

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021519\
 Data File : BG039527.D
 Acq On : 15 Feb 2019 18:46
 Operator : JU/SJ
 Sample : K1346-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Quant Time: Feb 16 03:17:33 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	51048	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	232542	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	162541	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	378328	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	393883	20.00	ng	-0.02
87) Perylene-d12	25.22	264	405389	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	419313	140.58	ng	0.00
7) Phenol-d6	7.32	99	583758	132.96	ng	0.00
23) Nitrobenzene-d5	9.35	82	396030	106.39	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	262327	149.88	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	944609	83.37	ng	-0.02
79) Terphenyl-d14	20.13	244	1483843	79.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	49180	37.695	ng	# 42
3) Pyridine	4.02	79	95182	27.555	ng	96
4) n-Nitrosodimethylamine	3.93	42	74639	43.206	ng	90
6) Aniline	7.50	93	71491	13.000	ng	99
8) 2-Chlorophenol	7.73	128	166433	51.048	ng	94
9) Benzaldehyde	7.31	77	110817	57.039	ng	96
10) Phenol	7.35	94	203938	44.561	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	157489	43.549	ng	99
12) 1,3-Dichlorobenzene	8.06	146	169152	42.828	ng	97
13) 1,4-Dichlorobenzene	8.21	146	174198	44.250	ng	97
14) 1,2-Dichlorobenzene	8.53	146	164988	43.293	ng	99
15) Benzyl Alcohol	8.41	79	165813	48.106	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	308634	37.792	ng	98
17) 2-Methylphenol	8.61	107	147970	49.962	ng	98
18) Hexachloroethane	9.26	117	58966	43.538	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	134465	43.152	ng	96
20) 3+4-Methylphenols	8.94	107	205232	50.322	ng	96
22) Acetophenone	9.00	105	256411	41.049	ng	# 96
24) Nitrobenzene	9.39	77	200590	49.881	ng	97
25) Isophorone	9.91	82	387061	46.924	ng	98
26) 2-Nitrophenol	10.11	139	100214	59.139	ng	95
27) 2,4-Dimethylphenol	10.15	122	178673	53.546	ng	91
28) bis(2-Chloroethoxy)methane	10.39	93	235321	46.316	ng	100
29) 2,4-Dichlorophenol	10.63	162	194588	53.357	ng	92
30) 1,2,4-Trichlorobenzene	10.85	180	183500	44.817	ng	99
31) Naphthalene	11.05	128	535382	46.409	ng	99
32) Benzoic acid	10.27	122	113599	51.240	ng	99
33) 4-Chloroaniline	11.16	127	15715	2.938	ng	97
34) Hexachlorobutadiene	11.31	225	113444	41.663	ng	96
35) Caprolactam	11.94	113	45094	29.881	ng	91
36) 4-Chloro-3-methylphenol	12.26	107	208268	49.380	ng	95
37) 2-Methylnaphthalene	12.64	142	409142	47.884	ng	100
38) 1-Methylnaphthalene	12.85	142	394483	47.895	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	221910	42.910	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	259751	92.173	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	160035	50.329	ng	96
44) 2,4,5-Trichlorophenol	13.31	196	177416	53.236	ng	98
46) 1,1'-Biphenyl	13.64	154	554649	41.013	ng	99
47) 2-Chloronaphthalene	13.68	162	431233	42.387	ng	97
48) 2-Nitroaniline	13.89	65	150710	50.952	ng	93
49) Acenaphthylene	14.52	152	702681	45.773	ng	99
50) Dimethylphthalate	14.25	163	567683	43.244	ng	99
51) 2,6-Dinitrotoluene	14.38	165	129515	52.134	ng	96
52) Acenaphthene	14.86	154	427384	42.889	ng	98
53) 3-Nitroaniline	14.70	138	34909	17.388	ng	# 93
54) 2,4-Dinitrophenol	14.91	184	112132	94.761	ng	97
55) Dibenzofuran	15.19	168	686245	42.952	ng	99
56) 4-Nitrophenol	15.00	139	195250	82.097	ng	89
57) 2,4-Dinitrotoluene	15.16	165	181520	56.168	ng	88
58) Fluorene	15.84	166	547867	46.000	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	165321	52.981	ng	98
60) Diethylphthalate	15.60	149	570531	42.035	ng	96
61) 4-Chlorophenyl-phenylether	15.83	204	292124	43.317	ng	98
62) 4-Nitroaniline	15.87	138	133675	48.511	ng	89
63) Azobenzene	16.12	77	523930	39.494	ng	97
65) 4,6-Dinitro-2-methylphenol	15.92	198	90312	56.561	ng	98
66) n-Nitrosodiphenylamine	16.04	169	496853	43.191	ng	99
67) 4-Bromophenyl-phenylether	16.73	248	186551	44.447	ng	94
68) Hexachlorobenzene	16.83	284	191380	45.448	ng	99
69) Atrazine	16.98	200	178459	42.451	ng	97
70) Pentachlorophenol	17.18	266	244226	83.447	ng	97
71) Phenanthrene	17.58	178	898979	45.910	ng	99
72) Anthracene	17.68	178	913108	47.342	ng	98
73) Carbazole	17.95	167	813734	42.275	ng	99
74) Di-n-butylphthalate	18.48	149	979160	43.603	ng	100
75) Fluoranthene	19.58	202	1078523	47.454	ng	99
77) Benzidine	19.77	184	168404	13.041	ng	97
78) Pyrene	19.94	202	1087255	44.341	ng	99
80) Butylbenzylphthalate	20.81	149	472518	45.682	ng	94
81) Benzo(a)anthracene	21.81	228	1079601	46.386	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	205414	23.802	ng	99
83) Chrysene	21.88	228	1006699	45.438	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	651605	44.157	ng	99
85) Di-n-octyl phthalate	22.95	149	1119643	45.926	ng	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1196108	50.318	ng	# 96
88) Benzo(b)fluoranthene	24.13	252	1054122	47.680	ng	98
89) Benzo(k)fluoranthene	24.20	252	1039373	46.827	ng	99
90) Benzo(a)pyrene	25.06	252	1044158	49.040	ng	99
91) Dibenzo(a,h)anthracene	29.19	278	969036	48.598	ng	99
92) Benzo(g,h,i)perylene	30.34	276	971365	48.875	ng	99

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

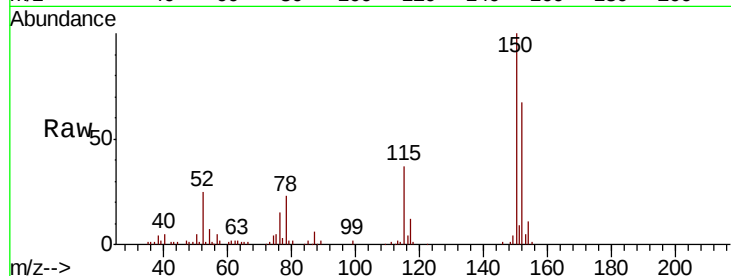


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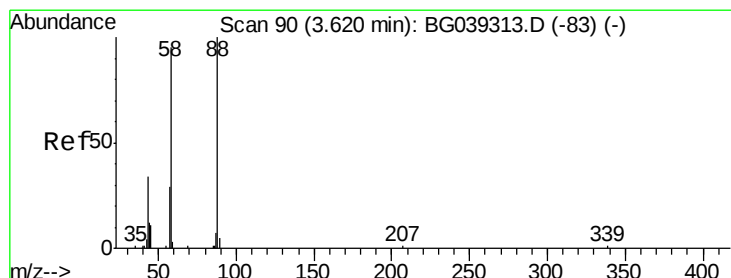
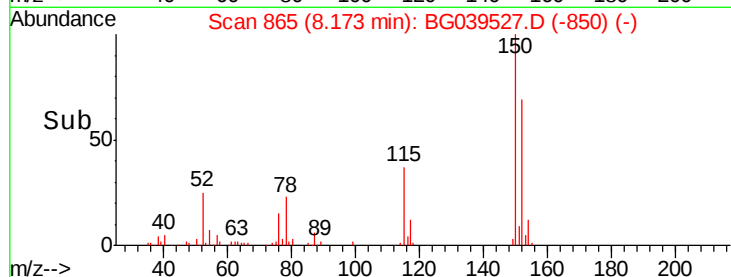
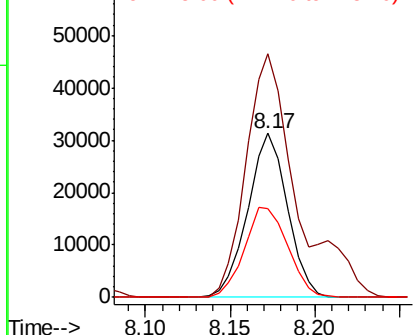
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tgt Ion:152 Resp: 51048
Ion Ratio Lower Upper
152 100
150 148.5 123.7 185.5
115 54.4 45.9 68.9



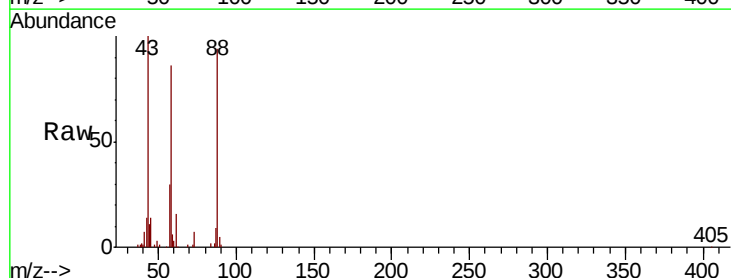
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



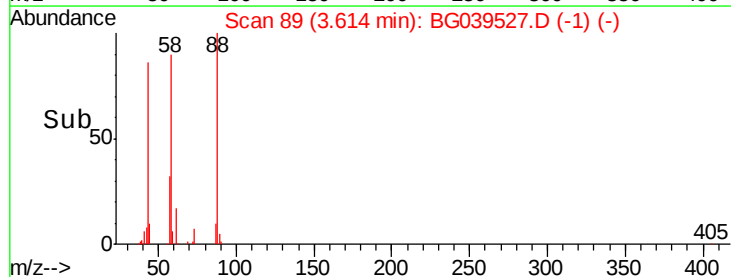
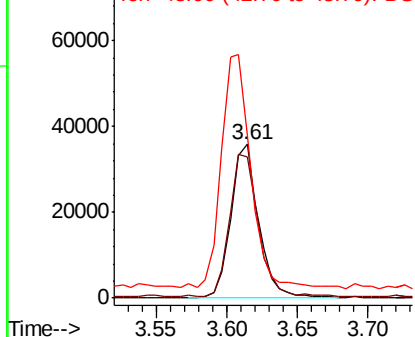
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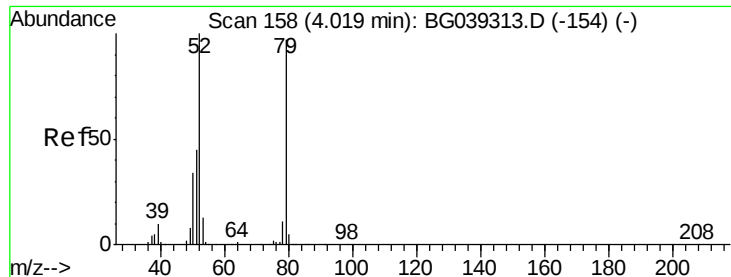
1,4-Dioxane
Concen: 37.695 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion: 88 Resp: 49180
Ion Ratio Lower Upper
88 100
58 98.0 81.1 121.7
43 161.2 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.555 ng

RT: 4.02 min Scan# 158

Delta R.T. 0.00 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

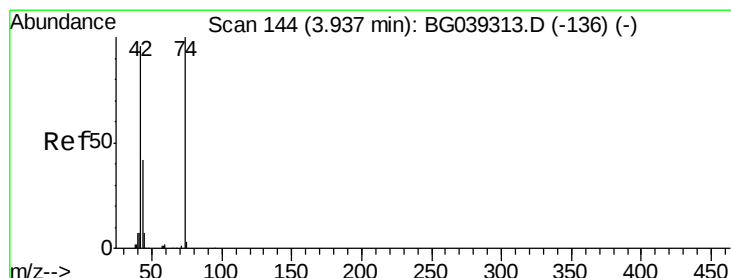
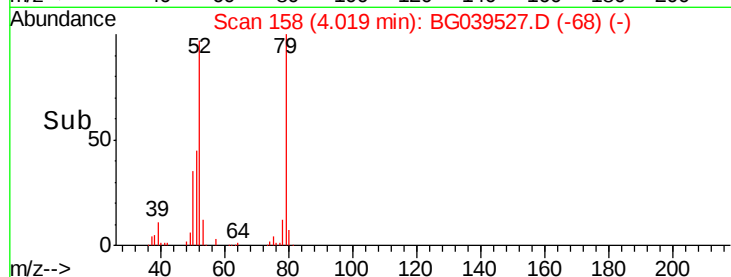
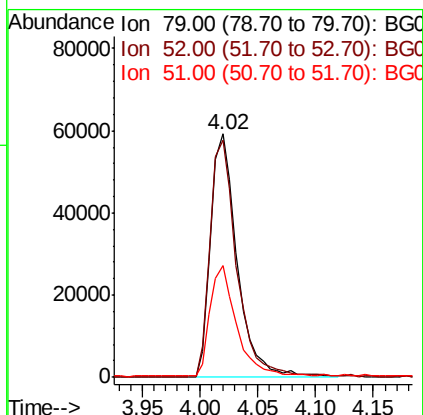
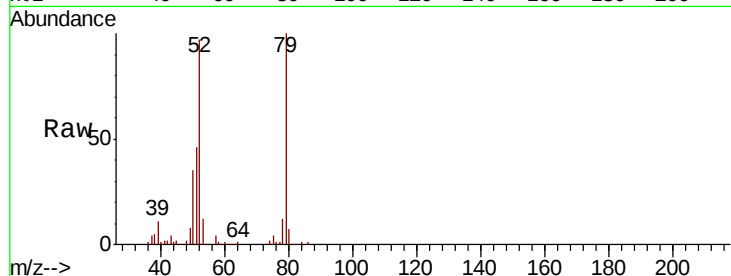
Tgt Ion: 79 Resp: 95182

Ion Ratio Lower Upper

79 100

52 97.3 82.6 124.0

51 46.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 43.206 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

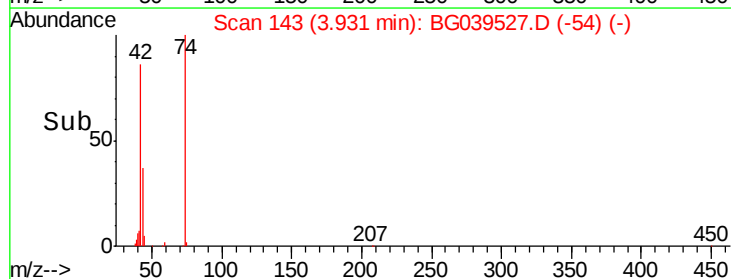
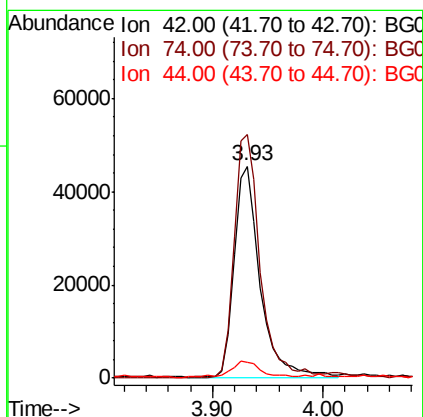
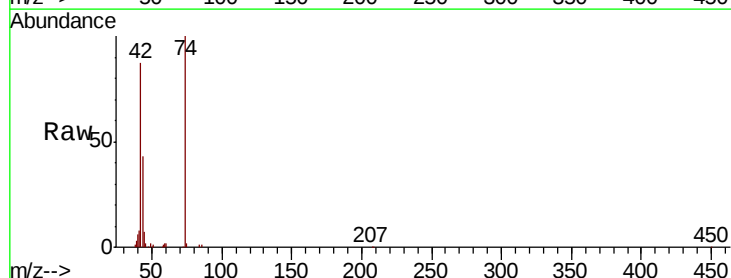
Tgt Ion: 42 Resp: 74639

Ion Ratio Lower Upper

42 100

74 114.9 83.6 125.4

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 140.585 ng

RT: 5.72 min Scan# 447

Delta R.T. 0.00 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

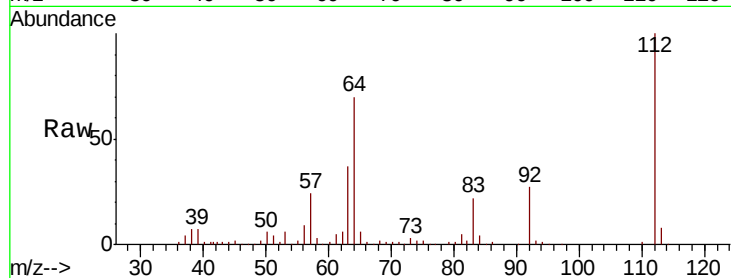
Tgt Ion: 112 Resp: 419313

Ion Ratio Lower Upper

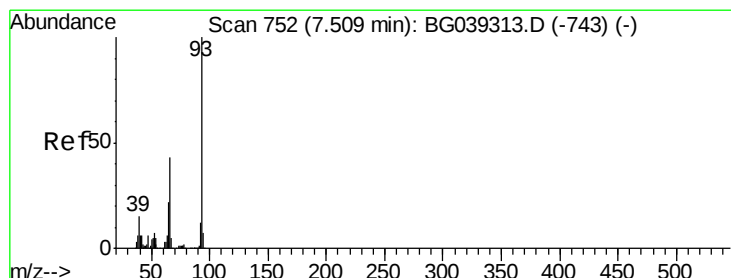
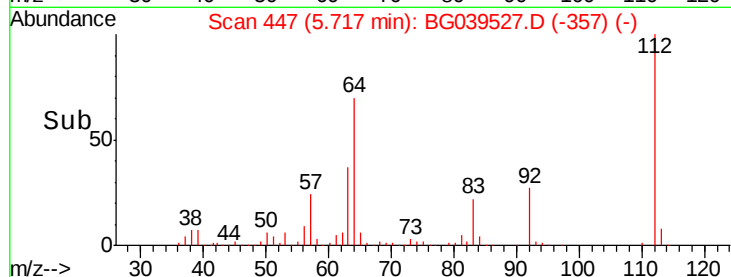
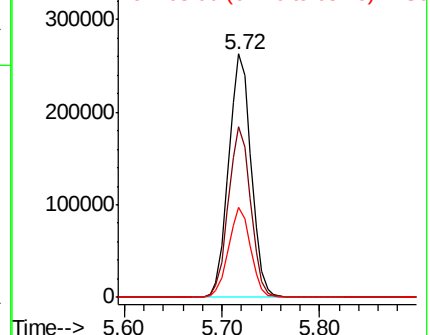
112 100

64 70.2 57.8 86.8

63 37.0 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: 13.000 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

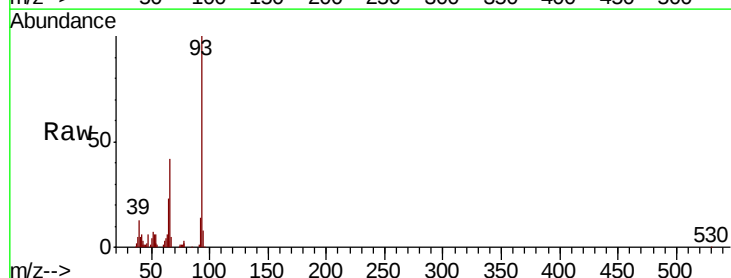
Tgt Ion: 93 Resp: 71491

Ion Ratio Lower Upper

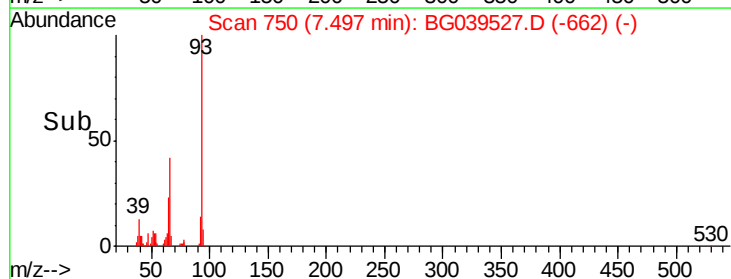
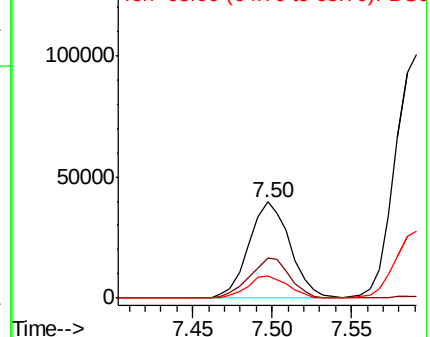
93 100

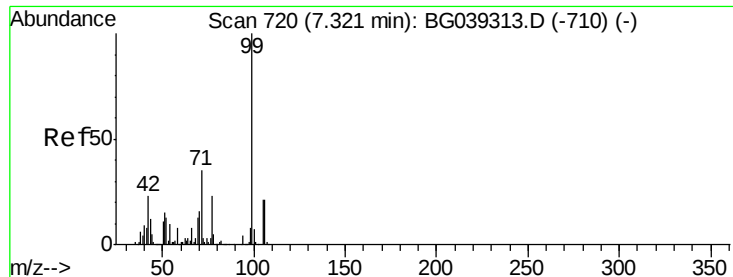
66 42.3 34.2 51.4

65 22.9 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: 132.964 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG039527.D

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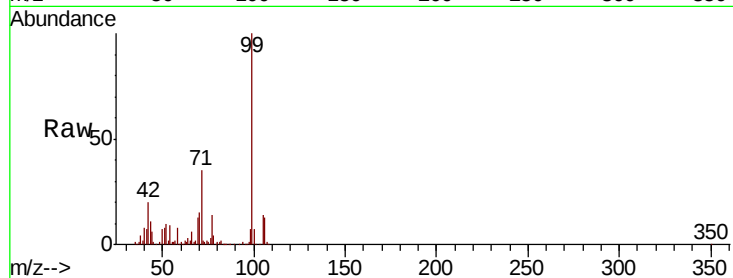
Tgt Ion: 99 Resp: 583758

Ion Ratio Lower Upper

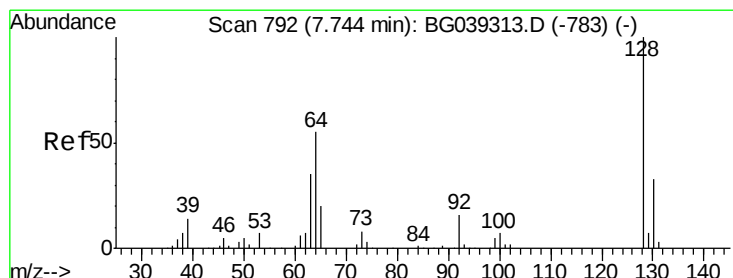
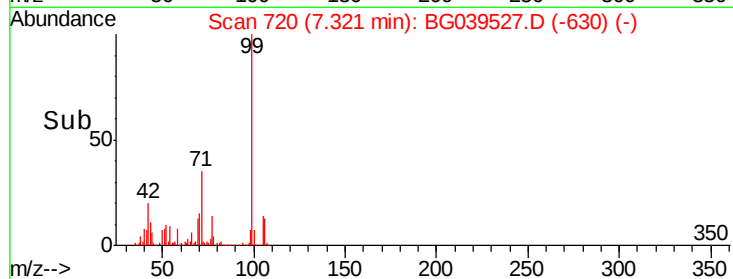
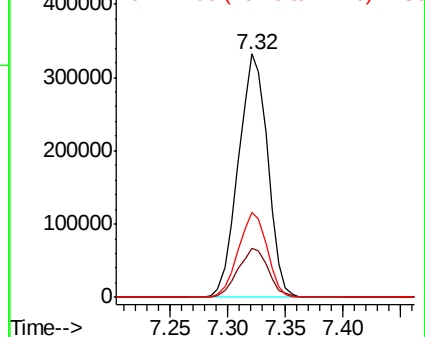
99 100

42 20.1 18.2 27.2

71 34.9 28.0 42.0



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



#8

2-Chlorophenol

Concen: 51.048 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

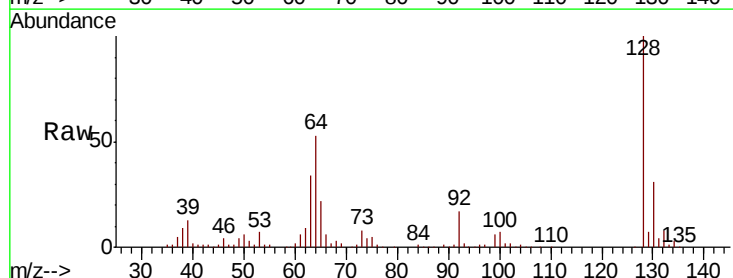
Tgt Ion: 128 Resp: 166433

Ion Ratio Lower Upper

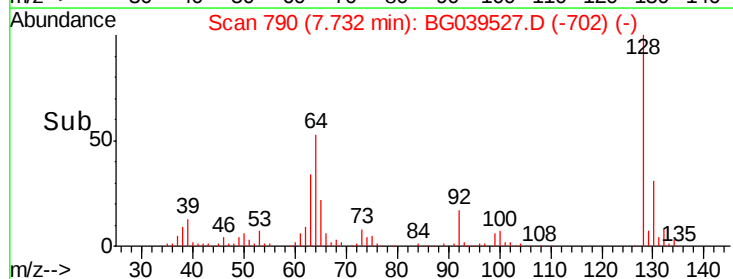
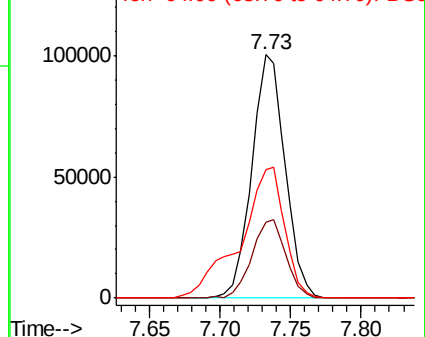
128 100

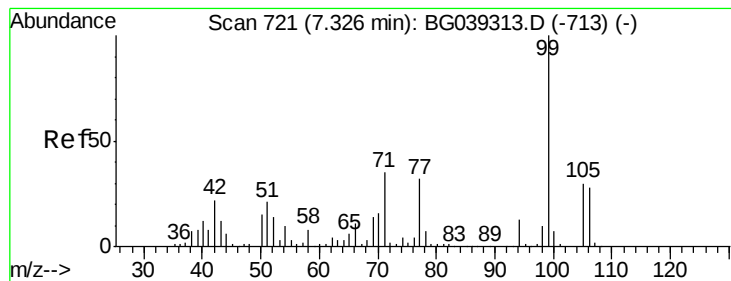
130 31.3 12.9 52.9

64 52.7 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: 57.039 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

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CL-01-021419-AMS

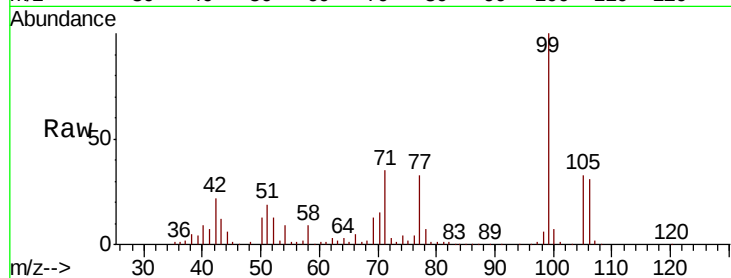
Tgt Ion: 77 Resp: 110817

Ion Ratio Lower Upper

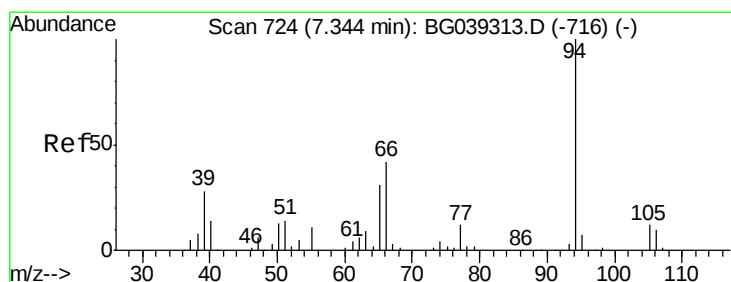
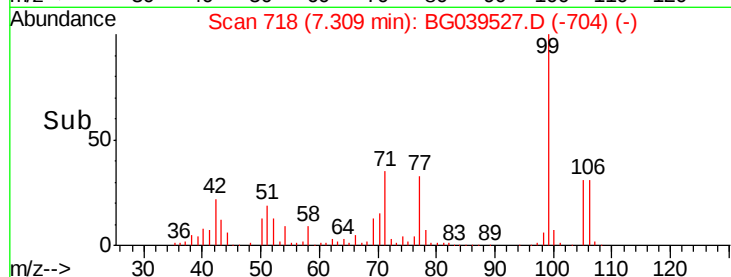
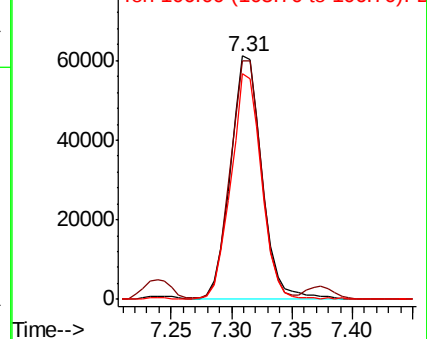
77 100

105 98.0 74.5 114.5

106 92.6 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: 44.561 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

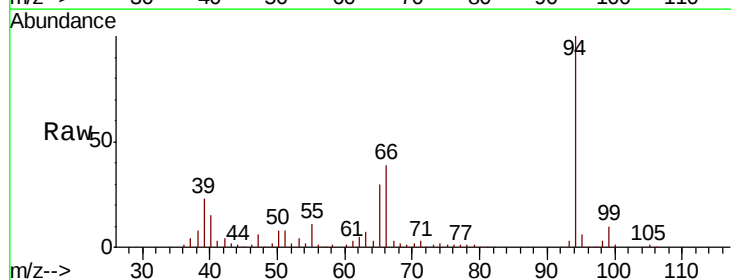
Tgt Ion: 94 Resp: 203938

Ion Ratio Lower Upper

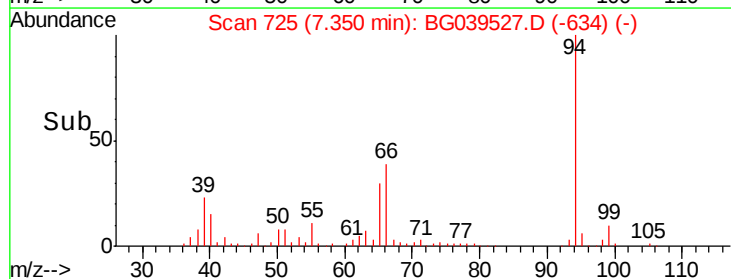
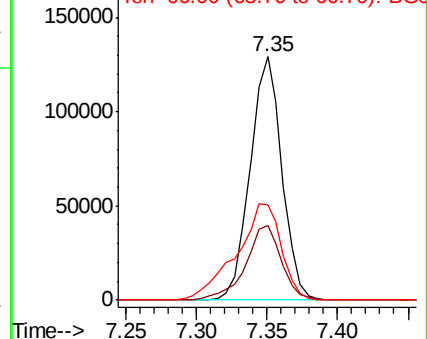
94 100

65 30.4 11.7 51.7

66 38.9 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

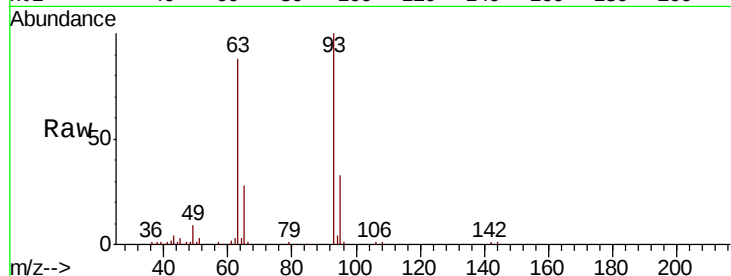




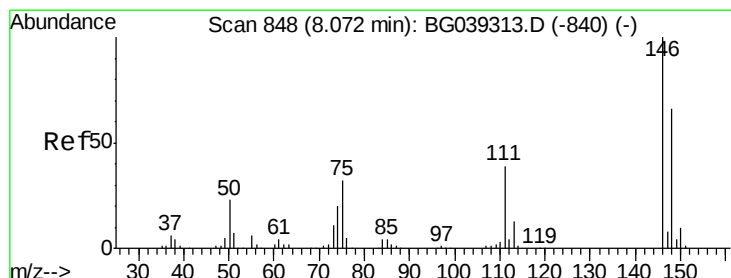
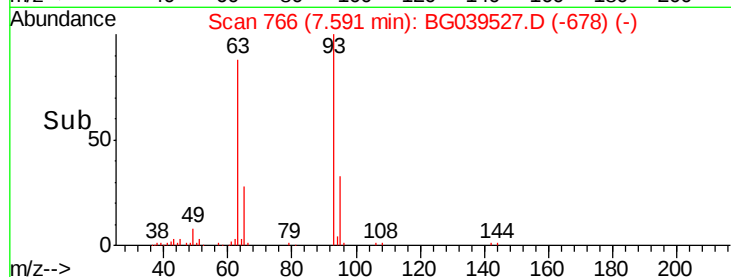
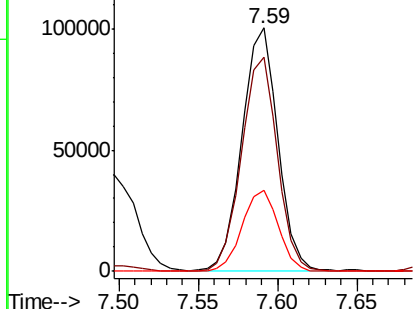
#11
bis(2-Chloroethyl)ether
Concen: 43.549 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tgt Ion: 93 Resp: 157489
Ion Ratio Lower Upper
93 100
63 88.0 69.5 109.5
95 33.3 12.7 52.7

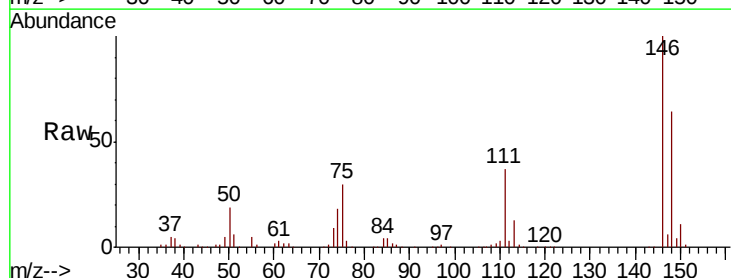


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

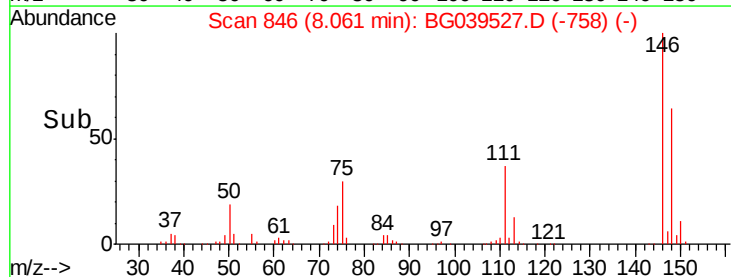
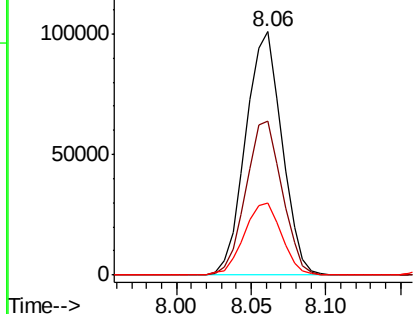


#12
1,3-Dichlorobenzene
Concen: 42.828 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion: 146 Resp: 169152
Ion Ratio Lower Upper
146 100
148 63.5 52.6 79.0
75 29.6 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: 44.250 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

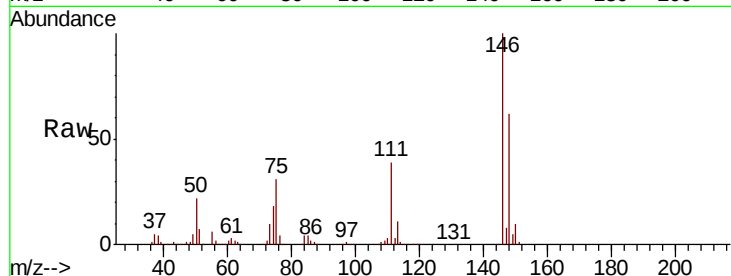
Tgt Ion:146 Resp: 174198

Ion Ratio Lower Upper

146 100

148 62.1 51.1 76.7

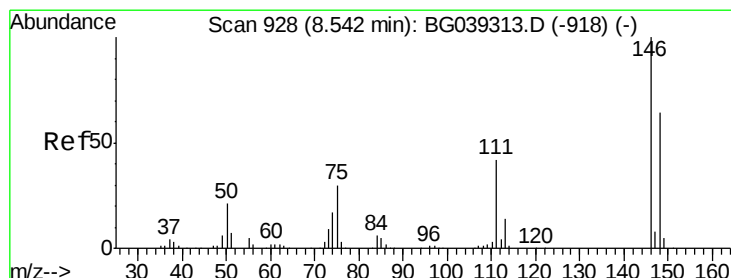
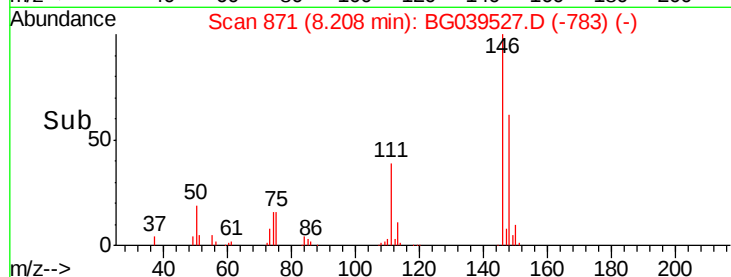
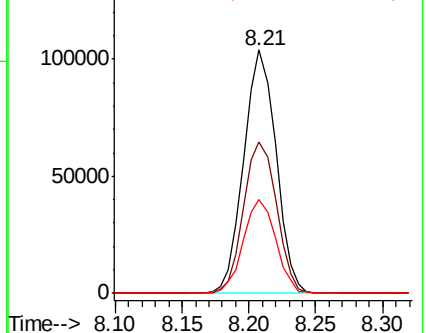
111 38.6 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.293 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

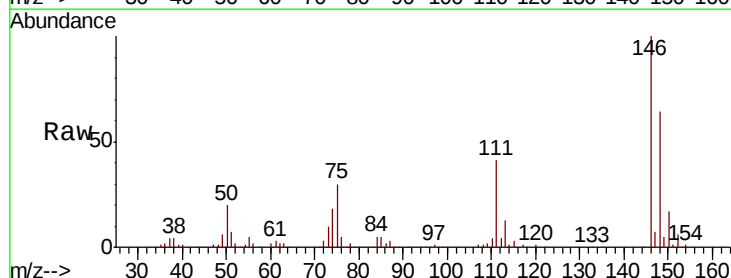
Tgt Ion:146 Resp: 164988

Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

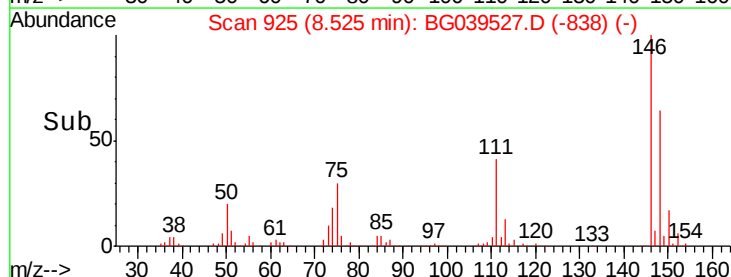
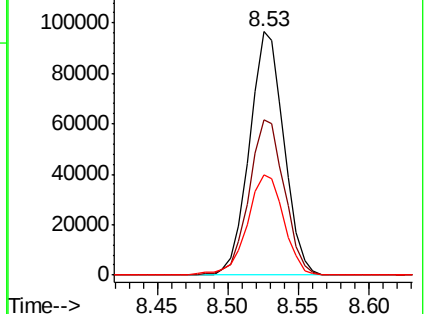
111 41.2 33.8 50.6

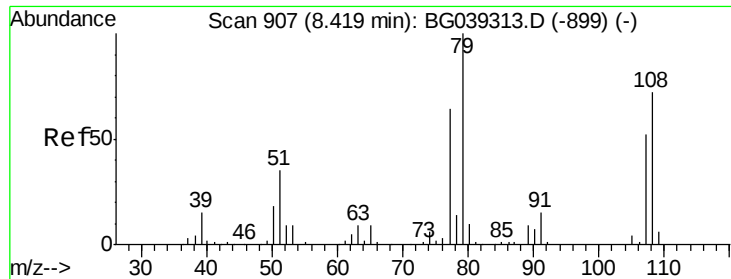


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.106 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

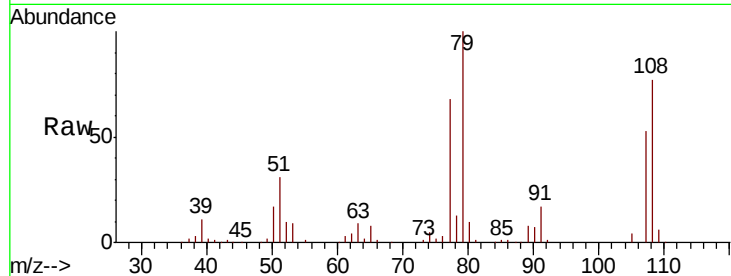
Tgt Ion: 79 Resp: 165813

Ion Ratio Lower Upper

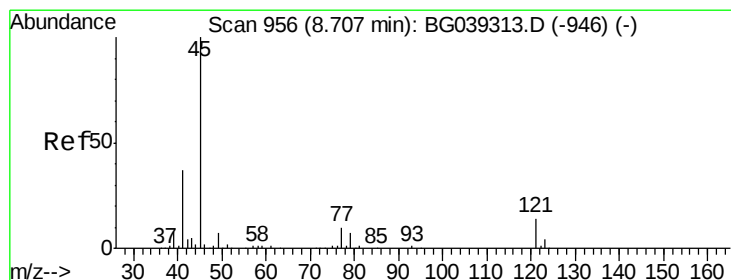
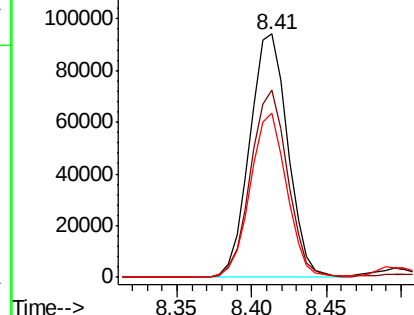
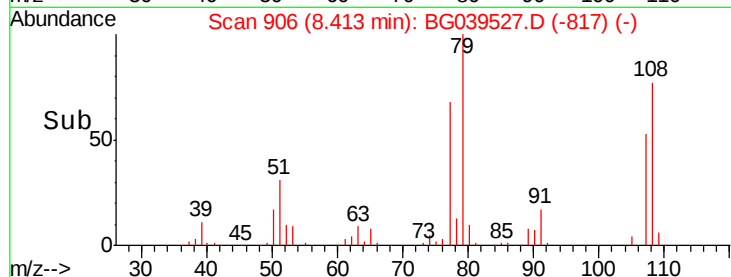
79 100

108 76.9 57.8 86.6

77 67.5 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: 37.792 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

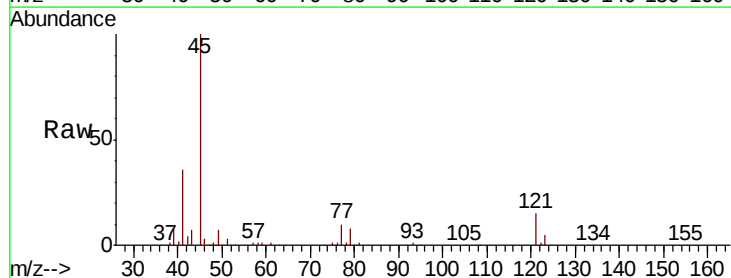
Tgt Ion: 45 Resp: 308634

Ion Ratio Lower Upper

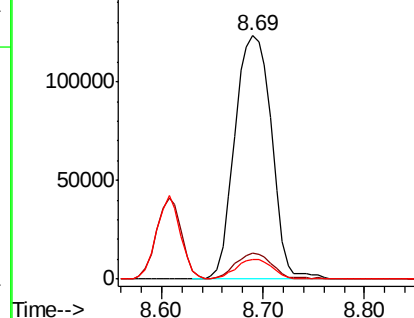
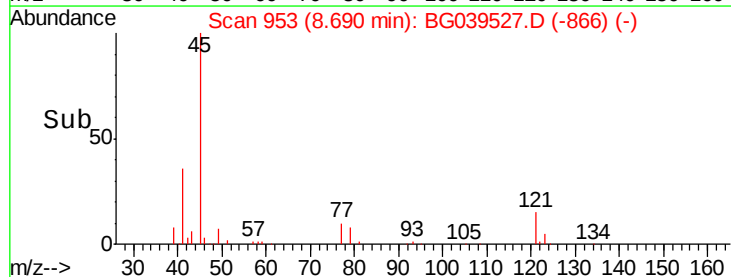
45 100

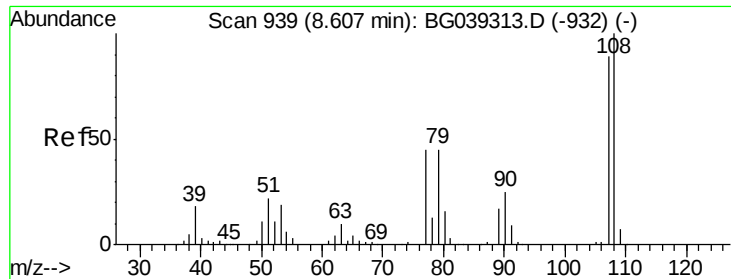
77 10.5 0.0 30.0

79 8.2 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

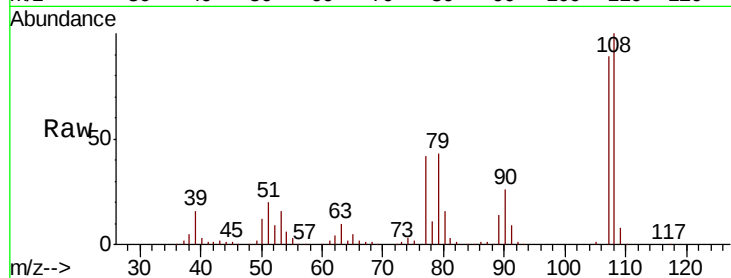




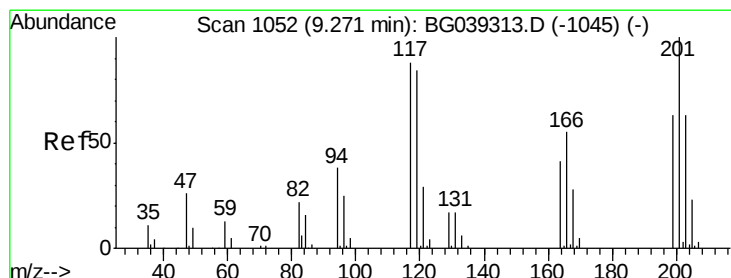
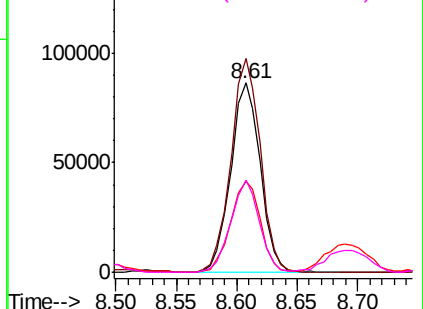
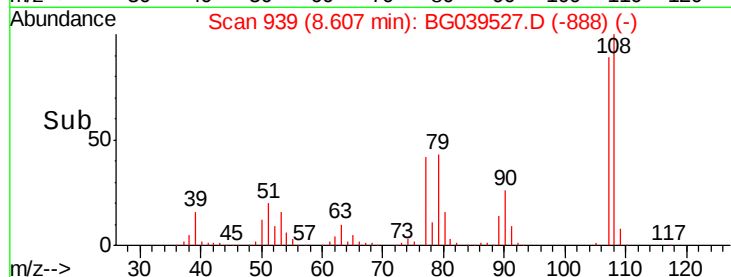
#17
2-Methylphenol
Concen: 49.962 ng
RT: 8.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tgt Ion:	107	Resp:	147970
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.8	136.2
77	47.7	40.7	61.1
79	48.8	40.6	60.8

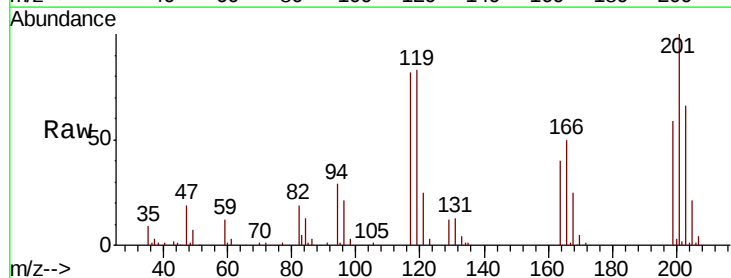


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

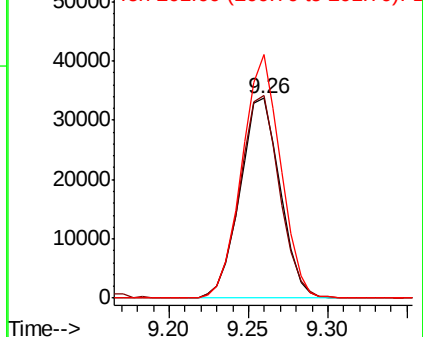
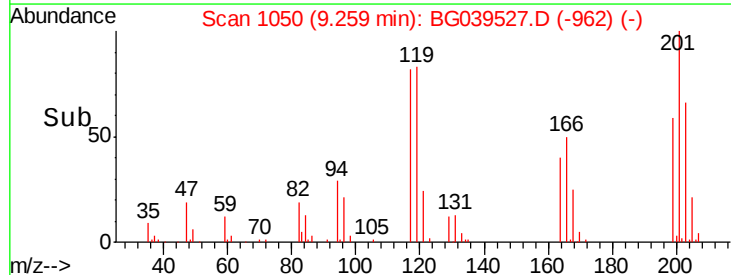


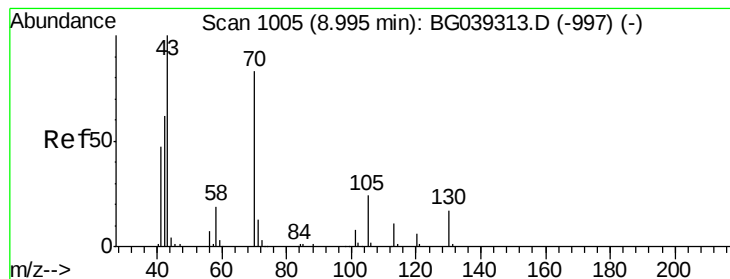
#18
Hexachloroethane
Concen: 43.538 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion:	117	Resp:	58966
Ion	Ratio	Lower	Upper
117	100		
119	101.6	76.3	114.5
201	121.9	91.1	136.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 43.152 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

Tgt Ion: 70 Resp: 134465

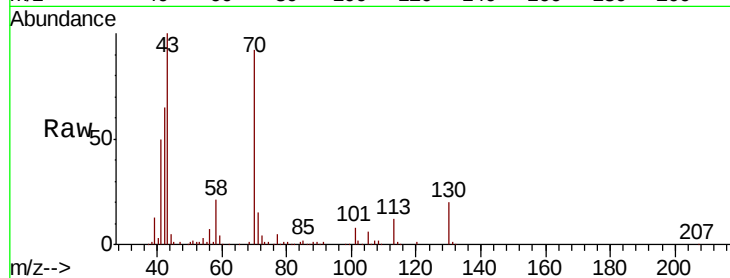
Ion Ratio Lower Upper

70 100

42 71.2 60.4 90.6

101 9.1 7.5 11.3

130 22.1 16.9 25.3



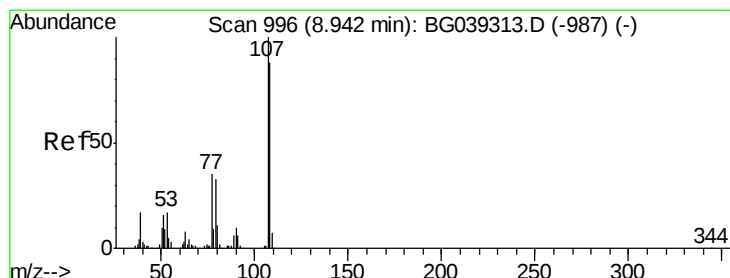
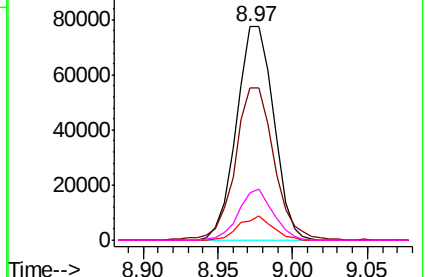
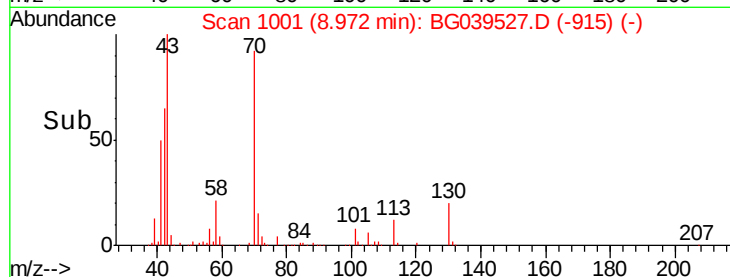
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



#20

3+4-Methylphenols

Concen: 50.322 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion: 107 Resp: 205232

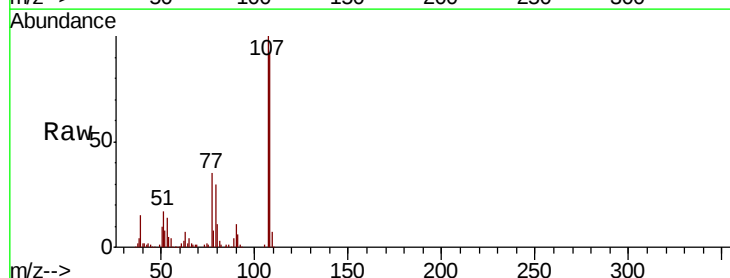
Ion Ratio Lower Upper

107 100

108 91.7 67.9 107.9

77 35.3 15.4 55.4

79 29.9 13.7 53.7



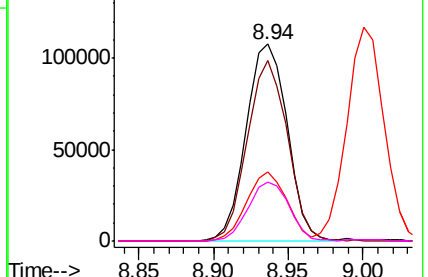
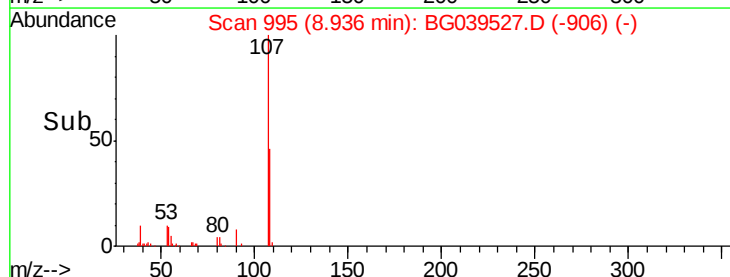
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->

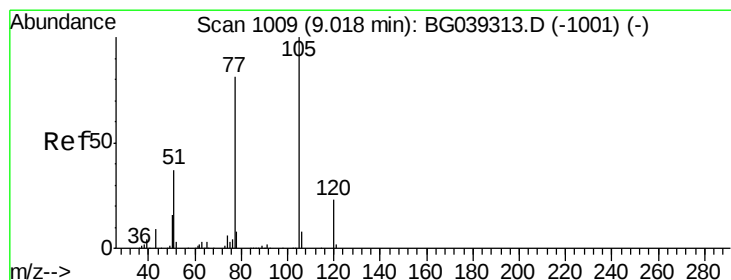
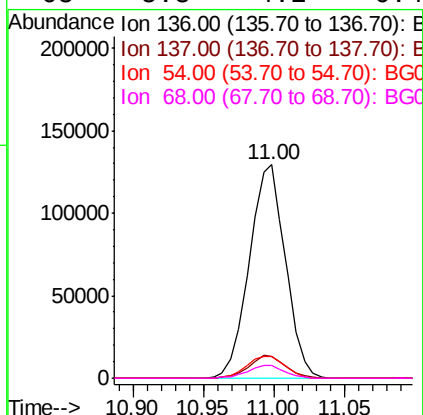
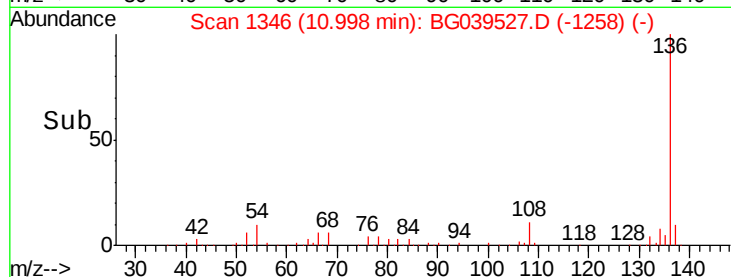
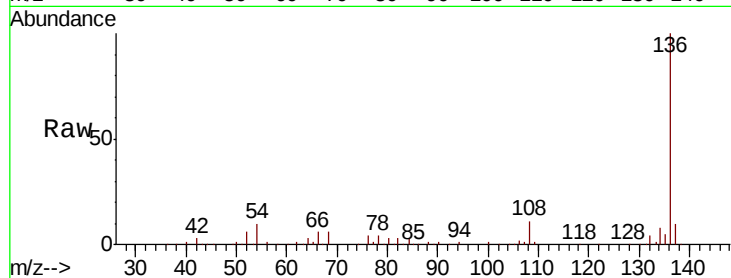




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

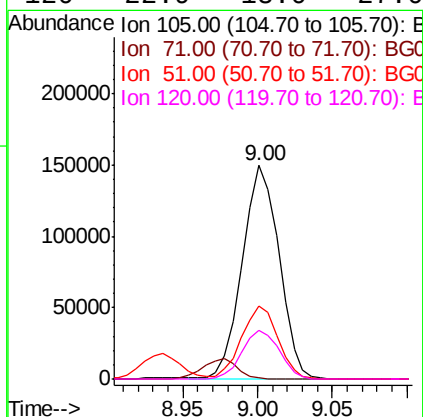
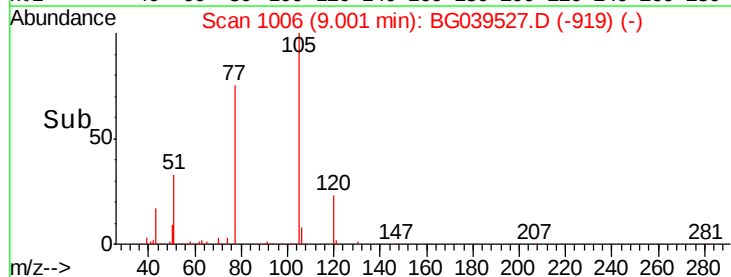
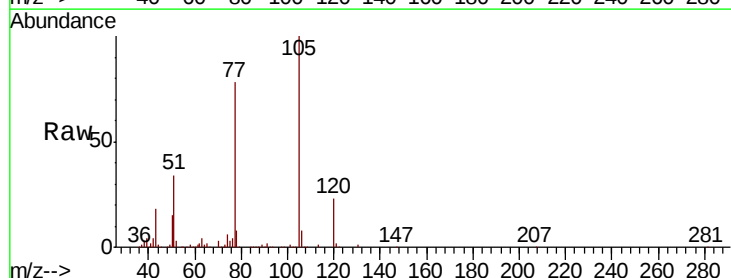
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tgt Ion:	136	Resp:	232542
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	10.2	9.4	14.2
68	5.8	4.2	6.4



#22
Acetophenone
Concen: 41.049 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion:	105	Resp:	256411
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	34.1	30.2	45.2
120	22.9	18.0	27.0

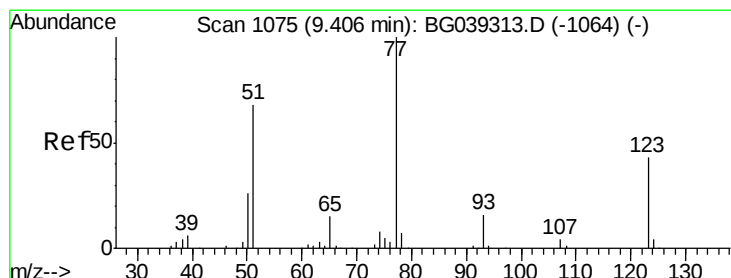
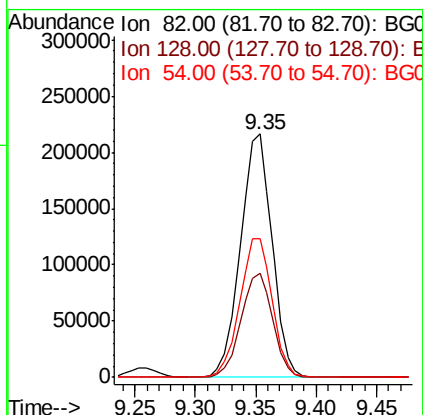
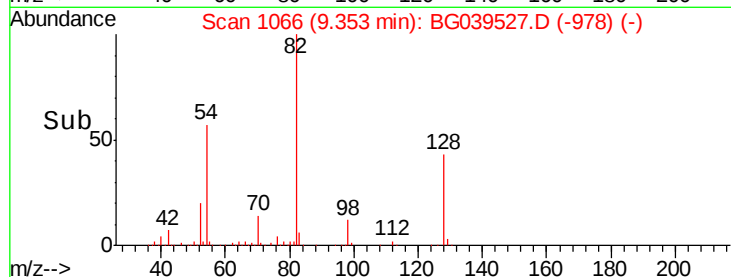
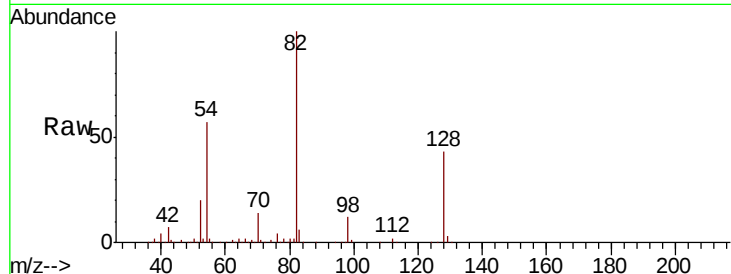




#23
Nitrobenzene-d5
Concen: 106.392 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

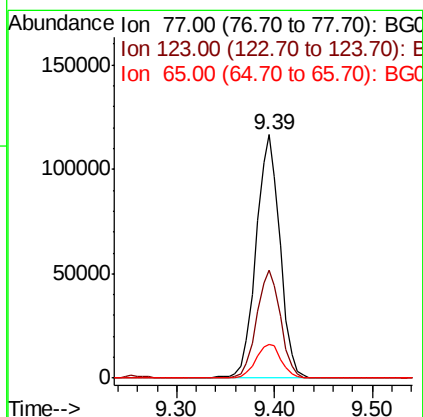
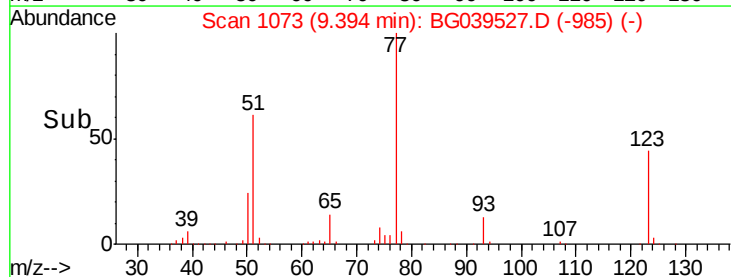
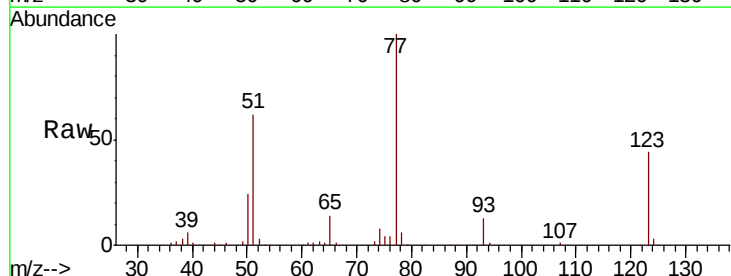
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

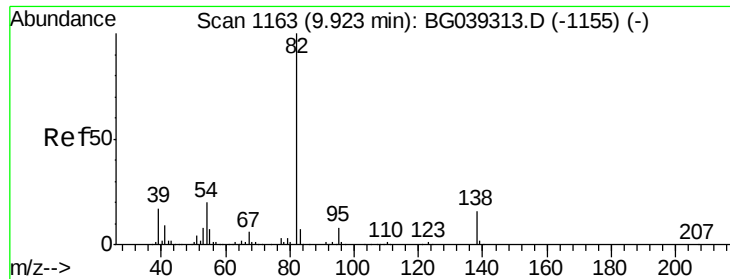
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.3	46.9
54	57.1	50.9	76.3



#24
Nitrobenzene
Concen: 49.881 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	34.1	51.1
65	13.8	12.3	18.5

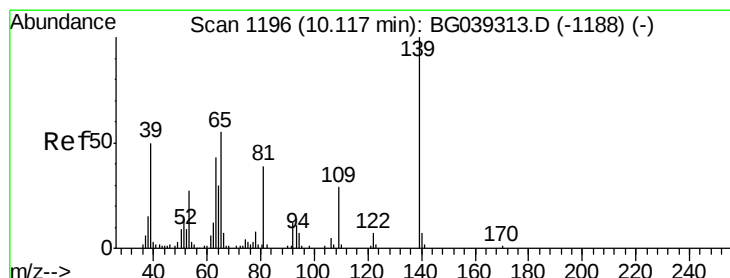
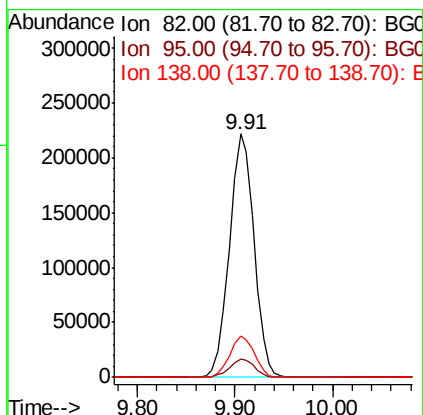
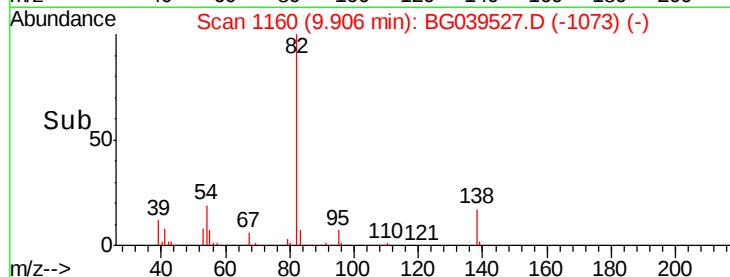
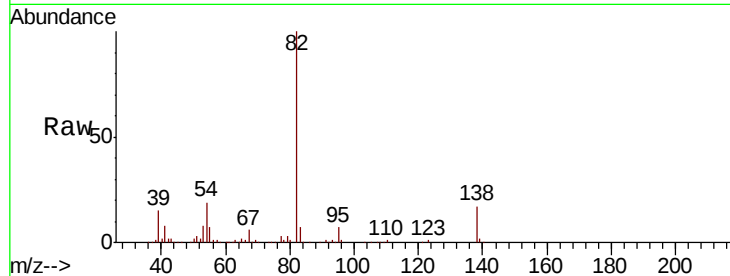




#25
Isophorone
Concen: 46.924 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

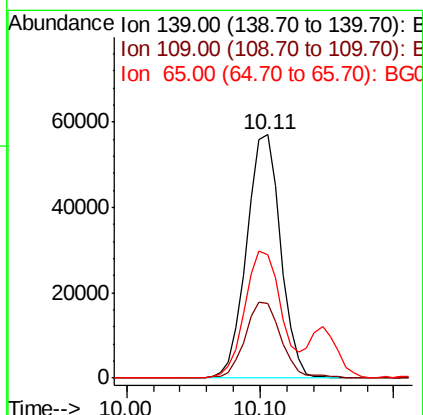
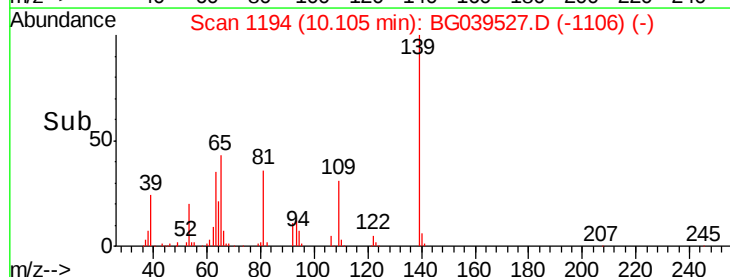
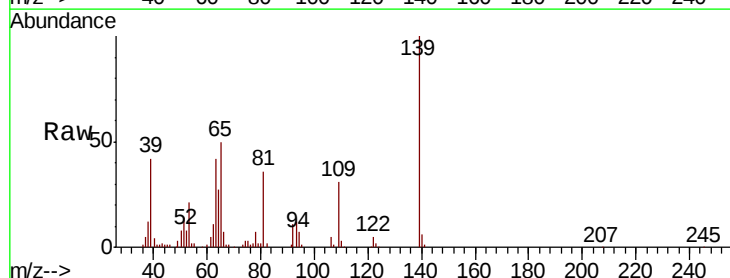
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

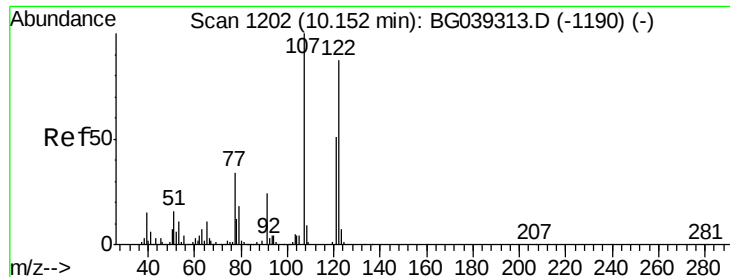
Tgt Ion: 82 Resp: 387061
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 17.1 13.0 19.4



#26
2-Nitrophenol
Concen: 59.139 ng
RT: 10.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion: 139 Resp: 100214
Ion Ratio Lower Upper
139 100
109 30.6 23.4 35.0
65 50.4 44.3 66.5

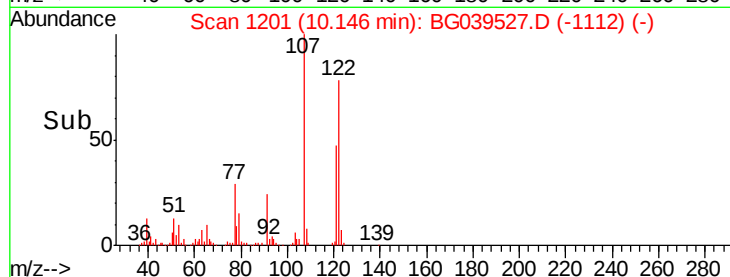
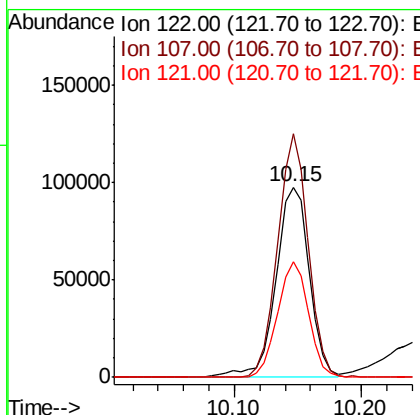
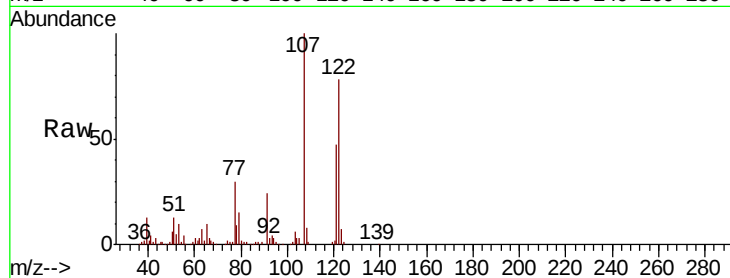




#27
2,4-Dimethylphenol
Concen: 53.546 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

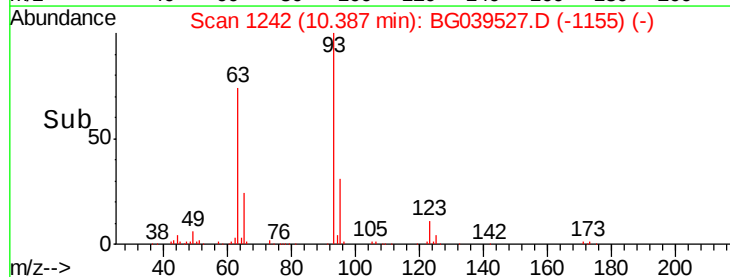
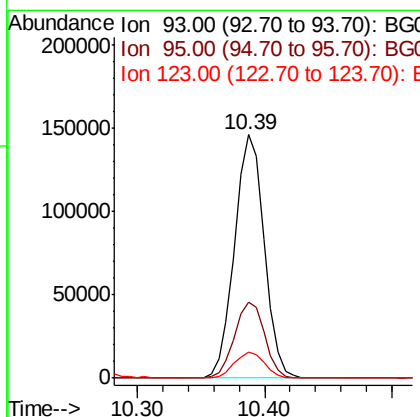
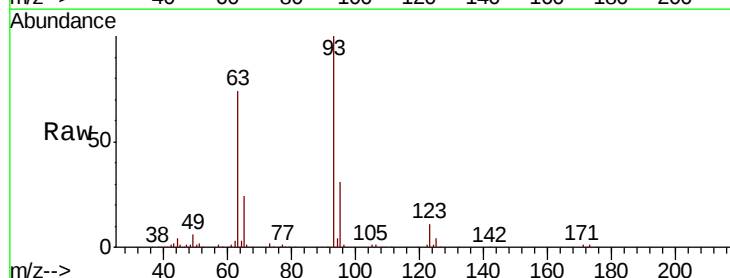
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

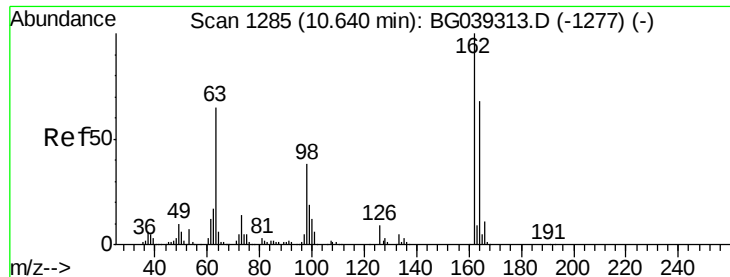
Tgt Ion:122 Resp: 178673
Ion Ratio Lower Upper
122 100
107 127.8 91.7 137.5
121 60.4 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.316 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion: 93 Resp: 235321
Ion Ratio Lower Upper
93 100
95 31.1 25.0 37.4
123 10.7 8.6 12.8

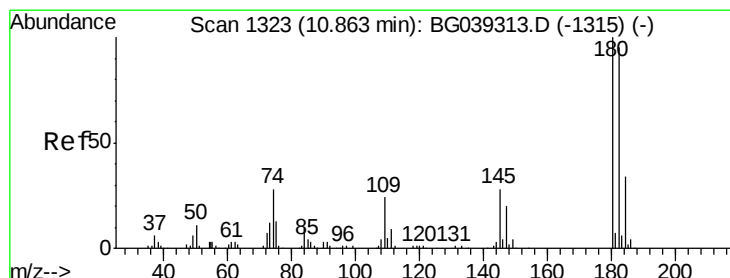
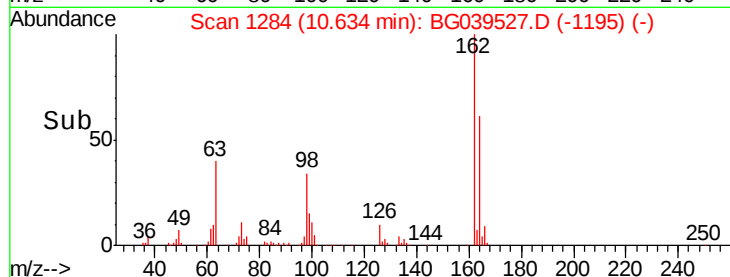
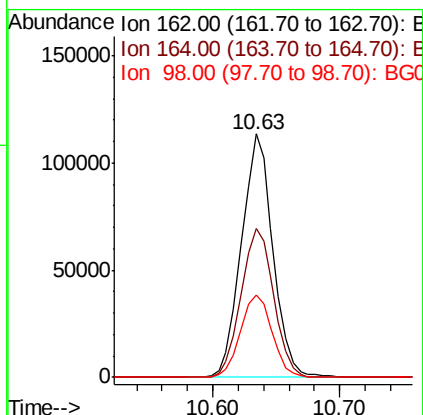
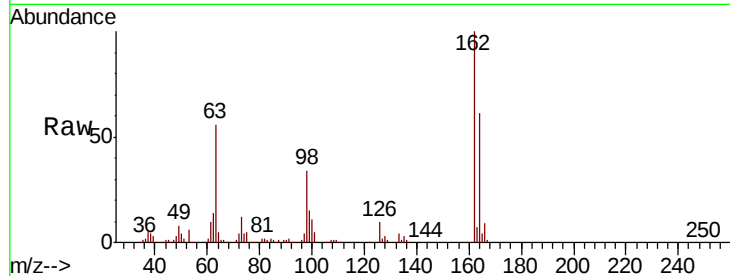




#29
2,4-Dichlorophenol
Concen: 53.357 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

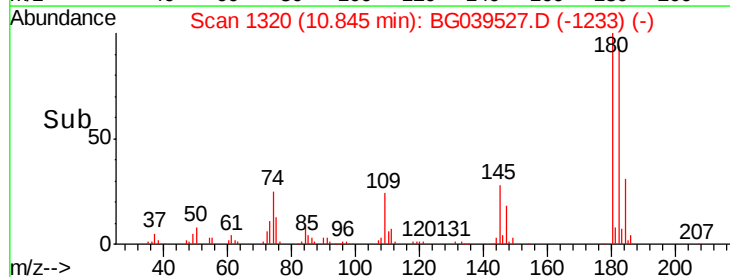
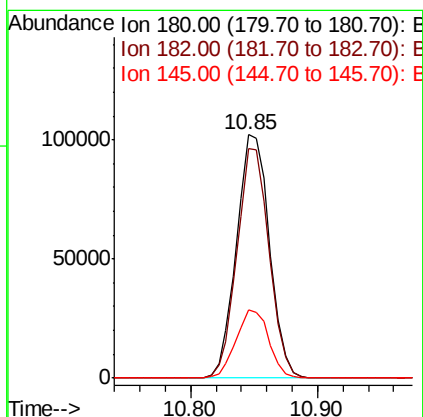
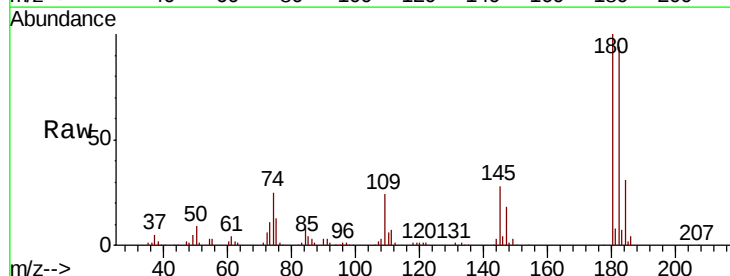
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

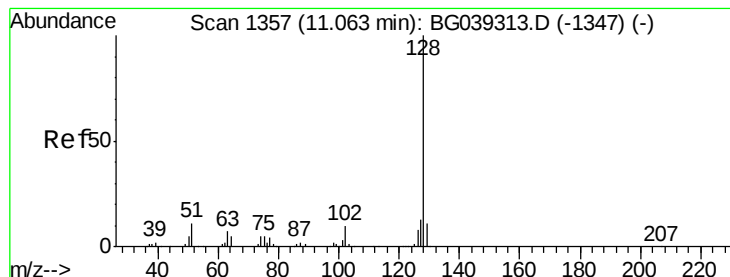
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.2	48.1	88.1
98	33.6	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 44.817 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.0	114.0
145	27.9	22.7	34.1





#31

Naphthalene

Concen: 46.409 ng

RT: 11.05 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

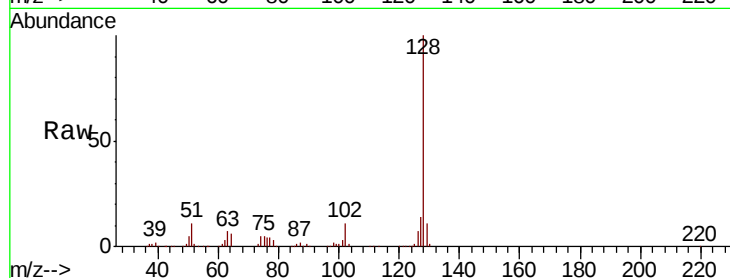
Tgt Ion:128 Resp: 535382

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

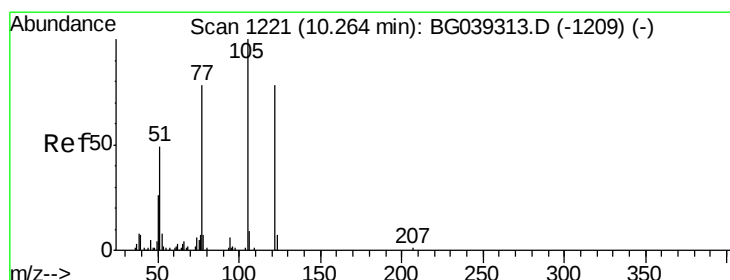
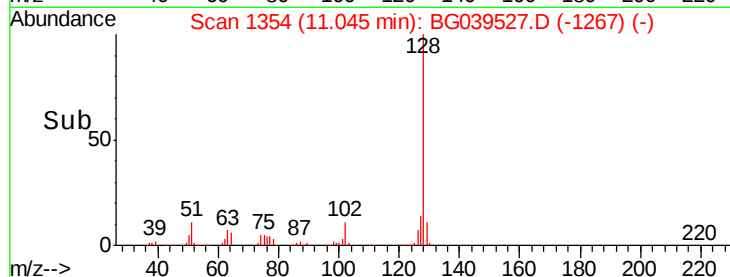
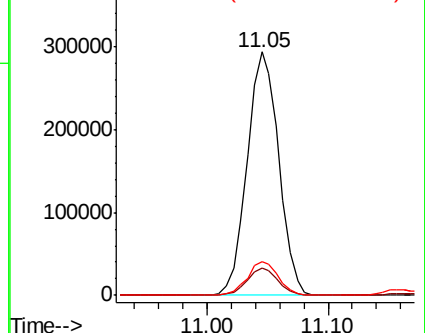
127 13.9 10.8 16.2



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: 51.240 ng

RT: 10.27 min Scan# 1222

Delta R.T. 0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

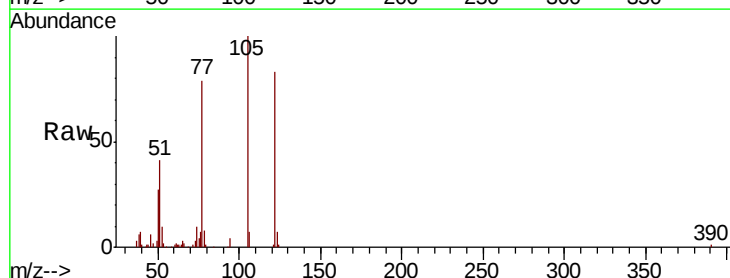
Tgt Ion:122 Resp: 113599

Ion Ratio Lower Upper

122 100

105 120.4 101.8 141.8

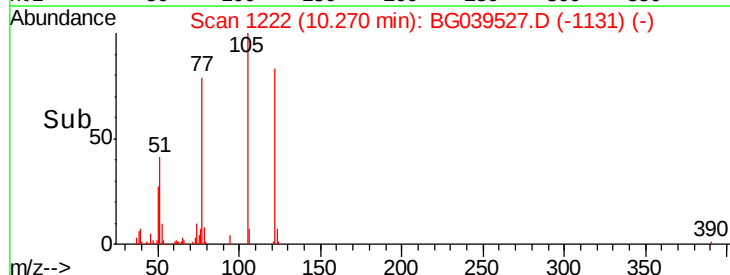
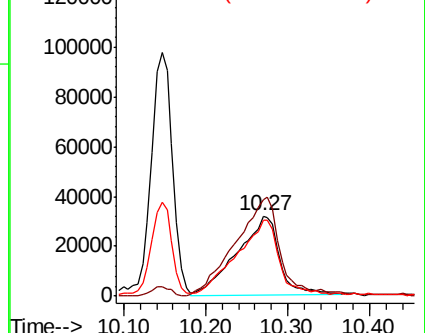
77 95.7 76.3 116.3



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): BG

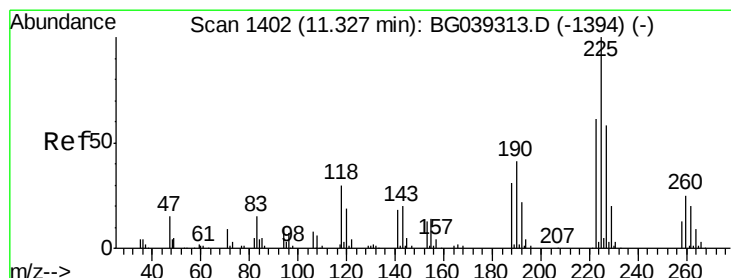
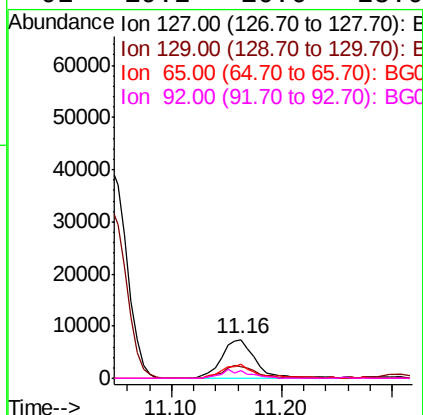
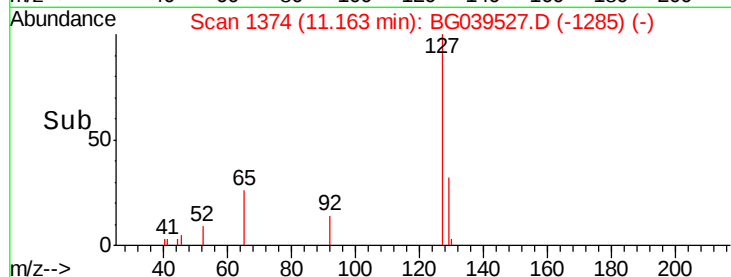
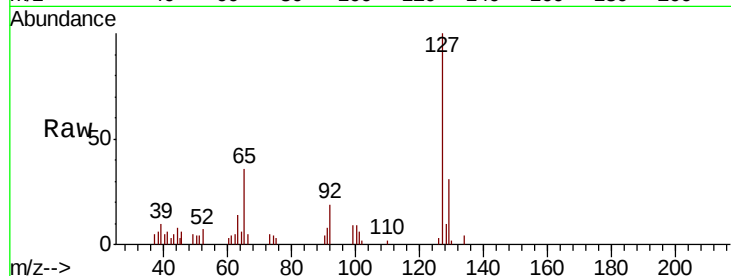




#33
4-Chloroaniline
Concen: 2.938 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

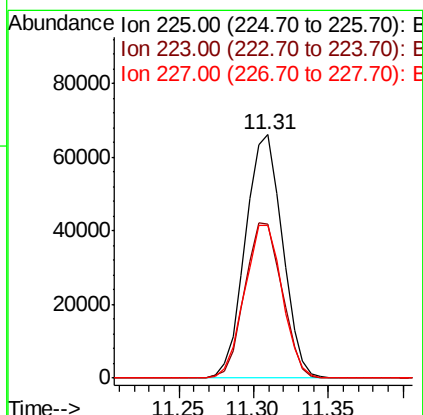
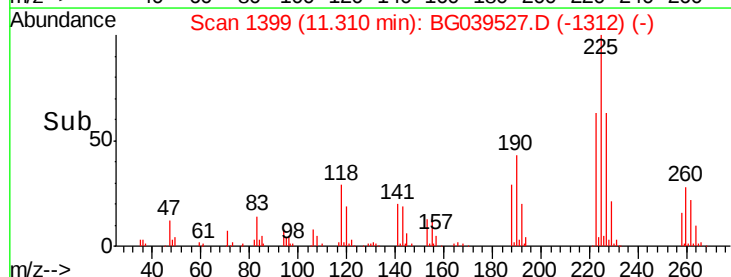
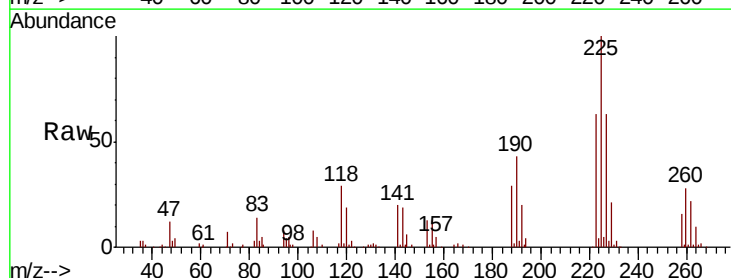
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tgt Ion:	127	Resp:	15715
Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.0	40.4
65	35.9	28.8	43.2
92	19.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 41.663 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion:	225	Resp:	113444
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.0	73.6
227	62.6	46.3	69.5





#35

Caprolactam

Concen: 29.881 ng

RT: 11.94 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

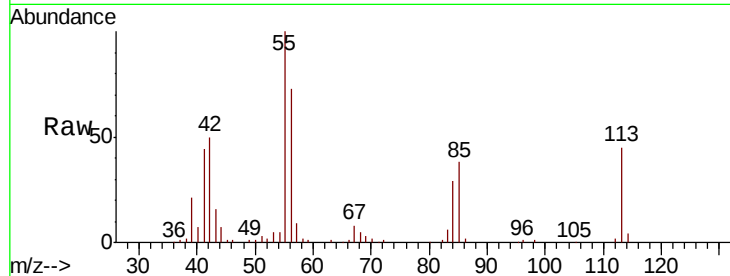
Tgt Ion:113 Resp: 45094

Ion Ratio Lower Upper

113 100

55 221.1 216.9 256.9

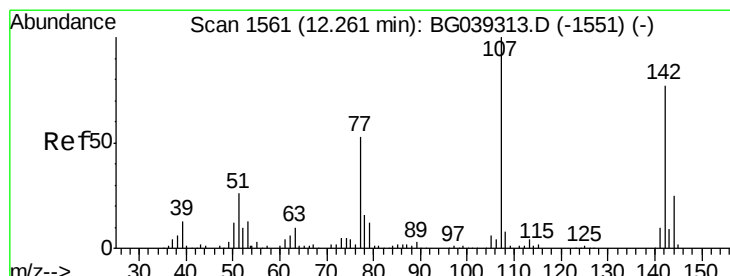
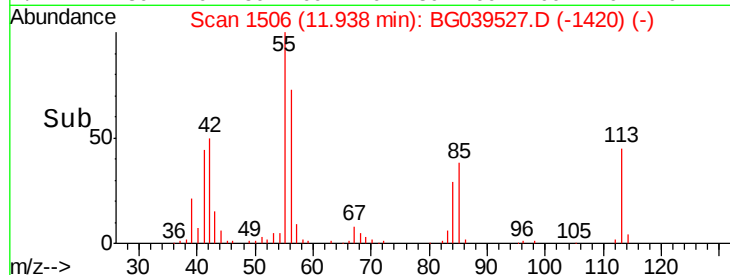
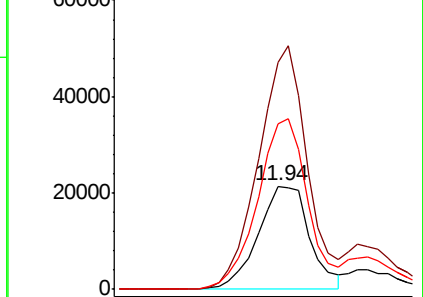
56 160.9 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.380 ng

RT: 12.26 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

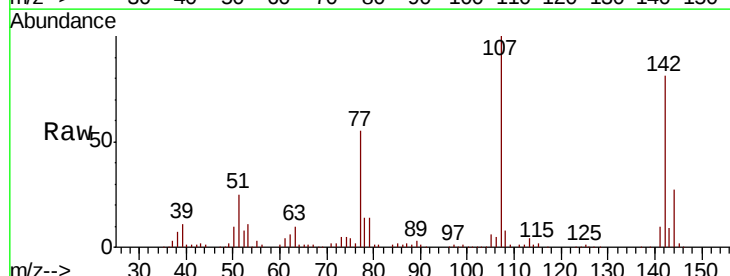
Tgt Ion:107 Resp: 208268

Ion Ratio Lower Upper

107 100

144 27.2 20.2 30.2

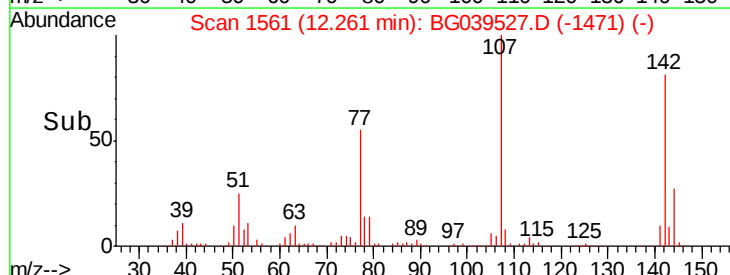
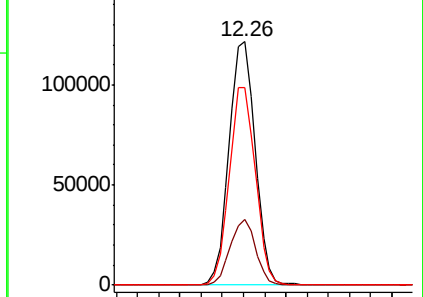
142 81.0 61.4 92.2

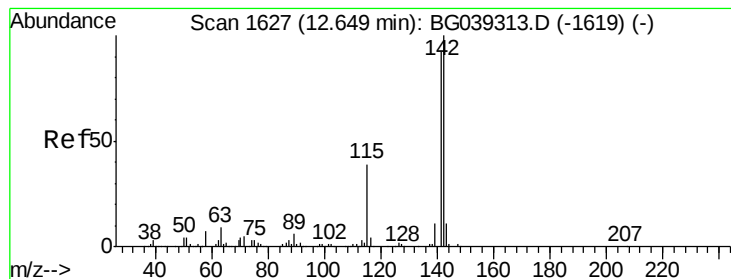


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.884 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

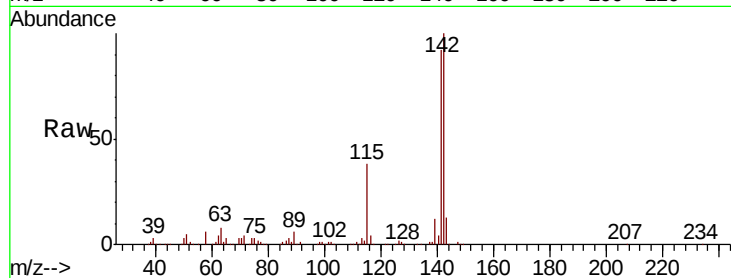
Tgt Ion:142 Resp: 409142

Ion Ratio Lower Upper

142 100

141 92.0 73.5 110.3

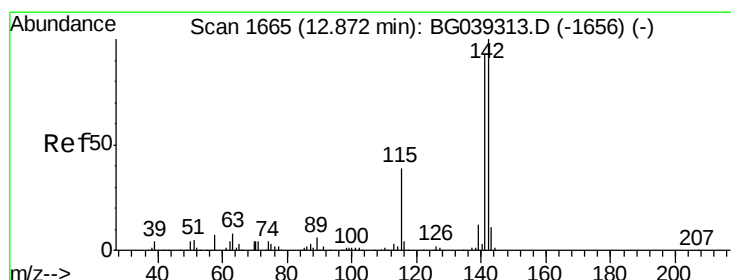
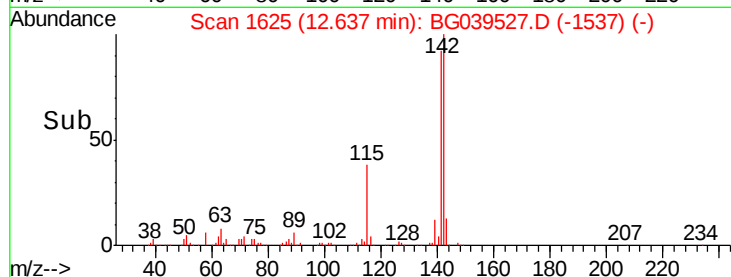
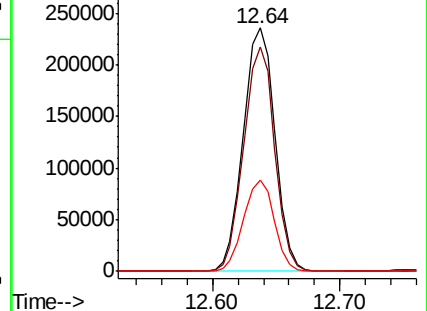
115 37.6 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.895 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

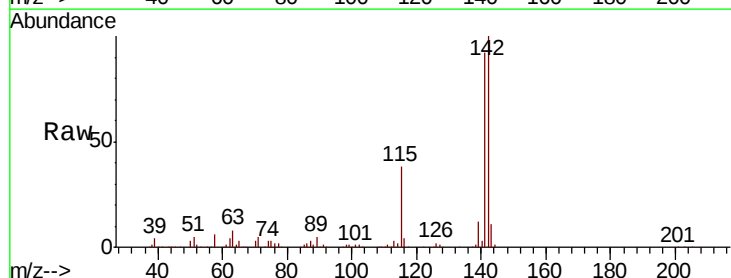
Tgt Ion:142 Resp: 394483

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4

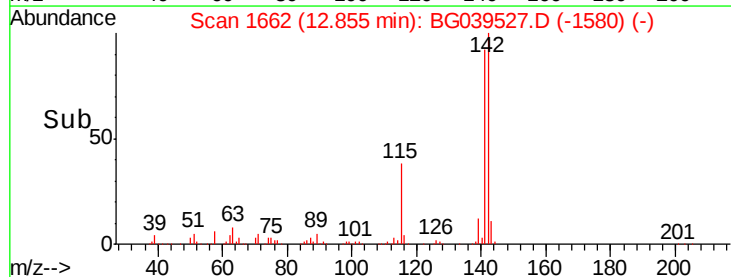
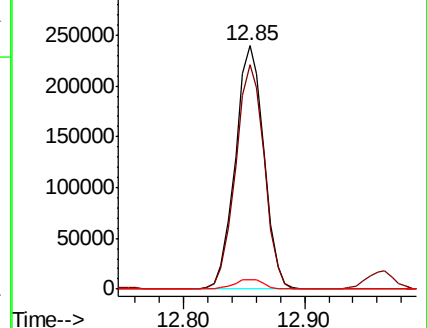
116 3.9 3.0 4.6

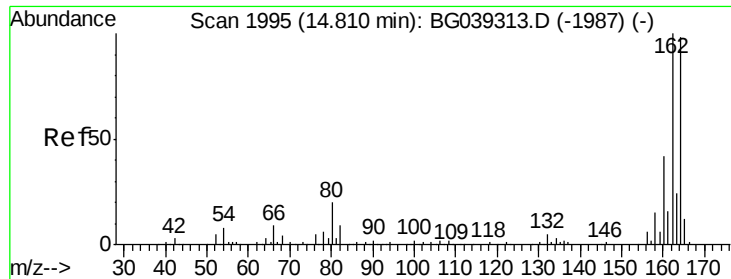


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

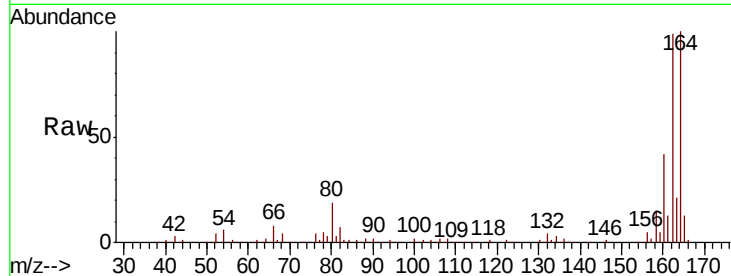
Tgt Ion:164 Resp: 162541

Ion Ratio Lower Upper

164 100

162 98.5 81.6 122.4

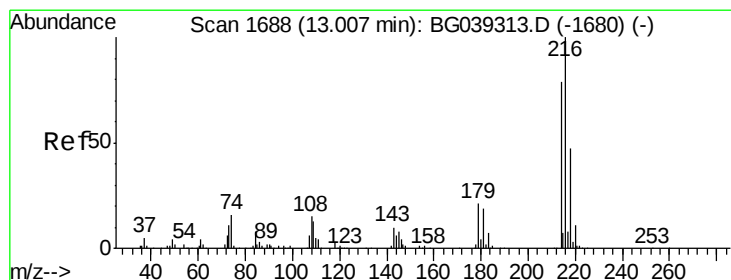
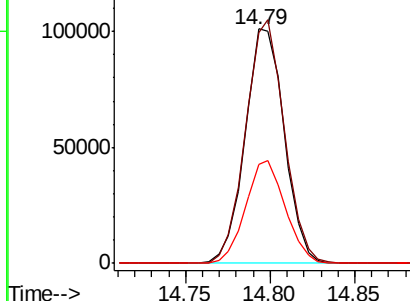
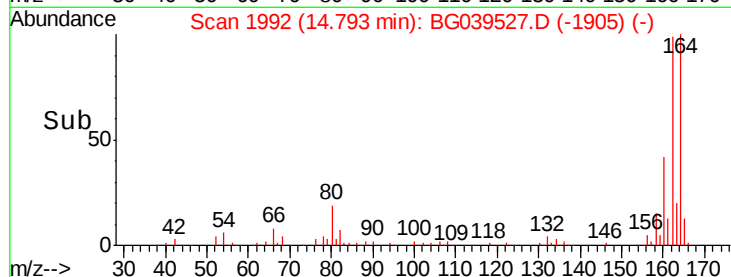
160 42.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.910 ng

RT: 13.00 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Tgt Ion:216 Resp: 221910

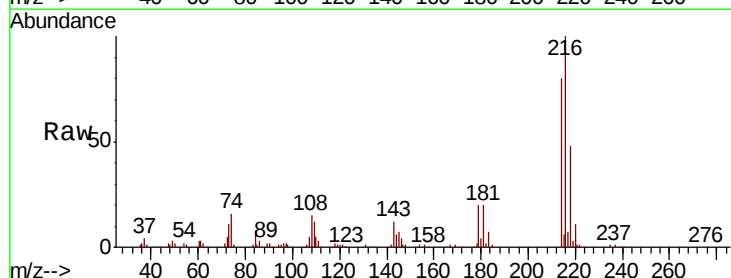
Ion Ratio Lower Upper

216 100

214 80.2 62.6 94.0

179 20.8 16.6 25.0

108 18.1 14.0 21.0

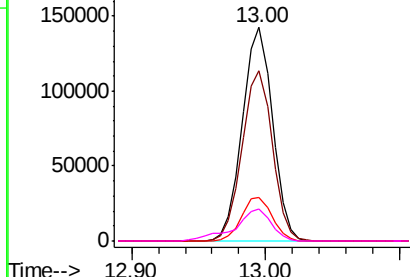
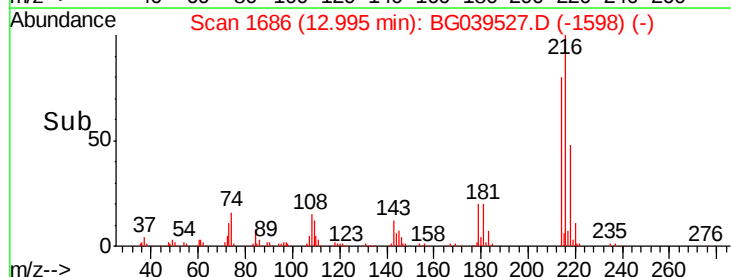


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.173 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

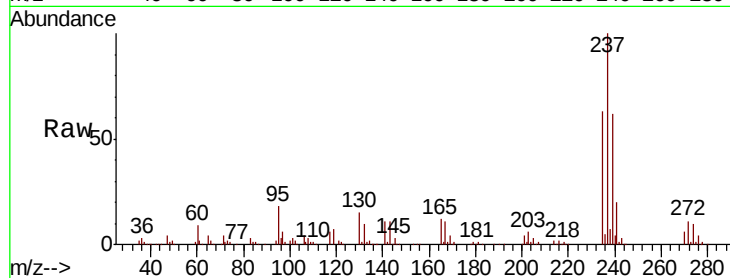
Tgt Ion: 237 Resp: 259751

Ion Ratio Lower Upper

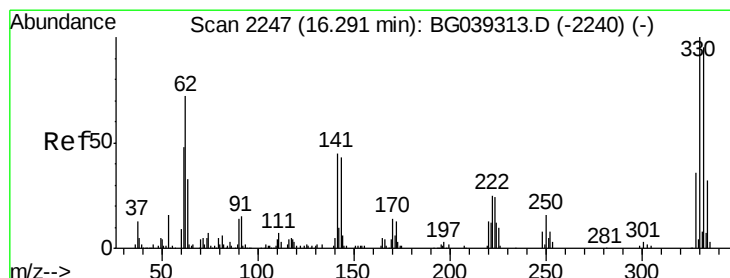
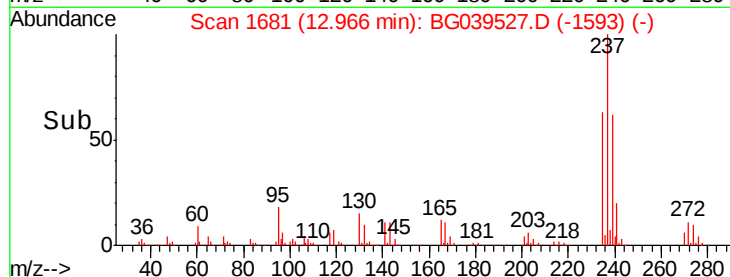
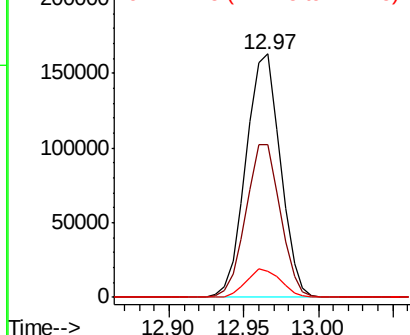
237 100

235 62.8 43.3 83.3

272 10.8 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: 149.876 ng

RT: 16.29 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

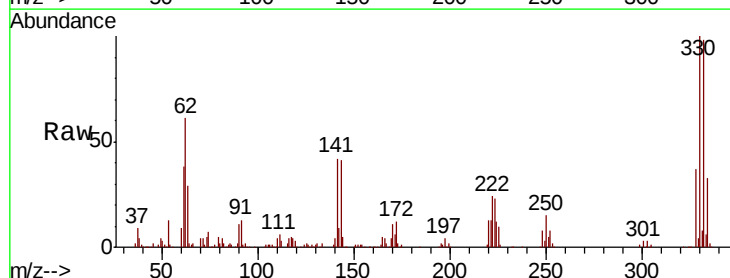
Tgt Ion: 330 Resp: 262327

Ion Ratio Lower Upper

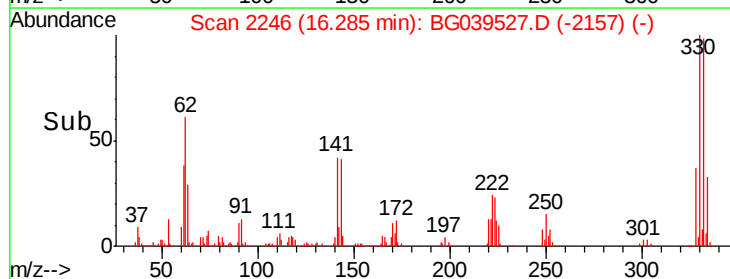
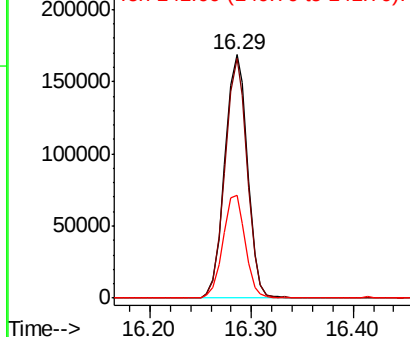
330 100

332 96.3 75.7 113.5

141 41.4 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

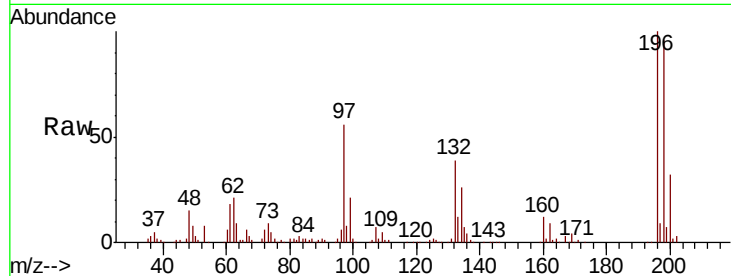




#43
 2,4,6-Trichlorophenol
 Concen: 50.329 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	80.6	121.0
200	31.7	26.1	39.1

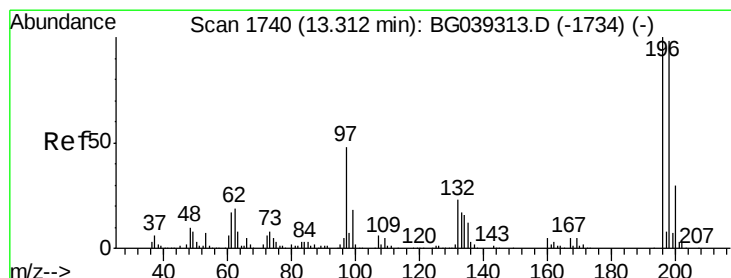
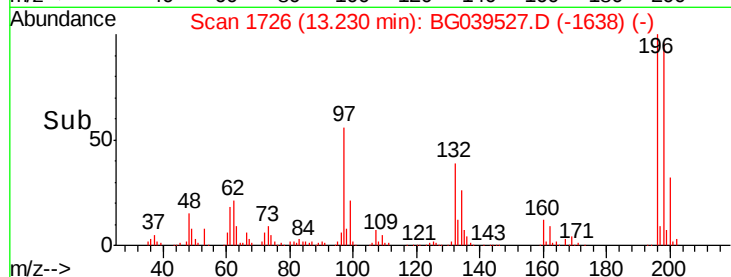
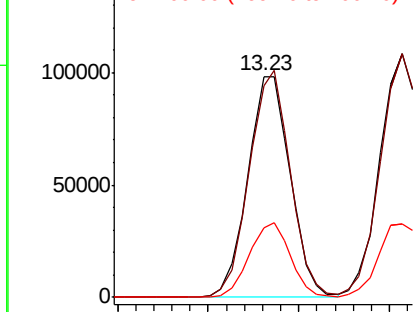


Abundance

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: 53.236 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	78.5	117.7
97	46.5	38.4	57.6
132	25.9	19.2	28.8

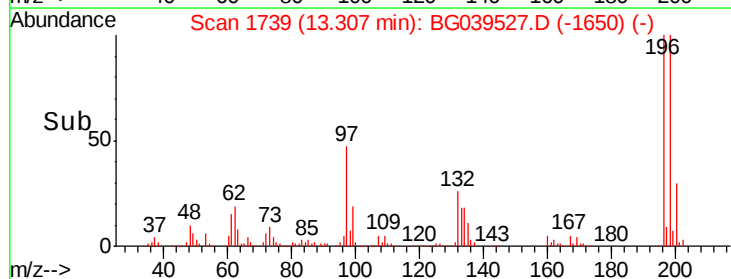
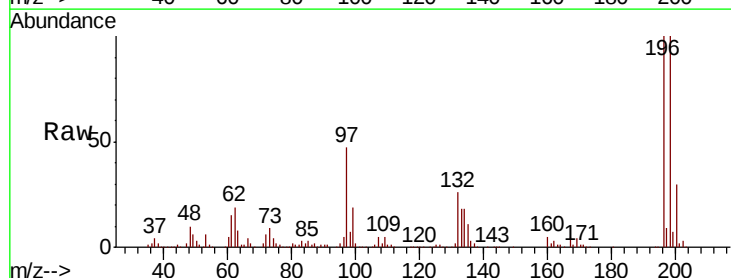
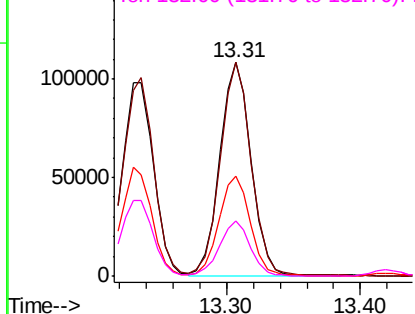
Abundance

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

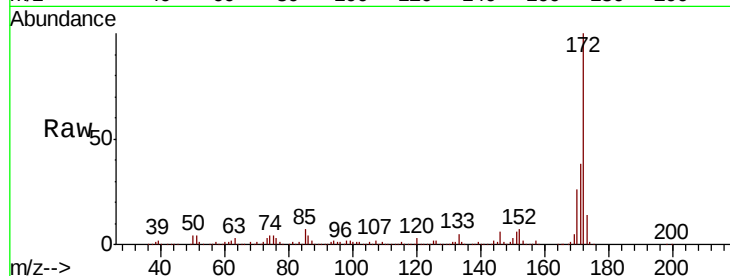




#45
2-Fluorobiphenyl
Concen: 83.369 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	26.0	20.2	30.4

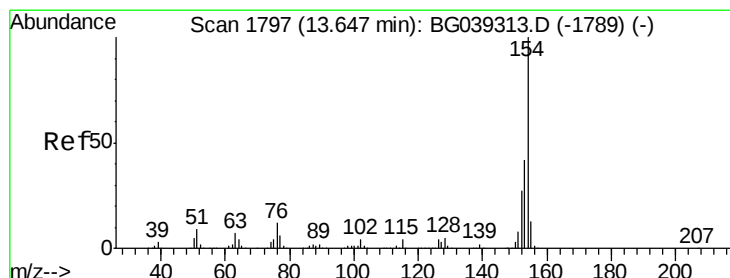
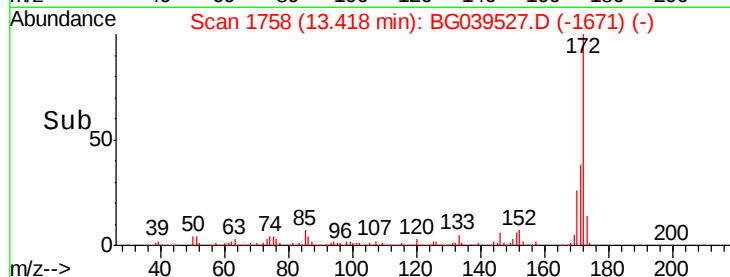
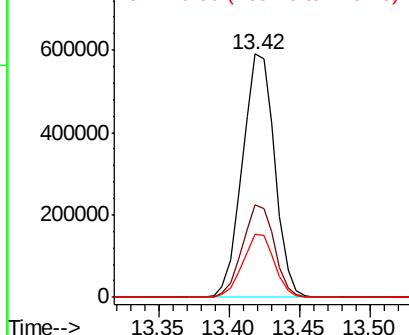


Abundance

Ion 172.00 (171.70 to 172.70): E

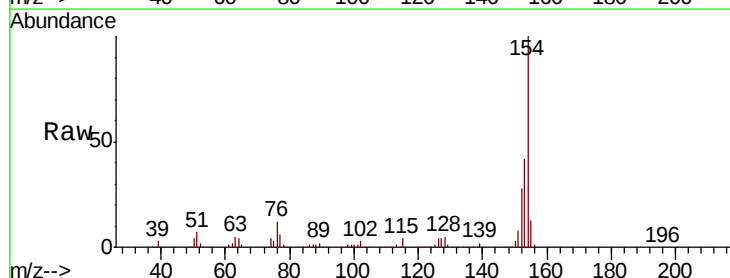
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.013 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.1	62.1
76	11.8	0.0	32.4

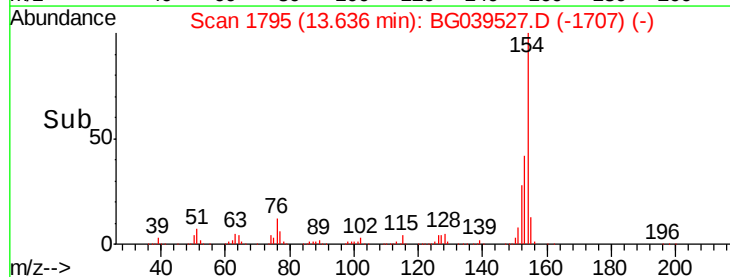
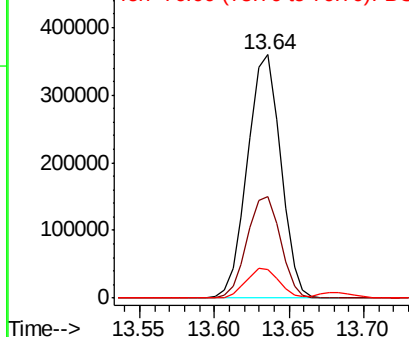


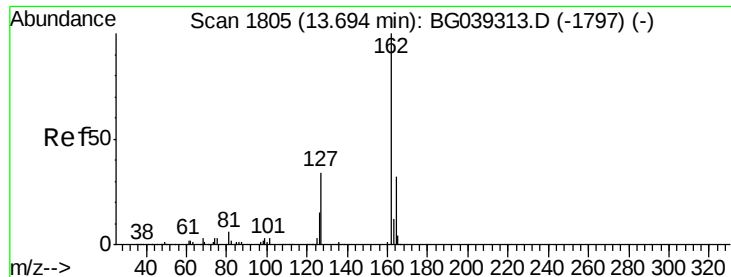
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

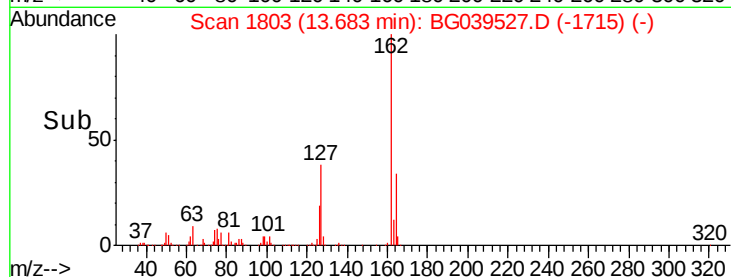
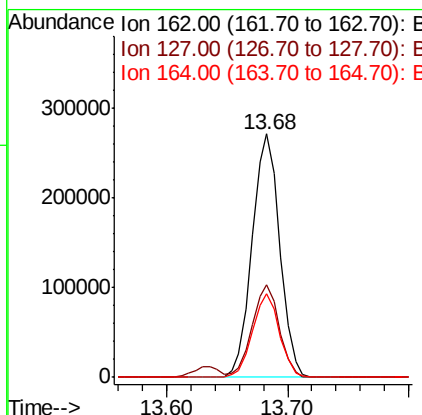
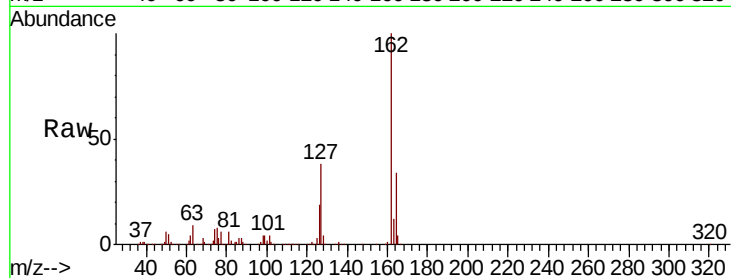




#47
2-Chloronaphthalene
Concen: 42.387 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

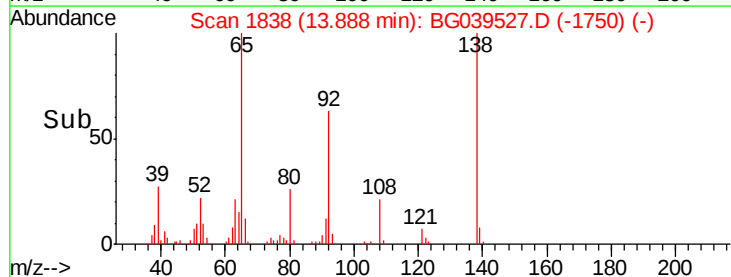
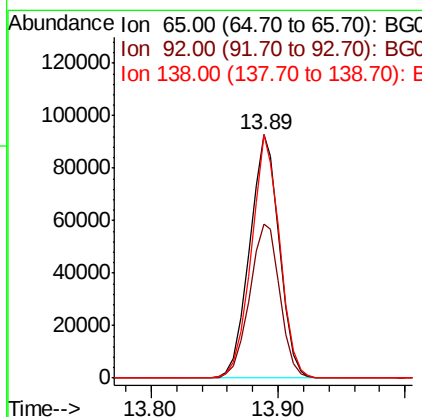
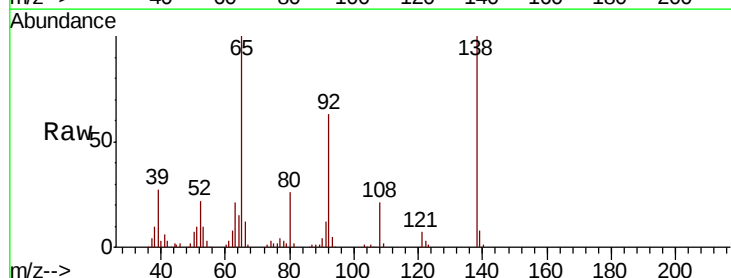
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.0	46.6
164	34.3	25.7	38.5



#48
2-Nitroaniline
Concen: 50.952 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	51.4	77.2
138	99.9	71.4	107.2





#49

Acenaphthylene

Concen: 45.773 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

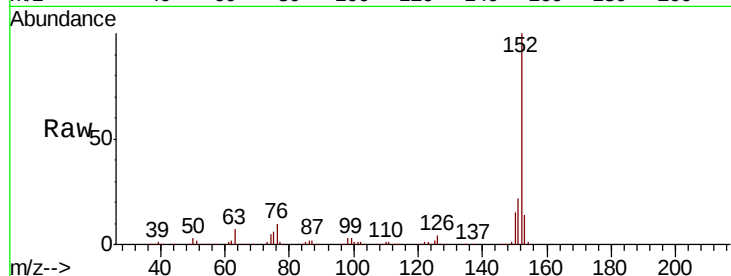
Tgt Ion:152 Resp: 702681

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

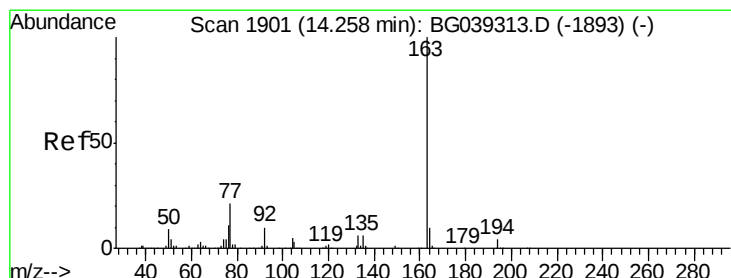
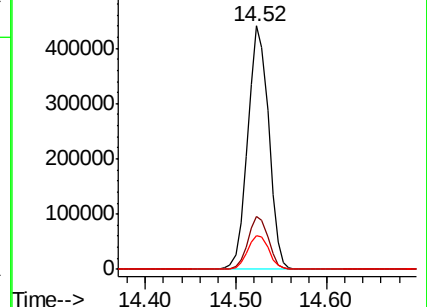
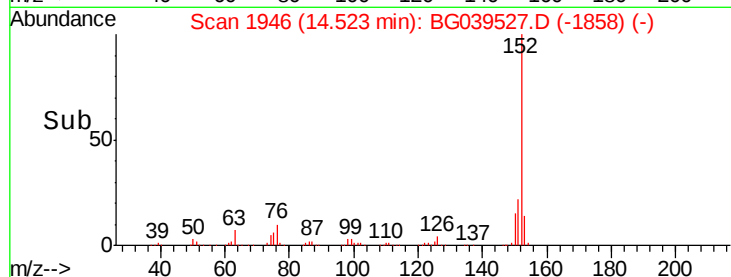
153 14.0 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.244 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

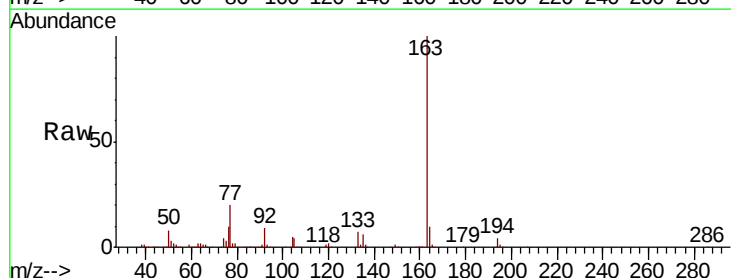
Tgt Ion:163 Resp: 567683

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

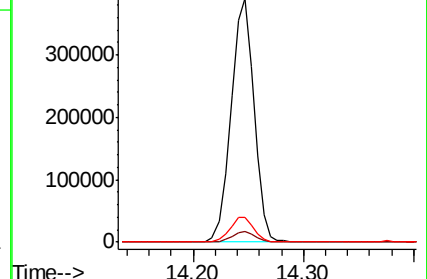
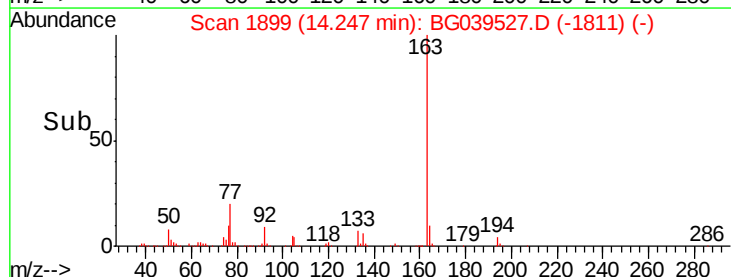
164 10.0 8.4 12.6



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

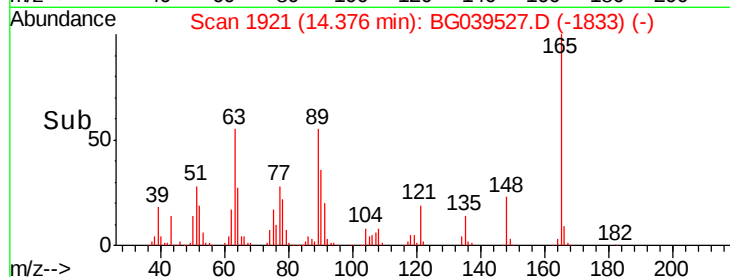
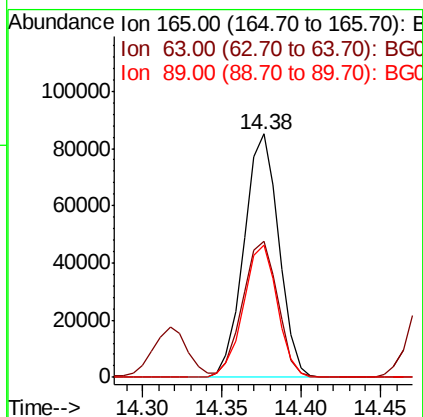
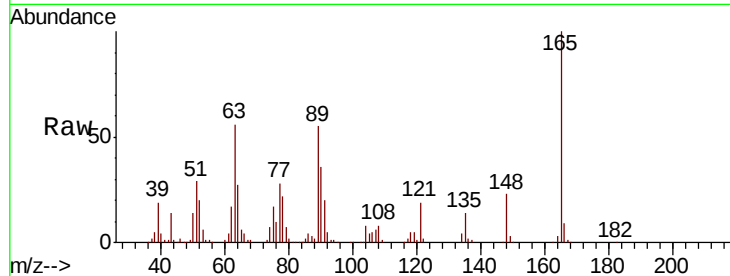




#51
 2,6-Dinitrotoluene
 Concen: 52.134 ng
 RT: 14.38 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

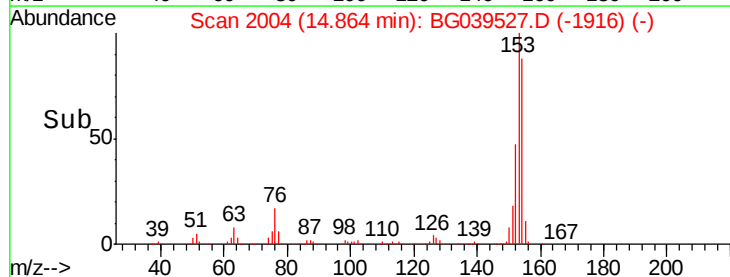
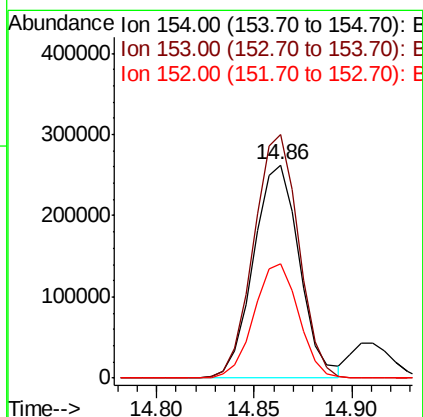
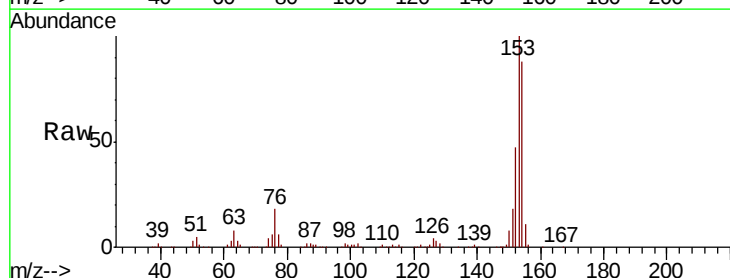
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Tgt Ion:165 Resp: 129515
 Ion Ratio Lower Upper
 165 100
 63 56.0 47.0 70.6
 89 54.5 45.8 68.8



#52
 Acenaphthene
 Concen: 42.889 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion:154 Resp: 427384
 Ion Ratio Lower Upper
 154 100
 153 114.1 90.1 135.1
 152 53.6 40.9 61.3





#53

3-Nitroaniline

Concen: 17.388 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

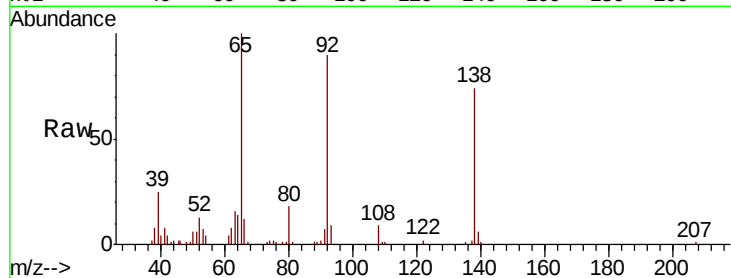
Tgt Ion:138 Resp: 34909

Ion Ratio Lower Upper

138 100

108 11.9 13.8 20.8#

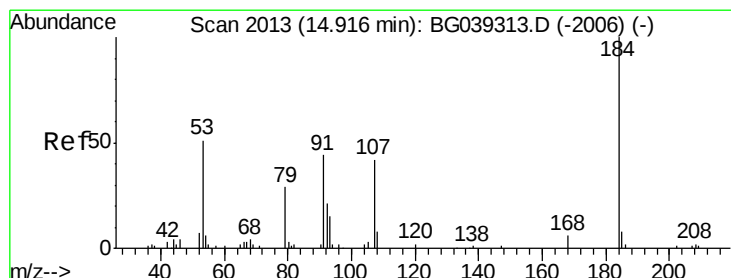
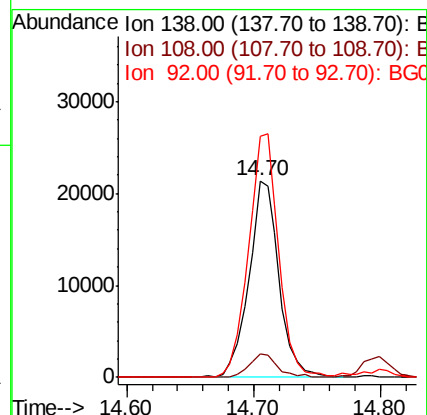
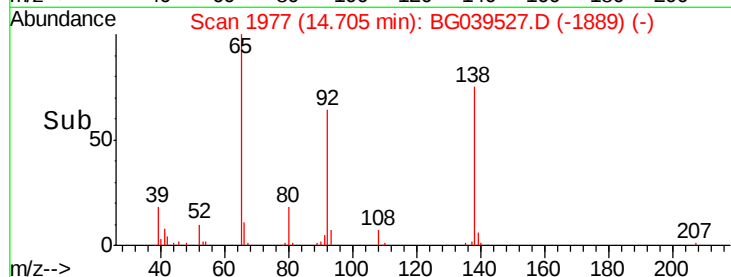
92 122.2 103.7 155.5



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: 94.761 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

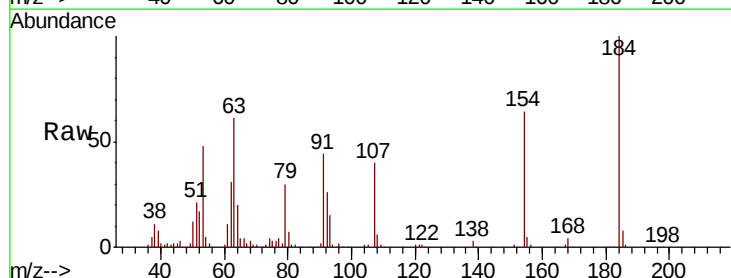
Tgt Ion:184 Resp: 112132

Ion Ratio Lower Upper

184 100

63 61.2 50.9 76.3

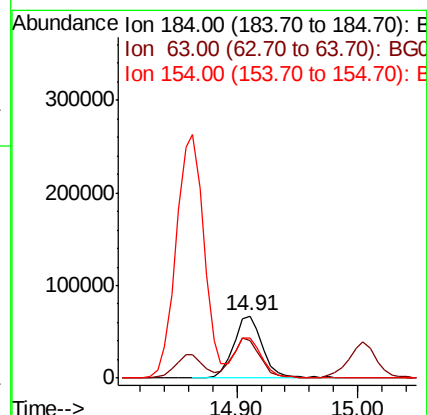
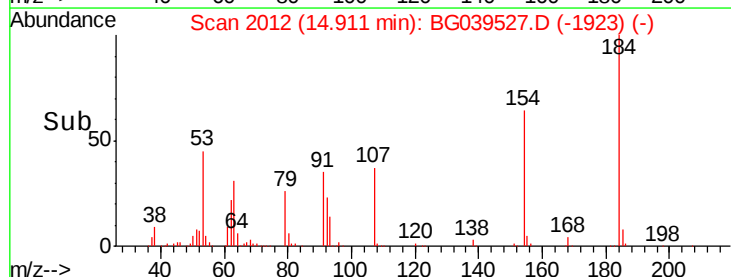
154 63.8 53.0 79.6



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

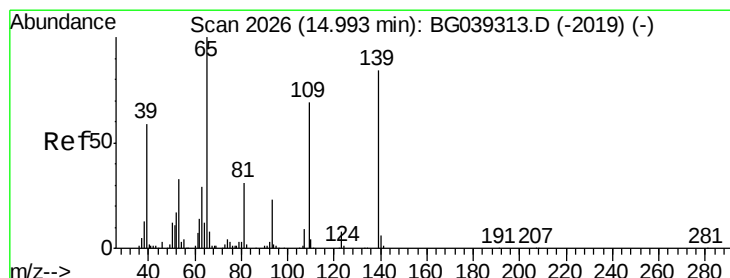
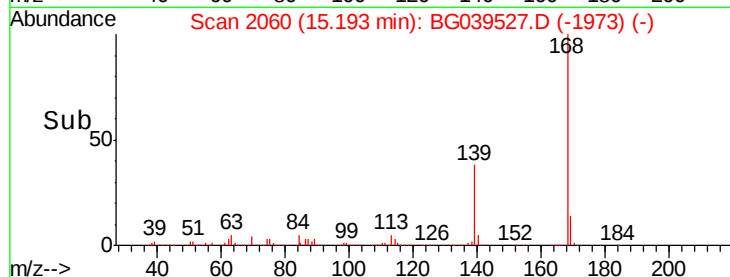
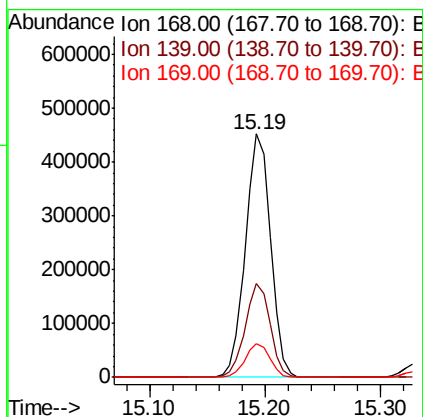
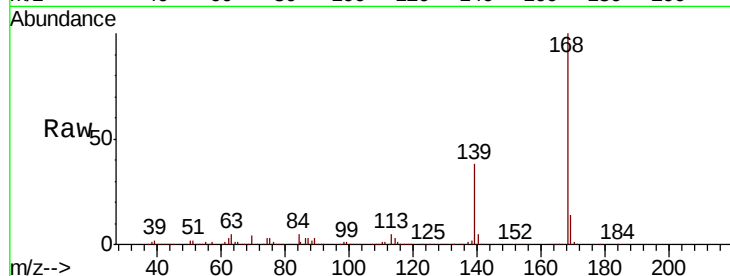




#55
Dibenzenofuran
Concen: 42.952 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

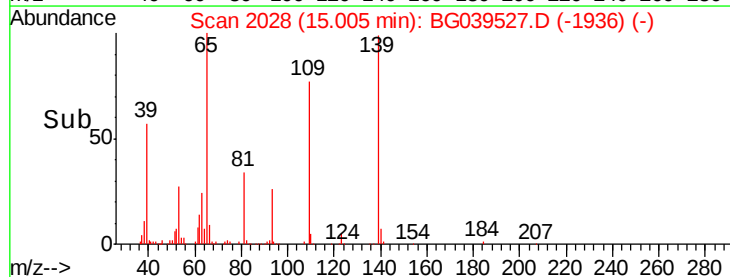
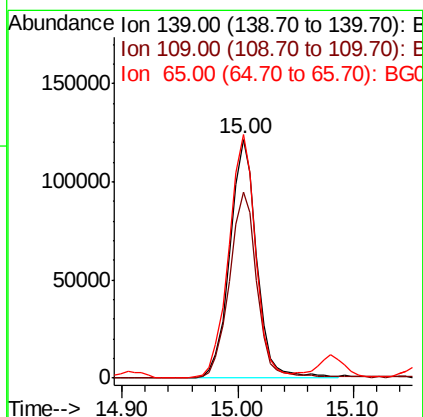
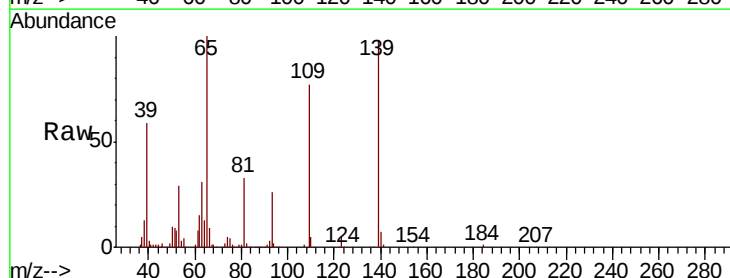
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	13.8	10.6	16.0



#56
4-Nitrophenol
Concen: 82.097 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.2	61.9	101.9
65	102.0	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 56.168 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

Tgt Ion:165 Resp: 181520

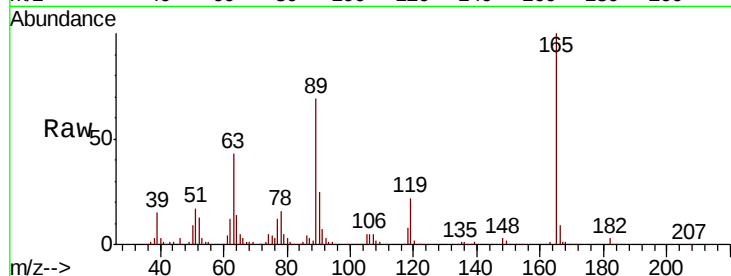
Ion Ratio Lower Upper

165 100

63 43.2 41.0 61.6

89 69.3 64.6 96.8

182 2.9 2.0 3.0

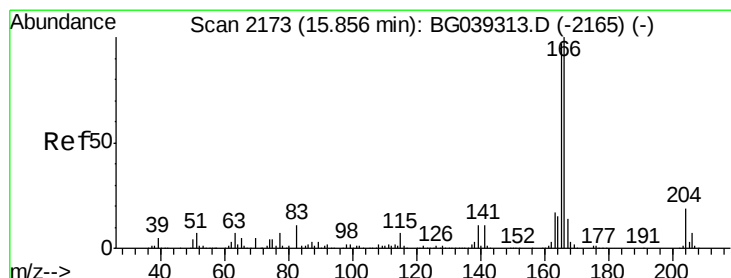
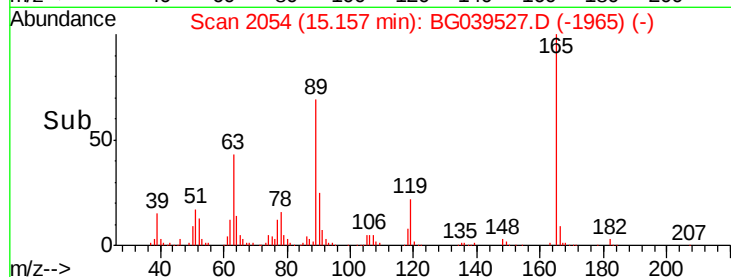
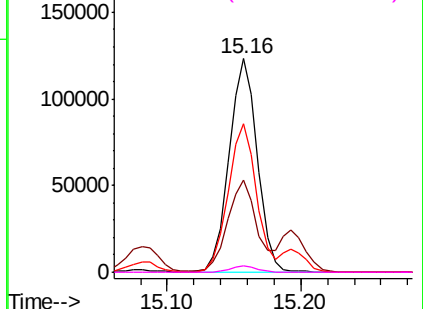


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.000 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

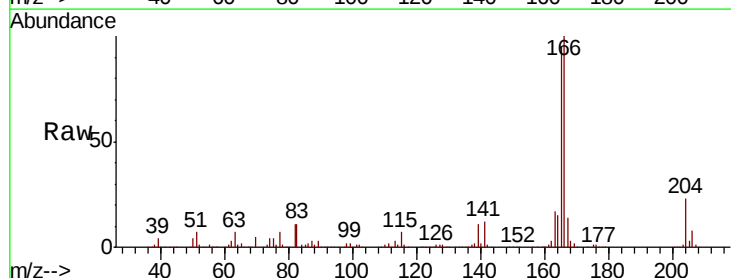
Tgt Ion:166 Resp: 547867

Ion Ratio Lower Upper

166 100

165 95.5 77.9 116.9

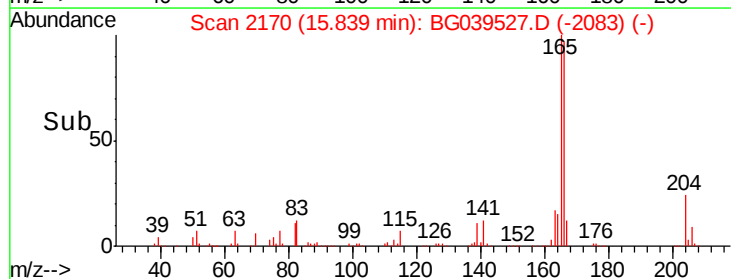
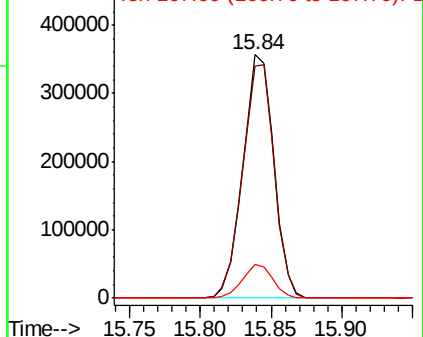
167 14.0 10.8 16.2



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

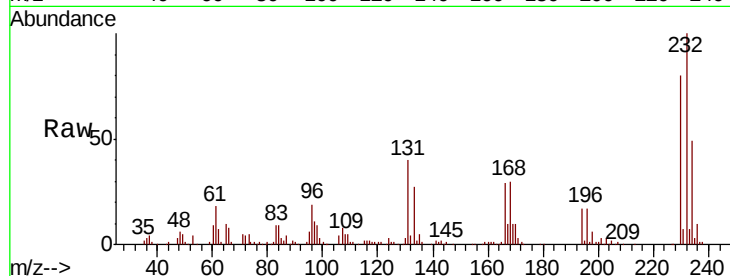




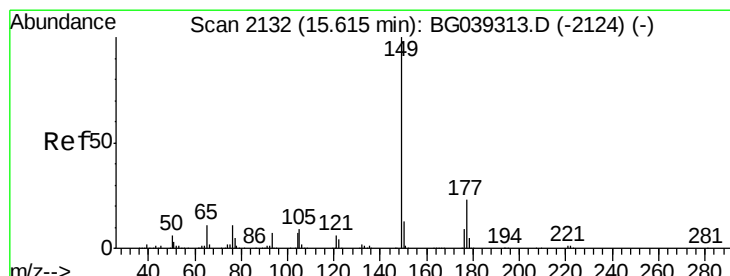
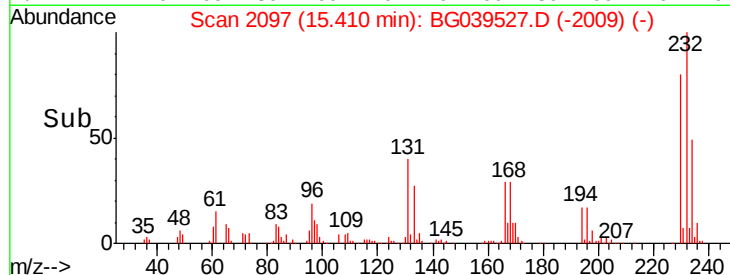
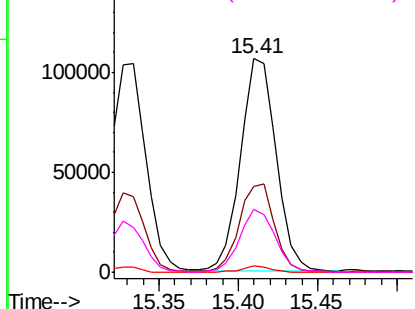
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.981 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Tgt Ion:	232	Resp:	165321
Ion	Ratio	Lower	Upper
232	100		
131	41.1	34.9	52.3
130	2.4	2.0	3.0
166	29.9	24.1	36.1

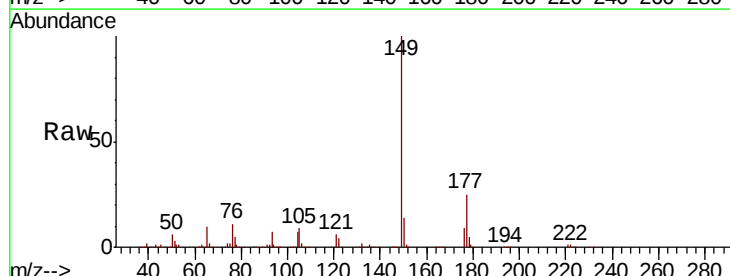


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

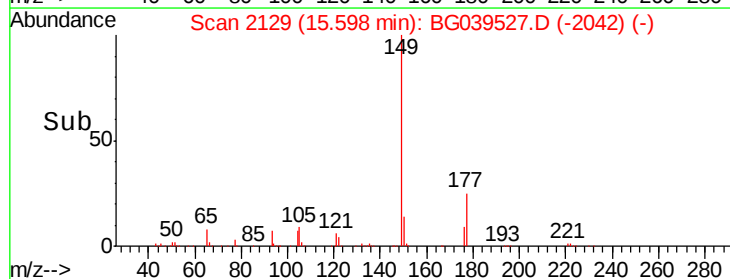
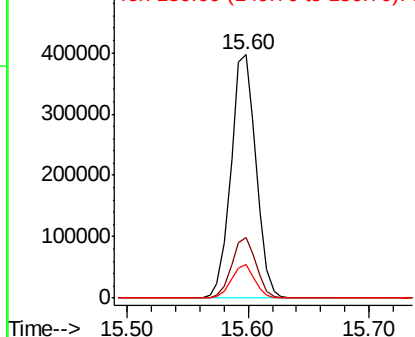


#60
 Diethylphthalate
 Concen: 42.035 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion:	149	Resp:	570531
Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.3	27.5
150	13.8	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

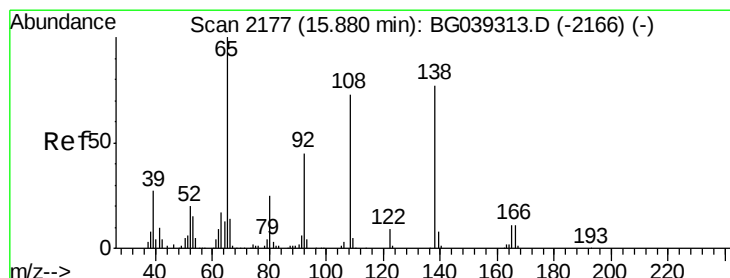
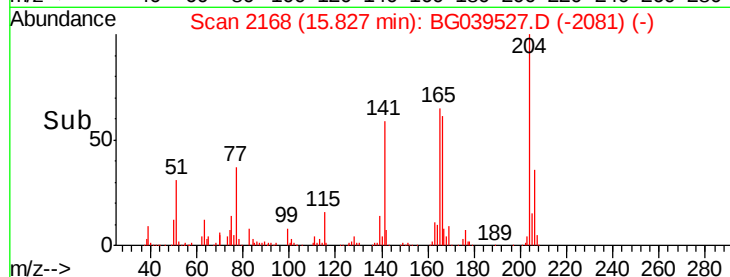
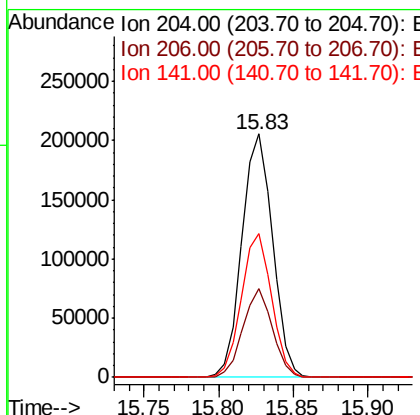
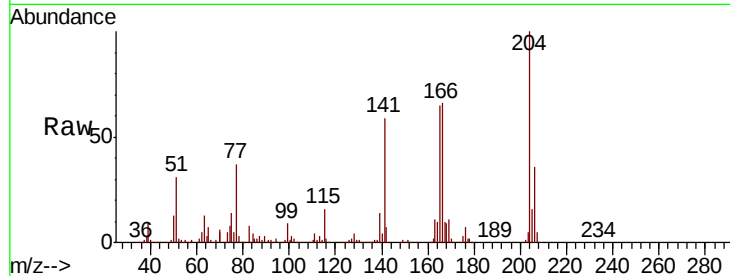




#61
 4-Chlorophenyl-phenylether
 Concen: 43.317 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

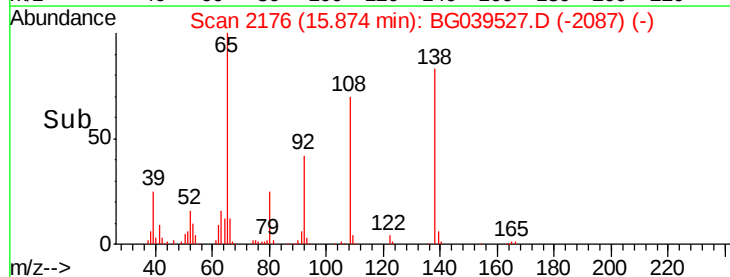
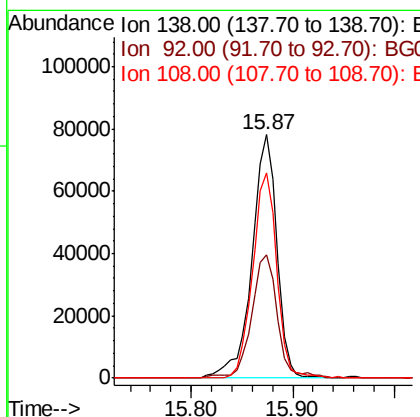
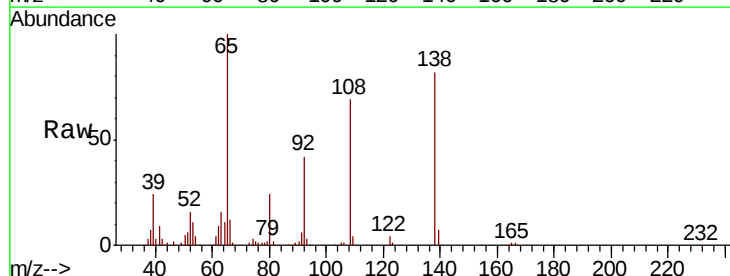
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Tgt Ion:	204	Resp:	292124
Ion	Ratio	Lower	Upper
204	100		
206	36.3	29.2	43.8
141	59.2	49.0	73.4



#62
 4-Nitroaniline
 Concen: 48.511 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion:	138	Resp:	133675
Ion	Ratio	Lower	Upper
138	100		
92	50.6	38.7	78.7
108	84.2	74.6	114.6





#63

Azobenzene

Concen: 39.494 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

Tgt Ion: 77 Resp: 523930

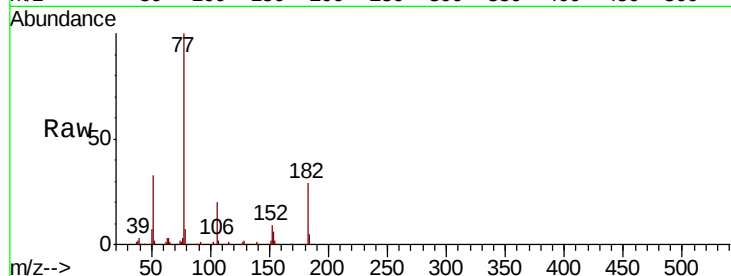
Ion Ratio Lower Upper

77 100

182 28.8 6.4 46.4

105 20.4 0.0 39.8

51 32.9 14.1 54.1

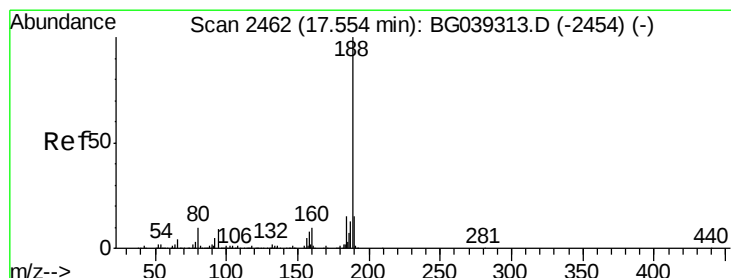
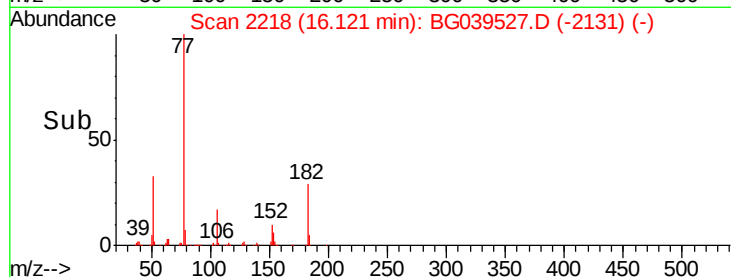
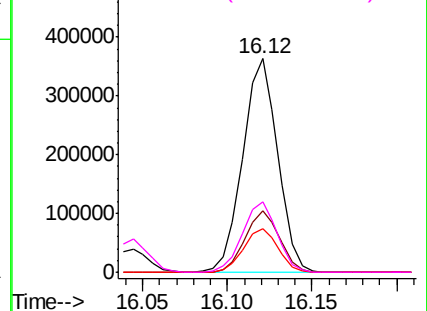


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039527.D

Acq: 15 Feb 2019 18:46

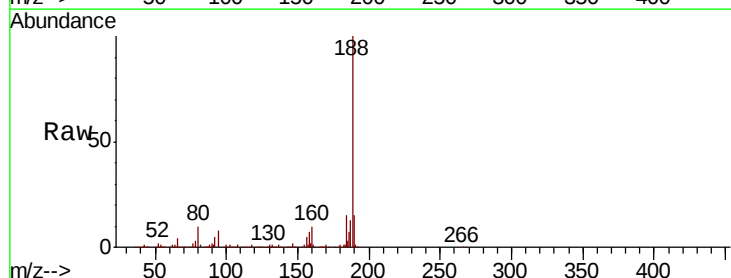
Tgt Ion: 188 Resp: 378328

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

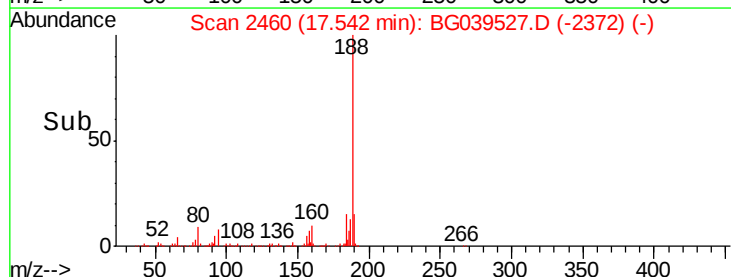
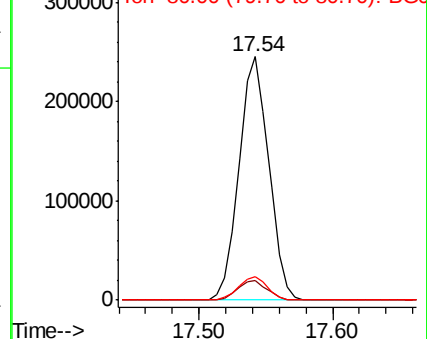
80 9.5 8.1 12.1

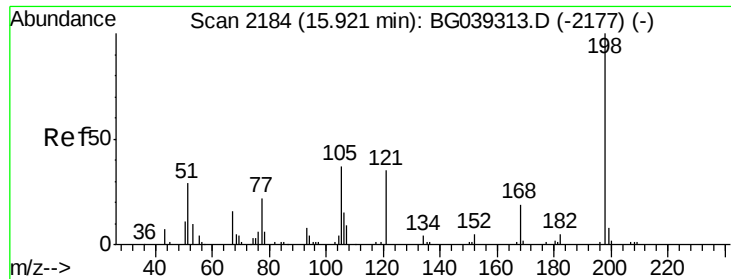


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 56.561 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

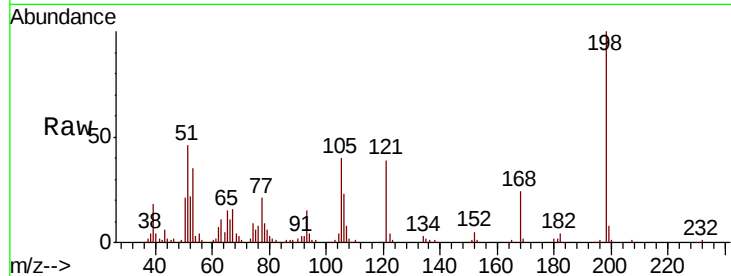
Tgt Ion:198 Resp: 90312

Ion Ratio Lower Upper

198 100

51 45.8 27.4 67.4

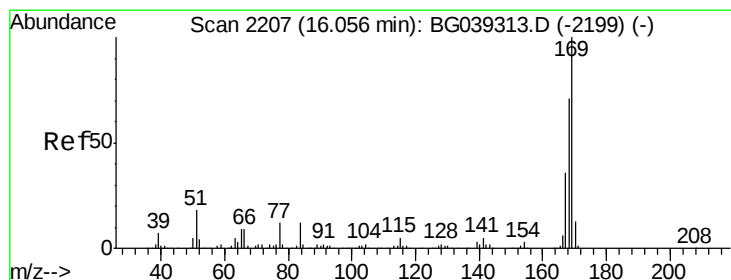
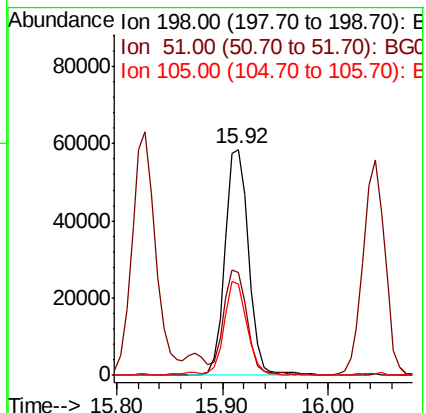
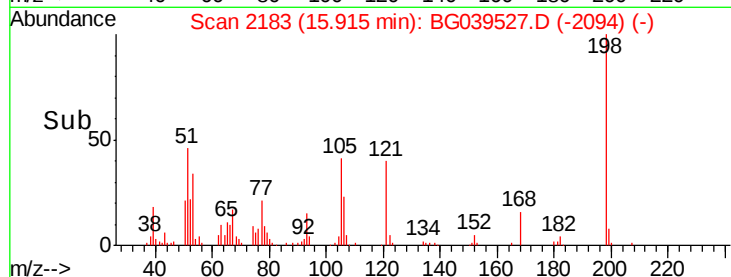
105 40.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.191 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

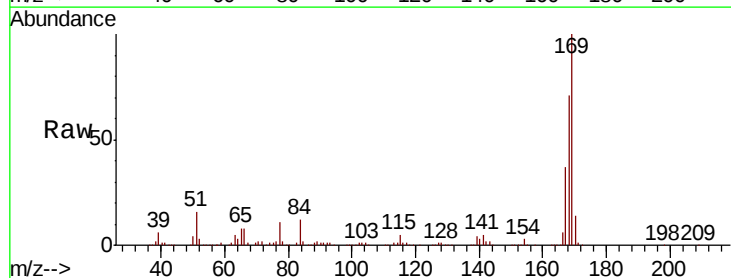
Tgt Ion:169 Resp: 496853

Ion Ratio Lower Upper

169 100

168 71.3 56.6 85.0

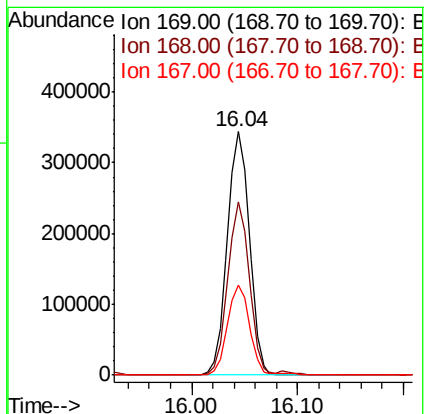
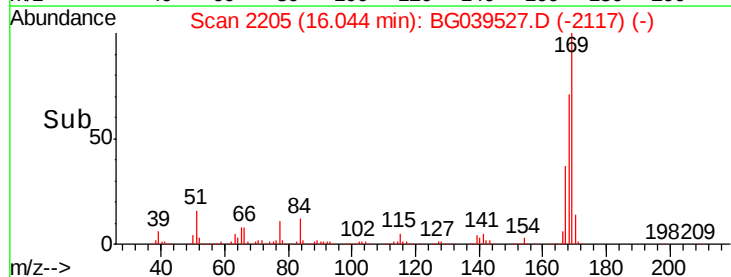
167 36.9 28.8 43.2

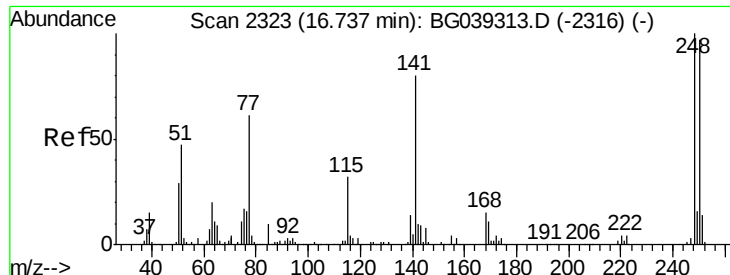


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

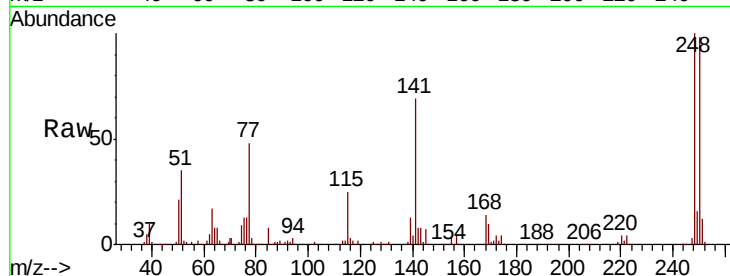




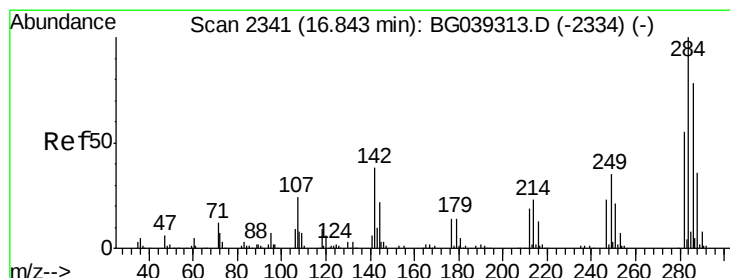
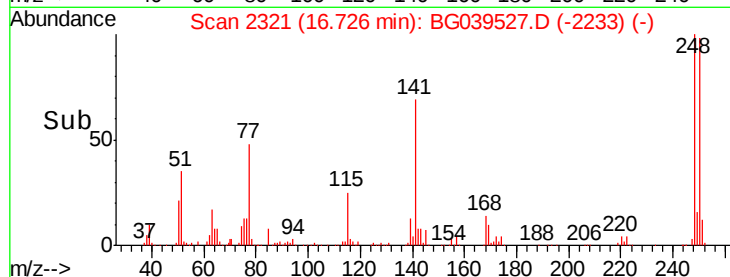
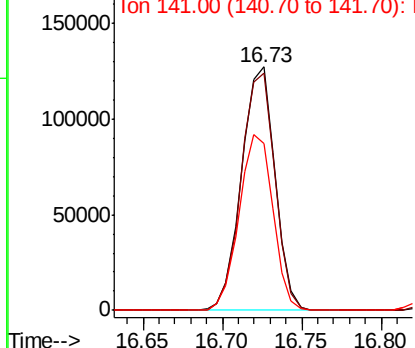
#67
 4-Bromophenyl-phenylether
 Concen: 44.447 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMS

Tgt Ion:248 Resp: 186551
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.6 116.4
 141 68.7 63.9 95.9

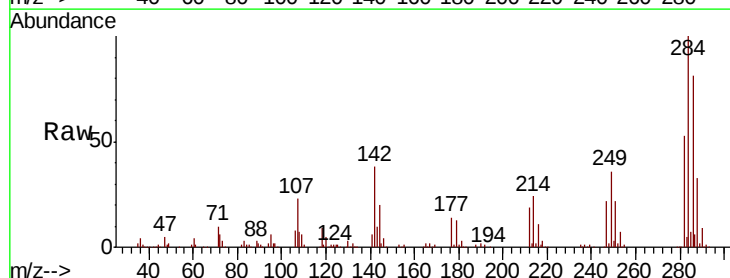


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

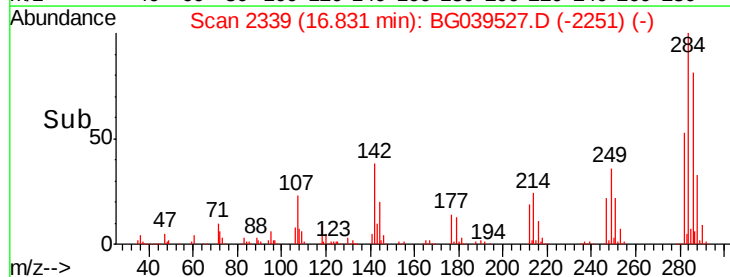
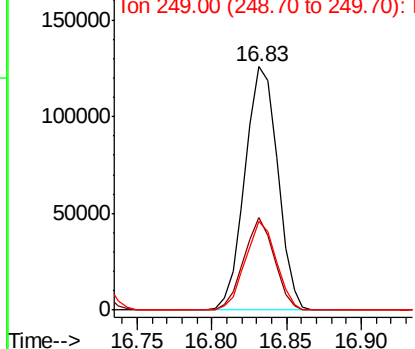


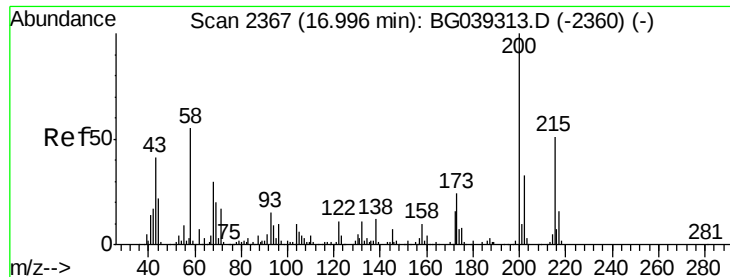
#68
 Hexachlorobenzene
 Concen: 45.448 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039527.D
 Acq: 15 Feb 2019 18:46

Tgt Ion:284 Resp: 191380
 Ion Ratio Lower Upper
 284 100
 142 37.8 30.6 45.8
 249 36.4 28.2 42.2



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





#69

Atrazine

Concen: 42.451 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

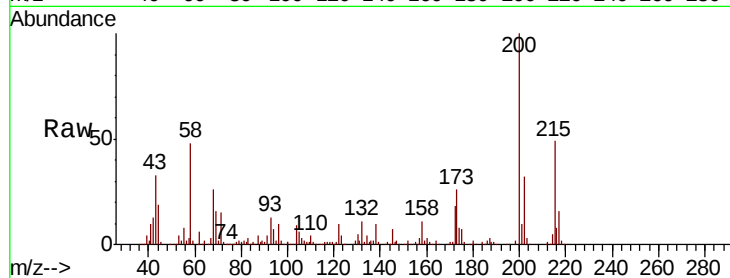
Tgt Ion:200 Resp: 178459

Ion Ratio Lower Upper

200 100

173 25.5 3.9 43.9

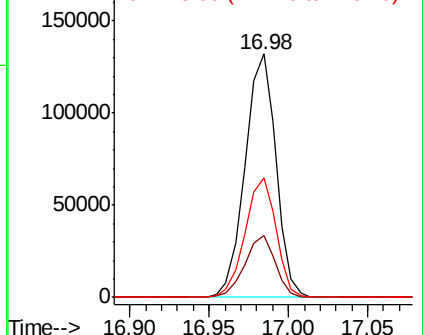
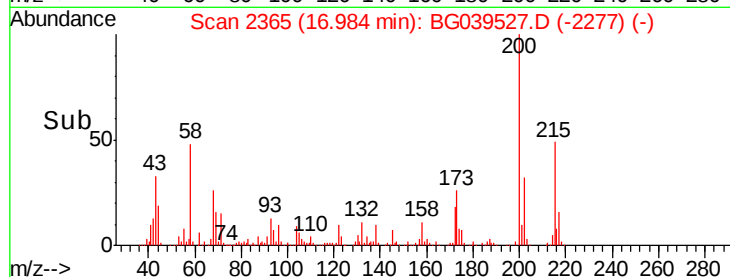
215 49.2 30.9 70.9



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: 83.447 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

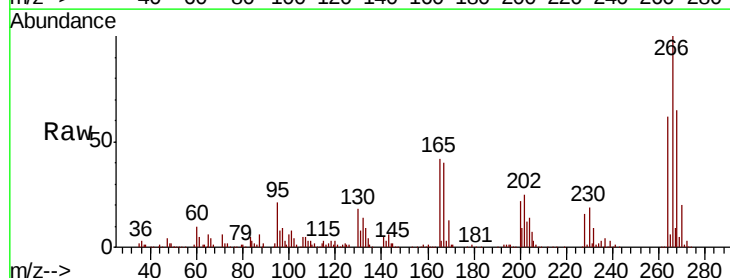
Tgt Ion:266 Resp: 244226

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

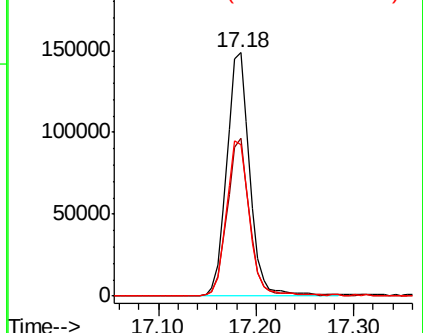
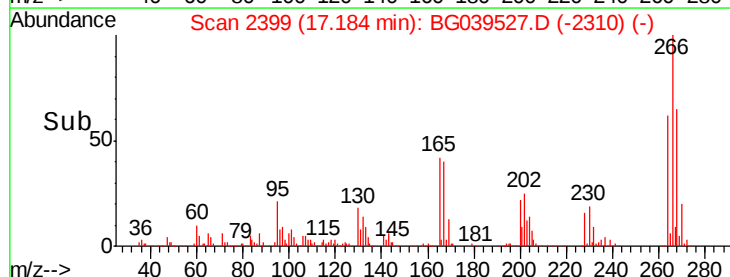
264 62.1 52.1 78.1



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

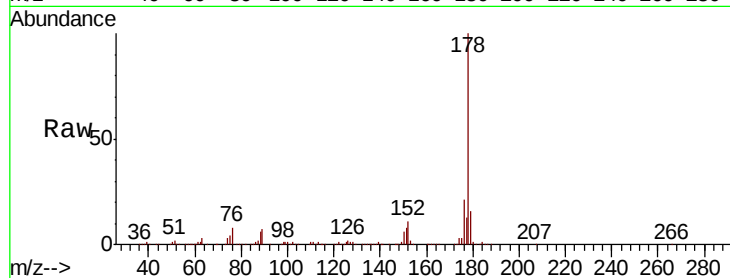




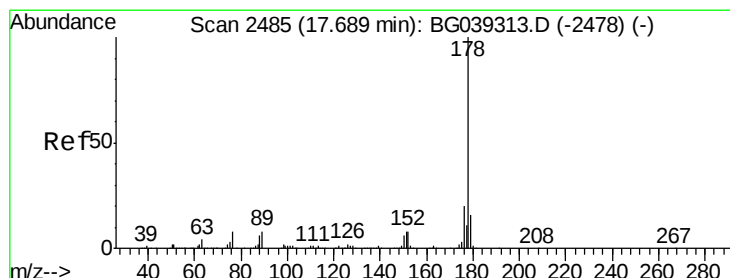
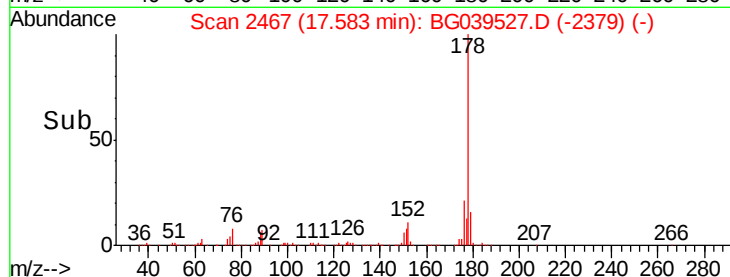
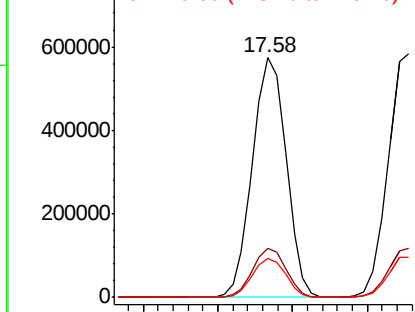
#71
Phenanthrene
Concen: 45.910 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

Tgt Ion:178 Resp: 898979
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.2 12.6 19.0

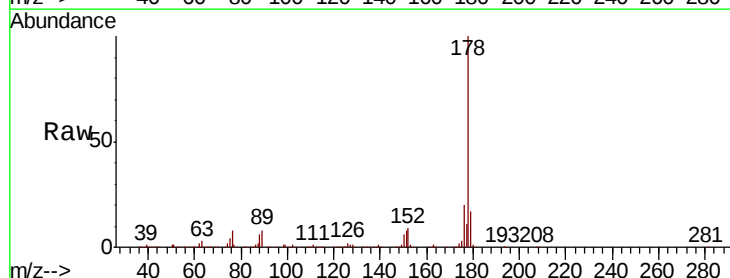


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

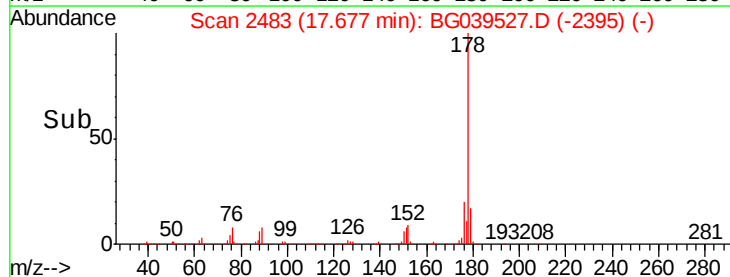
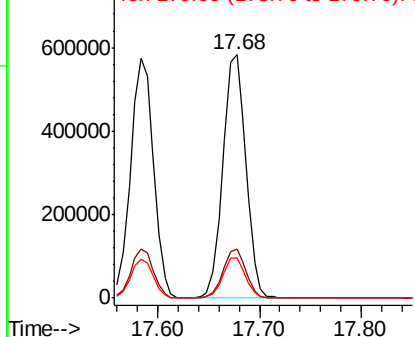


#72
Anthracene
Concen: 47.342 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion:178 Resp: 913108
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 16.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.275 ng

RT: 17.95 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

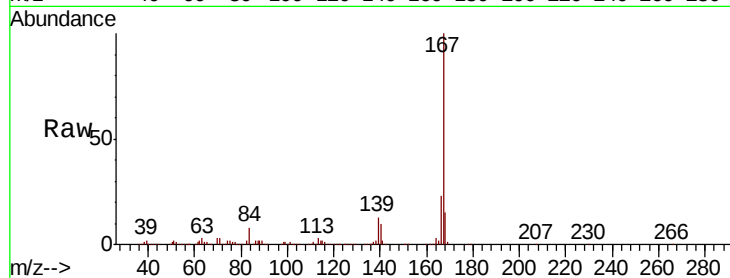
Tgt Ion:167 Resp: 813734

Ion Ratio Lower Upper

167 100

166 23.4 19.4 29.2

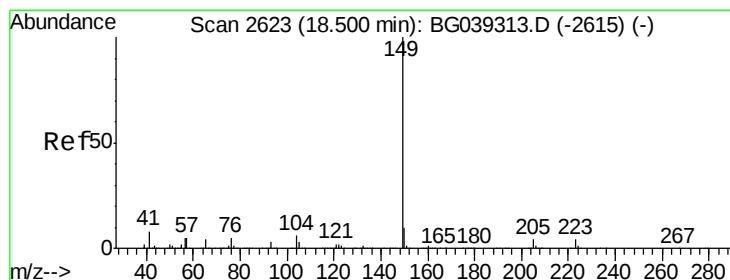
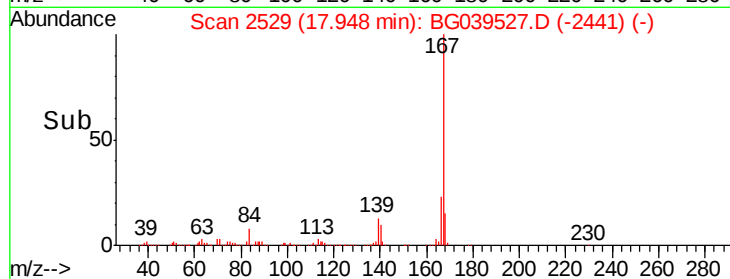
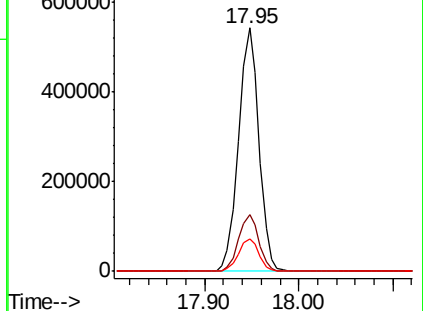
139 13.4 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.603 ng

RT: 18.48 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

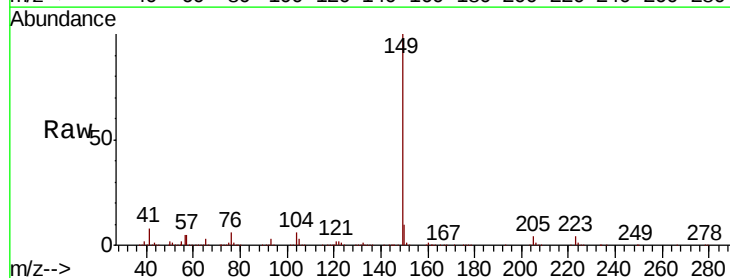
Tgt Ion:149 Resp: 979160

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

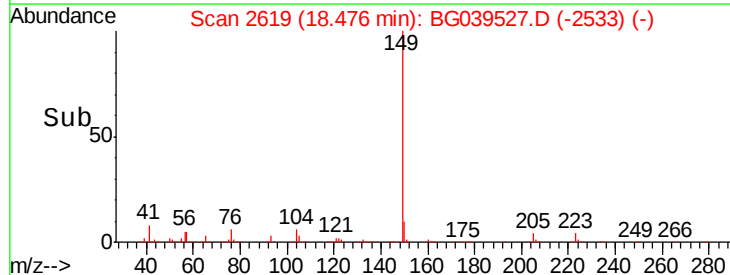
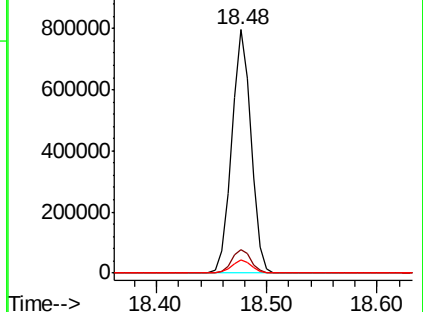
104 5.5 4.5 6.7

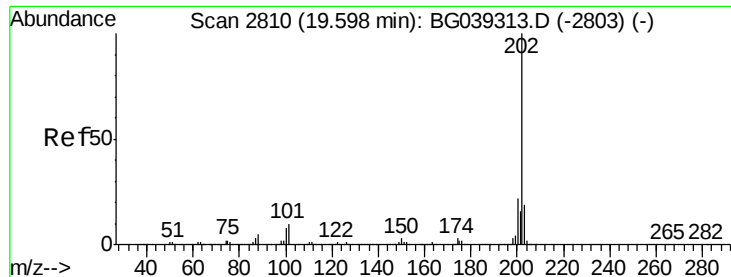


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.454 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

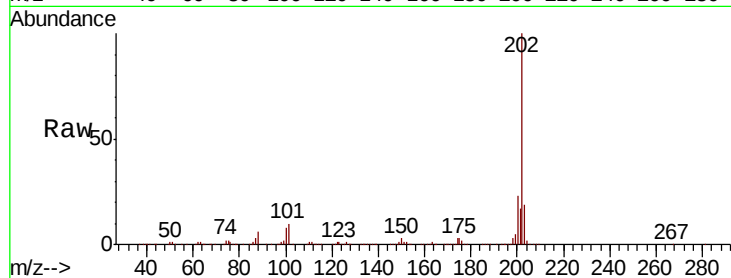
Tgt Ion:202 Resp: 1078523

Ion Ratio Lower Upper

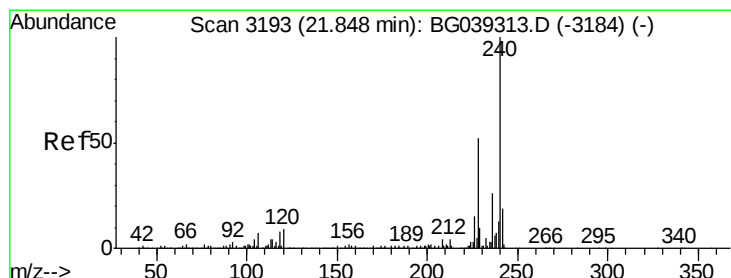
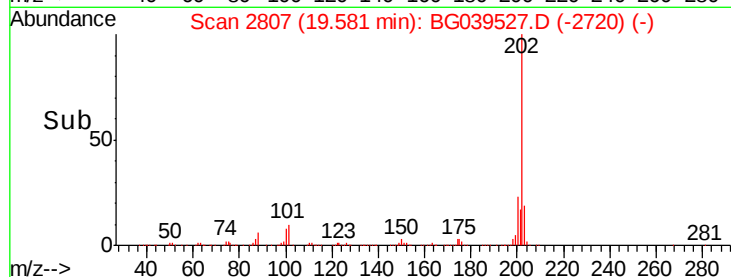
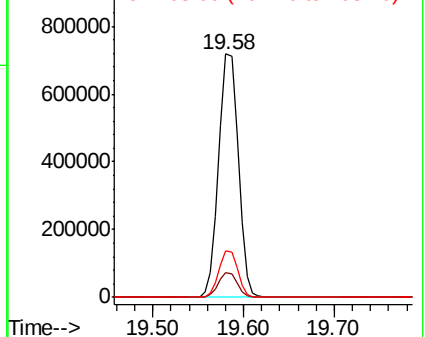
202 100

101 10.1 0.0 30.0

203 19.2 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: BG039527.D

Acq: 15 Feb 2019 18:46

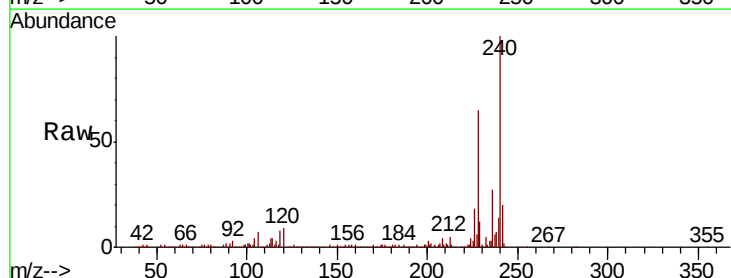
Tgt Ion:240 Resp: 393883

Ion Ratio Lower Upper

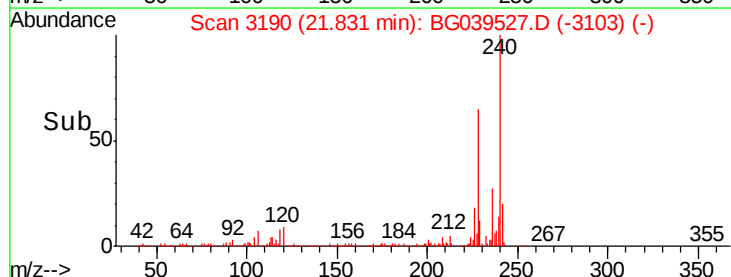
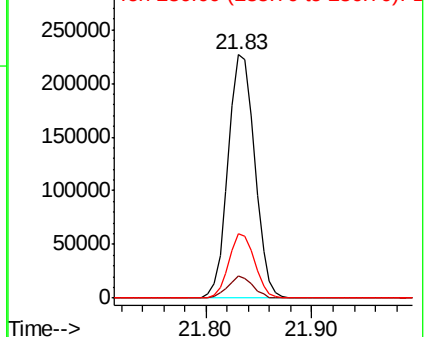
240 100

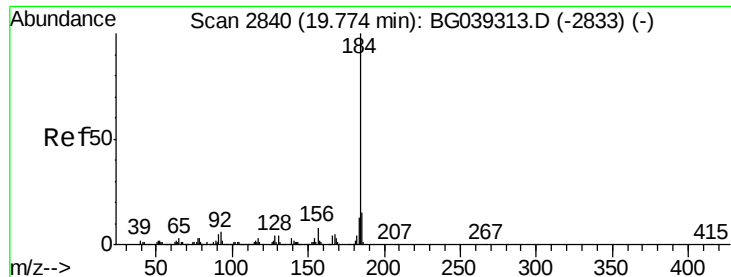
120 9.1 7.0 10.6

236 26.6 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: 13.041 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

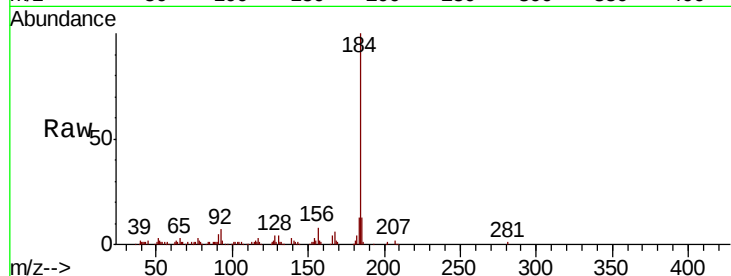
Tgt Ion:184 Resp: 168404

Ion Ratio Lower Upper

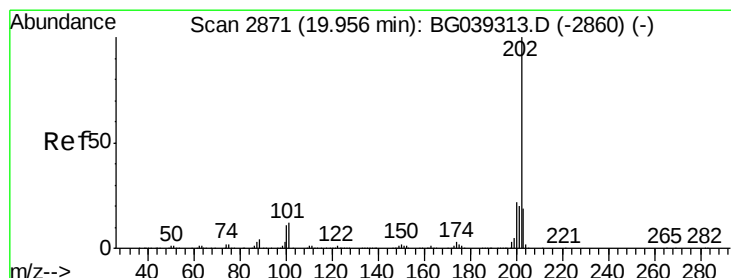
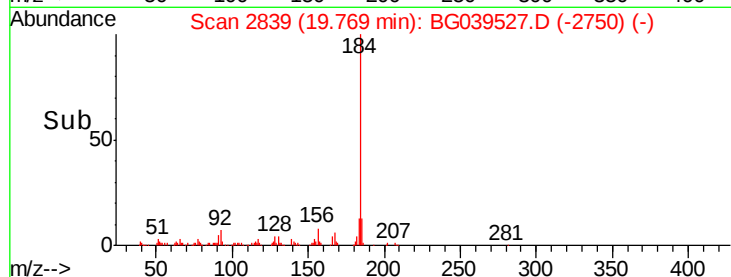
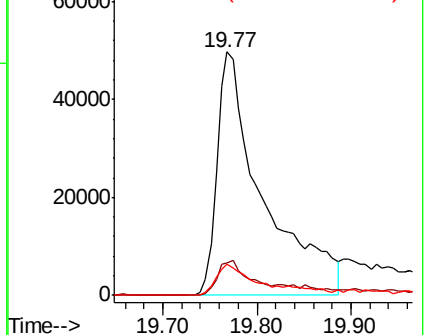
184 100

185 13.5 12.2 18.2

183 12.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.341 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

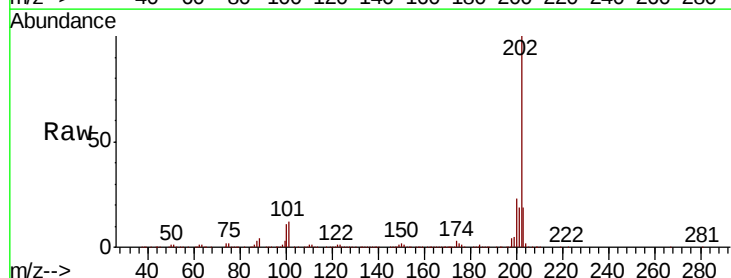
Tgt Ion:202 Resp: 1087255

Ion Ratio Lower Upper

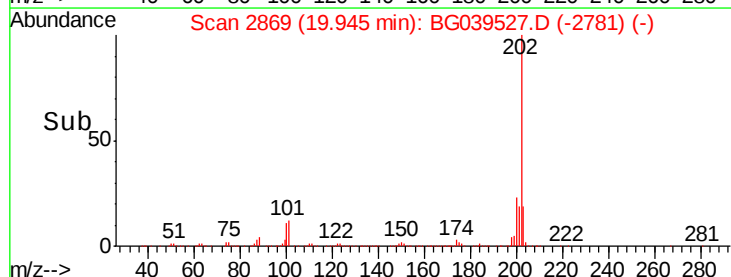
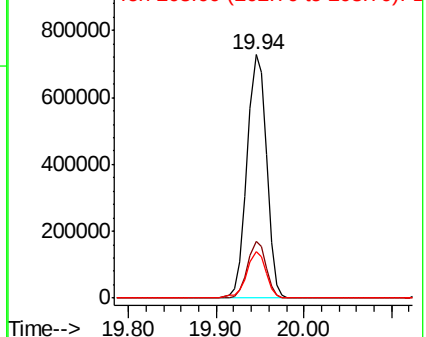
202 100

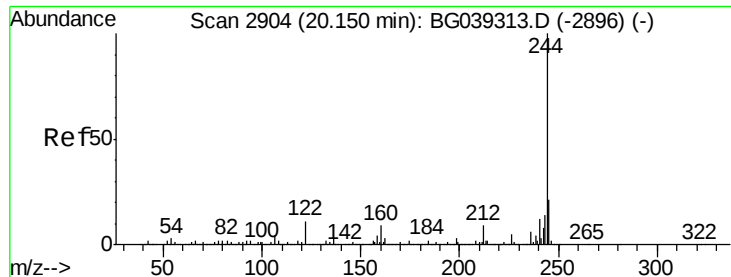
200 23.4 17.8 26.8

203 19.1 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: 79.740 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

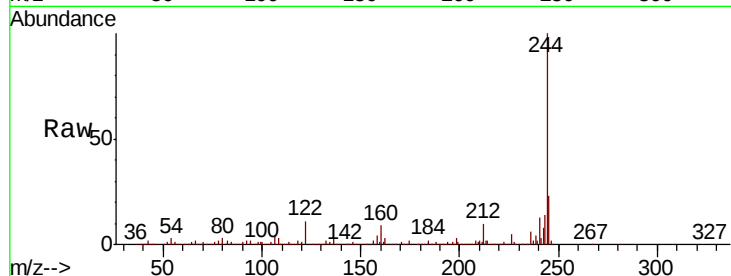
Tgt Ion:244 Resp: 1483843

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

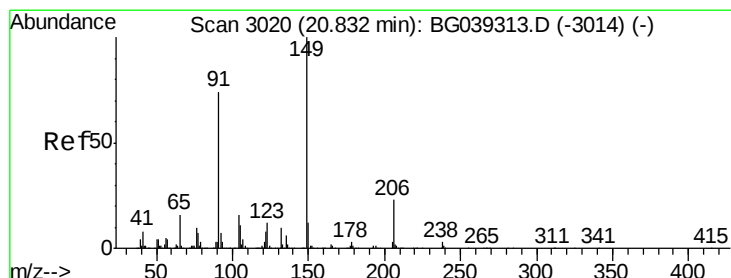
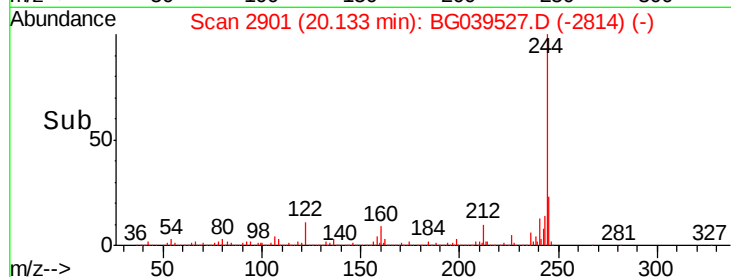
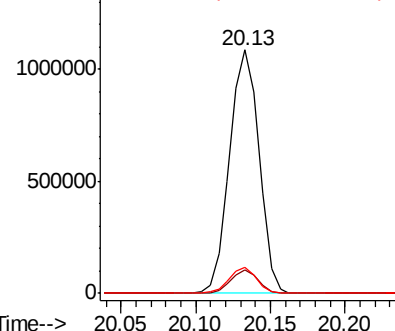
122 10.6 8.4 12.6



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: 45.682 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

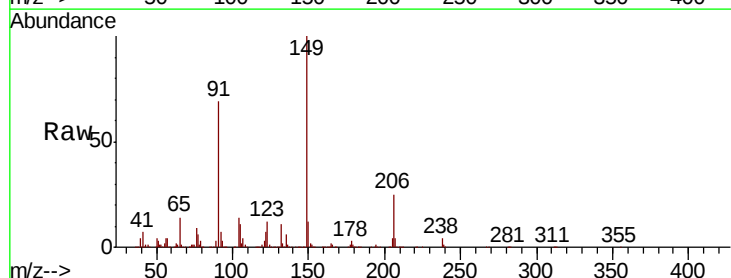
Tgt Ion:149 Resp: 472518

Ion Ratio Lower Upper

149 100

91 68.6 59.5 89.3

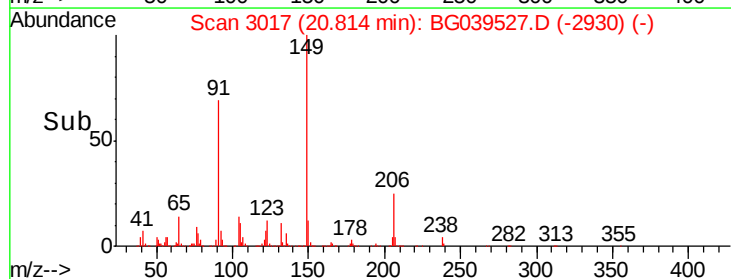
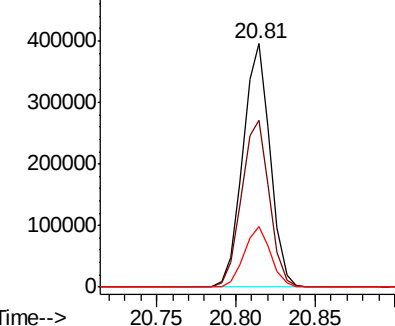
206 24.9 18.6 27.8

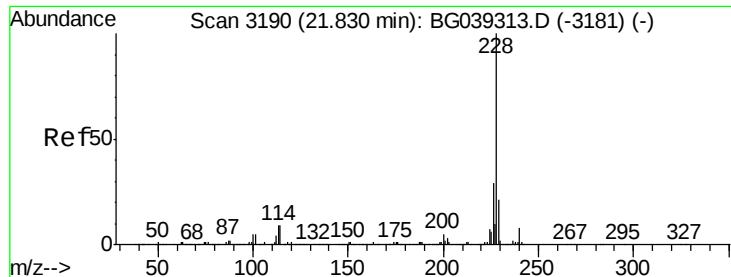


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.386 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

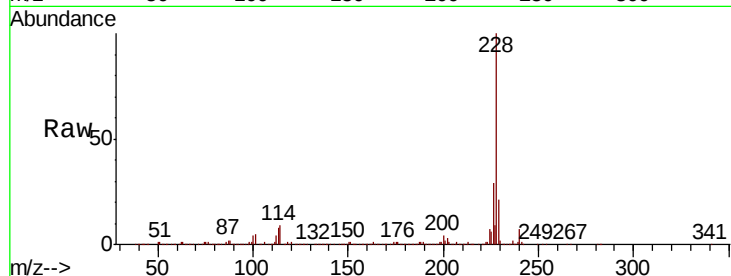
Tgt Ion:228 Resp: 1079601

Ion Ratio Lower Upper

228 100

226 29.3 23.0 34.6

229 21.2 16.9 25.3

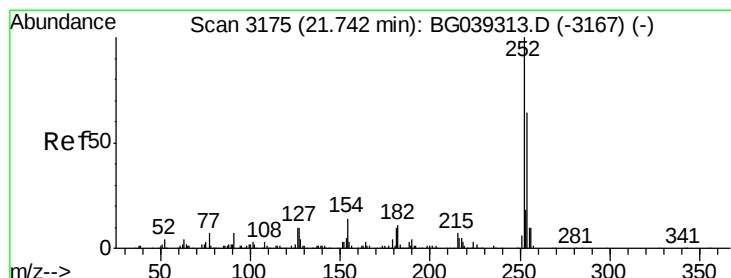
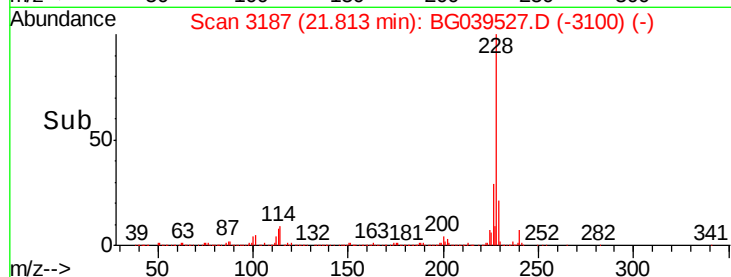
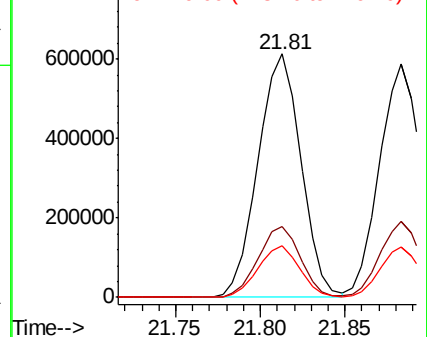


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.802 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

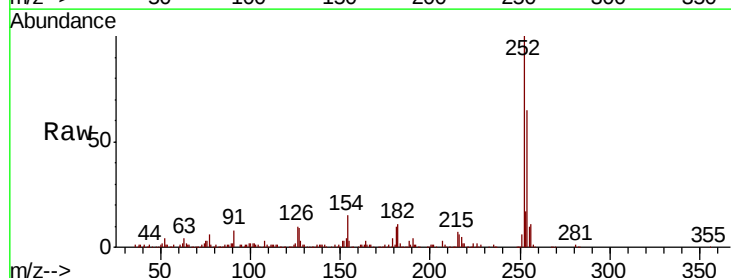
Tgt Ion:252 Resp: 205414

Ion Ratio Lower Upper

252 100

254 65.2 51.3 76.9

126 10.1 8.0 12.0

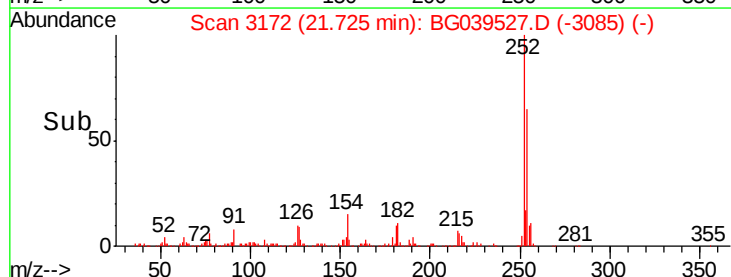
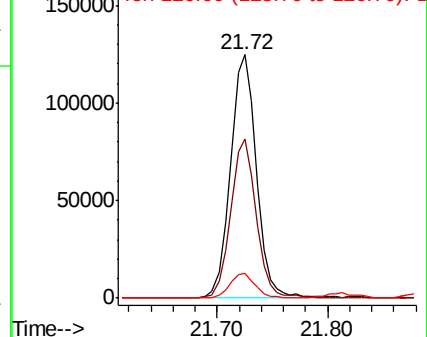


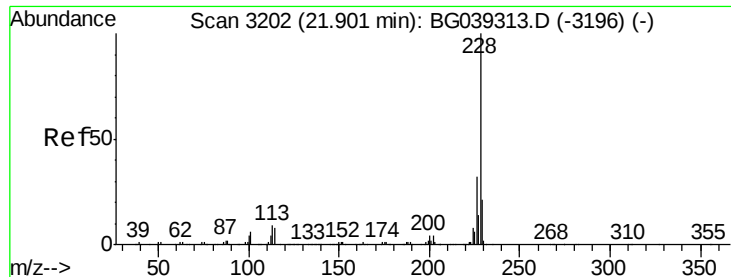
Abundance

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: 45.438 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

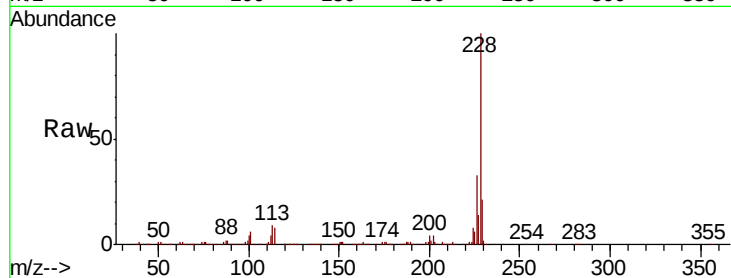
Tgt Ion:228 Resp: 1006699

Ion Ratio Lower Upper

228 100

226 32.5 25.8 38.6

229 21.4 16.6 25.0

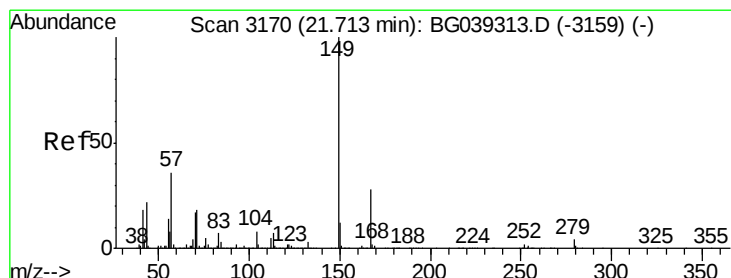
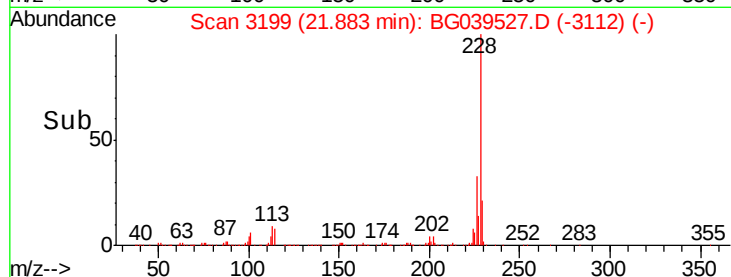
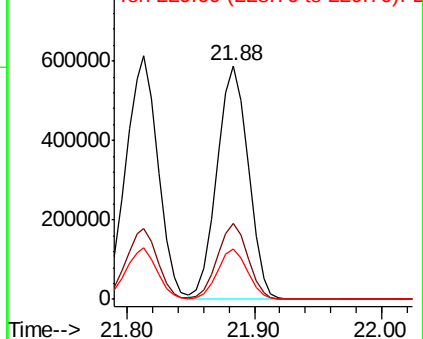


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.157 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.04 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

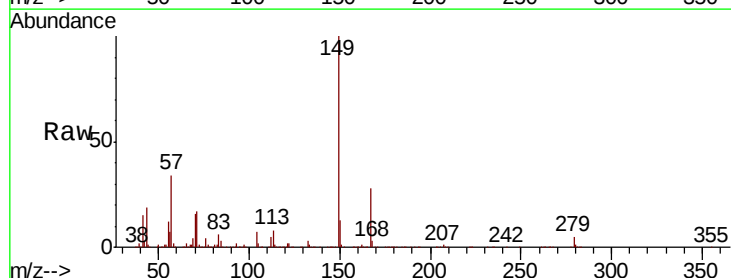
Tgt Ion:149 Resp: 651605

Ion Ratio Lower Upper

149 100

167 28.0 22.6 34.0

279 4.8 3.5 5.3

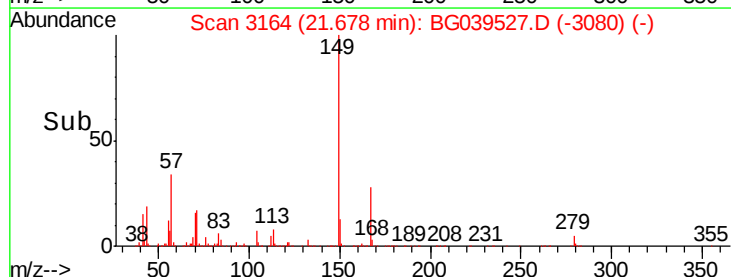
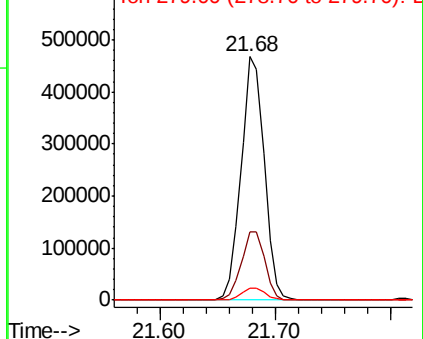


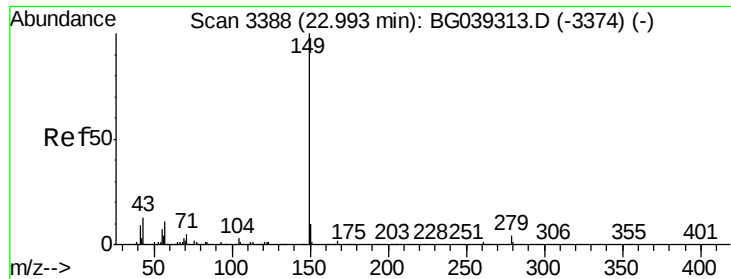
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.926 ng

RT: 22.95 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

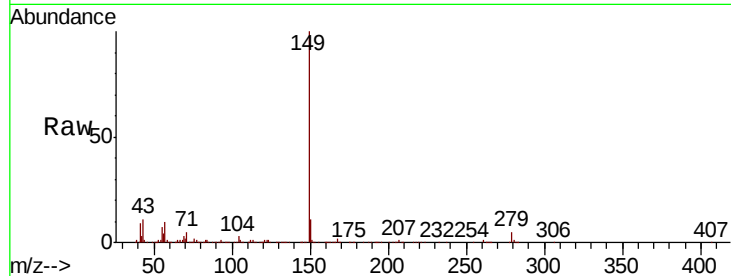
Tgt Ion:149 Resp: 1119643

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

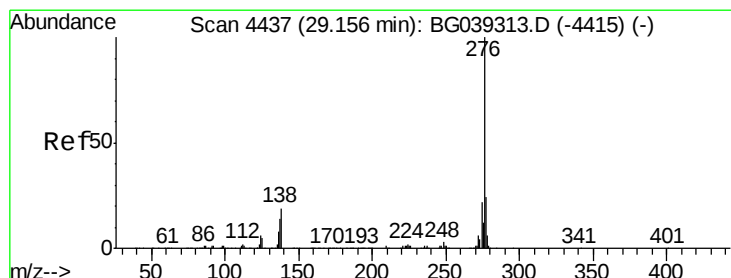
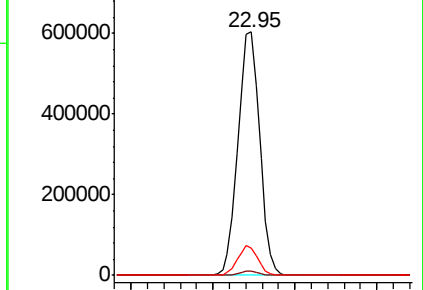
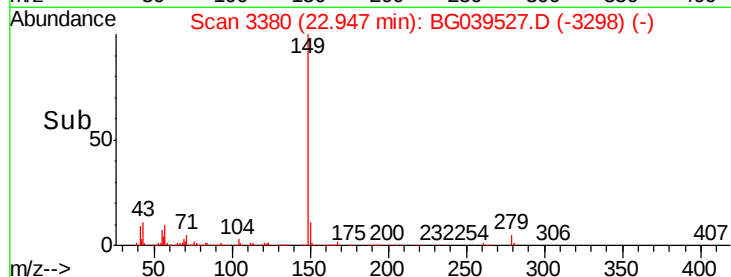
43 11.2 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.318 ng

RT: 29.11 min Scan# 4430

Delta R.T. -0.04 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

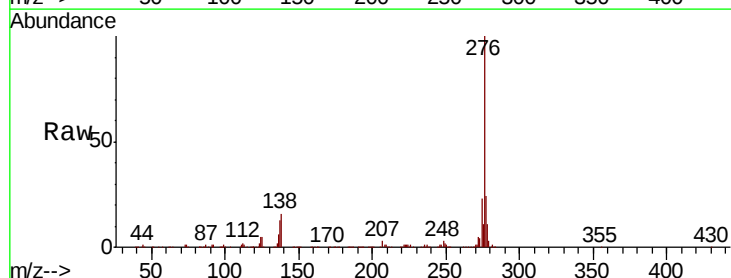
Tgt Ion:276 Resp: 1196108

Ion Ratio Lower Upper

276 100

138 12.6 12.6 19.0#

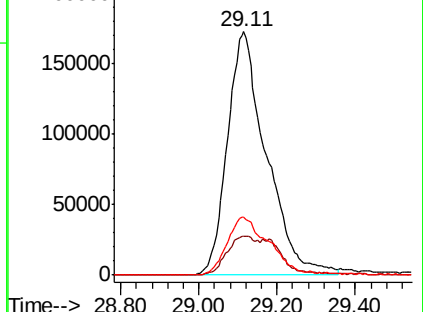
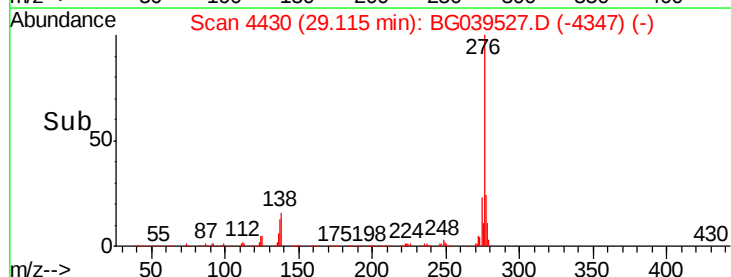
277 25.2 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

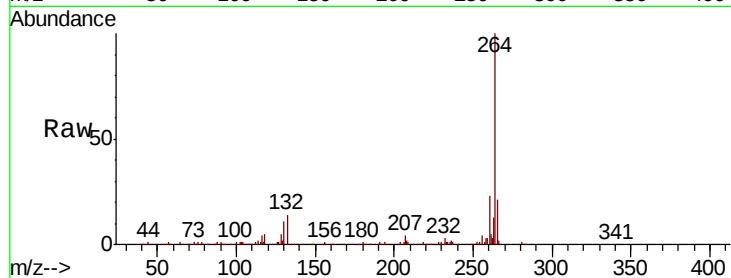
Tgt Ion:264 Resp: 405389

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

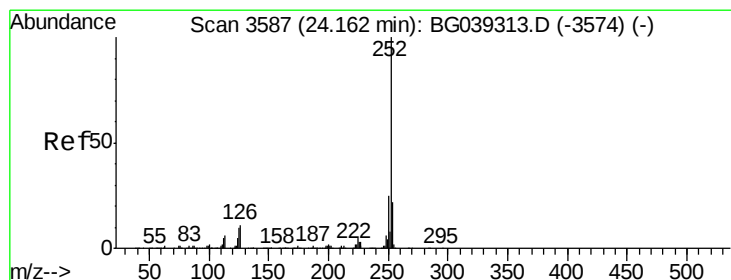
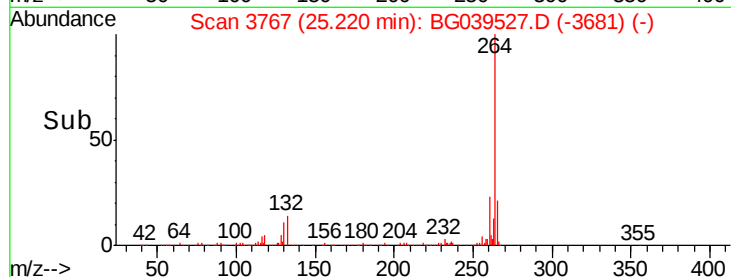
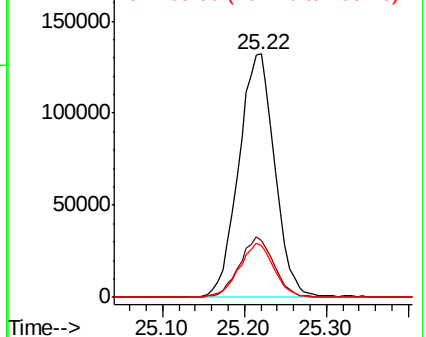
265 21.3 18.5 27.7



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: 47.680 ng

RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

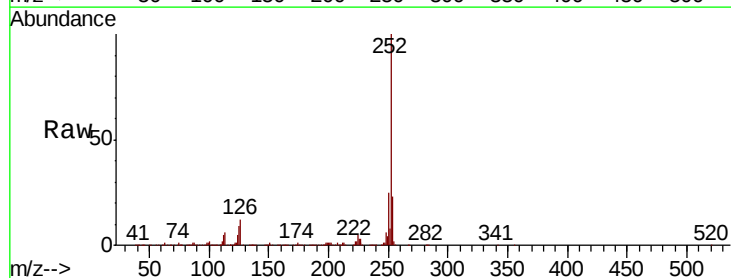
Tgt Ion:252 Resp: 1054122

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

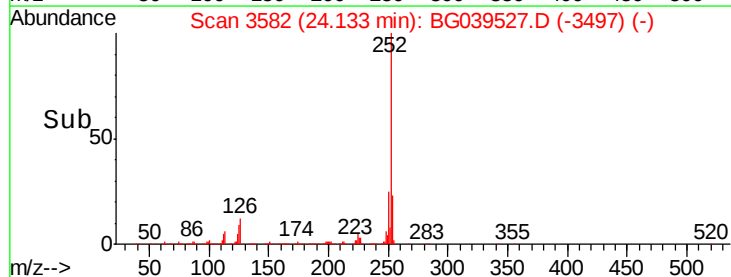
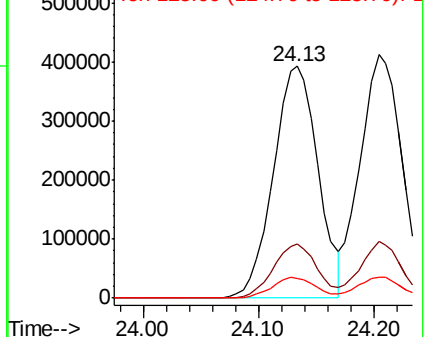
125 8.6 7.8 11.6



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

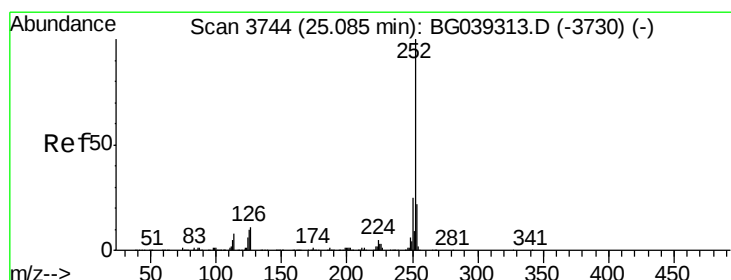
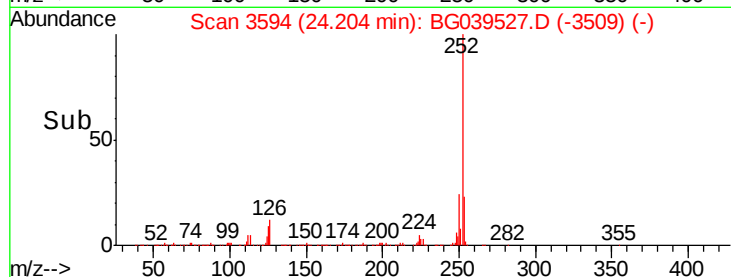
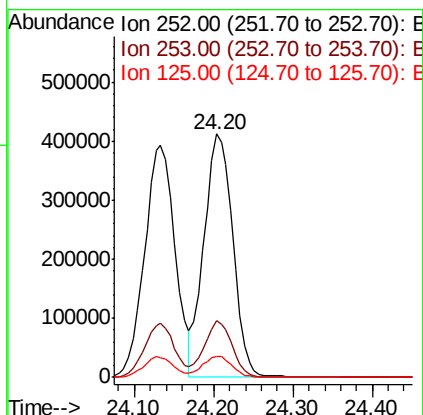
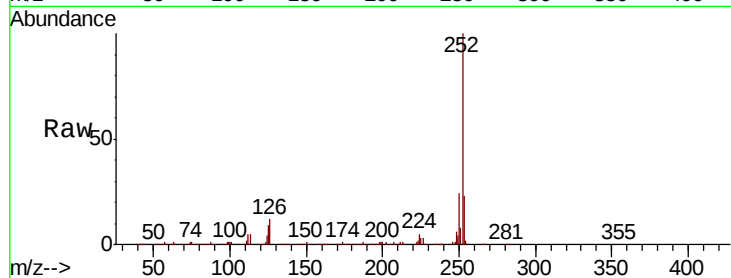




#89
Benzo(k)fluoranthene
Concen: 46.827 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

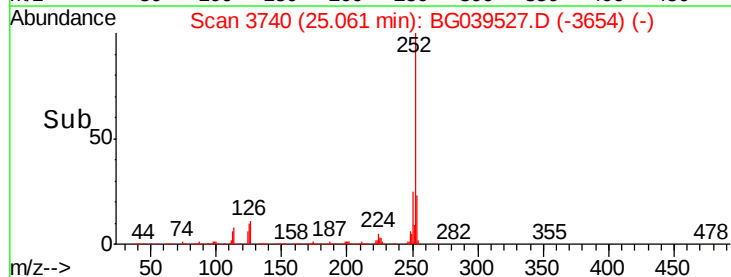
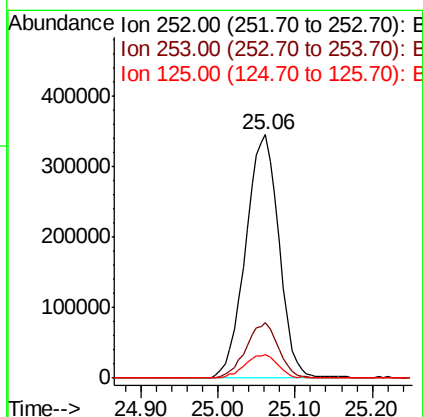
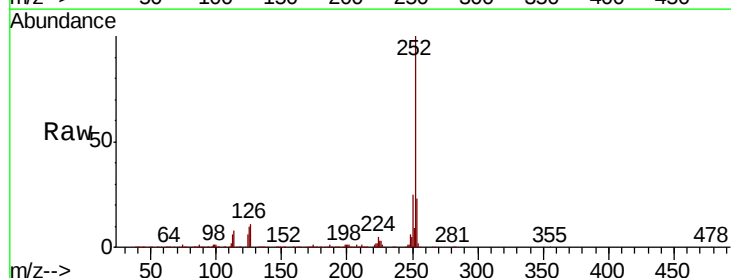
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMS

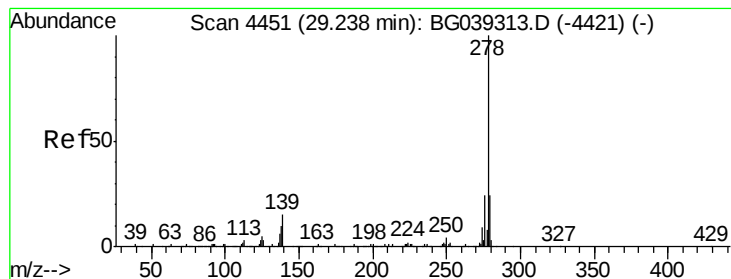
Tgt Ion:252 Resp: 1039373
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 8.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 49.040 ng
RT: 25.06 min Scan# 3740
Delta R.T. -0.02 min
Lab File: BG039527.D
Acq: 15 Feb 2019 18:46

Tgt Ion:252 Resp: 1044158
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 9.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 48.598 ng

RT: 29.19 min Scan# 4442

Delta R.T. -0.05 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMS

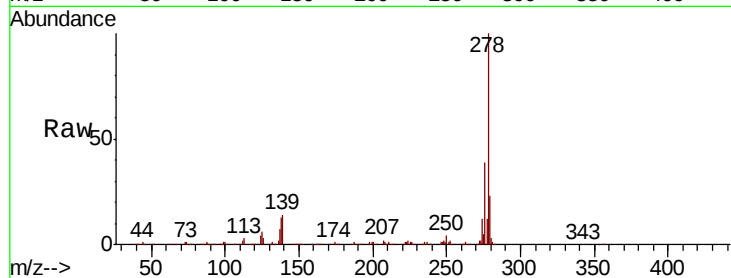
Tgt Ion:278 Resp: 969036

Ion Ratio Lower Upper

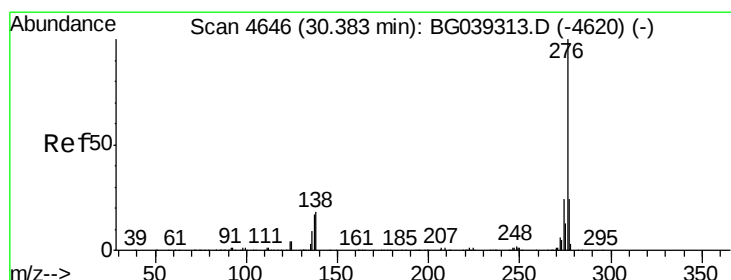
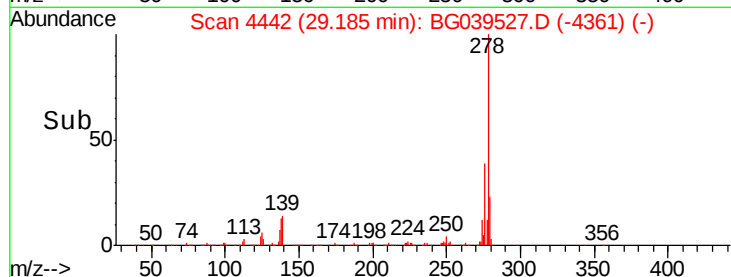
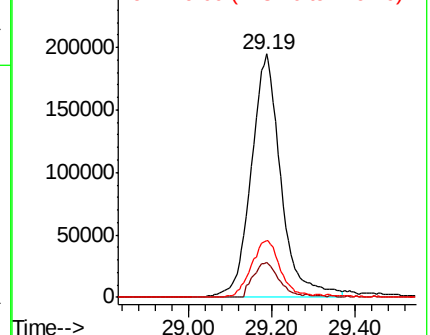
278 100

139 14.4 11.7 17.5

279 23.5 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: 48.875 ng

RT: 30.34 min Scan# 4638

Delta R.T. -0.05 min

Lab File: BG039527.D

Acq: 15 Feb 2019 18:46

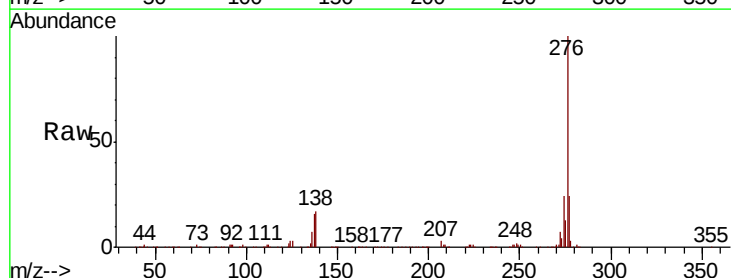
Tgt Ion:276 Resp: 971365

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 17.5 14.7 22.1



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

