.9 6.4 46.4

105 20.5 0.0 39.8

51 33.5 14.1 54.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

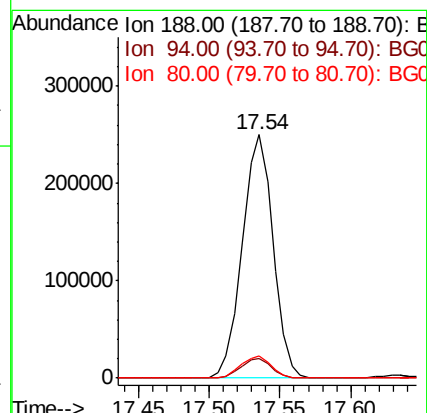
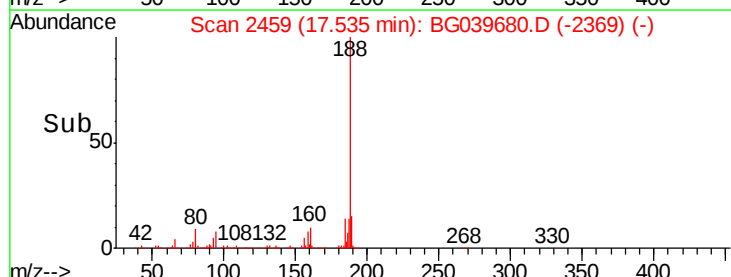
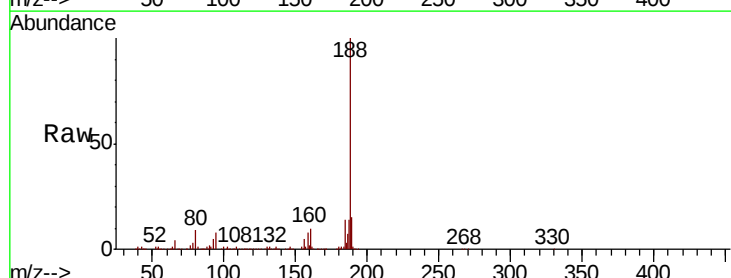
Tgt Ion: 188 Resp: 381054

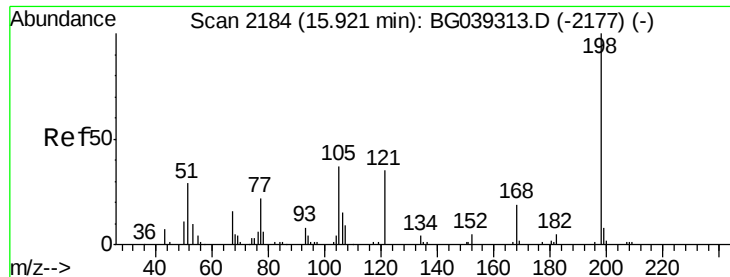
Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

80 8.8 8.1 12.1

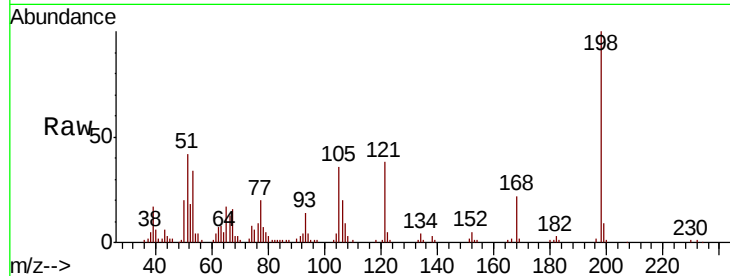




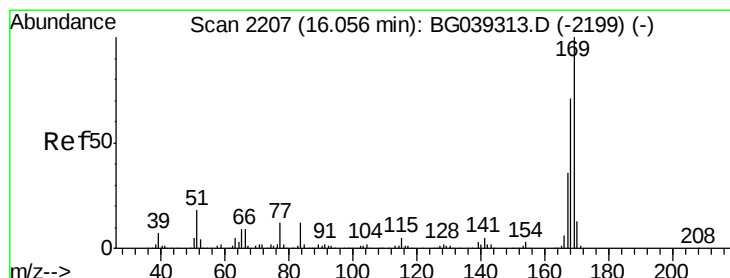
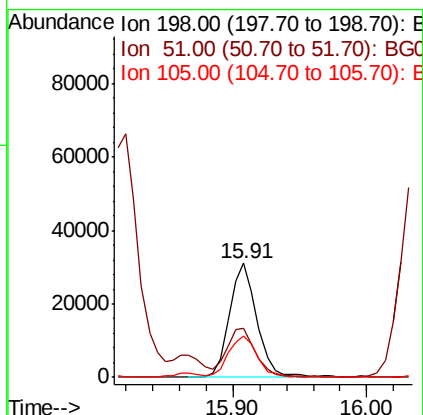
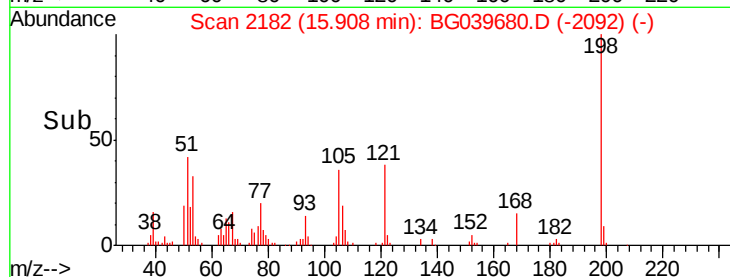
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.063 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MSD

Tot Ion	198	Resp	44655
Ion Ratio	100	Lower	Upper
51	42.5	27.4	67.4
105	36.0	19.7	59.7

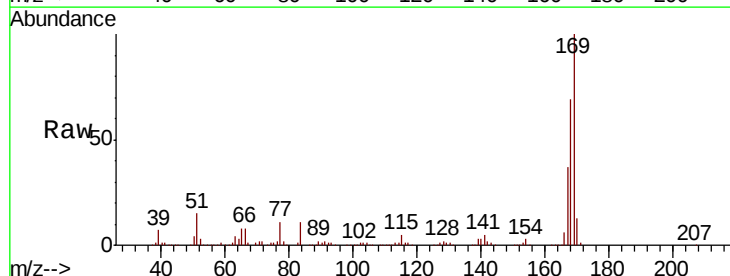


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

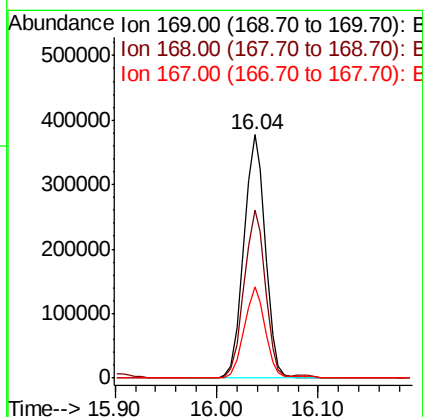
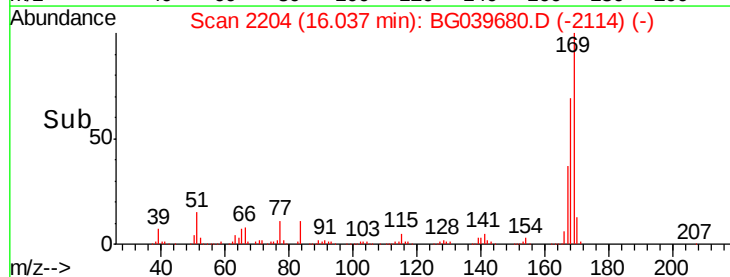


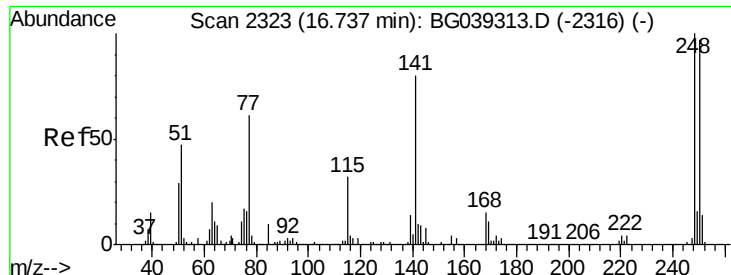
#66
 n-Nitrosodiphenylamine
 Concen: 47.511 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Tgt Ion	169	Resp	550493
Ion Ratio	100	Lower	Upper
168	68.9	56.6	85.0
167	37.5	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

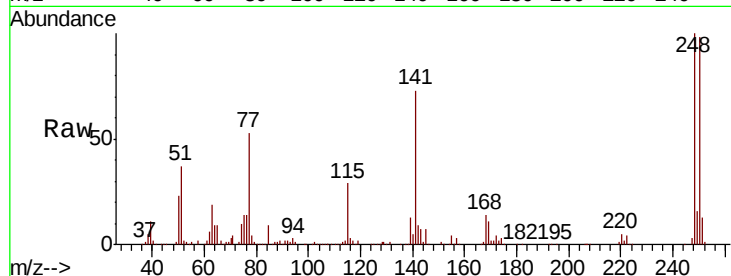




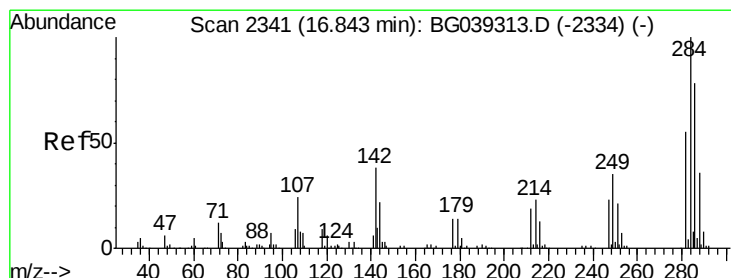
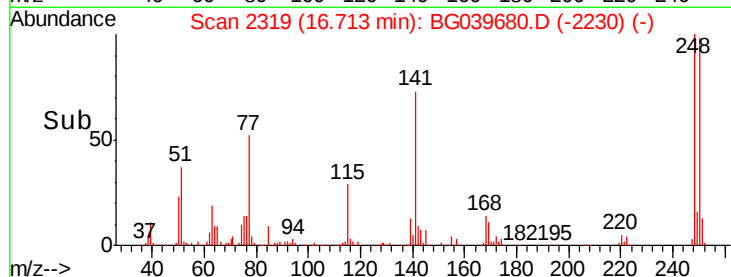
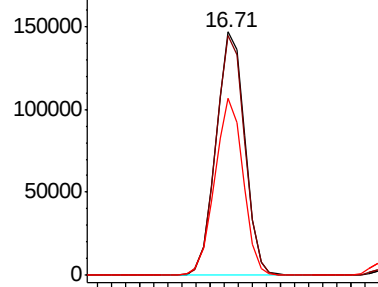
#67
4-Bromophenyl-phenylether
Concen: 49.561 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

Tot Ion:248 Resp: 209512
Ion Ratio Lower Upper
248 100
250 98.4 77.6 116.4
141 72.7 63.9 95.9

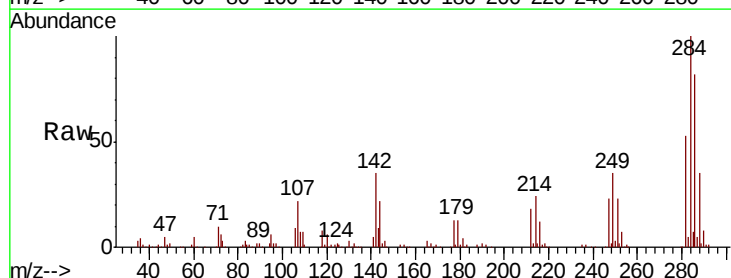


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

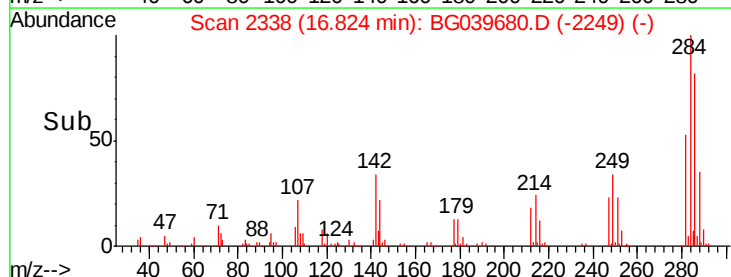
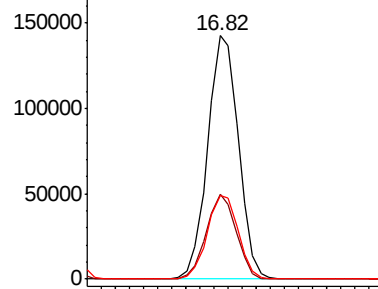


#68
Hexachlorobenzene
Concen: 50.932 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:284 Resp: 216019
Ion Ratio Lower Upper
284 100
142 34.8 30.6 45.8
249 34.5 28.2 42.2



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





#69

Atrazine

Concen: 48.011 ng

RT: 16.98 min Scan# 2364

Delta R.T. 0.01 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

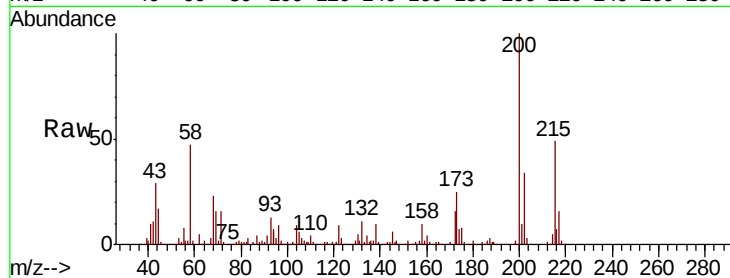
Tot Ion:200 Resp: 203290

Ion Ratio Lower Upper

200 100

173 24.7 3.9 43.9

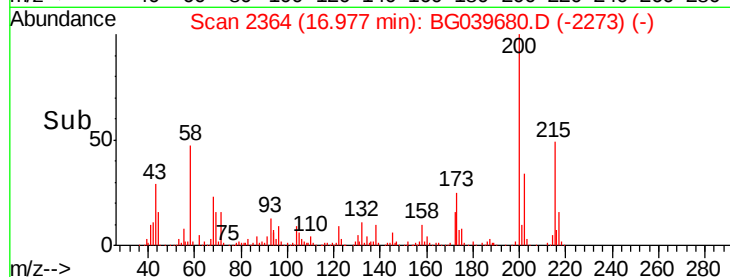
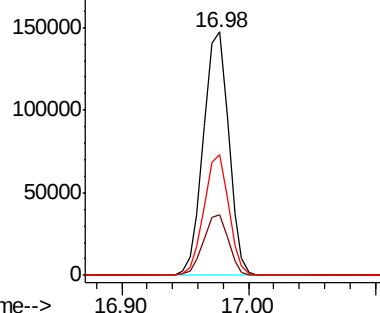
215 49.3 30.9 70.9



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: 55.664 ng

RT: 17.18 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

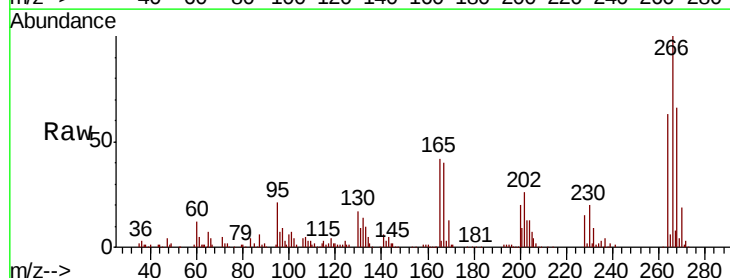
Tgt Ion:266 Resp: 164086

Ion Ratio Lower Upper

266 100

268 66.2 51.1 76.7

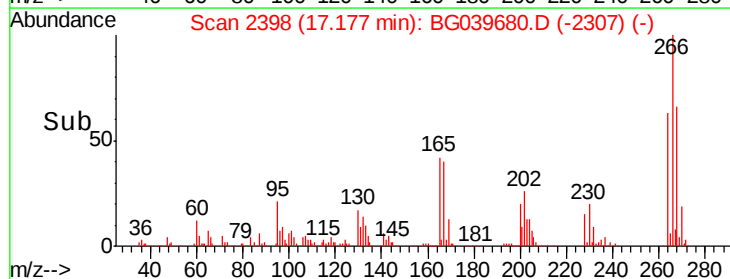
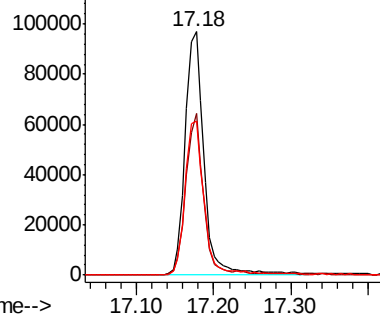
264 63.3 52.1 78.1



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

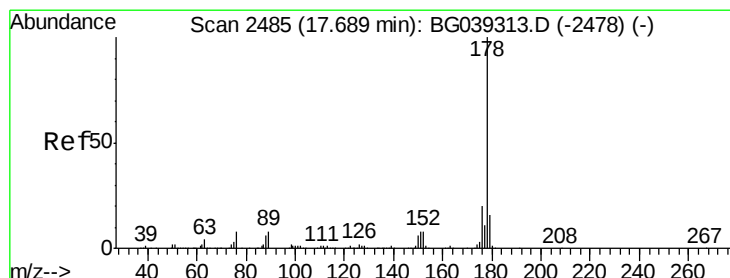
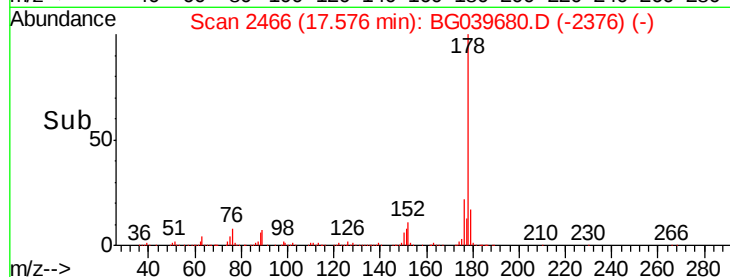
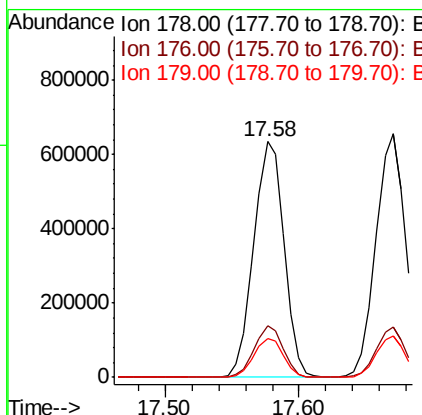
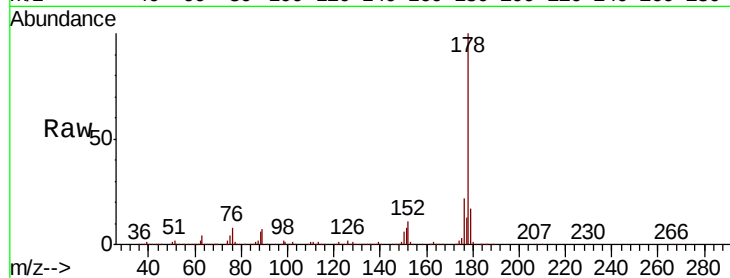




#71
Phenanthrene
Concen: 50.249 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

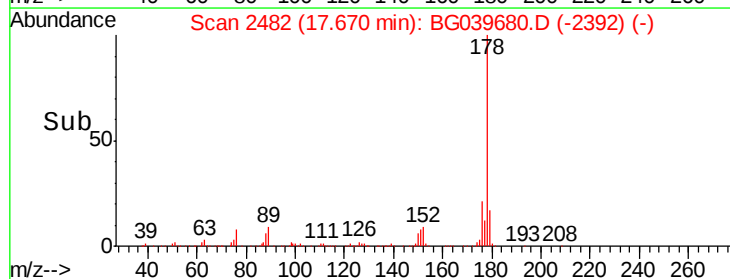
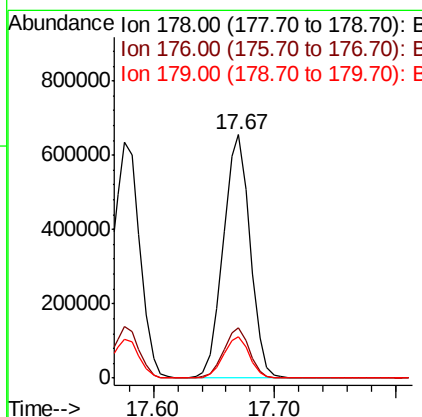
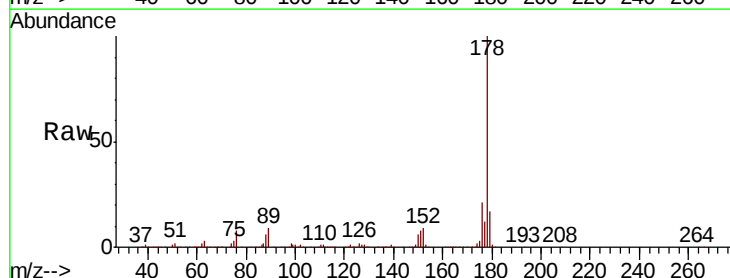
Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

Tot Ion:178 Resp: 991013
Ion Ratio Lower Upper
178 100
176 21.7 16.2 24.4
179 16.7 12.6 19.0



#72
Anthracene
Concen: 51.692 ng
RT: 17.67 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:178 Resp: 1004200
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.6
179 16.8 12.5 18.7

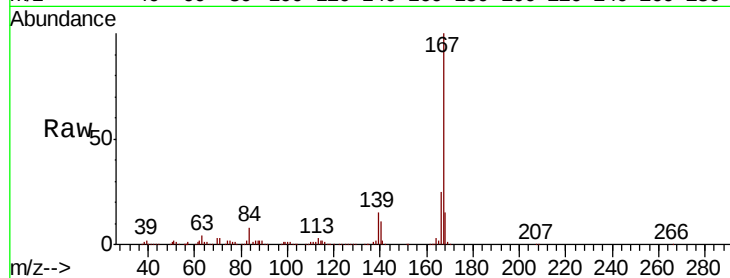




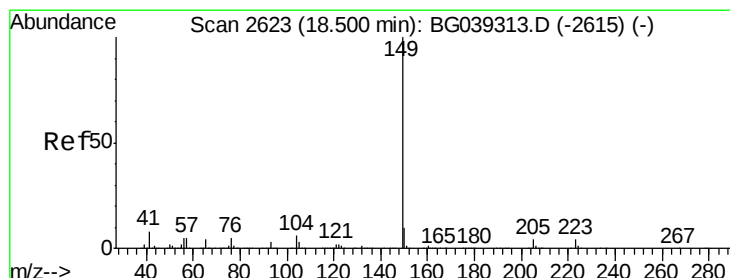
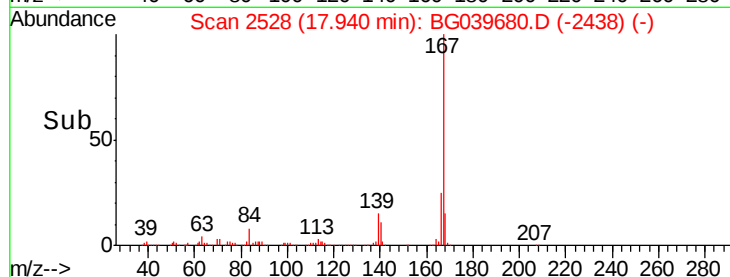
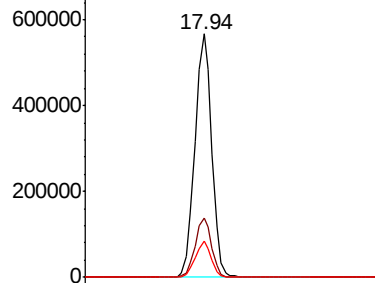
#73
 Carbazole
 Concen: 46.112 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719MSD

Tot Ion:167 Resp: 893994
 Ion Ratio Lower Upper
 167 100
 166 24.6 19.4 29.2
 139 14.7 10.8 16.2

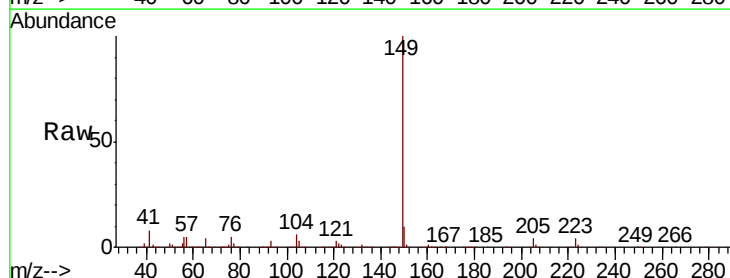


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

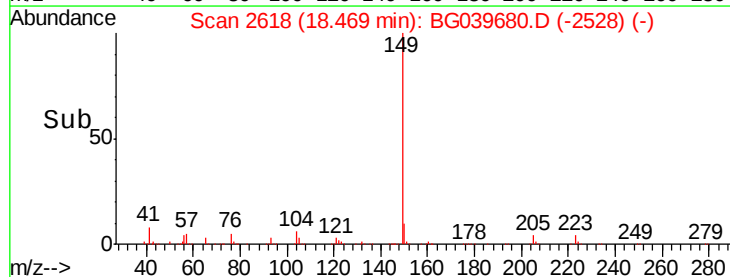
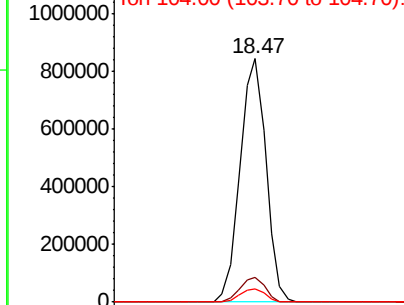


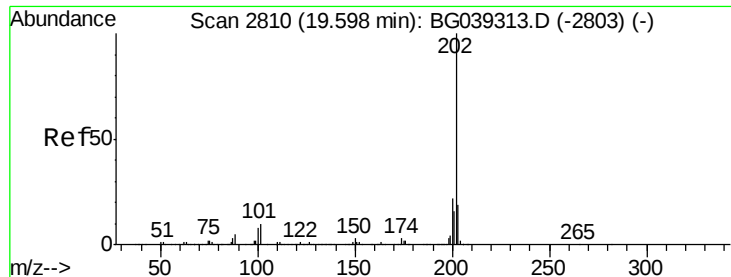
#74
 Di-n-butylphthalate
 Concen: 47.895 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. 0.00 min
 Lab File: BG039680.D
 Acq: 1 Mar 2019 4:54

Tgt Ion:149 Resp: 1083276
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 5.7 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.370 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

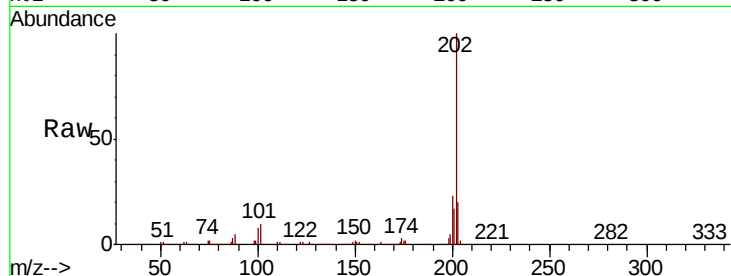
Tot Ion:202 Resp: 1175934

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.0

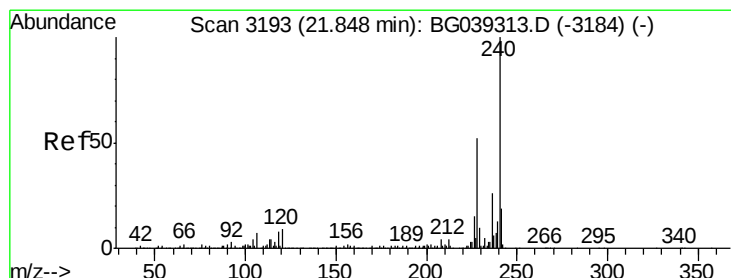
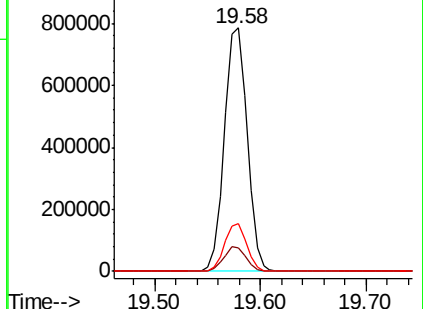
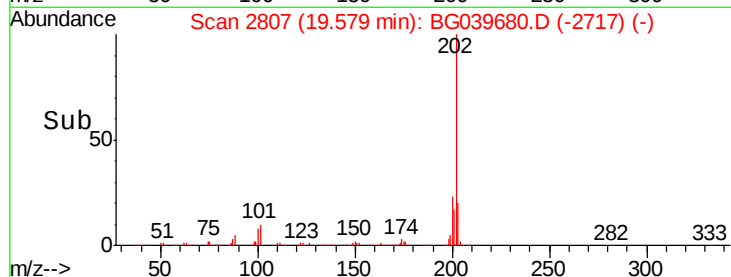
203 19.6 0.0 38.9



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. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

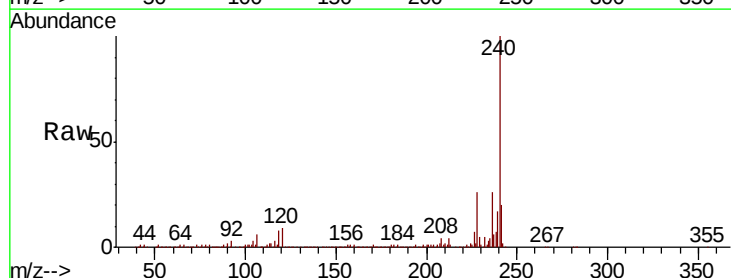
Tgt Ion:240 Resp: 384537

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

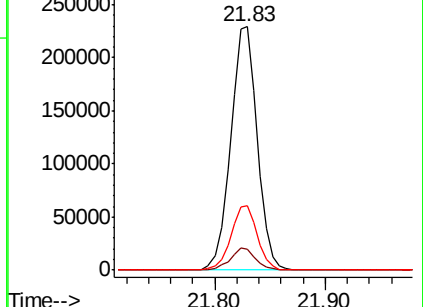
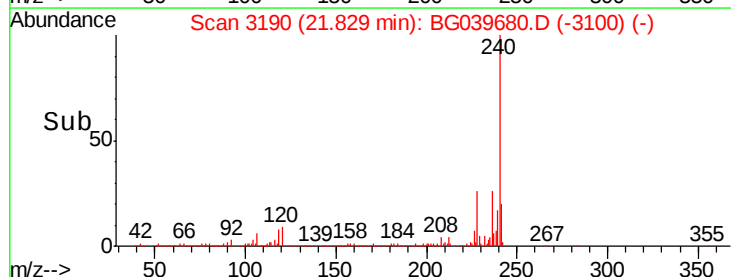
236 26.3 21.0 31.4

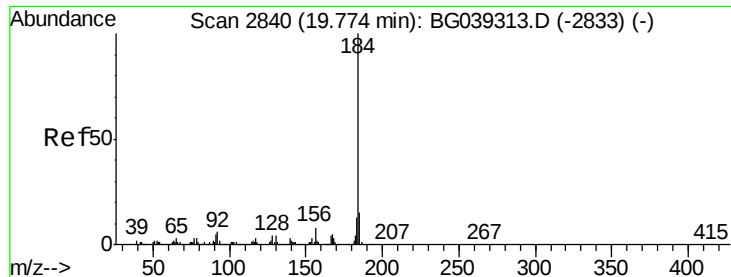


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.559 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

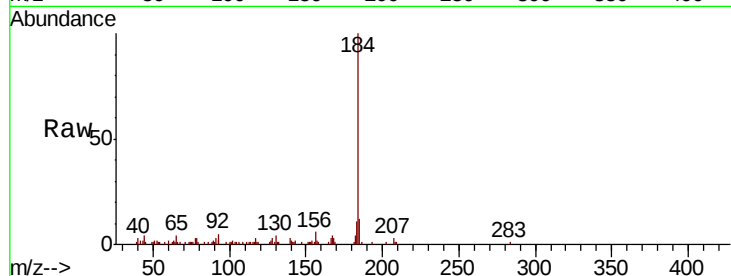
Tot Ion:184 Resp: 70082

Ion Ratio Lower Upper

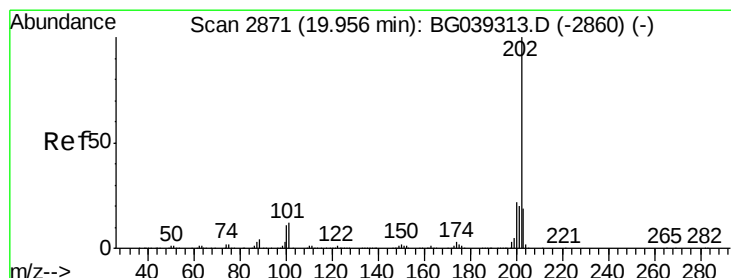
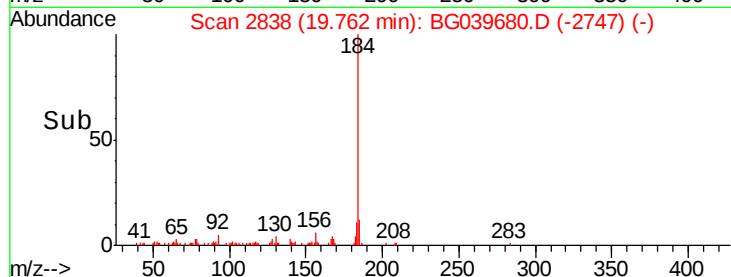
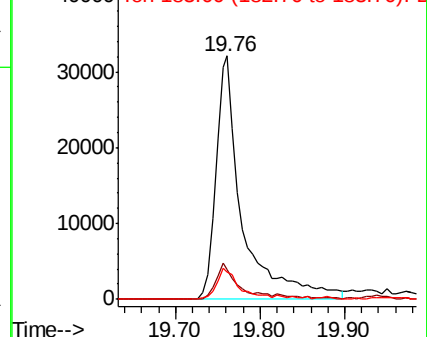
184 100

185 12.2 12.2 18.2

183 11.4 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: 49.451 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

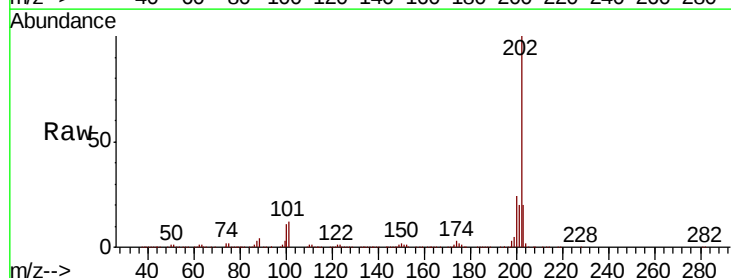
Tgt Ion:202 Resp: 1183786

Ion Ratio Lower Upper

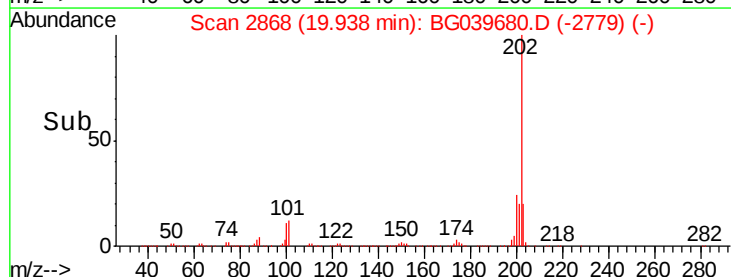
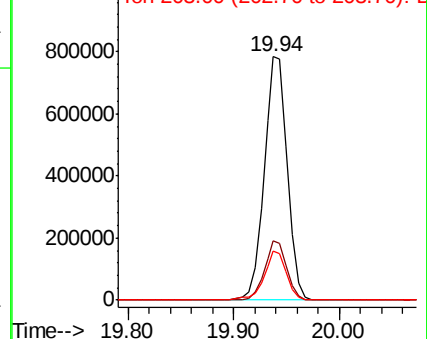
202 100

200 24.1 17.8 26.8

203 20.0 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: 93.543 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

Tot Ion:244 Resp: 1699395

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.3	10.9
122	10.1	8.4	12.6

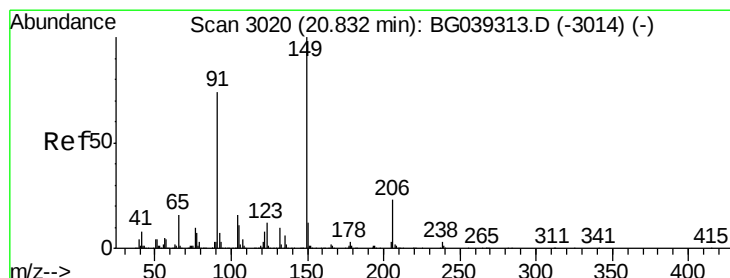
Abundance

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

Time-->



#80

Butylbenzylphthalate

Concen: 51.418 ng

RT: 20.81 min Scan# 3016

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Tgt Ion:149 Resp: 519229

Ion	Ratio	Lower	Upper
149	100		
91	67.9	59.5	89.3
206	25.1	18.6	27.8

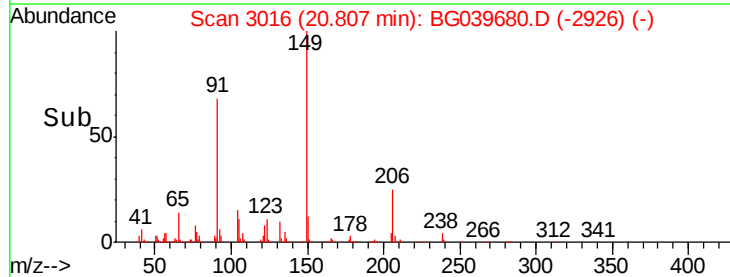
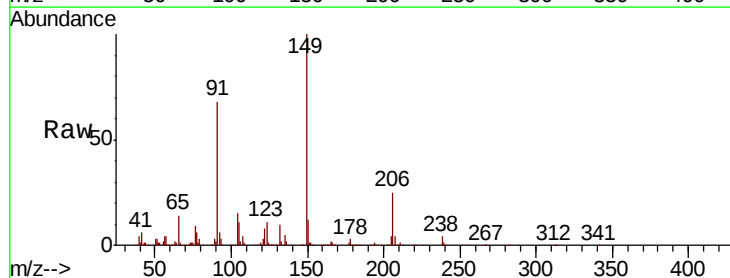
Abundance

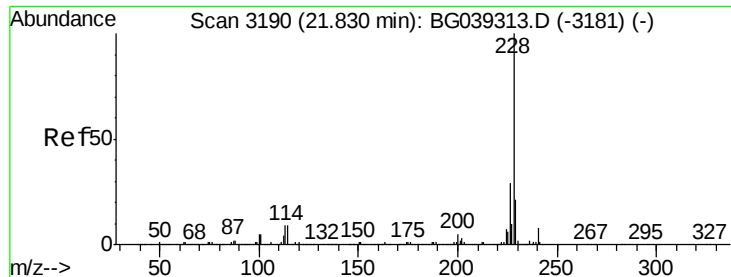
Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

Time-->





#81

Benzo(a)anthracene

Concen: 51.863 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

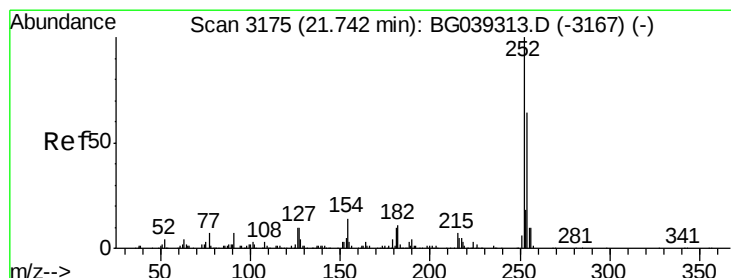
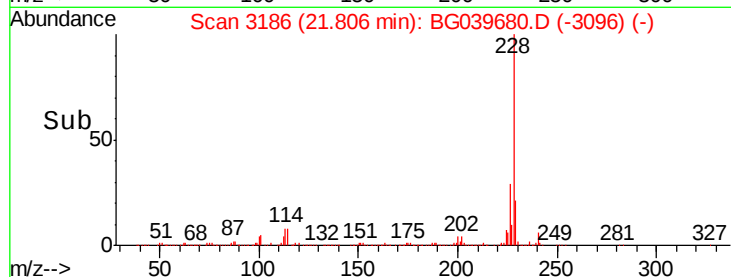
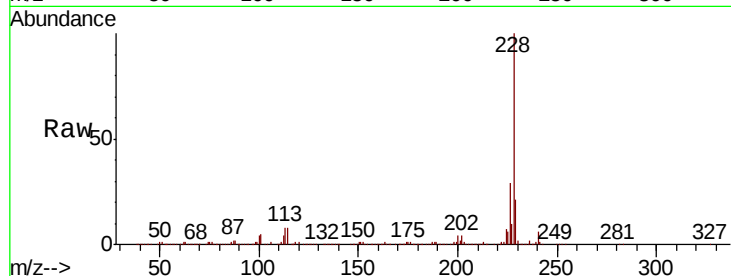
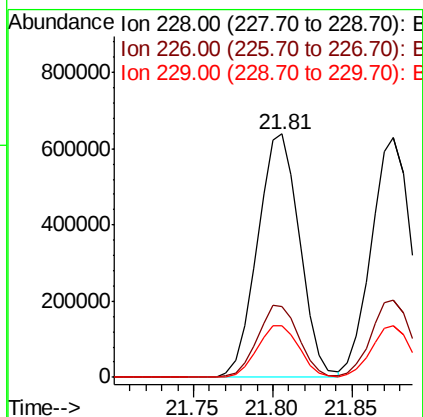
BNA_G

ClientSampleId :

BU-03-022719MSD

Tot Ion:228 Resp: 1178422

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	21.1	16.9	25.3



#82

3,3'-Dichlorobenzidine

Concen: 20.048 ng

RT: 21.71 min Scan# 3170

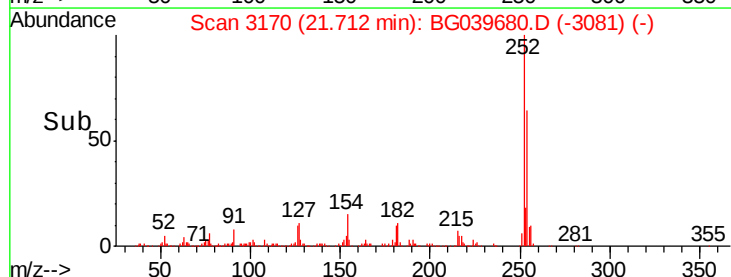
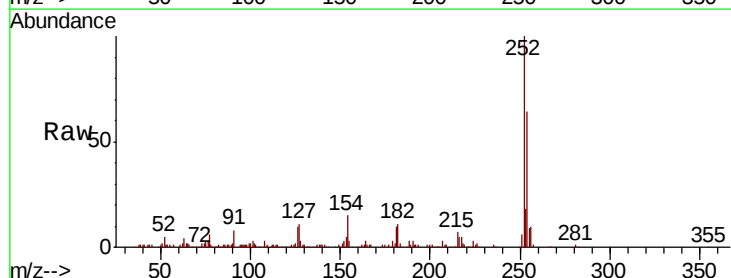
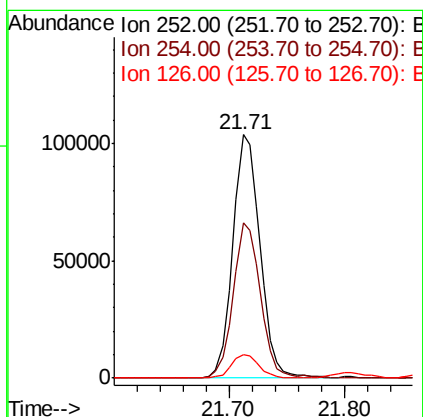
Delta R.T. -0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Tgt Ion:252 Resp: 168912

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	9.8	8.0	12.0





#83

Chrysene

Concen: 50.843 ng

RT: 21.88 min Scan# 3198

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

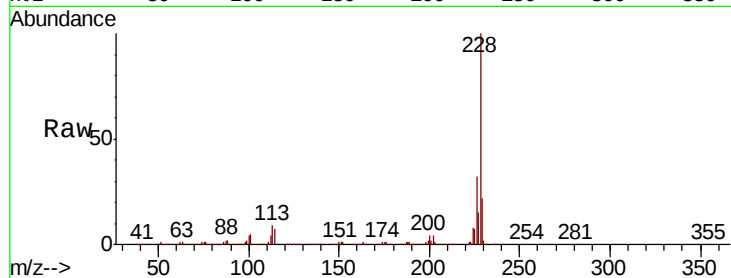
BNA_G

ClientSampleId :

BU-03-022719MSD

Tot Ion:228 Resp: 1099742

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.8	38.6
229	21.6	16.6	25.0

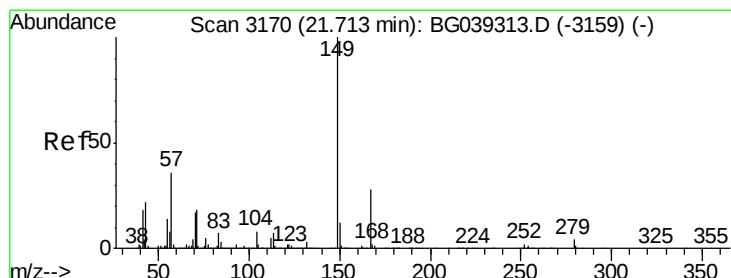
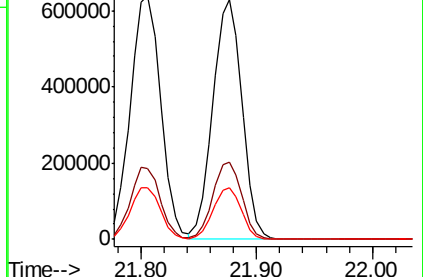
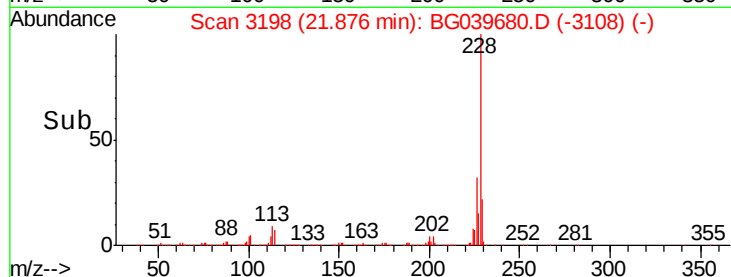


Abundance

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: 50.066 ng

RT: 21.66 min Scan# 3162

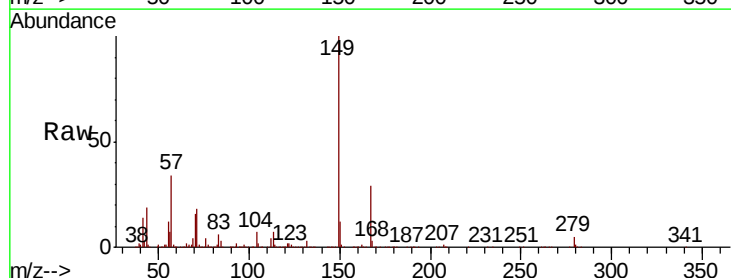
Delta R.T. -0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Tgt Ion:149 Resp: 721270

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	34.0
279	5.0	3.5	5.3

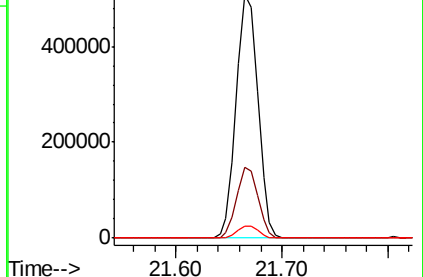
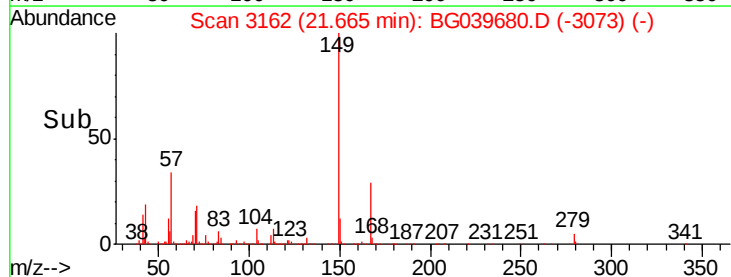


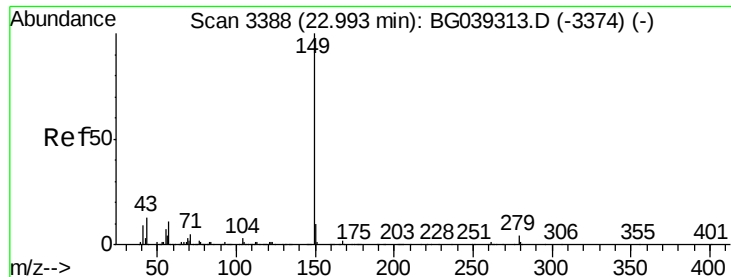
Abundance

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: 51.099 ng

RT: 22.93 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

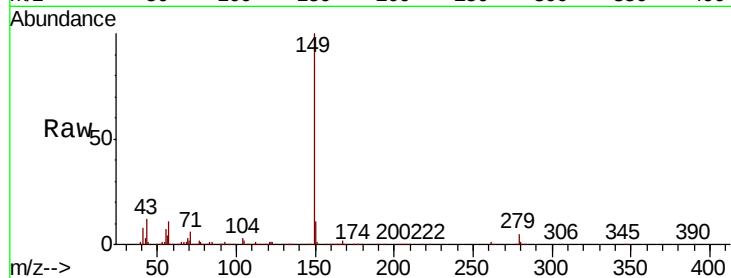
BNA_G

ClientSampleId :

BU-03-022719MSD

Tot Ion:149 Resp: 1216204

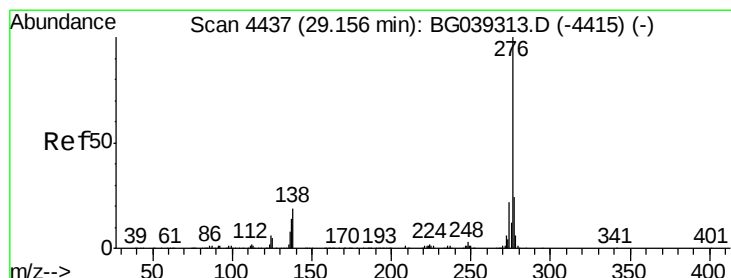
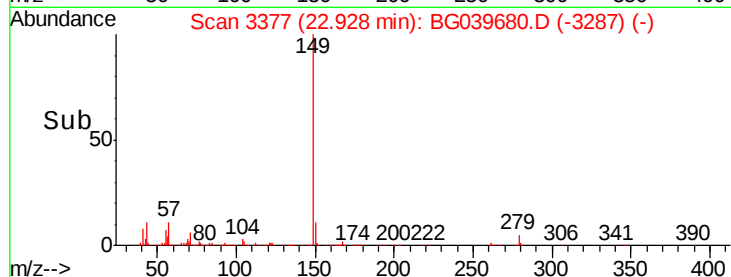
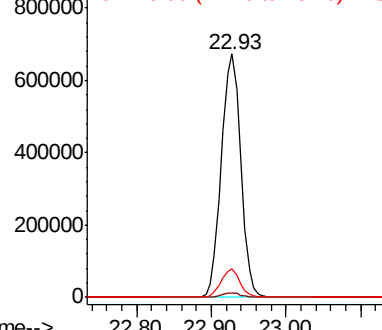
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.2	10.2	15.4



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: 56.687 ng

RT: 29.08 min Scan# 4425

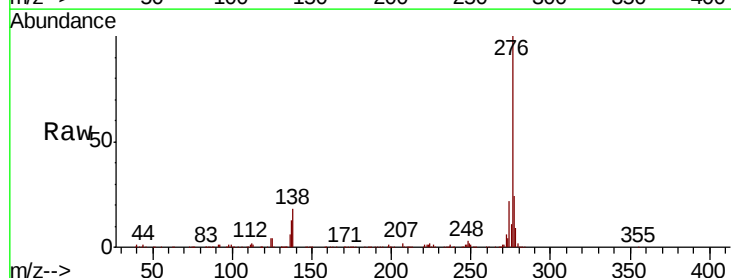
Delta R.T. -0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Tgt Ion:276 Resp: 1315552

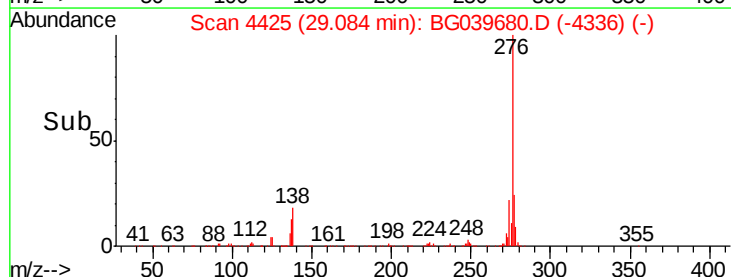
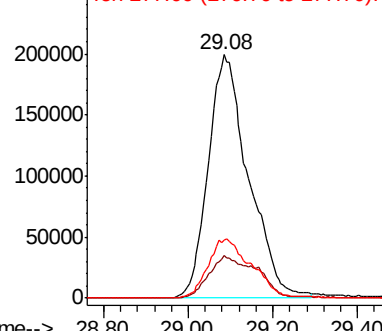
Ion	Ratio	Lower	Upper
276	100		
138	20.5	12.6	19.0#
277	26.4	20.8	31.2



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



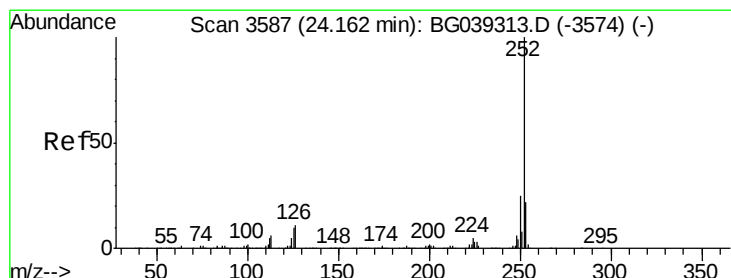
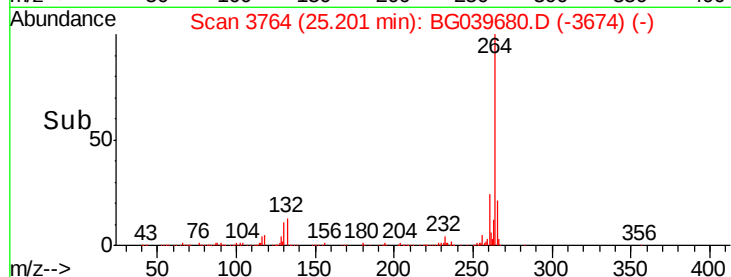
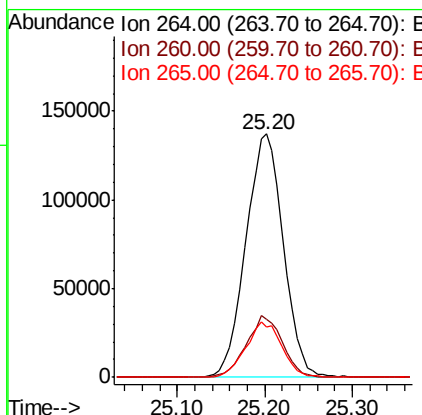
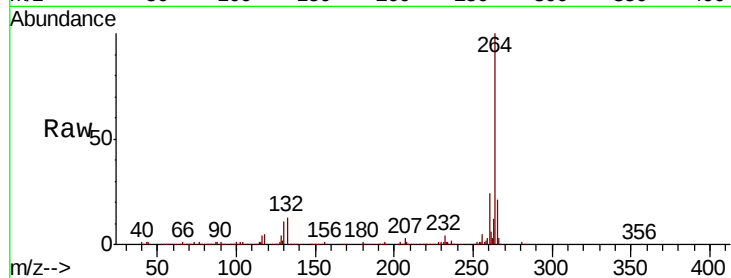


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

Tot Ion:264 Resp: 400160

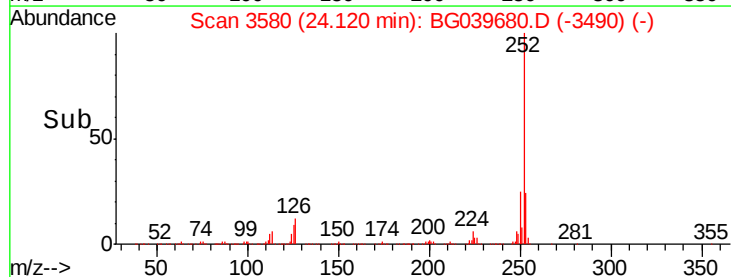
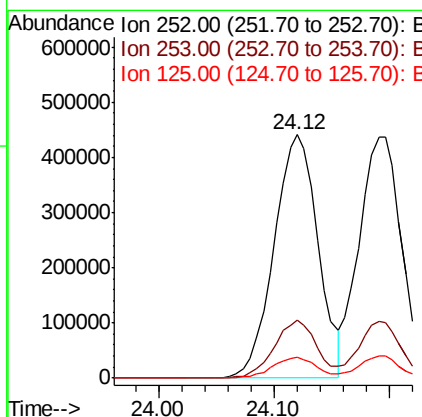
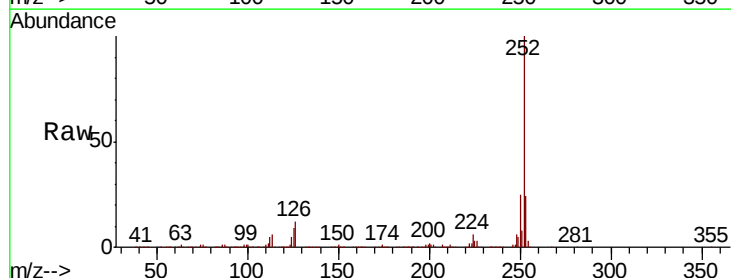
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	20.9	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 53.352 ng
RT: 24.12 min Scan# 3580
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:252 Resp: 1164292

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	8.6	7.8	11.6

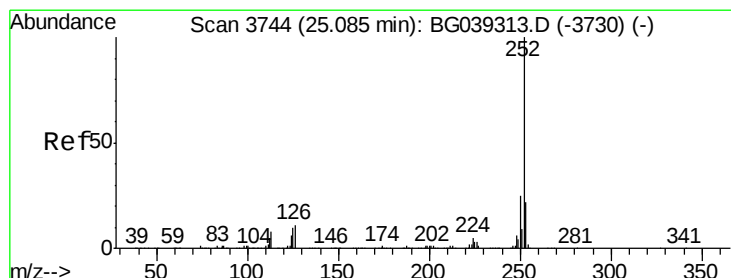
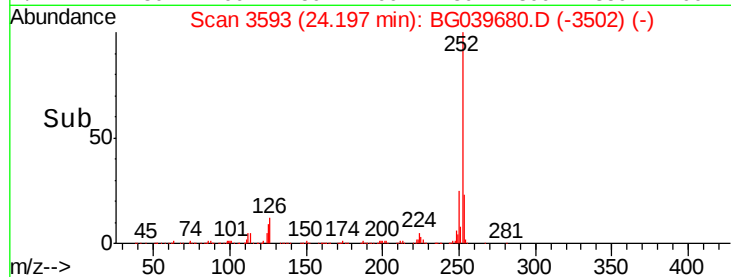
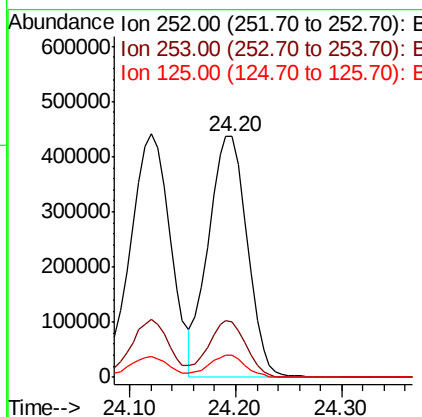
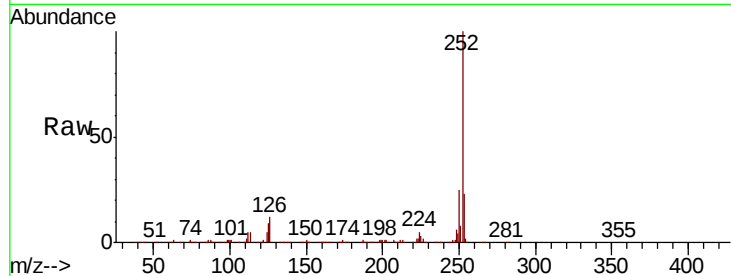




#89
Benzo(k)fluoranthene
Concen: 50.933 ng
RT: 24.20 min Scan# 3593
Delta R.T. 0.01 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

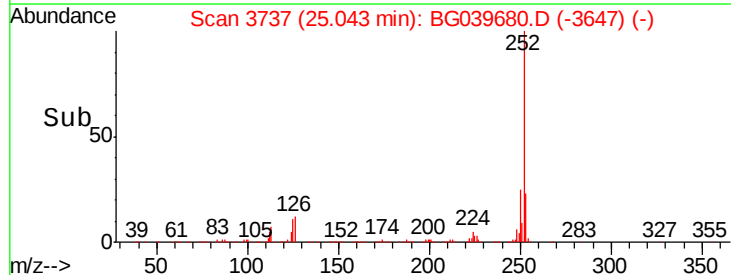
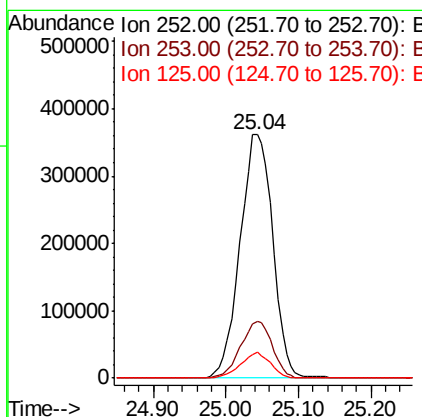
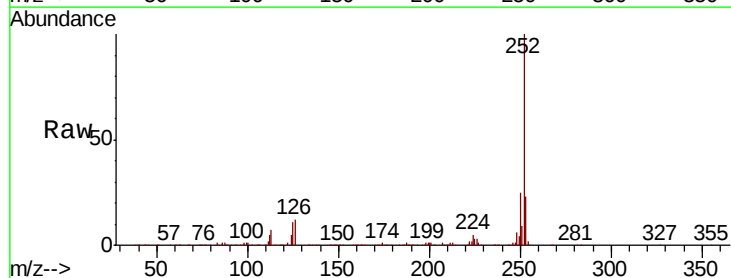
Instrument :
BNA_G
ClientSampleId :
BU-03-022719MSD

Tot Ion:252 Resp: 1115925
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 53.839 ng
RT: 25.04 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG039680.D
Acq: 1 Mar 2019 4:54

Tgt Ion:252 Resp: 1131536
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 53.689 ng

RT: 29.15 min Scan# 4437

Delta R.T. 0.00 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

Instrument :

BNA_G

ClientSampleId :

BU-03-022719MSD

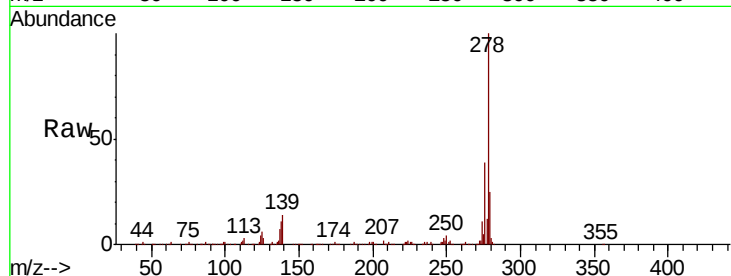
Tot Ion:278 Resp: 1056728

Ion Ratio Lower Upper

278 100

139 13.7 11.7 17.5

279 24.7 19.1 28.7

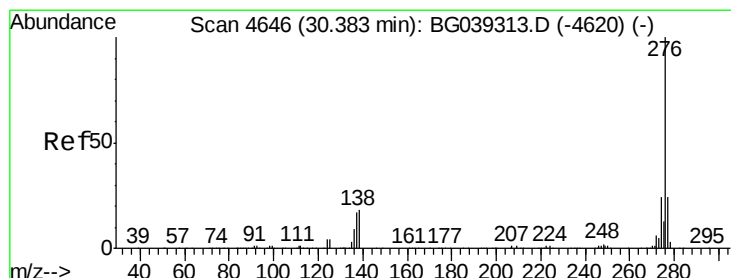
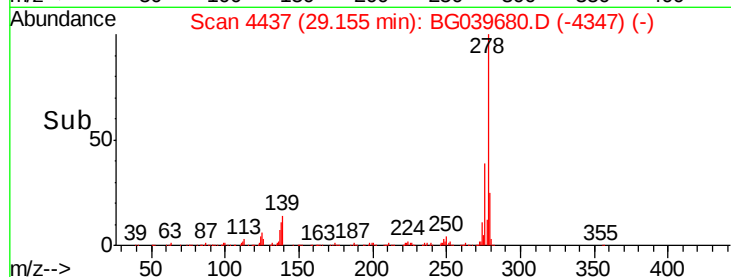
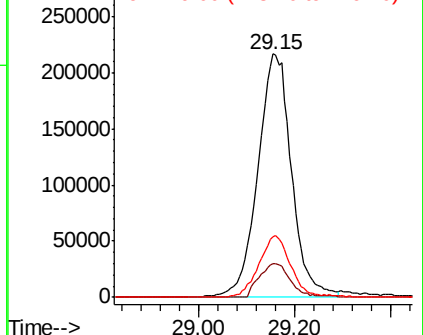


Abundance

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: 55.110 ng

RT: 30.32 min Scan# 4636

Delta R.T. 0.01 min

Lab File: BG039680.D

Acq: 1 Mar 2019 4:54

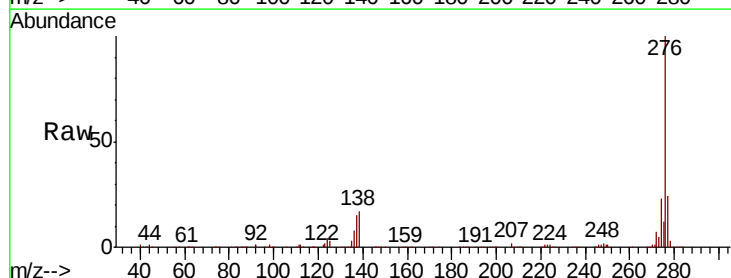
Tgt Ion:276 Resp: 1081155

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 16.6 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

