

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
 Data File : BG039443.D
 Acq On : 11 Feb 2019 20:49
 Operator : JU/SJ
 Sample : K1356-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Quant Time: Feb 12 00:17:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51005	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	229759	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	161233	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	384740	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	391791	20.00	ng	-0.02
87) Perylene-d12	25.21	264	406018	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	418828	140.54	ng	0.00
7) Phenol-d6	7.31	99	580571	132.35	ng	0.00
23) Nitrobenzene-d5	9.35	82	392658	106.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	277246	159.69	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	979587	87.16	ng	-0.01
79) Terphenyl-d14	20.13	244	1563503	84.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	45667	35.032	ng	# 33
3) Pyridine	4.02	79	127776	37.022	ng	94
4) n-Nitrosodimethylamine	3.92	42	71939	41.678	ng	85
6) Aniline	7.50	93	71613	13.033	ng	98
8) 2-Chlorophenol	7.73	128	164216	50.411	ng	97
9) Benzaldehyde	7.31	77	77661	33.935	ng	95
10) Phenol	7.34	94	200283	43.799	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	162936	45.093	ng	96
12) 1,3-Dichlorobenzene	8.06	146	168583	42.720	ng	97
13) 1,4-Dichlorobenzene	8.21	146	173378	44.079	ng	97
14) 1,2-Dichlorobenzene	8.52	146	166482	43.722	ng	99
15) Benzyl Alcohol	8.41	79	170601	49.537	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	303668	37.215	ng	100
17) 2-Methylphenol	8.60	107	149191	50.417	ng	98
18) Hexachloroethane	9.26	117	58925	43.544	ng	92
19) n-Nitroso-di-n-propylamine	8.98	70	139358	44.760	ng	94
20) 3+4-Methylphenols	8.93	107	207146	50.834	ng	97
22) Acetophenone	9.00	105	261616	42.390	ng	# 93
24) Nitrobenzene	9.39	77	199531	50.219	ng	95
25) Isophorone	9.90	82	401778	49.298	ng	99
26) 2-Nitrophenol	10.10	139	99142	59.194	ng	95
27) 2,4-Dimethylphenol	10.14	122	180093	54.625	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	238824	47.575	ng	99
29) 2,4-Dichlorophenol	10.63	162	194172	53.888	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	187646	46.385	ng	96
31) Naphthalene	11.04	128	545158	47.828	ng	99
32) Benzoic acid	10.27	122	107043	49.285	ng	97
33) 4-Chloroaniline	11.16	127	11245	2.128	ng	93
34) Hexachlorobutadiene	11.31	225	118572	44.074	ng	95
35) Caprolactam	11.94	113	36949	24.780	ng	# 84
36) 4-Chloro-3-methylphenol	12.25	107	209274	50.220	ng	97
37) 2-Methylnaphthalene	12.64	142	414923	49.149	ng	98
38) 1-Methylnaphthalene	12.85	142	400317	49.192	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	227597	44.366	ng	98

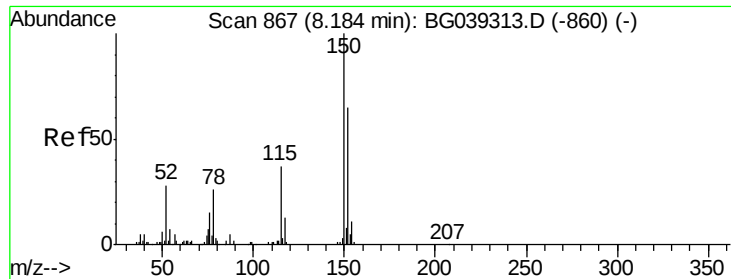
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	287259	102.761	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	164286	52.085	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	178506	53.997	ng	97
46) 1,1'-Biphenyl	13.64	154	572647	42.687	ng	99
47) 2-Chloronaphthalene	13.68	162	442254	43.823	ng	98
48) 2-Nitroaniline	13.89	65	150339	51.192	ng	93
49) Acenaphthylene	14.52	152	717874	47.143	ng	97
50) Dimethylphthalate	14.25	163	602911	46.300	ng	99
51) 2,6-Dinitrotoluene	14.38	165	134896	54.413	ng	95
52) Acenaphthene	14.86	154	441166	44.632	ng	100
53) 3-Nitroaniline	14.70	138	13692	10.378	ng	# 98
54) 2,4-Dinitrophenol	14.90	184	128818	104.229	ng	95
55) Dibenzofuran	15.19	168	714300	45.071	ng	98
56) 4-Nitrophenol	14.99	139	215371	90.643	ng	88
57) 2,4-Dinitrotoluene	15.16	165	188757	58.503	ng	# 85
58) Fluorene	15.84	166	567369	48.024	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.41	232	177131	57.226	ng	96
60) Diethylphthalate	15.60	149	603735	44.842	ng	98
61) 4-Chlorophenyl-phenylether	15.83	204	306077	45.754	ng	96
62) 4-Nitroaniline	15.87	138	124841	45.918	ng	91
63) Azobenzene	16.12	77	535270	40.676	ng	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	100927	60.402	ng	95
66) n-Nitrosodiphenylamine	16.04	169	519333	44.393	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	200615	47.002	ng	94
68) Hexachlorobenzene	16.83	284	208879	48.777	ng	95
69) Atrazine	16.98	200	209034	48.895	ng	97
70) Pentachlorophenol	17.18	266	265943	89.353	ng	97
71) Phenanthrene	17.58	178	945692	47.491	ng	98
72) Anthracene	17.68	178	955476	48.713	ng	98
73) Carbazole	17.94	167	846919	43.266	ng	99
74) Di-n-butylphthalate	18.48	149	1032535	45.214	ng	99
75) Fluoranthene	19.58	202	1131899	48.973	ng	99
77) Benzidine	19.76	184	101907	7.934	ng	98
78) Pyrene	19.94	202	1147909	47.065	ng	99
80) Butylbenzylphthalate	20.81	149	485152	47.154	ng	95
81) Benzo(a)anthracene	21.81	228	1127914	48.721	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	91899	10.706	ng	97
83) Chrysene	21.88	228	1052707	47.768	ng	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	677569	46.162	ng	99
85) Di-n-octyl phthalate	22.95	149	1141680	47.080	ng	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1283099	54.265	ng	# 93
88) Benzo(b)fluoranthene	24.13	252	1127382	50.915	ng	98
89) Benzo(k)fluoranthene	24.20	252	1047647	47.127	ng	99
90) Benzo(a)pyrene	25.05	252	1079538	50.624	ng	99
91) Dibenzo(a,h)anthracene	29.18	278	1031550	51.653	ng	98
92) Benzo(g,h,i)perylene	30.34	276	1058744	53.189	ng	96

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

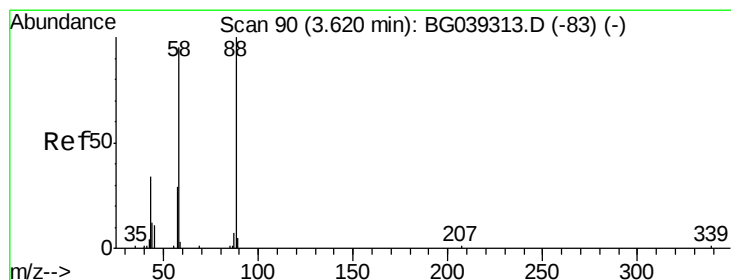
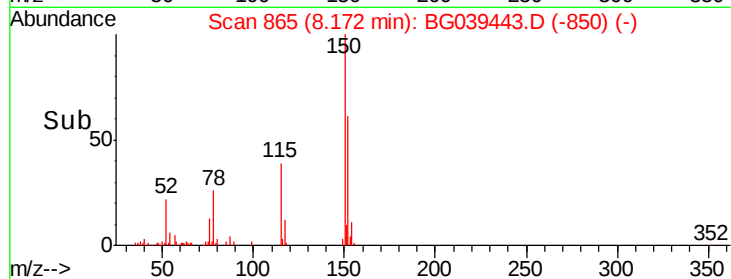
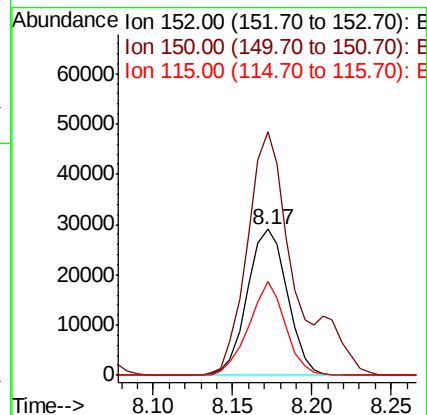
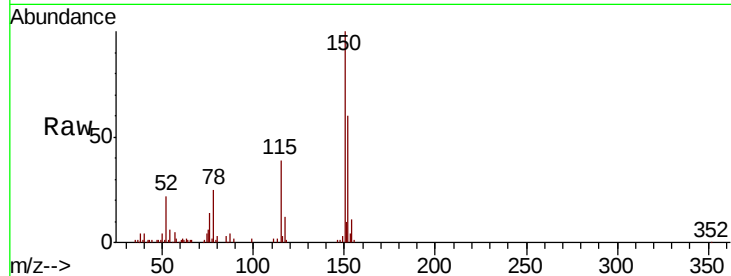


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
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SU-03-020819-AMSD

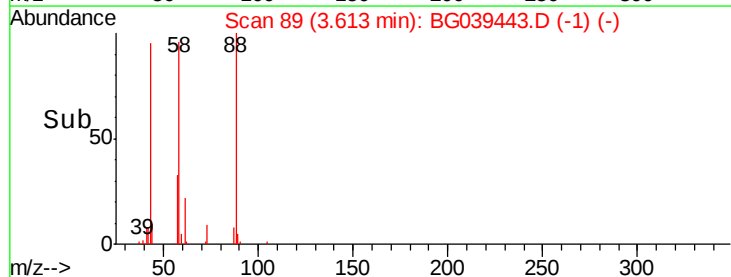
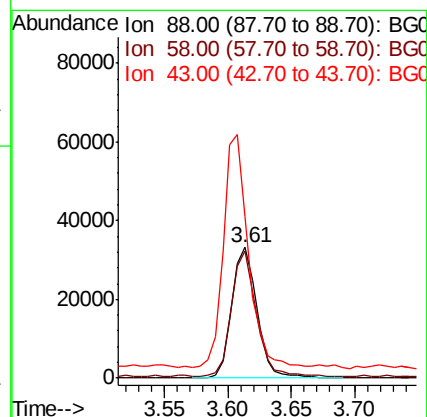
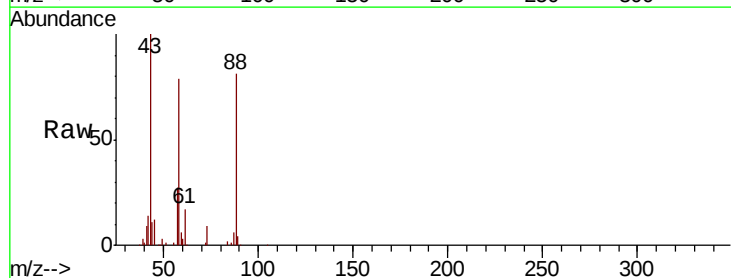
Tgt Ion:152 Resp: 51005
Ion Ratio Lower Upper
152 100
150 166.8 123.7 185.5
115 64.4 45.9 68.9



#2

1,4-Dioxane
Concen: 35.032 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion: 88 Resp: 45667
Ion Ratio Lower Upper
88 100
58 94.8 81.1 121.7
43 176.6 31.4 47.0#





#3

Pyridine

Concen: 37.022 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

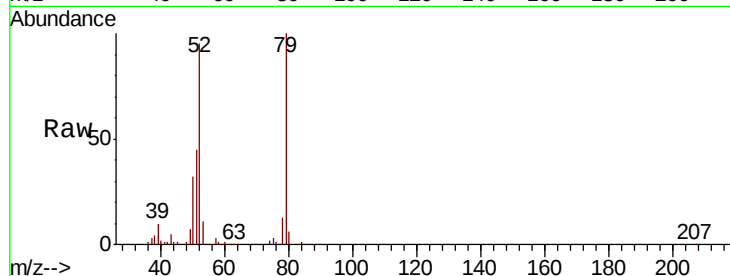
Tgt Ion: 79 Resp: 127776

Ion Ratio Lower Upper

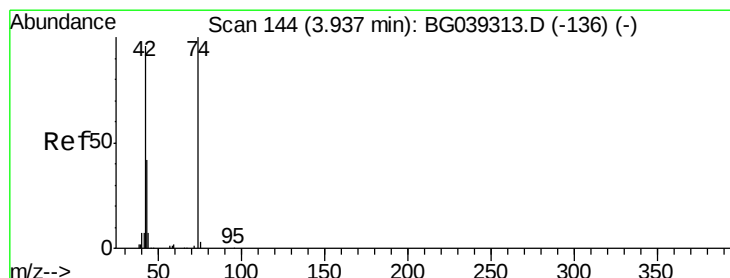
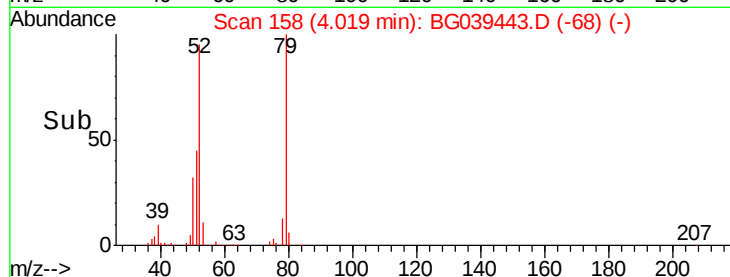
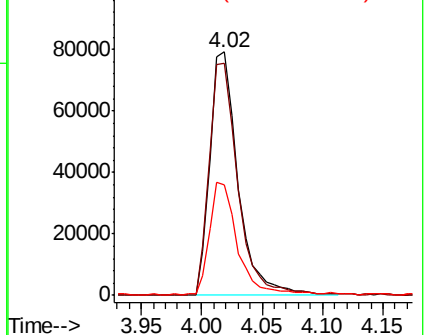
79 100

52 95.2 82.6 124.0

51 45.2 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: 41.678 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

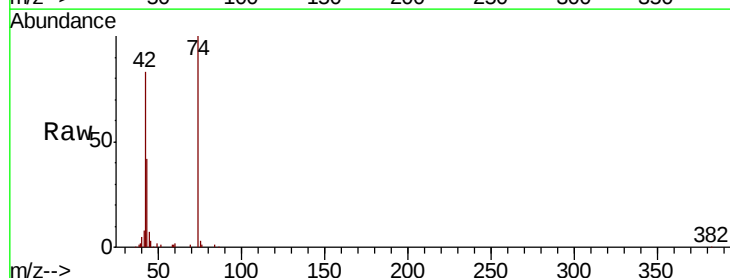
Tgt Ion: 42 Resp: 71939

Ion Ratio Lower Upper

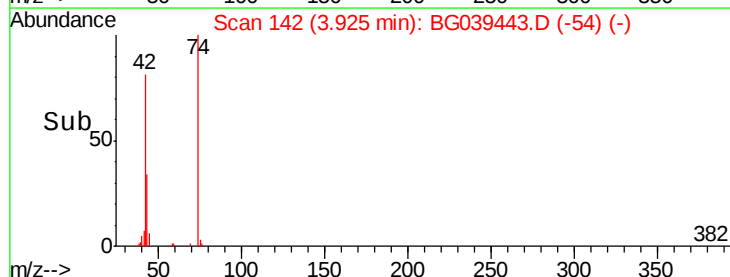
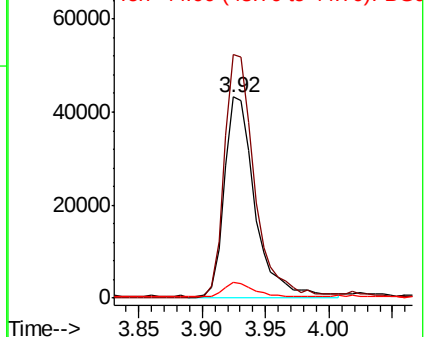
42 100

74 121.0 83.6 125.4

44 8.0 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: 140.541 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

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ClientSampleId :

SU-03-020819-AMSD

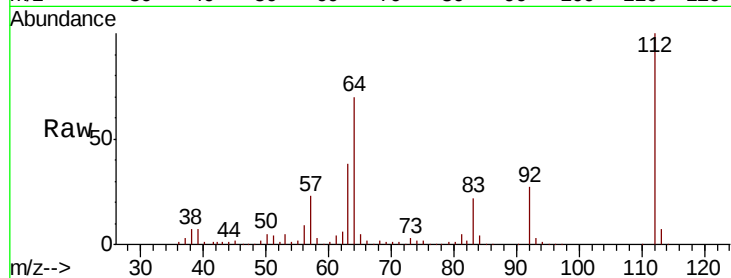
Tgt Ion: 112 Resp: 418828

Ion Ratio Lower Upper

112 100

64 70.1 57.8 86.8

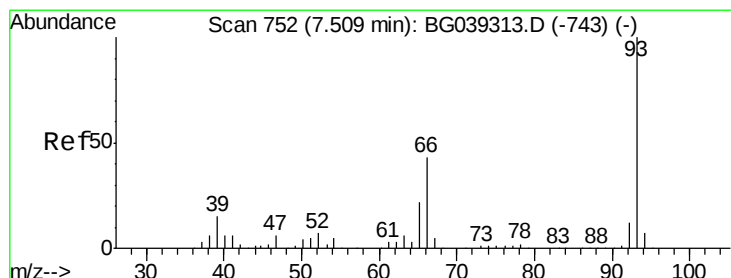
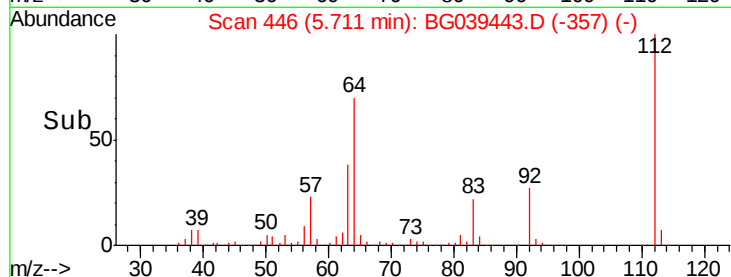
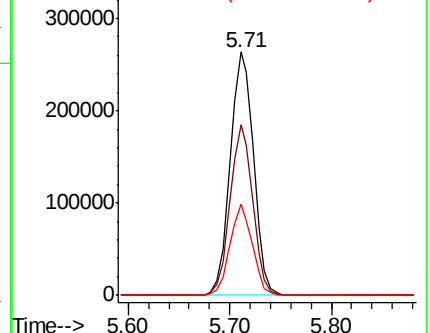
63 37.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.033 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

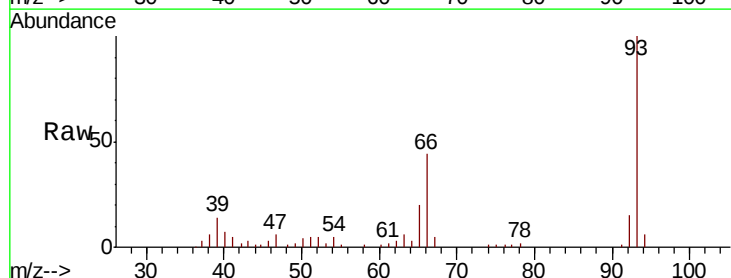
Tgt Ion: 93 Resp: 71613

Ion Ratio Lower Upper

93 100

66 43.6 34.2 51.4

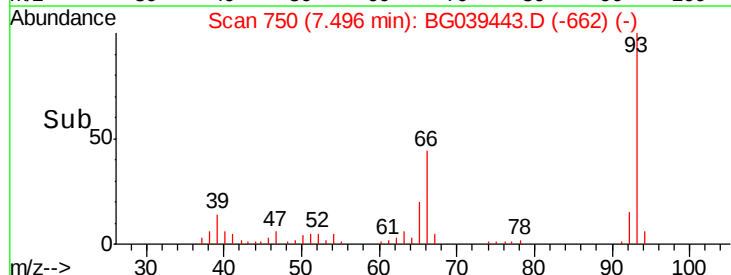
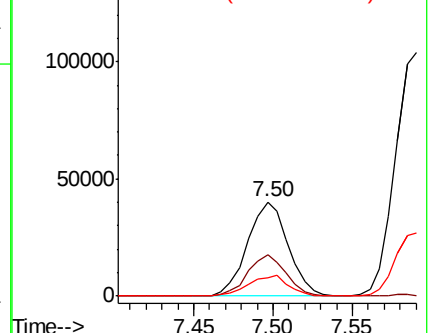
65 19.8 17.7 26.5

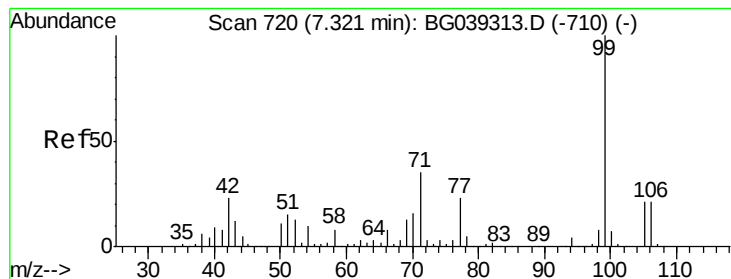


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.349 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039443.D

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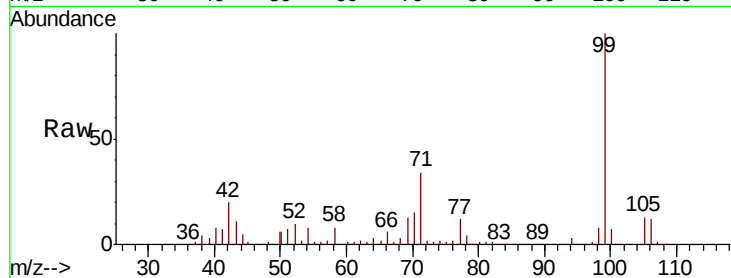
Tgt Ion: 99 Resp: 580571

Ion Ratio Lower Upper

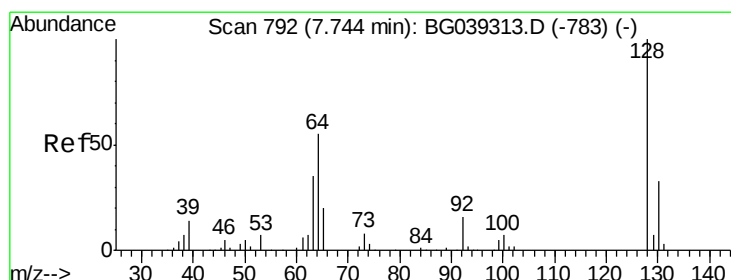
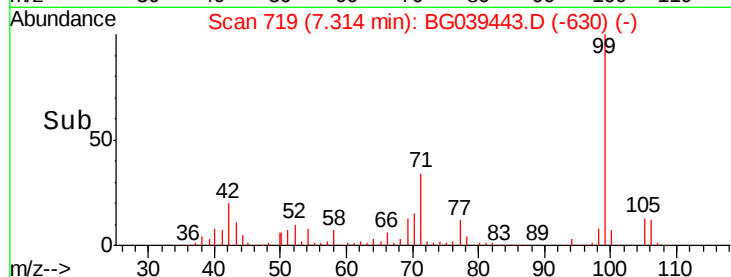
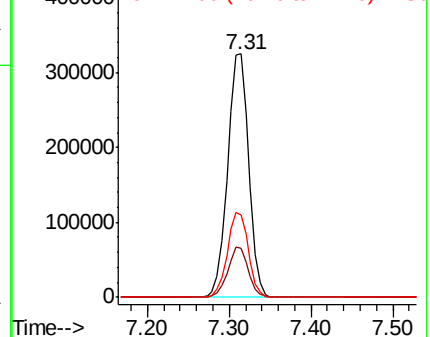
99 100

42 20.1 18.2 27.2

71 33.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.411 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

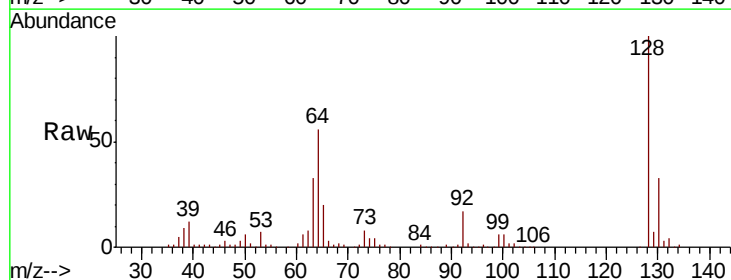
Tgt Ion: 128 Resp: 164216

Ion Ratio Lower Upper

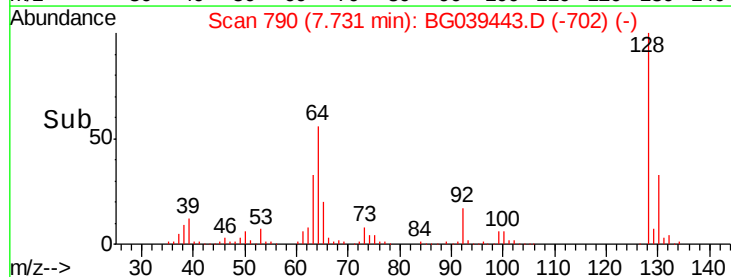
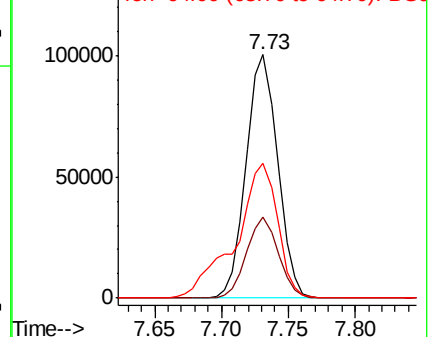
128 100

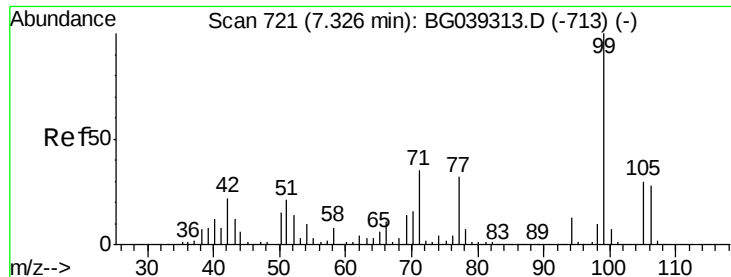
130 33.3 12.9 52.9

64 55.5 38.7 78.7



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





#9

Benzaldehyde

Concen: 33.935 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

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SU-03-020819-AMSD

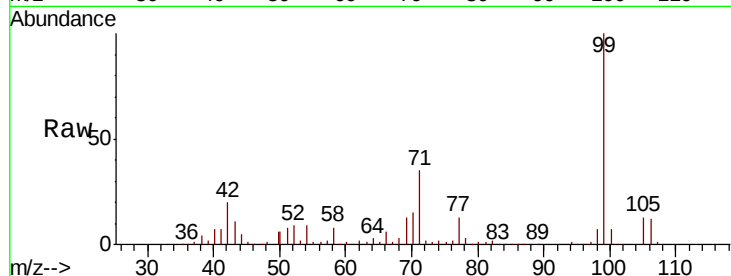
Tgt Ion: 77 Resp: 77661

Ion Ratio Lower Upper

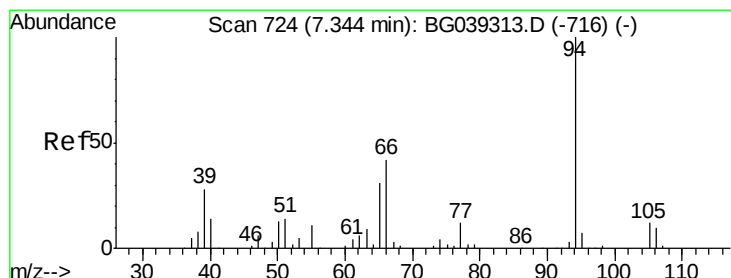
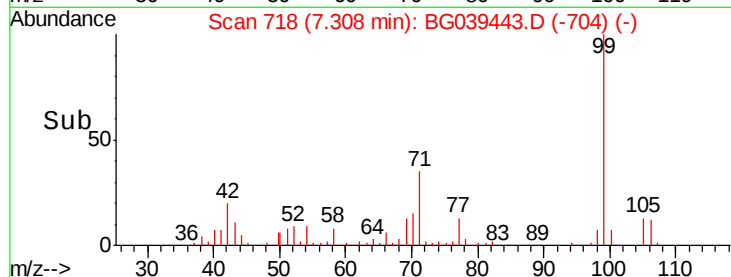
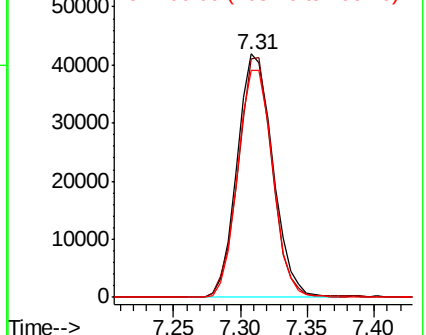
77 100

105 98.2 74.5 114.5

106 93.1 68.0 108.0



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



#10

Phenol

Concen: 43.799 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

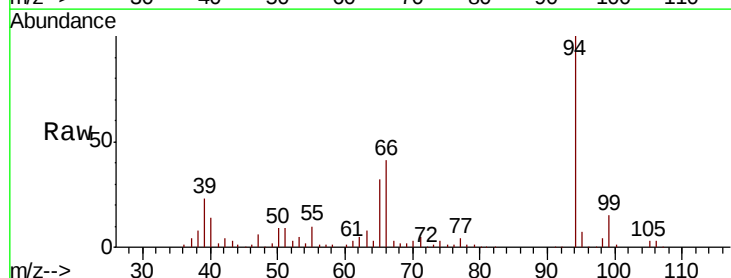
Tgt Ion: 94 Resp: 200283

Ion Ratio Lower Upper

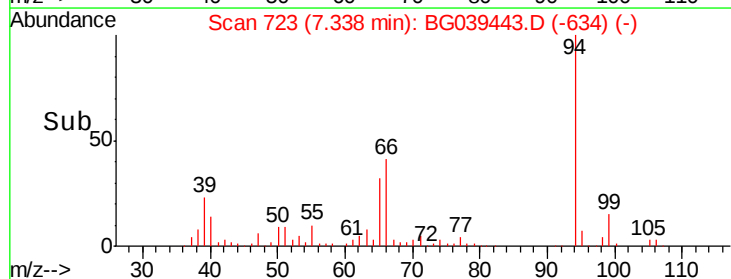
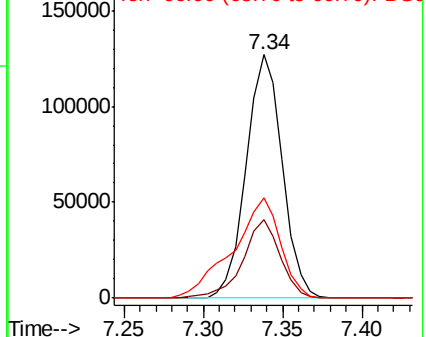
94 100

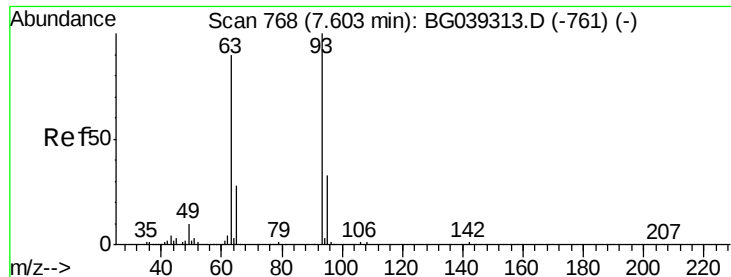
65 32.1 11.7 51.7

66 40.9 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: 45.093 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

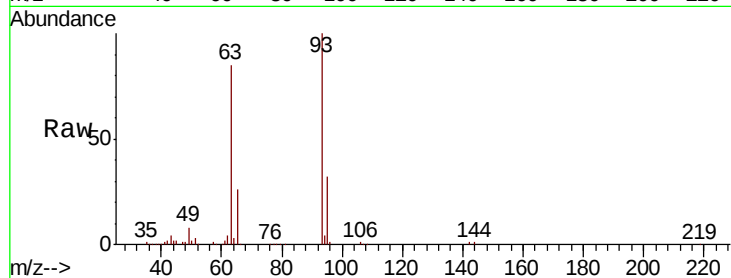
Tgt Ion: 93 Resp: 162936

Ion Ratio Lower Upper

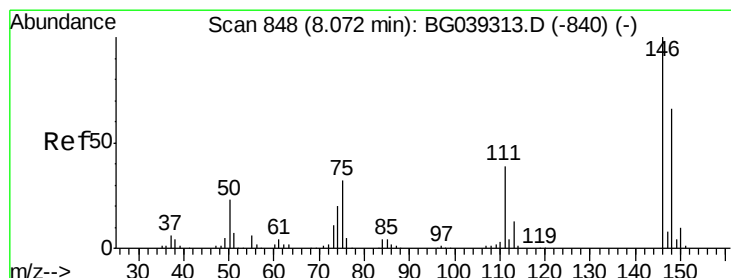
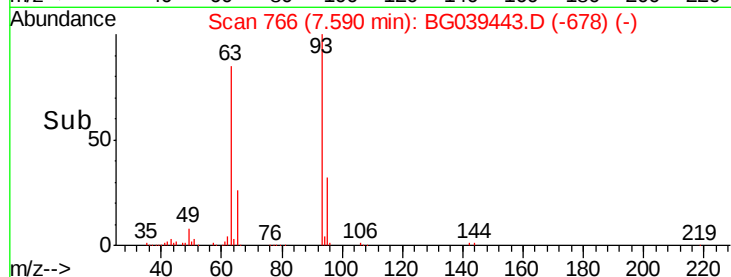
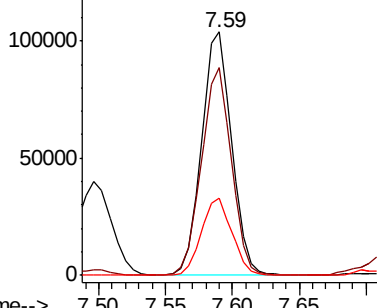
93 100

63 85.1 69.5 109.5

95 31.5 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 42.720 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

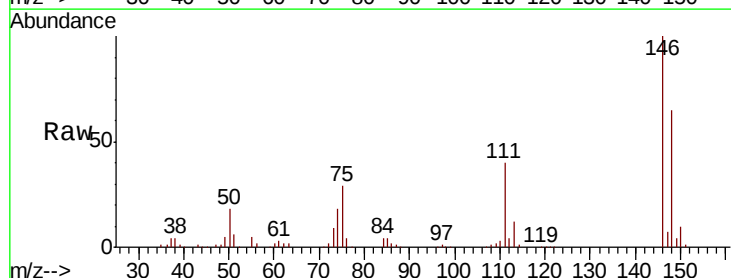
Tgt Ion: 146 Resp: 168583

Ion Ratio Lower Upper

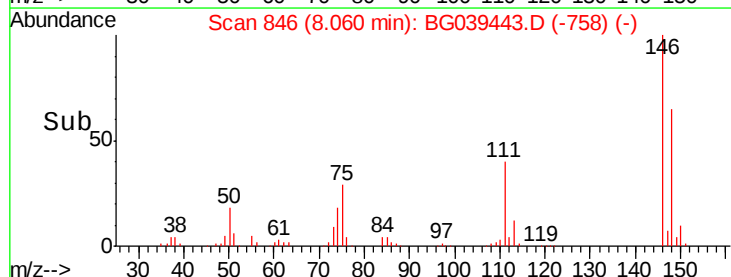
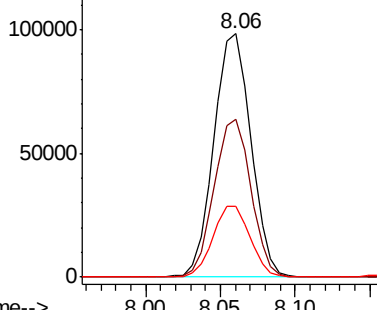
146 100

148 64.6 52.6 79.0

75 29.3 25.8 38.6



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

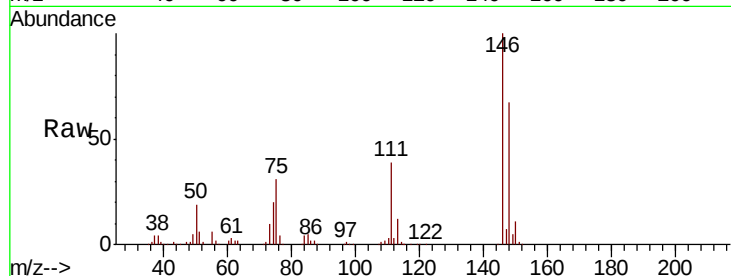




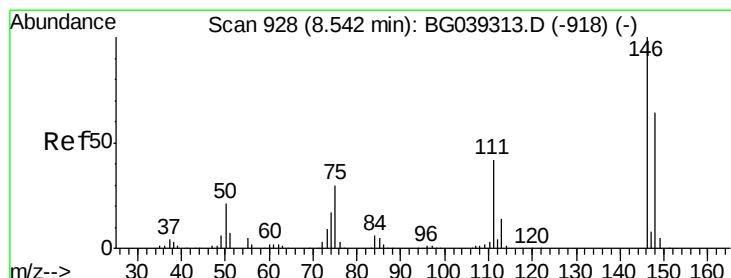
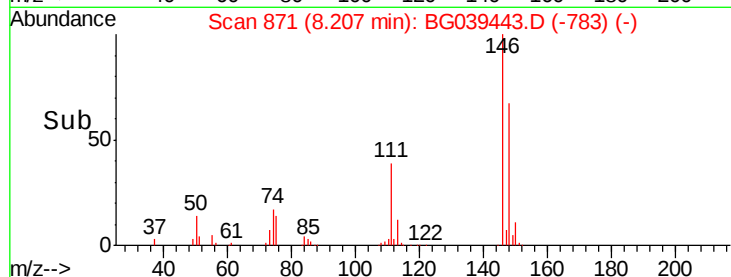
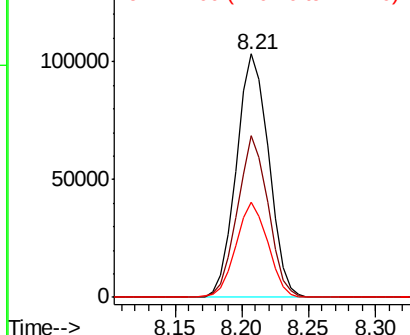
#13
 1,4-Dichlorobenzene
 Concen: 44.079 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tgt Ion:146 Resp: 173378
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.1 76.7
 111 39.1 32.6 48.8

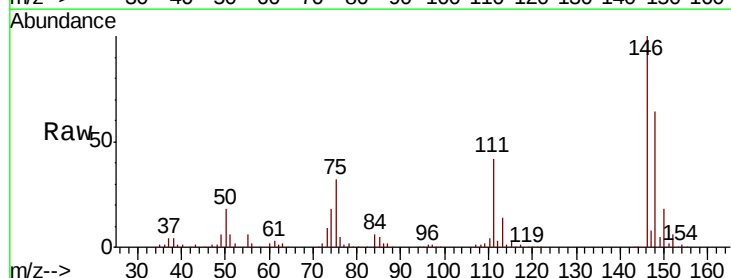


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

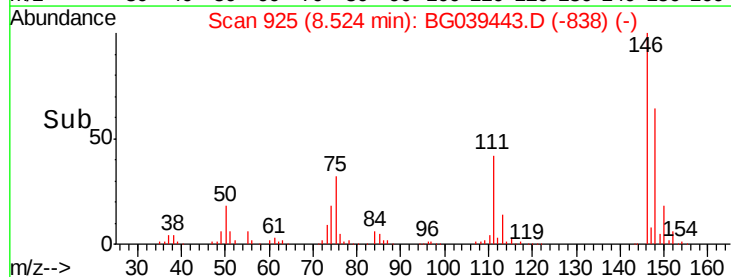
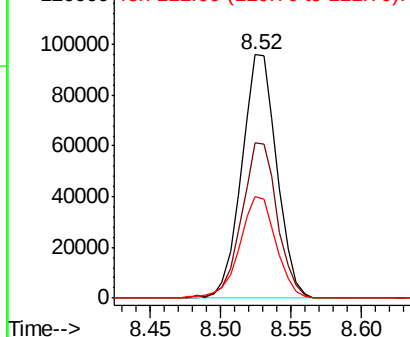


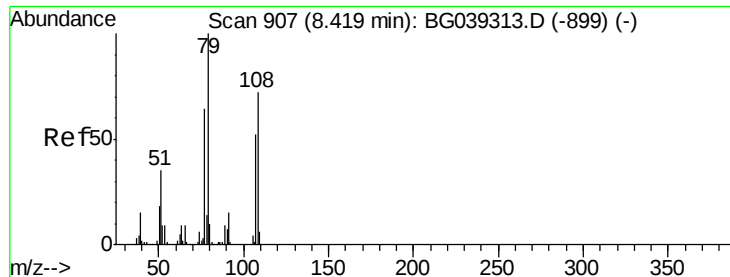
#14
 1,2-Dichlorobenzene
 Concen: 43.722 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion:146 Resp: 166482
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.5 77.3
 111 41.8 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: 49.537 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

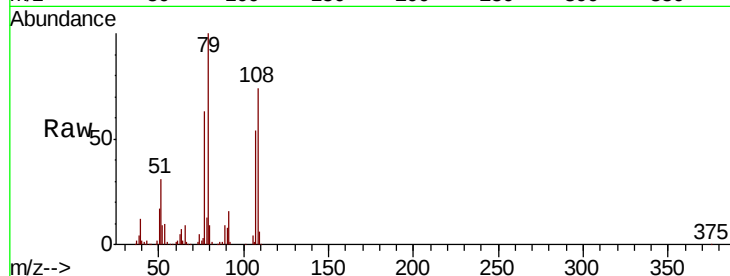
Tgt Ion: 79 Resp: 170601

Ion Ratio Lower Upper

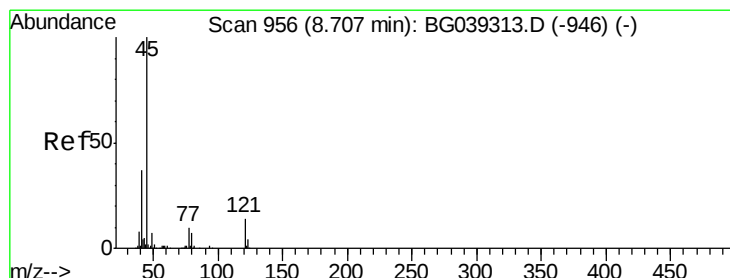
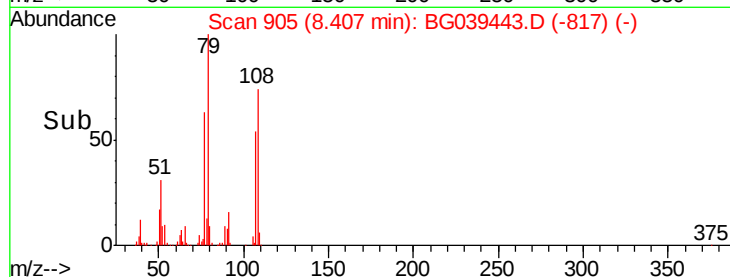
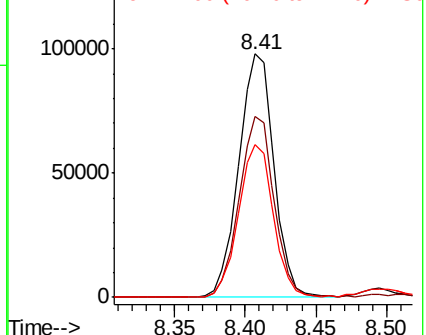
79 100

108 74.1 57.8 86.6

77 63.0 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: 37.215 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

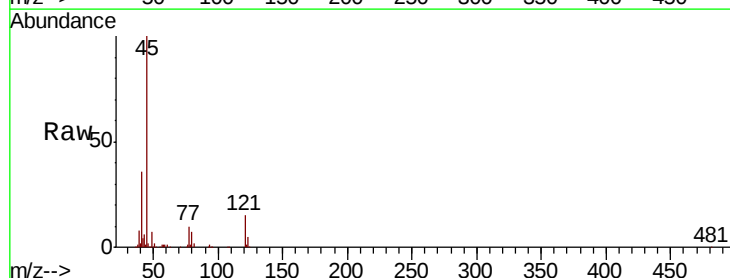
Tgt Ion: 45 Resp: 303668

Ion Ratio Lower Upper

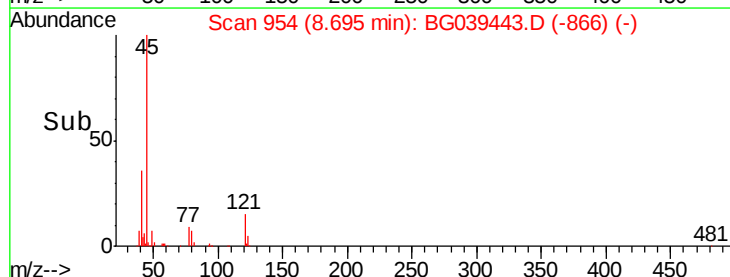
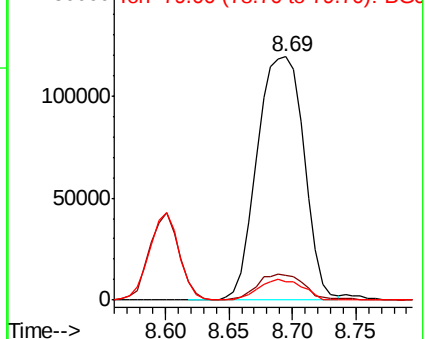
45 100

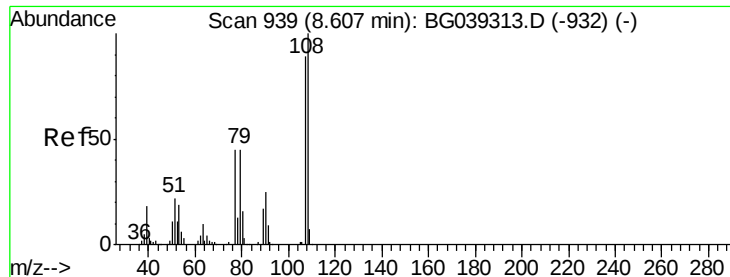
77 9.9 0.0 30.0

79 7.5 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

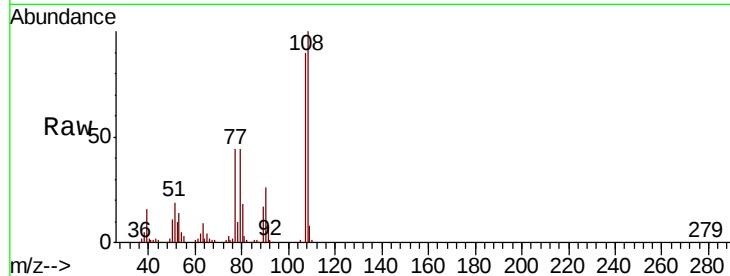




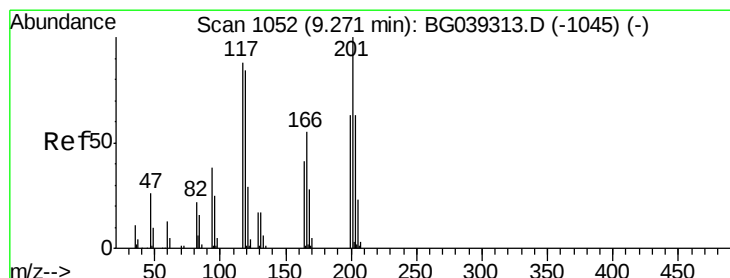
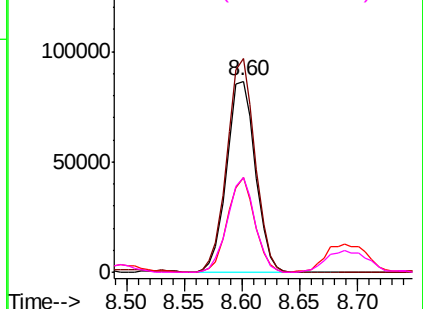
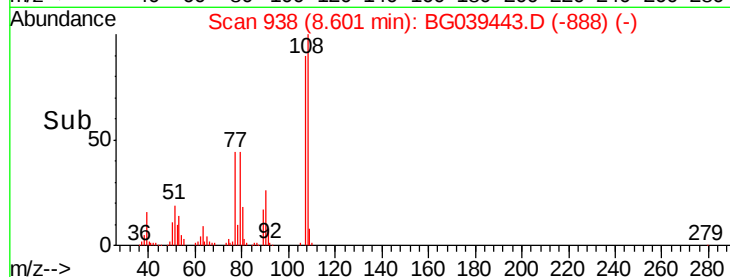
#17
2-Methylphenol
Concen: 50.417 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.8	136.2
77	49.2	40.7	61.1
79	49.5	40.6	60.8

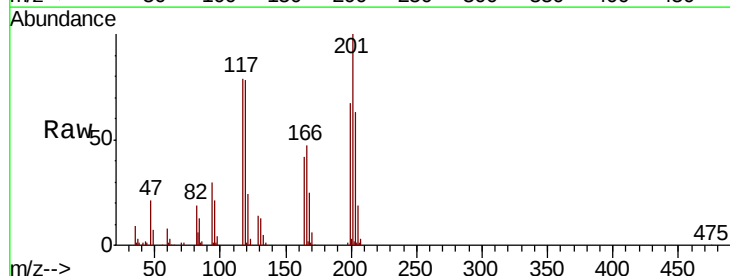


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

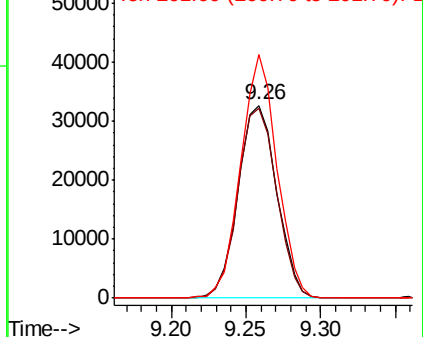
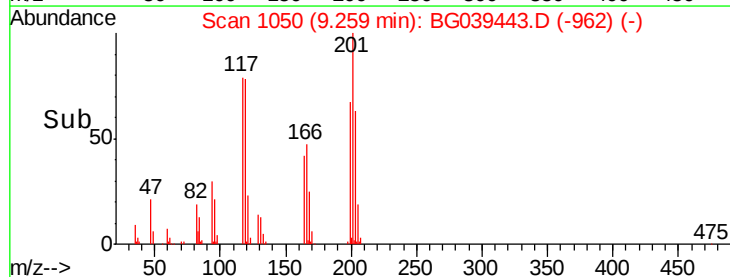


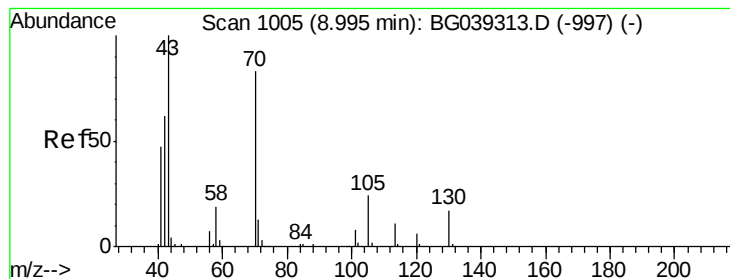
#18
Hexachloroethane
Concen: 43.544 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.3	114.5
201	126.3	91.1	136.7



Abundance Ion 117.00 (116.70 to 117.70): E
50000
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: 44.760 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

Tgt Ion: 70 Resp: 139358

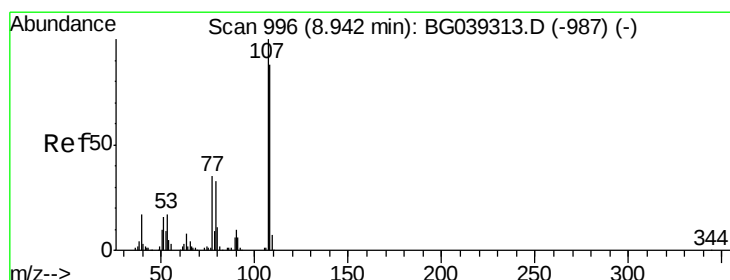
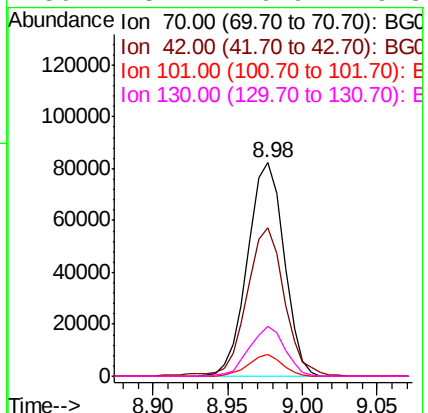
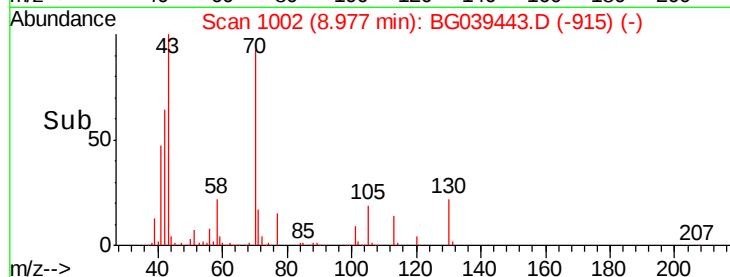
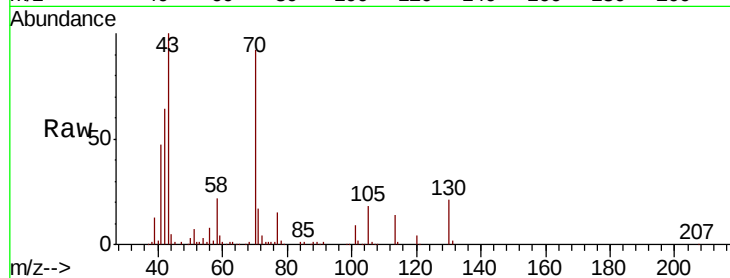
Ion Ratio Lower Upper

70 100

42 69.3 60.4 90.6

101 10.1 7.5 11.3

130 23.2 16.9 25.3



#20

3+4-Methylphenols

Concen: 50.834 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion: 107 Resp: 207146

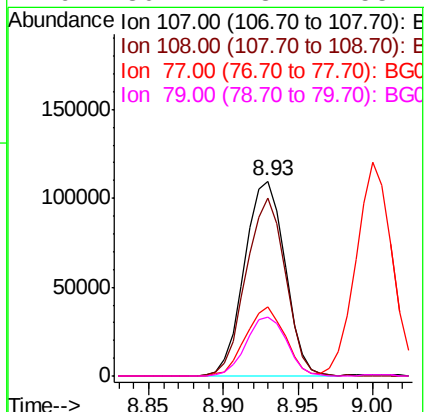
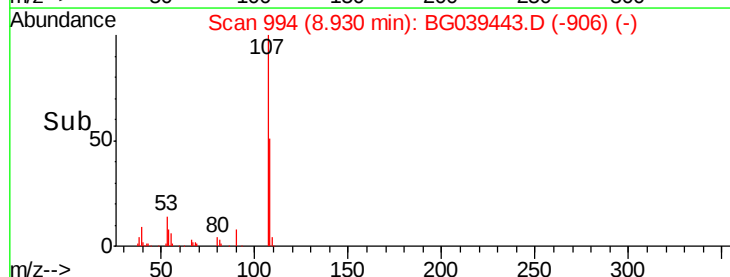
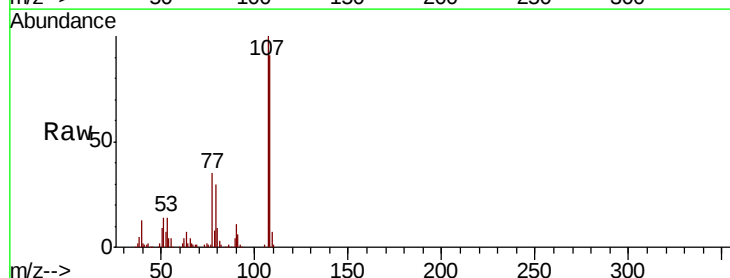
Ion Ratio Lower Upper

107 100

108 91.1 67.9 107.9

77 35.4 15.4 55.4

79 30.2 13.7 53.7

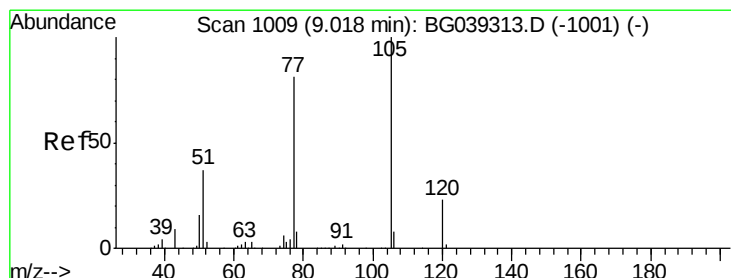
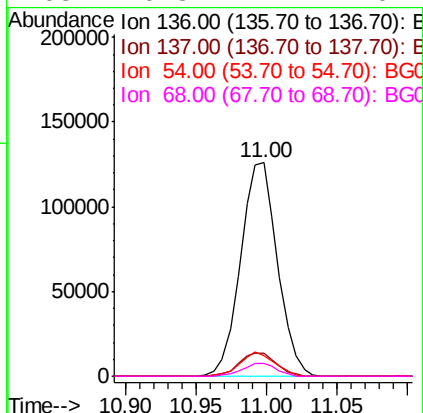
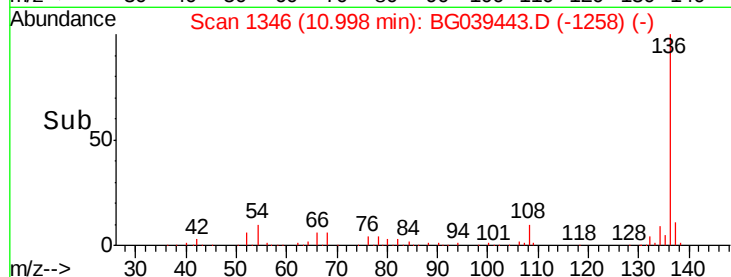
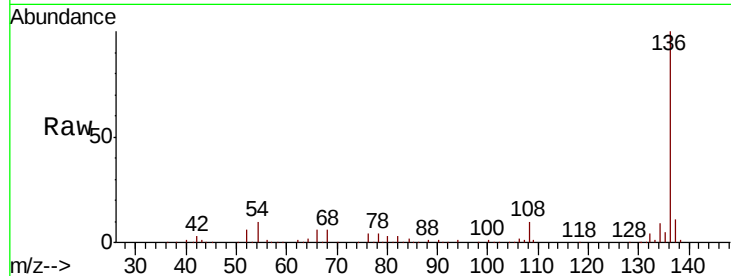




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

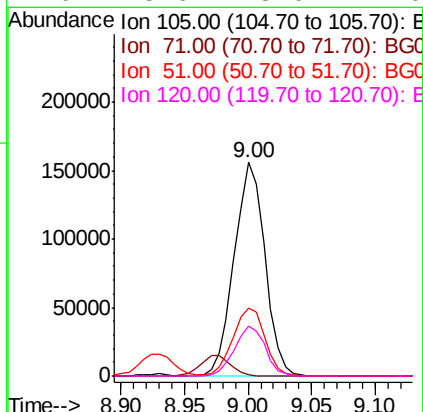
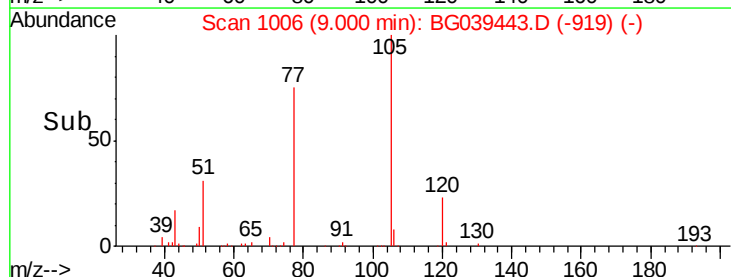
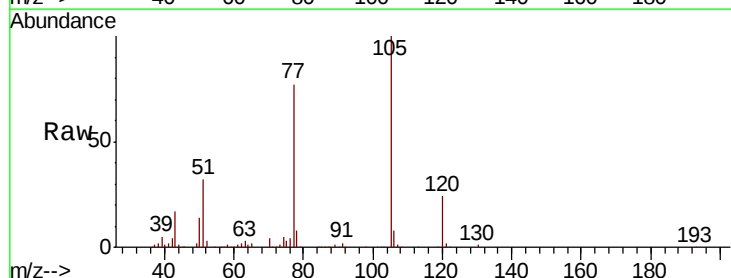
Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

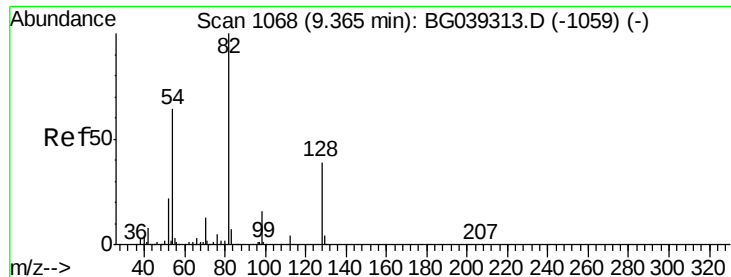
Tgt Ion:	136	Resp:	229759
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.9	9.4	14.2
68	6.3	4.2	6.4



#22
Acetophenone
Concen: 42.390 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion:	105	Resp:	261616
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	31.7	30.2	45.2
120	23.6	18.0	27.0

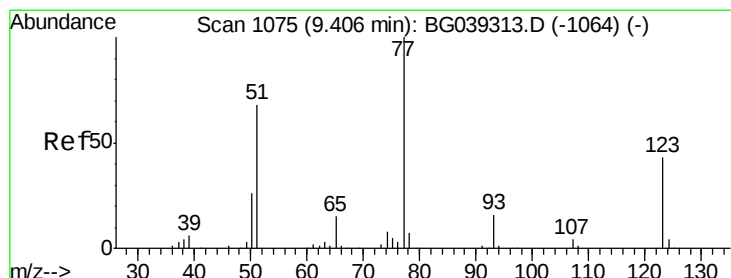
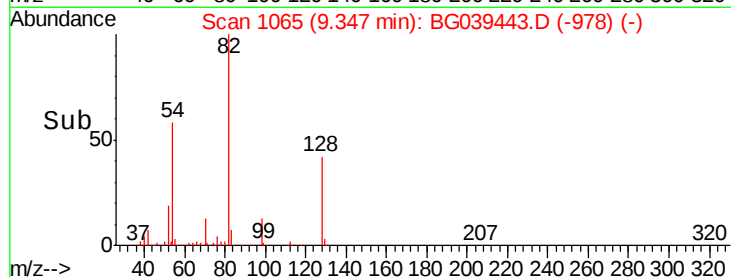
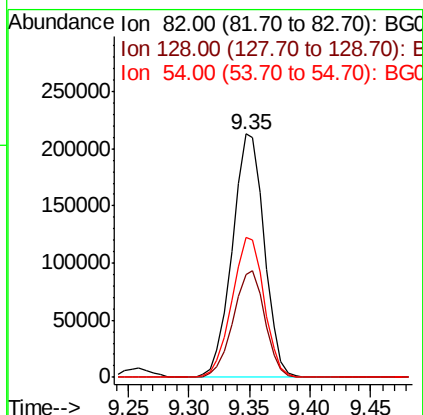
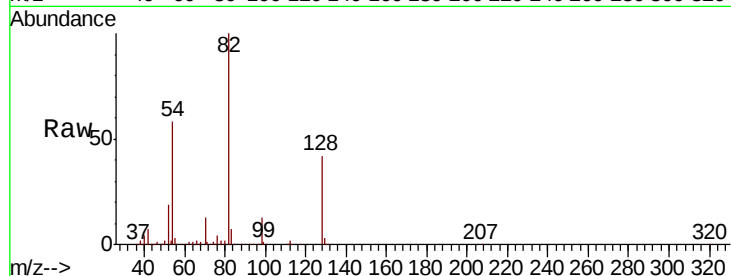




#23
 Nitrobenzene-d5
 Concen: 106.764 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

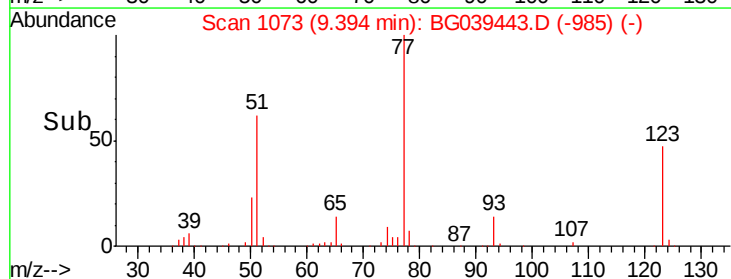
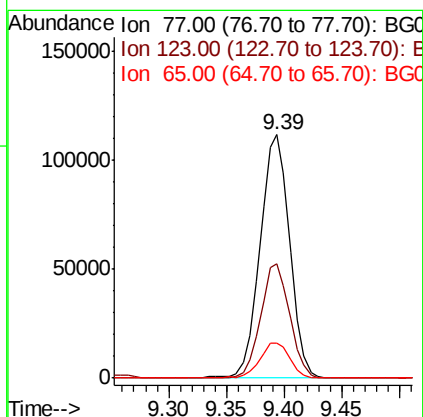
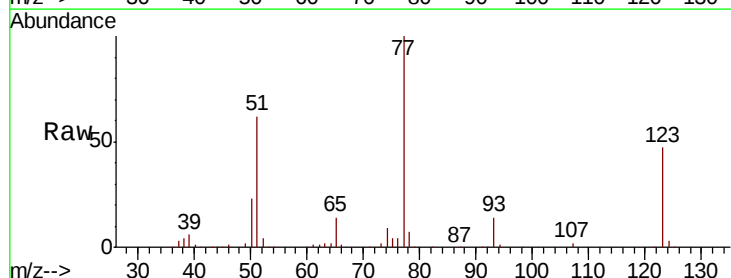
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tgt Ion: 82 Resp: 392658
 Ion Ratio Lower Upper
 82 100
 128 42.3 31.3 46.9
 54 57.7 50.9 76.3



#24
 Nitrobenzene
 Concen: 50.219 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion: 77 Resp: 199531
 Ion Ratio Lower Upper
 77 100
 123 46.7 34.1 51.1
 65 14.4 12.3 18.5





#25

Isophorone

Concen: 49.298 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

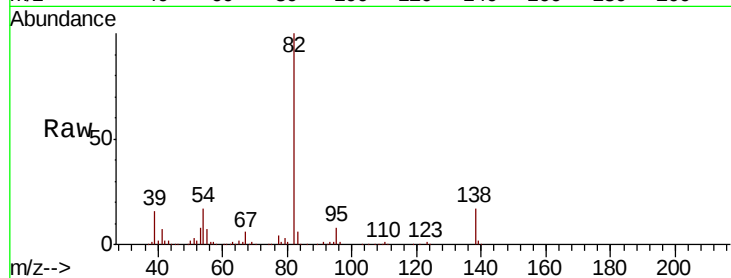
Tgt Ion: 82 Resp: 401778

Ion Ratio Lower Upper

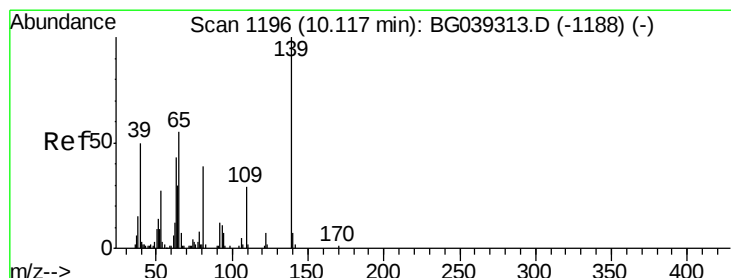
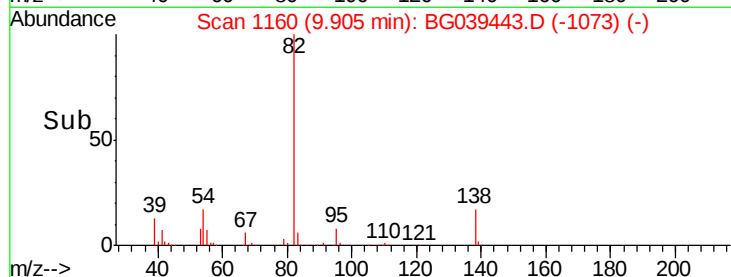
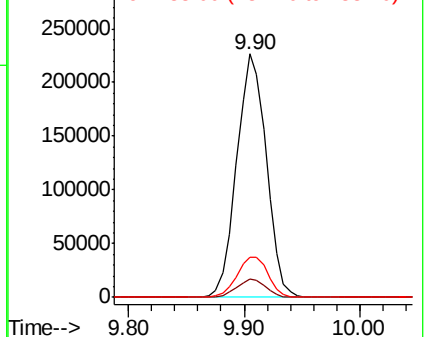
82 100

95 7.8 6.2 9.2

138 16.7 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: 59.194 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

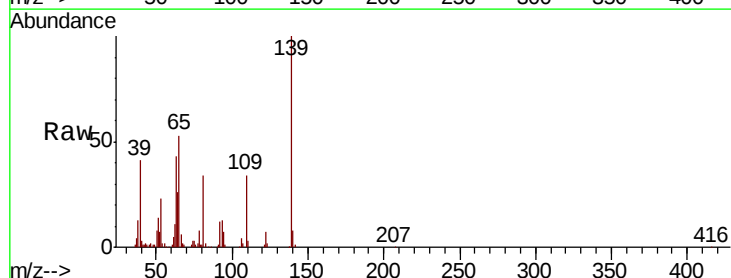
Tgt Ion: 139 Resp: 99142

Ion Ratio Lower Upper

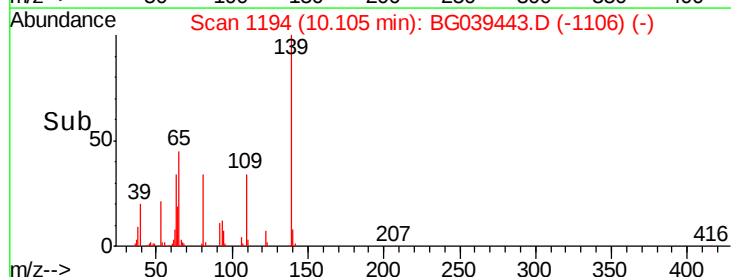
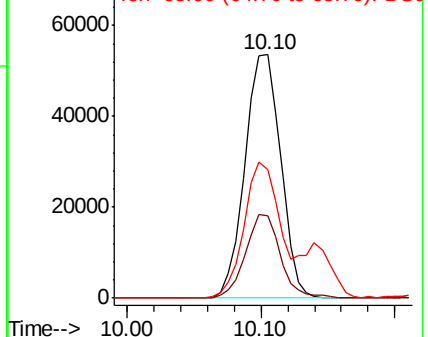
139 100

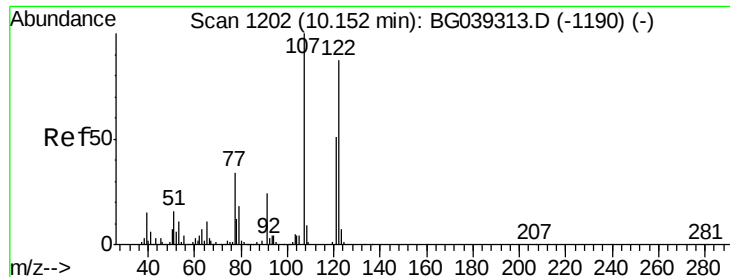
109 33.6 23.4 35.0

65 52.8 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

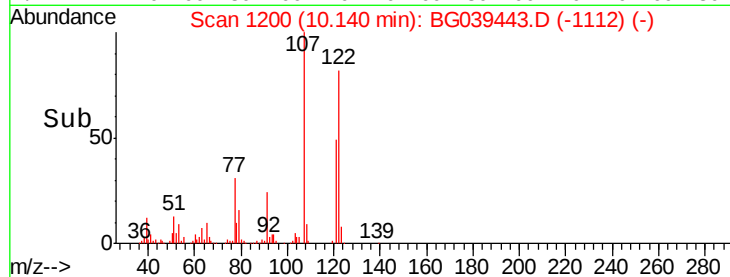
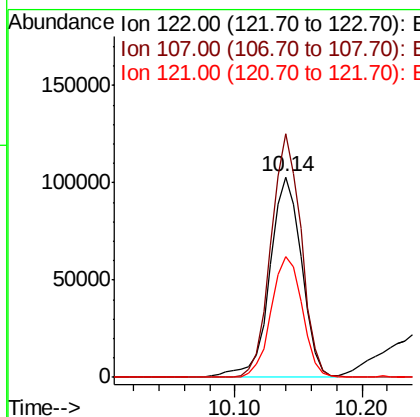
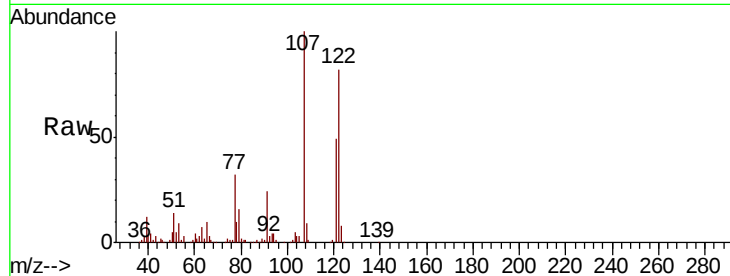




#27
2,4-Dimethylphenol
Concen: 54.625 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

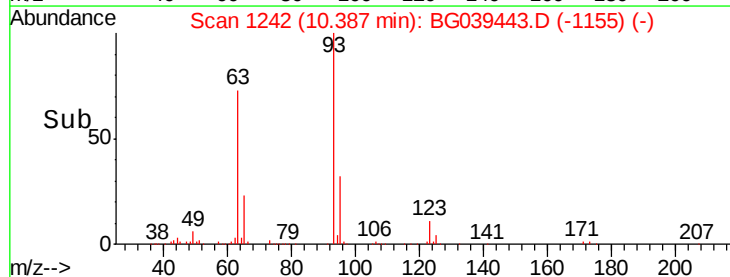
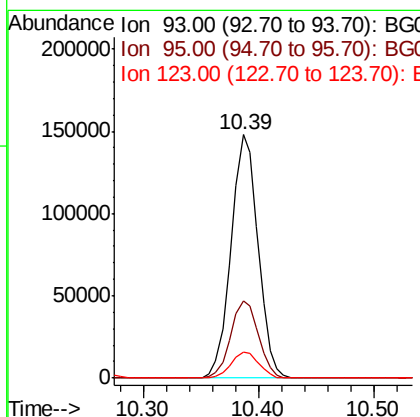
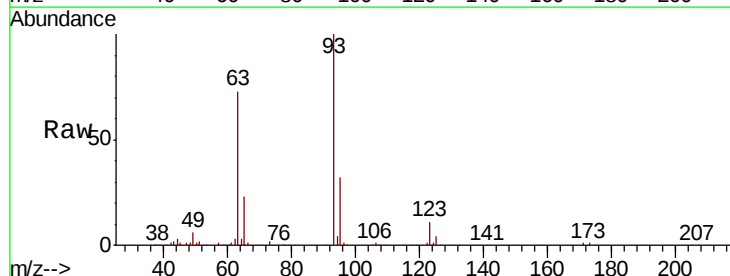
Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

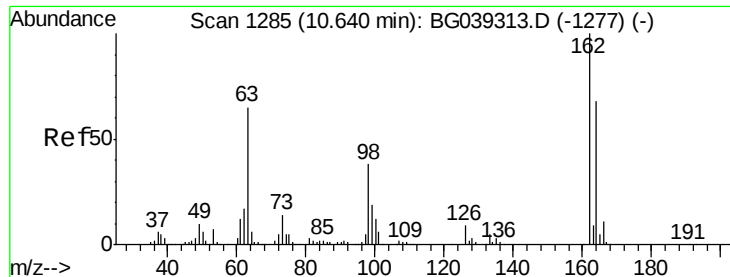
Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.6	91.7	137.5
121	60.1	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.575 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.0	37.4
123	10.9	8.6	12.8

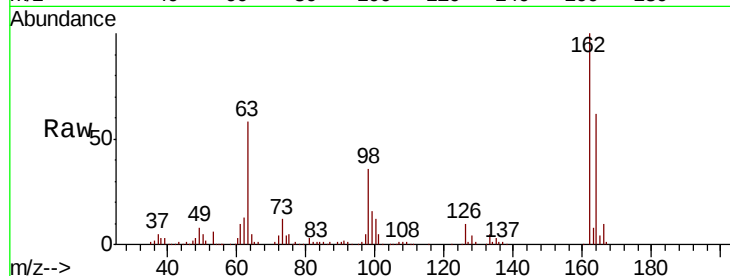




#29
2,4-Dichlorophenol
Concen: 53.888 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.4	48.1	88.1
98	35.7	18.1	58.1

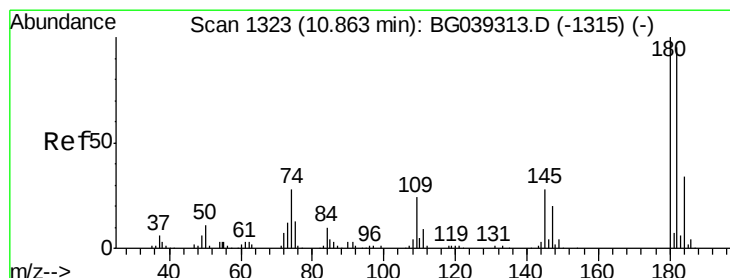
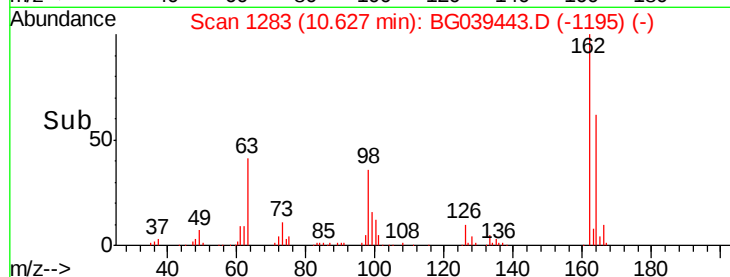
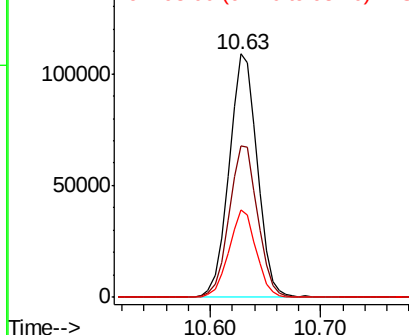


Abundance

Ion 162.00 (161.70 to 162.70): E

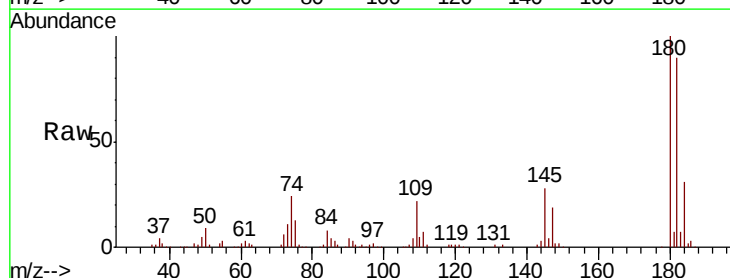
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 46.385 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.4	76.0	114.0
145	27.9	22.7	34.1

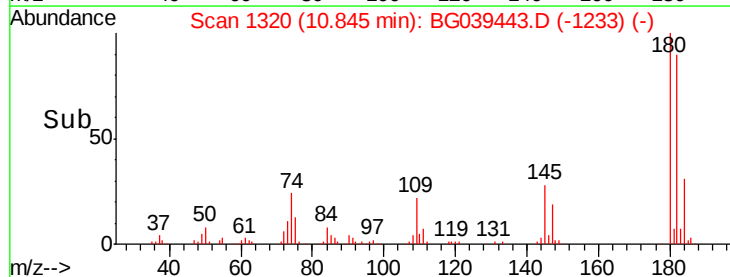
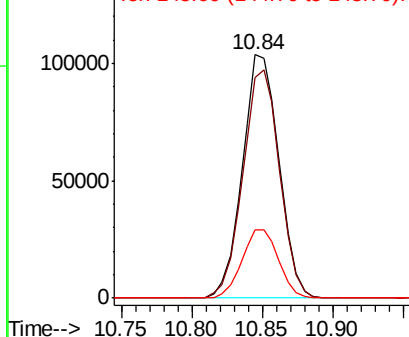


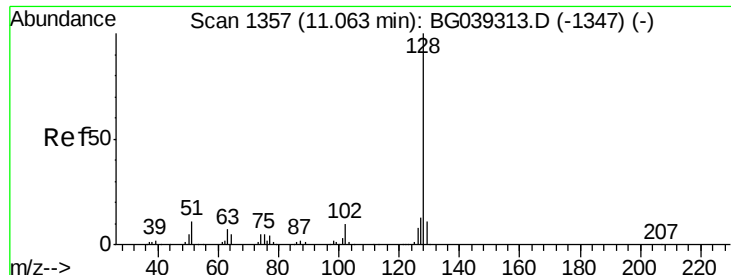
Abundance

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

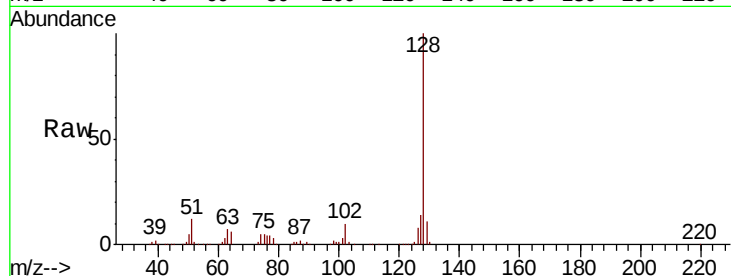




#31
Naphthalene
Concen: 47.828 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	14.3	10.8	16.2

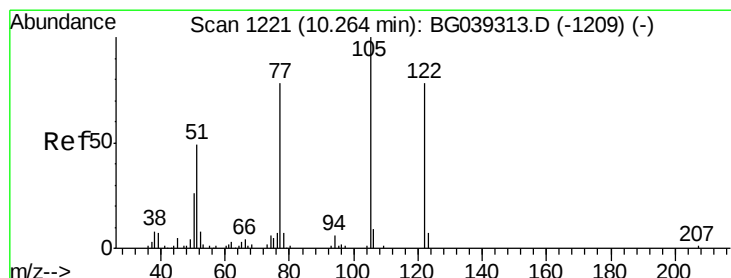
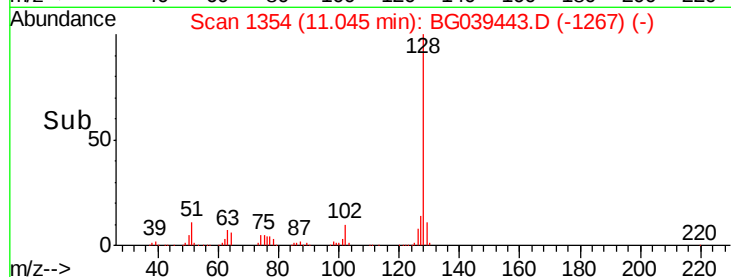
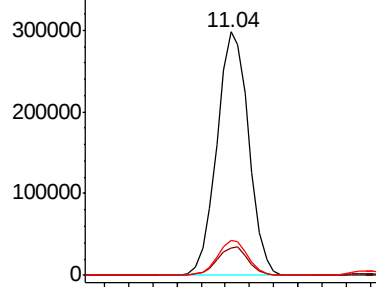


Abundance

Ion 128.00 (127.70 to 128.70): E

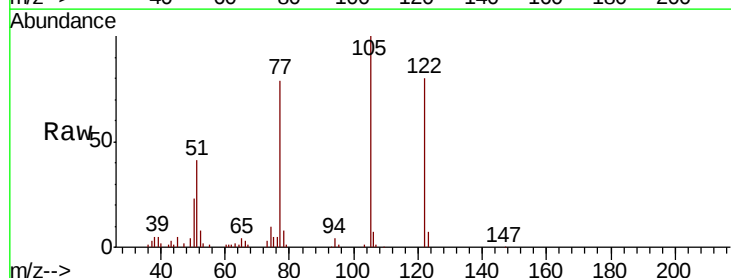
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 49.285 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	101.8	141.8
77	99.1	76.3	116.3

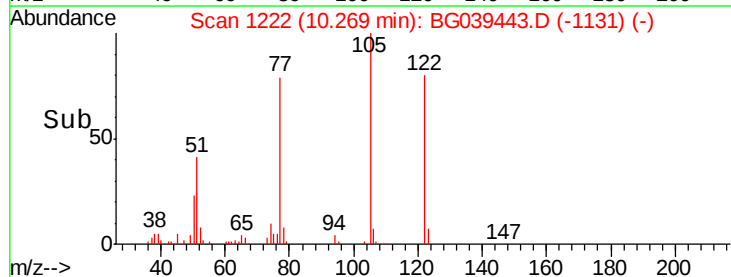
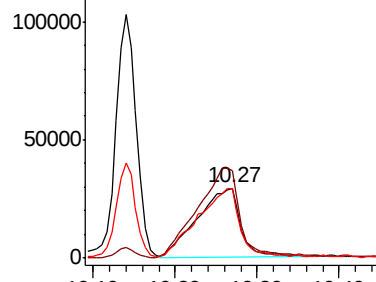


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

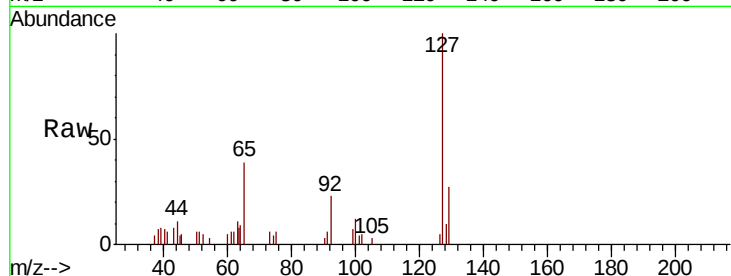




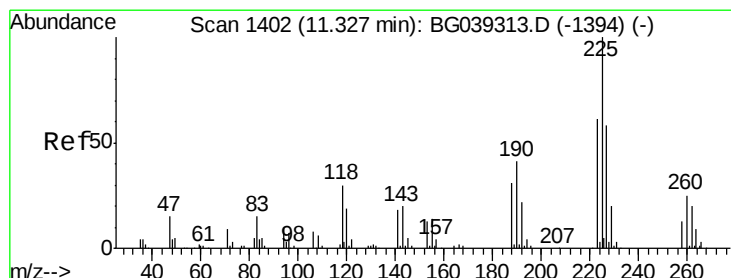
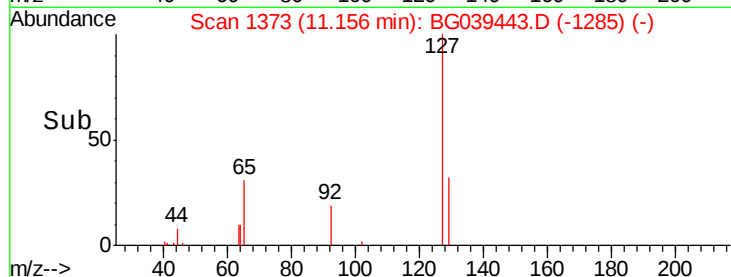
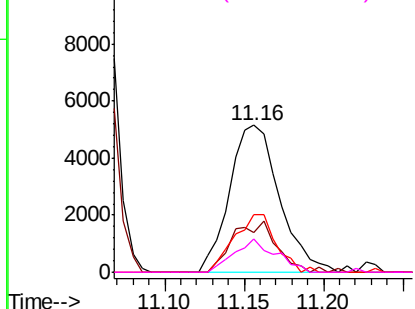
#33
4-Chloroaniline
Concen: 2.128 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tgt Ion:	127	Resp:	11245
Ion	Ratio	Lower	Upper
127	100		
129	27.4	27.0	40.4
65	39.2	28.8	43.2
92	22.6	16.6	25.0

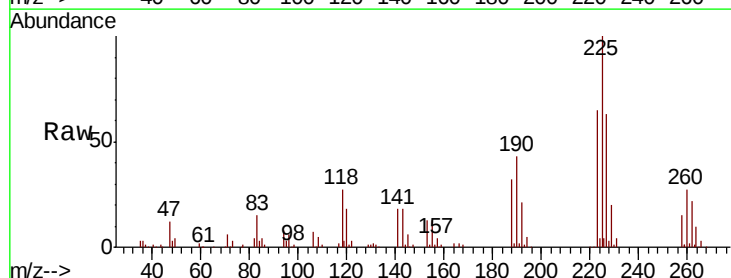


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

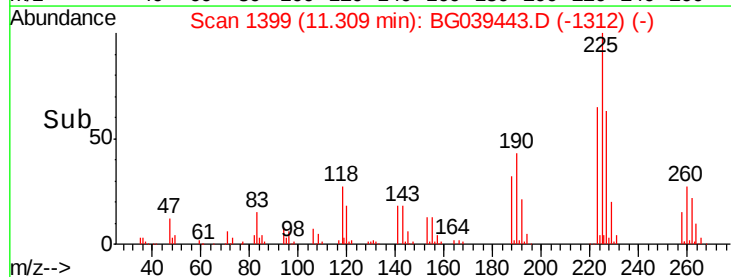
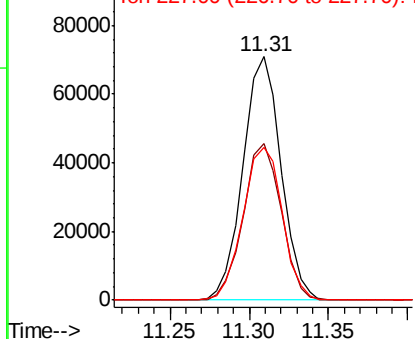


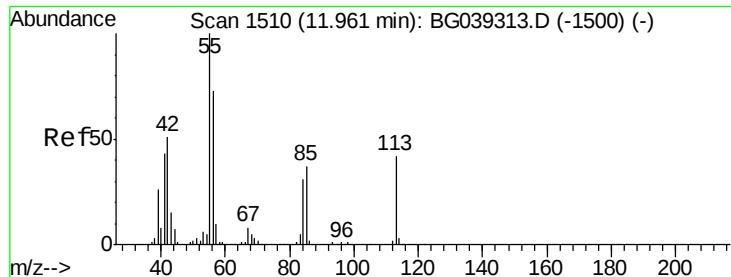
#34
Hexachlorobutadiene
Concen: 44.074 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion:	225	Resp:	118572
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.0	73.6
227	62.6	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

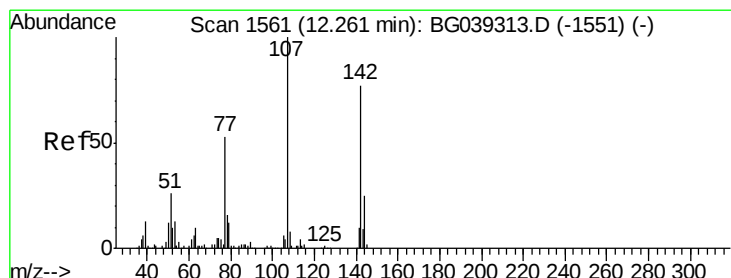
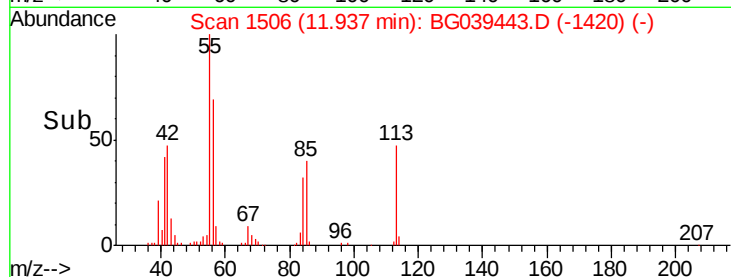
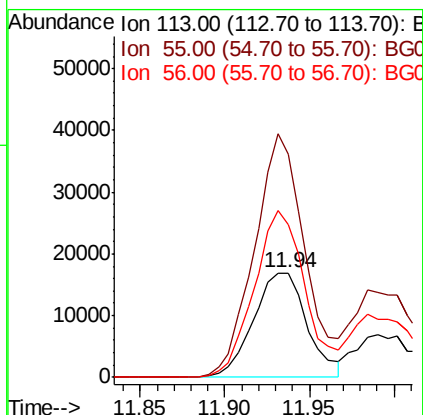
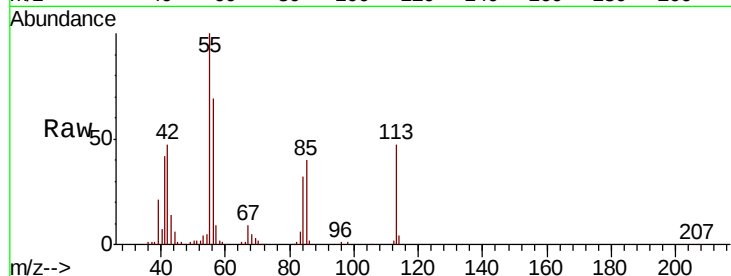




#35
 Caprolactam
 Concen: 24.780 ng
 RT: 11.94 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

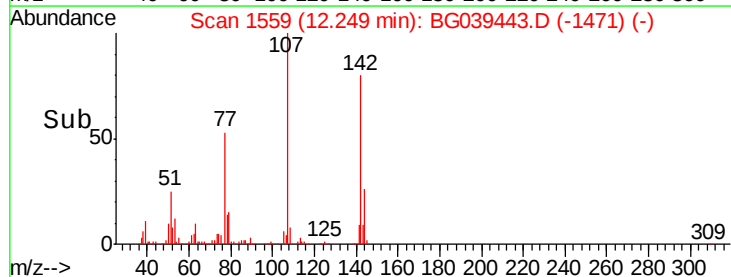
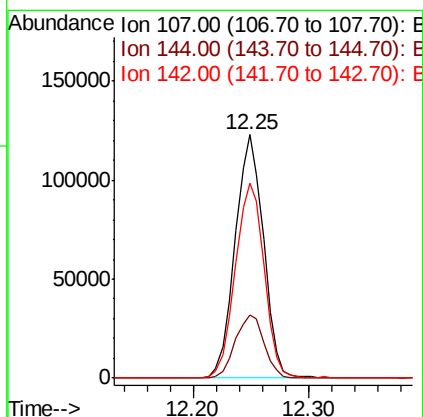
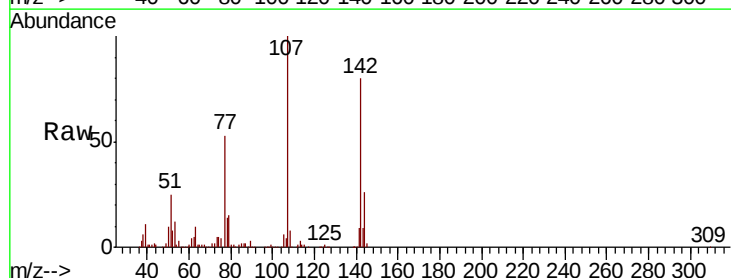
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

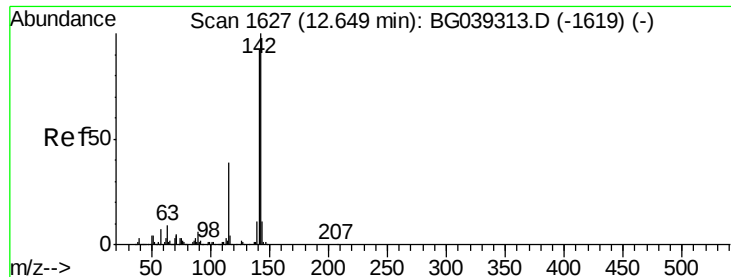
Tgt Ion:113 Resp: 36949
 Ion Ratio Lower Upper
 113 100
 55 213.7 216.9 256.9#
 56 146.8 152.6 192.6#



#36
 4-Chloro-3-methylphenol
 Concen: 50.220 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion:107 Resp: 209274
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.2 30.2
 142 79.9 61.4 92.2

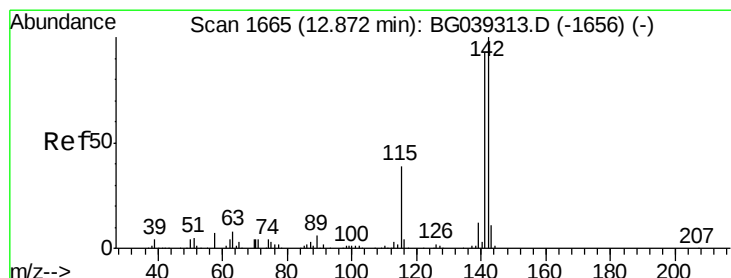
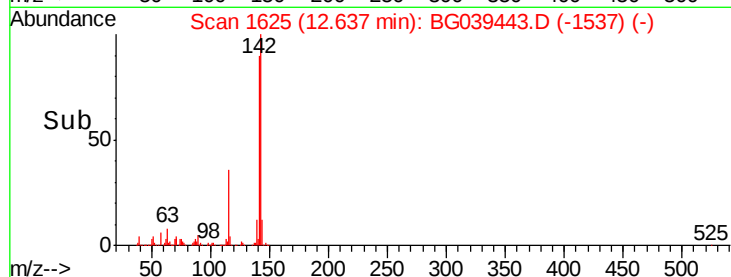
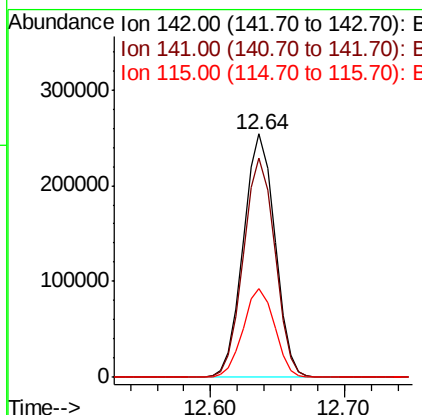
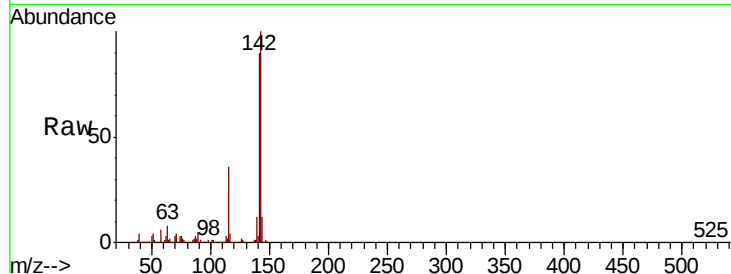




#37
2-Methylnaphthalene
Concen: 49.149 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

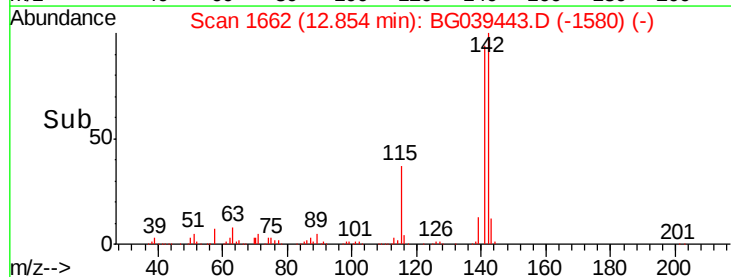
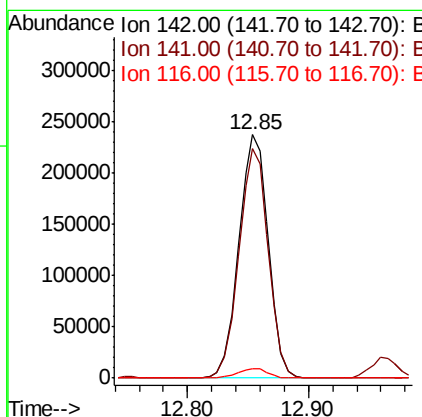
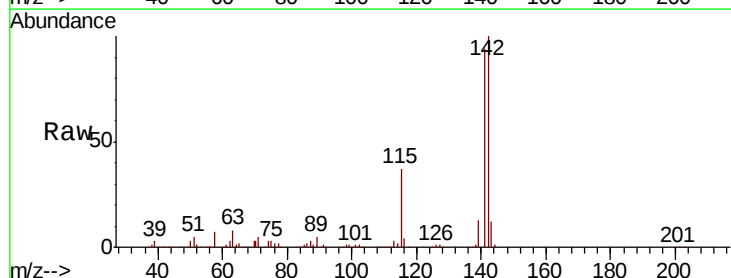
Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

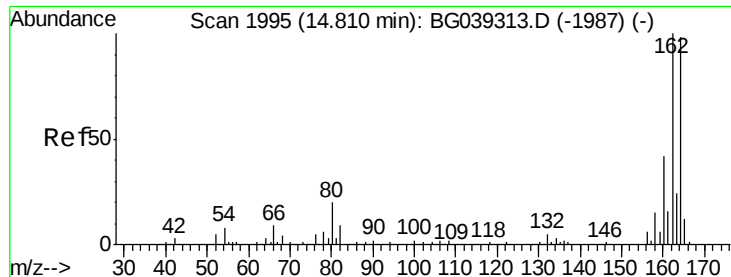
Tgt Ion:142 Resp: 414923
Ion Ratio Lower Upper
142 100
141 90.2 73.5 110.3
115 36.3 30.8 46.2



#38
1-Methylnaphthalene
Concen: 49.192 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion:142 Resp: 400317
Ion Ratio Lower Upper
142 100
141 94.4 74.2 111.4
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

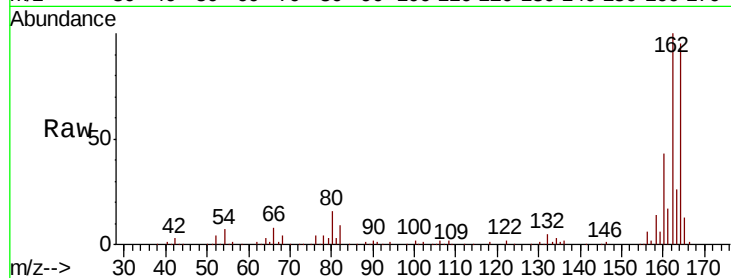
Tgt Ion:164 Resp: 161233

Ion Ratio Lower Upper

164 100

162 105.2 81.6 122.4

160 44.8 34.2 51.2

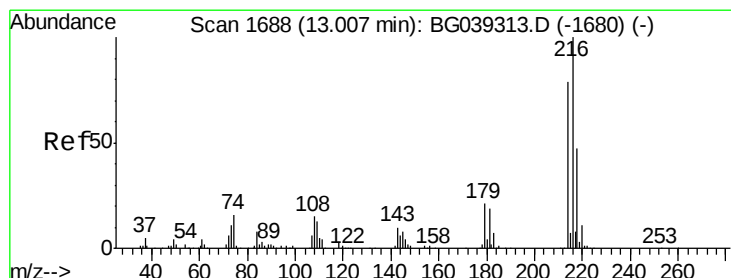
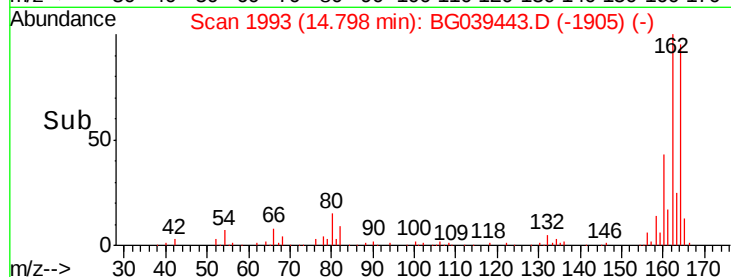
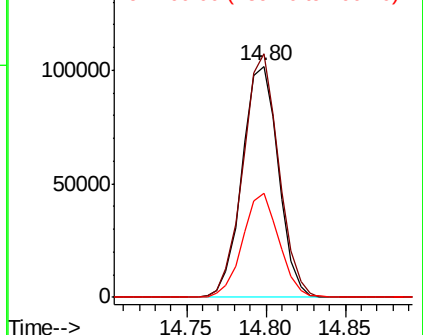


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.366 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:216 Resp: 227597

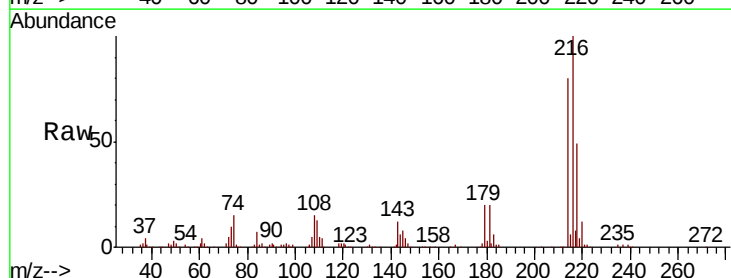
Ion Ratio Lower Upper

216 100

214 80.1 62.6 94.0

179 20.6 16.6 25.0

108 17.7 14.0 21.0



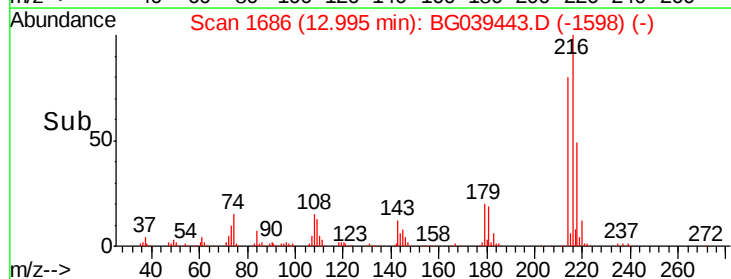
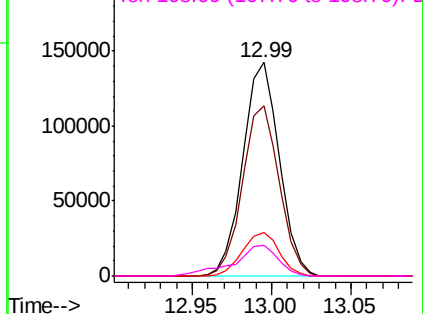
Abundance

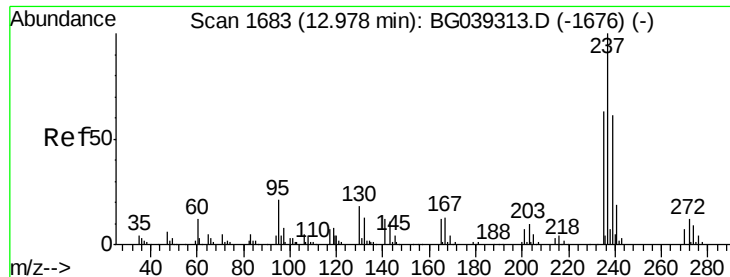
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.761 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

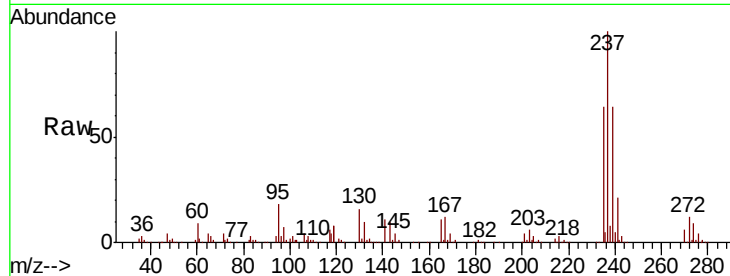
Tgt Ion: 237 Resp: 287259

Ion Ratio Lower Upper

237 100

235 64.0 43.3 83.3

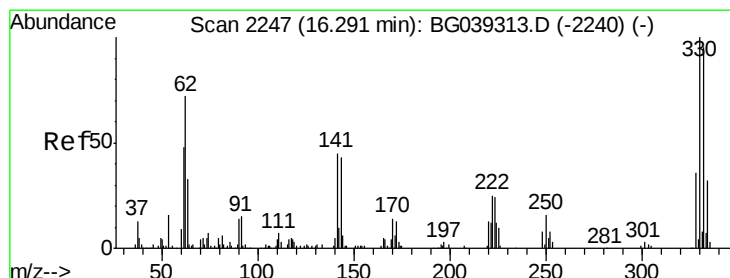
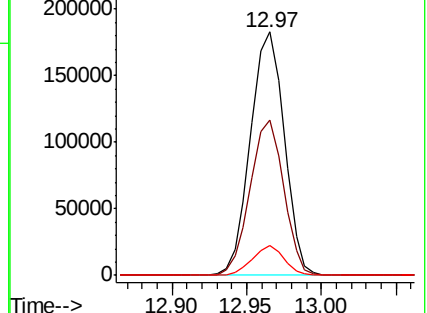
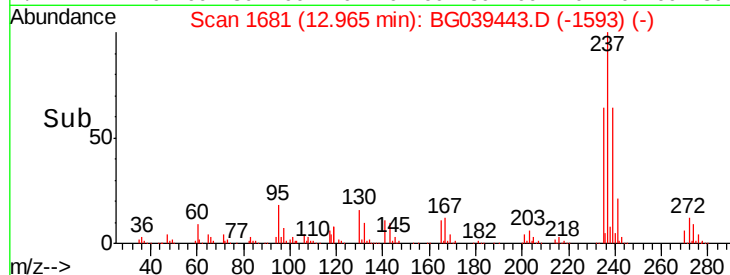
272 12.2 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 159.685 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

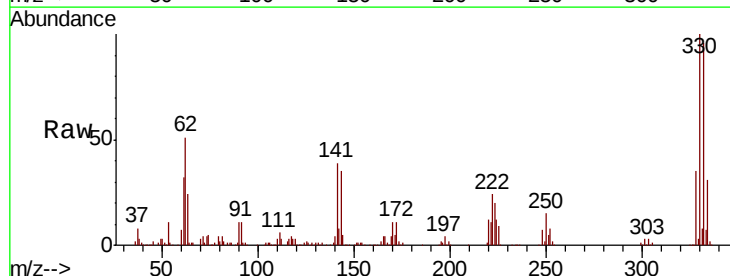
Tgt Ion: 330 Resp: 277246

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

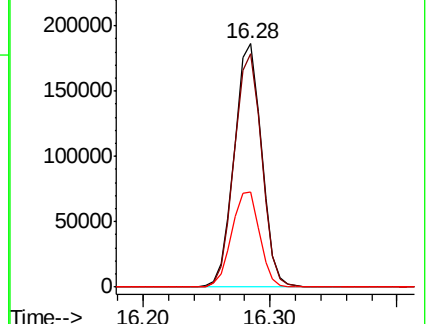
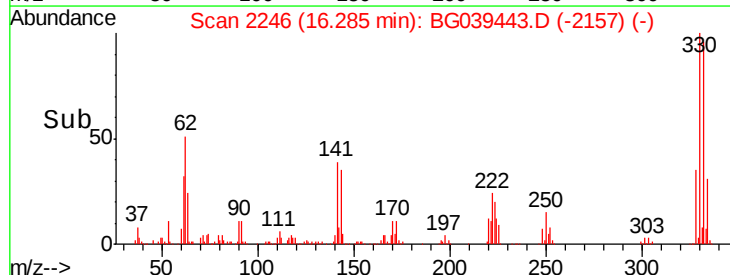
141 40.0 35.6 53.4

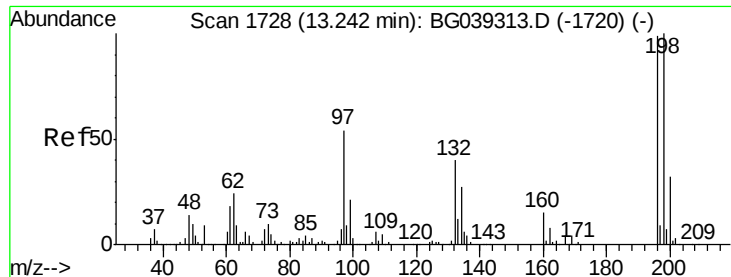


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

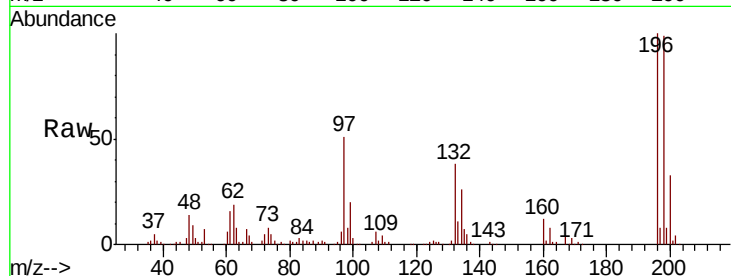




#43
 2,4,6-Trichlorophenol
 Concen: 52.085 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	80.6	121.0
200	32.6	26.1	39.1

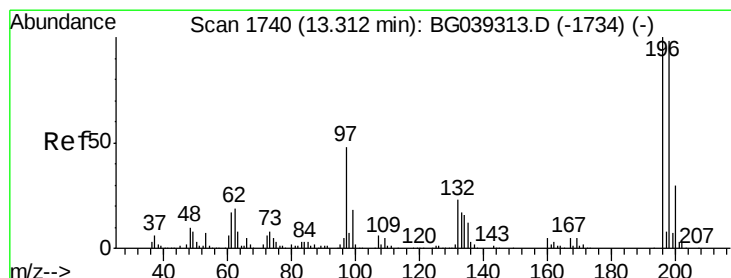
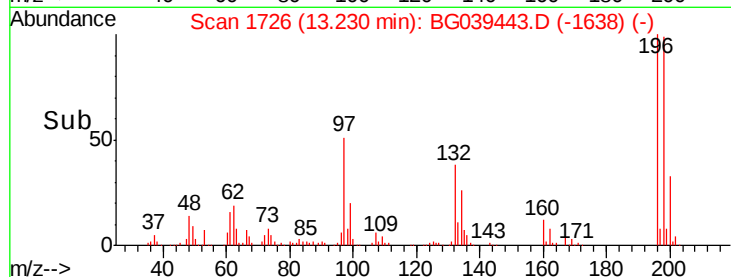
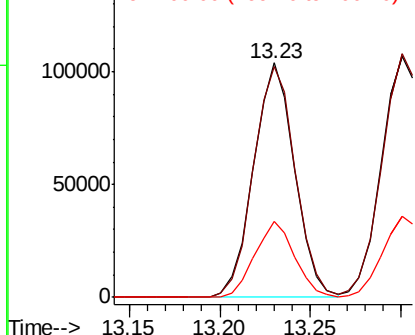


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 53.997 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	78.5	117.7
97	48.1	38.4	57.6
132	27.9	19.2	28.8

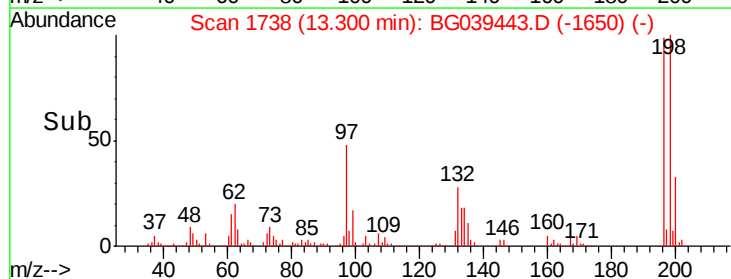
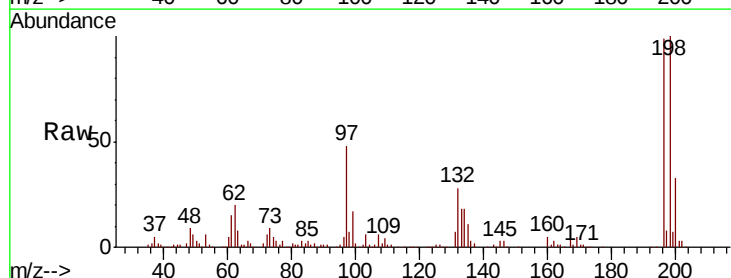
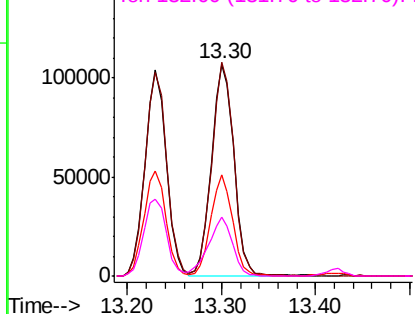
Abundance

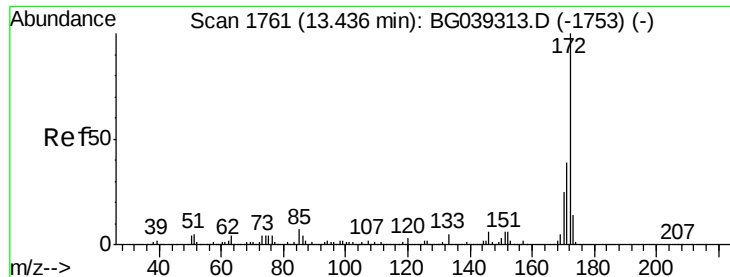
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 87.158 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

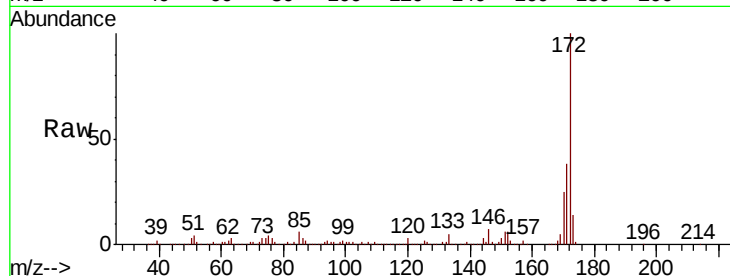
Tgt Ion:172 Resp: 979587

Ion Ratio Lower Upper

172 100

171 38.0 30.8 46.2

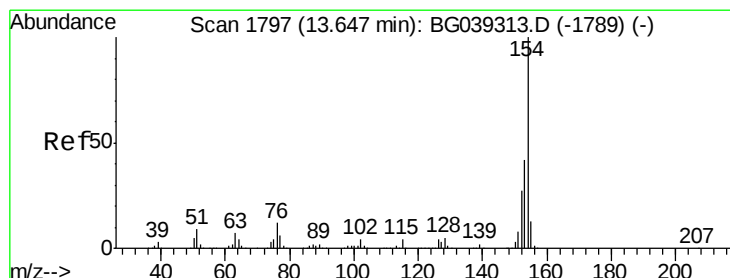
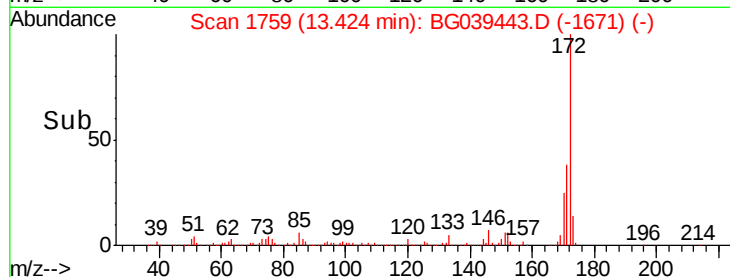
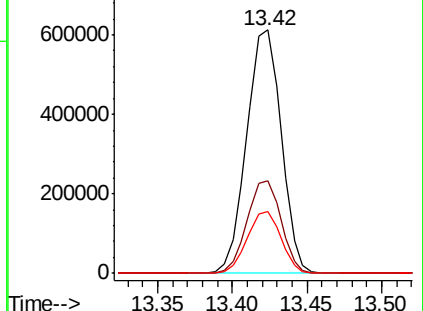
170 25.3 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.687 ng

RT: 13.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

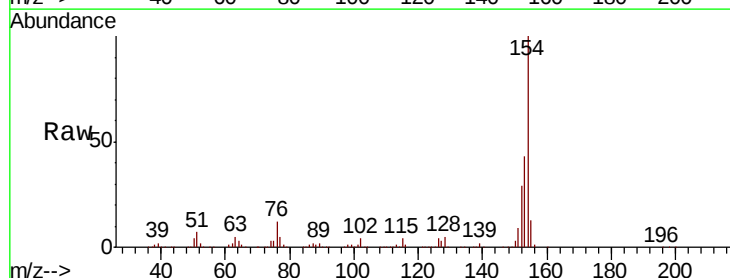
Tgt Ion:154 Resp: 572647

Ion Ratio Lower Upper

154 100

153 42.8 22.1 62.1

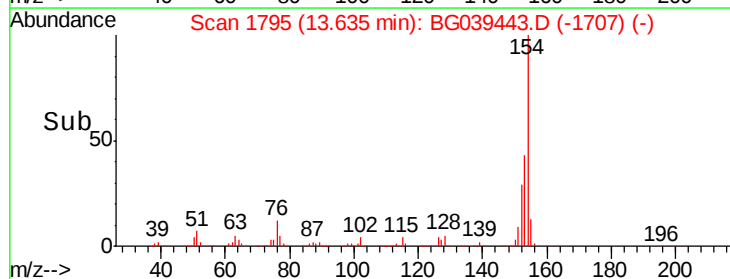
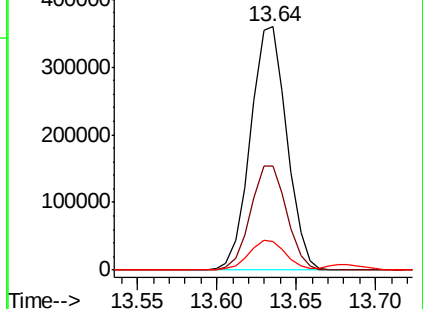
76 11.6 0.0 32.4

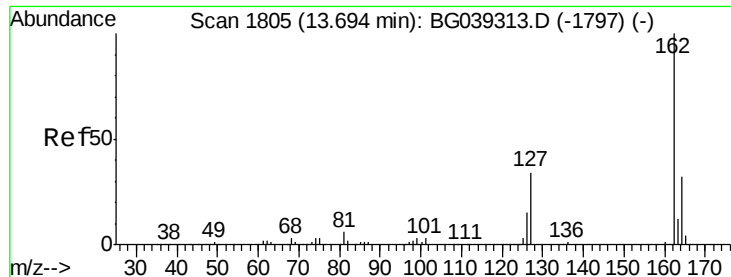


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

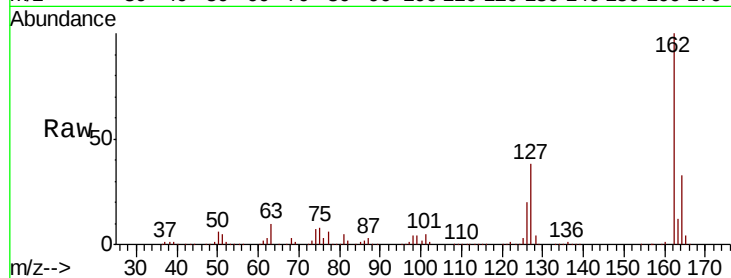




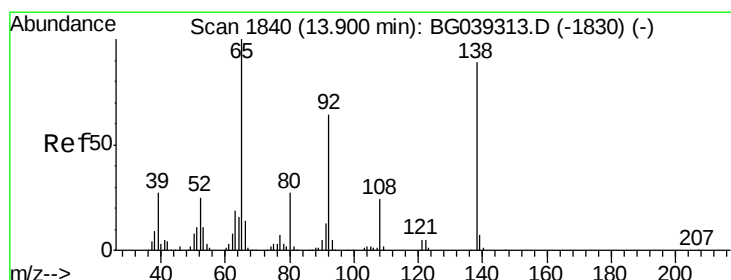
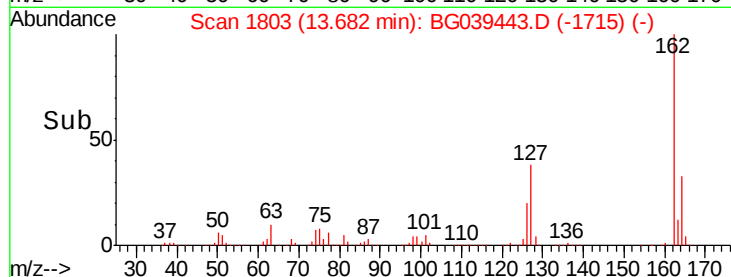
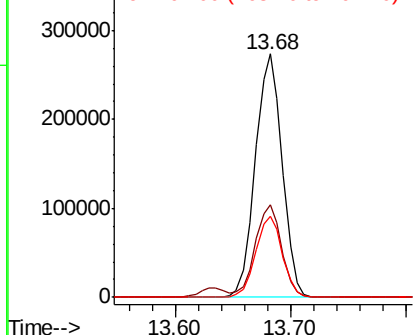
#47
 2-Chloronaphthalene
 Concen: 43.823 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tgt Ion: 162 Resp: 442254
 Ion Ratio Lower Upper
 162 100
 127 38.2 31.0 46.6
 164 33.4 25.7 38.5

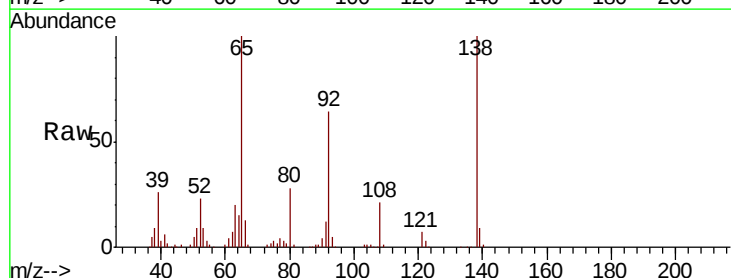


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

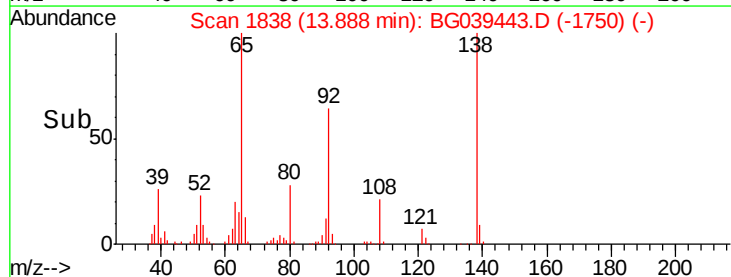
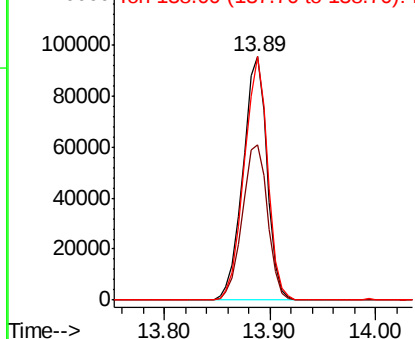


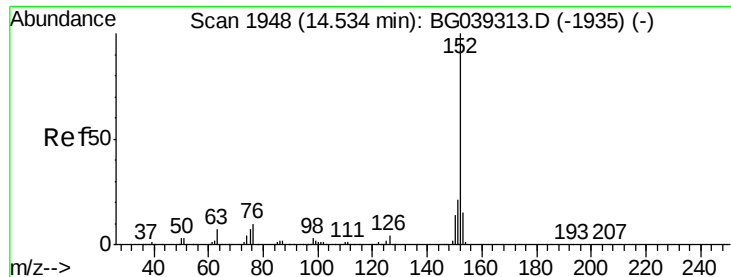
#48
 2-Nitroaniline
 Concen: 51.192 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion: 65 Resp: 150339
 Ion Ratio Lower Upper
 65 100
 92 64.0 51.4 77.2
 138 100.1 71.4 107.2



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





#49

Acenaphthylene

Concen: 47.143 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

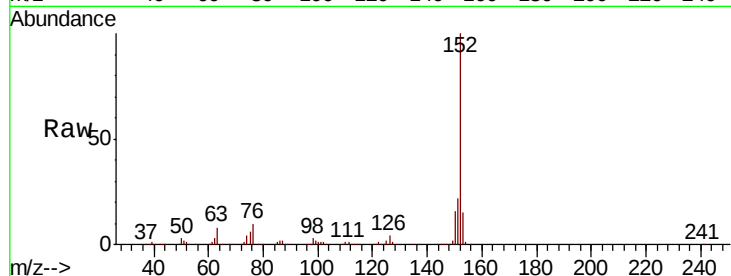
Tgt Ion:152 Resp: 717874

Ion Ratio Lower Upper

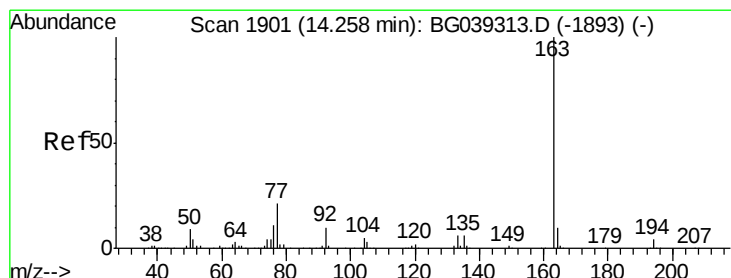
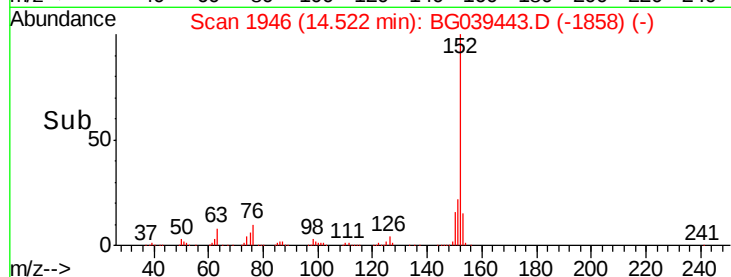
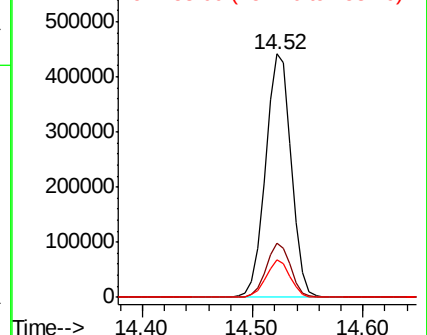
152 100

151 22.4 16.8 25.2

153 15.4 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: 46.300 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

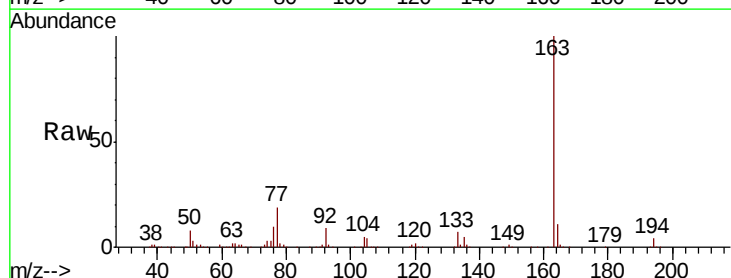
Tgt Ion:163 Resp: 602911

Ion Ratio Lower Upper

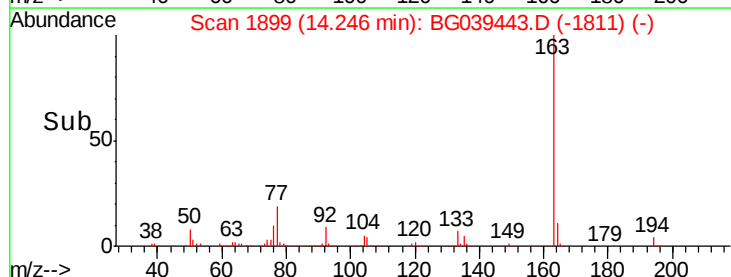
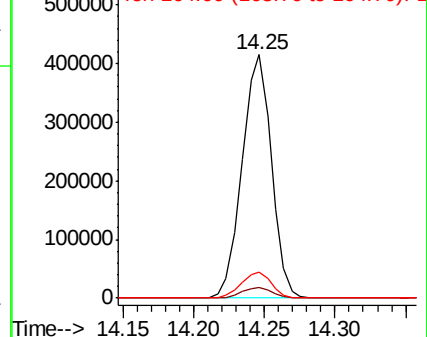
163 100

194 4.2 3.6 5.4

164 10.9 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

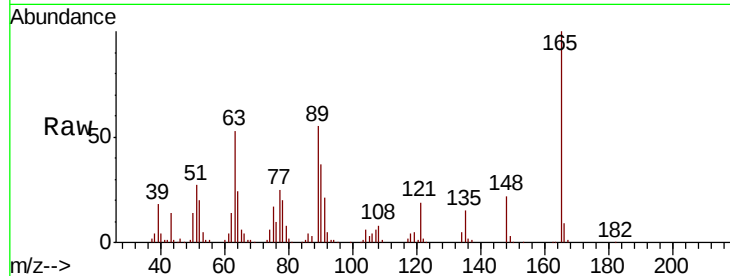




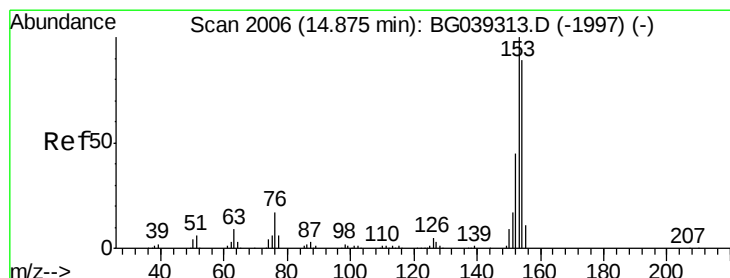
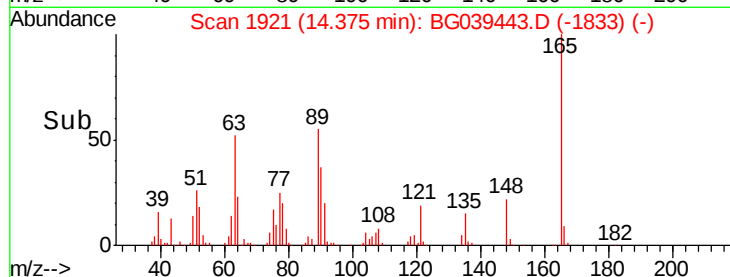
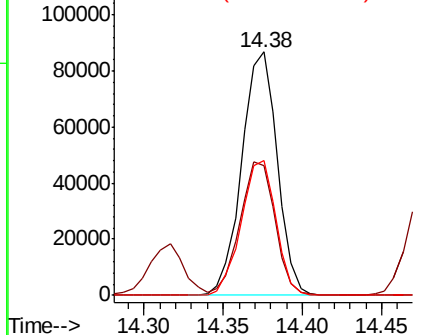
#51
2,6-Dinitrotoluene
Concen: 54.413 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.2	47.0	70.6
89	55.4	45.8	68.8

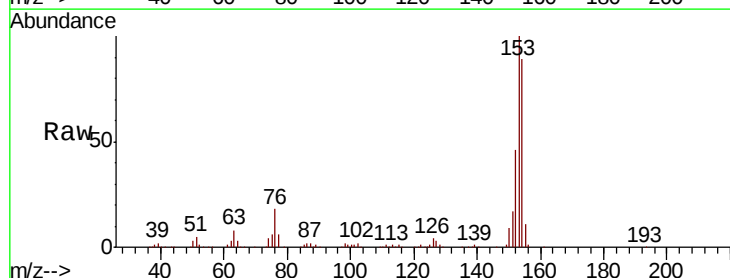


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

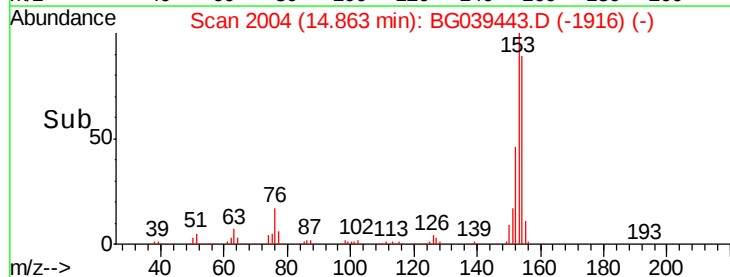
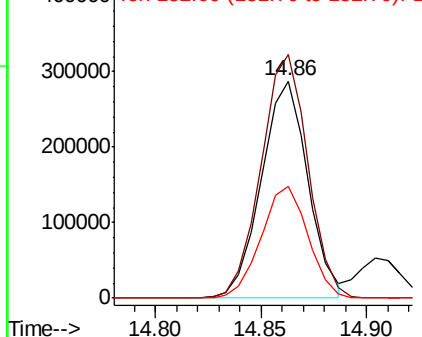


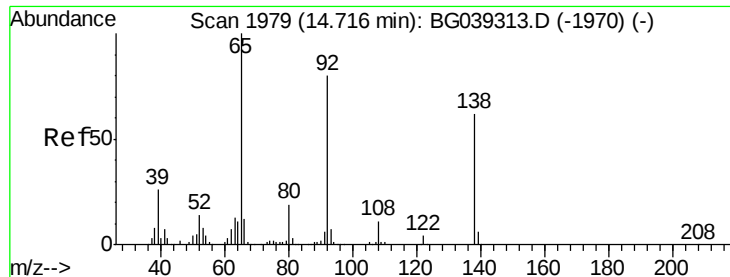
#52
Acenaphthene
Concen: 44.632 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.1	135.1
152	51.3	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

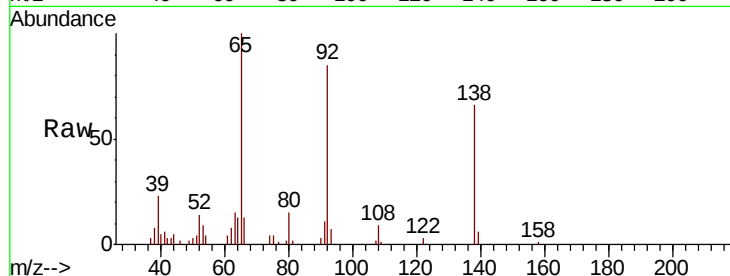




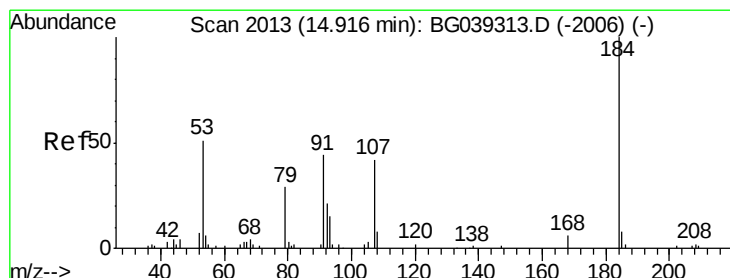
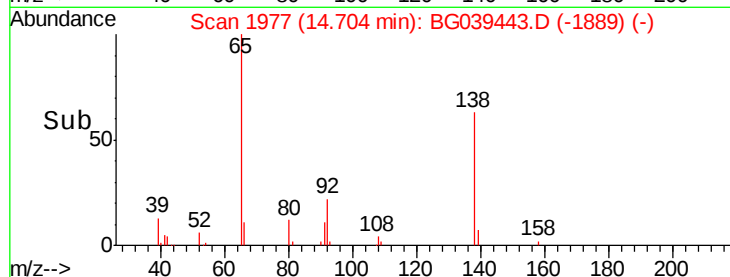
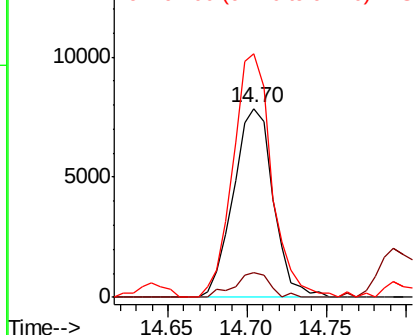
#53
3-Nitroaniline
Concen: 10.378 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tgt Ion:138 Resp: 13692
Ion Ratio Lower Upper
138 100
108 13.1 13.8 20.8#
92 129.1 103.7 155.5

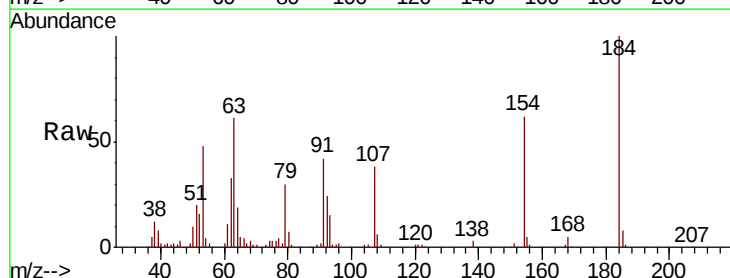


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

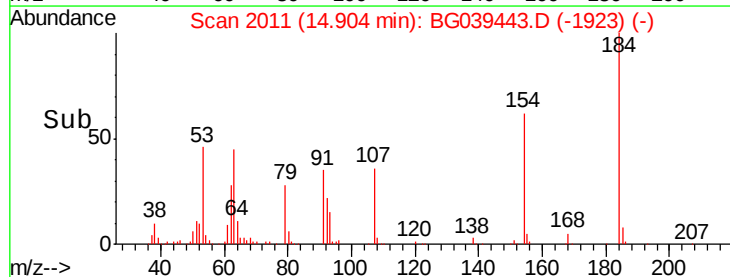
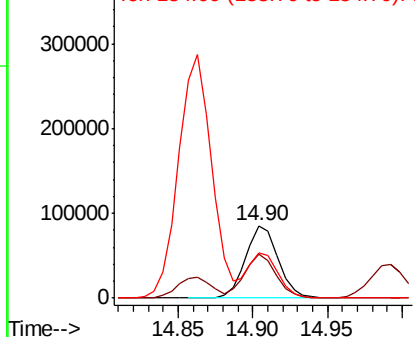


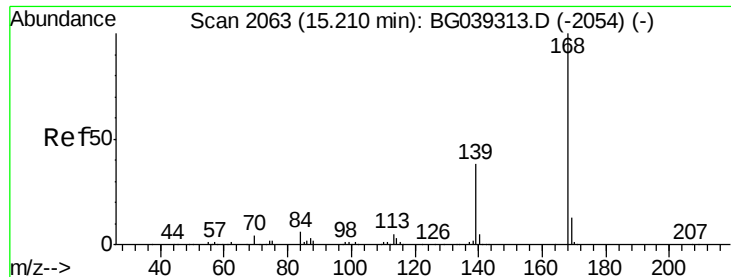
#54
2,4-Dinitrophenol
Concen: 104.229 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion:184 Resp: 128818
Ion Ratio Lower Upper
184 100
63 60.5 50.9 76.3
154 62.0 53.0 79.6



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





#55

Dibenzenofuran

Concen: 45.071 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

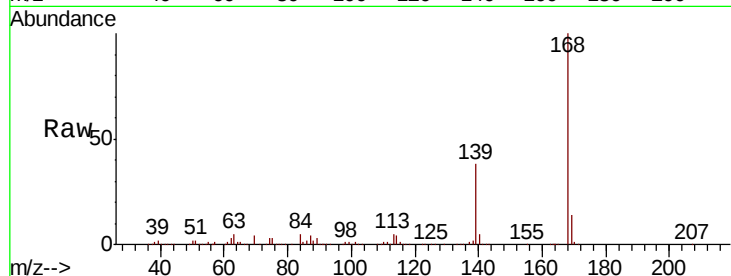
Tgt Ion:168 Resp: 714300

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

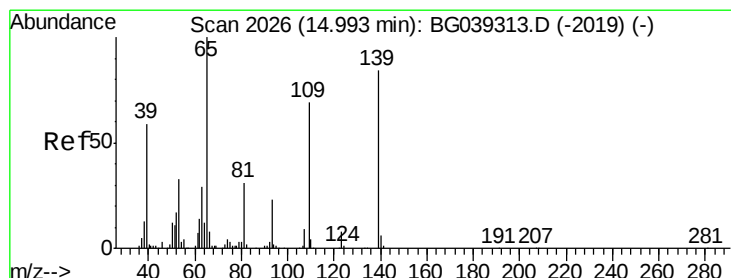
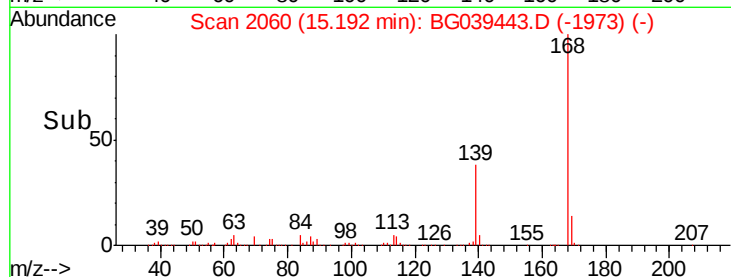
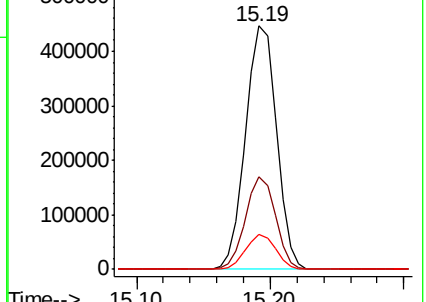
169 14.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.643 ng

RT: 14.99 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

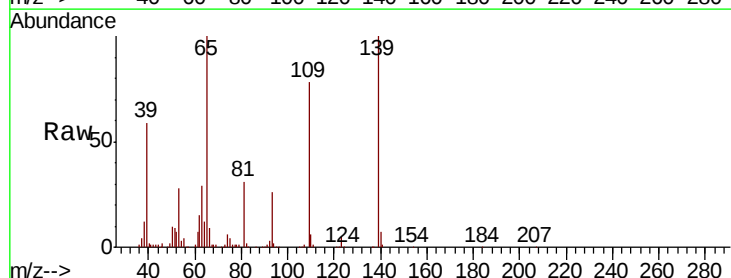
Tgt Ion:139 Resp: 215371

Ion Ratio Lower Upper

139 100

109 78.4 61.9 101.9

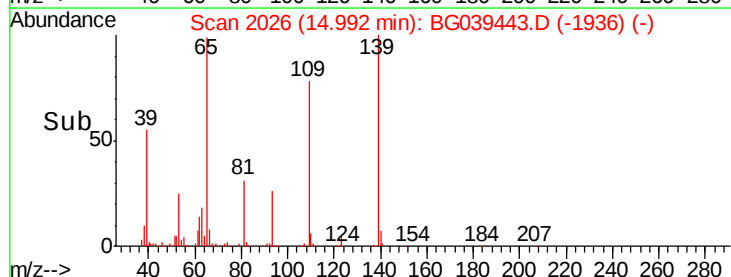
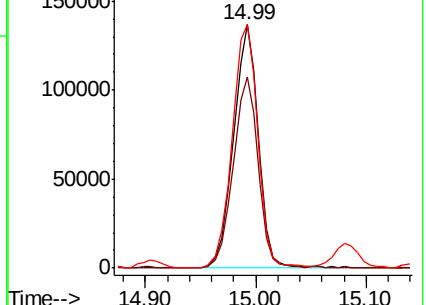
65 100.0 99.1 139.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 58.503 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

Tgt Ion:165 Resp: 188757

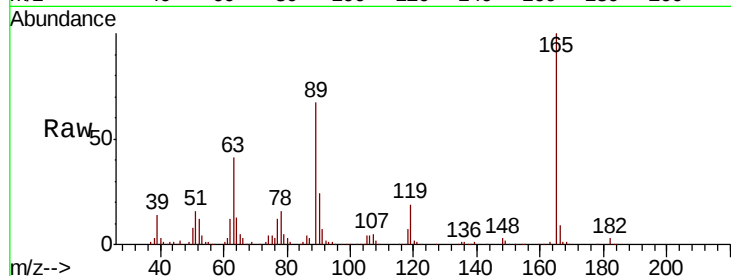
Ion Ratio Lower Upper

165 100

63 40.9 41.0 61.6#

89 66.8 64.6 96.8

182 3.3 2.0 3.0#

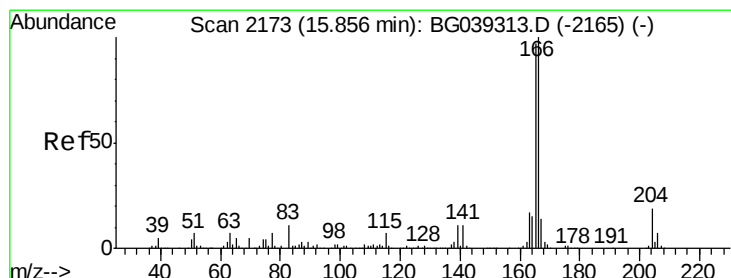
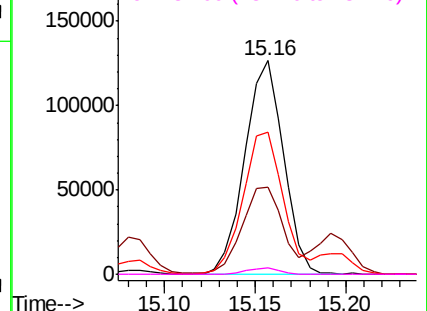
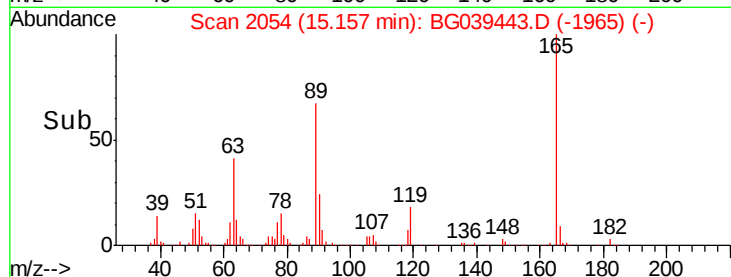


Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.024 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

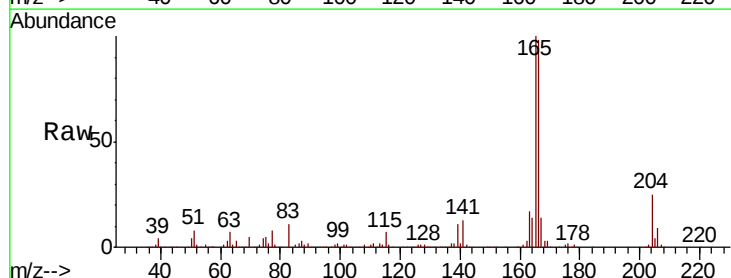
Tgt Ion:166 Resp: 567369

Ion Ratio Lower Upper

166 100

165 101.9 77.9 116.9

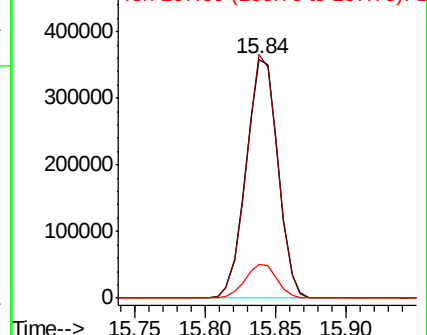
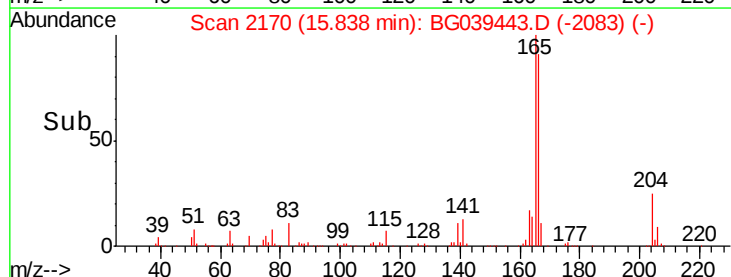
167 13.8 10.8 16.2



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

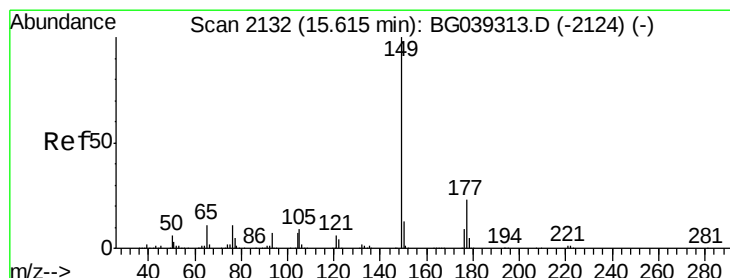
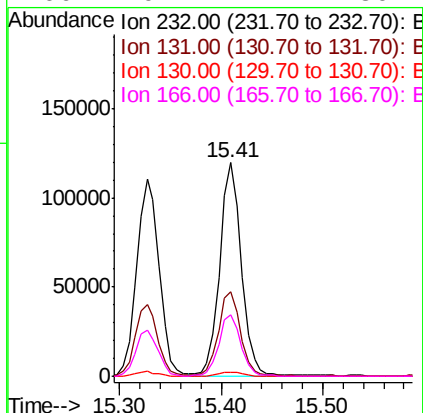
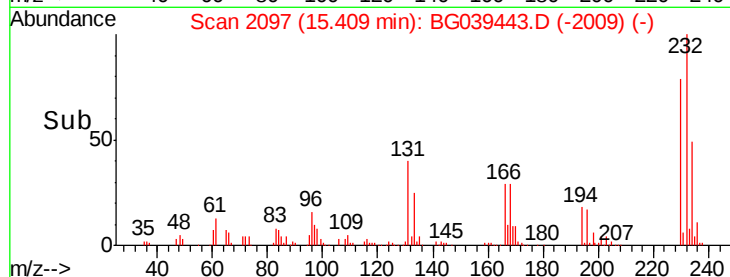
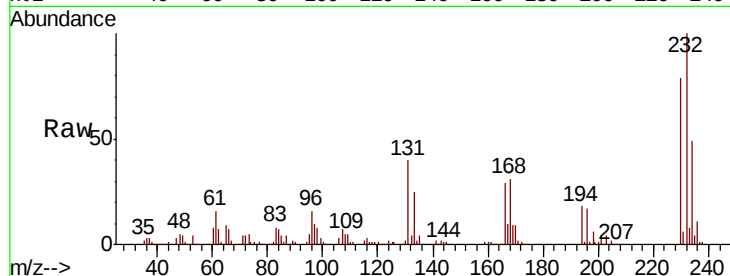




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.226 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

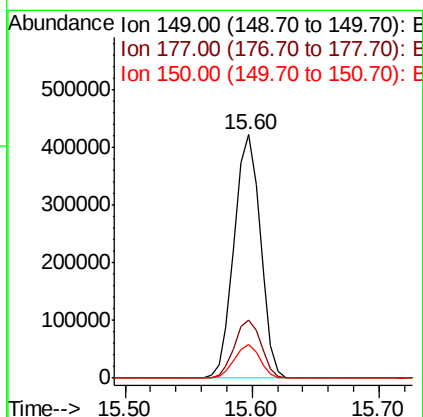
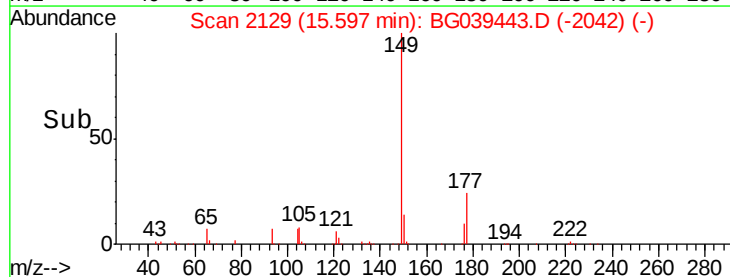
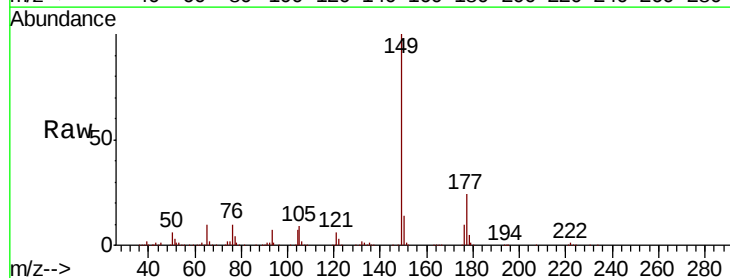
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tgt Ion:	232	Resp:	177131
Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.9	52.3
130	2.2	2.0	3.0
166	29.1	24.1	36.1



#60
 Diethylphthalate
 Concen: 44.842 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion:	149	Resp:	603735
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.3	27.5
150	13.7	10.2	15.2

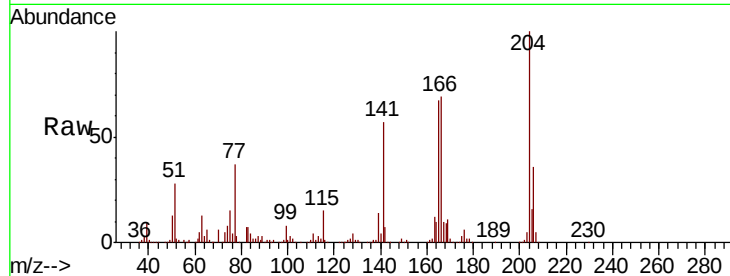




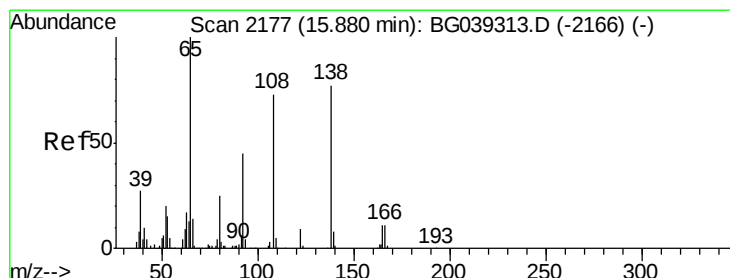
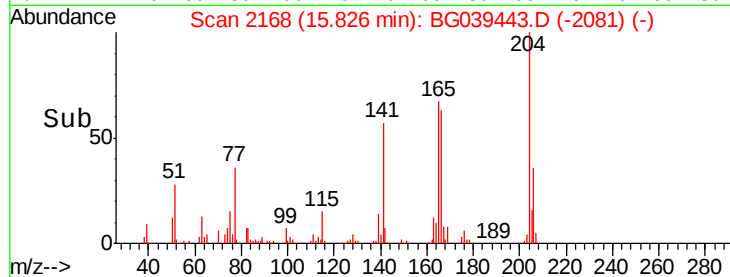
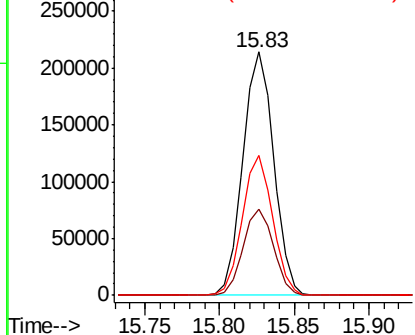
#61
 4-Chlorophenyl-phenylether
 Concen: 45.754 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tgt Ion: 204 Resp: 306077
 Ion Ratio Lower Upper
 204 100
 206 35.6 29.2 43.8
 141 57.2 49.0 73.4

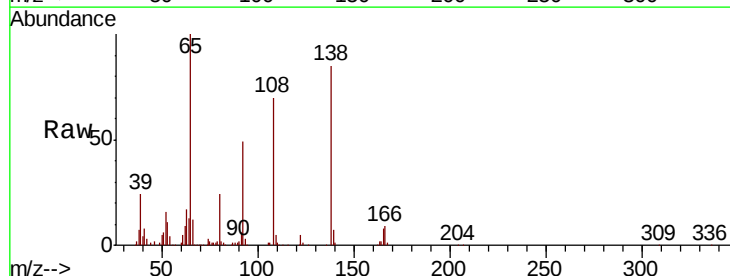


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

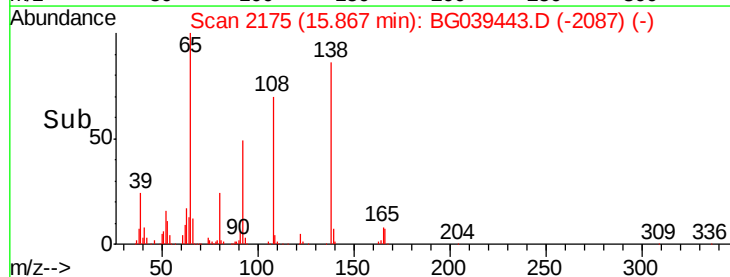
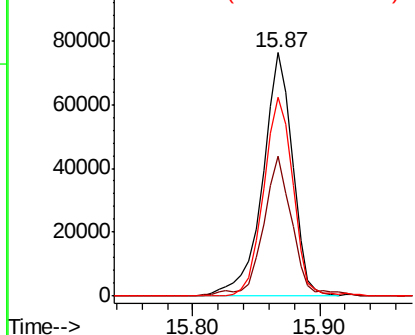


#62
 4-Nitroaniline
 Concen: 45.918 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion: 138 Resp: 124841
 Ion Ratio Lower Upper
 138 100
 92 57.3 38.7 78.7
 108 81.9 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

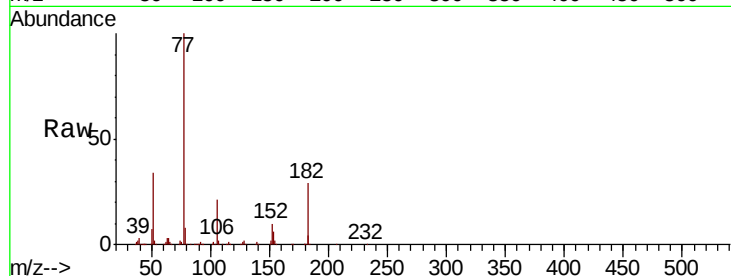




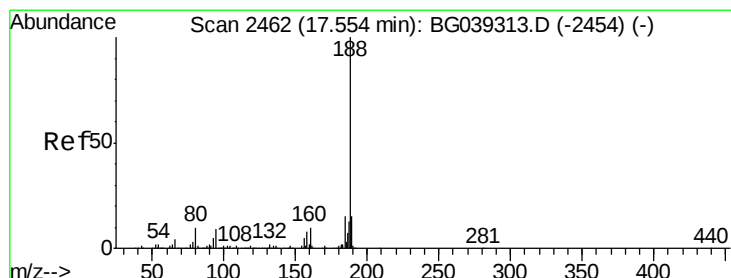
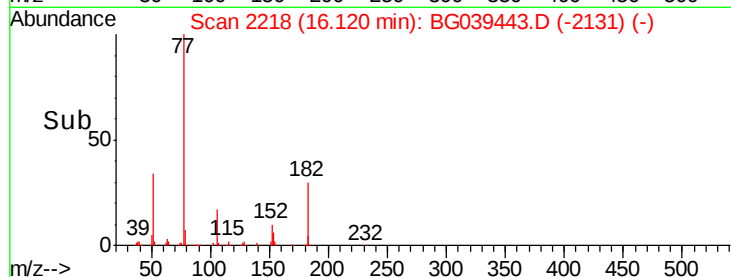
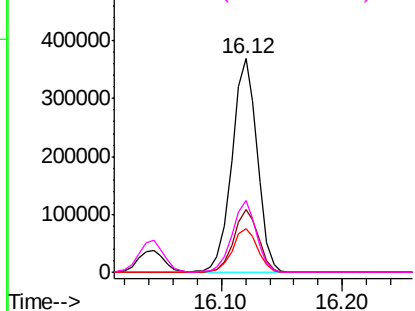
#63
Azobenzene
Concen: 40.676 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tgt Ion:	77	Resp:	535270
Ion	Ratio	Lower	Upper
77	100		
182	29.1	6.4	46.4
105	20.6	0.0	39.8
51	33.9	14.1	54.1

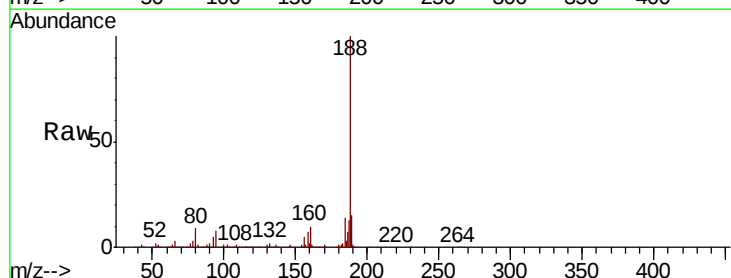


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

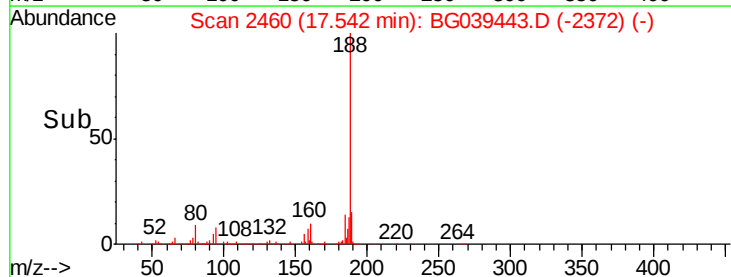
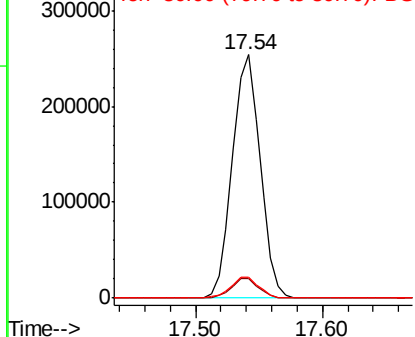


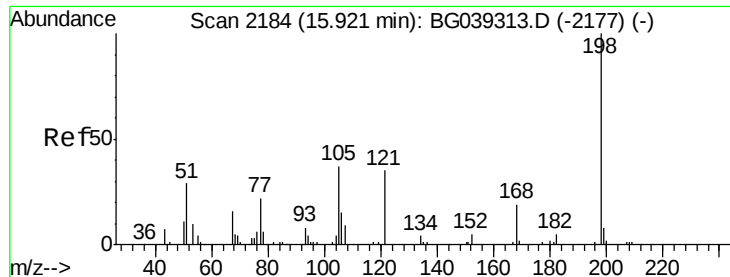
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion:	188	Resp:	384740
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.6	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 60.402 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

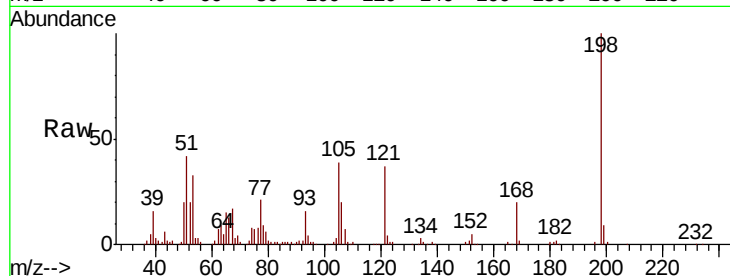
Tgt Ion:198 Resp: 100927

Ion Ratio Lower Upper

198 100

51 41.7 27.4 67.4

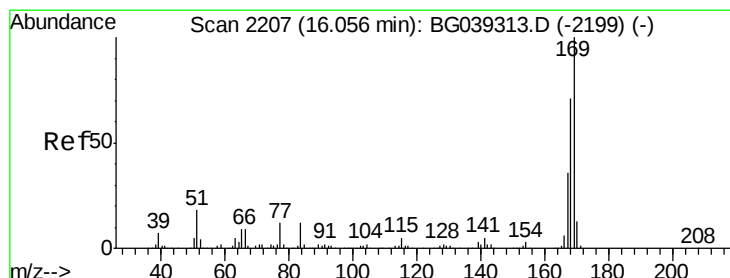
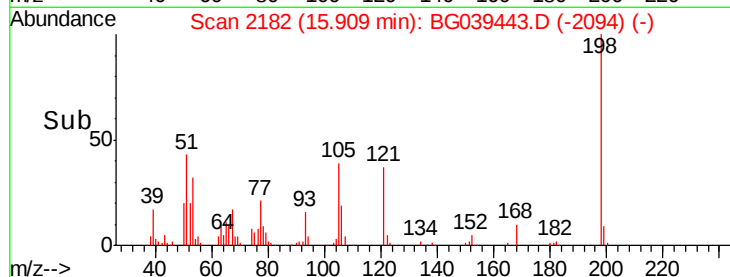
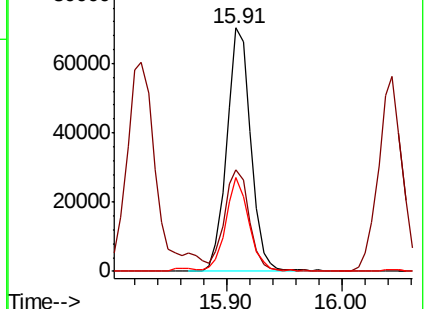
105 38.7 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039443.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.393 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

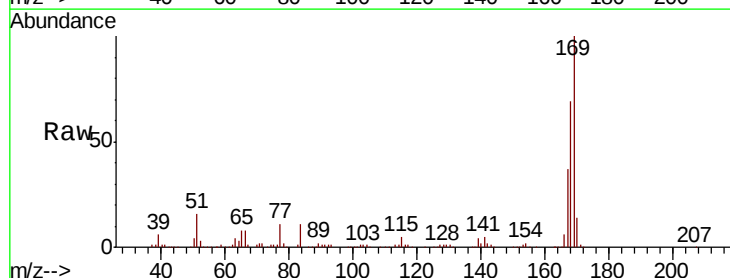
Tgt Ion:169 Resp: 519333

Ion Ratio Lower Upper

169 100

168 69.5 56.6 85.0

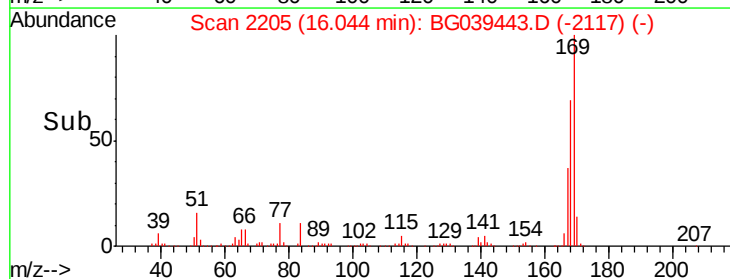
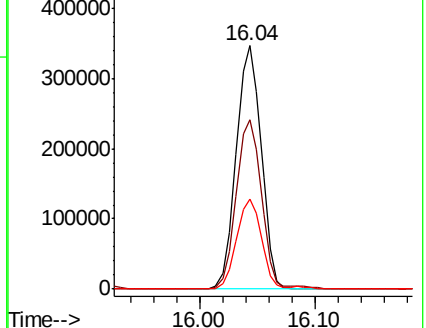
167 36.8 28.8 43.2

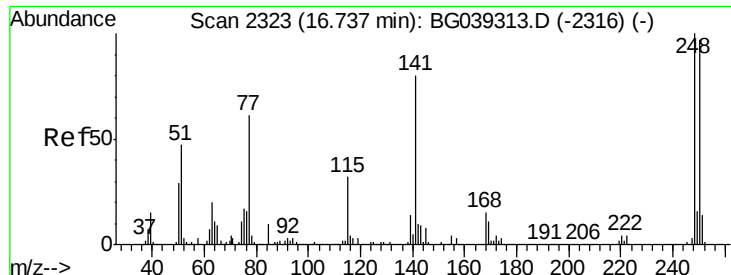


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

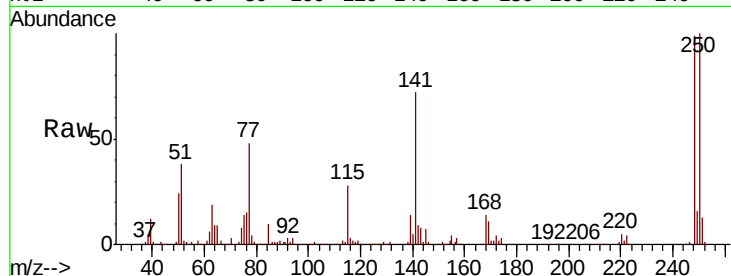




#67
 4-Bromophenyl-phenylether
 Concen: 47.002 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.8	77.6	116.4
141	72.7	63.9	95.9

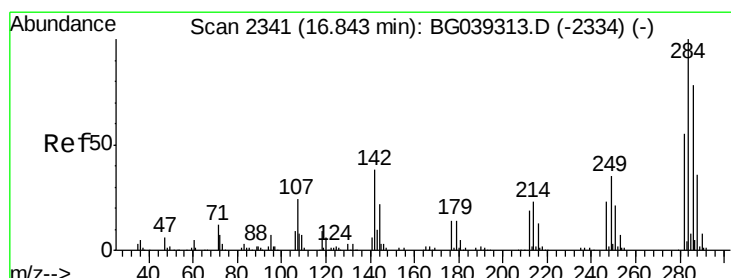
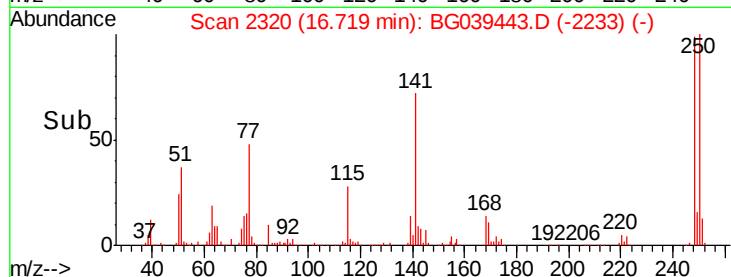
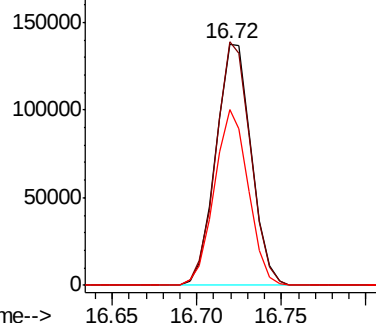


Abundance

Ion 248.00 (247.70 to 248.70): E

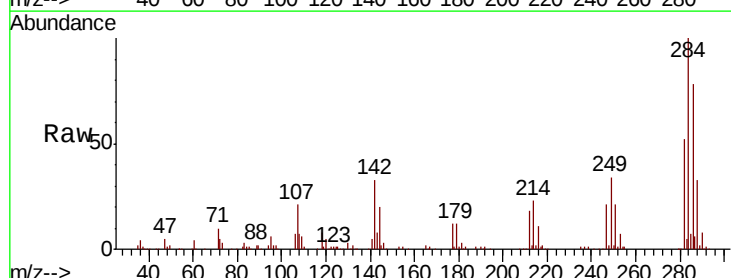
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 48.777 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	30.6	45.8
249	34.3	28.2	42.2

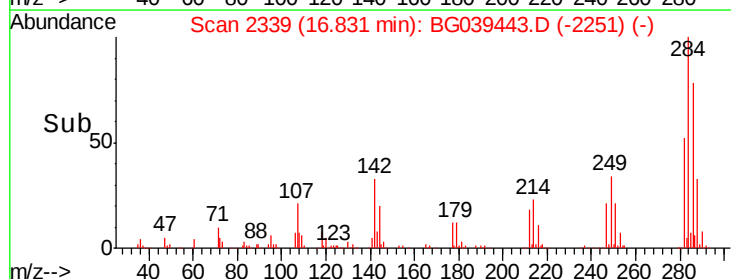
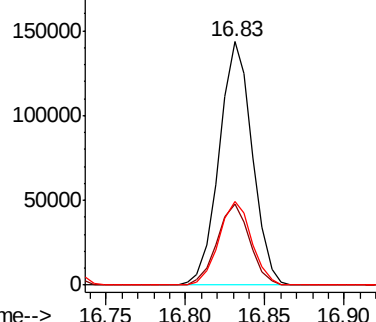


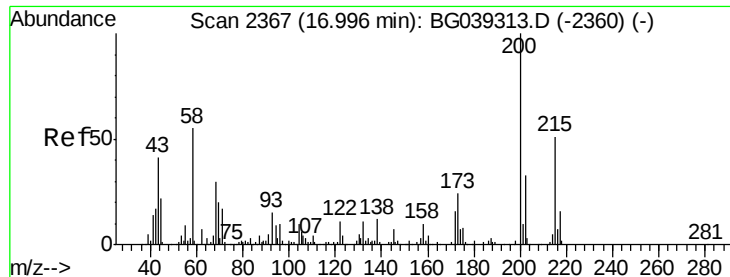
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.895 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

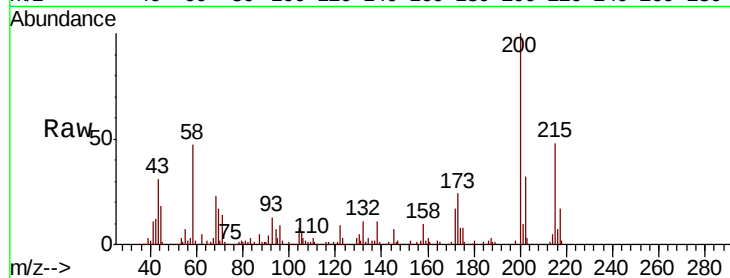
Tgt Ion:200 Resp: 209034

Ion Ratio Lower Upper

200 100

173 24.5 3.9 43.9

215 48.3 30.9 70.9

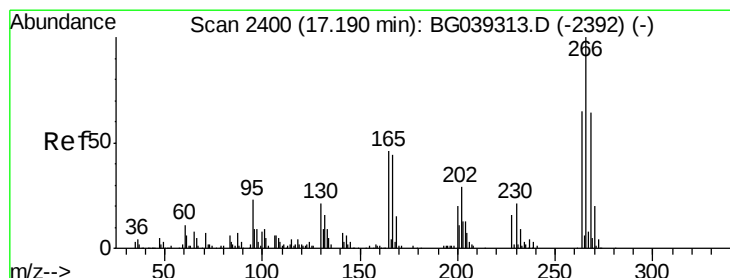
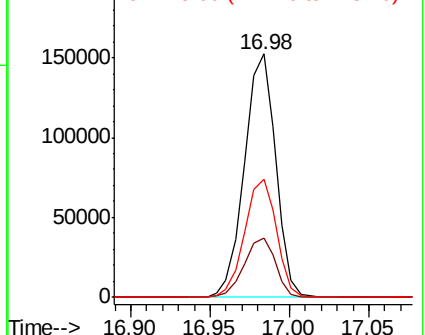
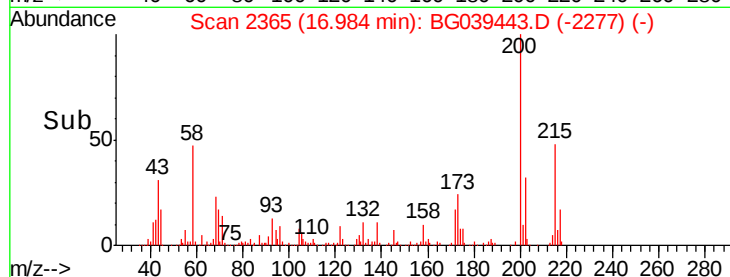


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 89.353 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

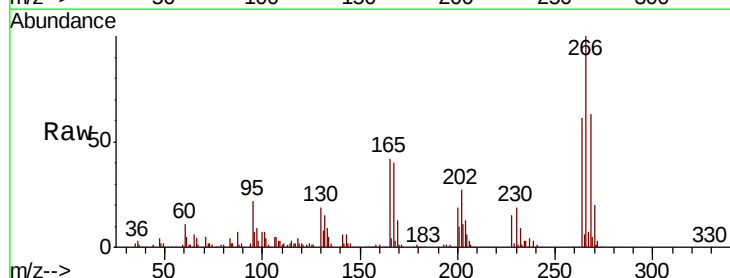
Tgt Ion:266 Resp: 265943

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

264 61.4 52.1 78.1

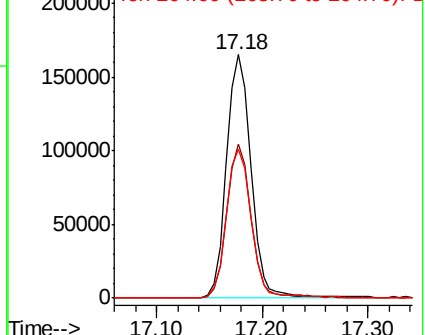
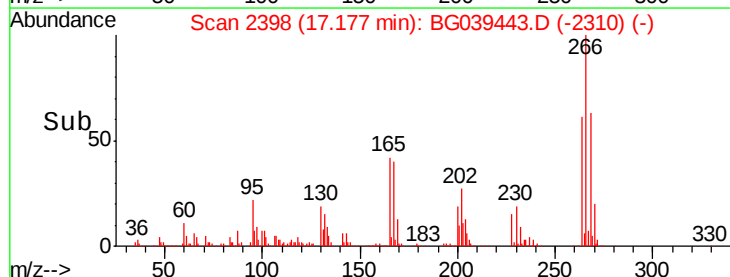


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

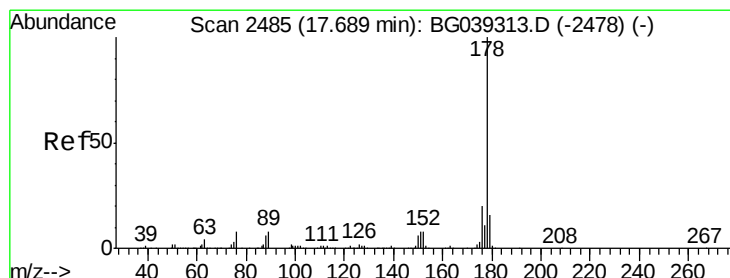
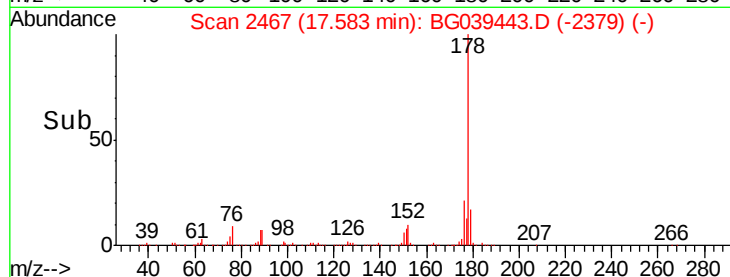
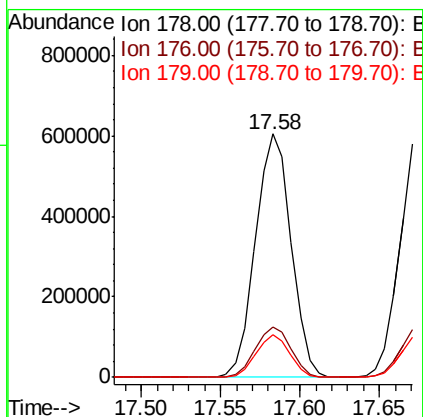
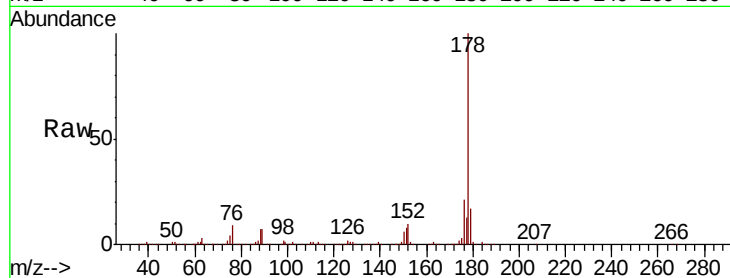




#71
Phenanthrene
Concen: 47.491 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

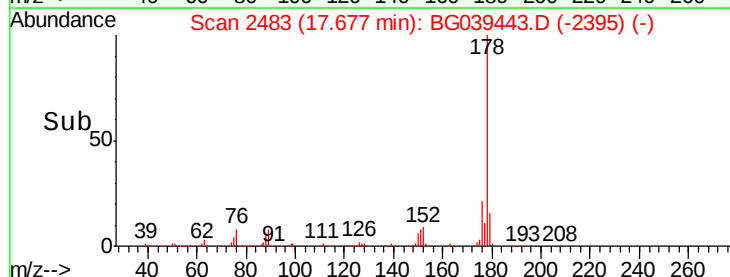
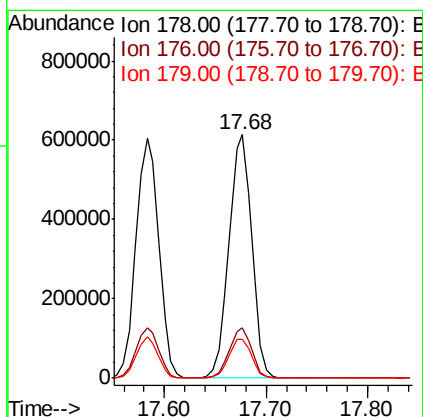
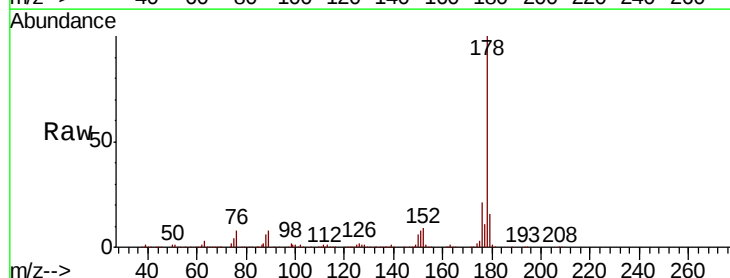
Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tgt Ion:178 Resp: 945692
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 17.3 12.6 19.0



#72
Anthracene
Concen: 48.713 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion:178 Resp: 955476
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 16.1 12.5 18.7

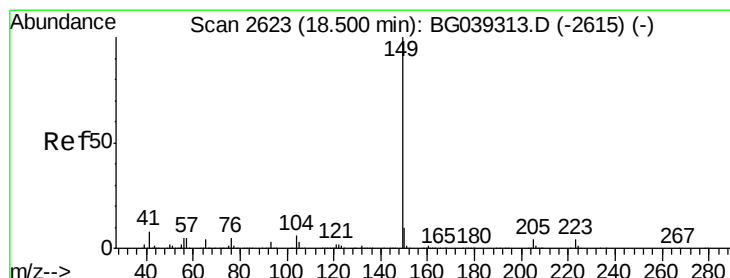
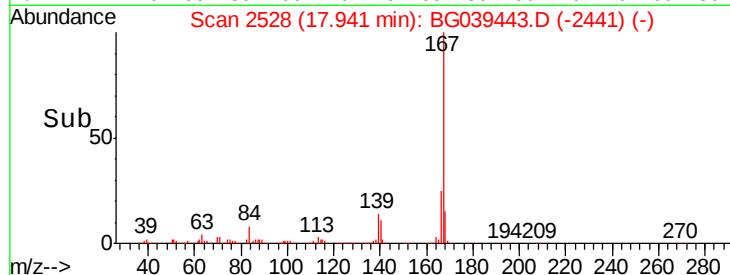
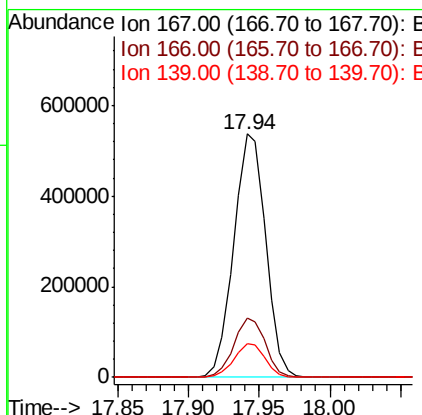
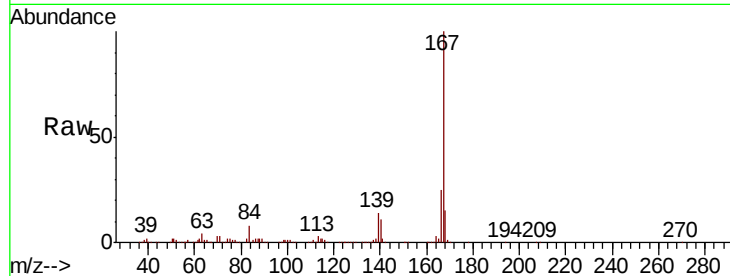




#73
 Carbazole
 Concen: 43.266 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

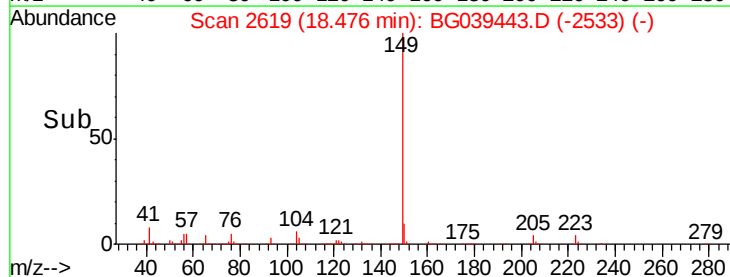
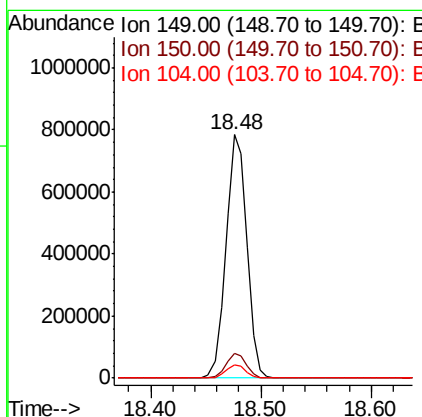
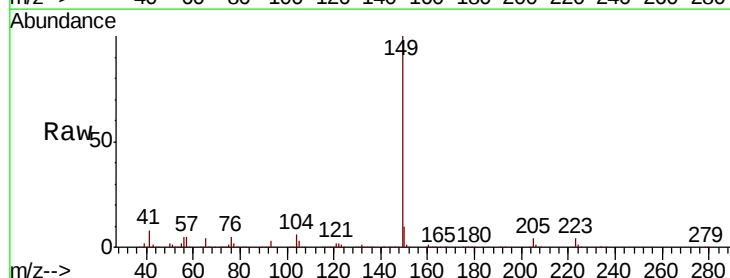
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-AMSD

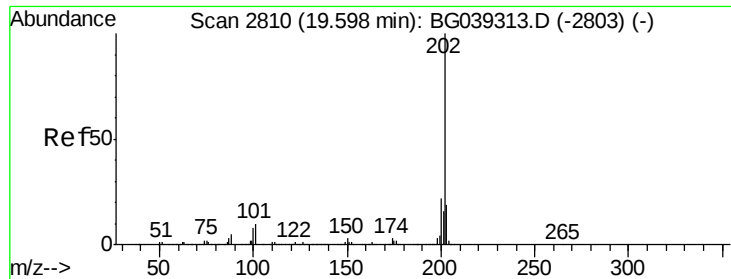
Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.4	29.2
139	13.9	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 45.214 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BG039443.D
 Acq: 11 Feb 2019 20:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 48.973 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

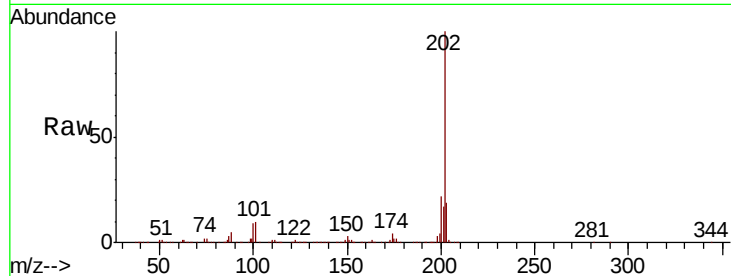
Tgt Ion:202 Resp: 1131899

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.0

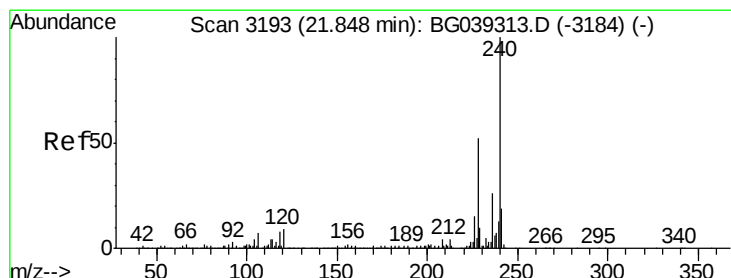
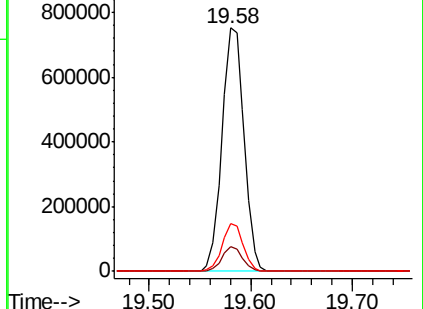
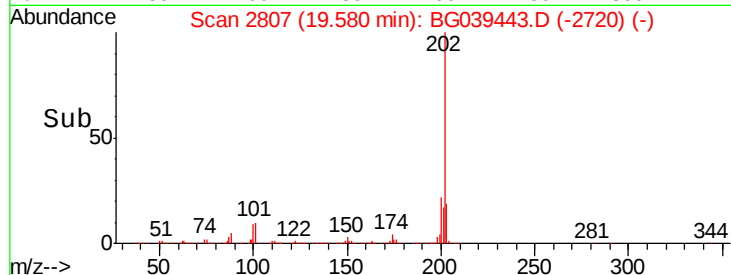
203 19.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

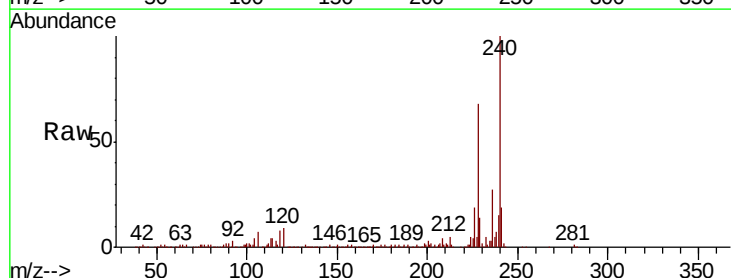
Tgt Ion:240 Resp: 391791

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

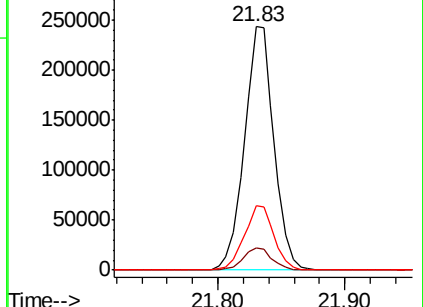
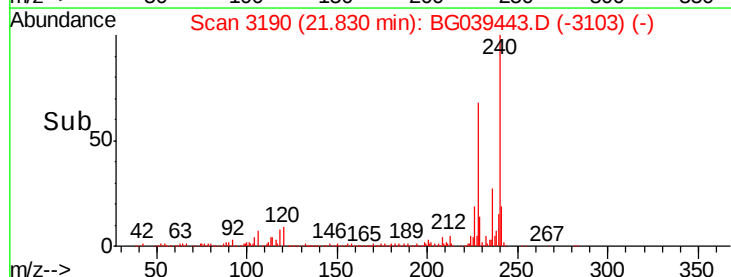
236 26.7 21.0 31.4

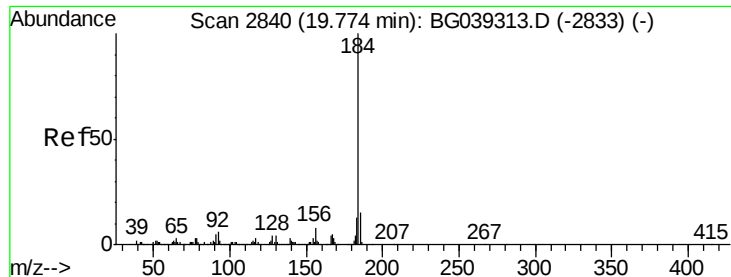


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.934 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

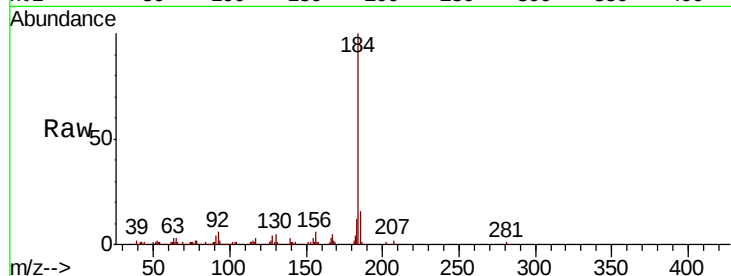
Tgt Ion:184 Resp: 101907

Ion Ratio Lower Upper

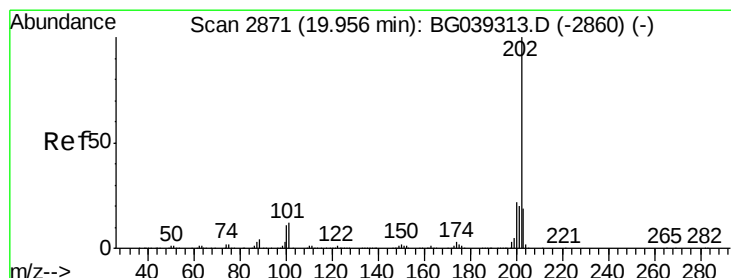
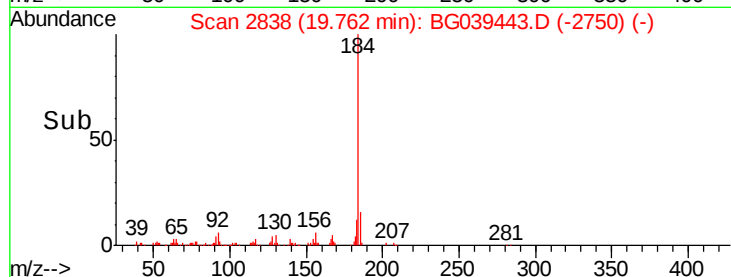
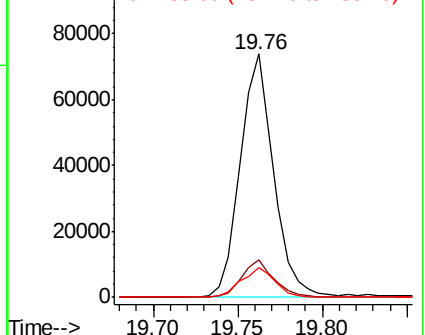
184 100

185 15.5 12.2 18.2

183 12.2 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: 47.065 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

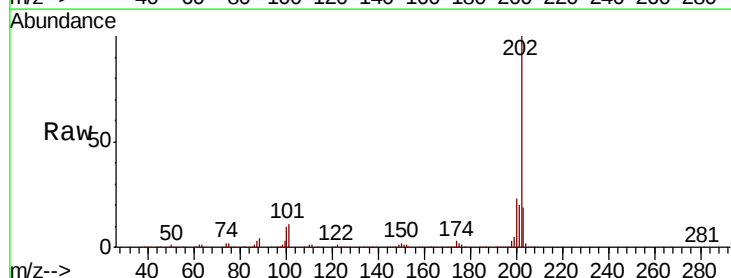
Tgt Ion:202 Resp: 1147909

Ion Ratio Lower Upper

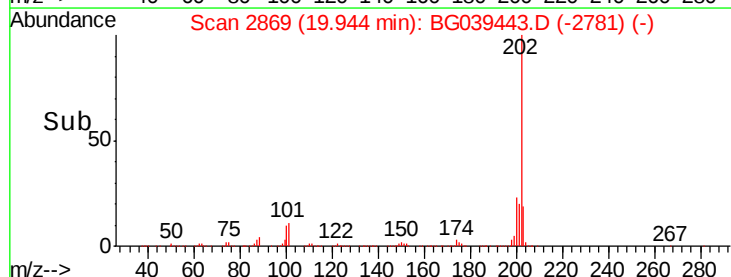
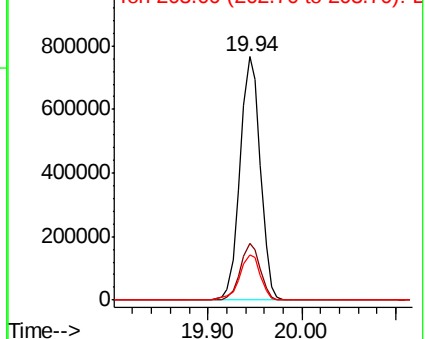
202 100

200 23.1 17.8 26.8

203 18.7 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: 84.470 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

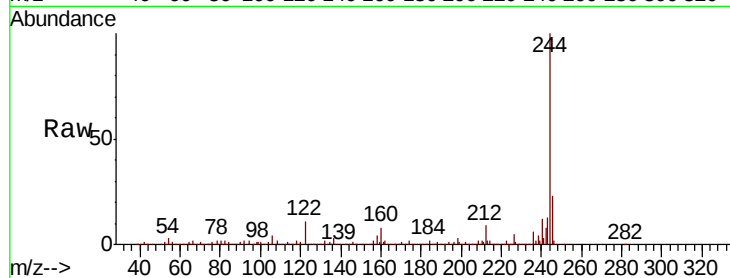
Tgt Ion:244 Resp: 1563503

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

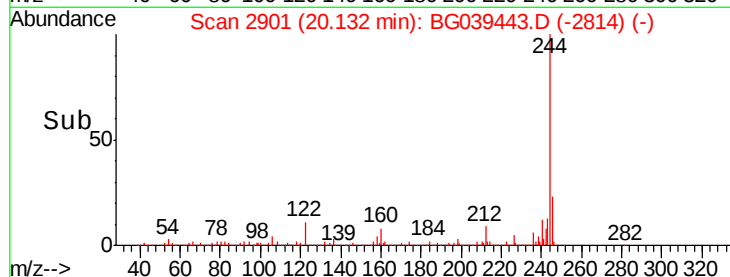
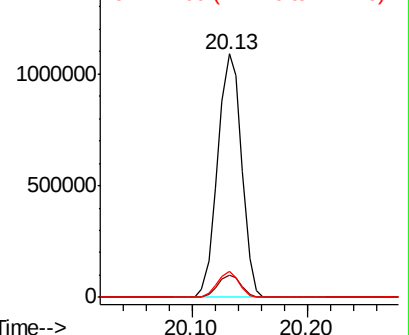
122 10.6 8.4 12.6



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: 47.154 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

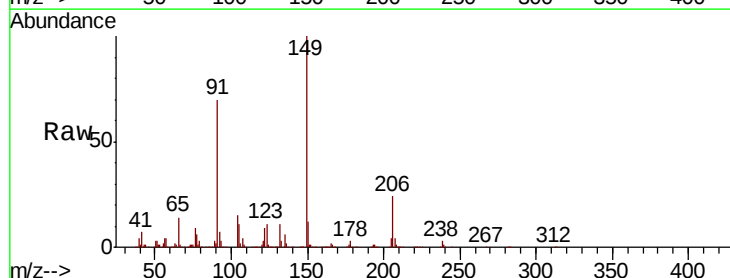
Tgt Ion:149 Resp: 485152

Ion Ratio Lower Upper

149 100

91 69.9 59.5 89.3

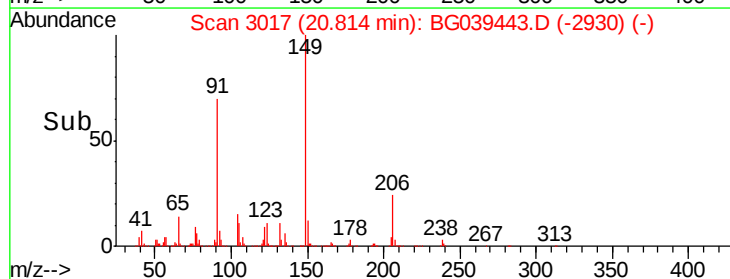
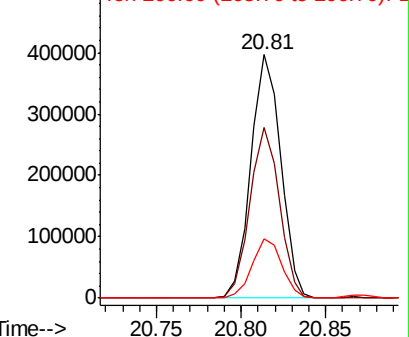
206 24.2 18.6 27.8

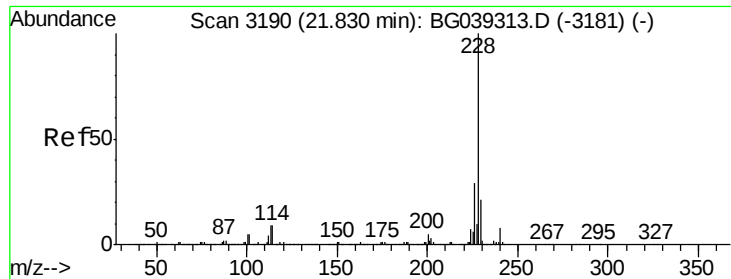


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.721 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

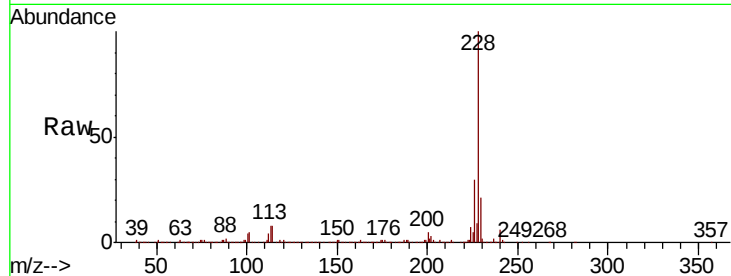
Tgt Ion:228 Resp: 1127914

Ion Ratio Lower Upper

228 100

226 29.7 23.0 34.6

229 21.1 16.9 25.3

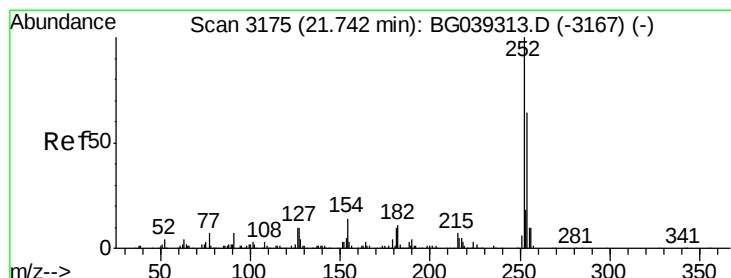
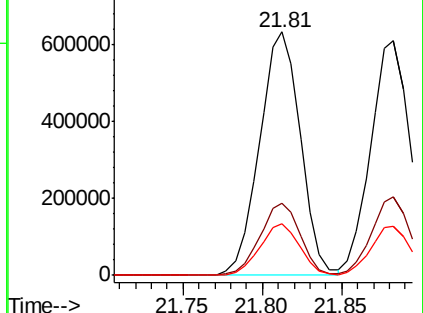
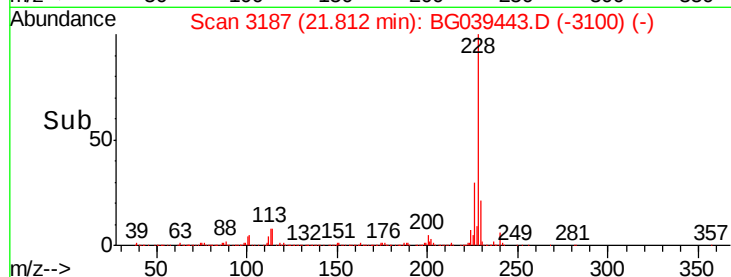


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.706 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

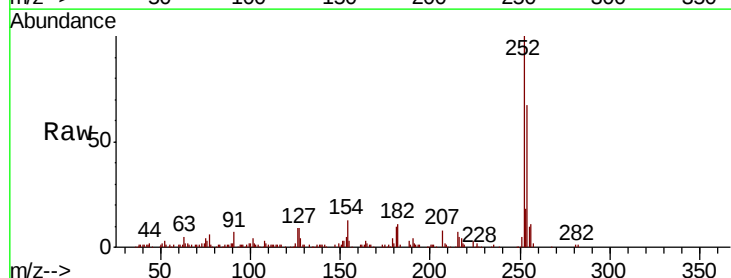
Tgt Ion:252 Resp: 91899

Ion Ratio Lower Upper

252 100

254 66.5 51.3 76.9

126 8.7 8.0 12.0

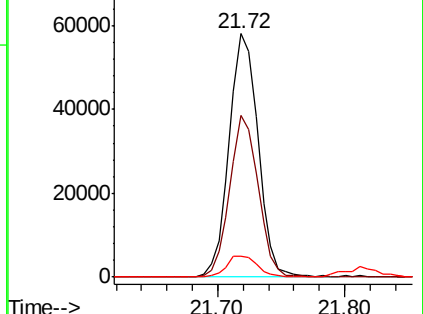
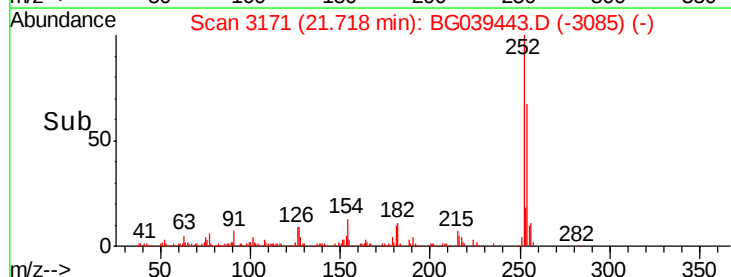


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.768 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

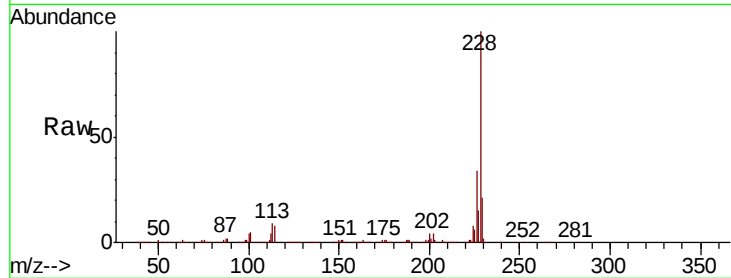
BNA_G

ClientSampleId :

SU-03-020819-AMSD

Tgt Ion:228 Resp: 1052707

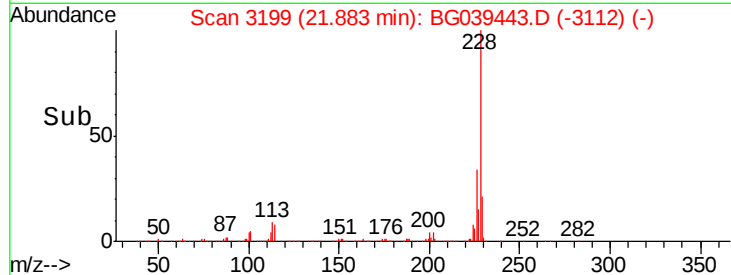
Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.8	38.6
229	21.0	16.6	25.0



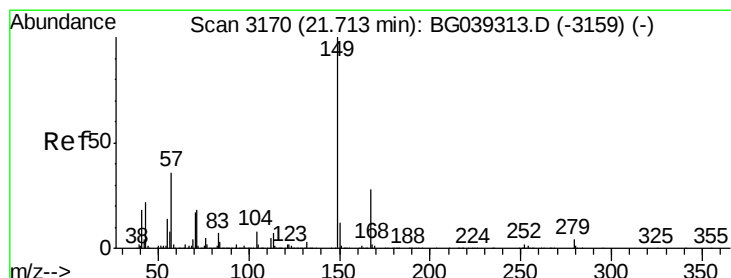
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.80 21.85 21.90 21.95



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.162 ng

RT: 21.68 min Scan# 3165

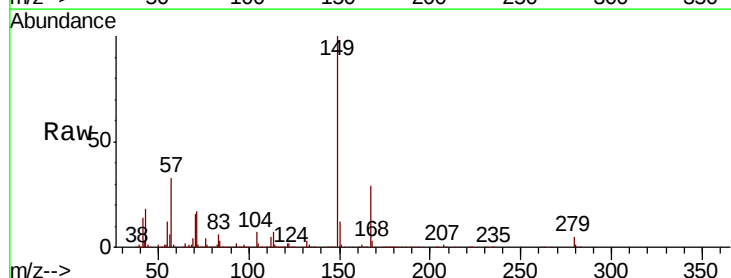
Delta R.T. -0.03 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Tgt Ion:149 Resp: 677569

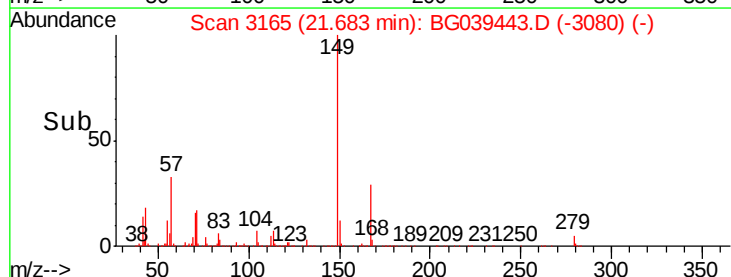
Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	34.0
279	5.0	3.5	5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.60 21.70



#85

Di-n-octyl phthalate

Concen: 47.080 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

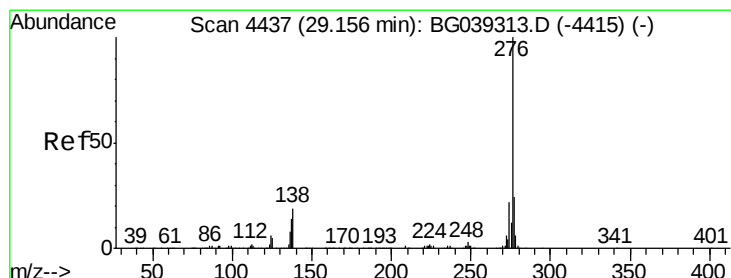
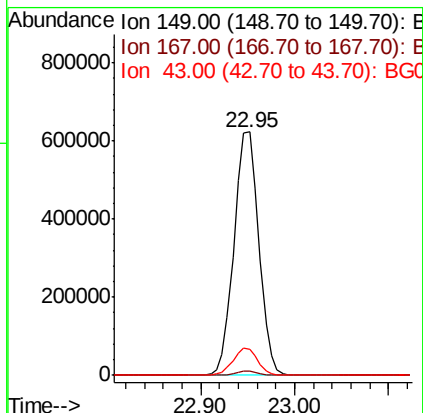
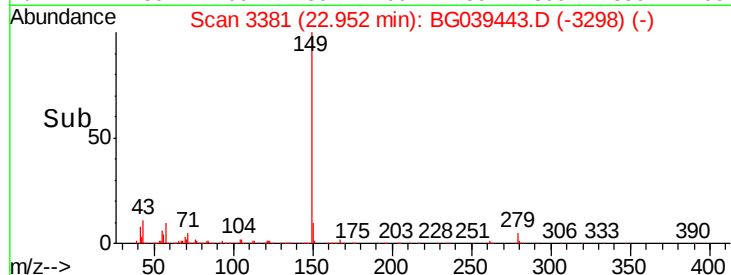
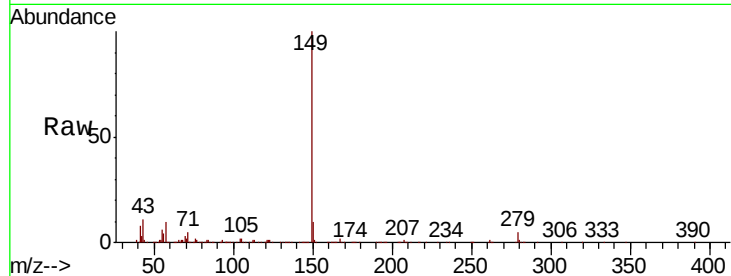
Tgt Ion:149 Resp: 1141680

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.9 10.2 15.4



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.265 ng

RT: 29.11 min Scan# 4429

Delta R.T. -0.05 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

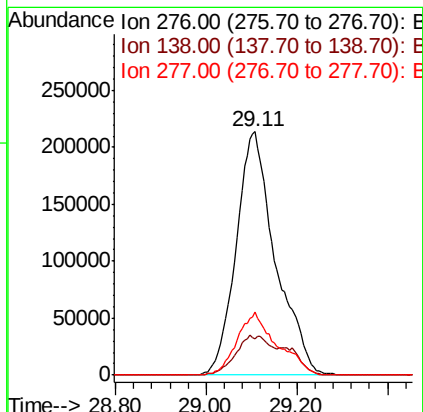
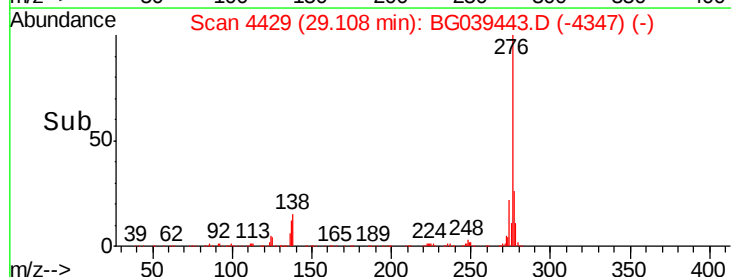
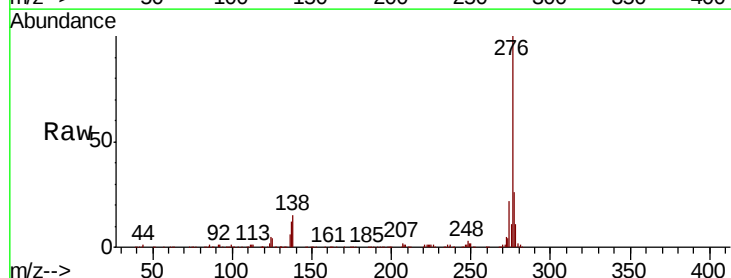
Tgt Ion:276 Resp: 1283099

Ion Ratio Lower Upper

276 100

138 8.5 12.6 19.0#

277 26.3 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

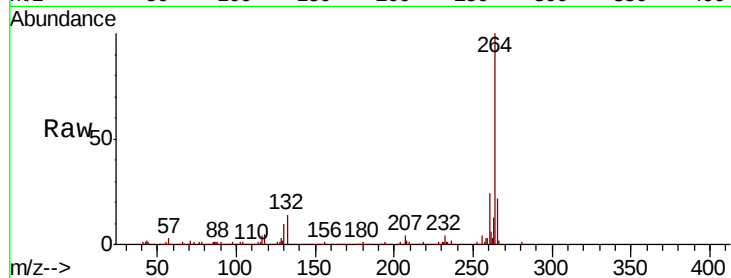
Tgt Ion:264 Resp: 406018

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

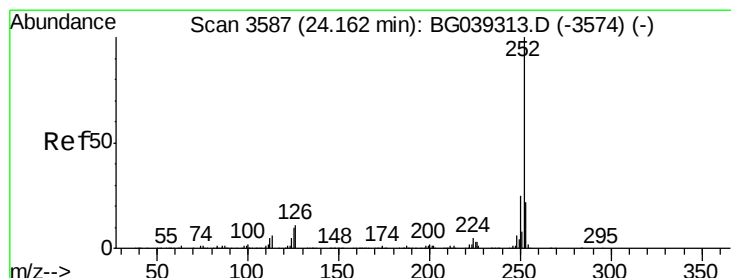
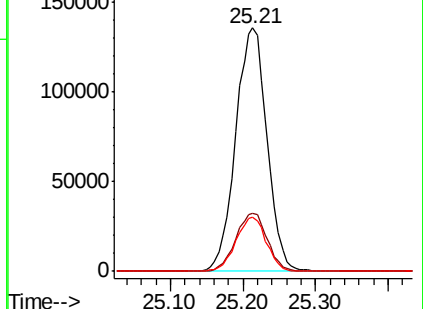
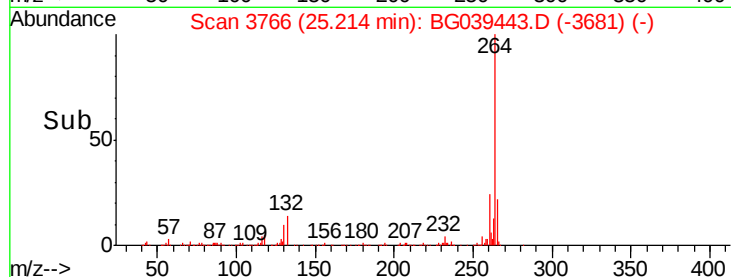
265 22.4 18.5 27.7



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: 50.915 ng

RT: 24.13 min Scan# 3581

Delta R.T. -0.04 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

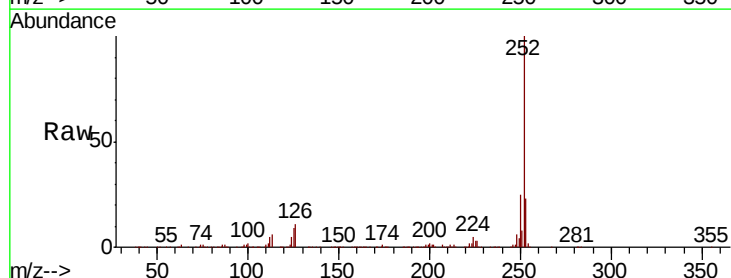
Tgt Ion:252 Resp: 1127382

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

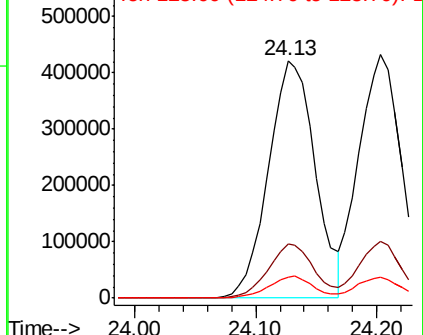
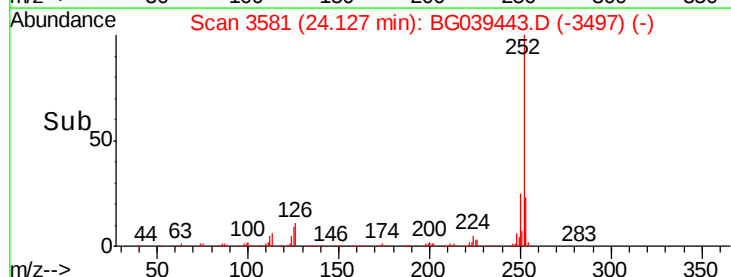
125 8.9 7.8 11.6



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: 47.127 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-AMSD

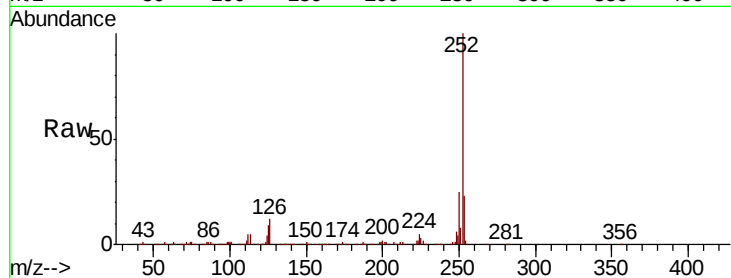
Tgt Ion:252 Resp: 1047647

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

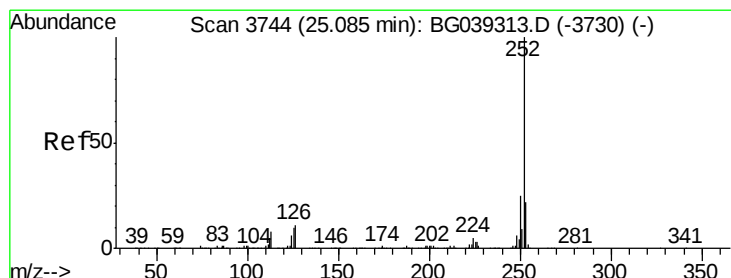
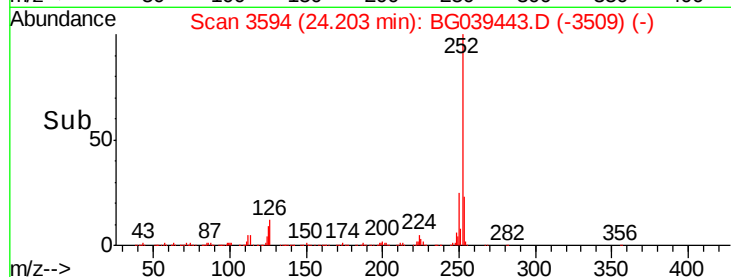
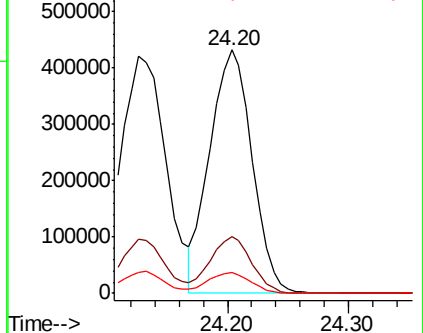
125 8.5 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.624 ng

RT: 25.05 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG039443.D

Acq: 11 Feb 2019 20:49

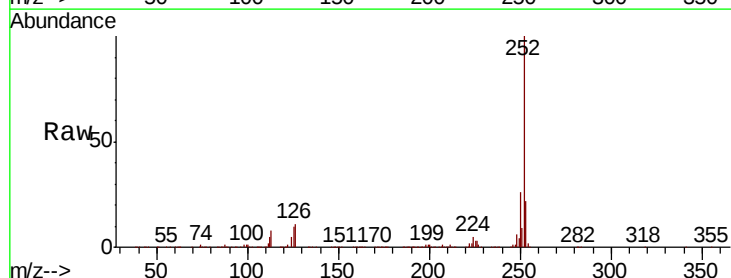
Tgt Ion:252 Resp: 1079538

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

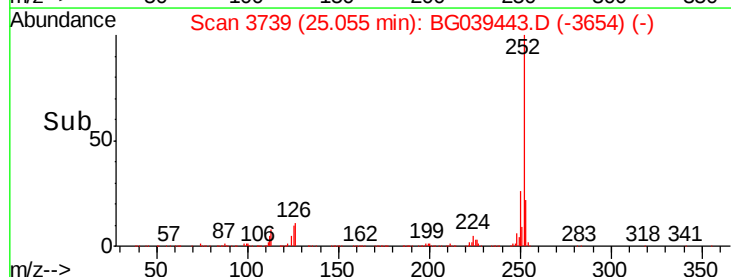
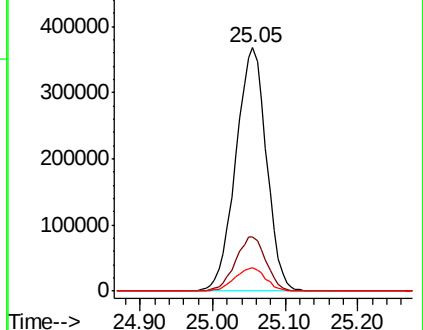
125 9.9 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

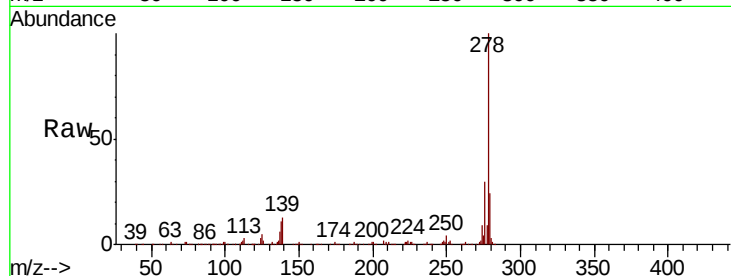




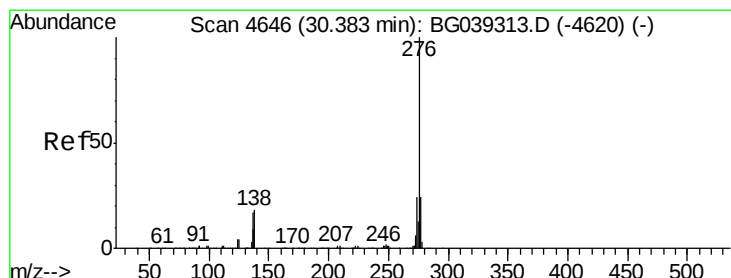
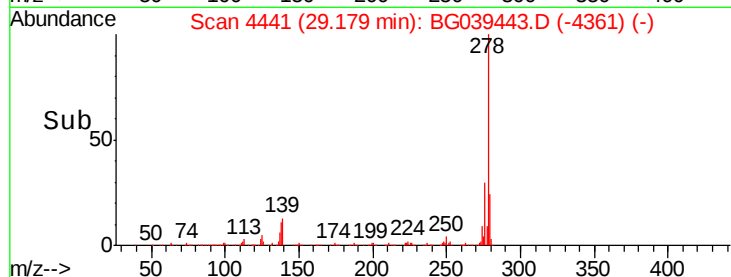
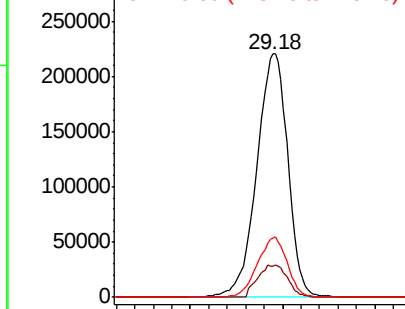
#91
Dibenzo(a,h)anthracene
Concen: 51.653 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.06 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMSD

Tgt Ion:278 Resp: 1031550
Ion Ratio Lower Upper
278 100
139 13.0 11.7 17.5
279 24.5 19.1 28.7

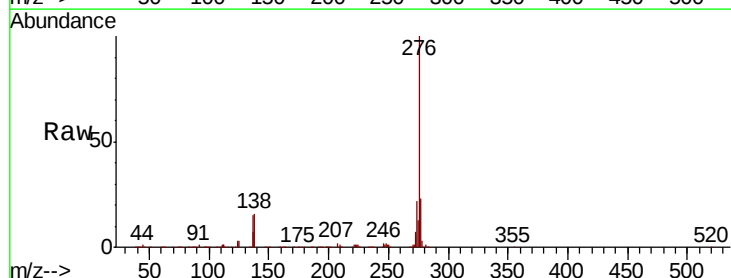


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.189 ng
RT: 30.34 min Scan# 4639
Delta R.T. -0.04 min
Lab File: BG039443.D
Acq: 11 Feb 2019 20:49

Tgt Ion:276 Resp: 1058744
Ion Ratio Lower Upper
276 100
277 22.6 19.6 29.4
138 16.3 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

