

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
 Data File : BG039314.D
 Acq On : 29 Jan 2019 12:14
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 29 12:50:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 12:14:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	45906	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	191799	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	128116	20.00	ng	0.00
64) Phenanthrene-d10	17.56	188	301348	20.00	ng	0.00
76) Chrysene-d12	21.85	240	291305	20.00	ng	0.00
87) Perylene-d12	25.25	264	296772	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	268535	110.97	ng	0.00
7) Phenol-d6	7.32	99	396906	113.97	ng	0.00
23) Nitrobenzene-d5	9.36	82	333845	95.24	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	143288	66.72	ng	0.00
45) 2-Fluorobiphenyl	13.44	172	868012	92.72	ng	0.00
79) Terphenyl-d14	20.15	244	1329926	84.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	59130	62.396	ng	98
3) Pyridine	4.02	79	165955	64.448	ng	96
4) n-Nitrosodimethylamine	3.94	42	80940	69.853	ng	98
6) Aniline	7.51	93	248861	59.500	ng	99
8) 2-Chlorophenol	7.74	128	144649	50.707	ng	98
9) Benzaldehyde	7.33	77	89546	44.585	ng	97
10) Phenol	7.35	94	205894	58.968	ng	98
11) bis(2-Chloroethyl)ether	7.60	93	163320	61.201	ng	98
12) 1,3-Dichlorobenzene	8.07	146	174210	50.972	ng	96
13) 1,4-Dichlorobenzene	8.22	146	172813	49.925	ng	98
14) 1,2-Dichlorobenzene	8.54	146	168459	51.043	ng	98
15) Benzyl Alcohol	8.42	79	158027	60.254	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.71	45	357790	69.921	ng	98
17) 2-Methylphenol	8.61	107	133377	55.013	ng	98
18) Hexachloroethane	9.27	117	60298	51.276	ng	98
19) n-Nitroso-di-n-propylamine	9.00	70	140488	61.430	ng	97
20) 3+4-Methylphenols	8.94	107	185465	53.654	ng	98
22) Acetophenone	9.02	105	263019	52.511	ng	# 98
24) Nitrobenzene	9.41	77	179009	50.526	ng	99
25) Isophorone	9.93	82	347640	57.578	ng	99
26) 2-Nitrophenol	10.11	139	67442	35.193	ng	95
27) 2,4-Dimethylphenol	10.15	122	145096	53.818	ng	96
28) bis(2-Chloroethoxy)methane	10.41	93	217818	60.026	ng	98
29) 2,4-Dichlorophenol	10.64	162	160472	47.911	ng	94
30) 1,2,4-Trichlorobenzene	10.87	180	173791	43.185	ng	97
31) Naphthalene	11.06	128	479705	49.868	ng	100
32) Benzoic acid	10.28	122	88193	61.754	ng	95
33) 4-Chloroaniline	11.17	127	226371	52.591	ng	98
34) Hexachlorobutadiene	11.32	225	114463	41.336	ng	92
35) Caprolactam	11.97	113	67551	50.295	ng	96
36) 4-Chloro-3-methylphenol	12.26	107	183148	51.125	ng	99
37) 2-Methylnaphthalene	12.65	142	355259	49.258	ng	97
38) 1-Methylnaphthalene	12.87	142	342954	49.542	ng	98
40) 1,2,4,5-Tetrachlorobenzene	13.01	216	208456	43.325	ng	100

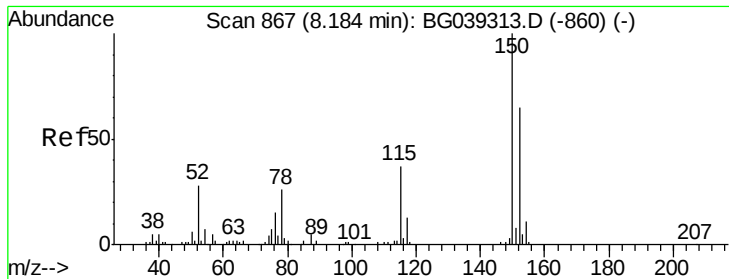
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
 Data File : BG039314.D
 Acq On : 29 Jan 2019 12:14
 Operator : JU/SJ
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 QLast Update : Tue Jan 29 12:14:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	117096	49.500	ng	99
43) 2,4,6-Trichlorophenol	13.24	196	132593	43.785	ng	98
44) 2,4,5-Trichlorophenol	13.31	196	140242	43.818	ng	95
46) 1,1'-Biphenyl	13.65	154	525520	51.767	ng	100
47) 2-Chloronaphthalene	13.70	162	396662	48.285	ng	99
48) 2-Nitroaniline	13.90	65	115318	50.107	ng	95
49) Acenaphthylene	14.54	152	598813	48.496	ng	99
50) Dimethylphthalate	14.26	163	513822	47.460	ng	99
51) 2,6-Dinitrotoluene	14.38	165	96912	40.038	ng	94
52) Acenaphthene	14.88	154	399862	53.899	ng	98
53) 3-Nitroaniline	14.72	138	106284	43.285	ng	97
54) 2,4-Dinitrophenol	14.92	184	34872	27.876	ng	89
55) Dibenzofuran	15.21	168	623608	47.595	ng	98
56) 4-Nitrophenol	15.00	139	89184	50.479	ng	97
57) 2,4-Dinitrotoluene	15.17	165	121721	35.051	ng	# 95
58) Fluorene	15.85	166	455159	46.151	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.42	232	131186	43.421	ng	100
60) Diethylphthalate	15.61	149	525980	47.154	ng	99
61) 4-Chlorophenyl-phenylether	15.84	204	261882	42.148	ng	98
62) 4-Nitroaniline	15.88	138	110436	43.174	ng	97
63) Azobenzene	16.13	77	518780	59.472	ng	98
65) 4,6-Dinitro-2-methylphenol	15.92	198	62143	27.835	ng	94
66) n-Nitrosodiphenylamine	16.06	169	459550	51.442	ng	99
67) 4-Bromophenyl-phenylether	16.74	248	168093	43.393	ng	97
68) Hexachlorobenzene	16.85	284	169905	40.196	ng	96
69) Atrazine	17.00	200	163093	42.975	ng	97
70) Pentachlorophenol	17.19	266	124216	54.927	ng	98
71) Phenanthrene	17.60	178	766661	48.132	ng	99
72) Anthracene	17.69	178	757772	48.116	ng	99
73) Carbazole	17.96	167	741427	47.690	ng	100
74) Di-n-butylphthalate	18.50	149	877463	50.734	ng	99
75) Fluoranthene	19.59	202	876927	44.410	ng	99
77) Benzidine	19.78	184	404555	45.405	ng	100
78) Pyrene	19.96	202	907016	48.858	ng	99
80) Butylbenzylphthalate	20.83	149	396726	56.187	ng	99
81) Benzo(a)anthracene	21.83	228	852663	48.083	ng	99
82) 3,3'-Dichlorobenzidine	21.74	252	314906	43.584	ng	97
83) Chrysene	21.90	228	815352	48.343	ng	99
84) Bis(2-ethylhexyl)phthalate	21.72	149	551153	56.217	ng	99
85) Di-n-octyl phthalate	22.99	149	923672	55.718	ng	99
86) Indeno(1,2,3-cd)pyrene	29.16	276	897731	44.546	ng	100
88) Benzo(b)fluoranthene	24.16	252	809347	49.459	ng	99
89) Benzo(k)fluoranthene	24.24	252	814553	50.345	ng	99
90) Benzo(a)pyrene	25.09	252	784957	49.627	ng	99
91) Dibenzo(a,h)anthracene	29.24	278	734734	46.701	ng	99
92) Benzo(g,h,i)perylene	30.39	276	744892	47.825	ng	98

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

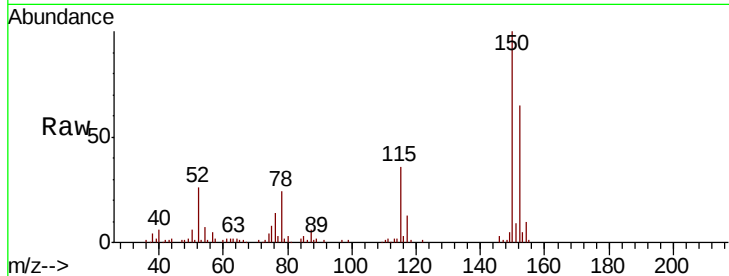


#1

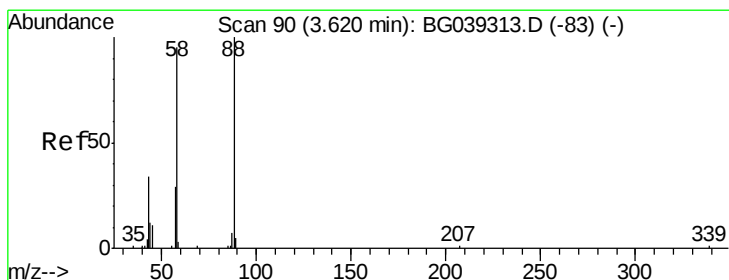
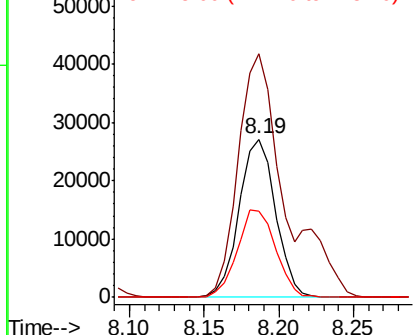
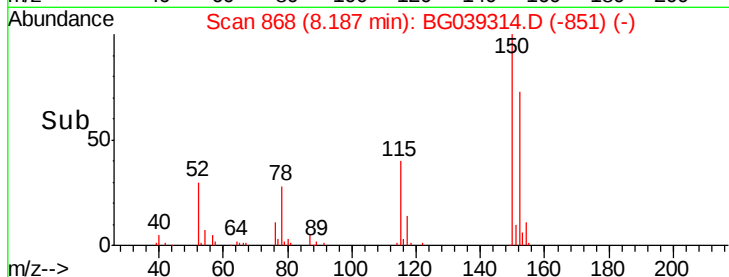
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.7	185.5
115	54.9	45.9	68.9



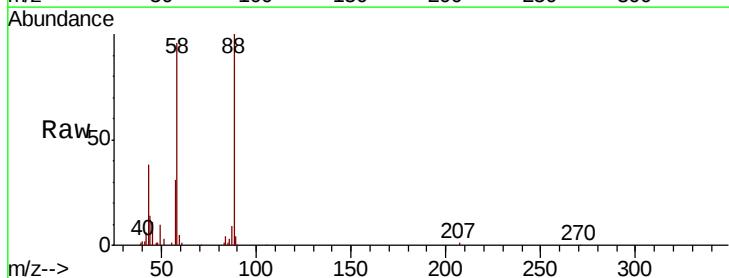
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



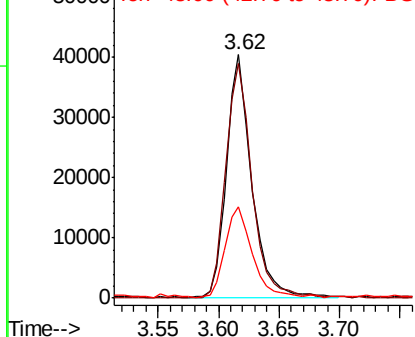
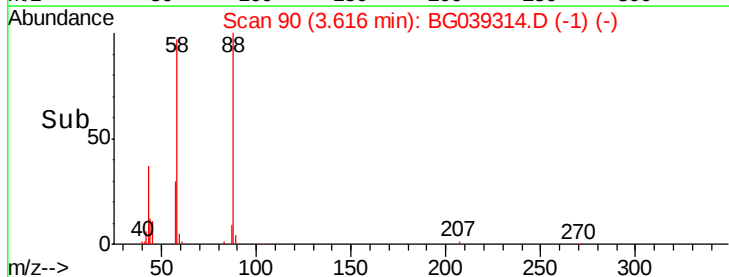
#2

1,4-Dioxane
Concen: 62.396 ng
RT: 3.62 min Scan# 90
Delta R.T. -0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.3	81.1	121.7
43	41.1	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: 64.448 ng

RT: 4.02 min Scan# 159

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampleId :

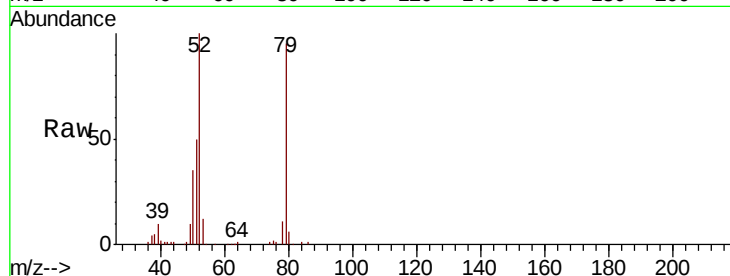
Tot Ion: 79 Resp: 165955

Ion Ratio Lower Upper

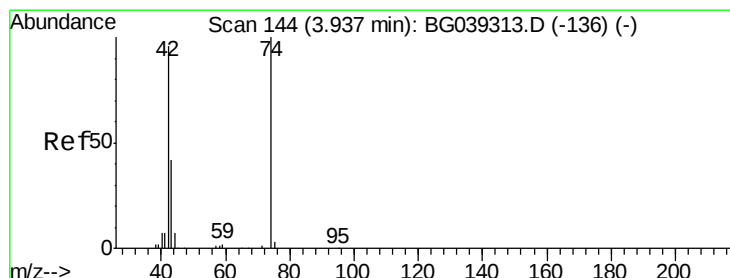
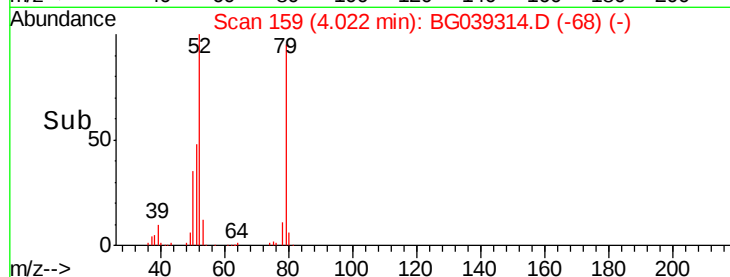
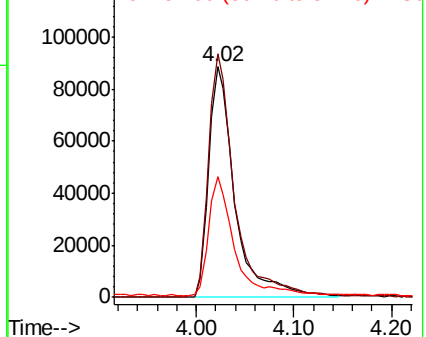
79 100

52 105.5 82.6 124.0

51 52.4 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: 69.853 ng

RT: 3.94 min Scan# 145

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

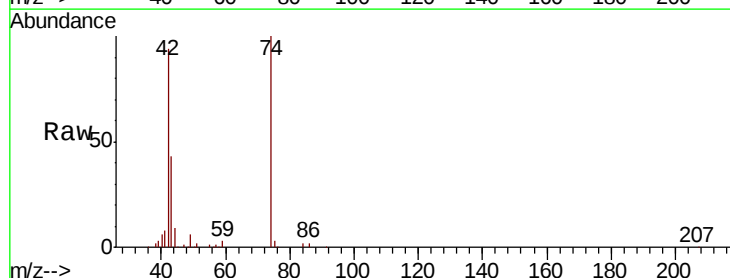
Tgt Ion: 42 Resp: 80940

Ion Ratio Lower Upper

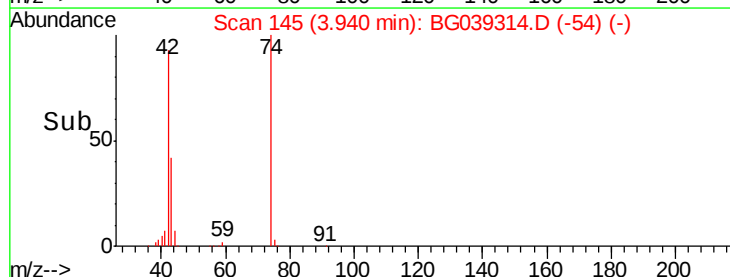
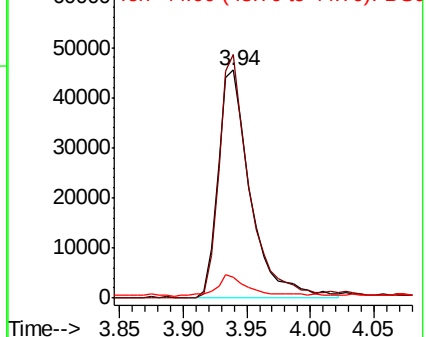
42 100

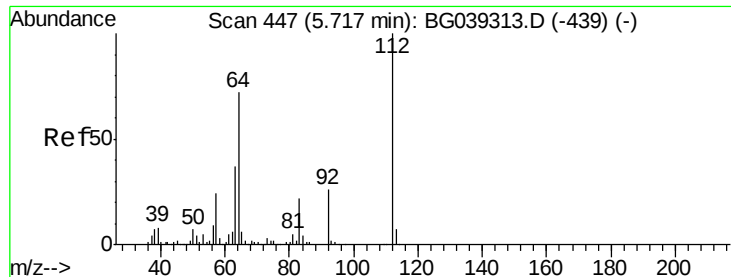
74 106.8 83.6 125.4

44 9.1 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: 110.967 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampleId :

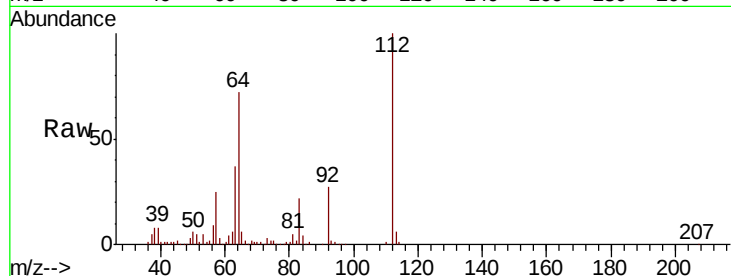
Tot Ion:112 Resp: 268535

Ion Ratio Lower Upper

112 100

64 72.3 57.8 86.8

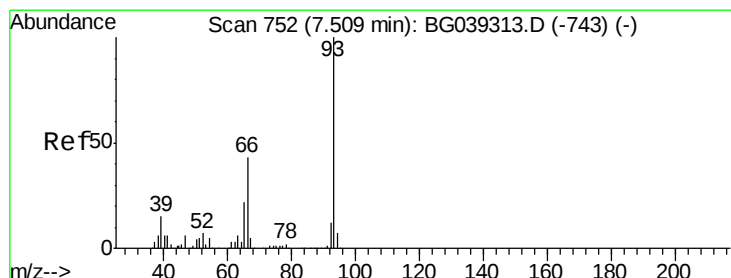
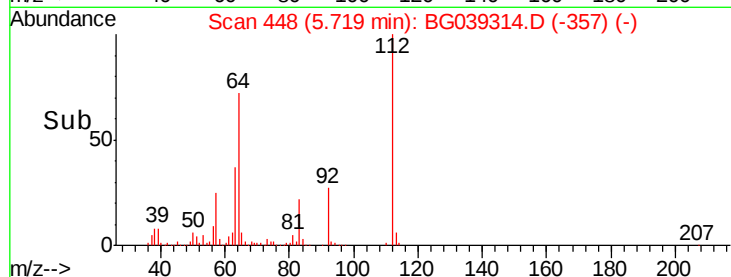
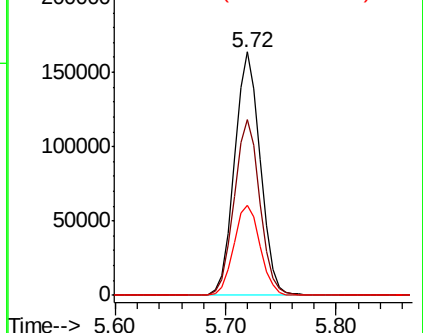
63 37.2 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 59.500 ng

RT: 7.51 min Scan# 753

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

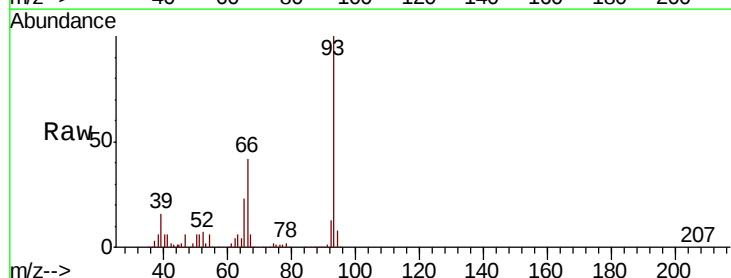
Tgt Ion: 93 Resp: 248861

Ion Ratio Lower Upper

93 100

66 42.1 34.2 51.4

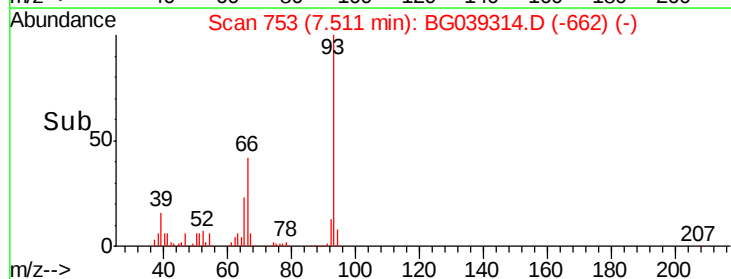
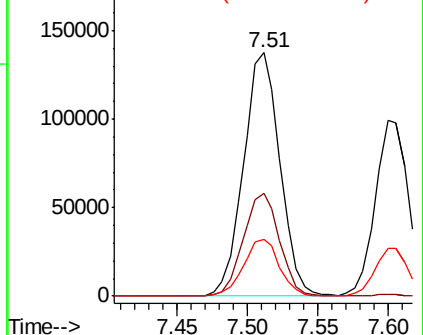
65 23.1 17.7 26.5

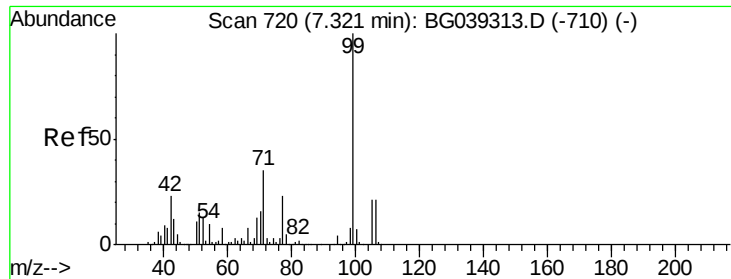


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.968 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampleId :

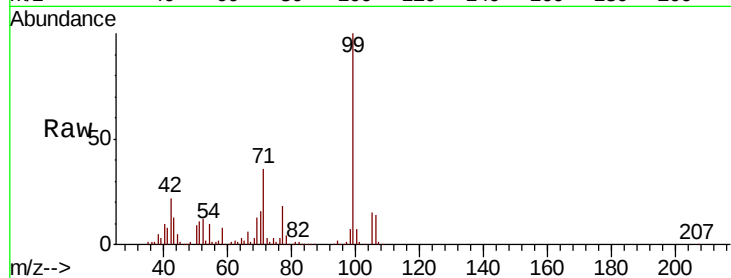
Tot Ion: 99 Resp: 396906

Ion Ratio Lower Upper

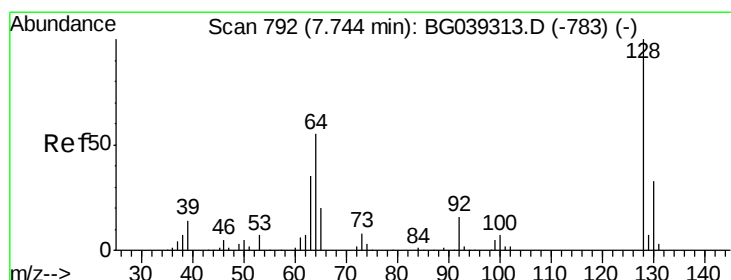
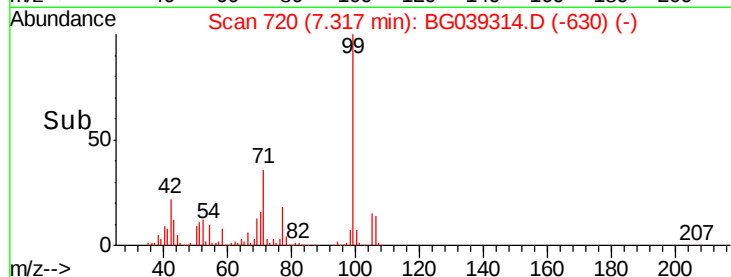
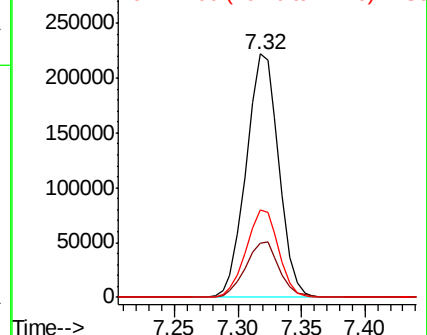
99 100

42 22.3 18.2 27.2

71 36.2 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: 50.707 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

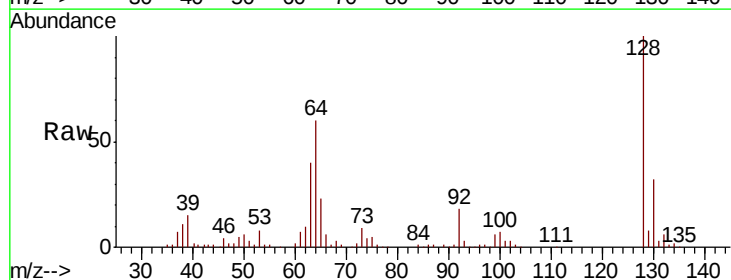
Tgt Ion:128 Resp: 144649

Ion Ratio Lower Upper

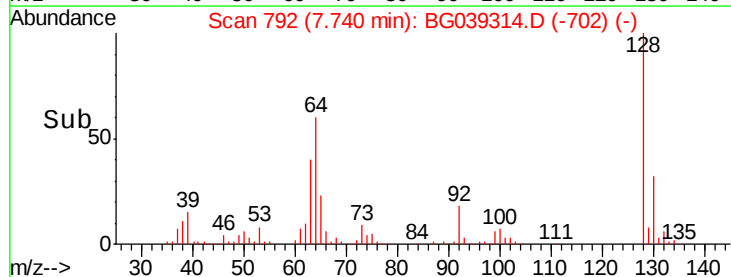
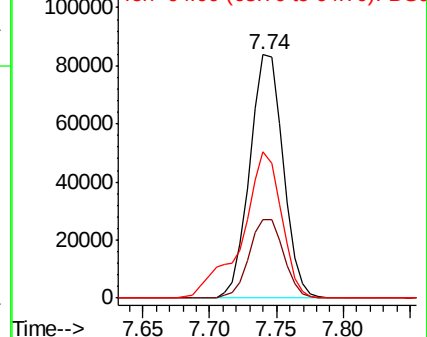
128 100

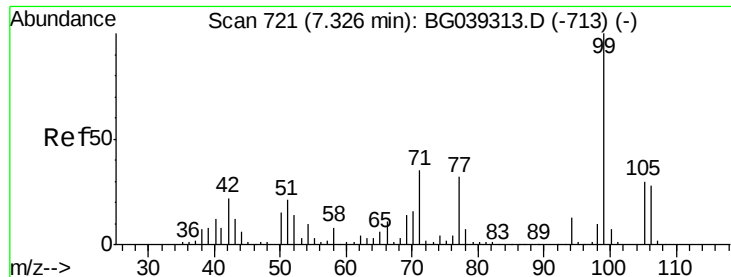
130 32.1 12.9 52.9

64 59.9 38.7 78.7



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





#9

Benzaldehyde

Concen: 44.585 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampled :

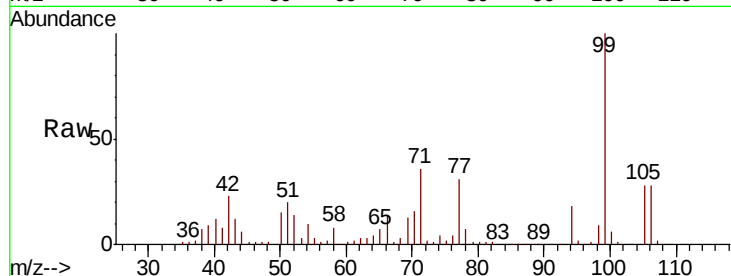
Tot Ion: 77 Resp: 89546

Ion Ratio Lower Upper

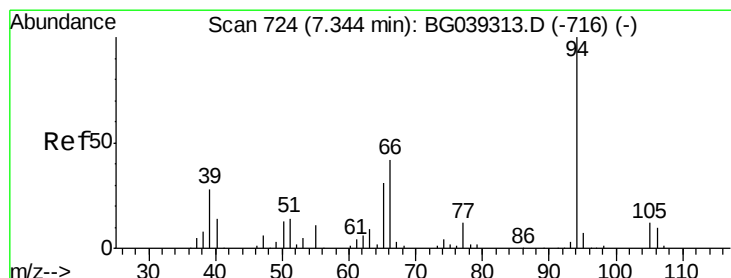
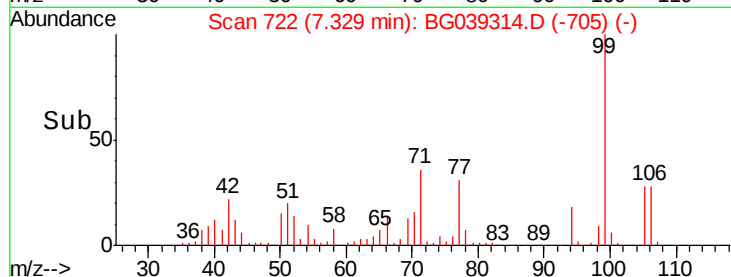
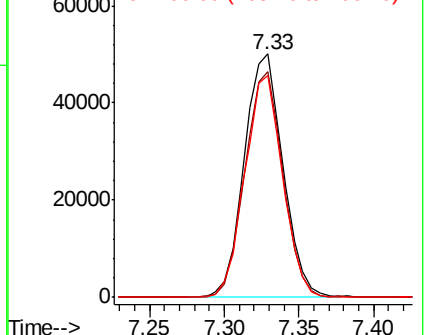
77 100

105 92.8 74.5 114.5

106 91.3 68.0 108.0



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



#10

Phenol

Concen: 58.968 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

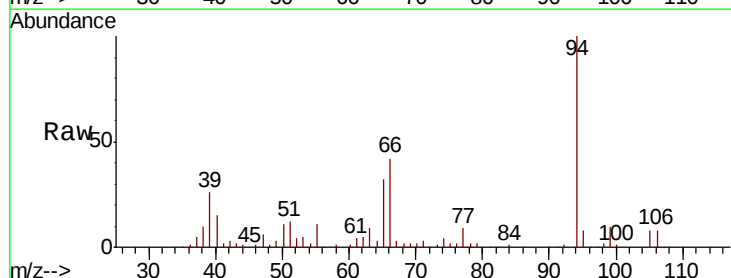
Tgt Ion: 94 Resp: 205894

Ion Ratio Lower Upper

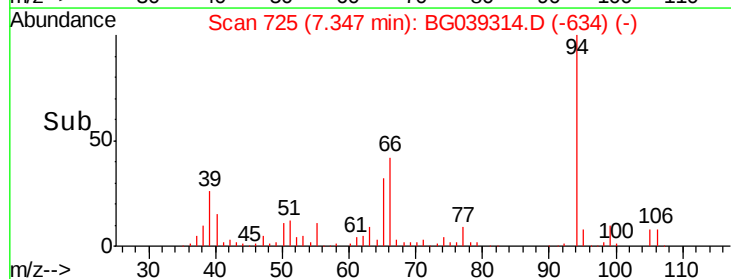
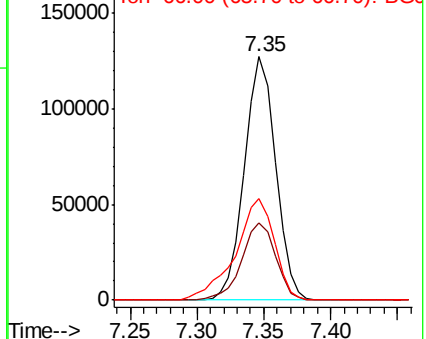
94 100

65 31.6 11.7 51.7

66 41.9 23.7 63.7



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

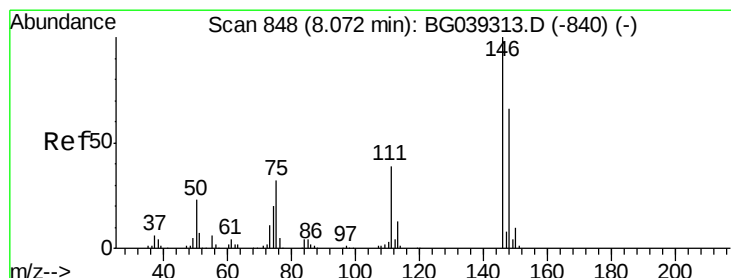
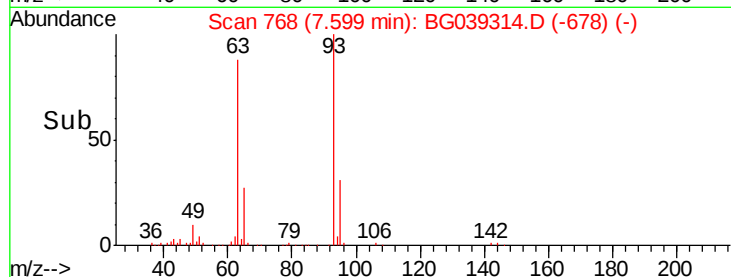
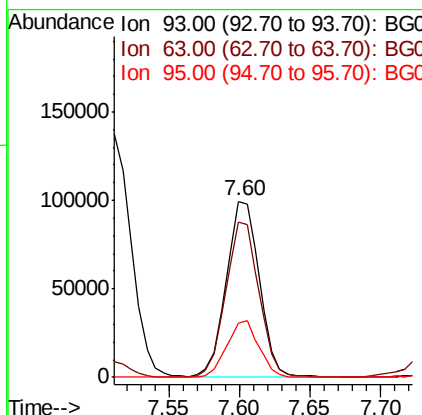
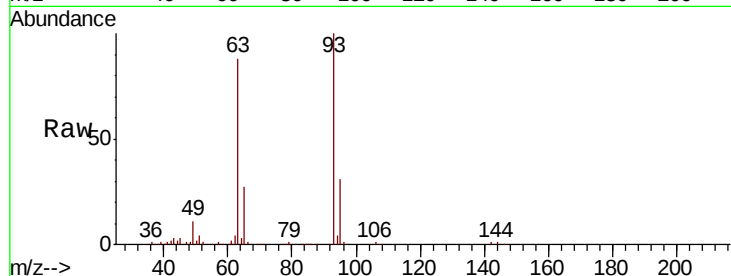




#11
bis(2-Chloroethyl)ether
Concen: 61.201 ng
RT: 7.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

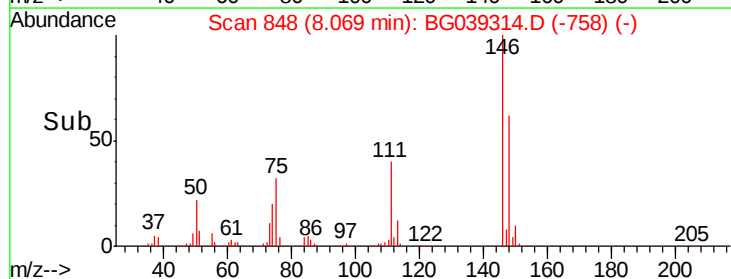
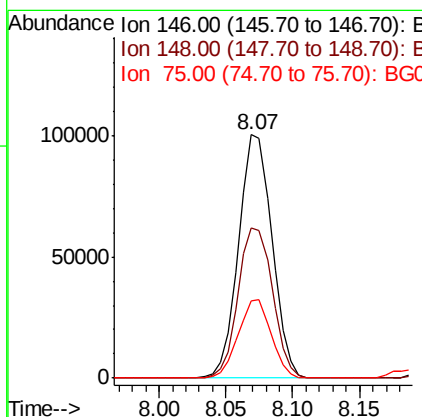
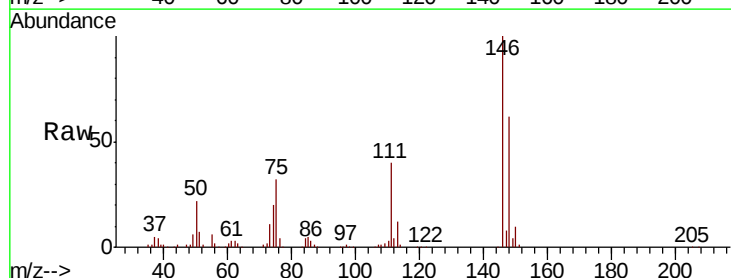
Instrument :
BNA_G
ClientSampleId :

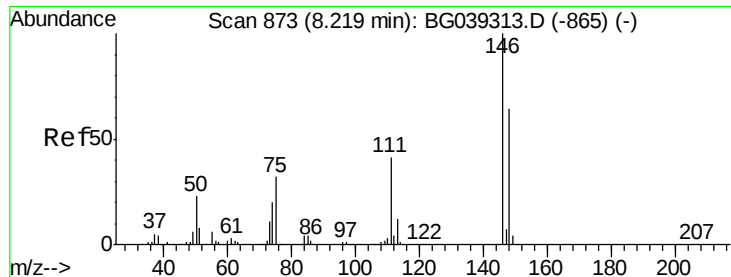
Tot Ion: 93 Resp: 163320
Ion Ratio Lower Upper
93 100
63 88.4 69.5 109.5
95 30.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.972 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion: 146 Resp: 174210
Ion Ratio Lower Upper
146 100
148 61.6 52.6 79.0
75 31.7 25.8 38.6

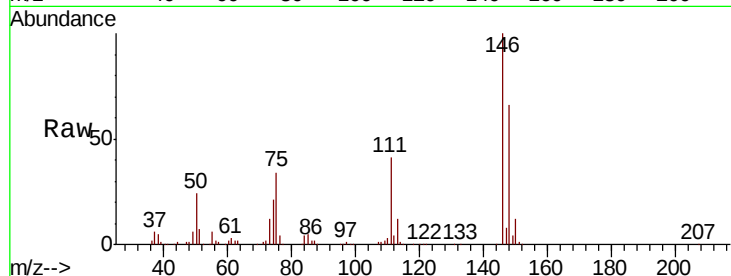




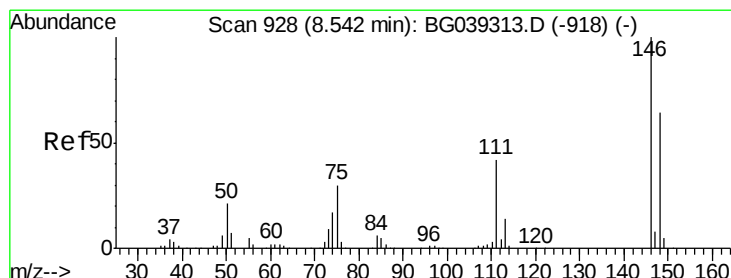
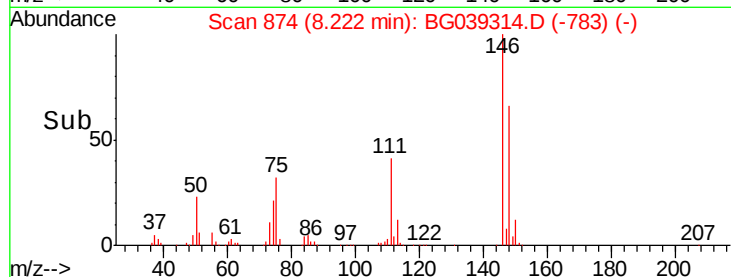
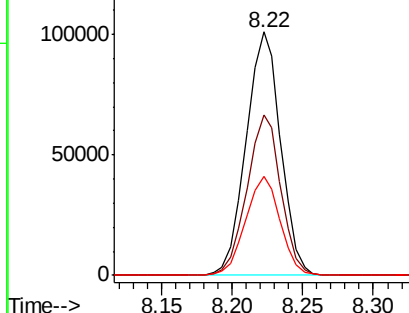
#13
 1,4-Dichlorobenzene
 Concen: 49.925 ng
 RT: 8.22 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 172813
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.1 76.7
 111 40.7 32.6 48.8

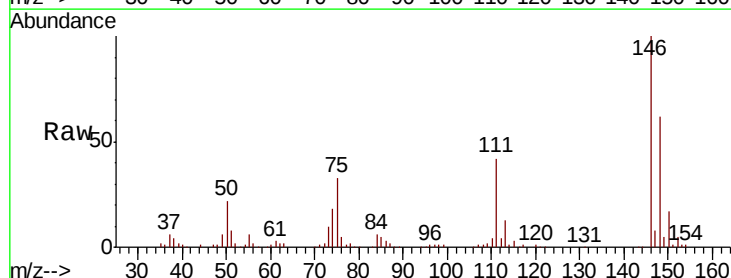


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

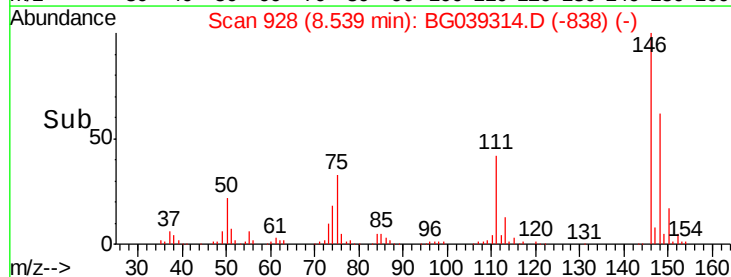
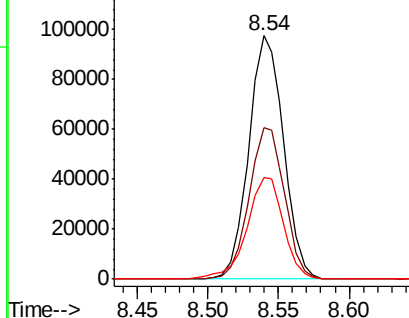


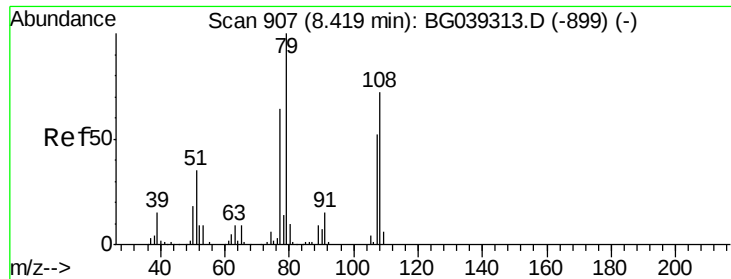
#14
 1,2-Dichlorobenzene
 Concen: 51.043 ng
 RT: 8.54 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion:146 Resp: 168459
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.5 77.3
 111 41.5 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: 60.254 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampleId :

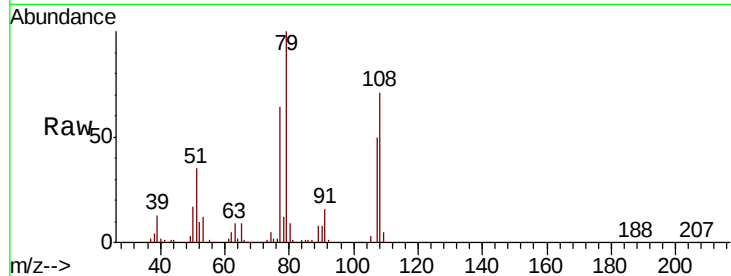
Tot Ion: 79 Resp: 158027

Ion Ratio Lower Upper

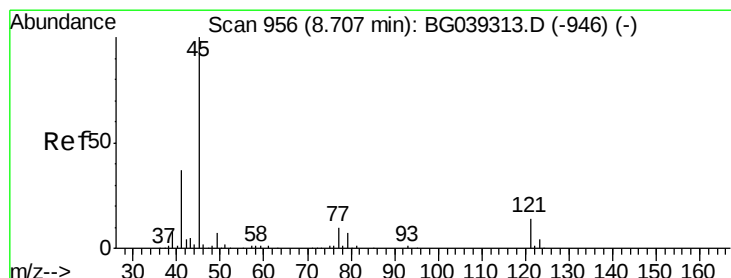
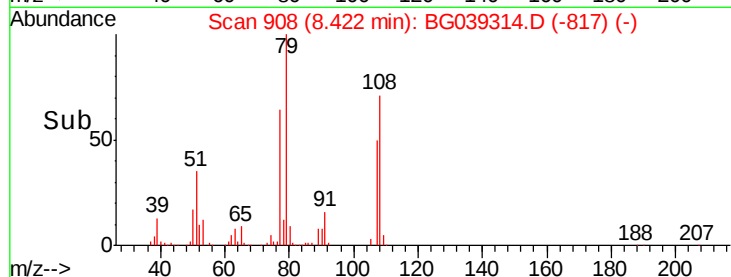
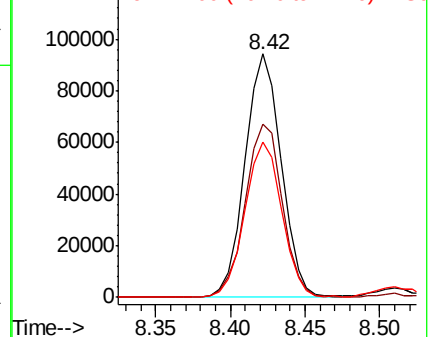
79 100

108 71.4 57.8 86.6

77 63.6 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: 69.921 ng

RT: 8.71 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

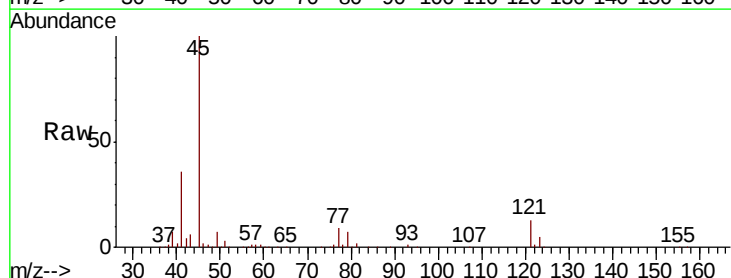
Tgt Ion: 45 Resp: 357790

Ion Ratio Lower Upper

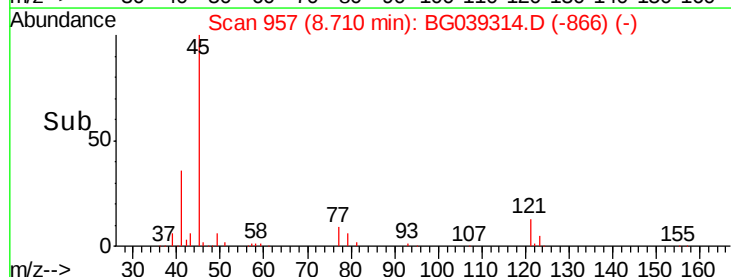
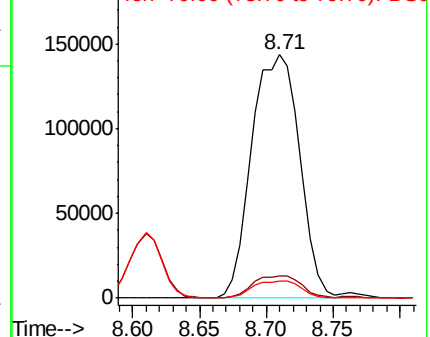
45 100

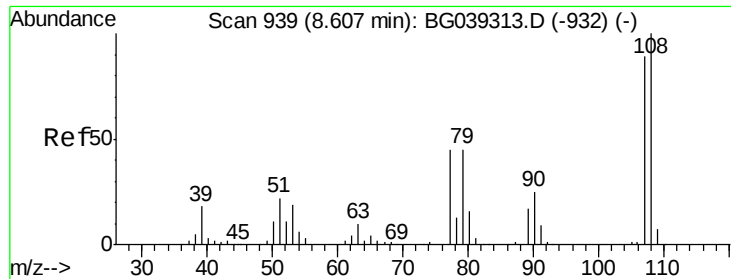
77 9.4 0.0 30.0

79 6.9 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

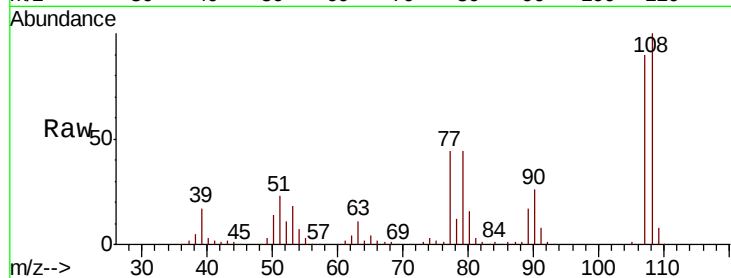




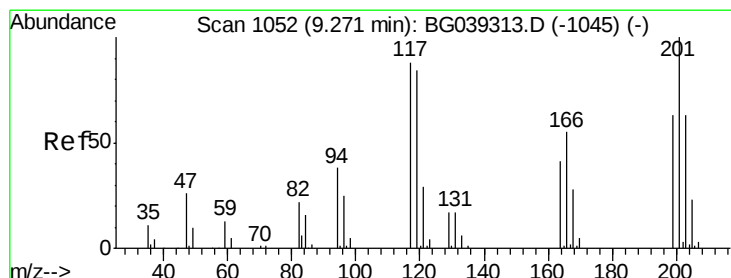
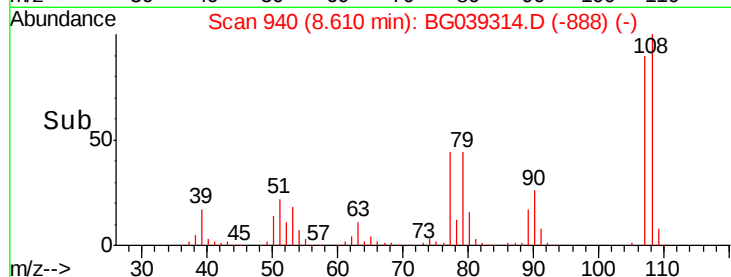
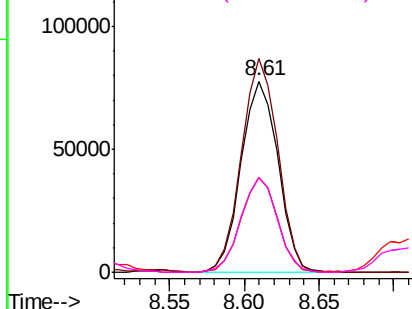
#17
2-Methylphenol
Concen: 55.013 ng
RT: 8.61 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	133377
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.8	136.2
77	49.3	40.7	61.1
79	49.6	40.6	60.8

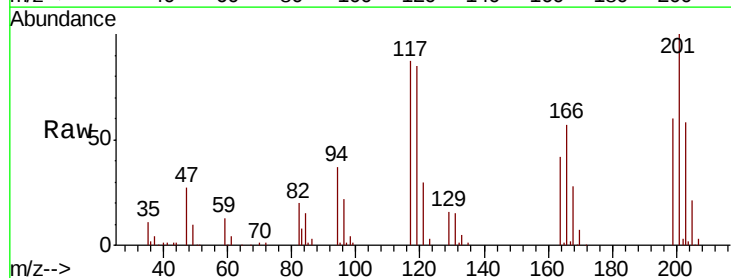


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

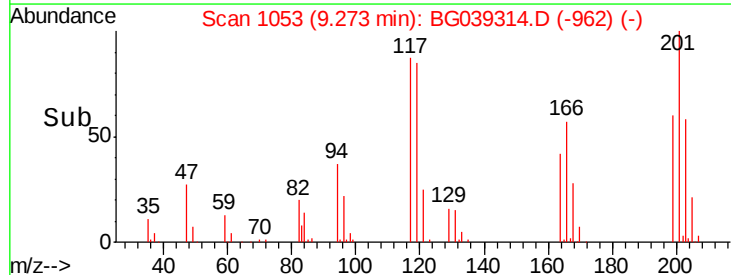
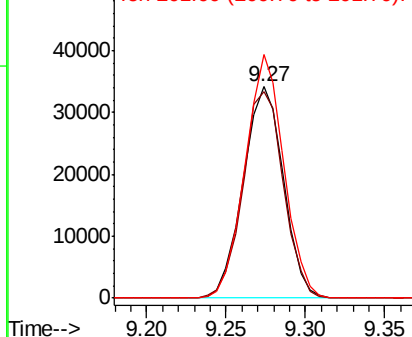


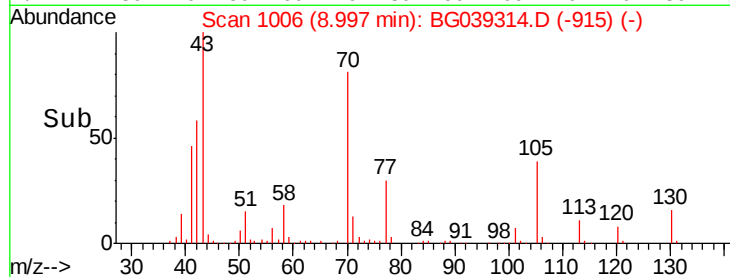
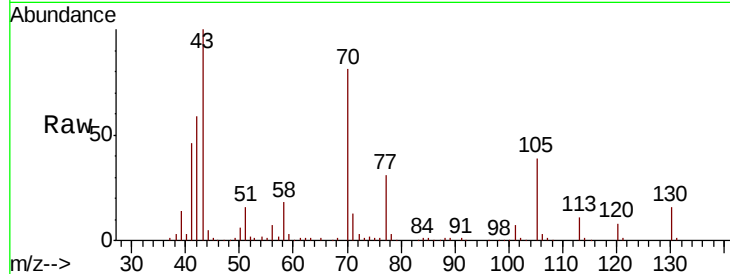
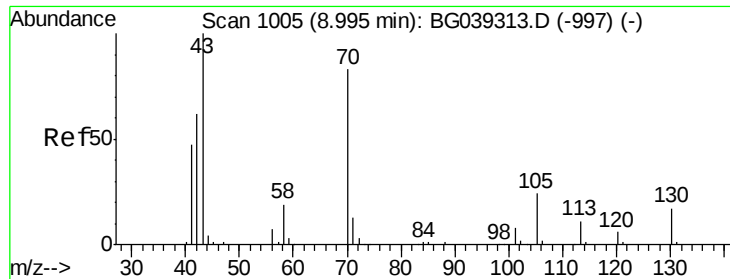
#18
Hexachloroethane
Concen: 51.276 ng
RT: 9.27 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion:	117	Resp:	60298
Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.3	114.5
201	115.3	91.1	136.7



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

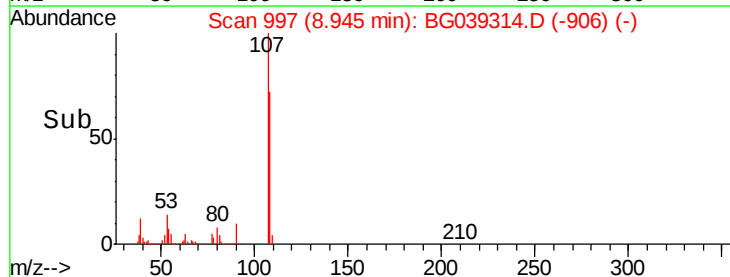
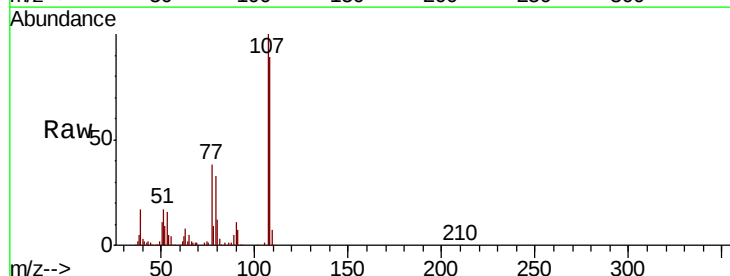
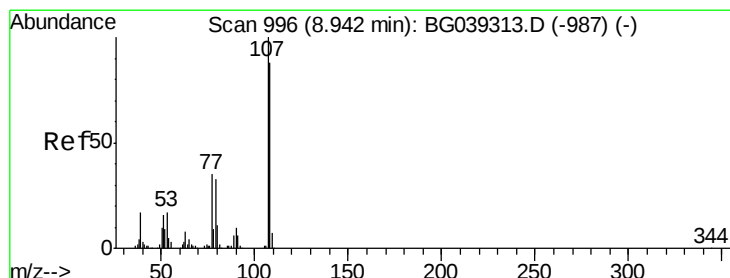
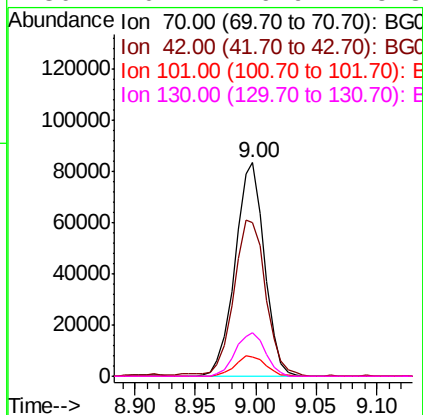




#19
n-Nitroso-di-n-propylamine
Concen: 61.430 ng
RT: 9.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

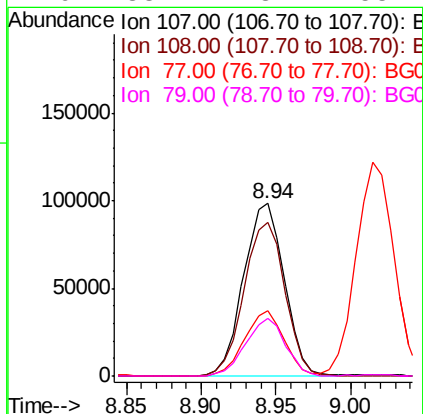
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 140488
Ion Ratio Lower Upper
70 100
42 72.2 60.4 90.6
101 8.8 7.5 11.3
130 20.2 16.9 25.3



#20
3+4-Methylphenols
Concen: 53.654 ng
RT: 8.94 min Scan# 997
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion:107 Resp: 185465
Ion Ratio Lower Upper
107 100
108 89.3 67.9 107.9
77 37.8 15.4 55.4
79 33.2 13.7 53.7

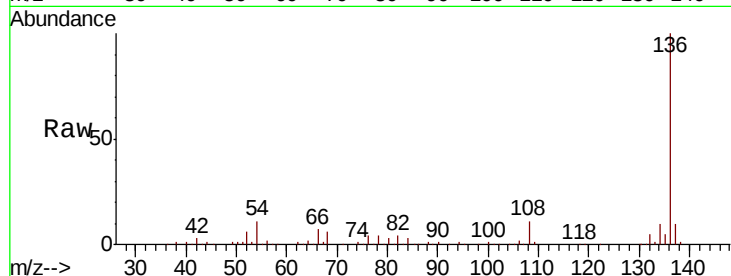




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	191799
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.1 13.7
54	11.3	9.4 14.2
68	6.2	4.2 6.4



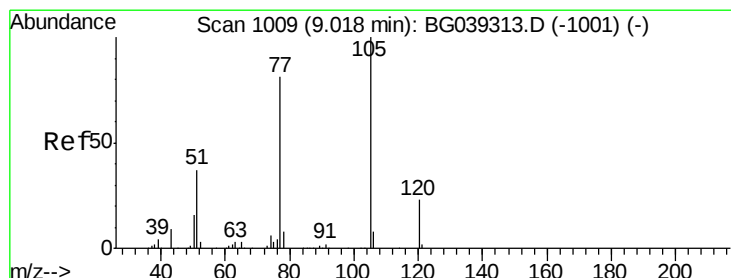
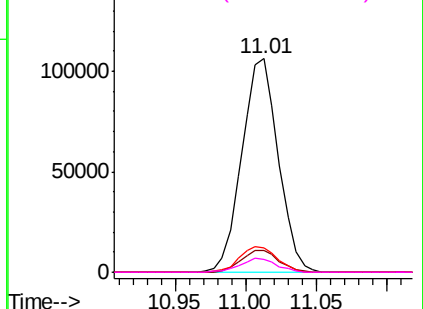
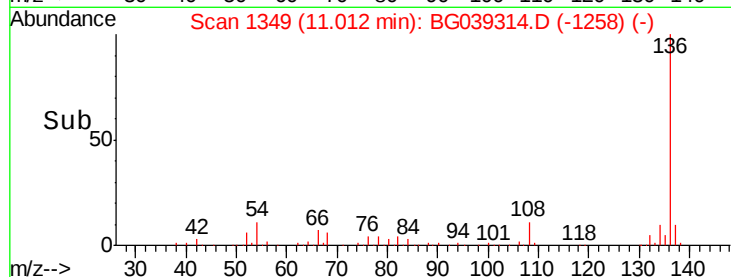
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

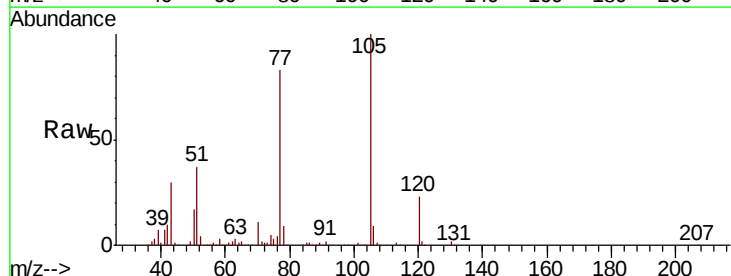
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 52.511 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion:105	Resp:	263019
Ion Ratio	Lower	Upper
105	100	
71	1.9	0.8 1.2#
51	36.8	30.2 45.2
120	23.3	18.0 27.0



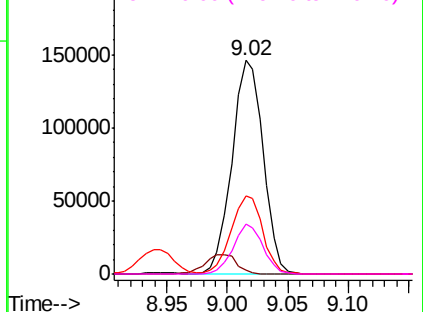
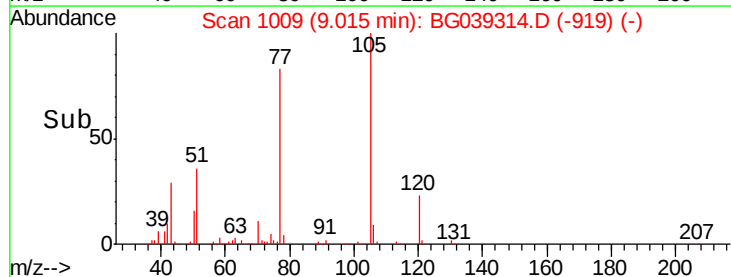
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

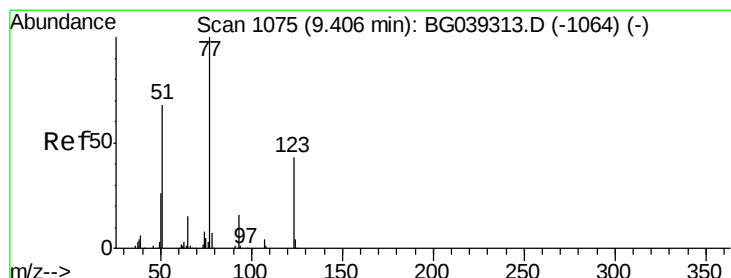
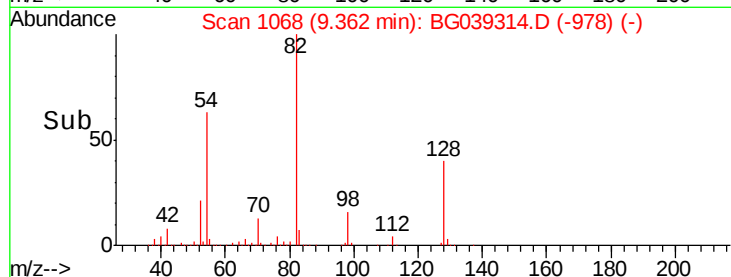
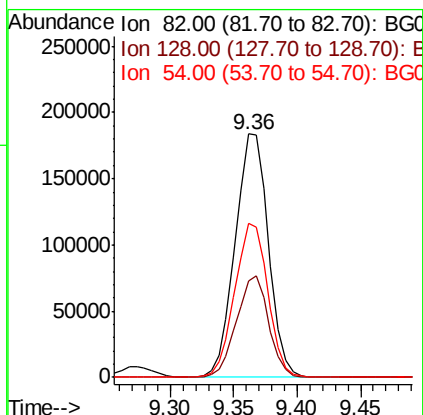
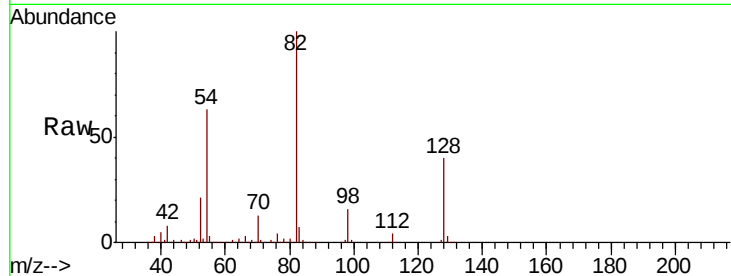




#23
 Nitrobenzene-d5
 Concen: 95.245 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

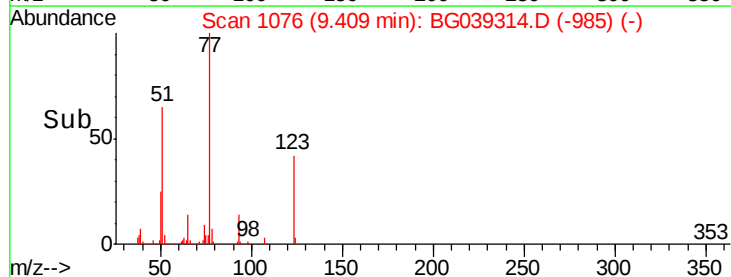
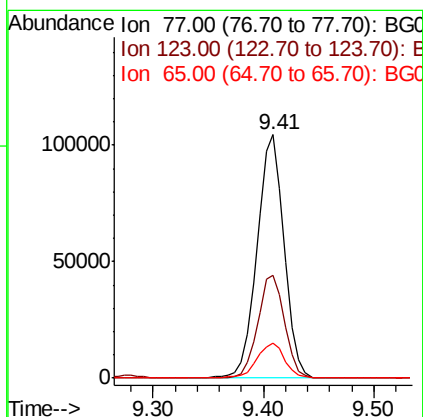
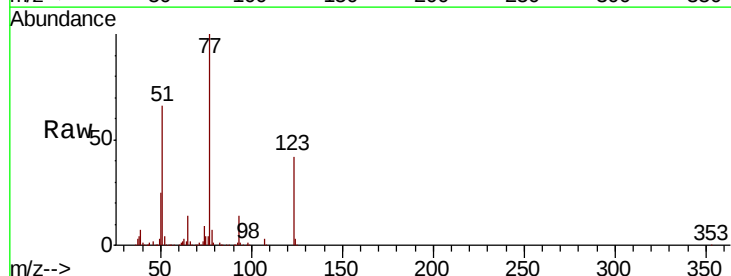
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82.00	Resp	333845
Ion Ratio	Lower	Upper	
82	100		
128	39.6	31.3	46.9
54	63.2	50.9	76.3



#24
 Nitrobenzene
 Concen: 50.526 ng
 RT: 9.41 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion	77.00	Resp	179009
Ion Ratio	Lower	Upper	
77	100		
123	42.3	34.1	51.1
65	14.2	12.3	18.5





#25

Isophorone

Concen: 57.578 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampled :

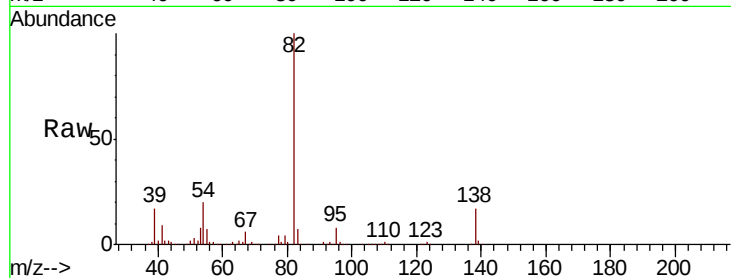
Tot Ion: 82 Resp: 347640

Ion Ratio Lower Upper

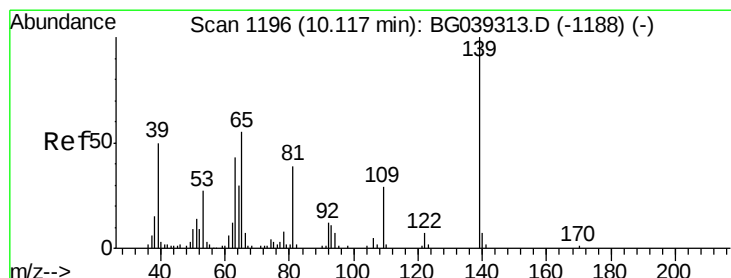
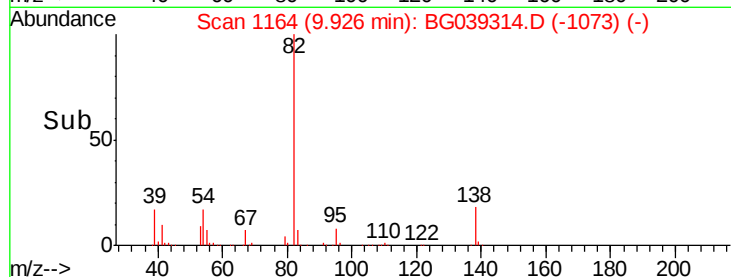
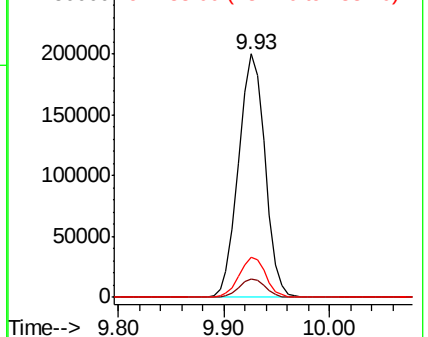
82 100

95 7.6 6.2 9.2

138 16.6 13.0 19.4



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



#26

2-Nitrophenol

Concen: 35.193 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

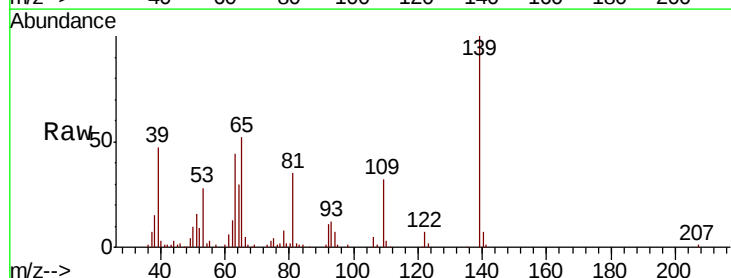
Tgt Ion: 139 Resp: 67442

Ion Ratio Lower Upper

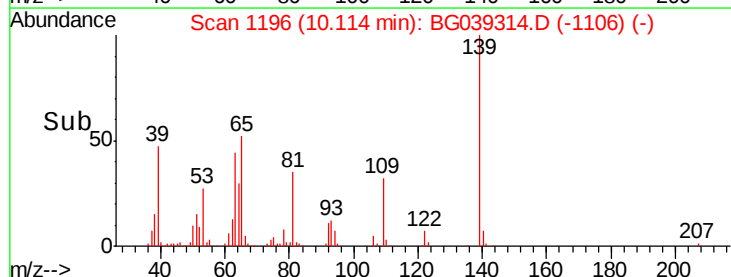
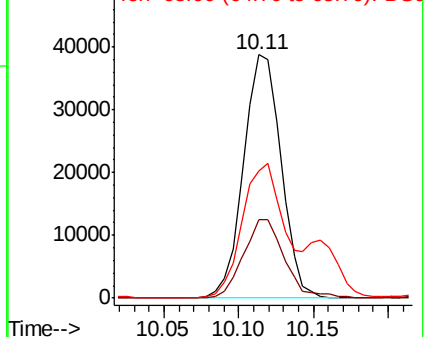
139 100

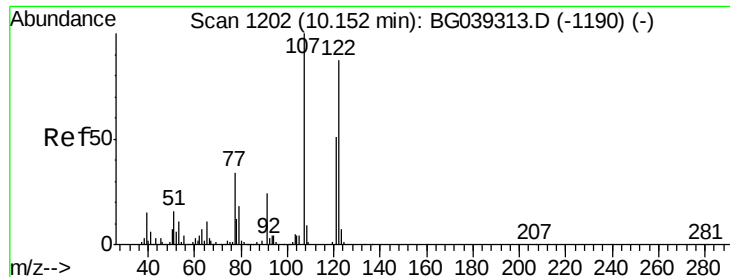
109 32.3 23.4 35.0

65 52.3 44.3 66.5



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

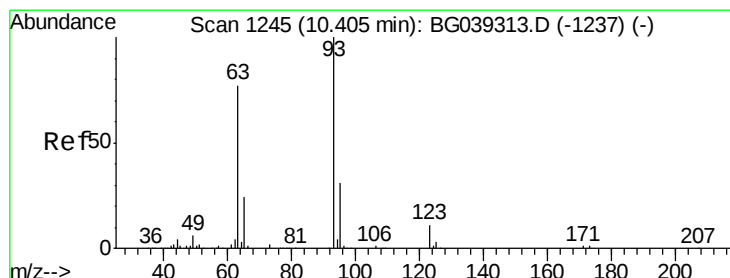
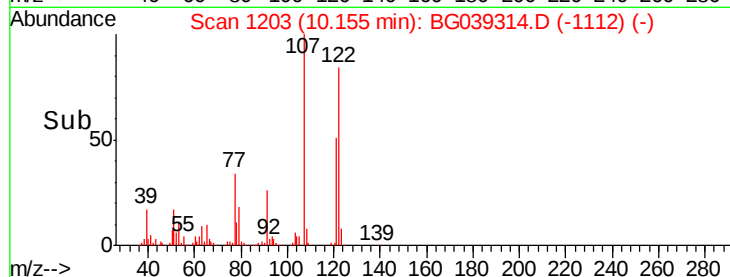
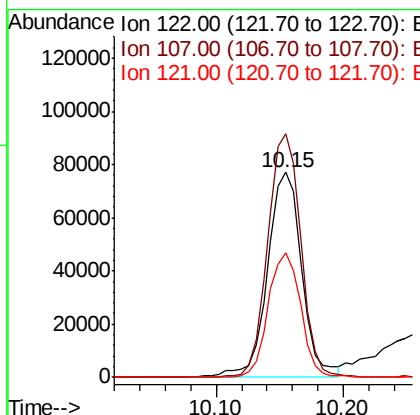
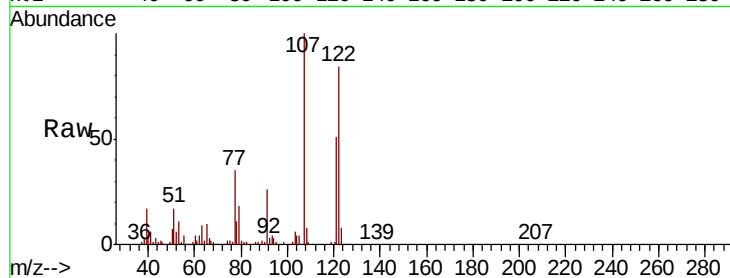




#27
 2,4-Dimethylphenol
 Concen: 53.818 ng
 RT: 10.15 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

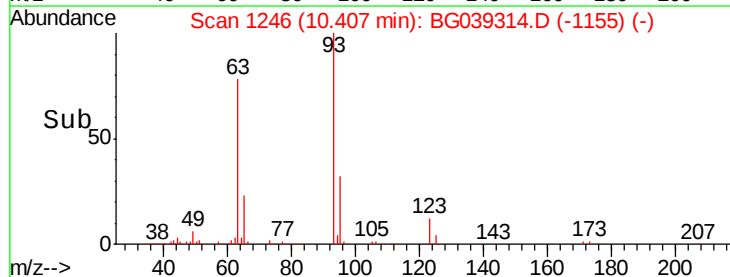
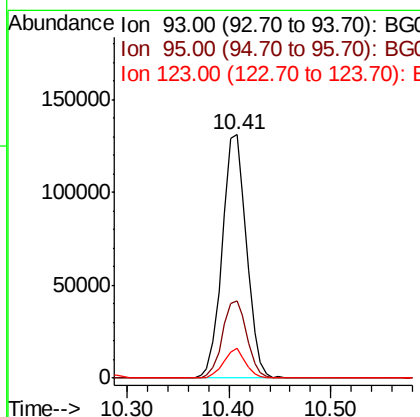
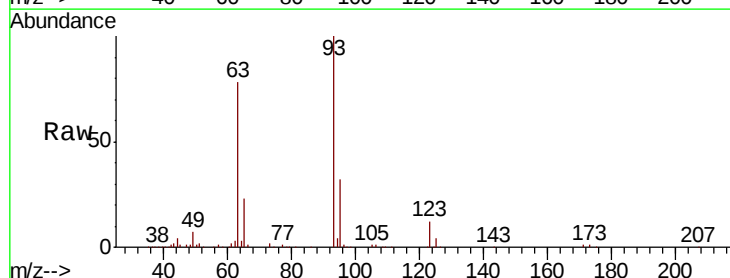
Instrument :
 BNA_G
 ClientSampleId :

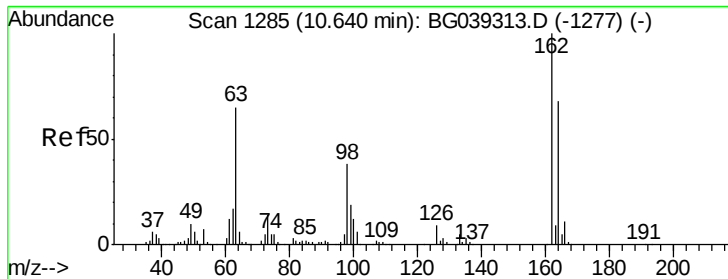
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.0	91.7	137.5
121	60.8	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 60.026 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.0	37.4
123	12.0	8.6	12.8

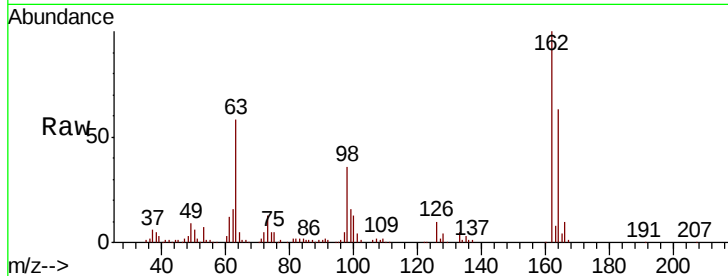




#29
2,4-Dichlorophenol
Concen: 47.911 ng
RT: 10.64 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	48.1	88.1
98	35.7	18.1	58.1

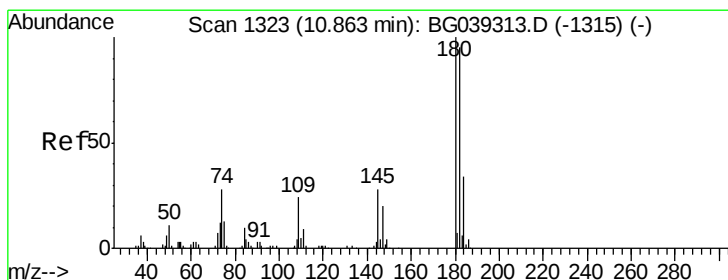
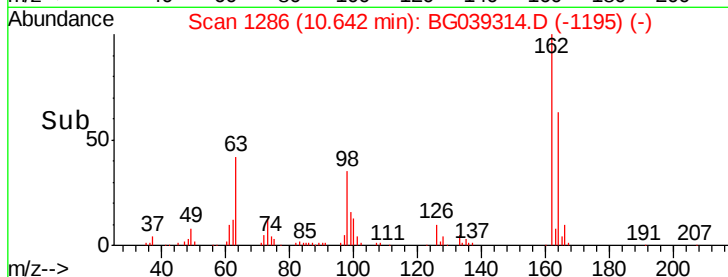
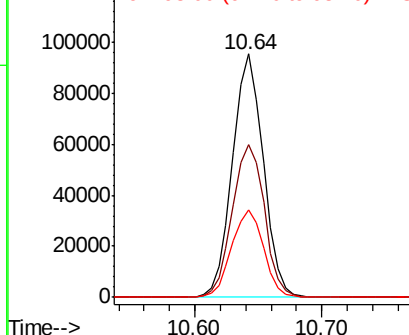


Abundance

Ion 162.00 (161.70 to 162.70): E

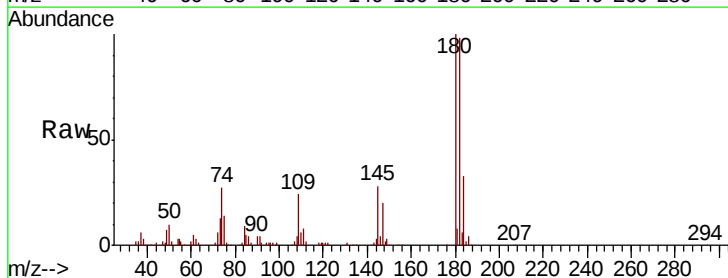
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 43.185 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.0	114.0
145	27.9	22.7	34.1

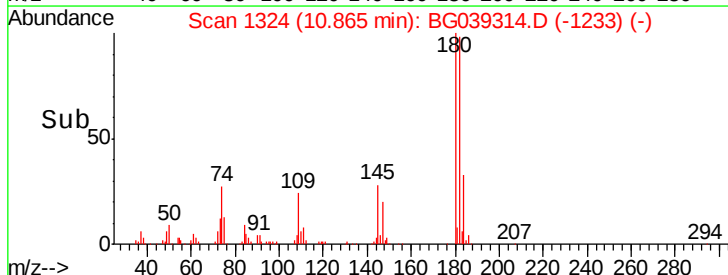
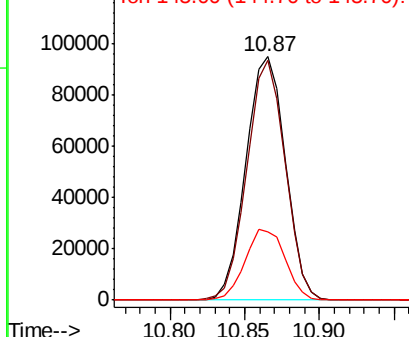


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

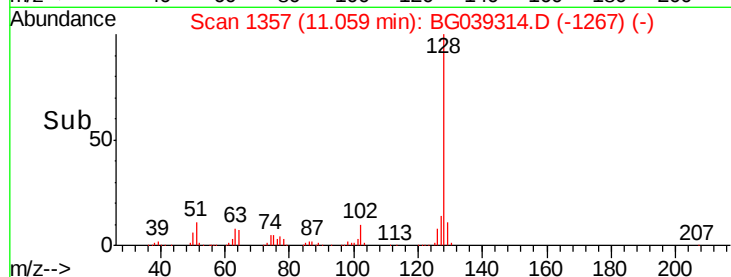
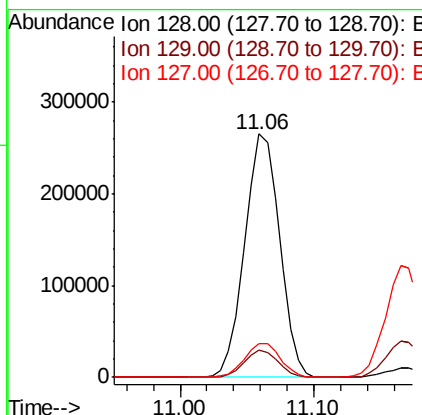
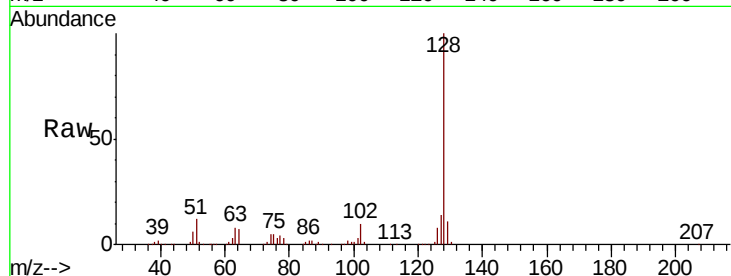




#31
Naphthalene
Concen: 49.868 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

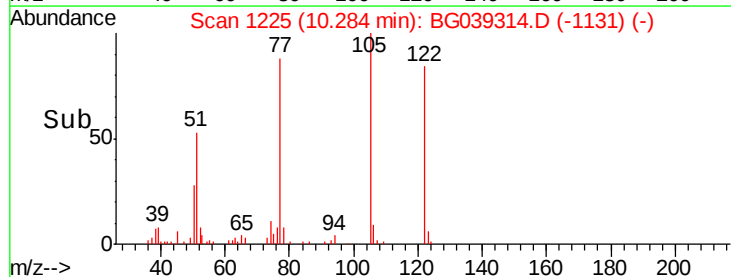
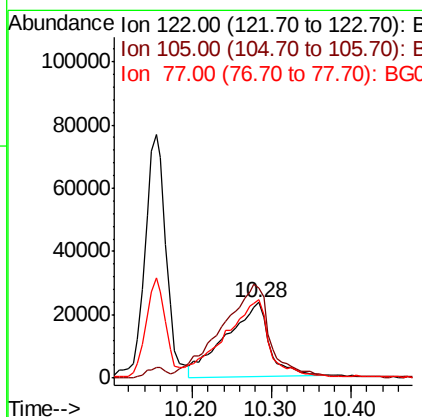
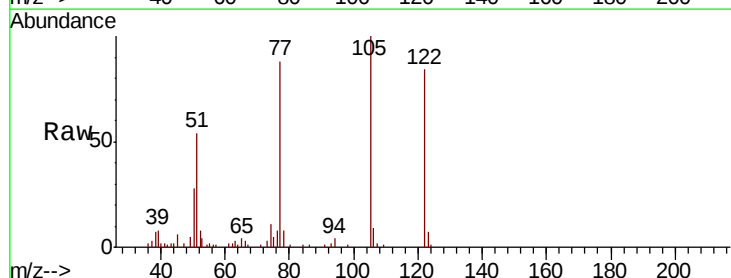
Instrument :
BNA_G
ClientSampleId :

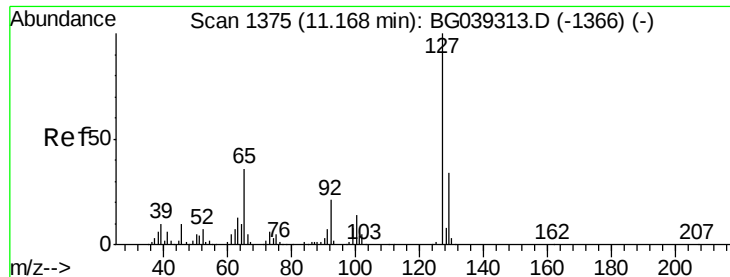
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.7	10.8	16.2



#32
Benzoic acid
Concen: 61.754 ng
RT: 10.28 min Scan# 1225
Delta R.T. 0.02 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	101.8	141.8
77	104.5	76.3	116.3

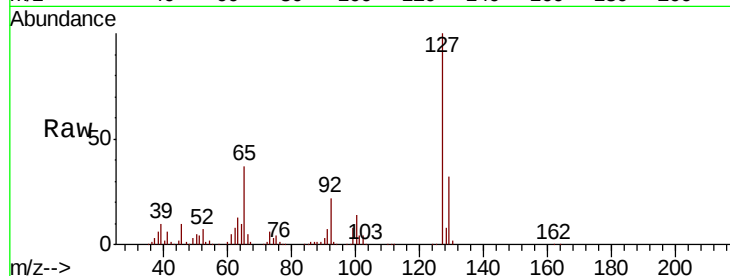




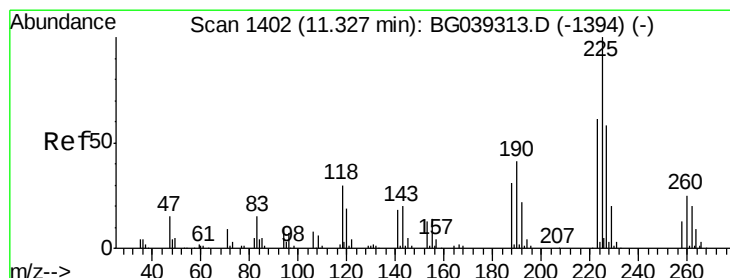
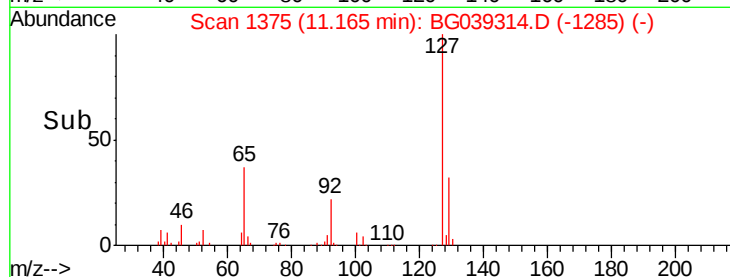
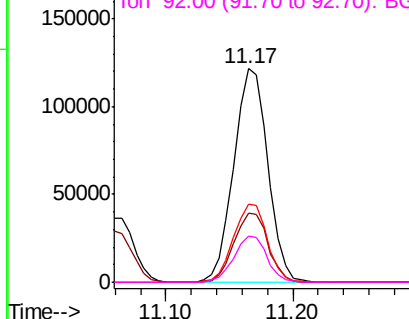
#33
4-Chloroaniline
Concen: 52.591 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	226371
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.0	40.4
65	36.8	28.8	43.2
92	21.7	16.6	25.0

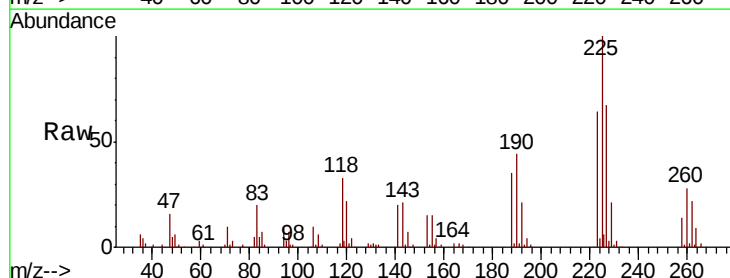


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

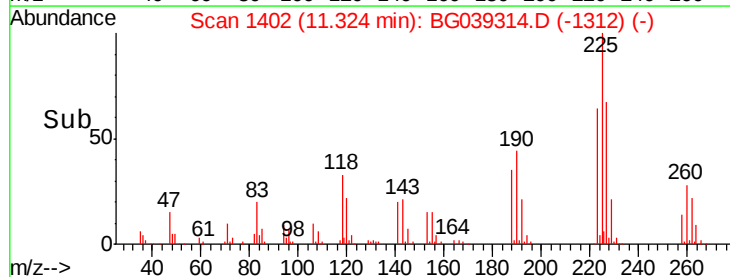
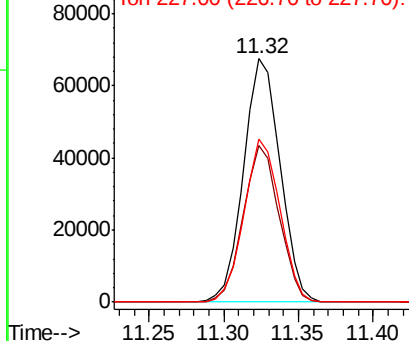


#34
Hexachlorobutadiene
Concen: 41.336 ng
RT: 11.32 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion:	225	Resp:	114463
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.0	73.6
227	66.8	46.3	69.5



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





#35

Caprolactam

Concen: 50.295 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampleId :

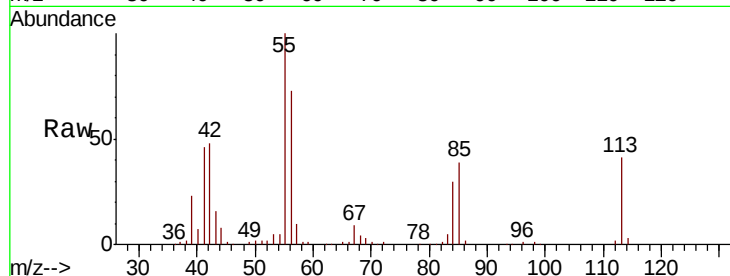
Tot Ion:113 Resp: 67551

Ion Ratio Lower Upper

113 100

55 243.2 216.9 256.9

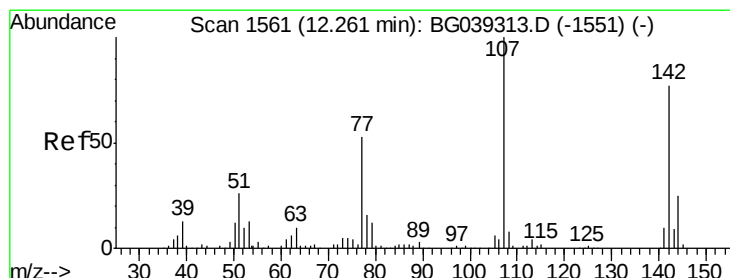
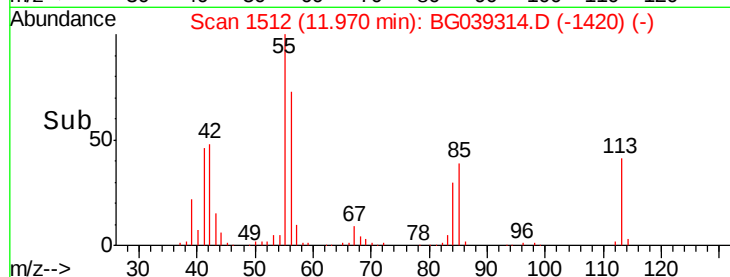
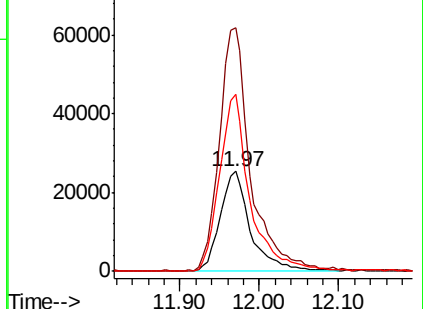
56 177.1 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.125 ng

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

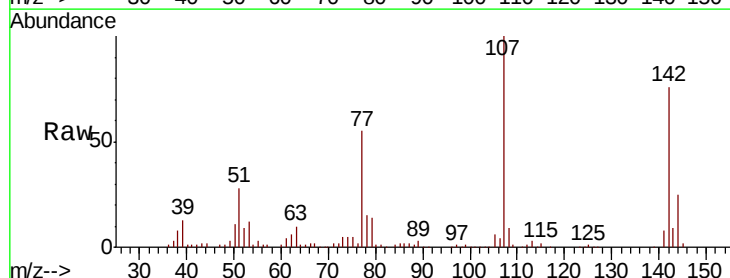
Tgt Ion:107 Resp: 183148

Ion Ratio Lower Upper

107 100

144 24.5 20.2 30.2

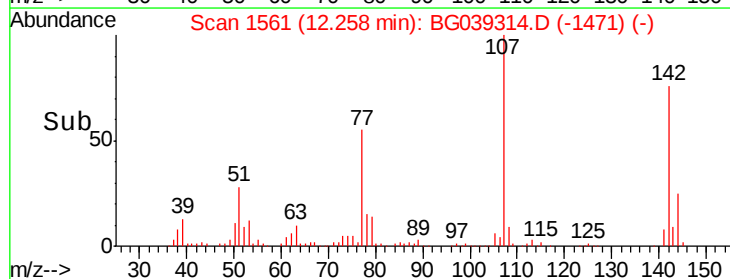
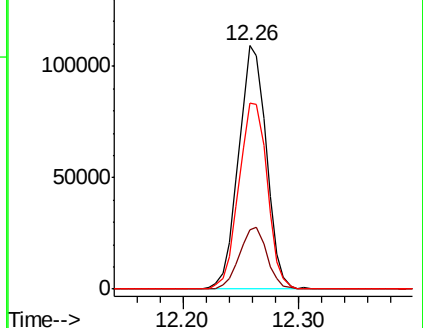
142 76.5 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

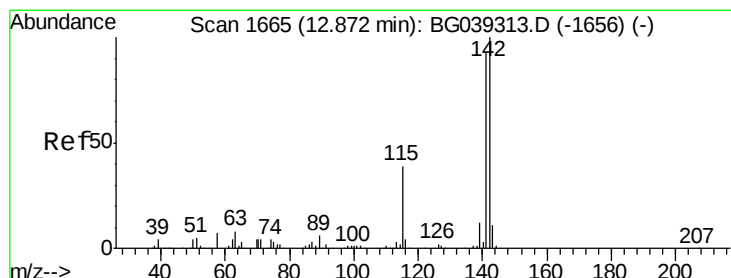
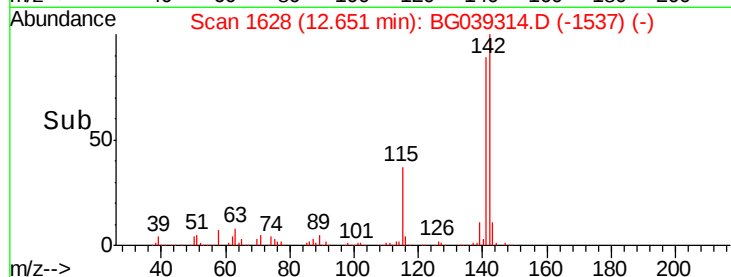
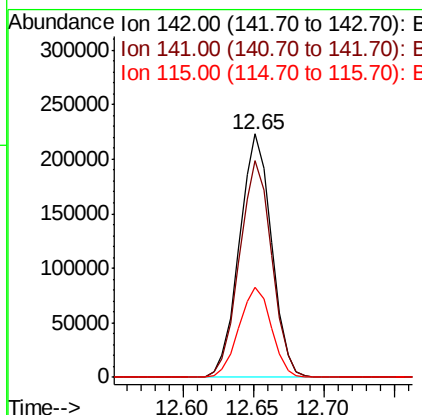
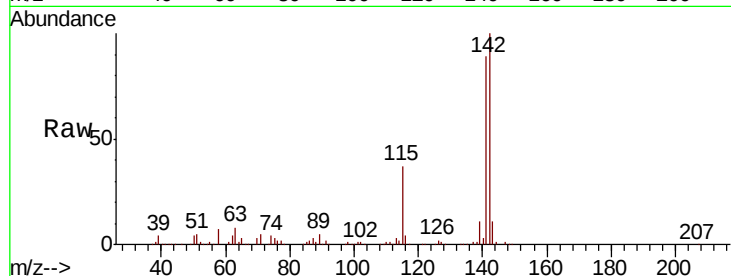




#37
2-Methylnaphthalene
Concen: 49.258 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

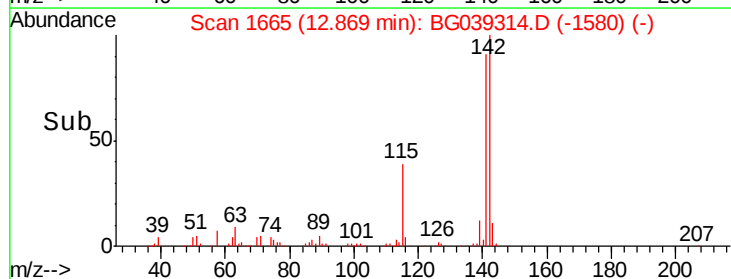
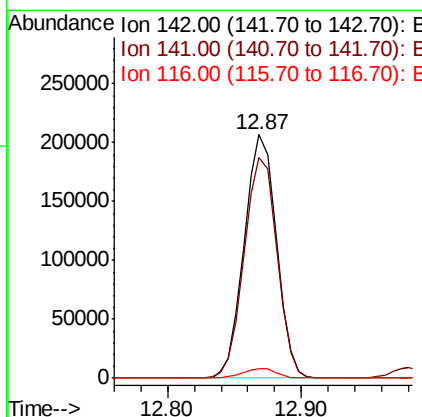
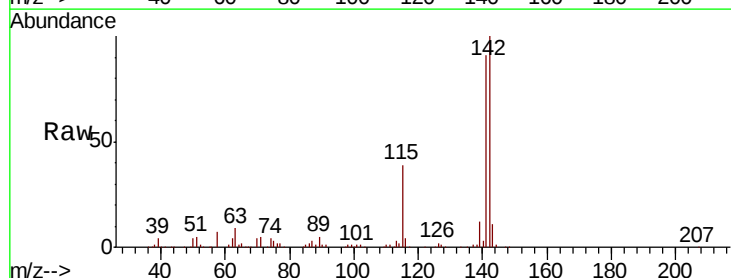
Instrument :
BNA_G
ClientSampleId :

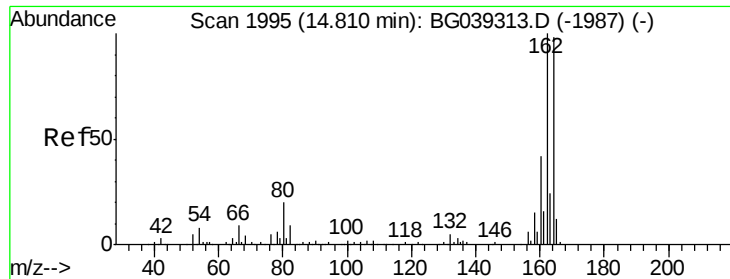
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.5	110.3
115	37.0	30.8	46.2



#38
1-Methylnaphthalene
Concen: 49.542 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.2	111.4
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampled :

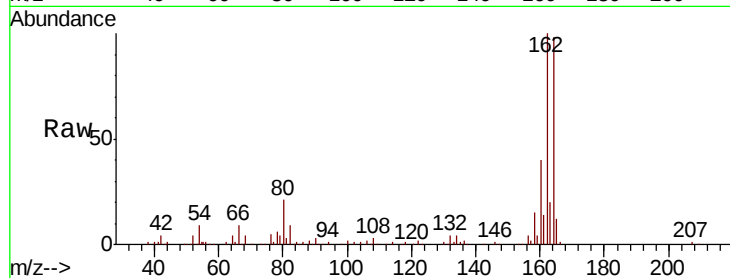
Tot Ion:164 Resp: 128116

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 41.2 34.2 51.2

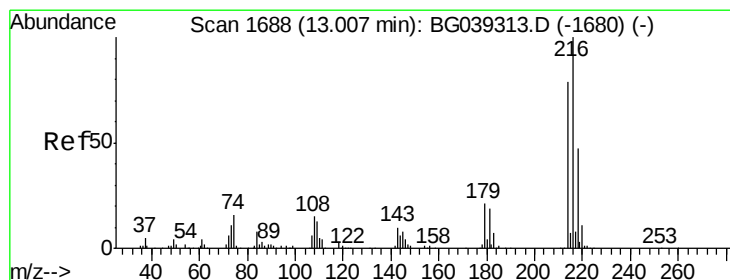
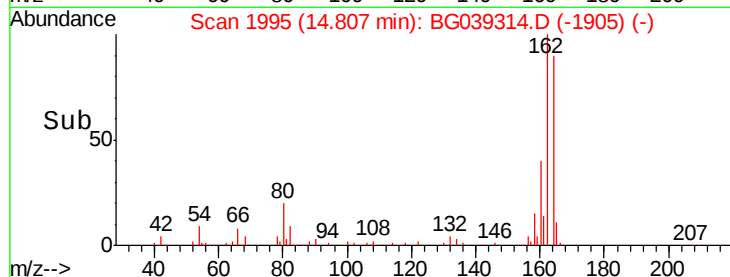
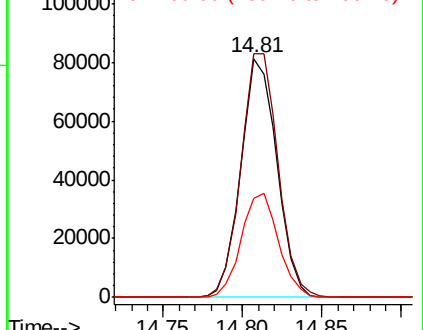


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.325 ng

RT: 13.01 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Tgt Ion:216 Resp: 208456

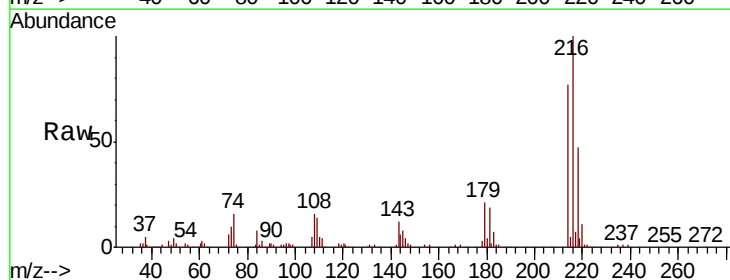
Ion Ratio Lower Upper

216 100

214 78.2 62.6 94.0

179 21.0 16.6 25.0

108 17.6 14.0 21.0



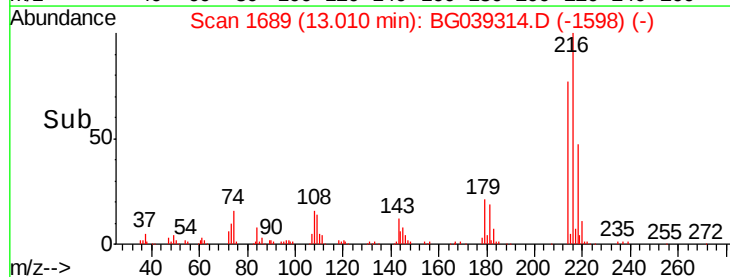
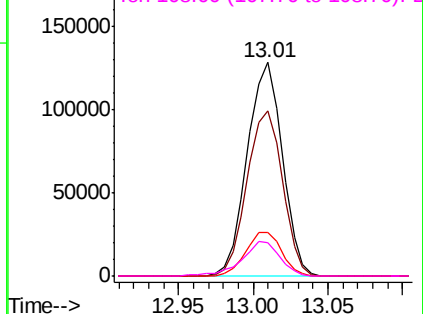
Abundance

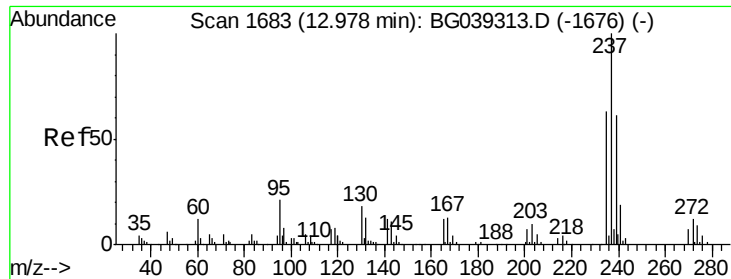
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

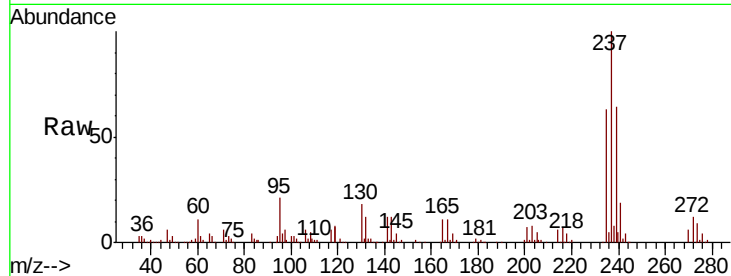




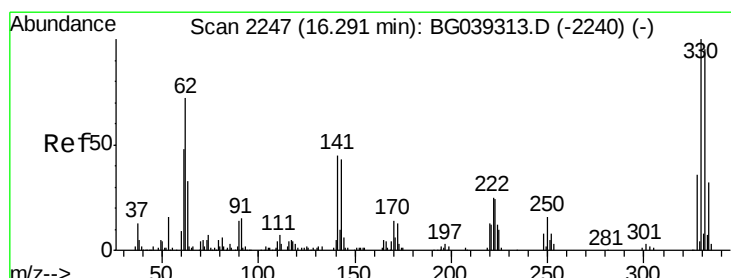
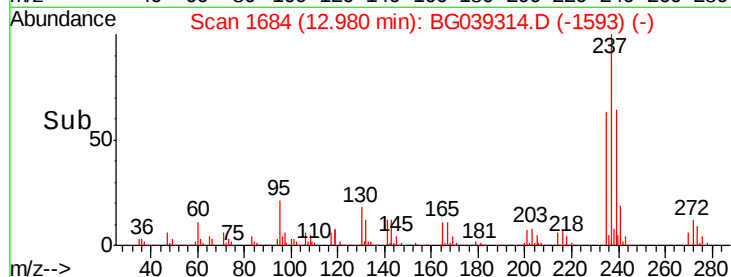
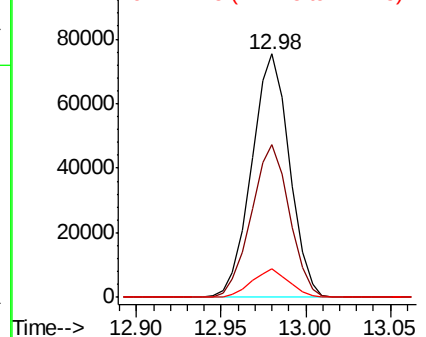
#41
Hexachlorocyclopentadiene
Concen: 49.500 ng
RT: 12.98 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 117096
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 11.6 0.0 32.3

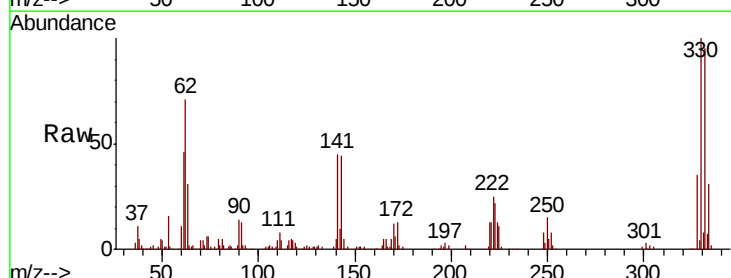


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

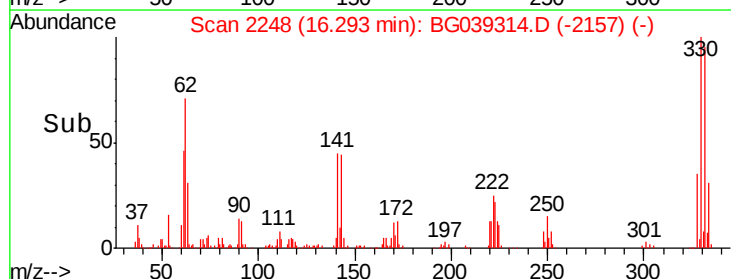
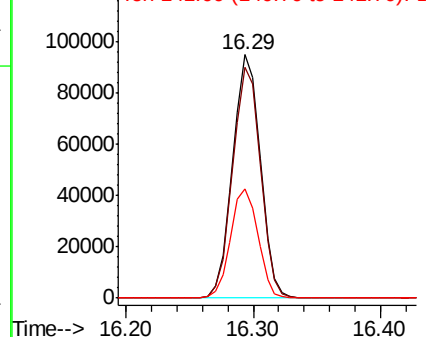


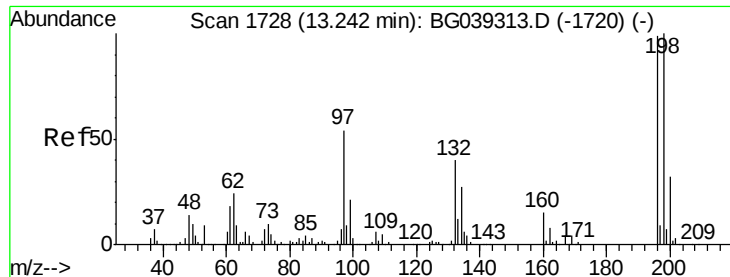
#42
2,4,6-Tribromophenol
Concen: 66.721 ng
RT: 16.29 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion:330 Resp: 143288
Ion Ratio Lower Upper
330 100
332 95.1 75.7 113.5
141 44.6 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

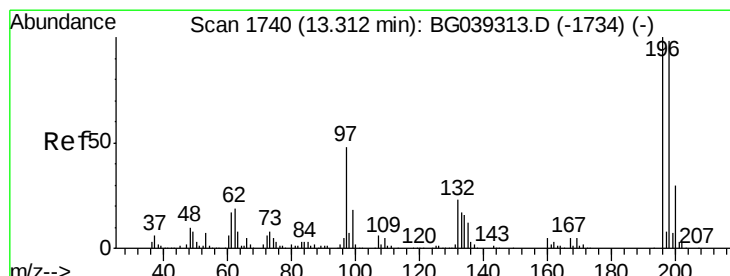
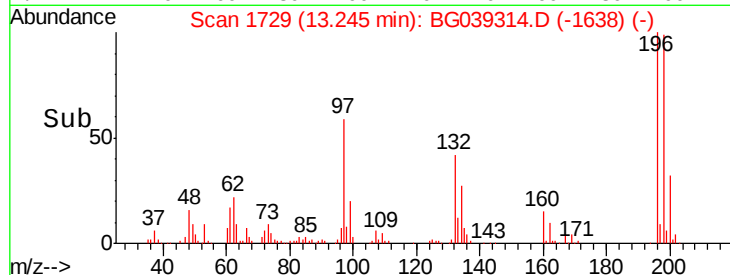
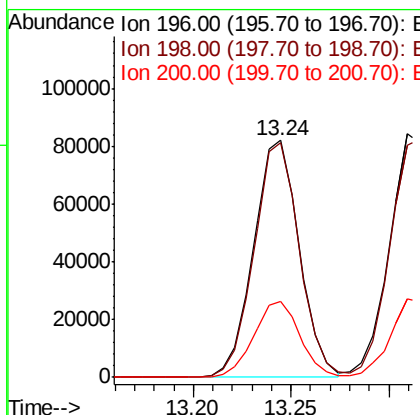
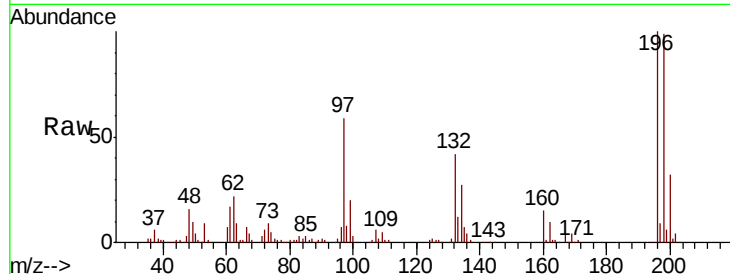




#43
 2,4,6-Trichlorophenol
 Concen: 43.785 ng
 RT: 13.24 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

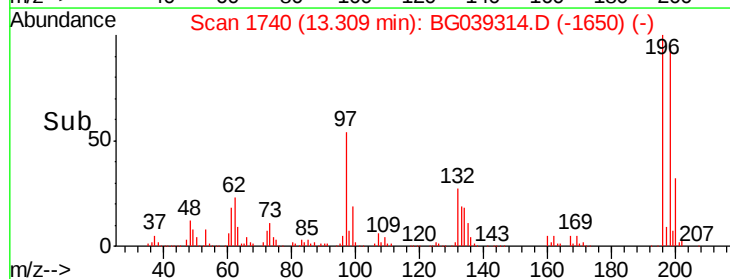
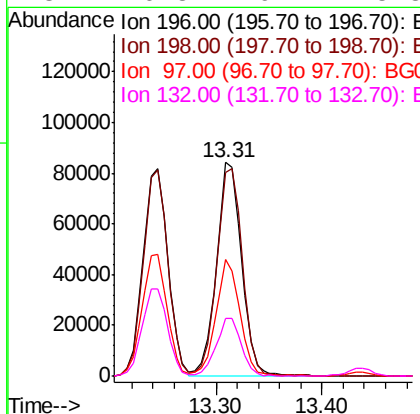
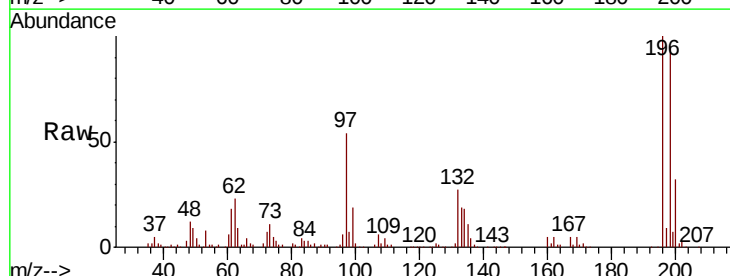
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	80.6	121.0
200	32.0	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.818 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	78.5	117.7
97	54.3	38.4	57.6
132	26.8	19.2	28.8

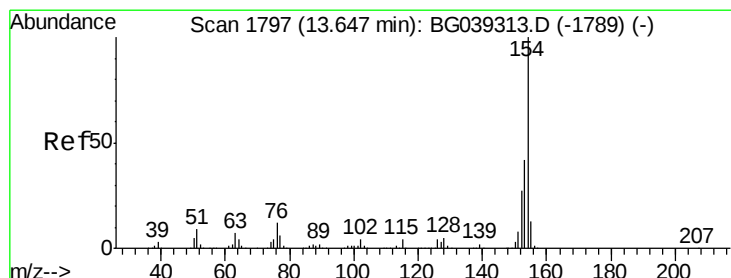
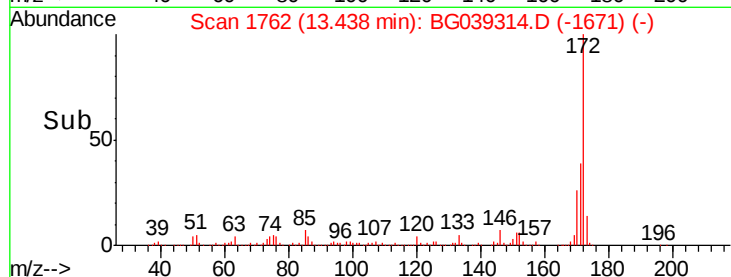
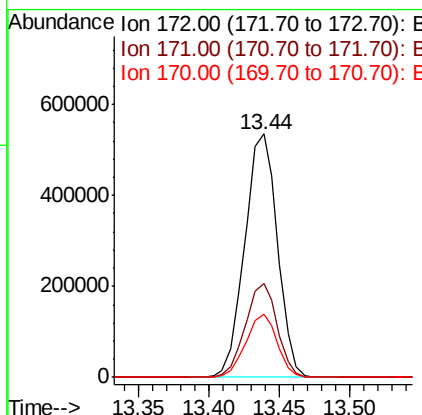
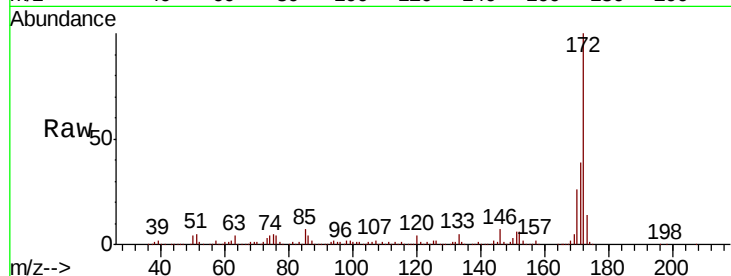




#45
 2-Fluorobiphenyl
 Concen: 92.723 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

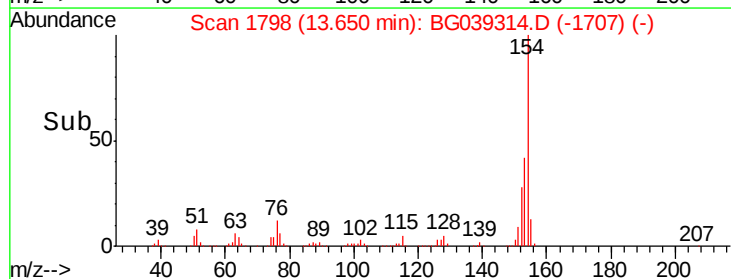
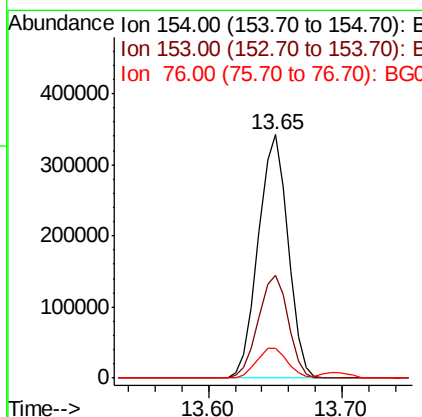
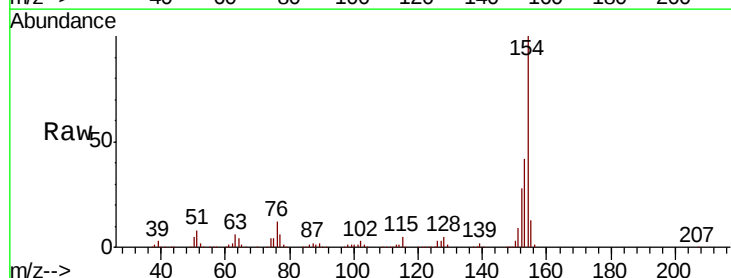
Instrument :
 BNA_G
 ClientSampleId :

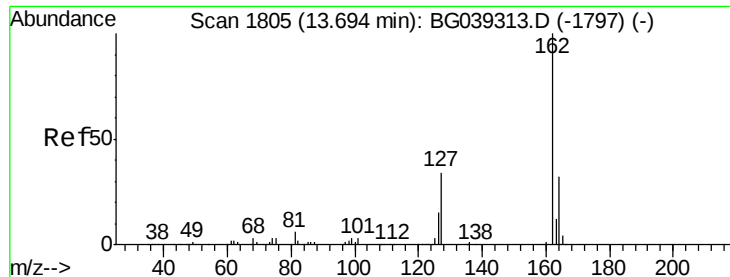
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	25.9	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 51.767 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	12.3	0.0	32.4

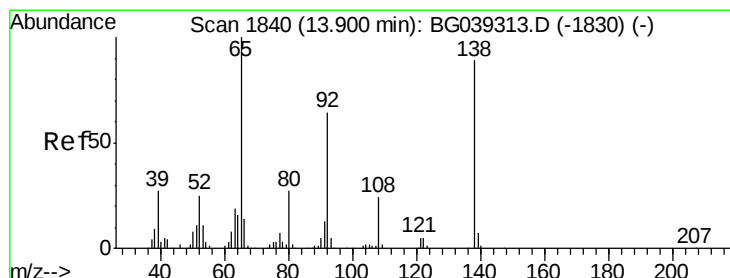
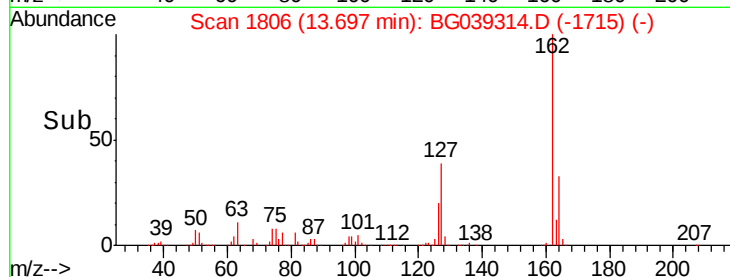
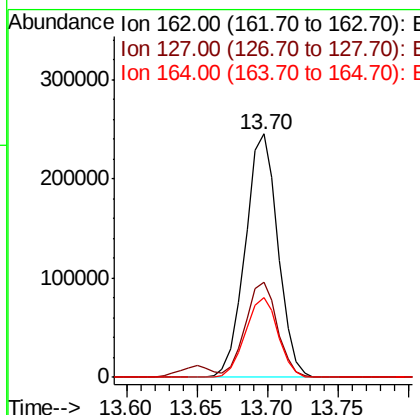
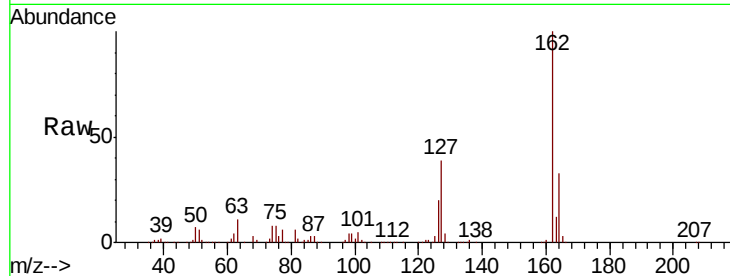




#47
 2-Chloronaphthalene
 Concen: 48.285 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

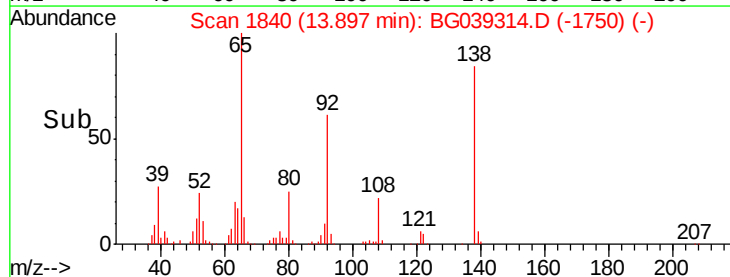
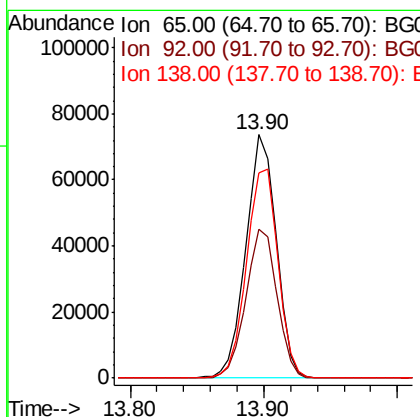
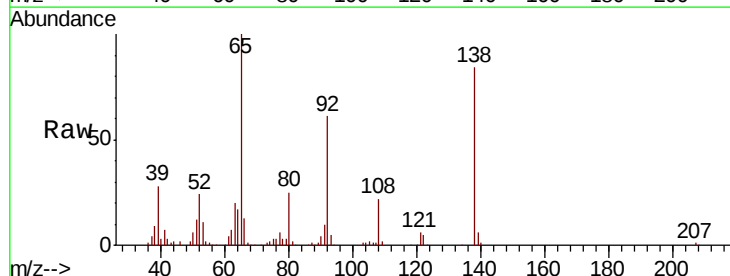
Instrument :
 BNA_G
 ClientSampleId :

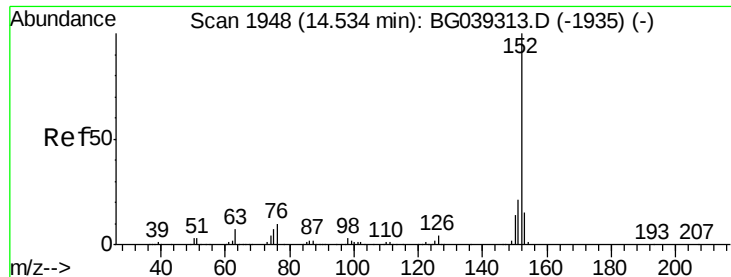
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.0	46.6
164	32.8	25.7	38.5



#48
 2-Nitroaniline
 Concen: 50.107 ng
 RT: 13.90 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.3	51.4	77.2
138	84.2	71.4	107.2





#49

Acenaphthylene

Concen: 48.496 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampleId :

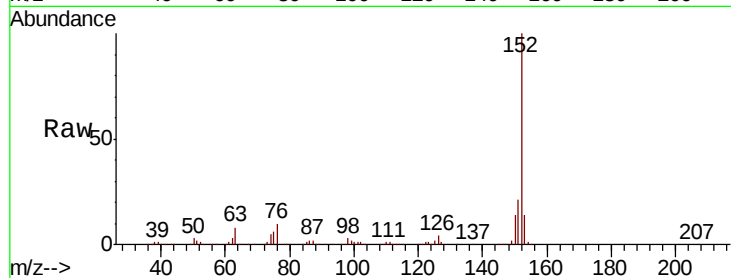
Tot Ion:152 Resp: 598813

Ion Ratio Lower Upper

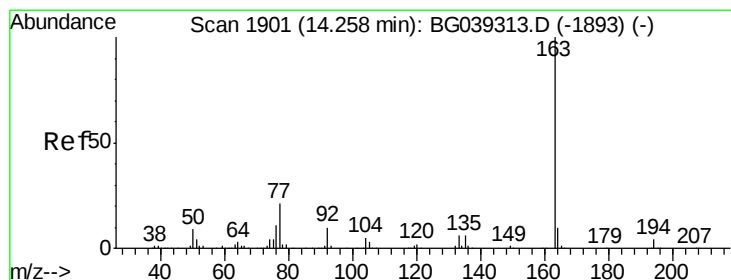
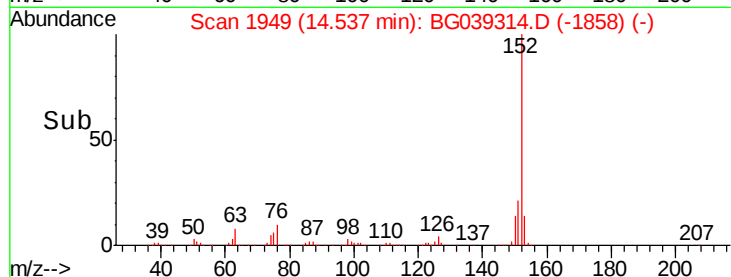
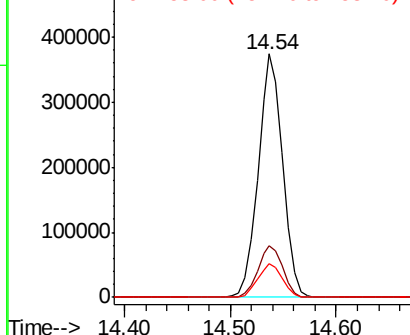
152 100

151 21.2 16.8 25.2

153 13.8 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: 47.460 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

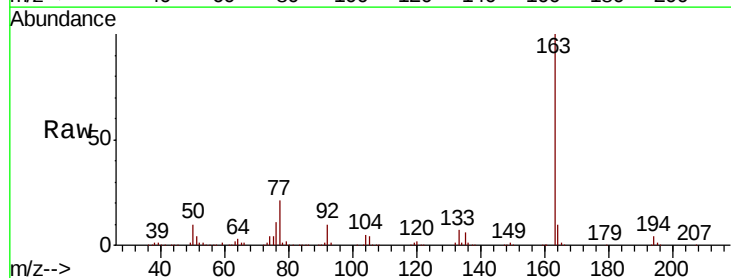
Tgt Ion:163 Resp: 513822

Ion Ratio Lower Upper

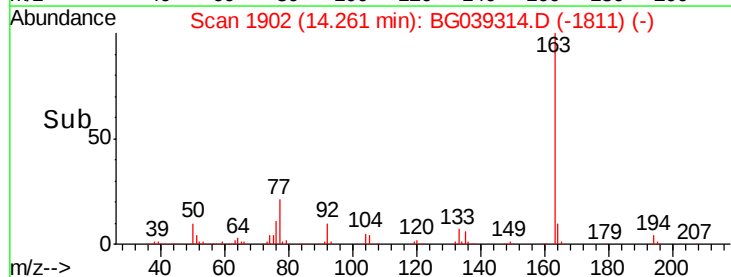
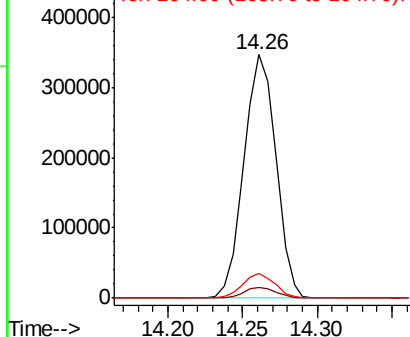
163 100

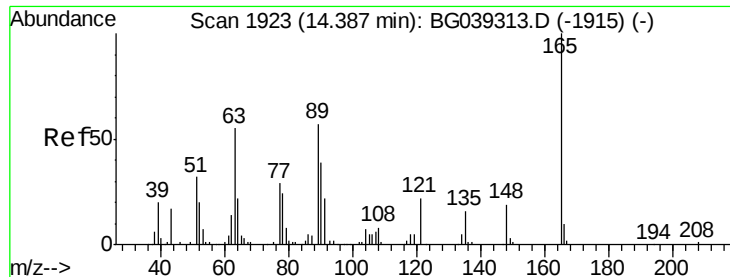
194 4.3 3.6 5.4

164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.038 ng

RT: 14.38 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampleId :

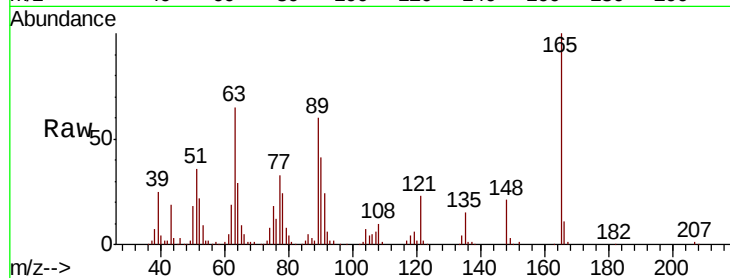
Tot Ion:165 Resp: 96912

Ion Ratio Lower Upper

165 100

63 64.6 47.0 70.6

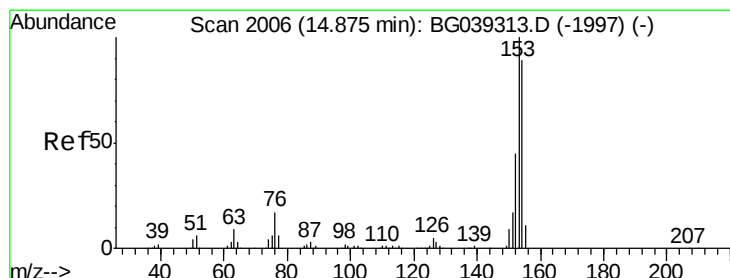
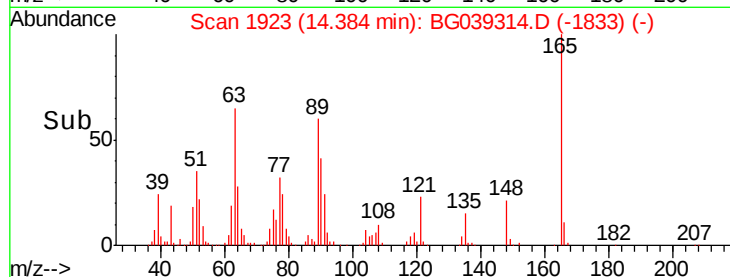
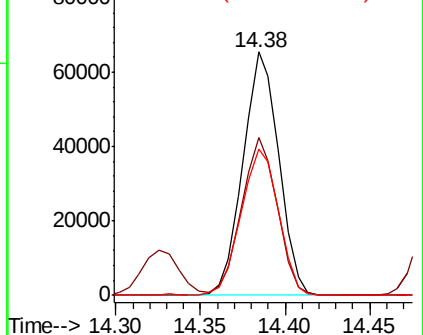
89 60.0 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 53.899 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

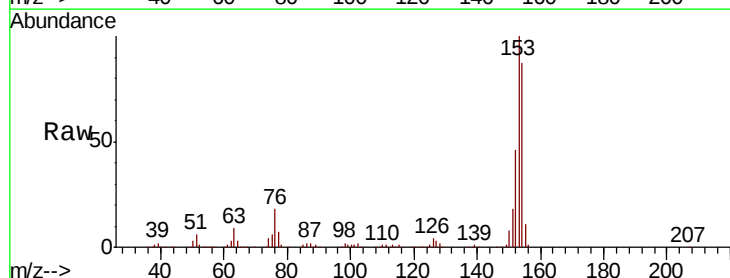
Tgt Ion:154 Resp: 399862

Ion Ratio Lower Upper

154 100

153 114.4 90.1 135.1

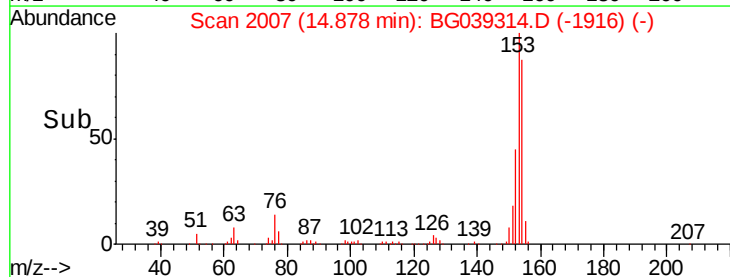
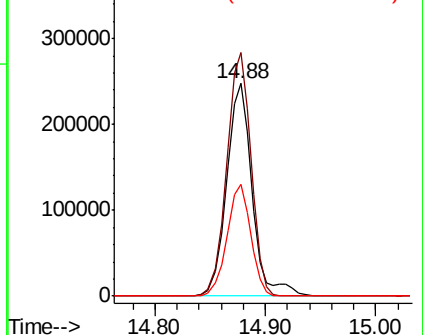
152 52.6 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

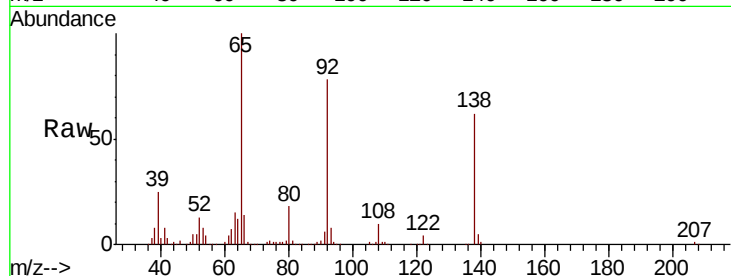




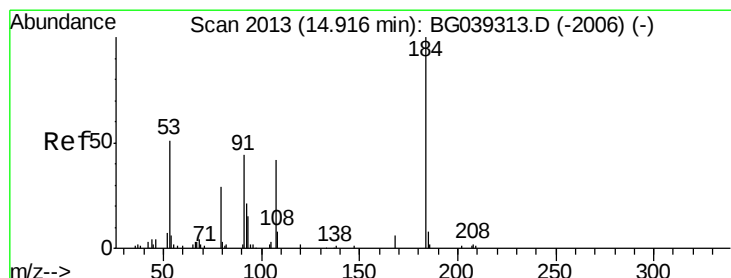
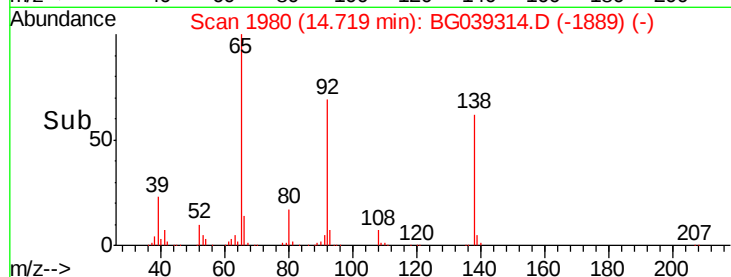
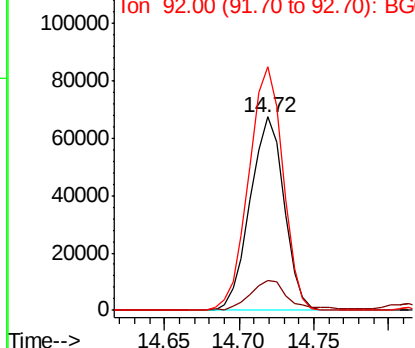
#53
3-Nitroaniline
Concen: 43.285 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 106284
Ion Ratio Lower Upper
138 100
108 15.6 13.8 20.8
92 126.0 103.7 155.5

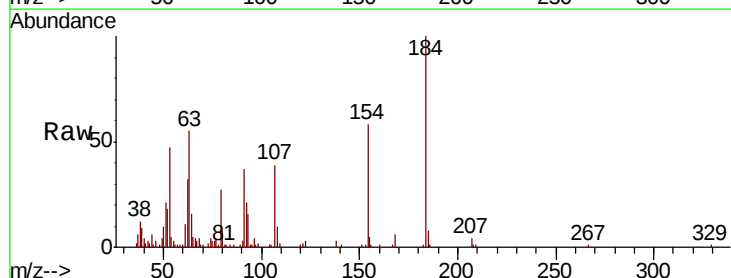


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG

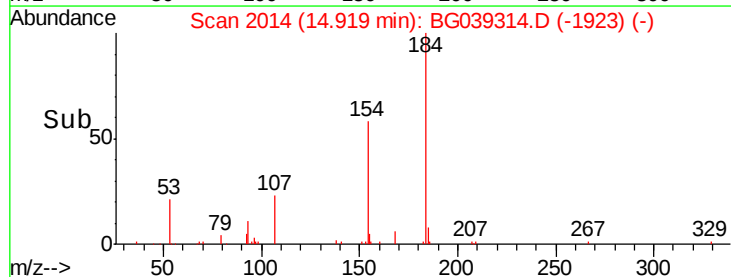
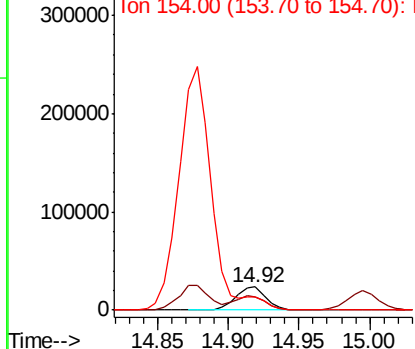


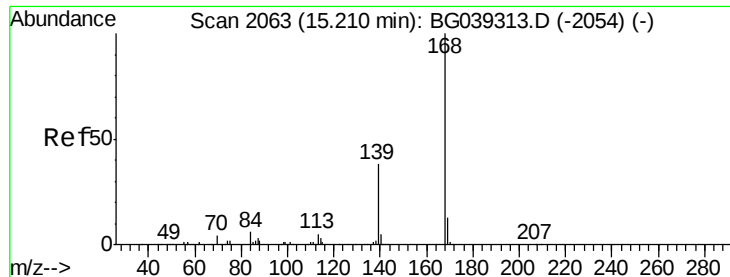
#54
2,4-Dinitrophenol
Concen: 27.876 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion:184 Resp: 34872
Ion Ratio Lower Upper
184 100
63 55.4 50.9 76.3
154 57.6 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

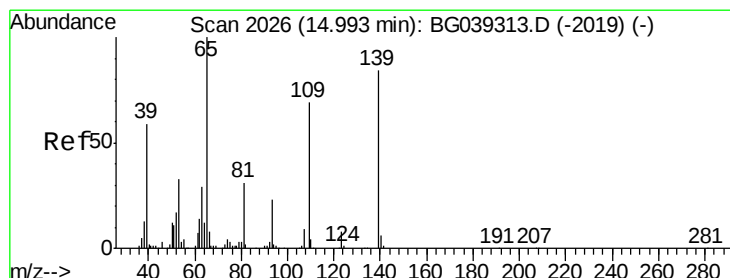
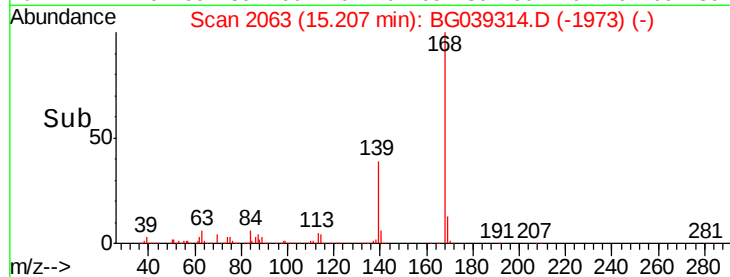
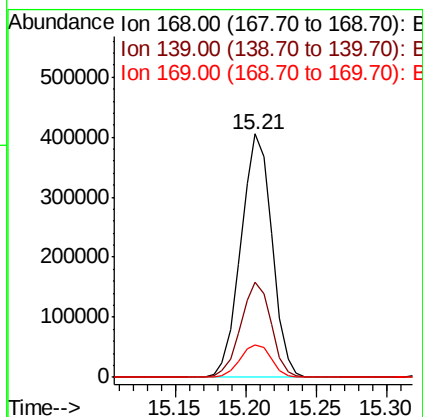
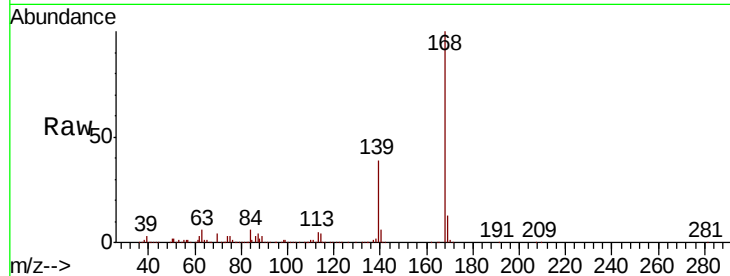




#55
 Dibenzofuran
 Concen: 47.595 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

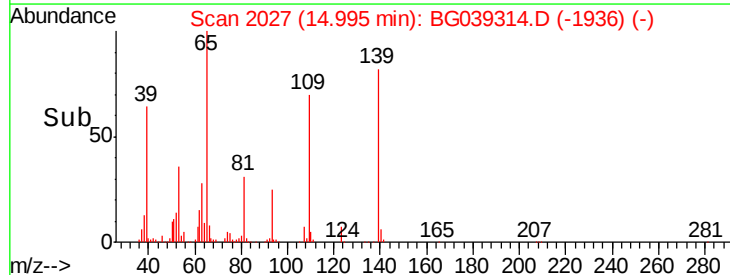
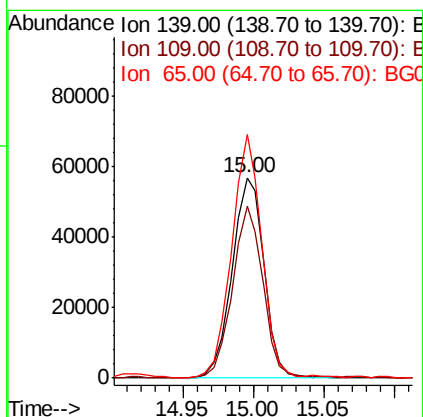
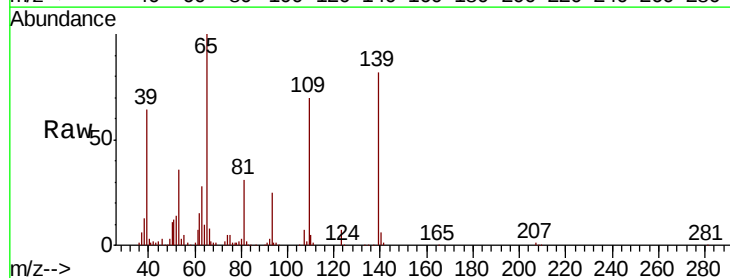
Instrument :
 BNA_G
 ClientSampleId :

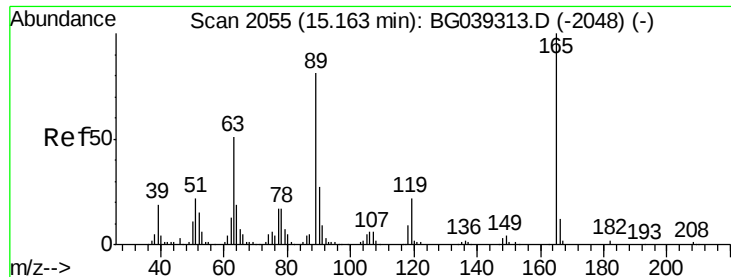
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1
169	13.3	10.6	16.0



#56
 4-Nitrophenol
 Concen: 50.479 ng
 RT: 15.00 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.7	61.9	101.9
65	121.6	99.1	139.1

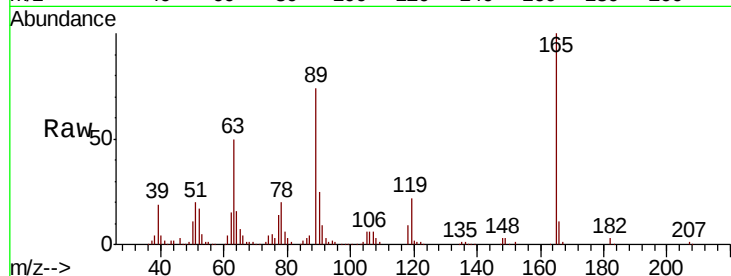




#57
 2,4-Dinitrotoluene
 Concen: 35.051 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.9	41.0	61.6
89	73.9	64.6	96.8
182	3.3	2.0	3.0#



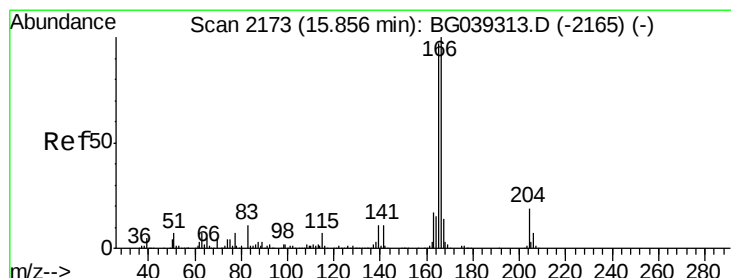
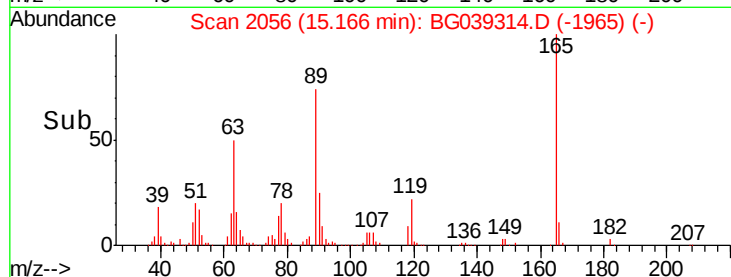
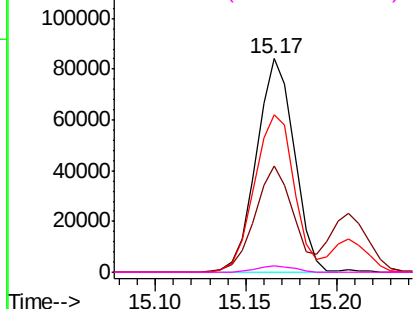
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

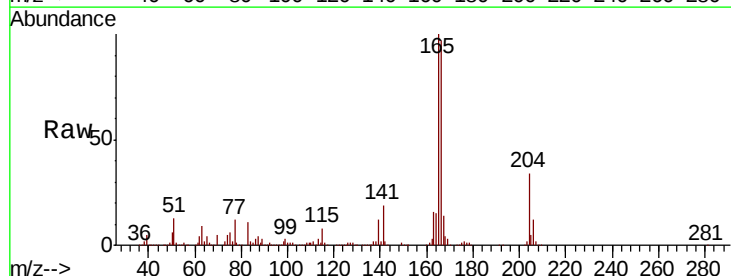
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 46.151 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.0	77.9	116.9
167	14.2	10.8	16.2

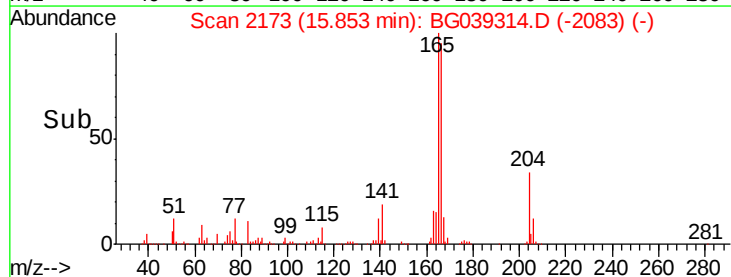
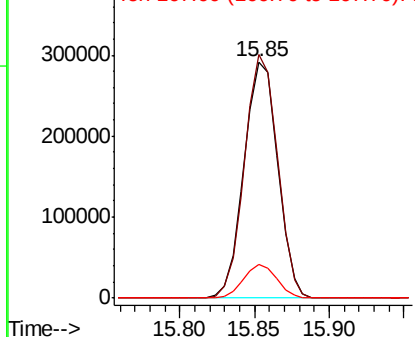


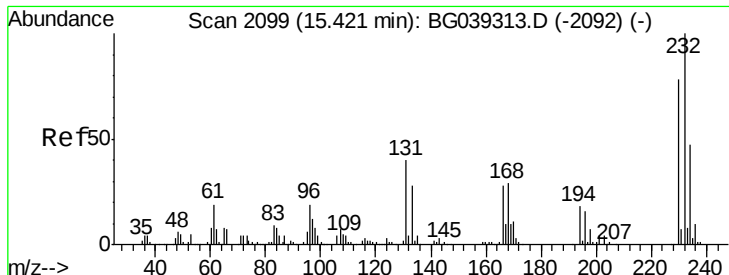
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

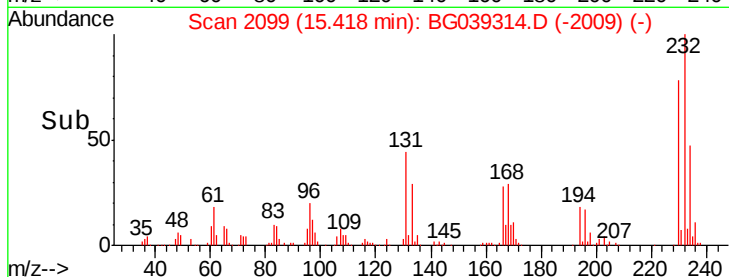
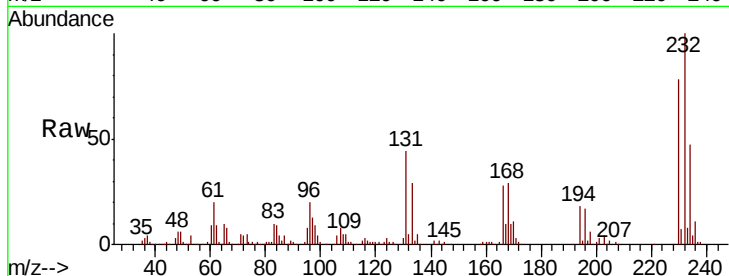




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.421 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	34.9	52.3
130	2.6	2.0	3.0
166	30.2	24.1	36.1



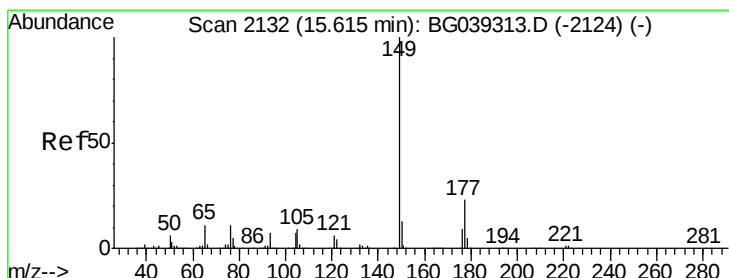
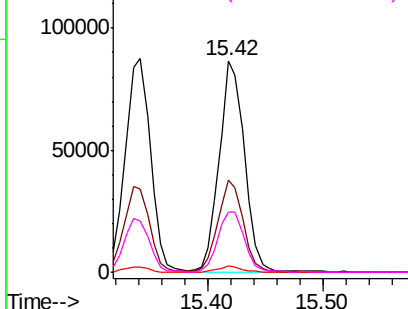
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

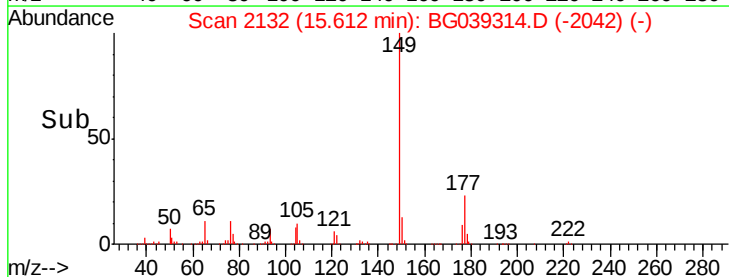
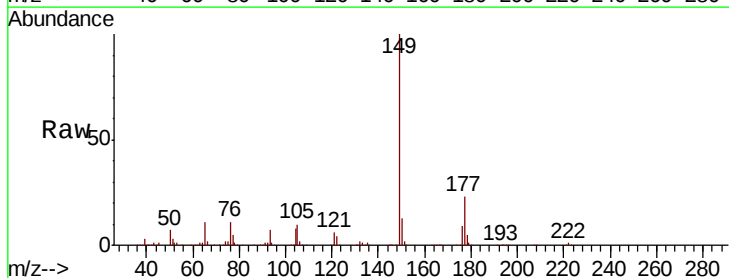
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.154 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	12.7	10.2	15.2

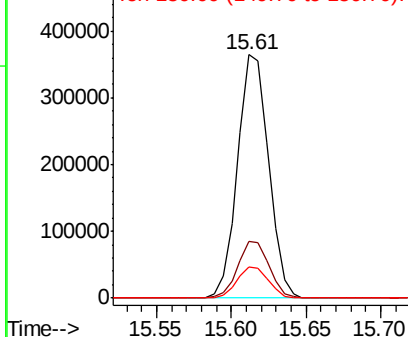


Abundance

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

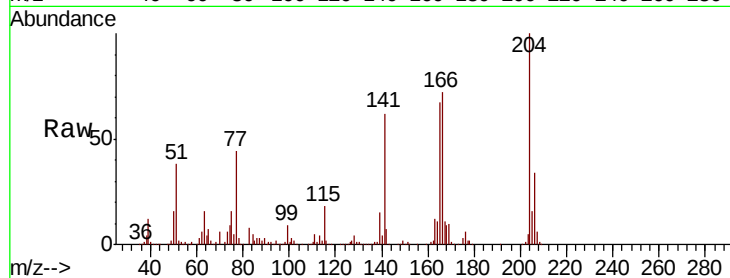




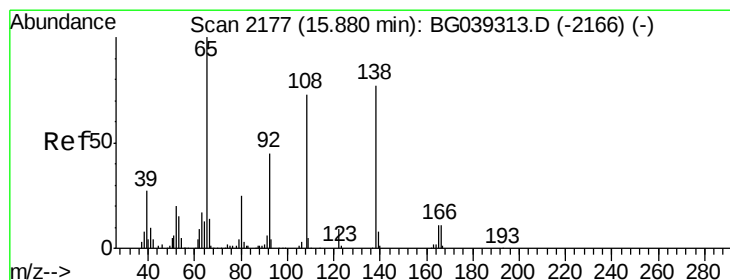
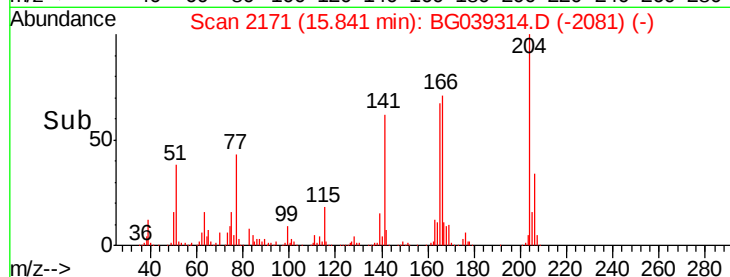
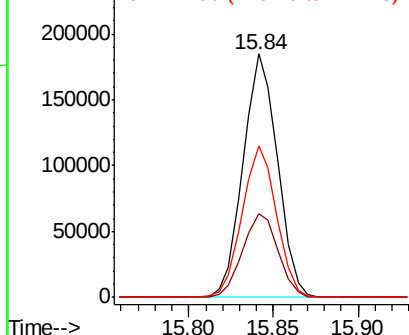
#61
4-Chlorophenyl-phenylether
Concen: 42.148 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	29.2	43.8
141	62.2	49.0	73.4

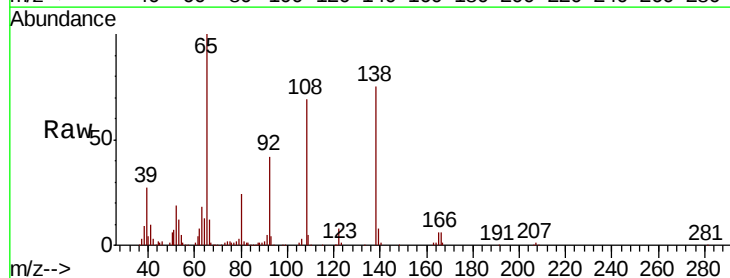


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

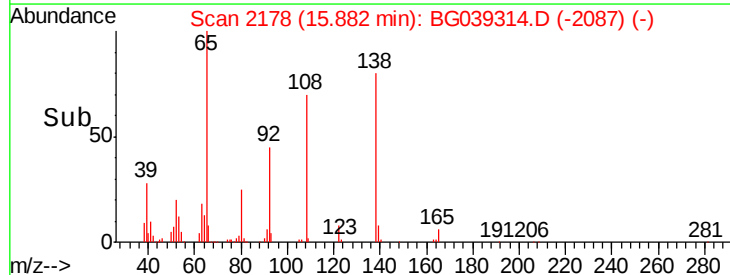
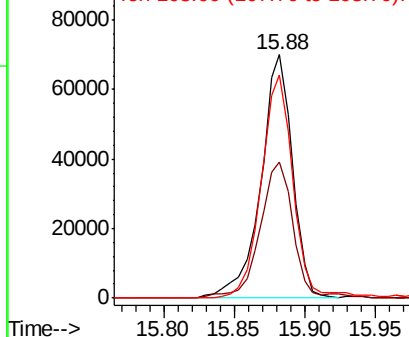


#62
4-Nitroaniline
Concen: 43.174 ng
RT: 15.88 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	38.7	78.7
108	91.6	74.6	114.6



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

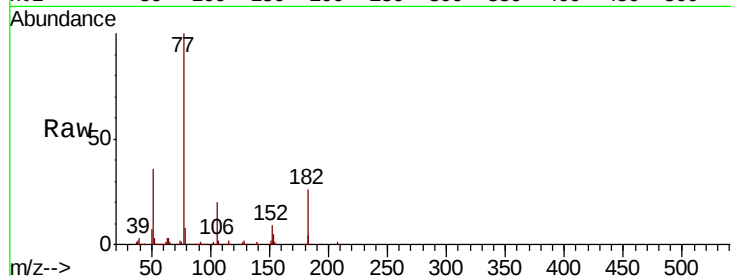




#63
Azobenzene
Concen: 59.472 ng
RT: 16.13 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	518780
Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.4	46.4
105	20.1	0.0	39.8
51	35.9	14.1	54.1

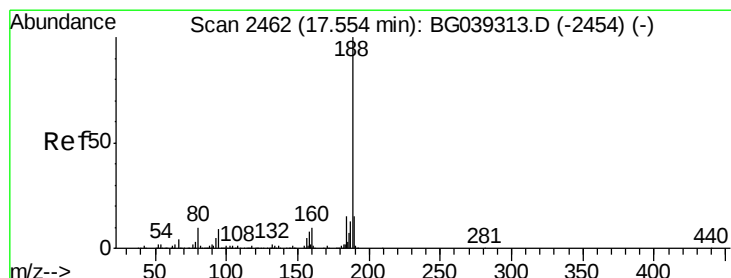
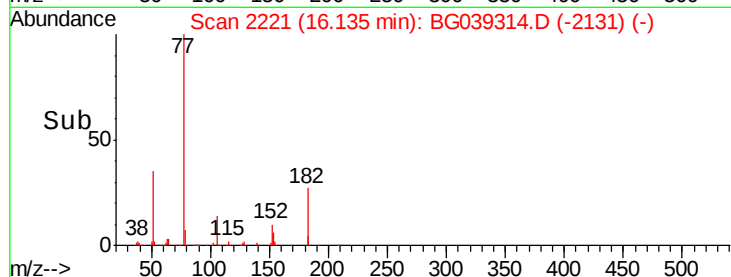
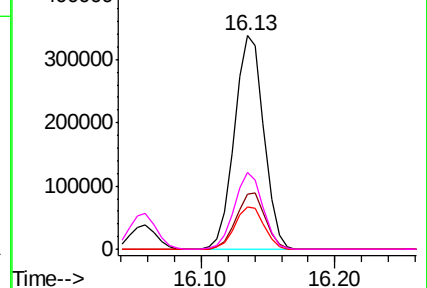


Abundance Ion 77.00 (76.70 to 77.70): BG039314.D (-2213) (-)

Ion 182.00 (181.70 to 182.70): BG039314.D (-2213) (-)

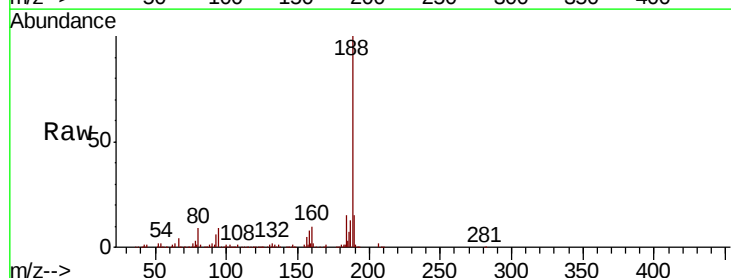
Ion 105.00 (104.70 to 105.70): BG039314.D (-2213) (-)

Ion 51.00 (50.70 to 51.70): BG039314.D (-2213) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

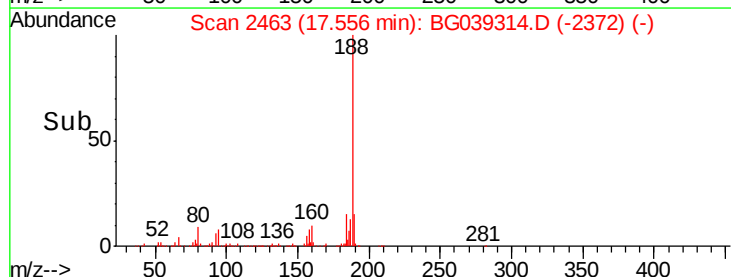
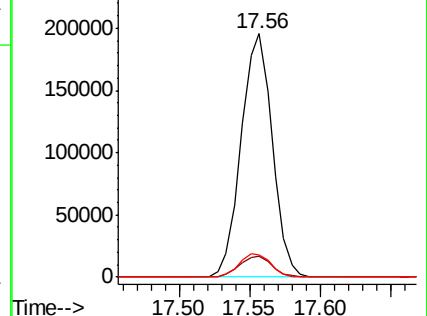
Tgt Ion:	188	Resp:	301348
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.2	8.1	12.1

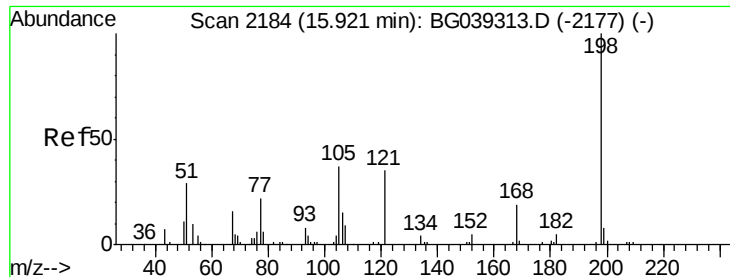


Abundance Ion 188.00 (187.70 to 188.70): BG039314.D (-2454) (-)

Ion 94.00 (93.70 to 94.70): BG039314.D (-2454) (-)

Ion 80.00 (79.70 to 80.70): BG039314.D (-2454) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 27.835 ng

RT: 15.92 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

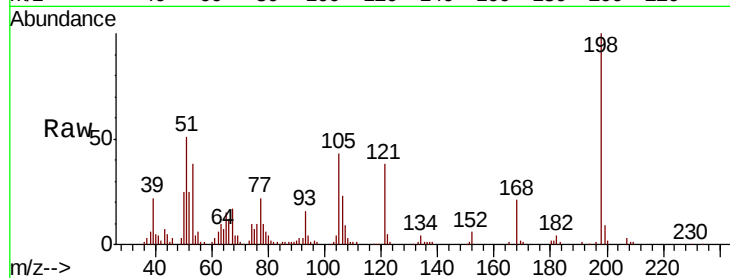
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 62143

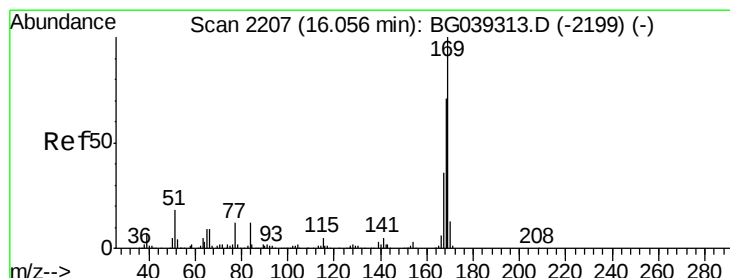
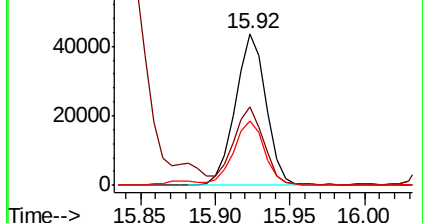
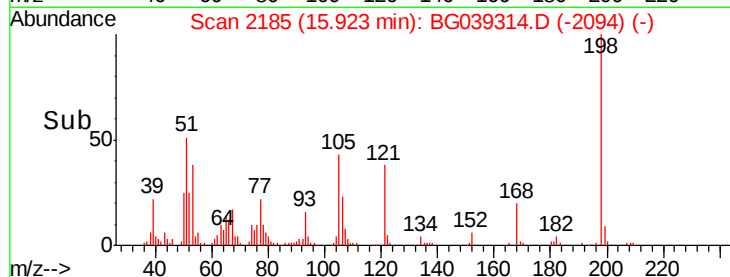
Ion	Ratio	Lower	Upper
198	100		
51	51.4	27.4	67.4
105	42.8	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039313.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.442 ng

RT: 16.06 min Scan# 2208

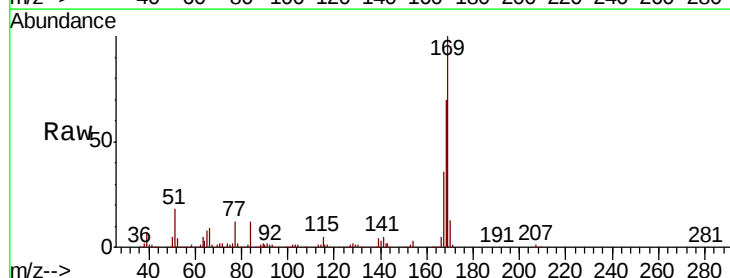
Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Tgt Ion:169 Resp: 459550

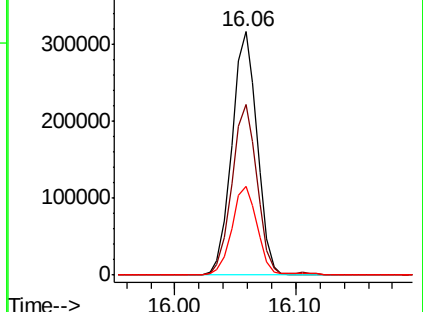
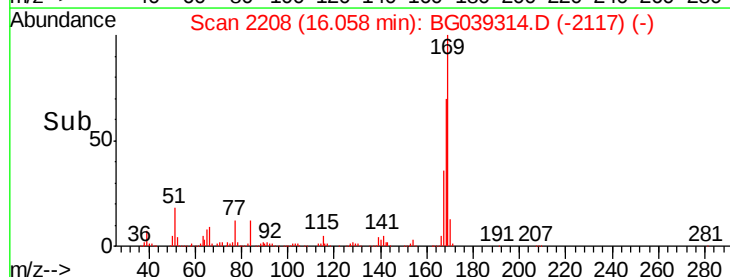
Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.6	85.0
167	36.2	28.8	43.2

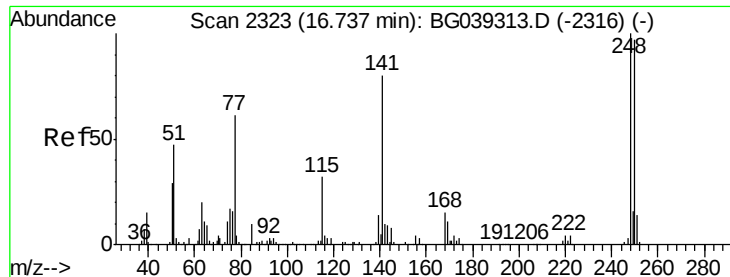


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

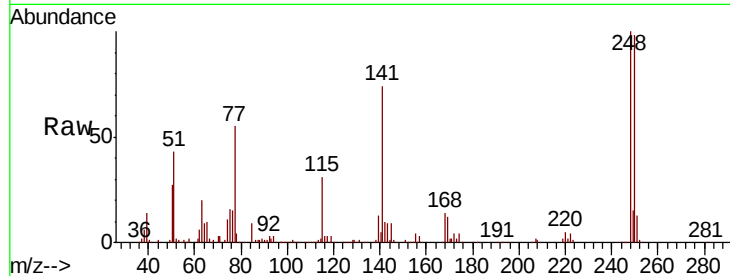




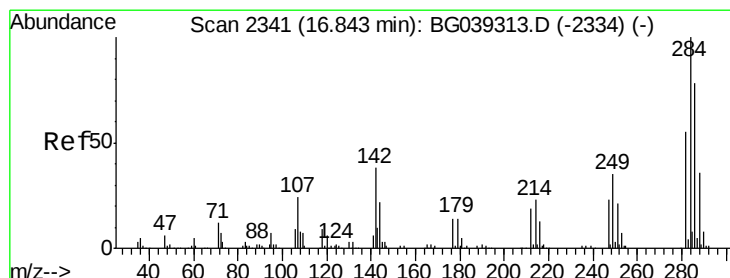
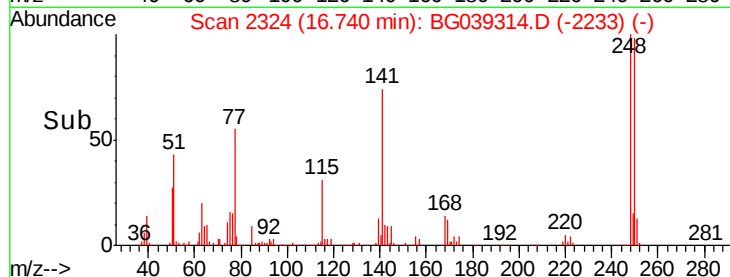
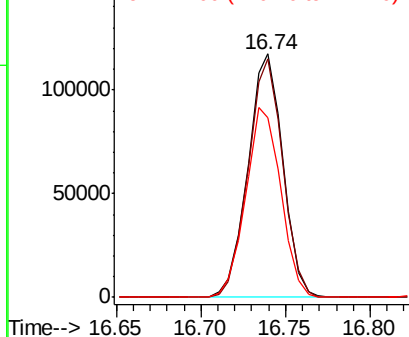
#67
4-Bromophenyl-phenylether
Concen: 43.393 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 168093
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 73.9 63.9 95.9

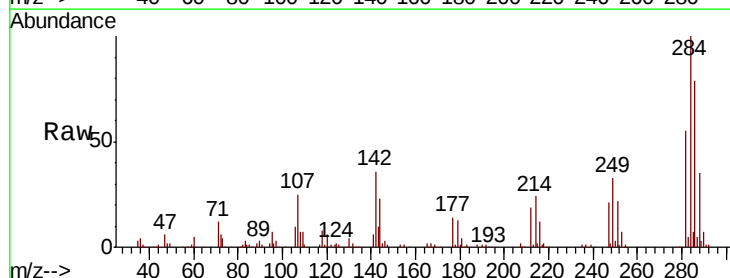


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

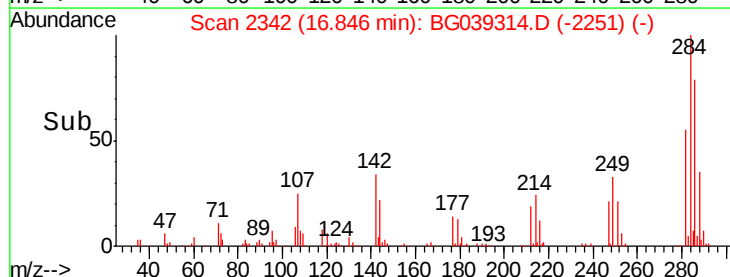
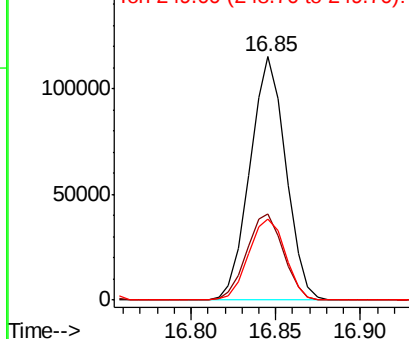


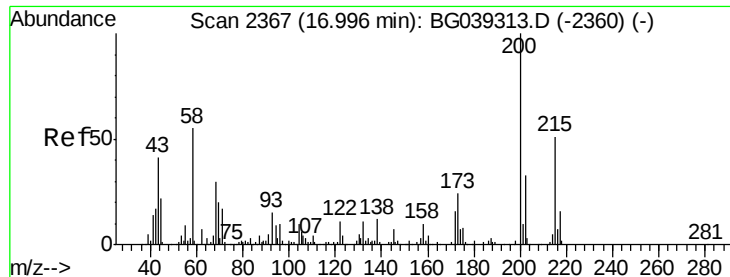
#68
Hexachlorobenzene
Concen: 40.196 ng
RT: 16.85 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion:284 Resp: 169905
Ion Ratio Lower Upper
284 100
142 35.6 30.6 45.8
249 33.2 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: 42.975 ng

RT: 17.00 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampleId :

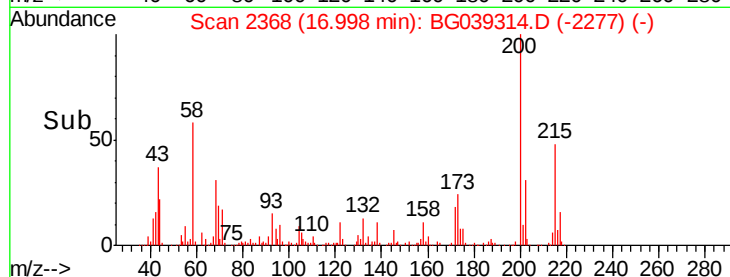
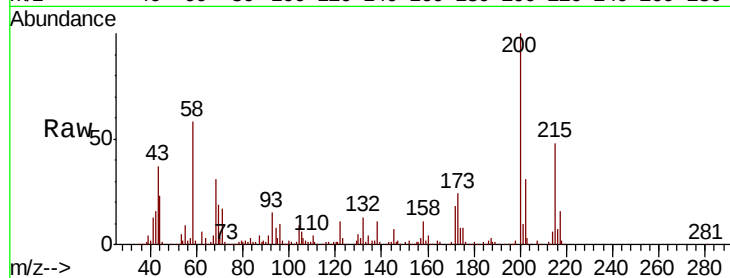
Tot Ion:200 Resp: 163093

Ion Ratio Lower Upper

200 100

173 23.8 3.9 43.9

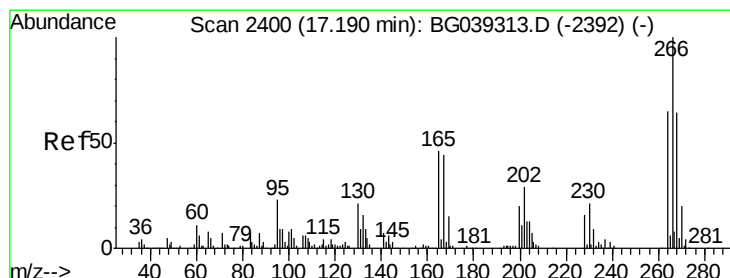
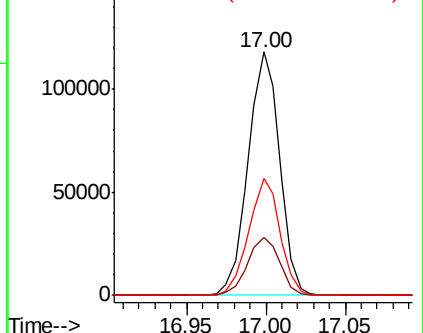
215 47.9 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 54.927 ng

RT: 17.19 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

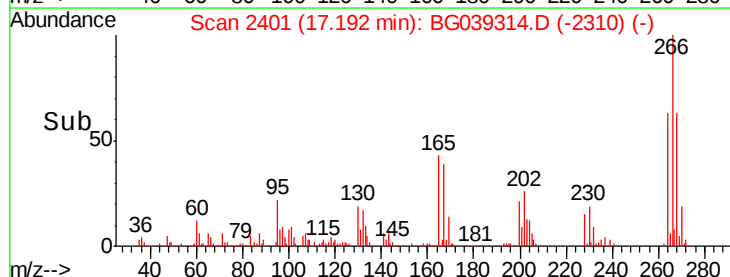
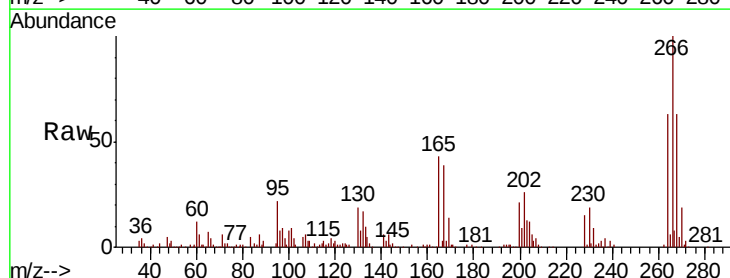
Tgt Ion:266 Resp: 124216

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

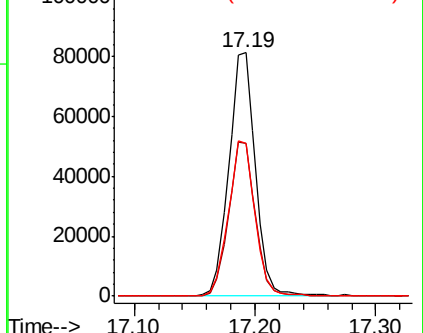
264 62.8 52.1 78.1



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

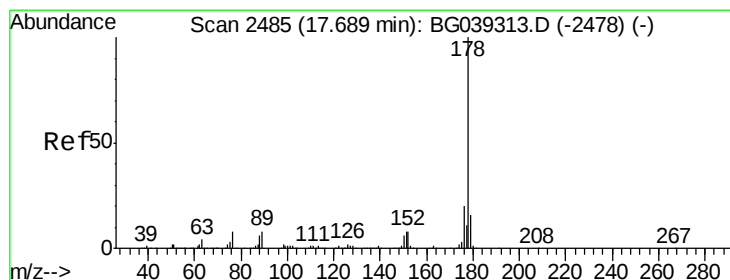
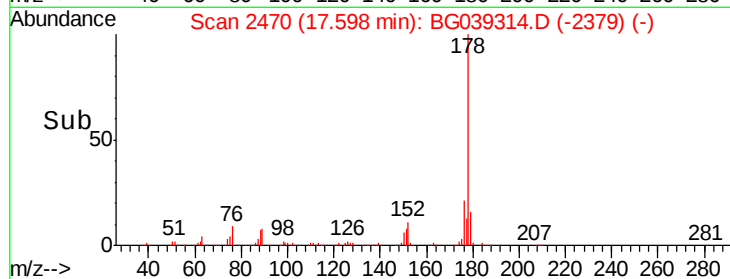
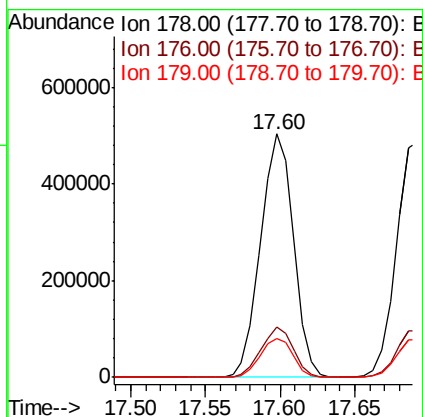
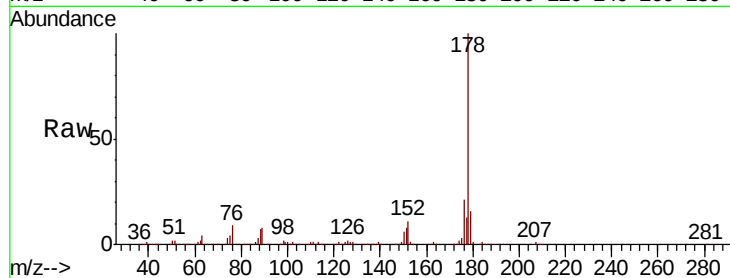




#71
 Phenanthrene
 Concen: 48.132 ng
 RT: 17.60 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

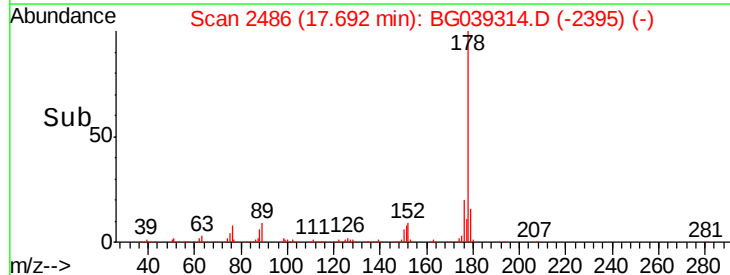
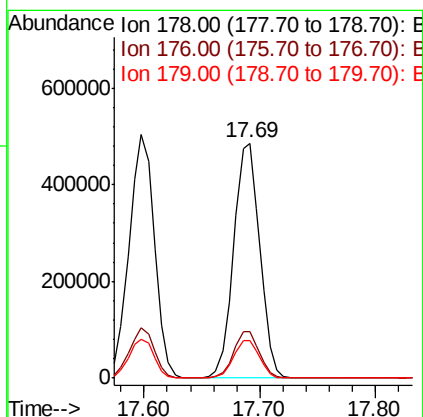
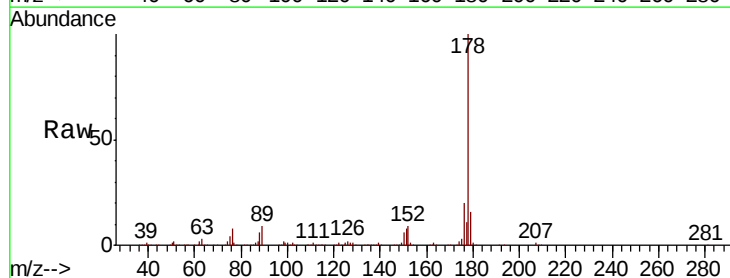
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 766661
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.2 24.4
 179 16.1 12.6 19.0



#72
 Anthracene
 Concen: 48.116 ng
 RT: 17.69 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion:178 Resp: 757772
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 16.1 12.5 18.7

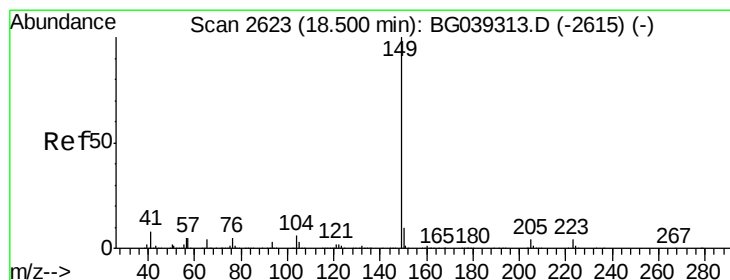
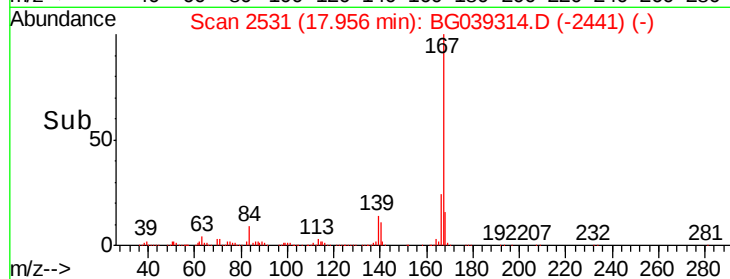
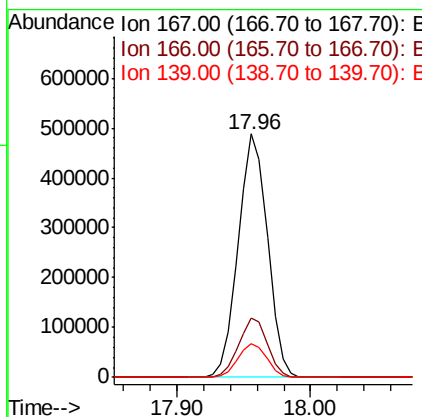
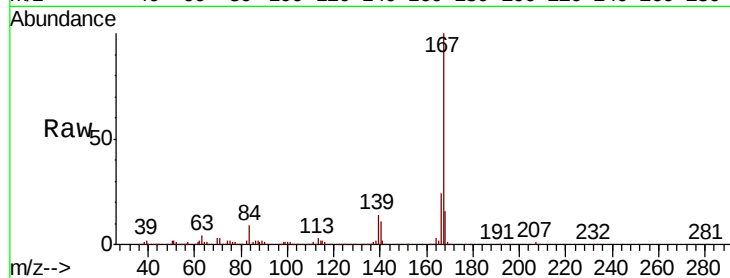




#73
 Carbazole
 Concen: 47.690 ng
 RT: 17.96 min Scan# 2531
 Delta R.T. -0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

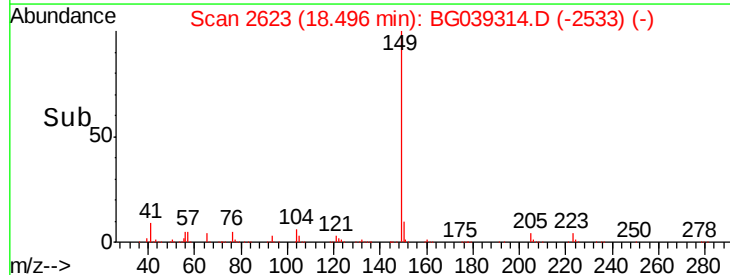
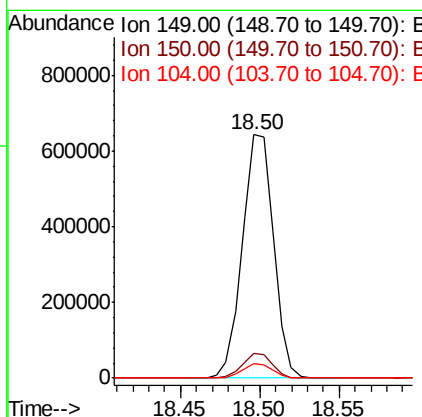
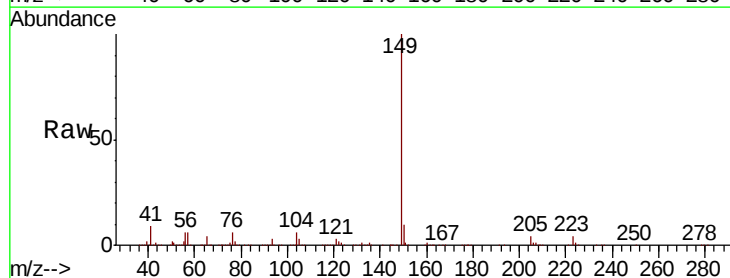
Instrument :
 BNA_G
 ClientSampleId :

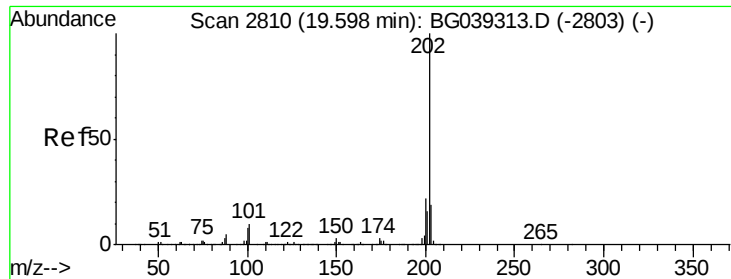
Tot Ion:167 Resp: 741427
 Ion Ratio Lower Upper
 167 100
 166 24.2 19.4 29.2
 139 13.9 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 50.734 ng
 RT: 18.50 min Scan# 2623
 Delta R.T. -0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion:149 Resp: 877463
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.8 4.5 6.7





#75

Fluoranthene

Concen: 44.410 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampleId :

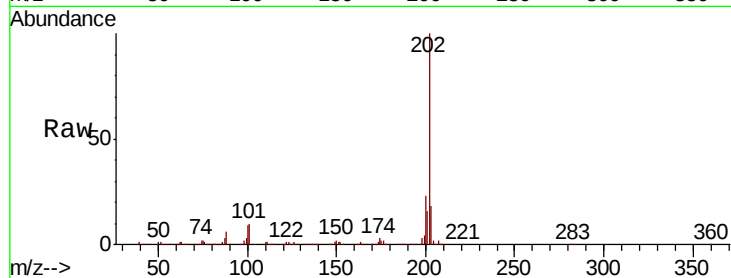
Tot Ion:202 Resp: 876927

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.0

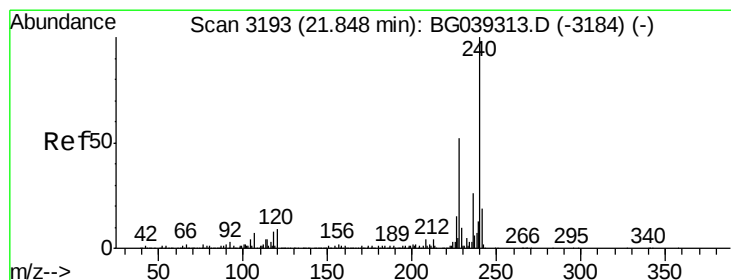
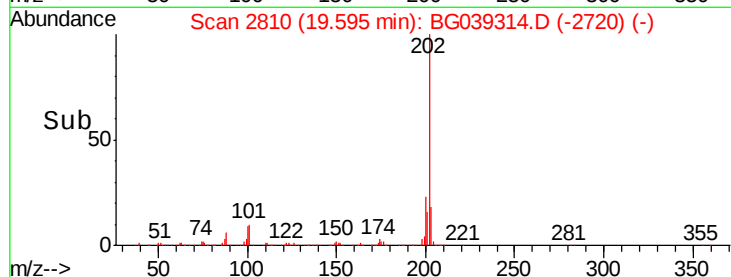
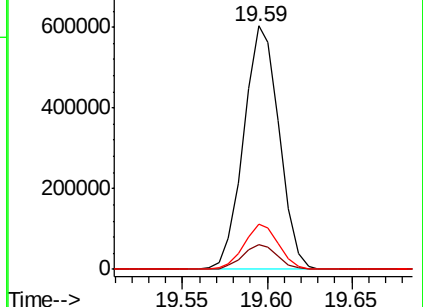
203 18.5 0.0 38.9



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: 21.85 min Scan# 3194

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

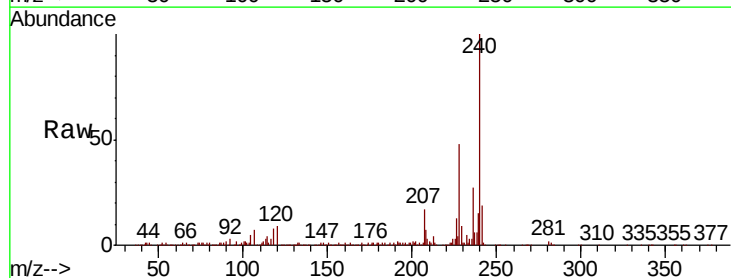
Tgt Ion:240 Resp: 291305

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

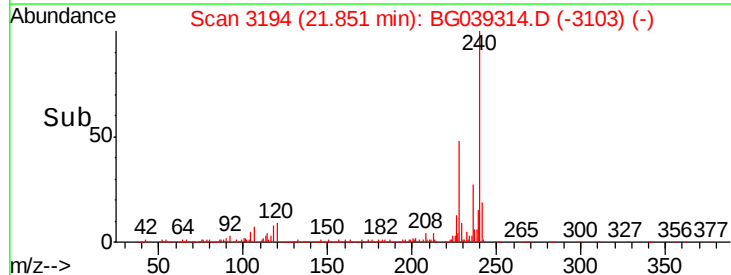
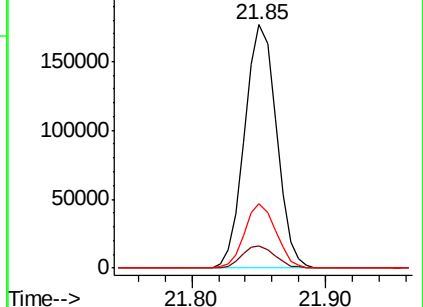
236 26.5 21.0 31.4

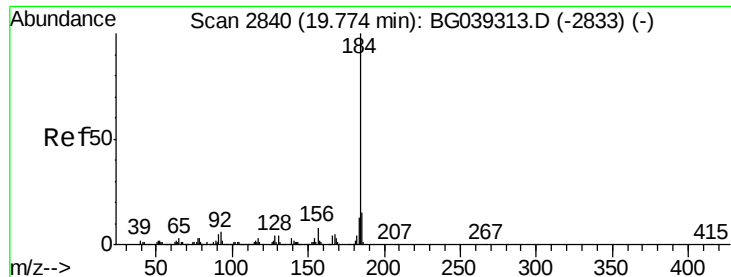


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.405 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

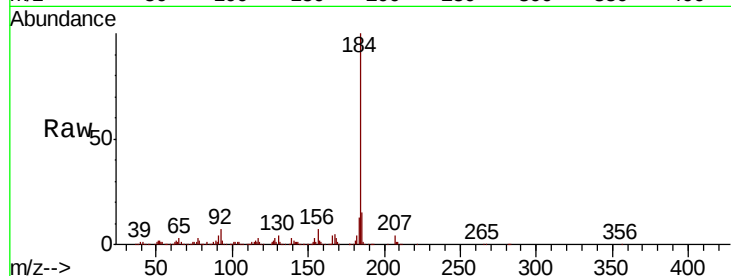
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 404555

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	12.9	10.6	15.8

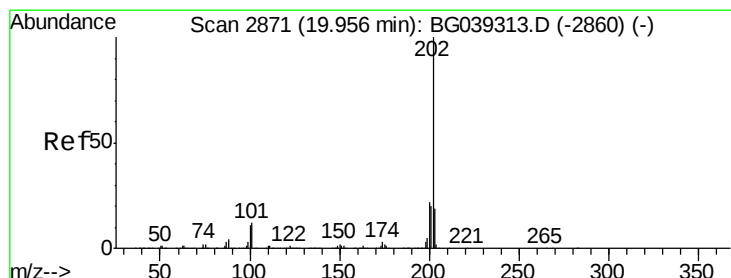
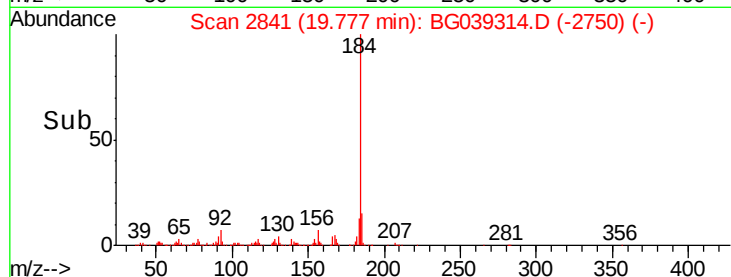
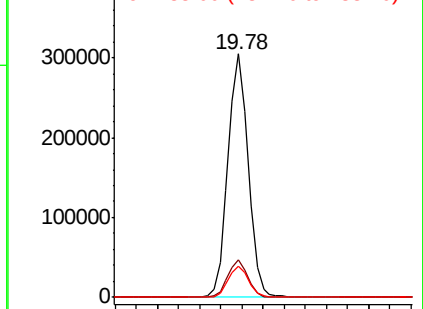


Abundance

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: 48.858 ng

RT: 19.96 min Scan# 2872

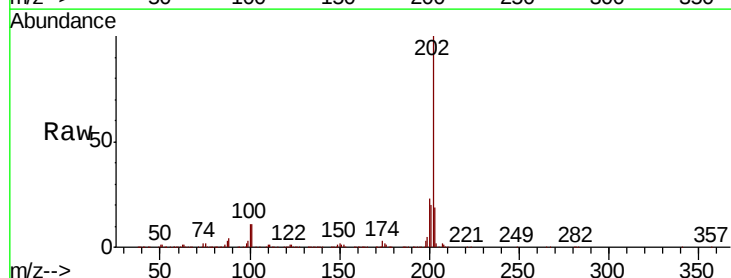
Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Tgt Ion:202 Resp: 907016

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.8
203	19.2	15.3	22.9

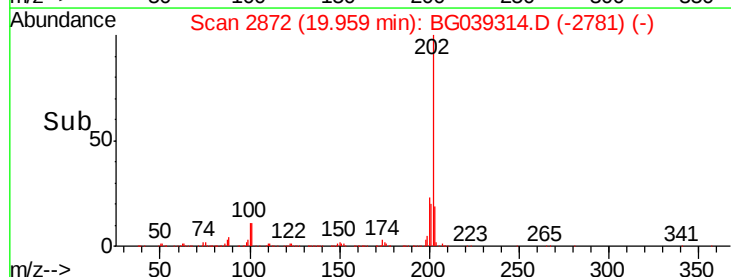
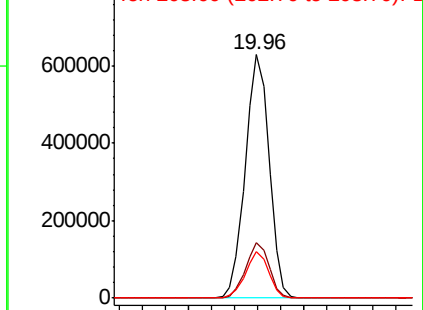


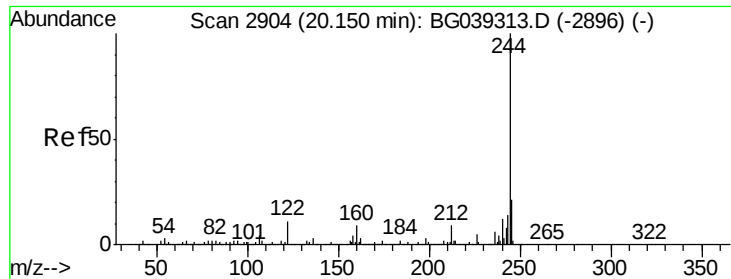
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.455 ng

RT: 20.15 min Scan# 2905

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampleId :

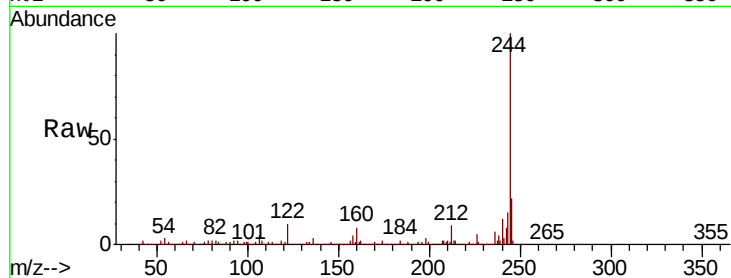
Tot Ion:244 Resp: 1329926

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.8	8.4	12.6

244 100

212 9.0 7.3 10.9

122 9.8 8.4 12.6

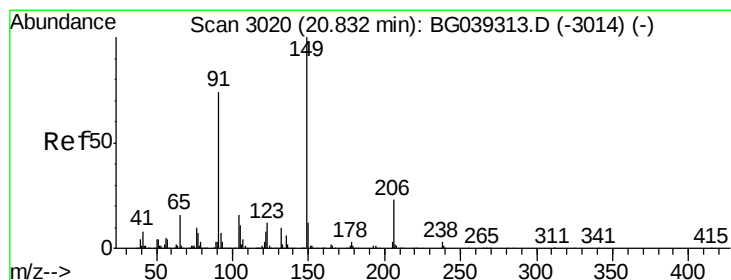
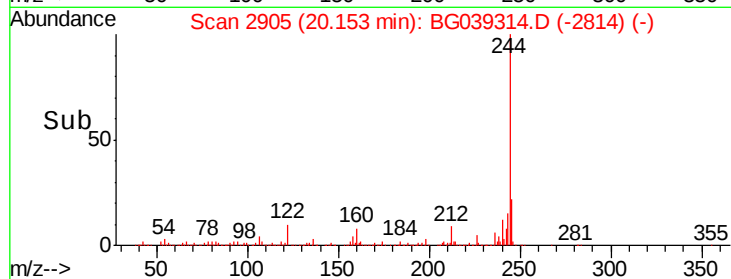
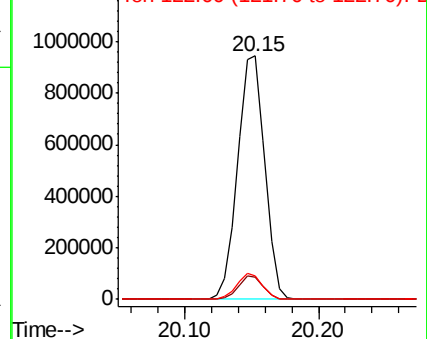


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.187 ng

RT: 20.83 min Scan# 3021

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

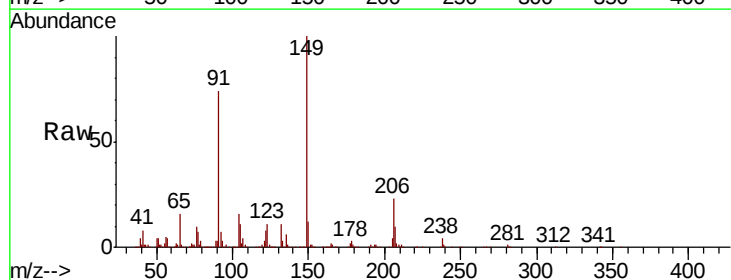
Tgt Ion:149 Resp: 396726

Ion	Ratio	Lower	Upper
149	100		
91	73.8	59.5	89.3
206	23.1	18.6	27.8

149 100

91 73.8 59.5 89.3

206 23.1 18.6 27.8

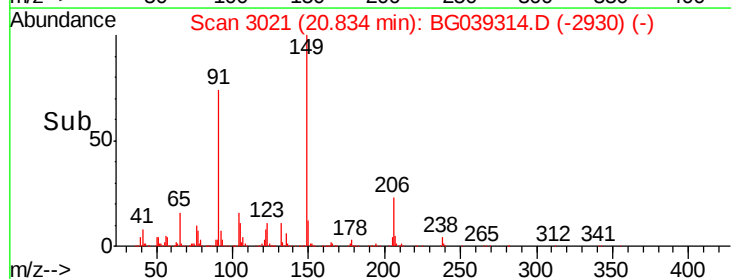
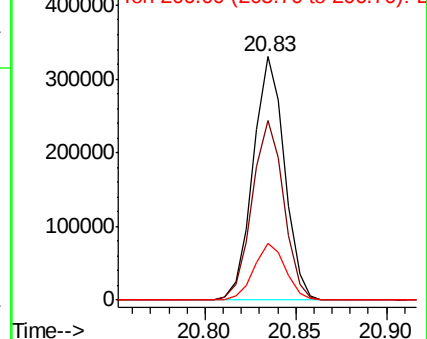


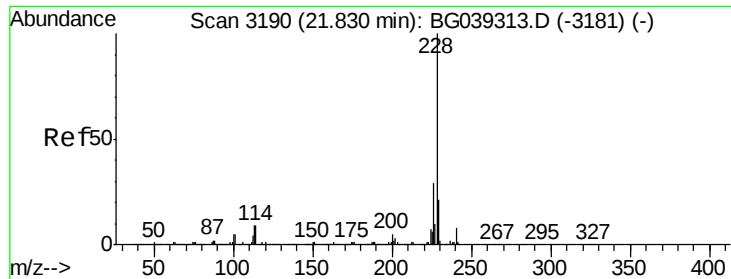
Abundance

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

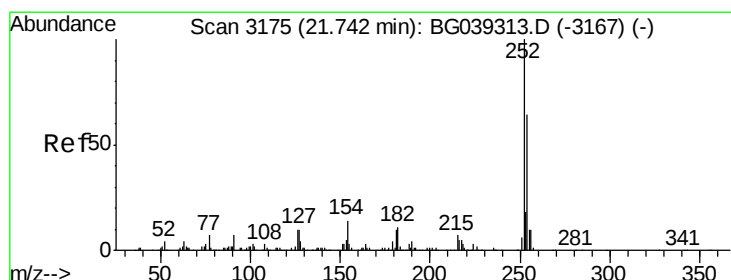
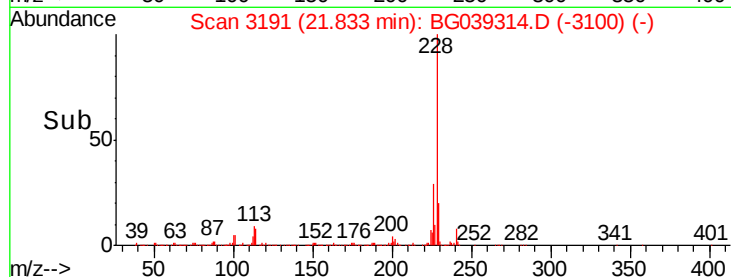
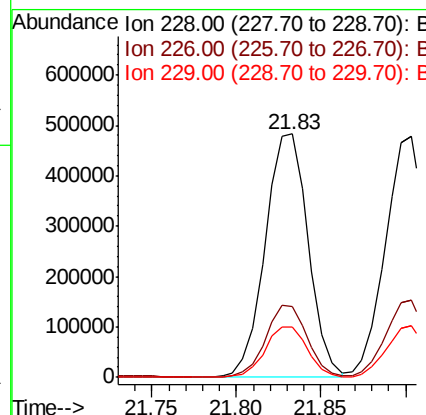
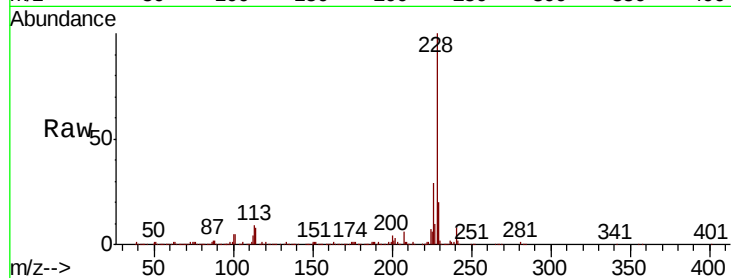




#81
Benzo(a)anthracene
Concen: 48.083 ng
RT: 21.83 min Scan# 3191
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

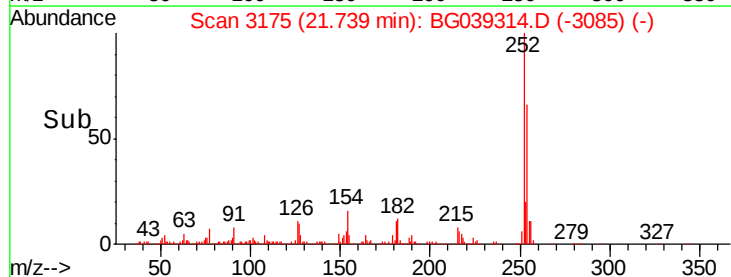
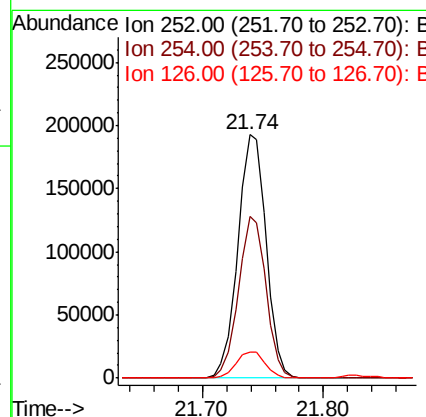
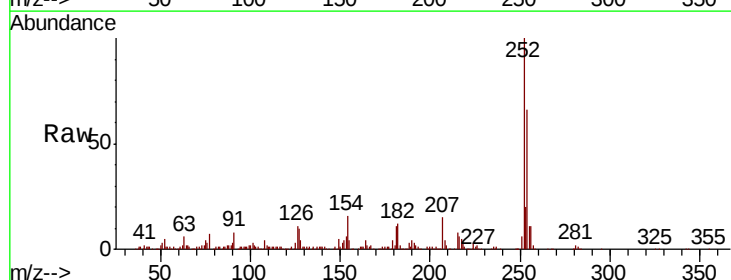
Instrument :
BNA_G
ClientSampleId :

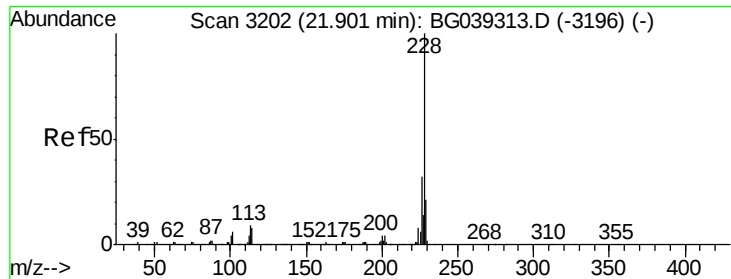
Tot Ion:228 Resp: 852663
Ion Ratio Lower Upper
228 100
226 29.2 23.0 34.6
229 20.4 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 43.584 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion:252 Resp: 314906
Ion Ratio Lower Upper
252 100
254 66.5 51.3 76.9
126 10.7 8.0 12.0

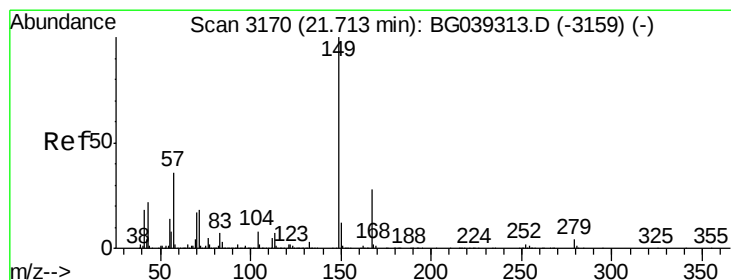
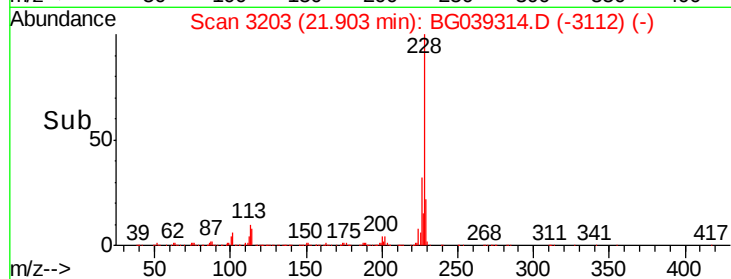
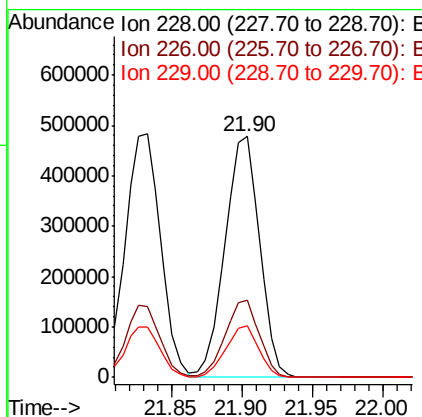
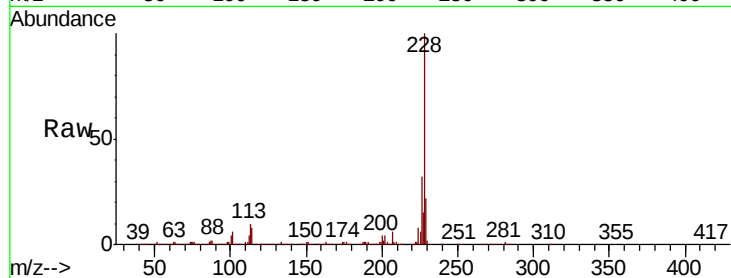




#83
 Chrvsene
 Concen: 48.343 ng
 RT: 21.90 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

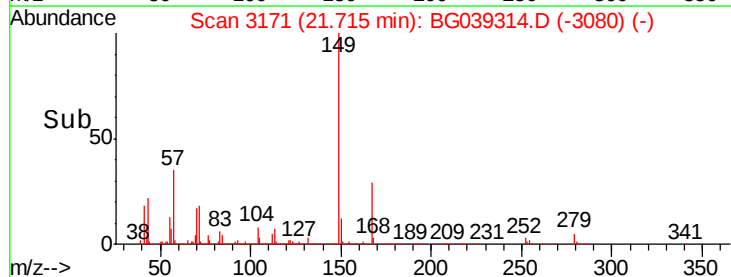
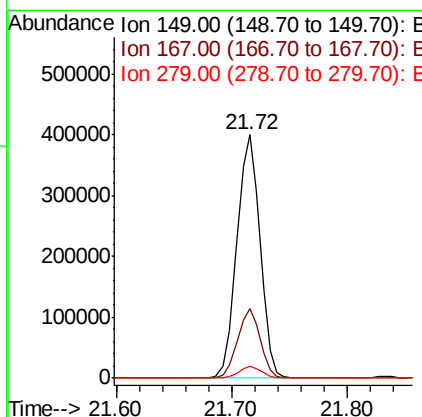
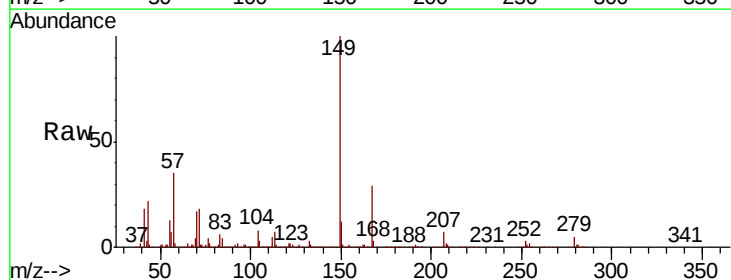
Instrument :
 BNA_G
 ClientSampleId :

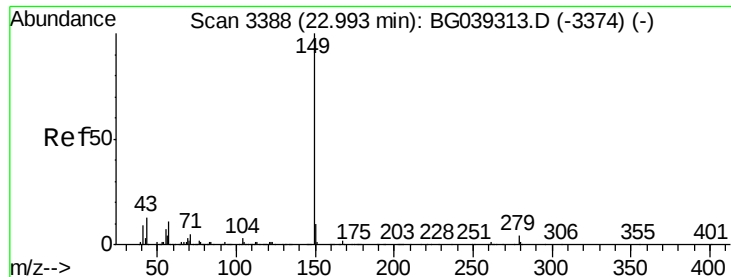
Tot Ion:228 Resp: 815352
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.8 38.6
 229 21.6 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.217 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BG039314.D
 Acq: 29 Jan 2019 12:14

Tgt Ion:149 Resp: 551153
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.6 34.0
 279 5.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 55.718 ng

RT: 22.99 min Scan# 3388

Delta R.T. -0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampleId :

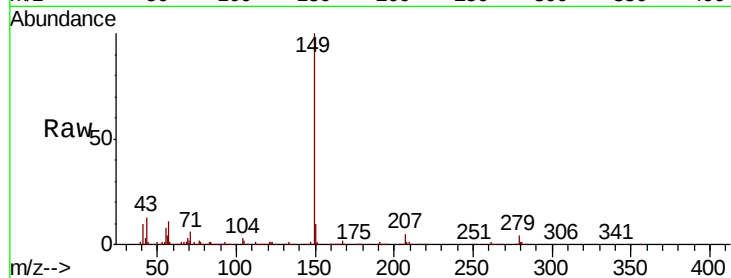
Tot Ion:149 Resp: 923672

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

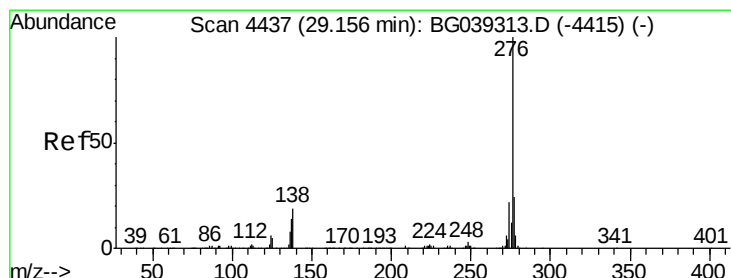
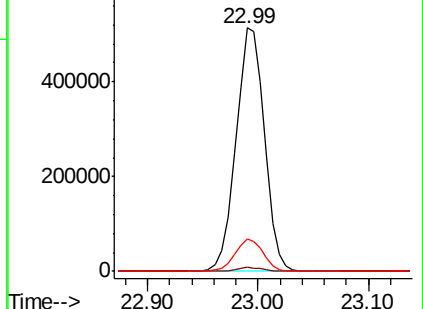
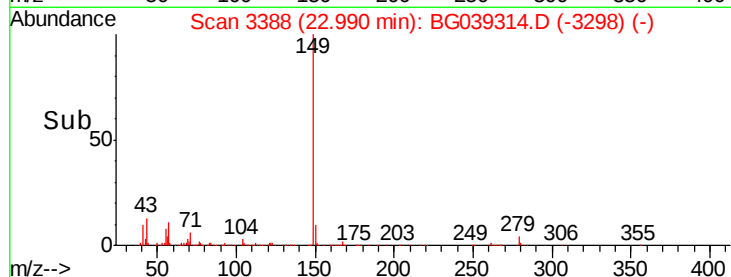
43 13.0 10.2 15.4



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: 44.546 ng

RT: 29.16 min Scan# 4438

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

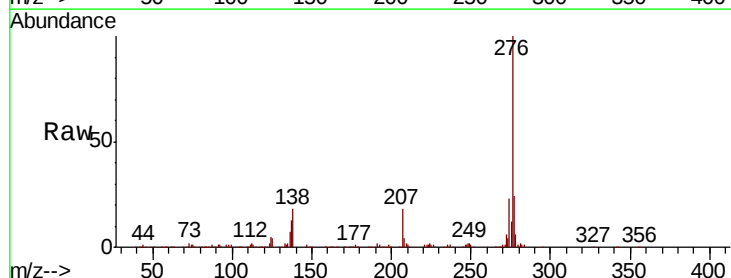
Tgt Ion:276 Resp: 897731

Ion Ratio Lower Upper

276 100

138 15.5 12.6 19.0

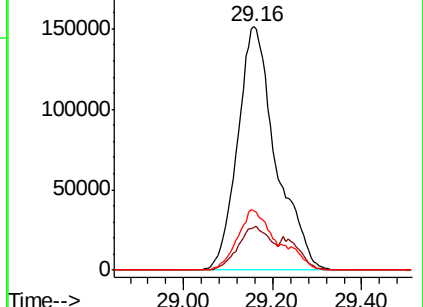
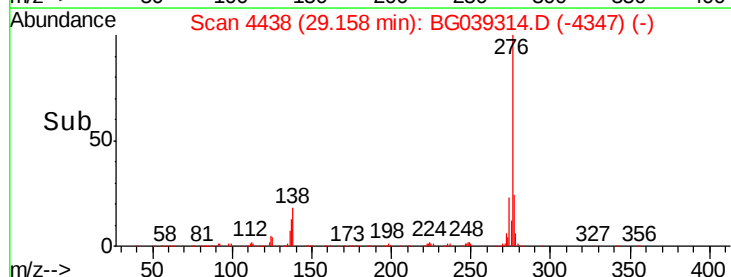
277 26.2 20.8 31.2

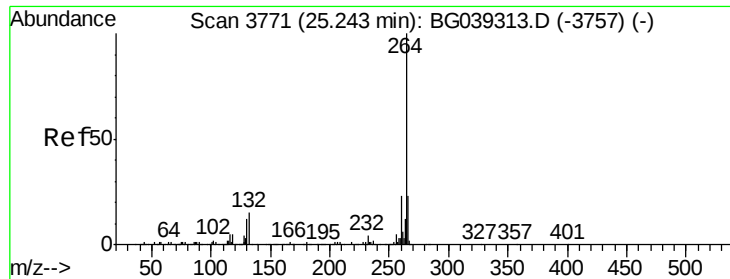


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.25 min Scan# 3772

Delta R.T. 0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

Instrument :

BNA_G

ClientSampled :

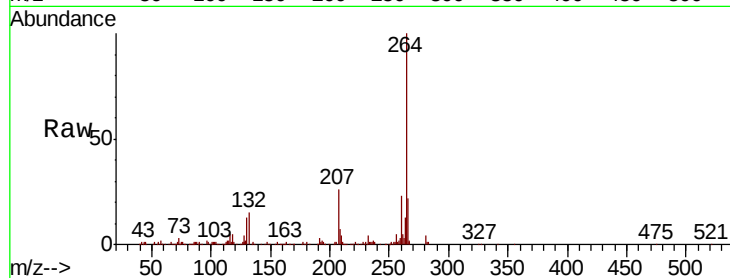
Tot Ion:264 Resp: 296772

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

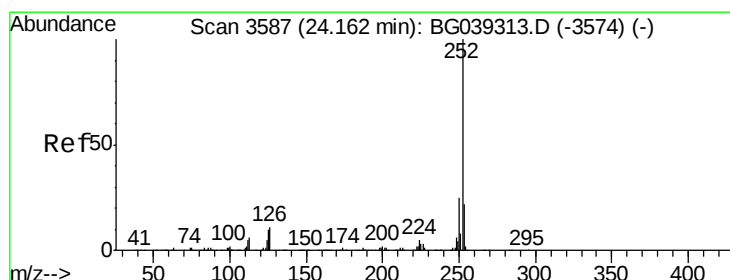
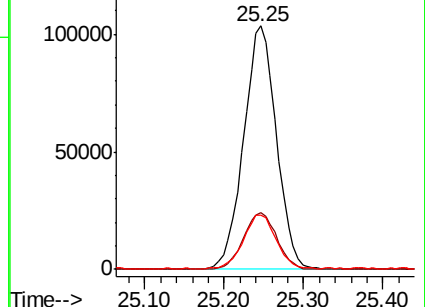
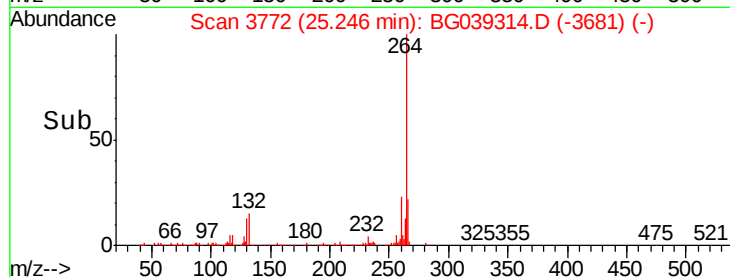
265 22.4 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.459 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BG039314.D

Acq: 29 Jan 2019 12:14

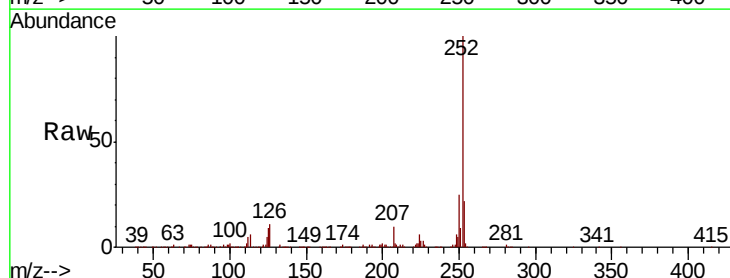
Tgt Ion:252 Resp: 809347

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

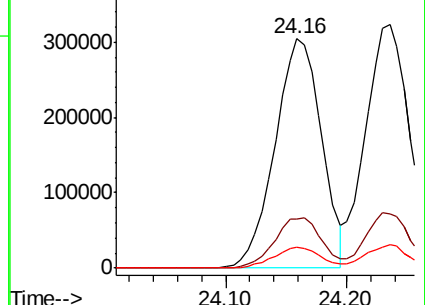
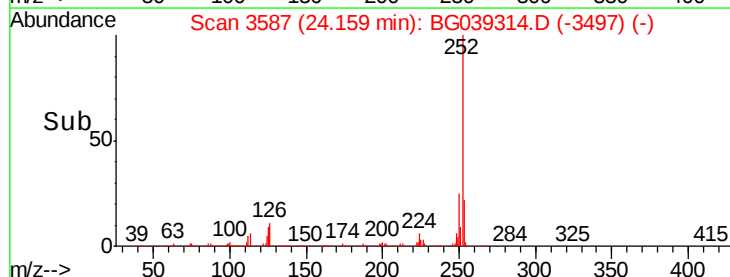
125 9.3 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

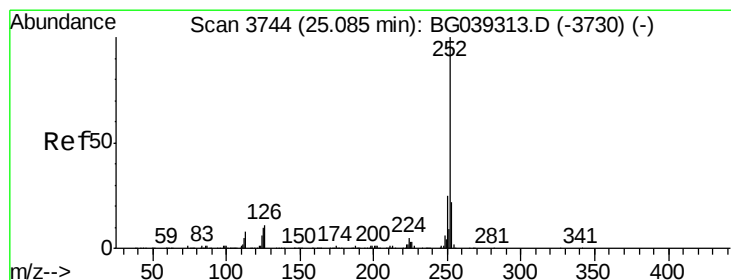
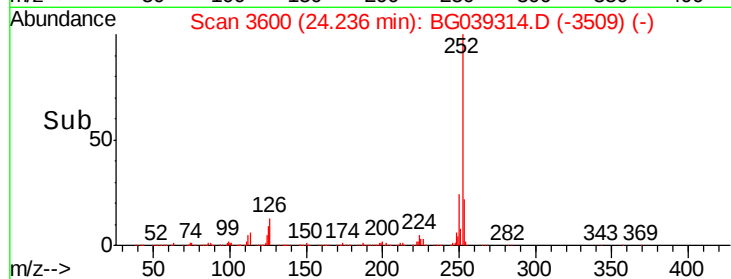
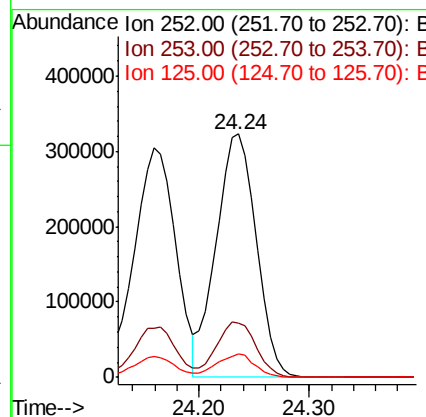
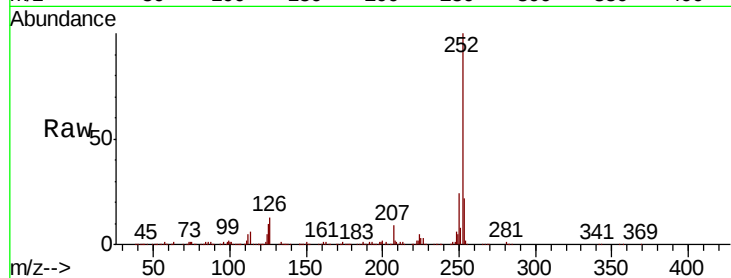




#89
Benzo(k)fluoranthene
Concen: 50.345 ng
RT: 24.24 min Scan# 3600
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

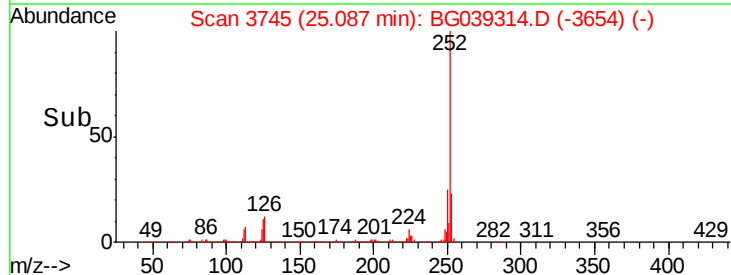
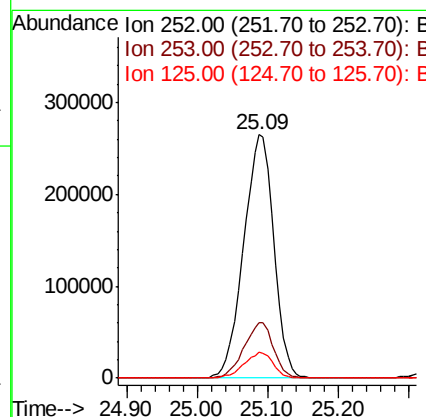
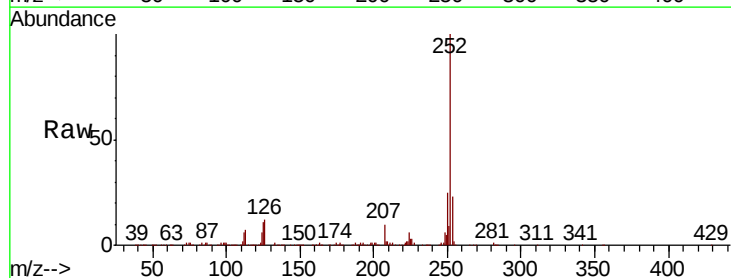
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 814553
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 49.627 ng
RT: 25.09 min Scan# 3745
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion:252 Resp: 784957
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.6 8.3 12.5

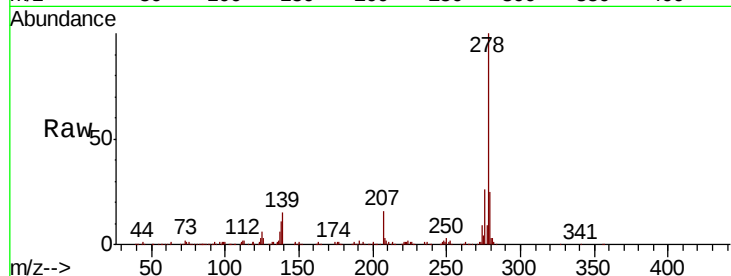




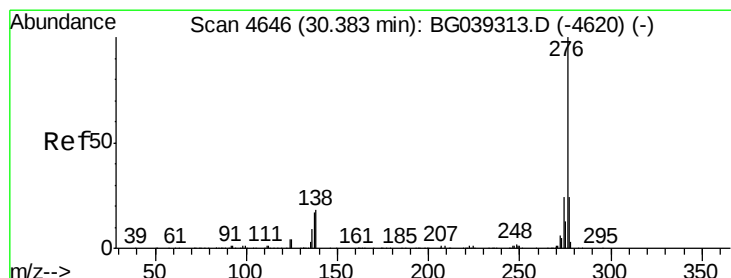
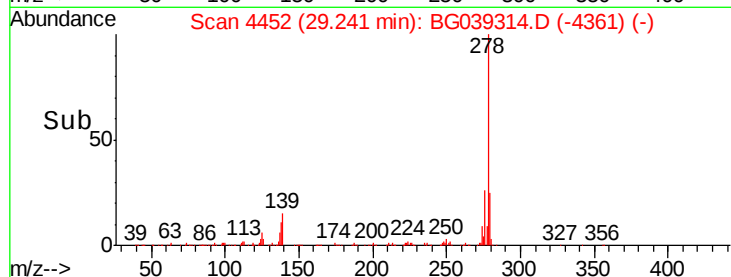
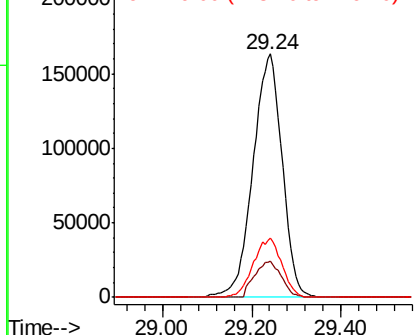
#91
Dibenzo(a,h)anthracene
Concen: 46.701 ng
RT: 29.24 min Scan# 4452
Delta R.T. 0.00 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 734734
Ion Ratio Lower Upper
278 100
139 15.0 11.7 17.5
279 24.6 19.1 28.7

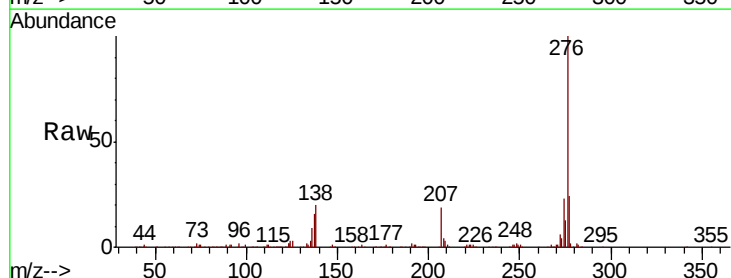


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.825 ng
RT: 30.39 min Scan# 4648
Delta R.T. 0.01 min
Lab File: BG039314.D
Acq: 29 Jan 2019 12:14

Tgt Ion:276 Resp: 744892
Ion Ratio Lower Upper
276 100
277 23.8 19.6 29.4
138 19.5 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

