

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021519\
 Data File : BG039528.D
 Acq On : 15 Feb 2019 19:25
 Operator : JU/SJ
 Sample : K1346-08MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 16 03:19:59 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	54065	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	241089	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	168087	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	389841	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	393950	20.00	ng	-0.01
87) Perylene-d12	25.22	264	403097	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	455364	144.15	ng	0.00
7) Phenol-d6	7.32	99	618075	132.92	ng	0.00
23) Nitrobenzene-d5	9.35	82	436490	113.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	284702	157.29	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1047372	89.39	ng	-0.01
79) Terphenyl-d14	20.13	244	1584069	85.11	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	50297	36.400	ng	# 31
3) Pyridine	4.02	79	129423	35.377	ng	96
4) n-Nitrosodimethylamine	3.93	42	81264	44.416	ng	# 93
6) Aniline	7.50	93	76577	13.148	ng	98
8) 2-Chlorophenol	7.74	128	182305	52.796	ng	95
9) Benzaldehyde	7.31	77	151380	Below Cal		95
10) Phenol	7.35	94	215402	44.439	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	173180	45.216	ng	97
12) 1,3-Dichlorobenzene	8.06	146	182449	43.617	ng	98
13) 1,4-Dichlorobenzene	8.21	146	187151	44.888	ng	100
14) 1,2-Dichlorobenzene	8.53	146	181483	44.964	ng	98
15) Benzyl Alcohol	8.41	79	181686	49.770	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	336219	38.872	ng	99
17) 2-Methylphenol	8.61	107	159960	50.997	ng	97
18) Hexachloroethane	9.26	117	65034	45.339	ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	149382	45.264	ng	# 94
20) 3+4-Methylphenols	8.93	107	217377	50.326	ng	98
22) Acetophenone	9.00	105	280840	43.366	ng	95
24) Nitrobenzene	9.39	77	220705	52.937	ng	98
25) Isophorone	9.91	82	429716	50.248	ng	97
26) 2-Nitrophenol	10.10	139	109500	61.445	ng	98
27) 2,4-Dimethylphenol	10.14	122	196141	56.697	ng	96
28) bis(2-Chloroethoxy)methane	10.39	93	254356	48.288	ng	97
29) 2,4-Dichlorophenol	10.64	162	212165	56.114	ng	93
30) 1,2,4-Trichlorobenzene	10.85	180	200732	47.288	ng	99
31) Naphthalene	11.04	128	590677	49.387	ng	98
32) Benzoic acid	10.24	122	70494	34.291	ng	97
33) 4-Chloroaniline	11.16	127	12678	2.286	ng	# 89
34) Hexachlorobutadiene	11.31	225	127475	45.156	ng	94
35) Caprolactam	11.94	113	53401	34.131	ng	92
36) 4-Chloro-3-methylphenol	12.26	107	228180	52.183	ng	97
37) 2-Methylnaphthalene	12.64	142	447384	50.504	ng	98
38) 1-Methylnaphthalene	12.85	142	430137	50.373	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	245493	45.903	ng	99

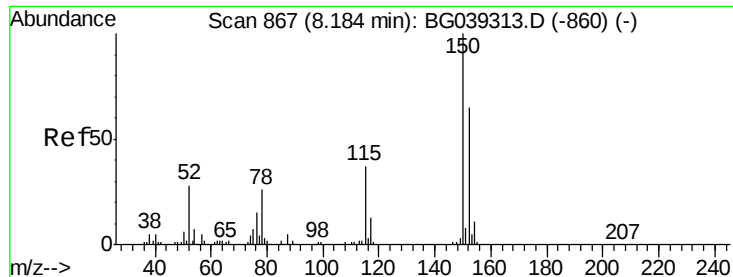
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	275877	94.666	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	174070	52.937	ng	97
44) 2,4,5-Trichlorophenol	13.31	196	191956	55.698	ng	98
46) 1,1'-Biphenyl	13.63	154	602900	43.110	ng	99
47) 2-Chloronaphthalene	13.68	162	470908	44.760	ng	99
48) 2-Nitroaniline	13.89	65	166069	53.748	ng	96
49) Acenaphthylene	14.53	152	751288	47.325	ng	98
50) Dimethylphthalate	14.24	163	620156	45.682	ng	99
51) 2,6-Dinitrotoluene	14.37	165	140497	54.367	ng	92
52) Acenaphthene	14.86	154	461979	44.831	ng	98
53) 3-Nitroaniline	14.71	138	25299	13.919	ng	# 85
54) 2,4-Dinitrophenol	14.91	184	45236	49.690	ng	97
55) Dibenzofuran	15.19	168	740231	44.803	ng	98
56) 4-Nitrophenol	15.00	139	185321	75.827	ng	# 87
57) 2,4-Dinitrotoluene	15.16	165	198501	58.946	ng	88
58) Fluorene	15.84	166	586687	47.634	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	178543	55.330	ng	96
60) Diethylphthalate	15.60	149	618350	44.055	ng	97
61) 4-Chlorophenyl-phenylether	15.83	204	316957	45.448	ng	96
62) 4-Nitroaniline	15.87	138	142351	49.830	ng	97
63) Azobenzene	16.12	77	566215	41.273	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	55286	39.082	ng	97
66) n-Nitrosodiphenylamine	16.04	169	534844	45.120	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	206998	47.862	ng	95
68) Hexachlorobenzene	16.84	284	208351	48.017	ng	94
69) Atrazine	16.98	200	204308	47.164	ng	95
70) Pentachlorophenol	17.18	266	172736	57.278	ng	96
71) Phenanthrene	17.59	178	966427	47.897	ng	99
72) Anthracene	17.68	178	962055	48.407	ng	98
73) Carbazole	17.95	167	861311	43.425	ng	98
74) Di-n-butylphthalate	18.47	149	1028039	44.428	ng	98
75) Fluoranthene	19.58	202	1139556	48.659	ng	99
77) Benzidine	19.76	184	121895	9.438	ng	99
78) Pyrene	19.95	202	1153254	47.025	ng	99
80) Butylbenzylphthalate	20.81	149	493767	47.728	ng	96
81) Benzo(a)anthracene	21.81	228	1136048	48.803	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	113189	13.114	ng	99
83) Chrysene	21.88	228	1053302	47.533	ng	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	681922	46.204	ng	99
85) Di-n-octyl phthalate	22.94	149	1167671	47.888	ng	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1237065	52.032	ng	# 95
88) Benzo(b)fluoranthene	24.14	252	1142934	51.991	ng	99
89) Benzo(k)fluoranthene	24.21	252	1063515	48.187	ng	99
90) Benzo(a)pyrene	25.06	252	1092744	51.614	ng	99
91) Dibenzo(a,h)anthracene	29.18	278	999909	50.432	ng	99
92) Benzo(g,h,i)perylene	30.35	276	985695	49.878	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

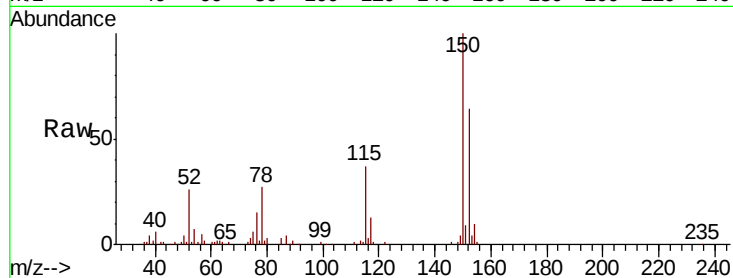
Tgt Ion:152 Resp: 54065

Ion Ratio Lower Upper

152 100

150 156.6 123.7 185.5

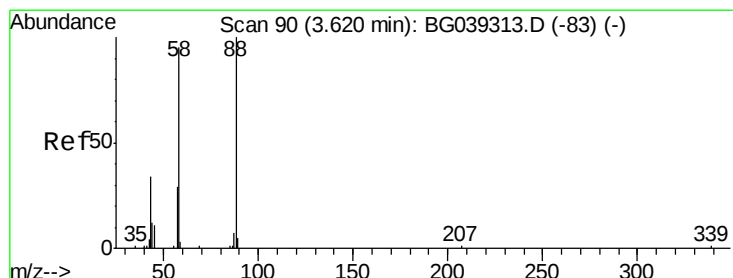
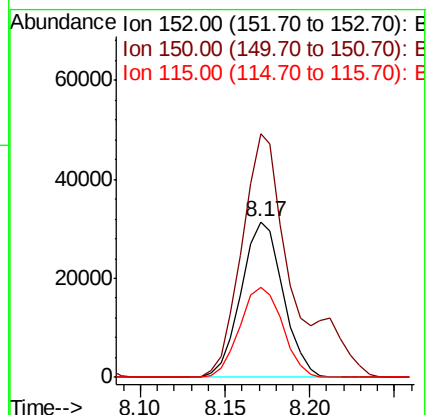
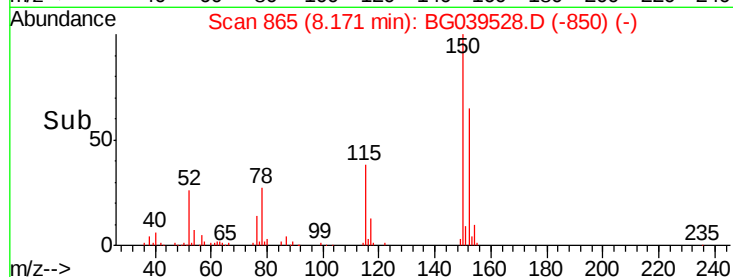
115 57.6 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.400 ng

RT: 3.61 min Scan# 89

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

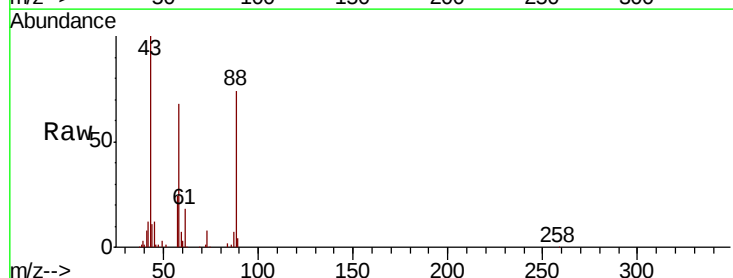
Tgt Ion: 88 Resp: 50297

Ion Ratio Lower Upper

88 100

58 95.0 81.1 121.7

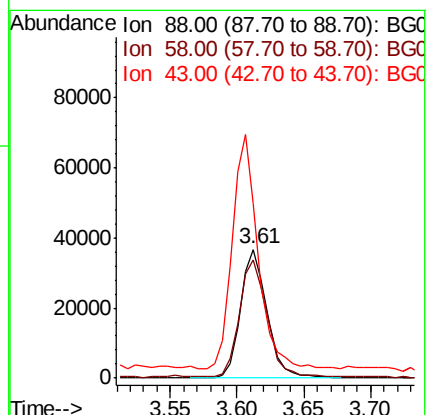
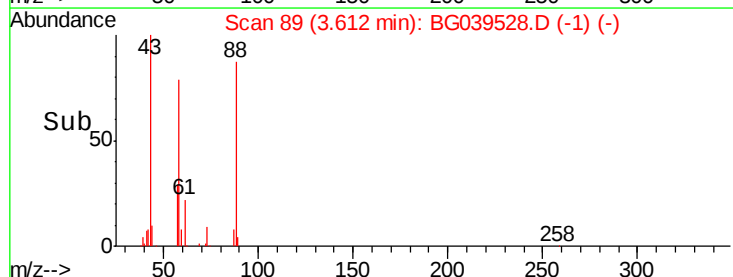
43 180.7 31.4 47.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.377 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

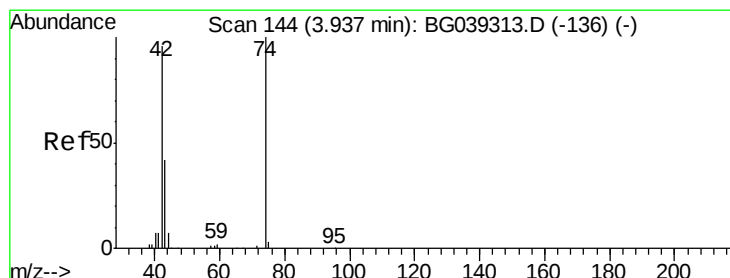
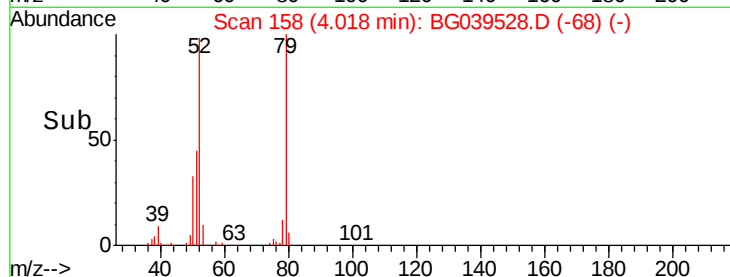
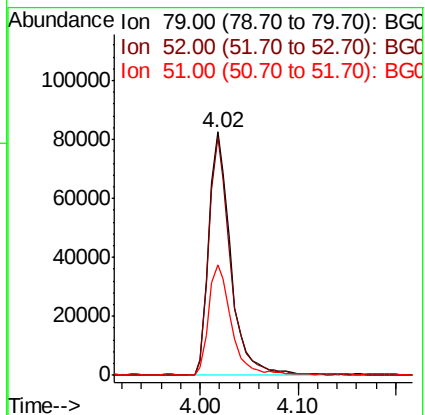
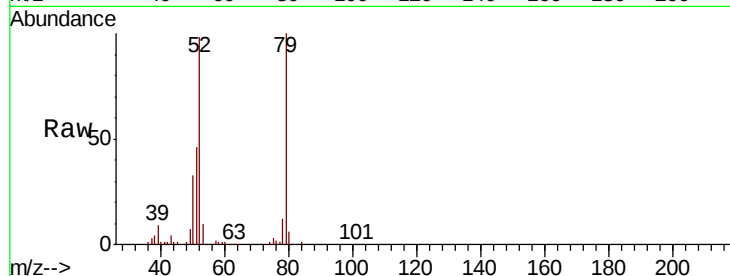
Tgt Ion: 79 Resp: 129423

Ion Ratio Lower Upper

79 100

52 98.1 82.6 124.0

51 45.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 44.416 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

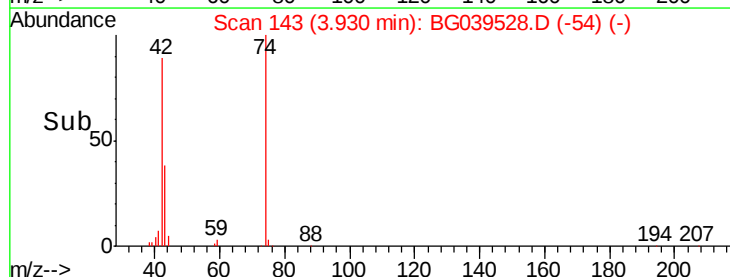
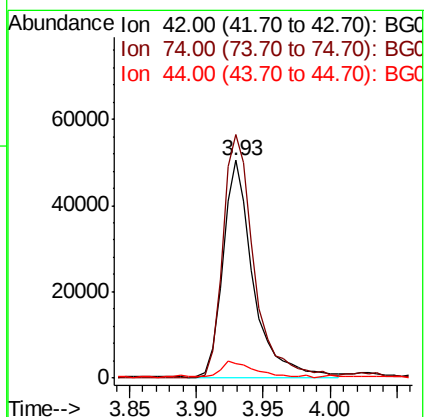
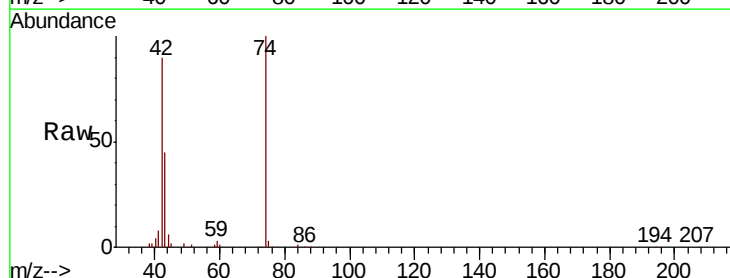
Tgt Ion: 42 Resp: 81264

Ion Ratio Lower Upper

42 100

74 111.7 83.6 125.4

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 144.152 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

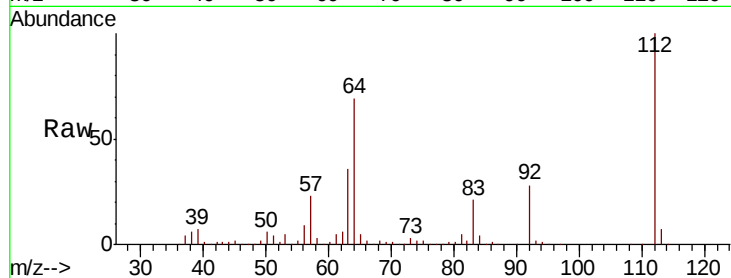
Instrument :

BNA_G

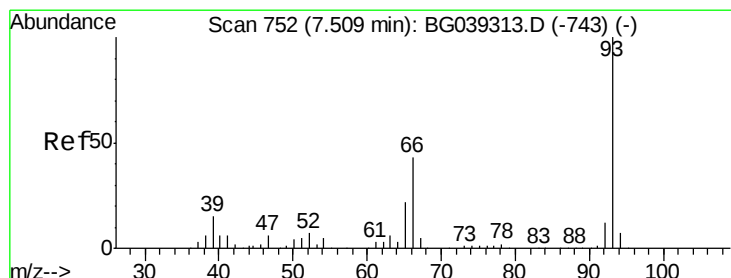
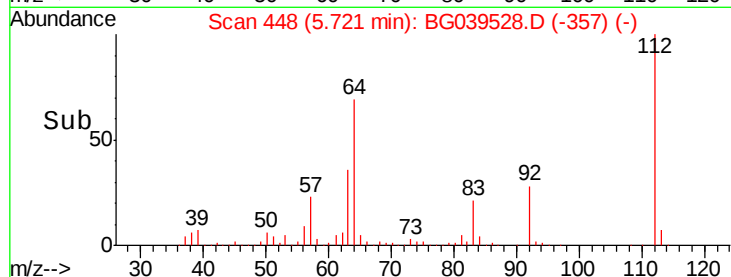
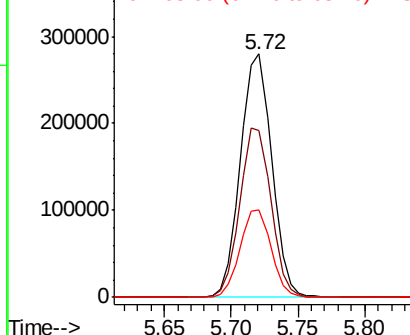
ClientSampleId :

CL-01-021419-AMSD

Tgt Ion:	112	Resp:	455364
Ion	Ratio	Lower	Upper
112	100		
64	68.8	57.8	86.8
63	36.1	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: 13.148 ng

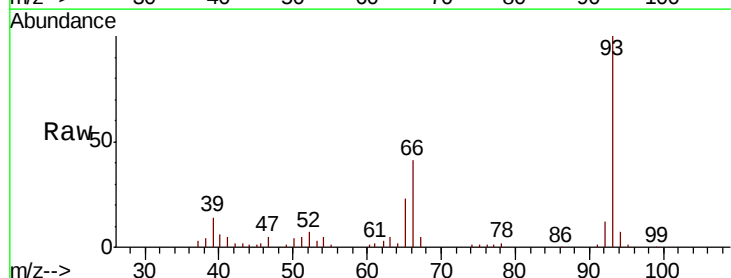
RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

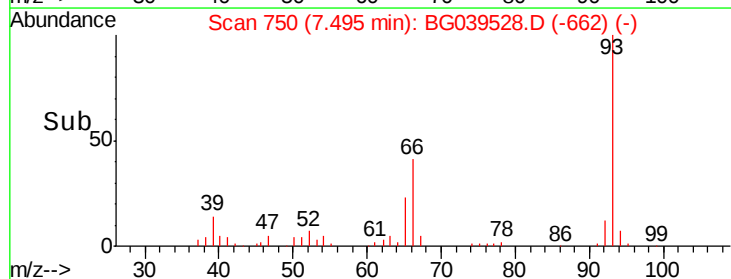
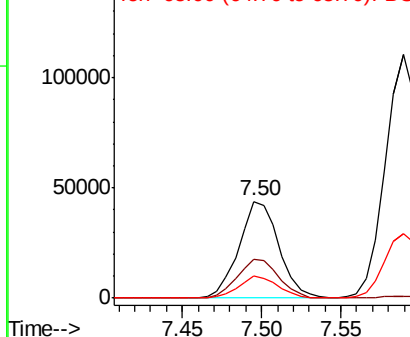
Lab File: BG039528.D

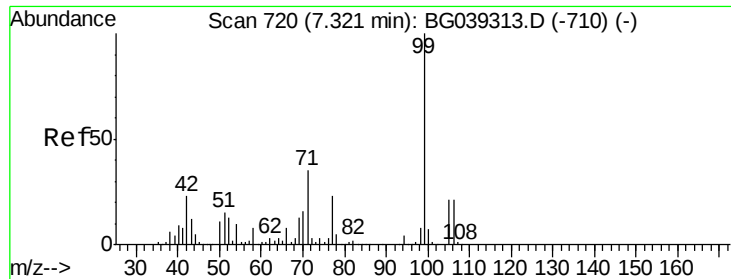
Acq: 15 Feb 2019 19:25

Tgt Ion:	93	Resp:	76577
Ion	Ratio	Lower	Upper
93	100		
66	40.8	34.2	51.4
65	22.7	17.7	26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.924 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

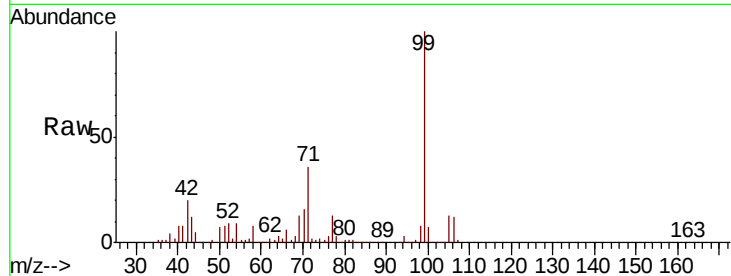
Tgt Ion: 99 Resp: 618075

Ion Ratio Lower Upper

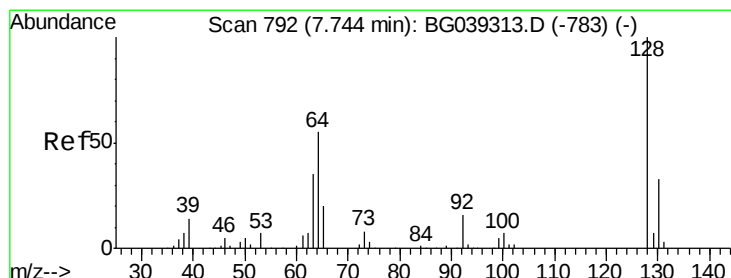
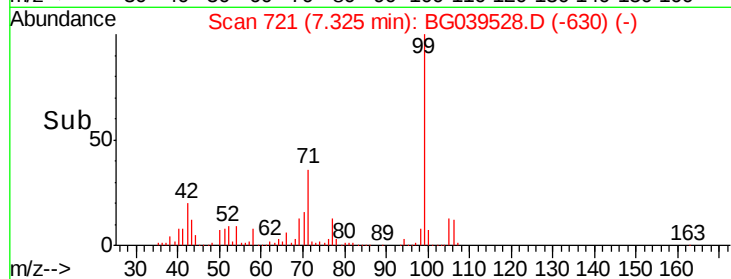
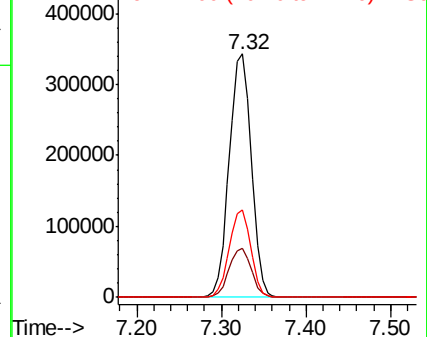
99 100

42 19.9 18.2 27.2

71 36.2 28.0 42.0



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



#8

2-Chlorophenol

Concen: 52.796 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

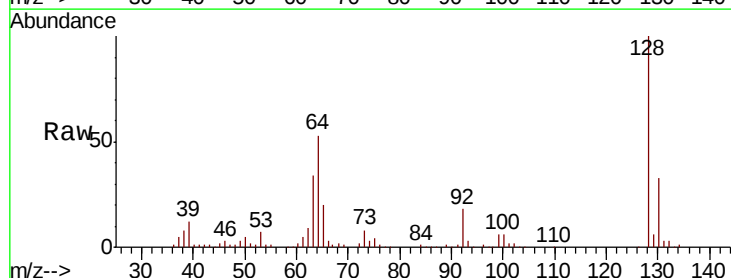
Tgt Ion: 128 Resp: 182305

Ion Ratio Lower Upper

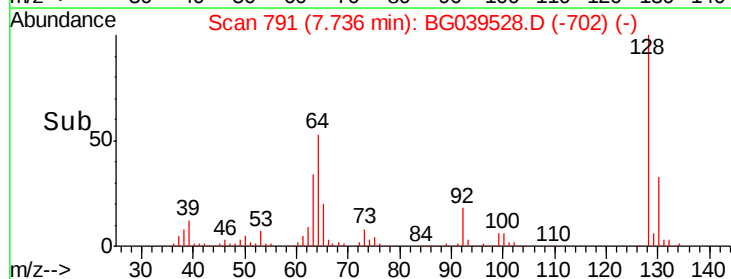
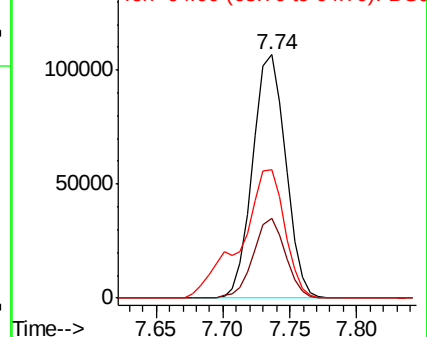
128 100

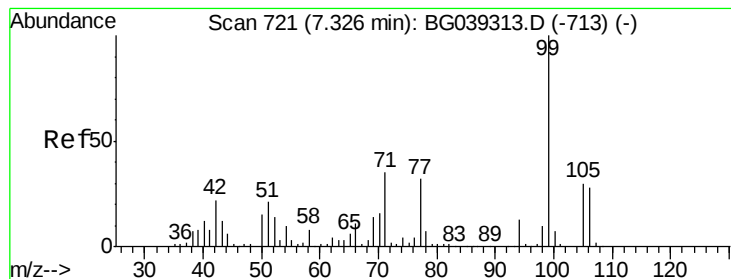
130 33.0 12.9 52.9

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: Below Cal

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

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CL-01-021419-AMSD

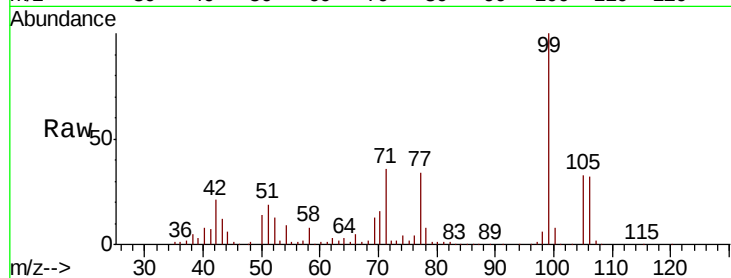
Tgt Ion: 77 Resp: 151380

Ion Ratio Lower Upper

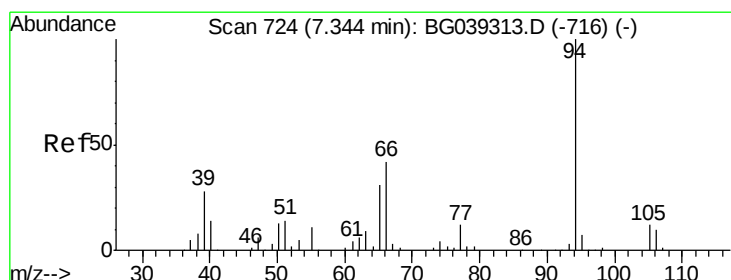
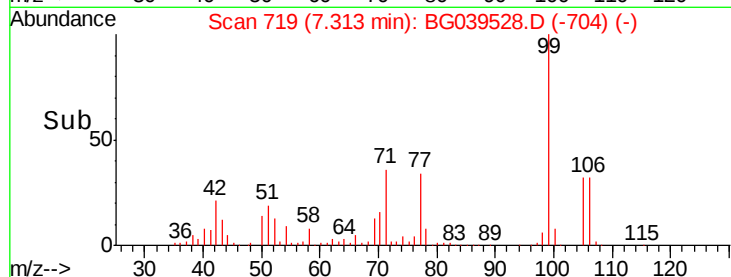
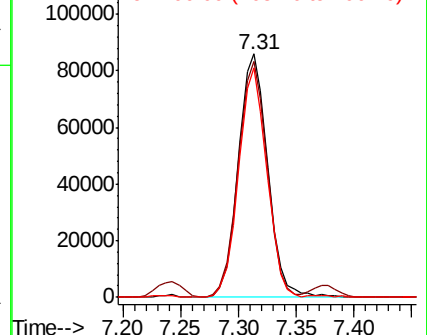
77 100

105 97.0 74.5 114.5

106 94.3 68.0 108.0



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



#10

Phenol

Concen: 44.439 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

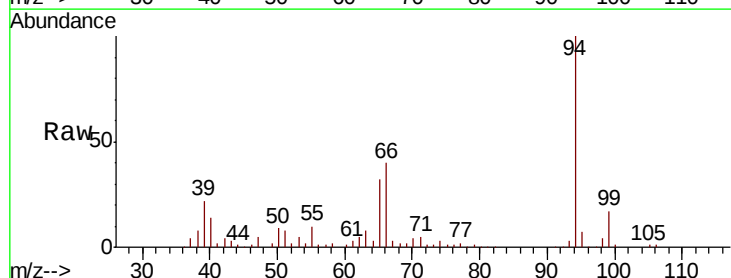
Tgt Ion: 94 Resp: 215402

Ion Ratio Lower Upper

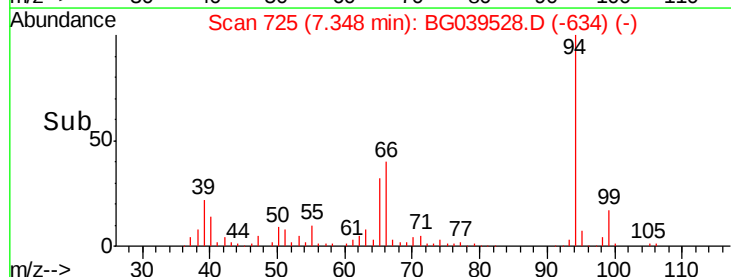
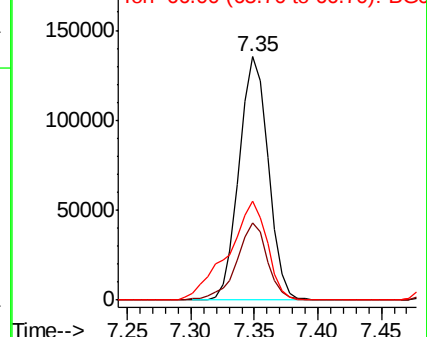
94 100

65 31.8 11.7 51.7

66 40.4 23.7 63.7



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

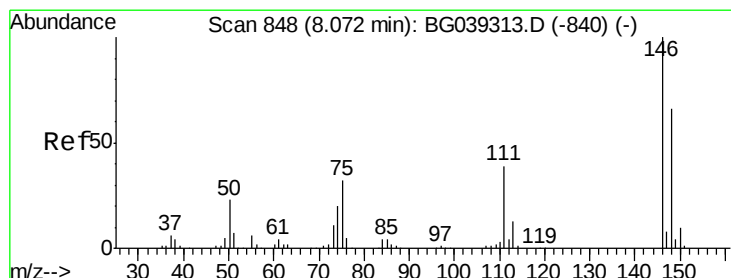
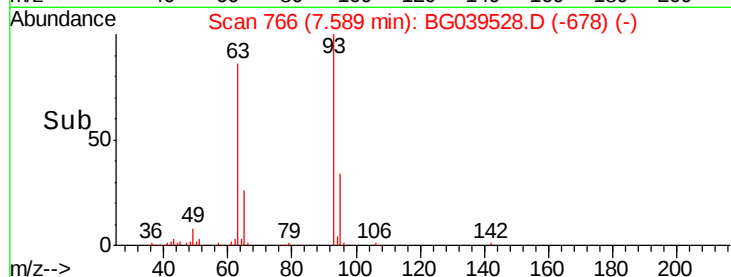
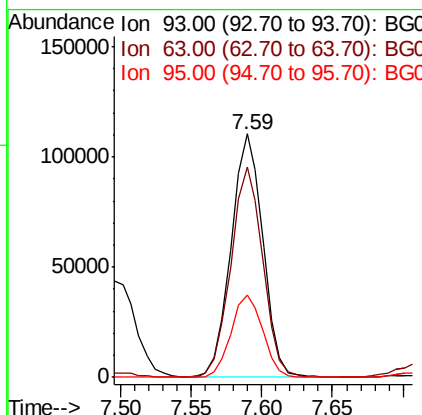
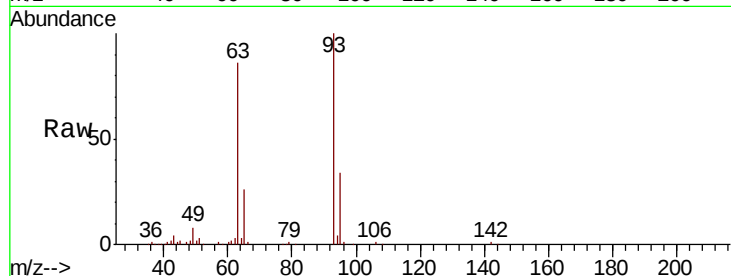




#11
 bis(2-Chloroethyl)ether
 Concen: 45.216 ng
 RT: 7.59 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

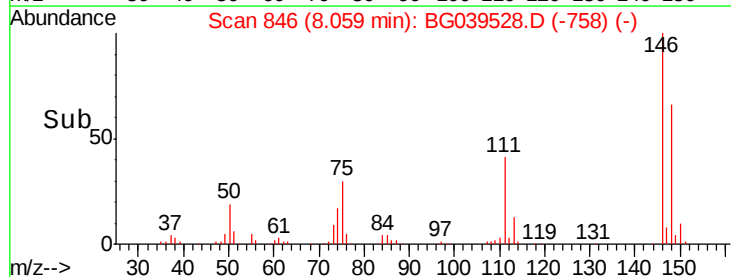
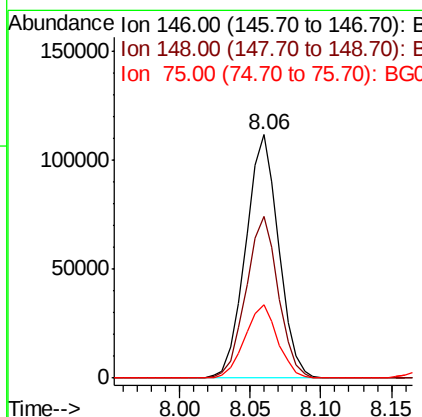
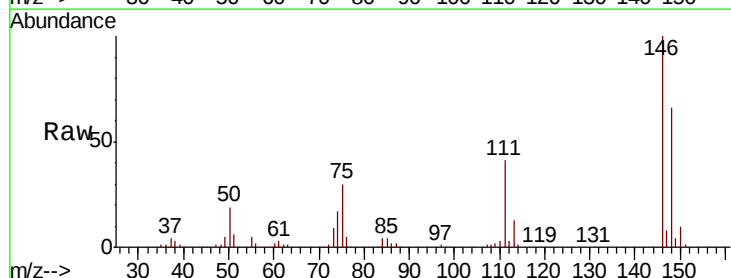
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMSD

Tgt Ion: 93 Resp: 173180
 Ion Ratio Lower Upper
 93 100
 63 86.4 69.5 109.5
 95 33.8 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 43.617 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

Tgt Ion: 146 Resp: 182449
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.6 79.0
 75 30.2 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 44.888 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

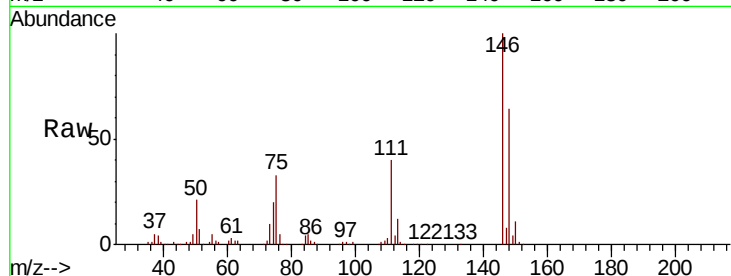
Tgt Ion:146 Resp: 187151

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

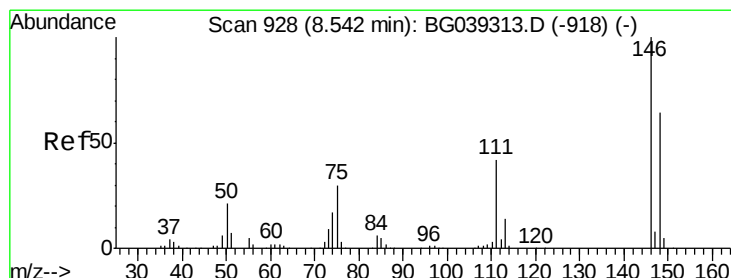
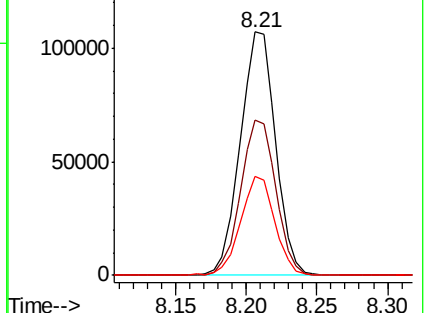
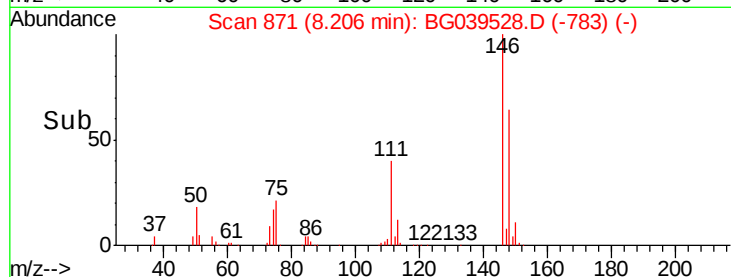
111 40.5 32.6 48.8



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: 44.964 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

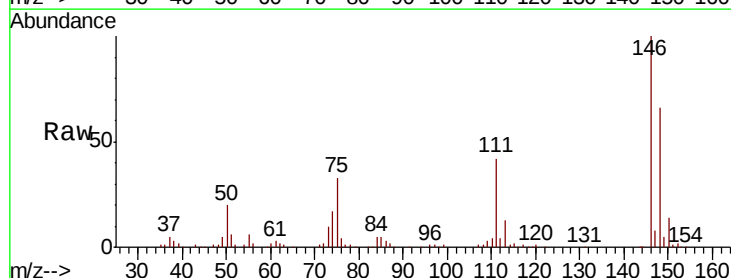
Tgt Ion:146 Resp: 181483

Ion Ratio Lower Upper

146 100

148 66.3 51.5 77.3

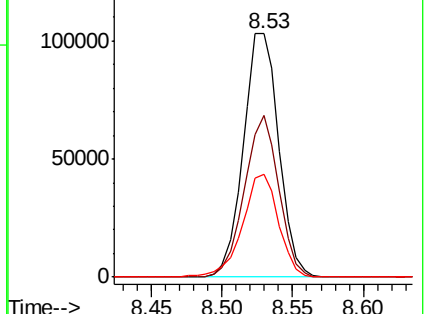
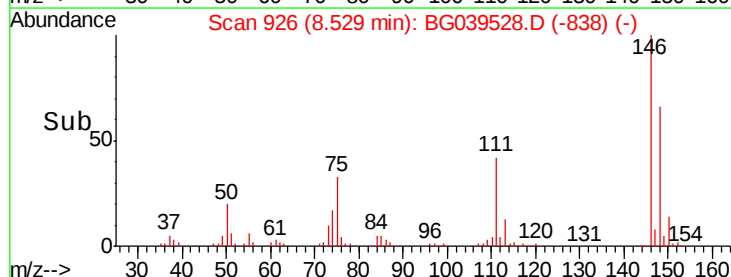
111 42.3 33.8 50.6

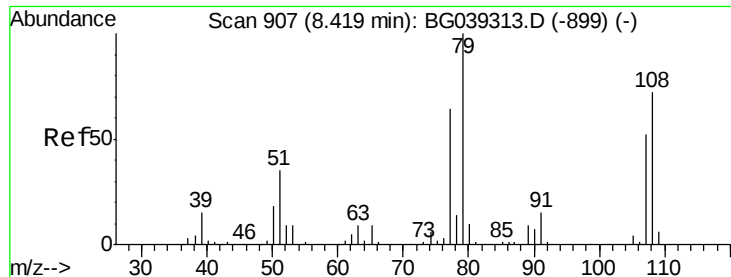


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.770 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

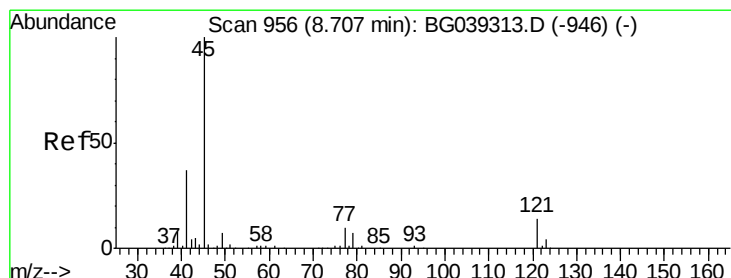
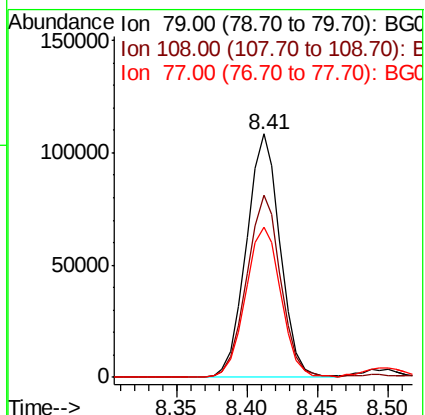
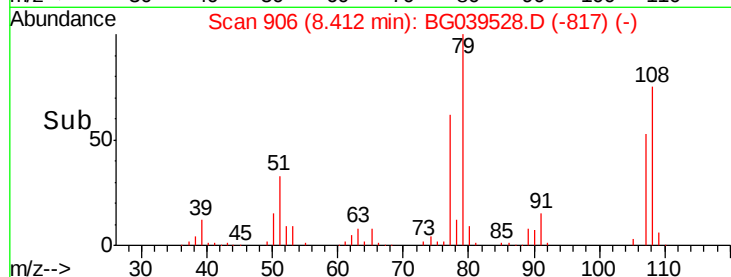
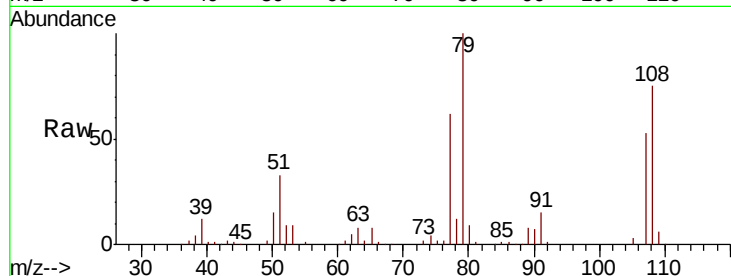
Tgt Ion: 79 Resp: 181686

Ion Ratio Lower Upper

79 100

108 74.9 57.8 86.6

77 61.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.872 ng

RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

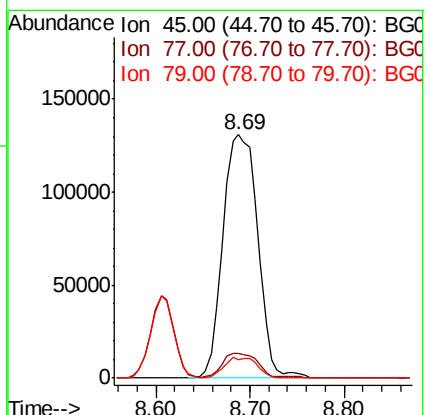
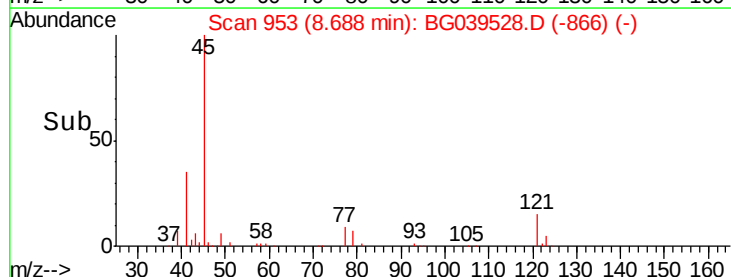
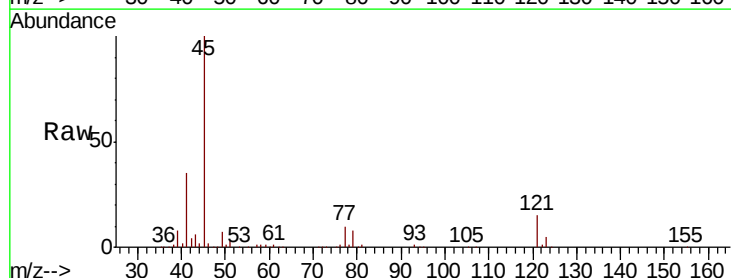
Tgt Ion: 45 Resp: 336219

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

79 7.7 0.0 27.5

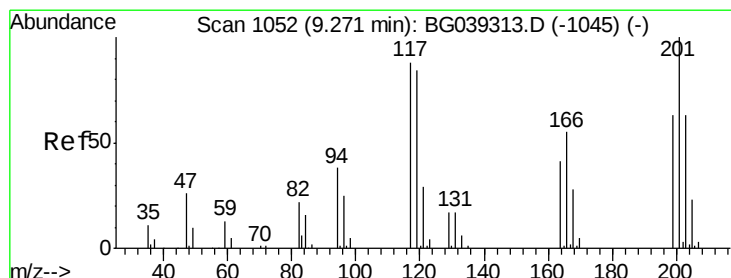
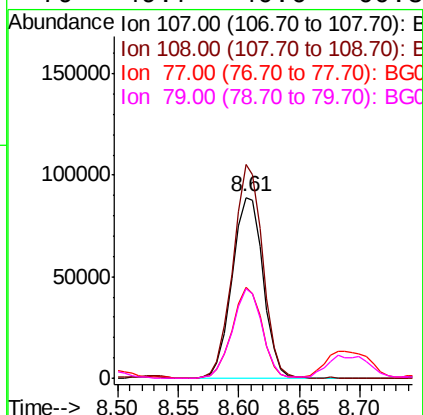
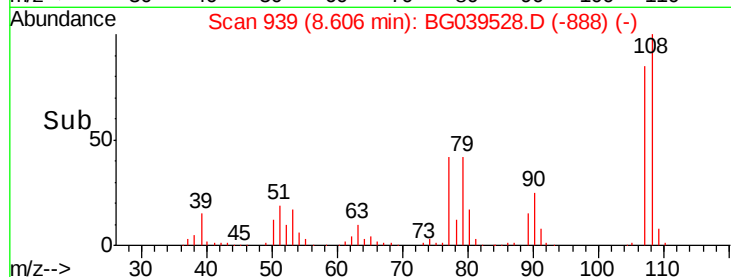
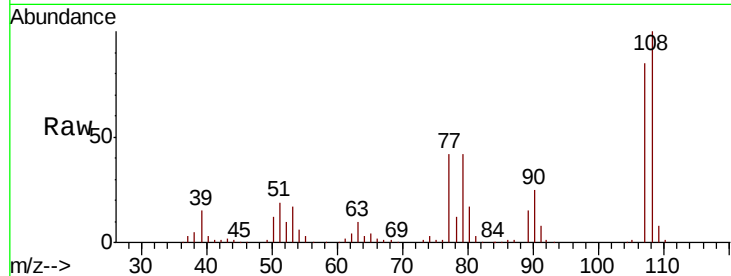




#17
2-Methylphenol
Concen: 50.997 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

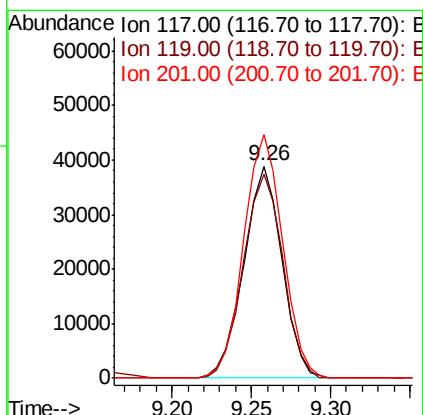
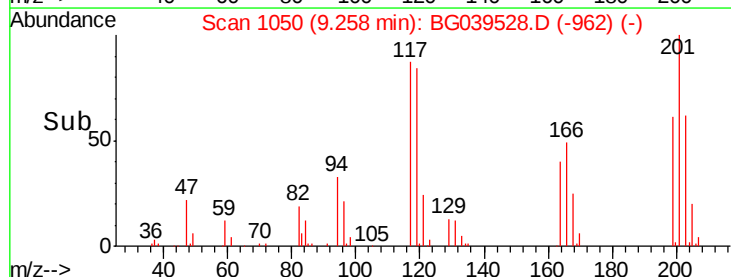
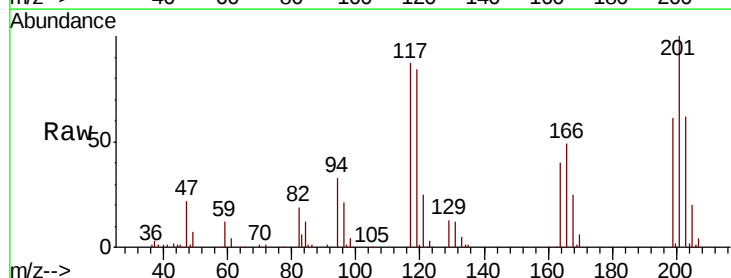
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMSD

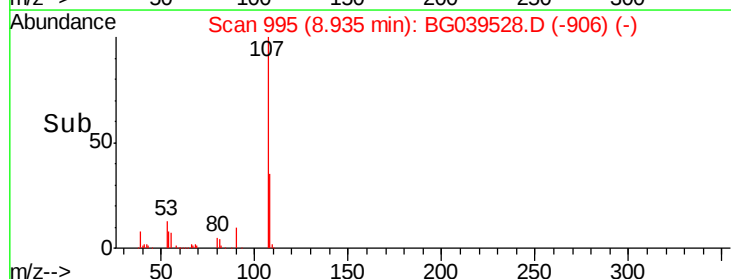
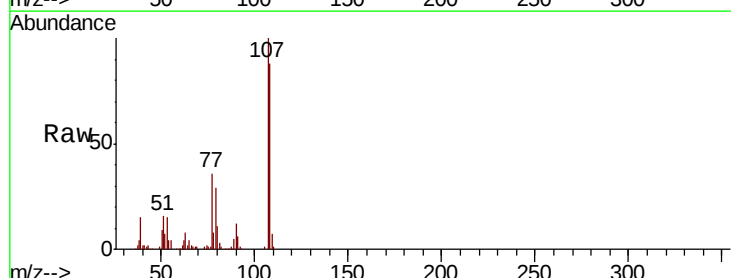
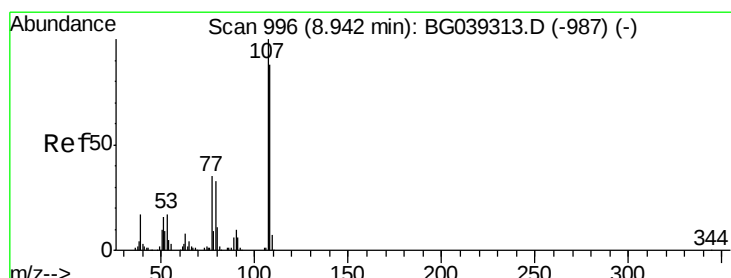
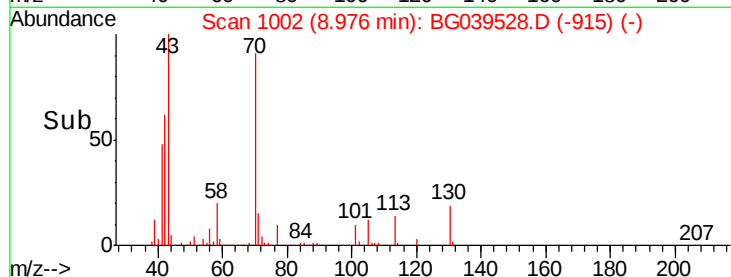
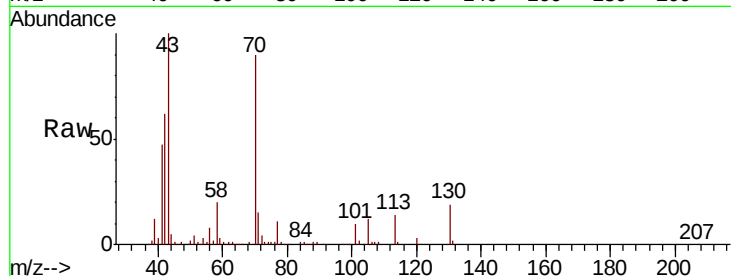
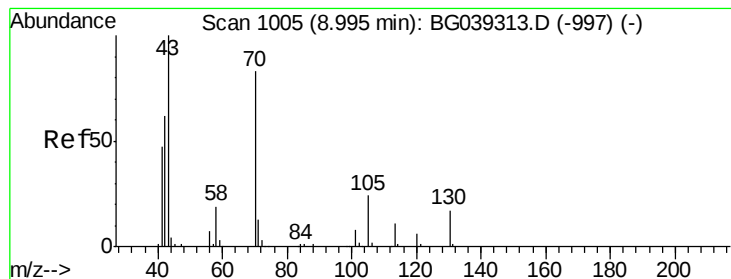
Tgt Ion:	107	Resp:	159960
Ion	Ratio	Lower	Upper
107	100		
108	118.1	90.8	136.2
77	50.0	40.7	61.1
79	49.7	40.6	60.8



#18
Hexachloroethane
Concen: 45.339 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

Tgt Ion:	117	Resp:	65034
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.3	114.5
201	114.9	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 45.264 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

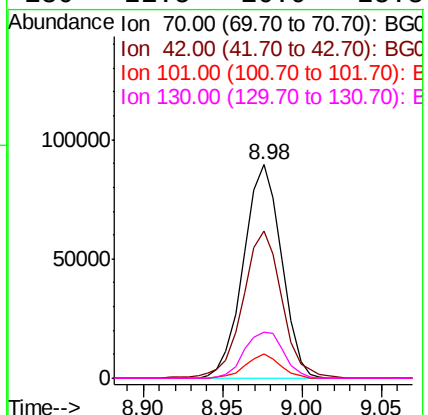
ClientSampleId :

CL-01-021419-AMSD

Tgt Ion: 70 Resp: 149382

Ion Ratio Lower Upper

70	100		
42	69.0	60.4	90.6
101	11.6	7.5	11.3#
130	21.5	16.9	25.3



#20

3+4-Methylphenols

Concen: 50.326 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

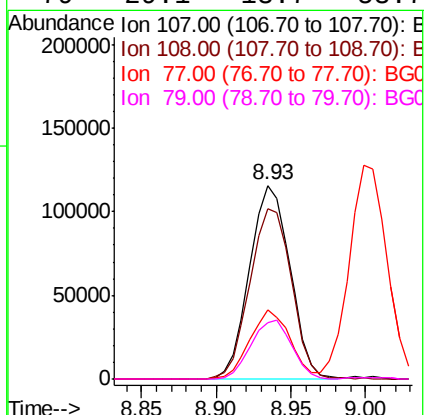
Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Tgt Ion: 107 Resp: 217377

Ion Ratio Lower Upper

107	100		
108	87.8	67.9	107.9
77	35.9	15.4	55.4
79	29.1	13.7	53.7

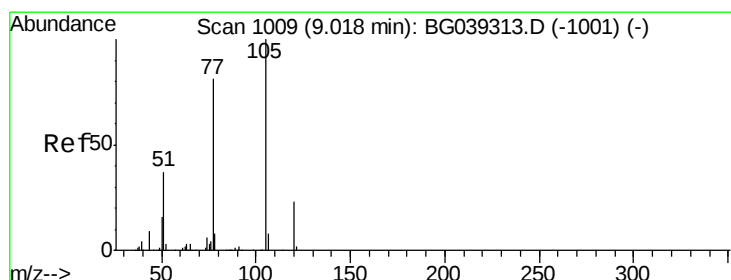
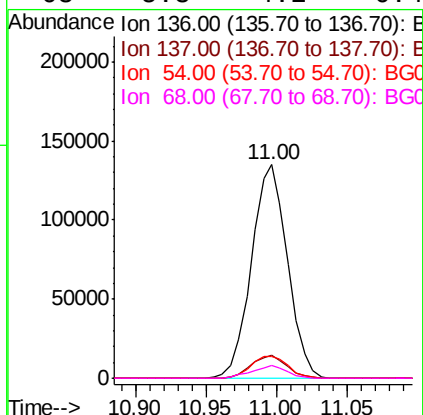
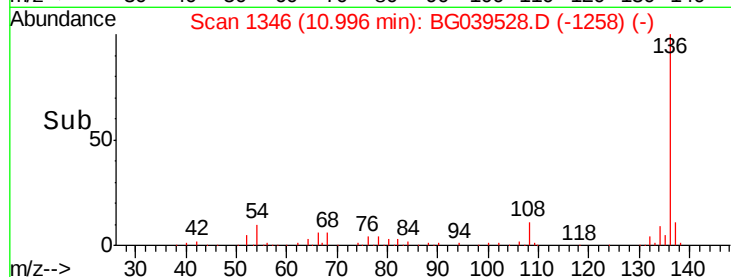
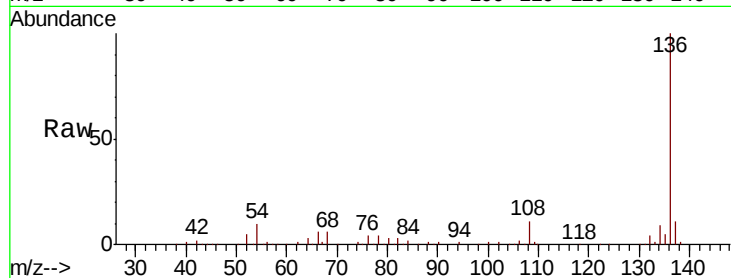




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

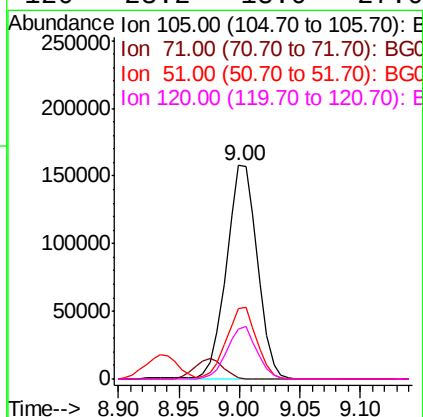
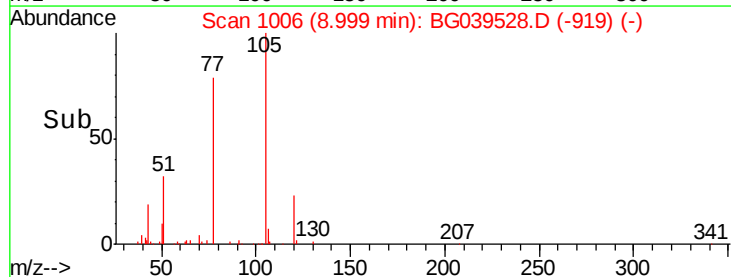
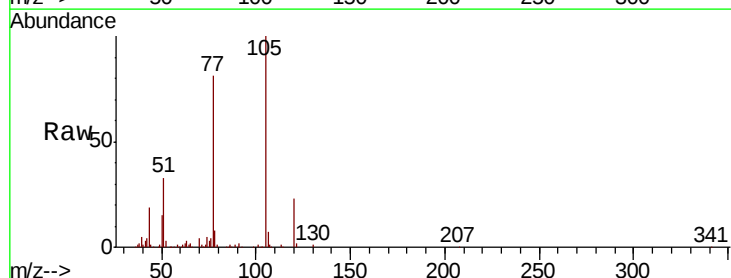
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMSD

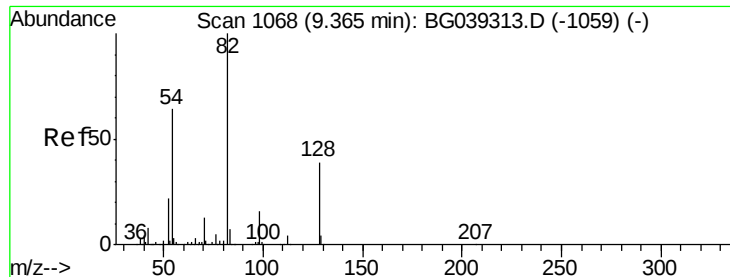
Tgt Ion:	136	Resp:	241089
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	10.5	9.4	14.2
68	5.8	4.2	6.4



#22
Acetophenone
Concen: 43.366 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

Tgt Ion:	105	Resp:	280840
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.8	1.2
51	33.2	30.2	45.2
120	23.2	18.0	27.0

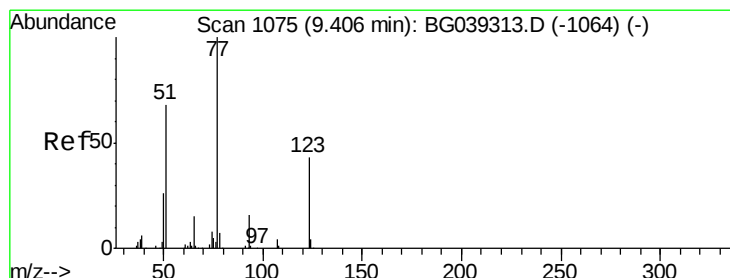
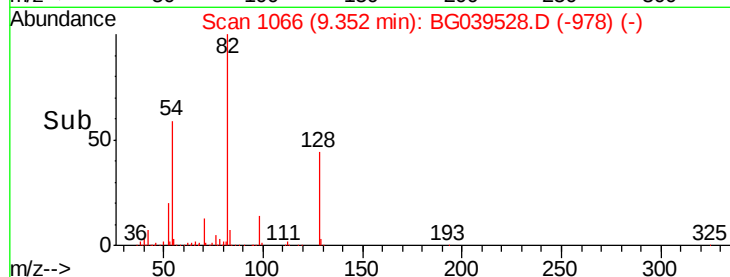
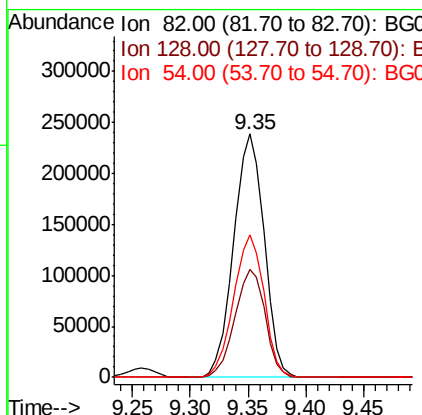
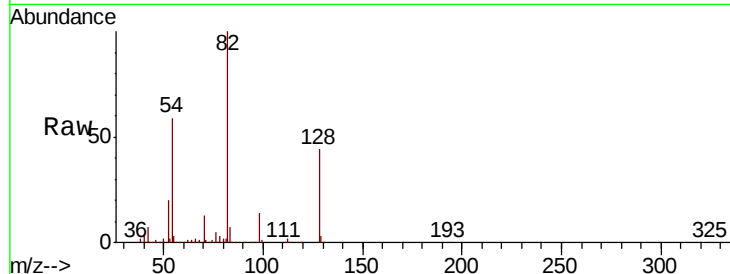




#23
 Nitrobenzene-d5
 Concen: 113.104 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

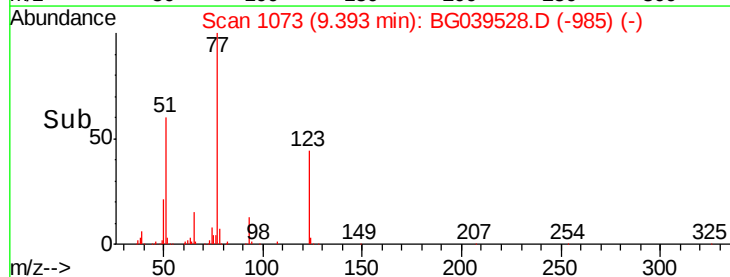
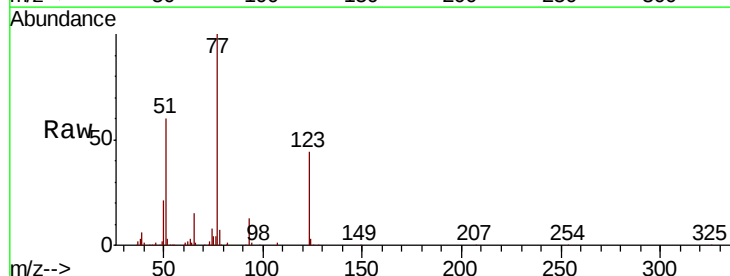
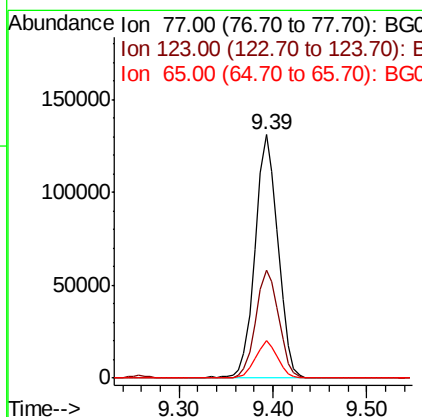
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	58.6	50.9	76.3



#24
 Nitrobenzene
 Concen: 52.937 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	34.1	51.1
65	15.4	12.3	18.5





#25

Isophorone

Concen: 50.248 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

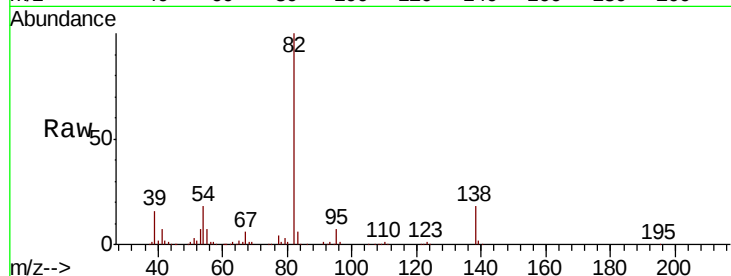
Tgt Ion: 82 Resp: 429716

Ion Ratio Lower Upper

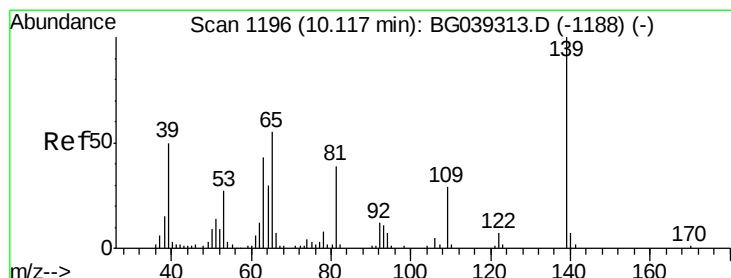
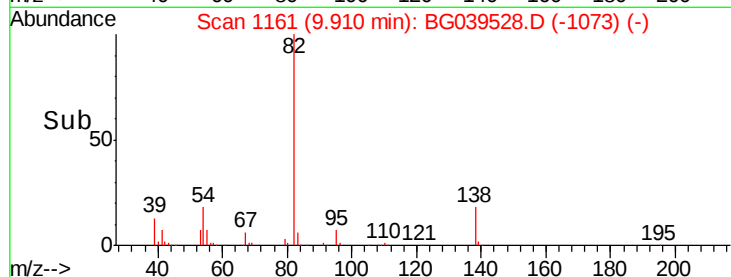
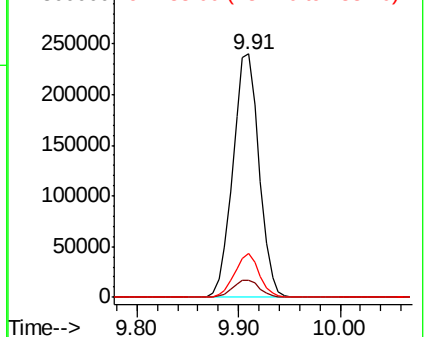
82 100

95 7.0 6.2 9.2

138 17.8 13.0 19.4



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



#26

2-Nitrophenol

Concen: 61.445 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

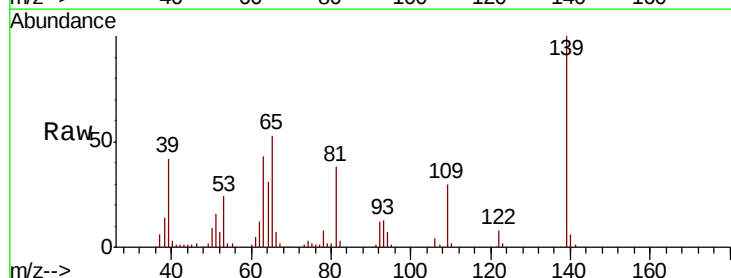
Tgt Ion: 139 Resp: 109500

Ion Ratio Lower Upper

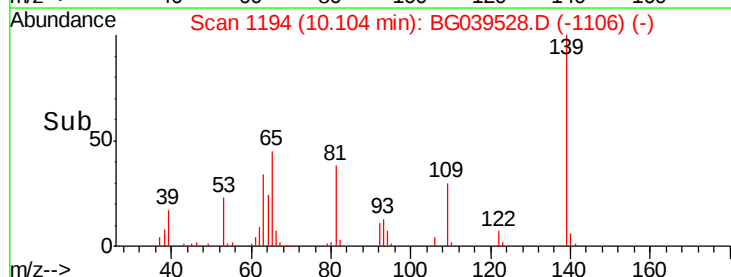
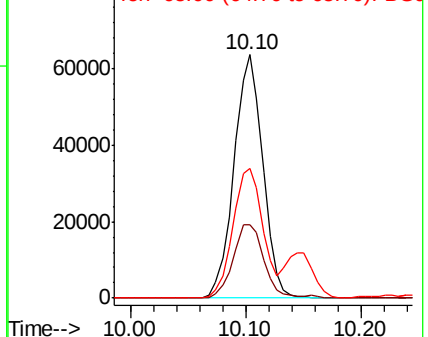
139 100

109 30.0 23.4 35.0

65 53.4 44.3 66.5



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

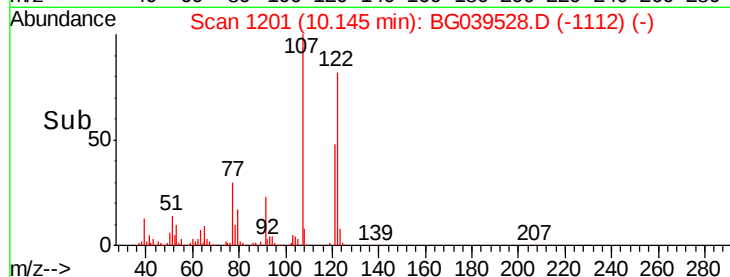
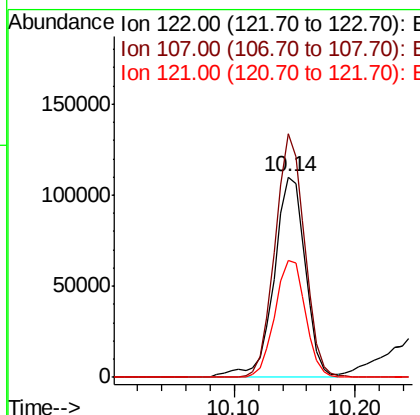
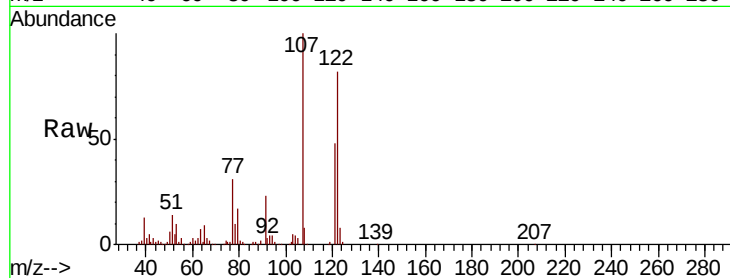




#27
2,4-Dimethylphenol
Concen: 56.697 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

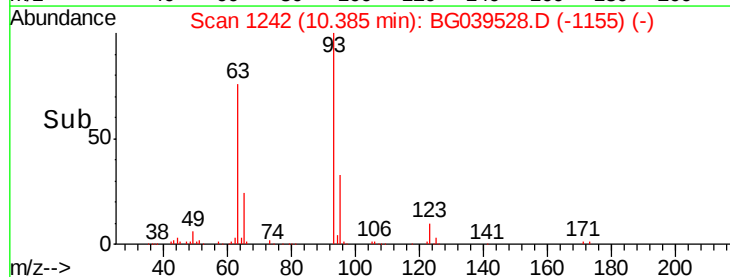
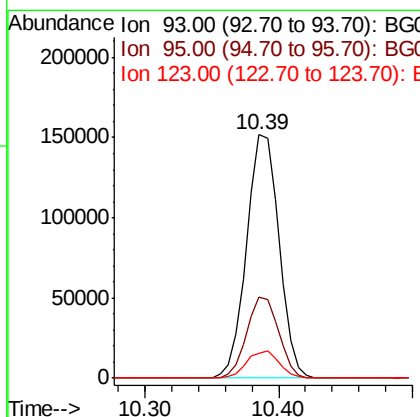
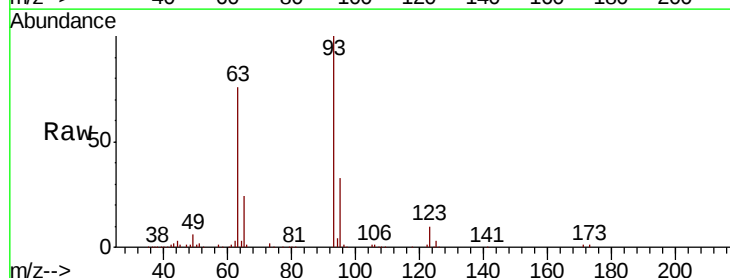
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMSD

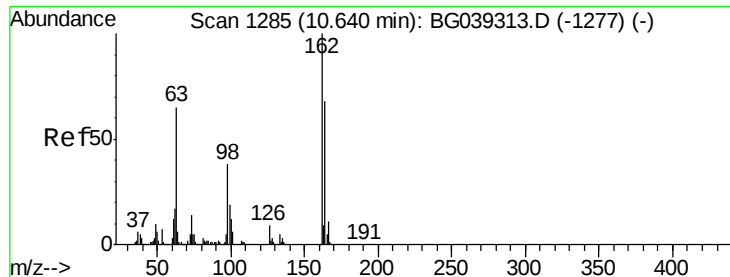
Tgt Ion:122 Resp: 196141
Ion Ratio Lower Upper
122 100
107 121.3 91.7 137.5
121 58.1 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.288 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

Tgt Ion: 93 Resp: 254356
Ion Ratio Lower Upper
93 100
95 33.1 25.0 37.4
123 10.3 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 56.114 ng

RT: 10.64 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

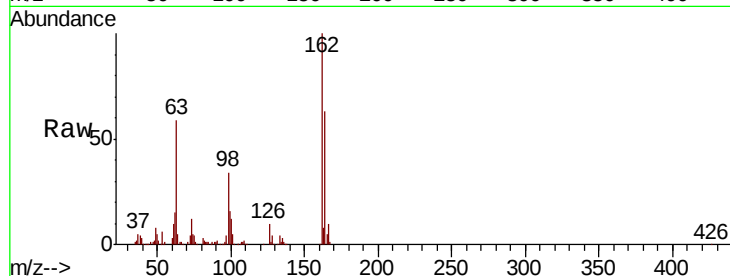
Tgt Ion:162 Resp: 212165

Ion Ratio Lower Upper

162 100

164 62.7 48.1 88.1

98 34.3 18.1 58.1

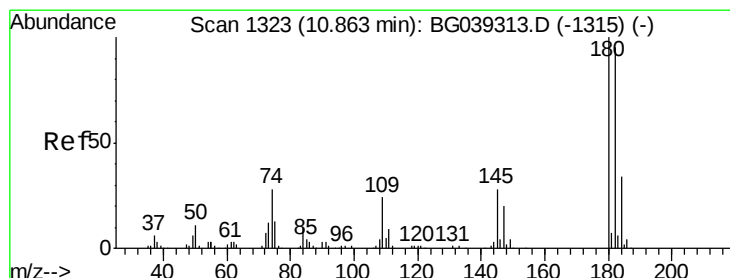
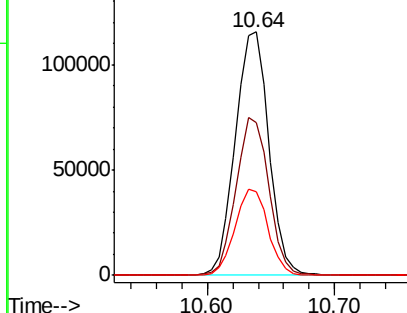
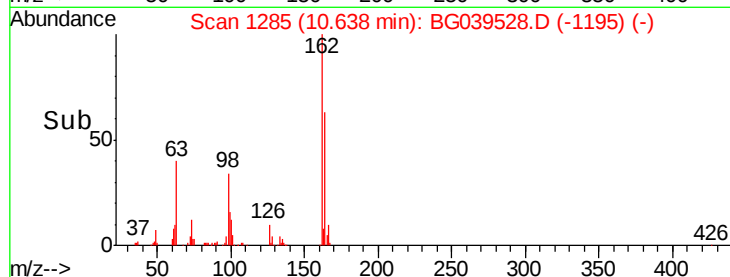


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 47.288 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

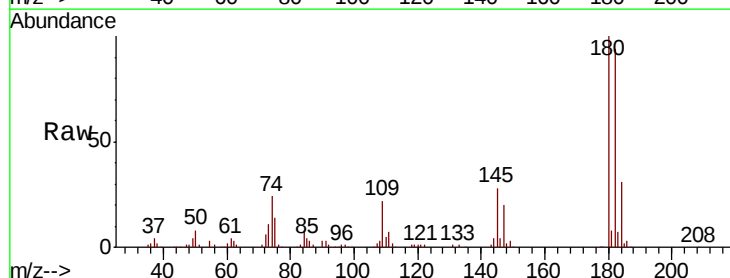
Tgt Ion:180 Resp: 200732

Ion Ratio Lower Upper

180 100

182 94.1 76.0 114.0

145 28.4 22.7 34.1

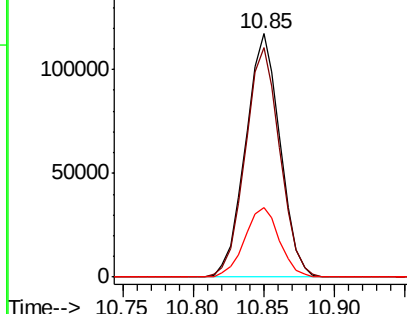
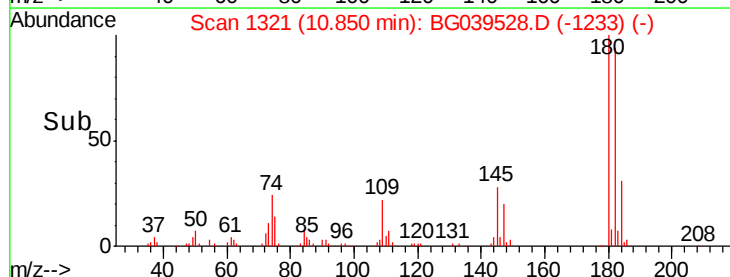


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.387 ng

RT: 11.04 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

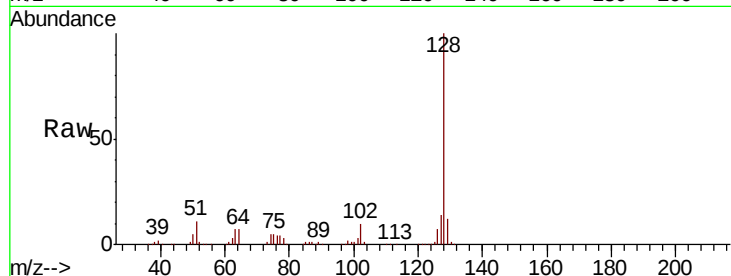
Tgt Ion:128 Resp: 590677

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

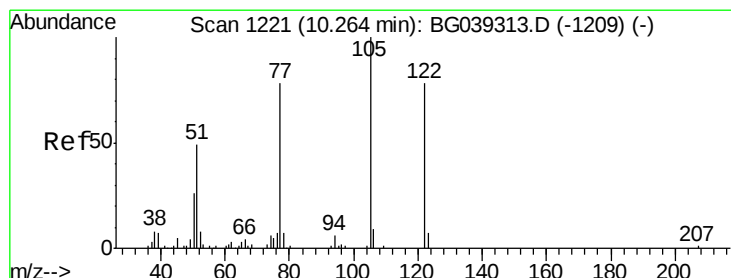
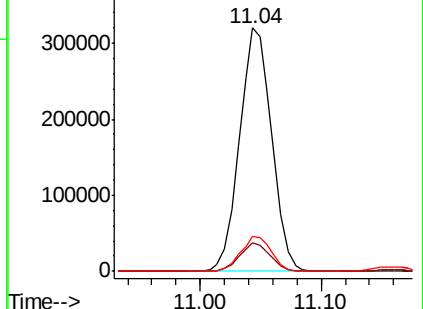
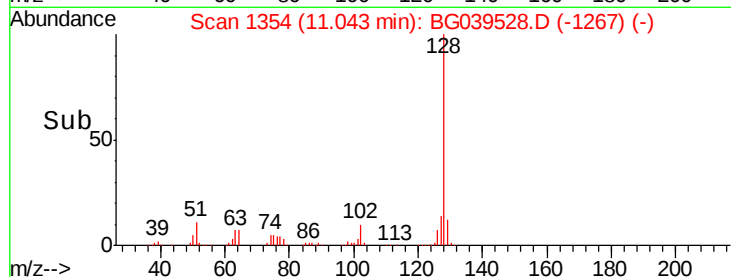
127 14.2 10.8 16.2



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: 34.291 ng

RT: 10.24 min Scan# 1218

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

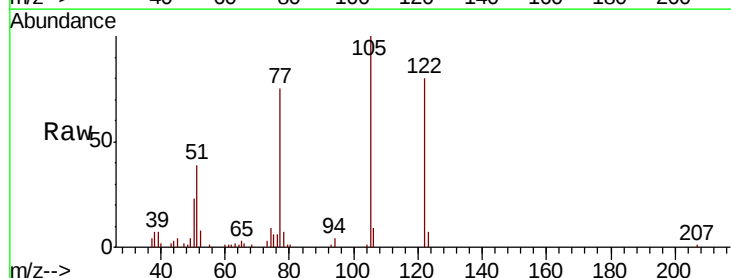
Tgt Ion:122 Resp: 70494

Ion Ratio Lower Upper

122 100

105 125.3 101.8 141.8

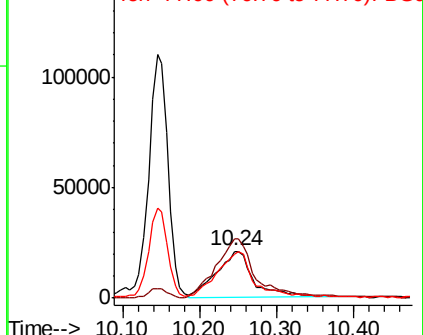
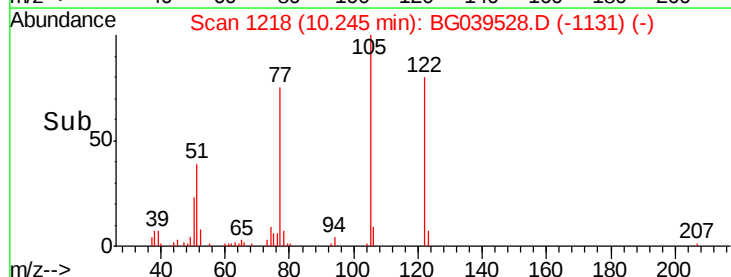
77 94.4 76.3 116.3

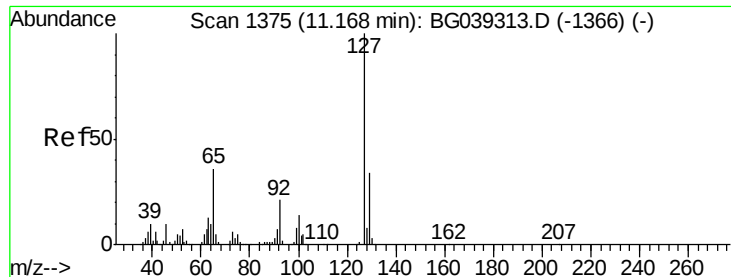


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

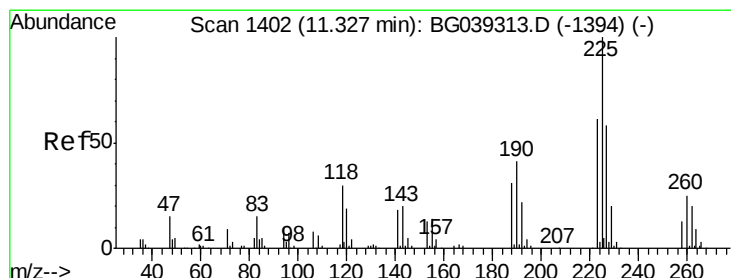
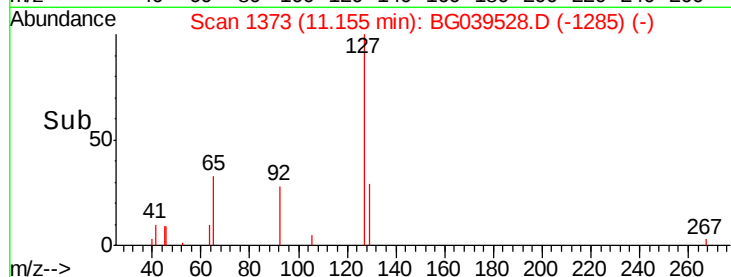
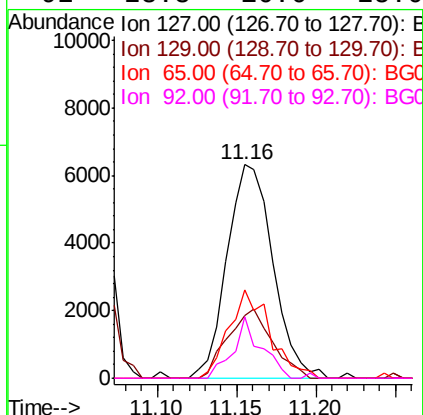
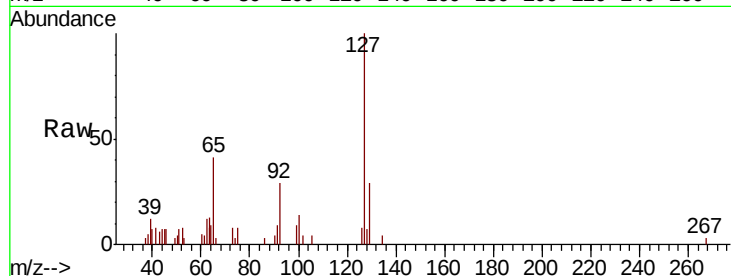




#33
4-Chloroaniline
Concen: 2.286 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

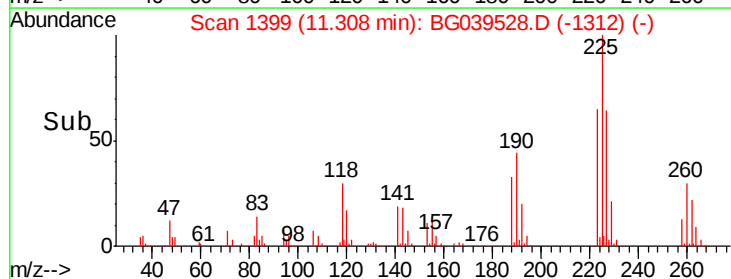
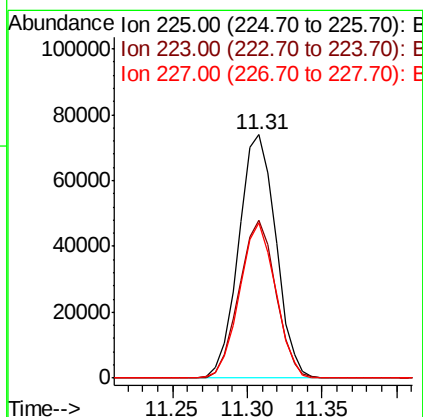
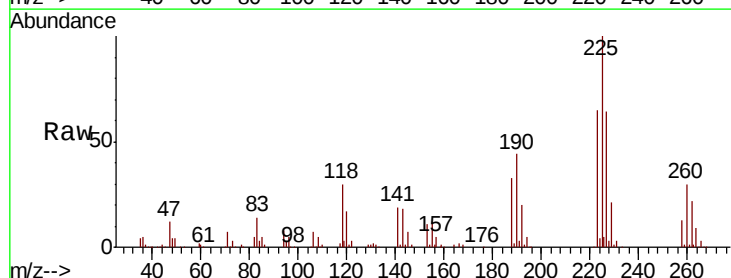
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMSD

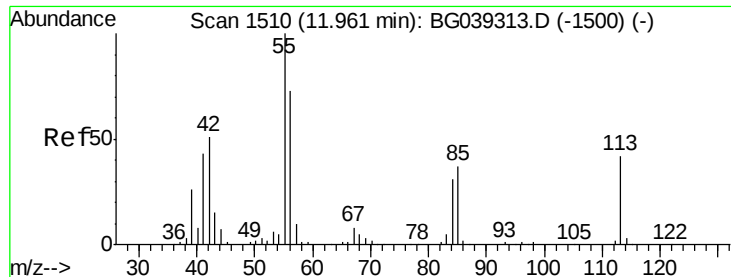
Tgt Ion:	127	Resp:	12678
Ion	Ratio	Lower	Upper
127	100		
129	29.1	27.0	40.4
65	41.4	28.8	43.2
92	28.8	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 45.156 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

Tgt Ion:	225	Resp:	127475
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.0	73.6
227	63.8	46.3	69.5





#35

Caprolactam

Concen: 34.131 ng

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

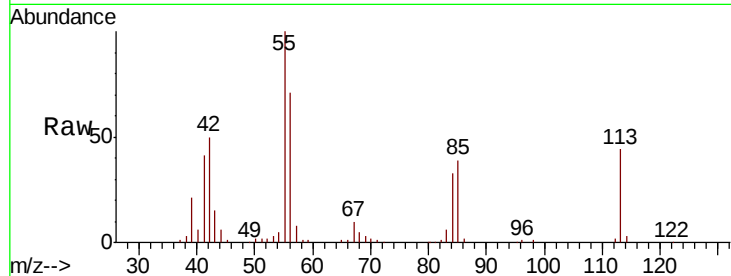
Tgt Ion:113 Resp: 53401

Ion Ratio Lower Upper

113 100

55 224.9 216.9 256.9

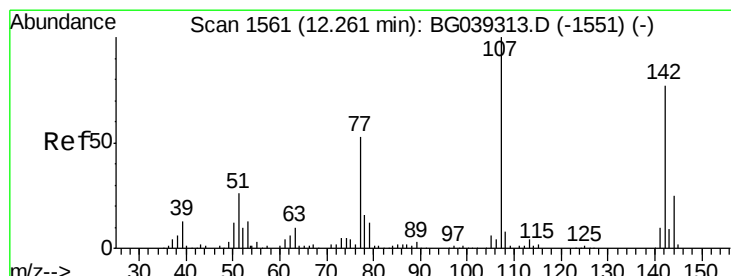
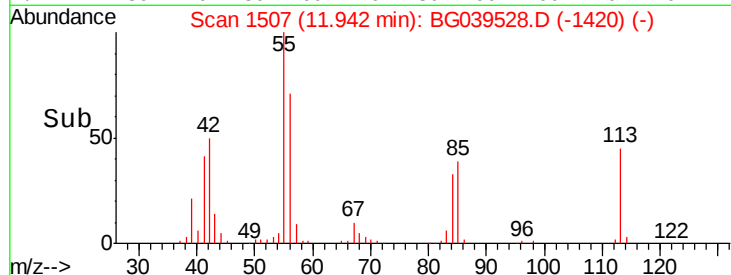
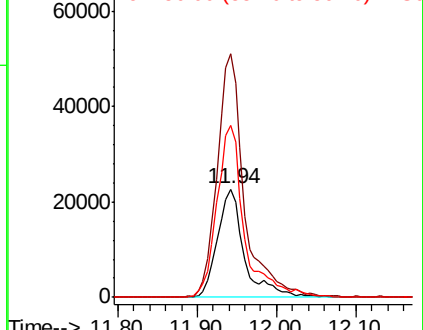
56 159.3 152.6 192.6



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: 52.183 ng

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

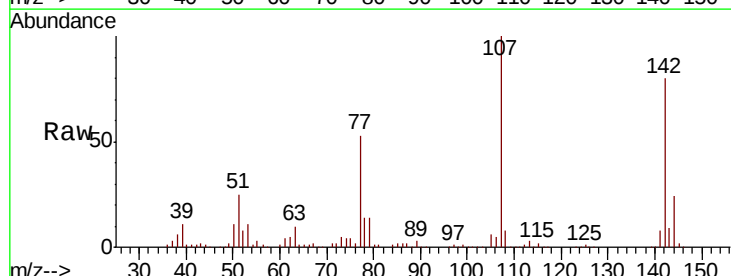
Tgt Ion:107 Resp: 228180

Ion Ratio Lower Upper

107 100

144 24.1 20.2 30.2

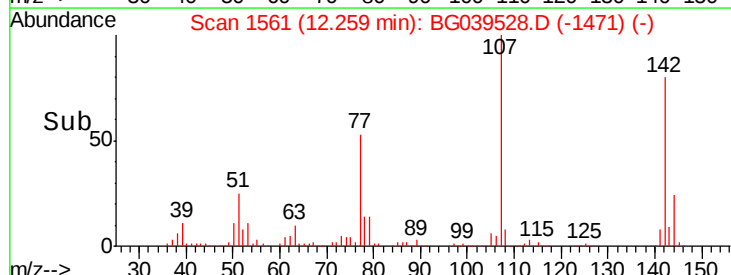
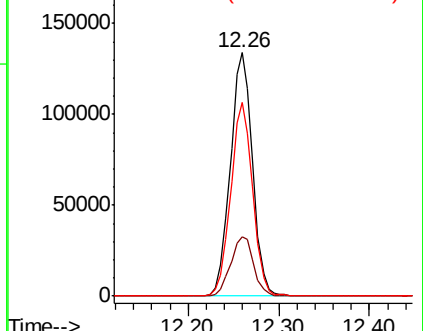
142 79.8 61.4 92.2

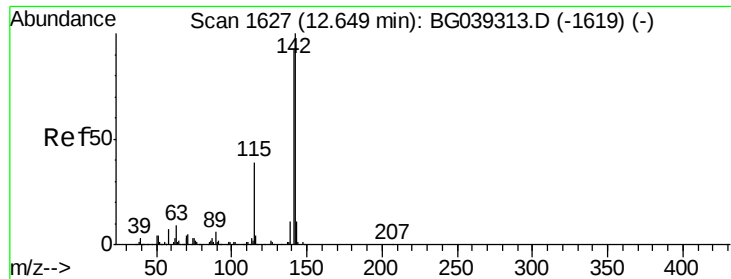


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

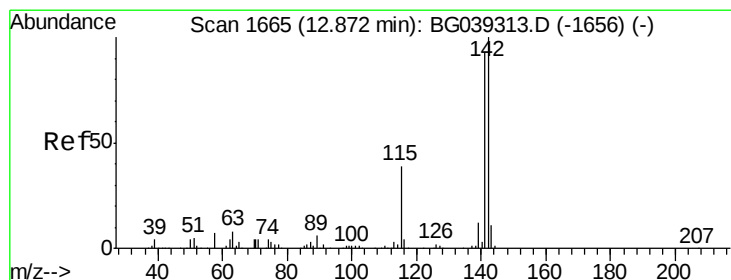
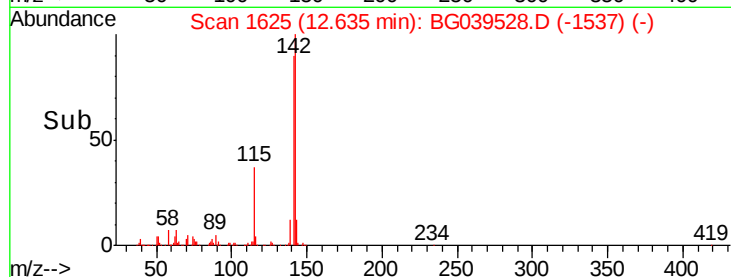
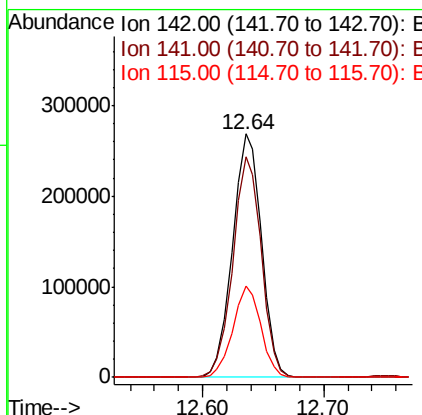
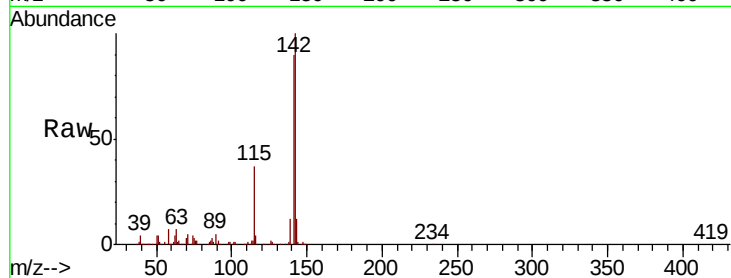




#37
 2-Methylnaphthalene
 Concen: 50.504 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

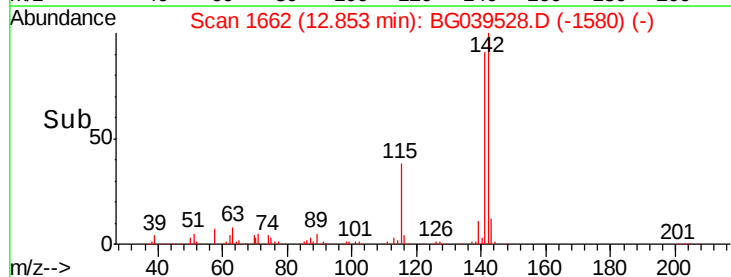
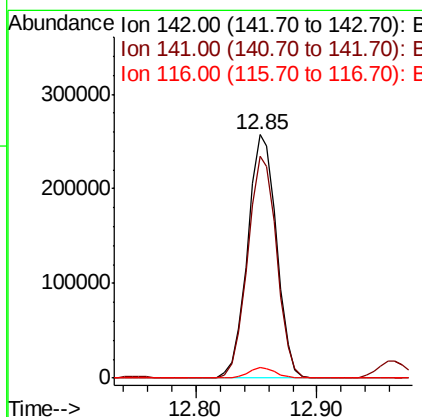
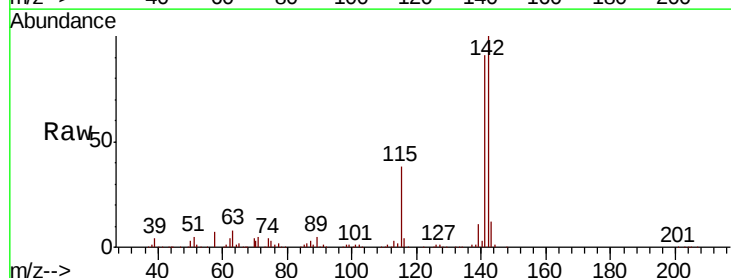
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMSD

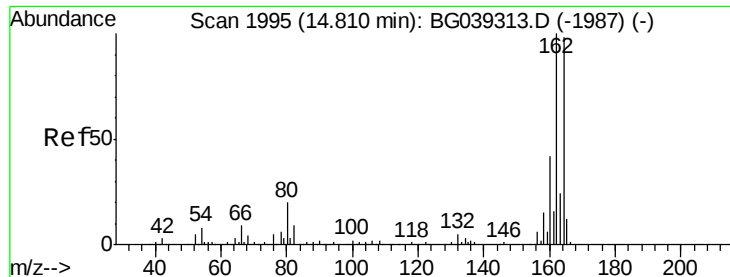
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.5	110.3
115	37.3	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 50.373 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

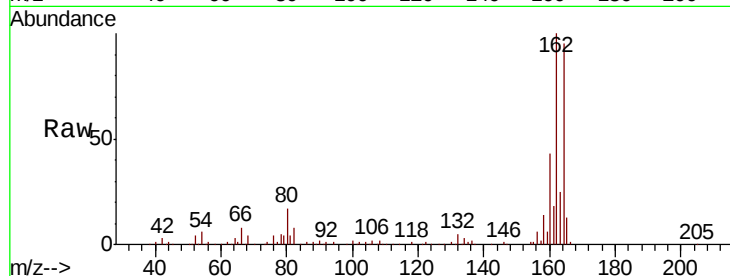
Tgt Ion:164 Resp: 168087

Ion Ratio Lower Upper

164 100

162 104.9 81.6 122.4

160 45.3 34.2 51.2

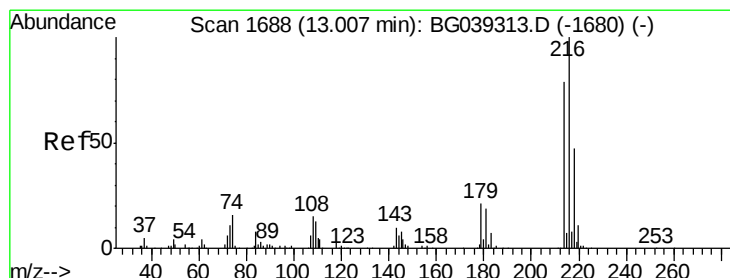
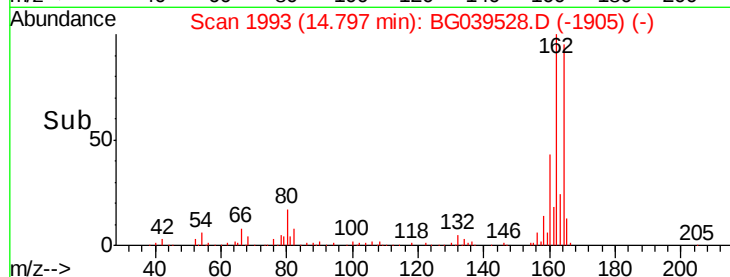
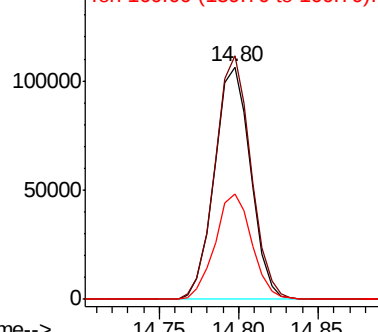


Abundance

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: 45.903 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Tgt Ion:216 Resp: 245493

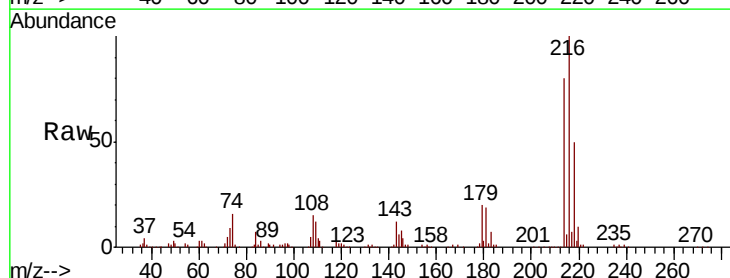
Ion Ratio Lower Upper

216 100

214 79.5 62.6 94.0

179 20.1 16.6 25.0

108 17.9 14.0 21.0



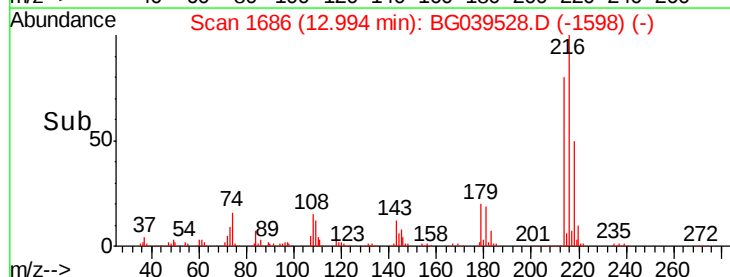
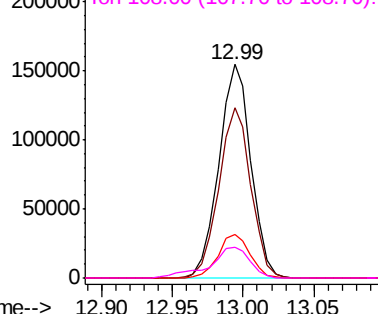
Abundance

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: 94.666 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

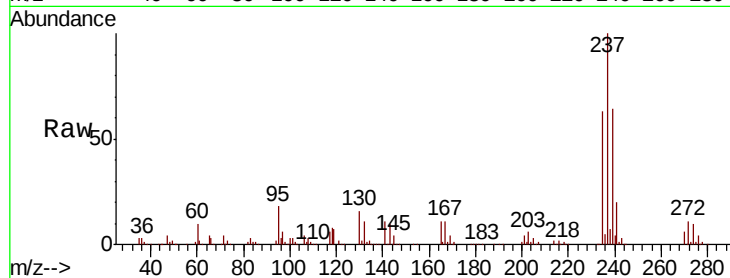
Tgt Ion: 237 Resp: 275877

Ion Ratio Lower Upper

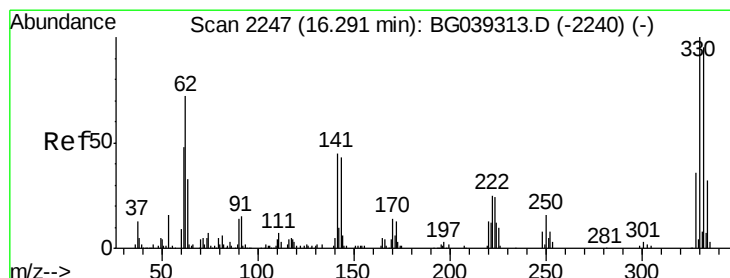
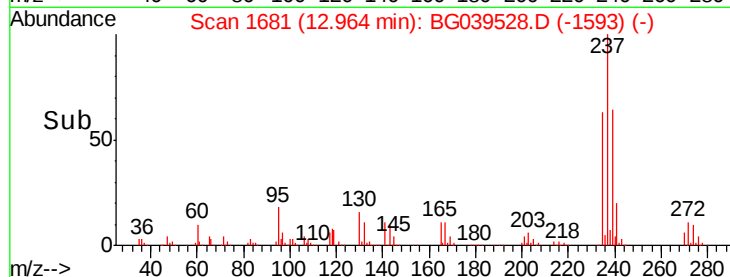
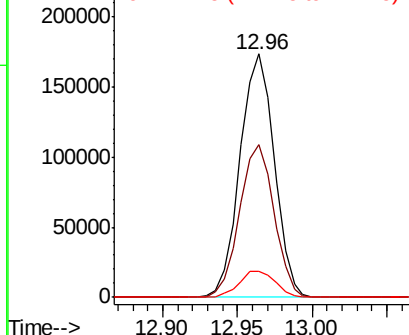
237 100

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: 157.293 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

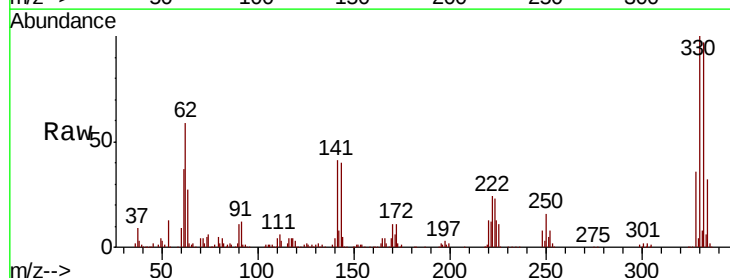
Tgt Ion: 330 Resp: 284702

Ion Ratio Lower Upper

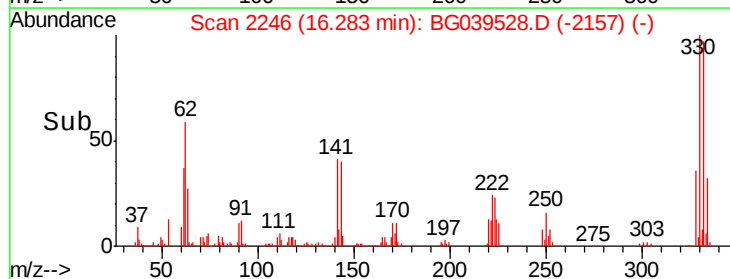
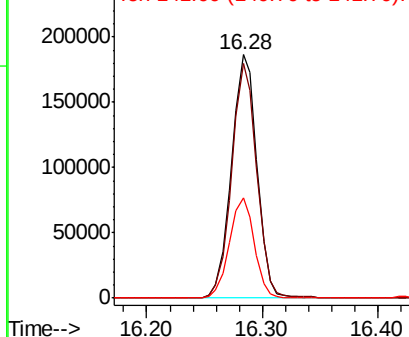
330 100

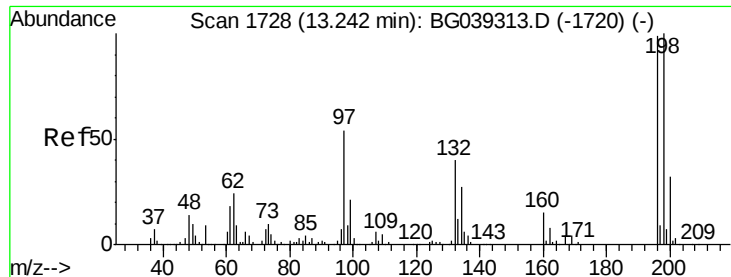
332 95.3 75.7 113.5

141 40.3 35.6 53.4



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

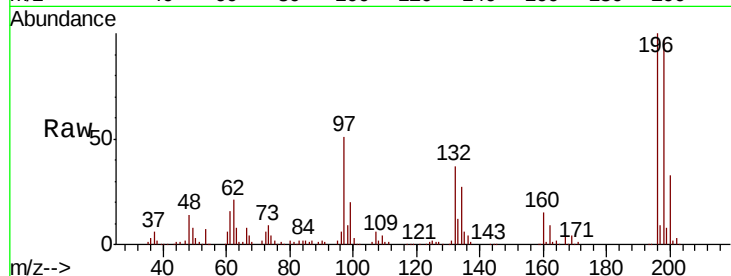




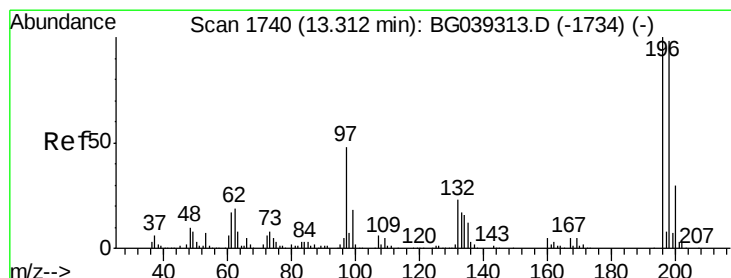
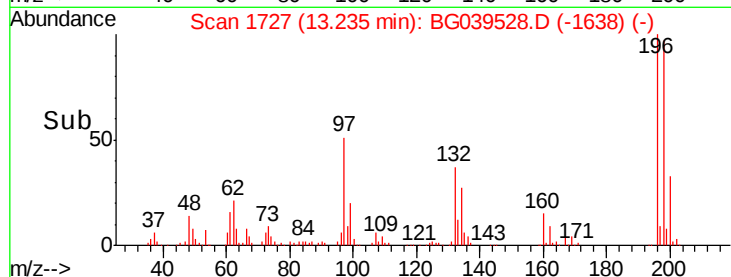
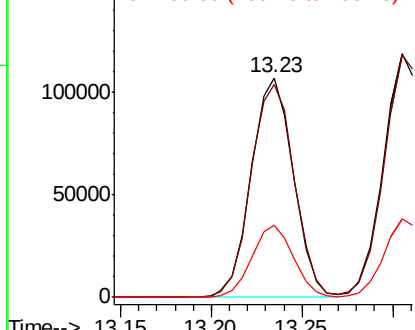
#43
 2,4,6-Trichlorophenol
 Concen: 52.937 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

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

Tgt Ion:196 Resp: 174070
 Ion Ratio Lower Upper
 196 100
 198 97.1 80.6 121.0
 200 32.9 26.1 39.1

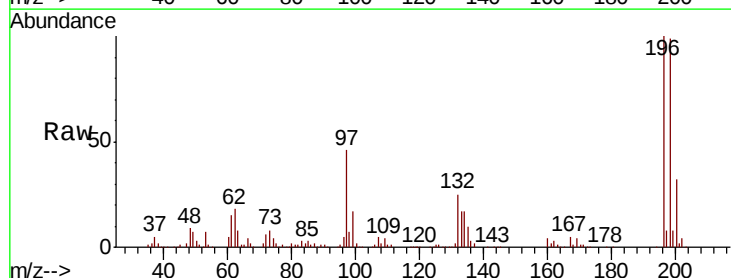


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

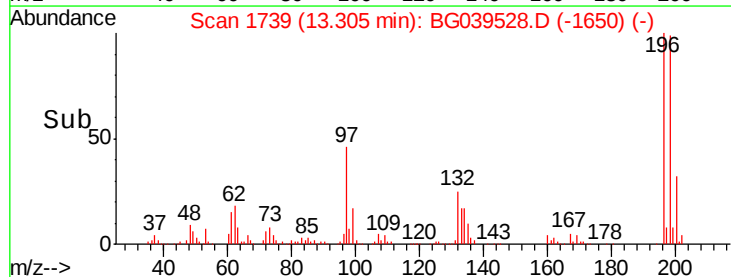
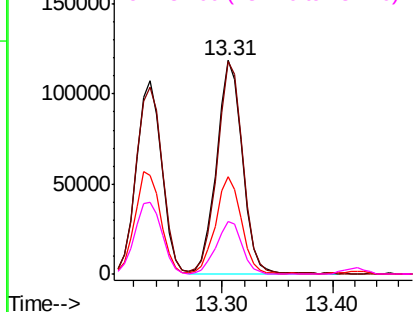


#44
 2,4,5-Trichlorophenol
 Concen: 55.698 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

Tgt Ion:196 Resp: 191956
 Ion Ratio Lower Upper
 196 100
 198 99.4 78.5 117.7
 97 45.7 38.4 57.6
 132 24.8 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

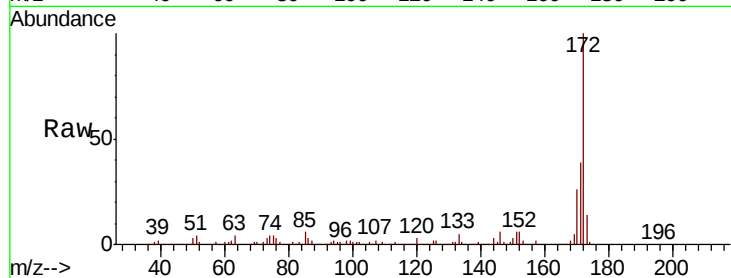




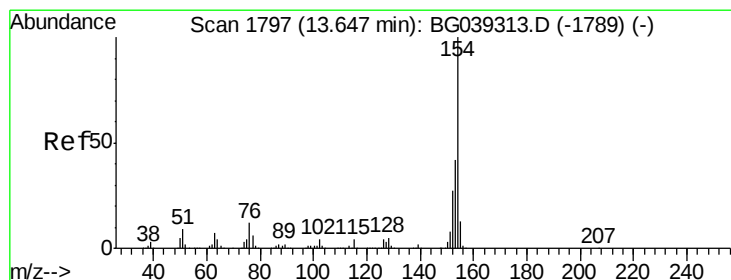
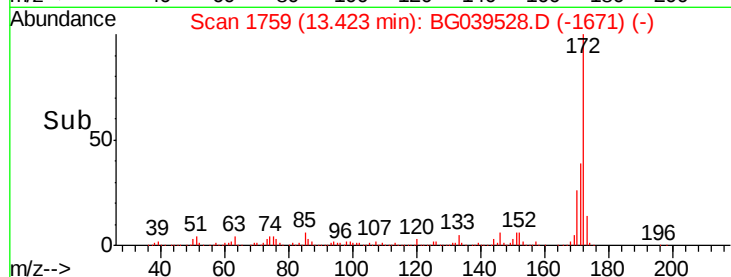
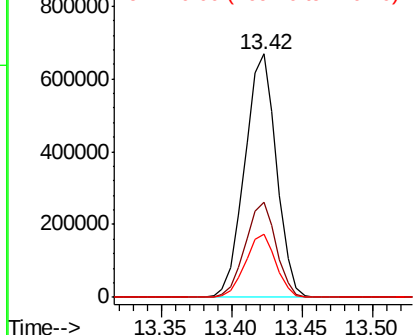
#45
 2-Fluorobiphenyl
 Concen: 89.389 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

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

Tgt Ion:172 Resp: 1047372
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.8 46.2
 170 26.1 20.2 30.4

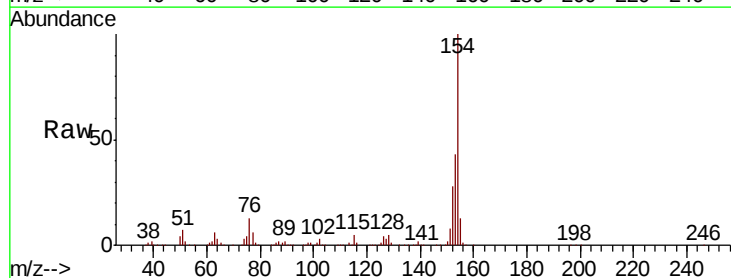


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

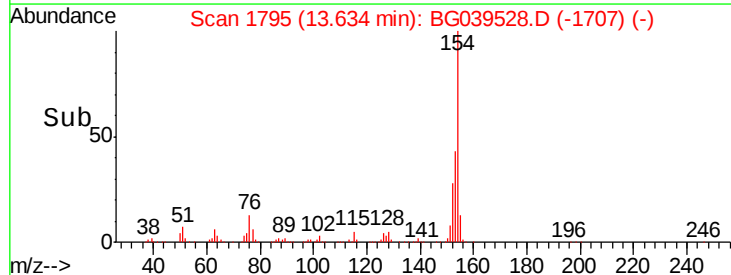
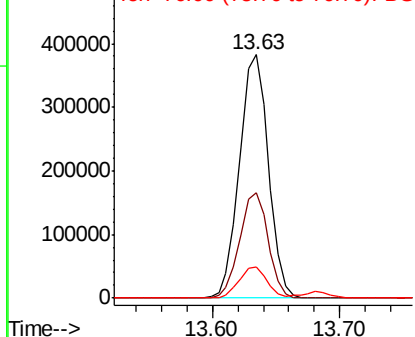


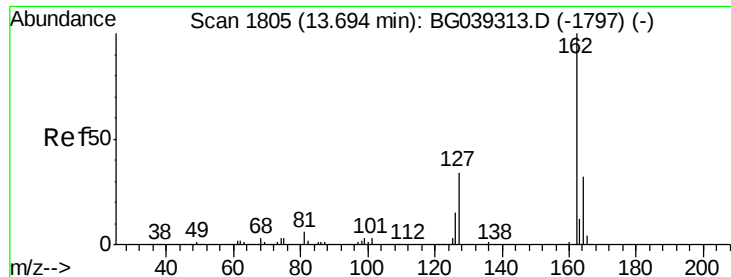
#46
 1,1'-Biphenyl
 Concen: 43.110 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

Tgt Ion:154 Resp: 602900
 Ion Ratio Lower Upper
 154 100
 153 43.2 22.1 62.1
 76 12.6 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 44.760 ng

RT: 13.68 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

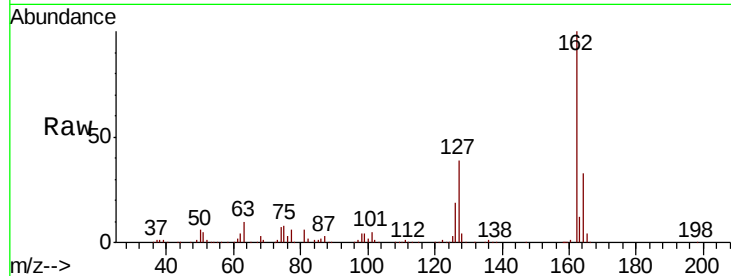
Tgt Ion: 162 Resp: 470908

Ion Ratio Lower Upper

162 100

127 38.7 31.0 46.6

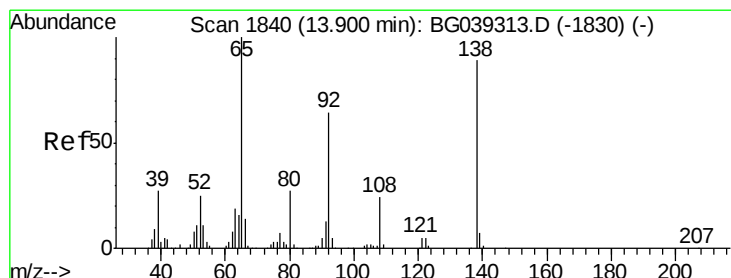
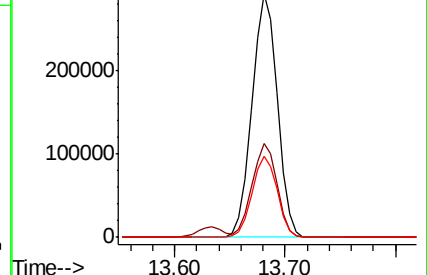
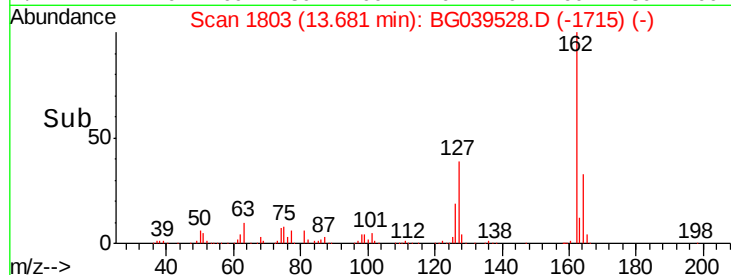
164 33.2 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 53.748 ng

RT: 13.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

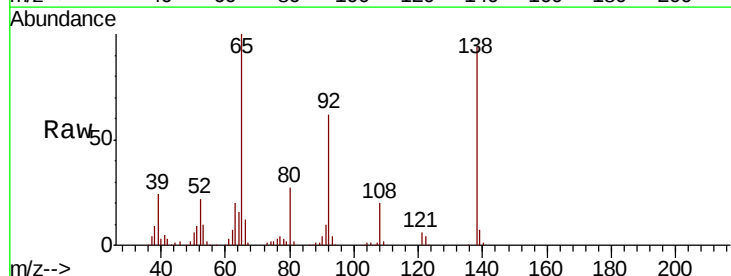
Tgt Ion: 65 Resp: 166069

Ion Ratio Lower Upper

65 100

92 61.6 51.4 77.2

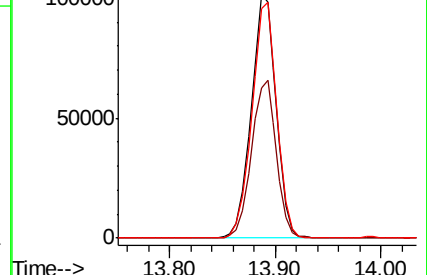
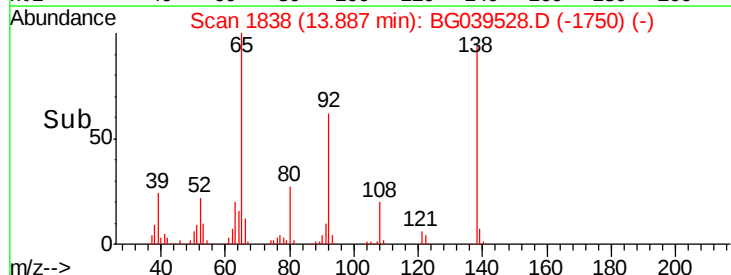
138 94.1 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.325 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

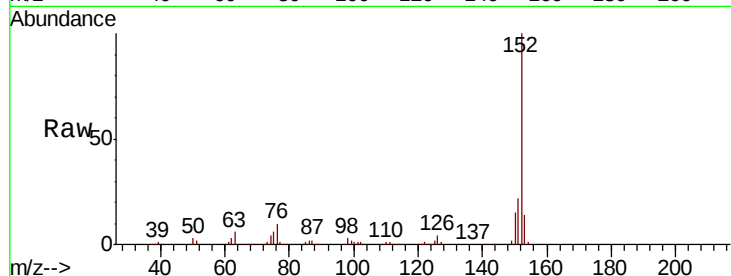
Tgt Ion:152 Resp: 751288

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

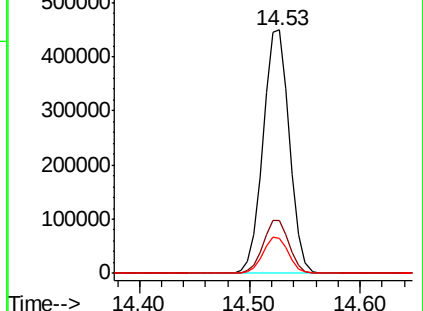
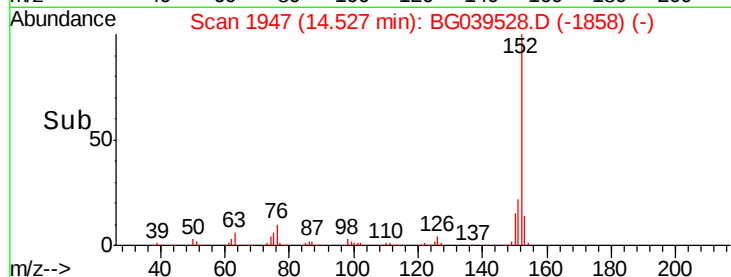
153 14.3 11.7 17.5



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: 45.682 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

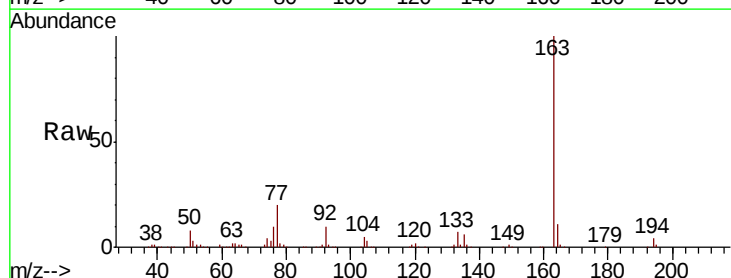
Tgt Ion:163 Resp: 620156

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

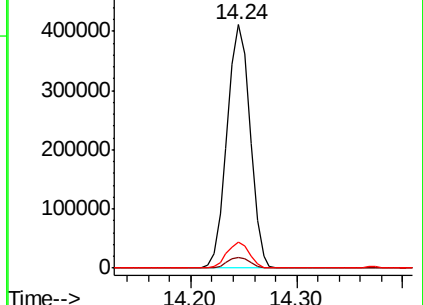
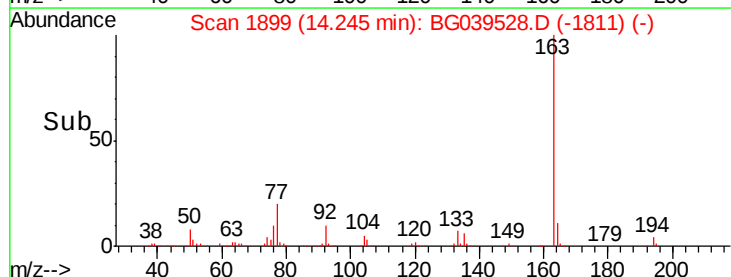
164 10.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

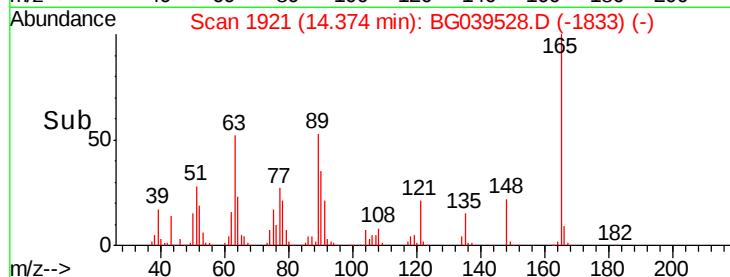
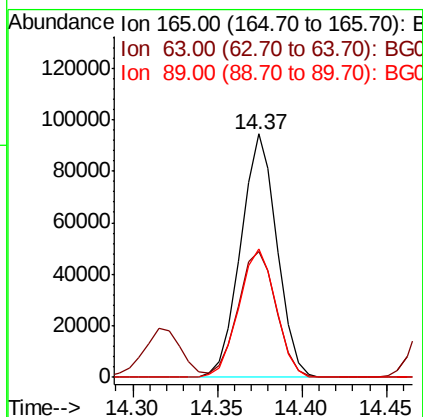
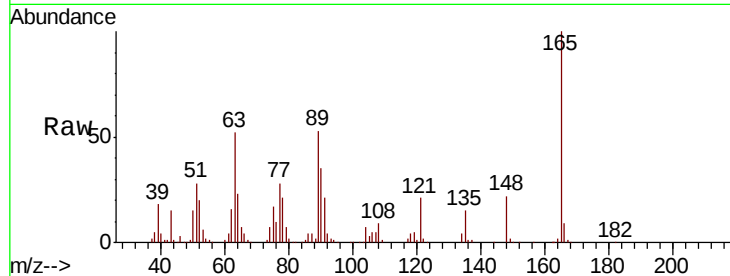




#51
 2,6-Dinitrotoluene
 Concen: 54.367 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

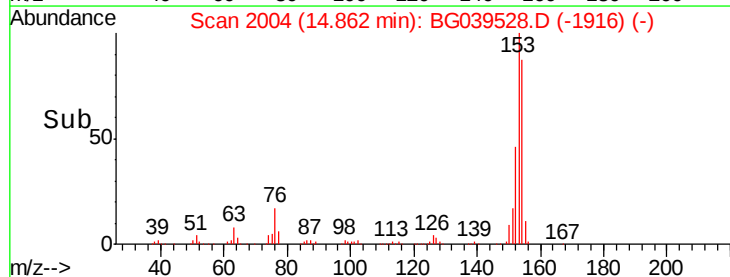
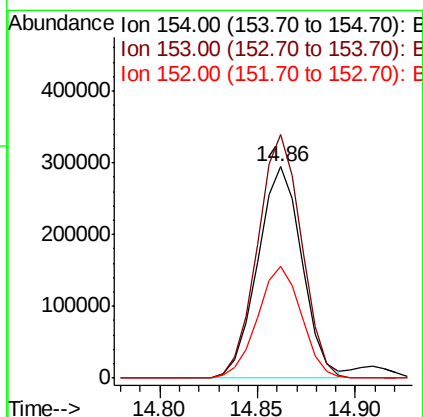
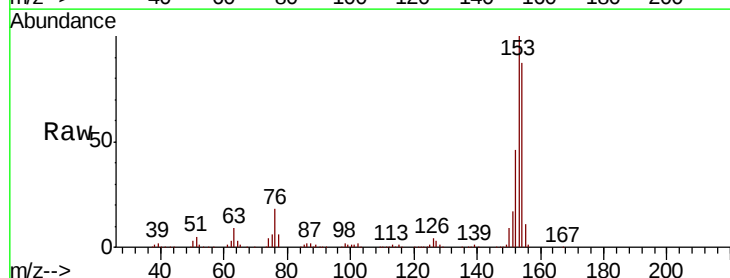
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-AMSD

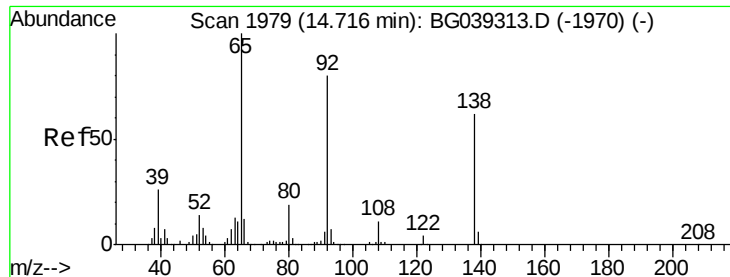
Tgt Ion:165 Resp: 140497
 Ion Ratio Lower Upper
 165 100
 63 51.9 47.0 70.6
 89 52.5 45.8 68.8



#52
 Acenaphthene
 Concen: 44.831 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

Tgt Ion:154 Resp: 461979
 Ion Ratio Lower Upper
 154 100
 153 115.2 90.1 135.1
 152 52.9 40.9 61.3

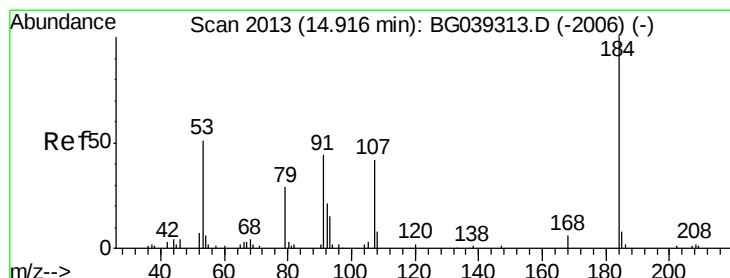
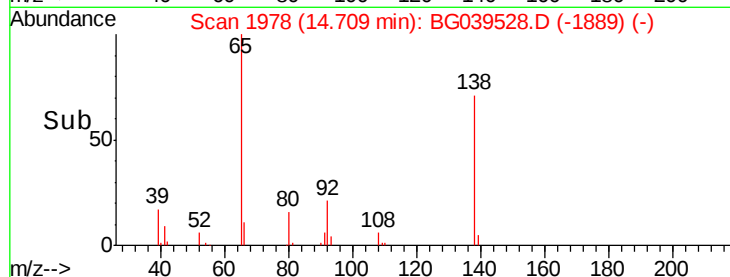
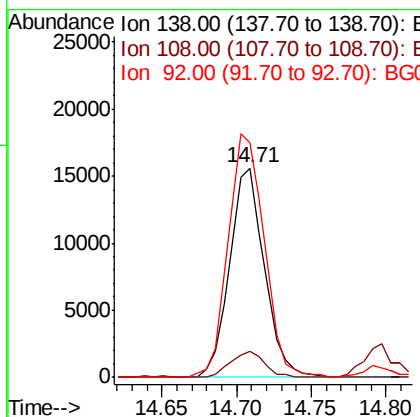
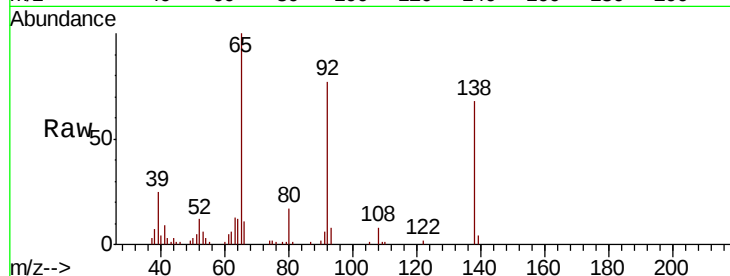




#53
3-Nitroaniline
Concen: 13.919 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

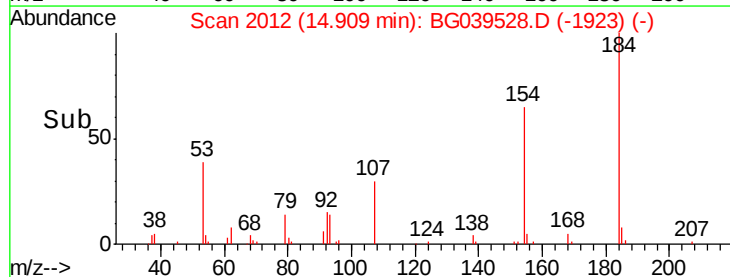
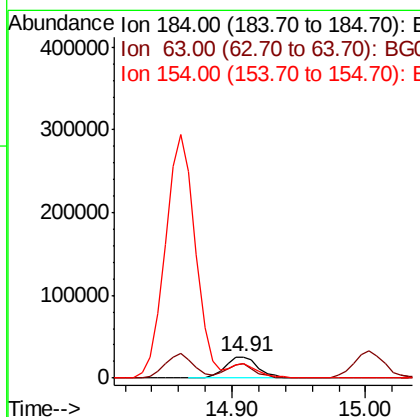
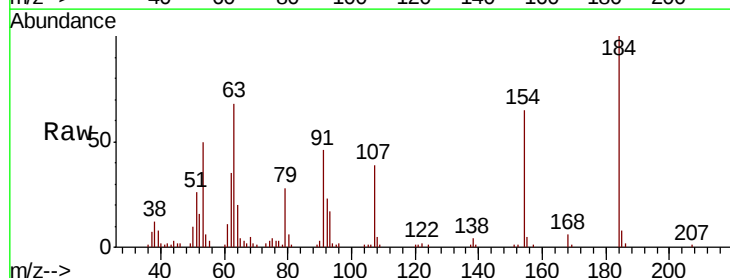
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMSD

Tgt Ion:138 Resp: 25299
Ion Ratio Lower Upper
138 100
108 12.2 13.8 20.8#
92 112.0 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 49.690 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

Tgt Ion:184 Resp: 45236
Ion Ratio Lower Upper
184 100
63 67.5 50.9 76.3
154 64.7 53.0 79.6

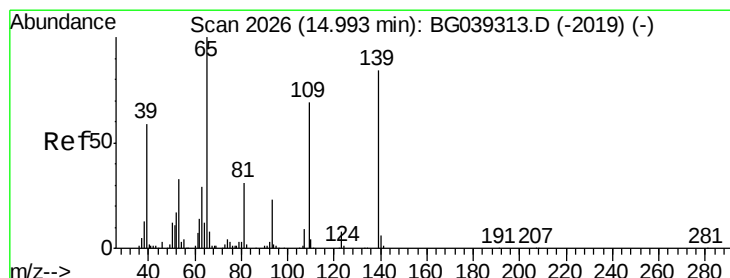
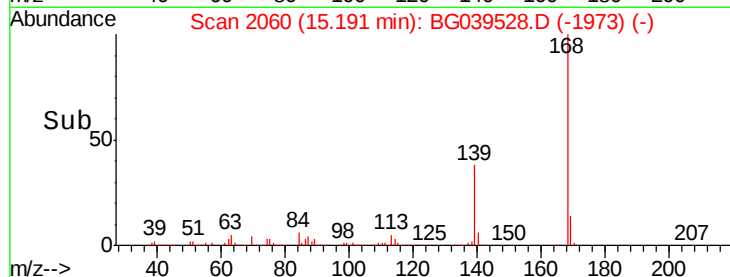
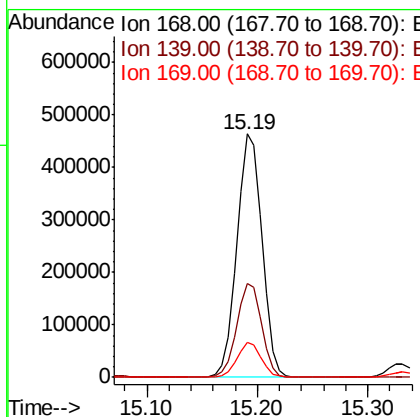
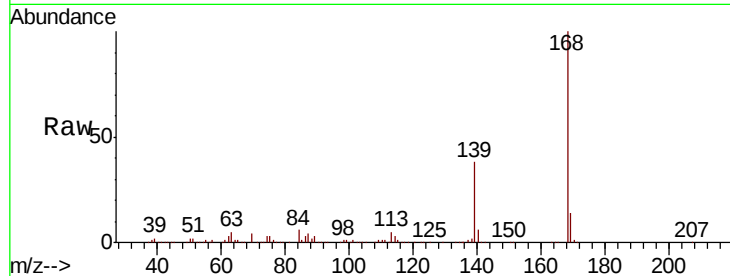




#55
Dibenzofuran
Concen: 44.803 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

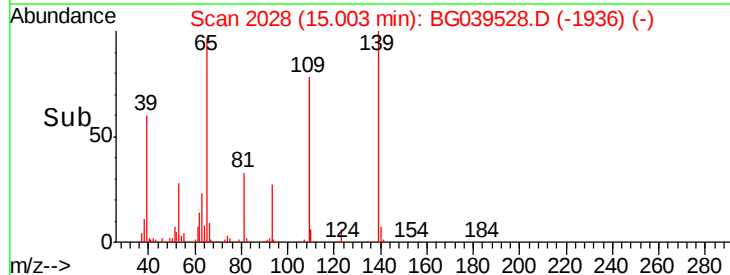
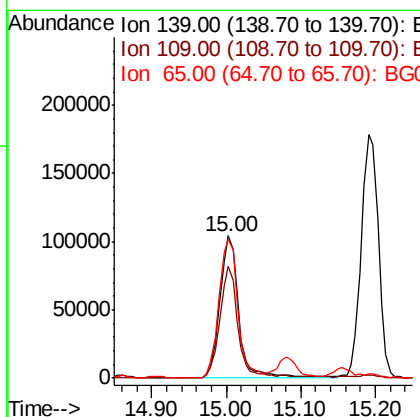
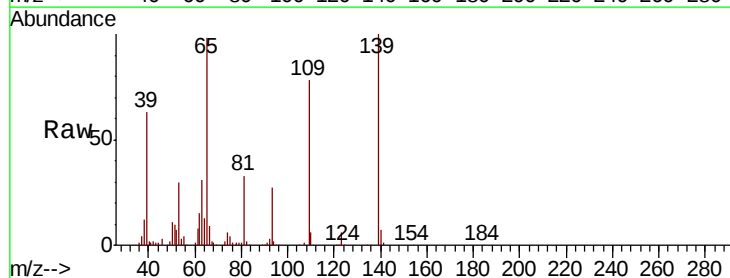
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	14.4	10.6	16.0



#56
4-Nitrophenol
Concen: 75.827 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.5	61.9	101.9
65	97.8	99.1	139.1#





#57

2,4-Dinitrotoluene

Concen: 58.946 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

Tgt Ion:165 Resp: 198501

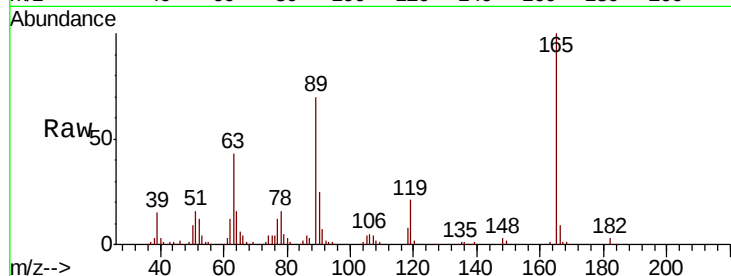
Ion Ratio Lower Upper

165 100

63 43.3 41.0 61.6

89 69.7 64.6 96.8

182 2.7 2.0 3.0

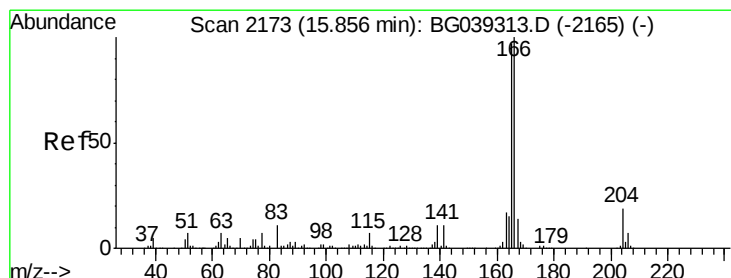
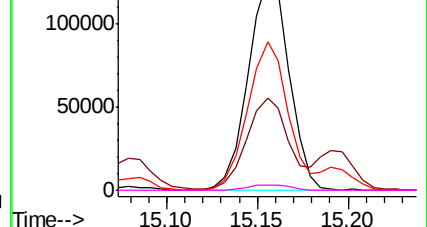
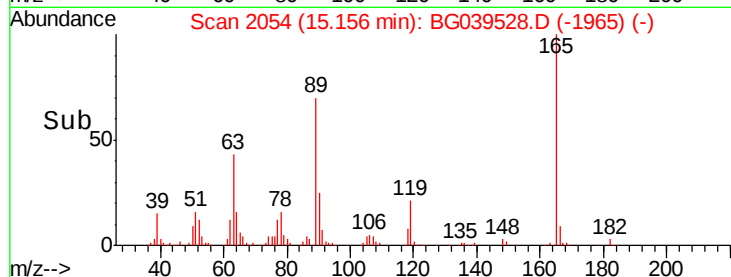


Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.634 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

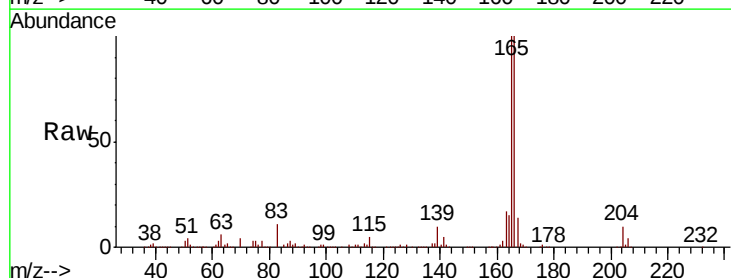
Tgt Ion:166 Resp: 586687

Ion Ratio Lower Upper

166 100

165 100.4 77.9 116.9

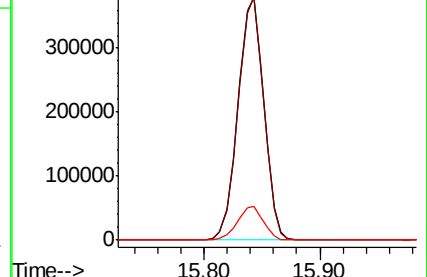
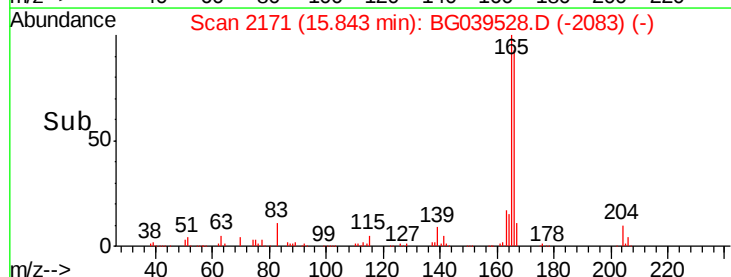
167 13.9 10.8 16.2

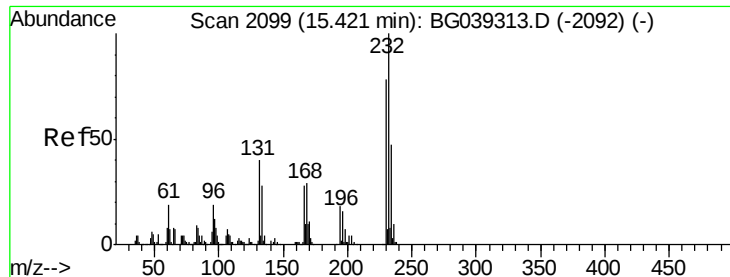


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

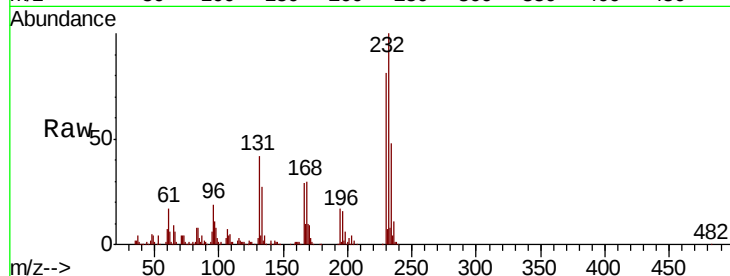




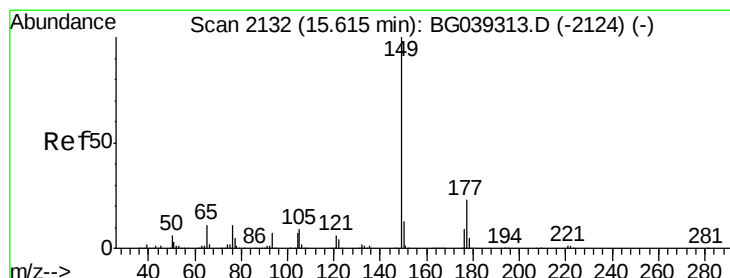
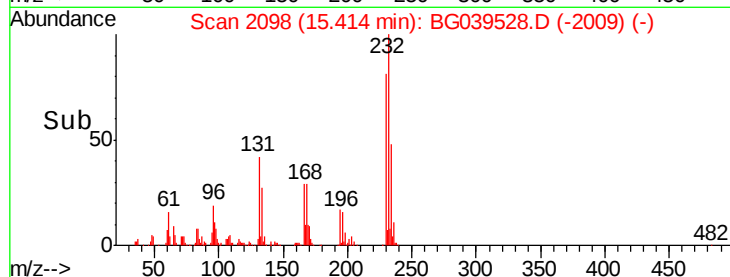
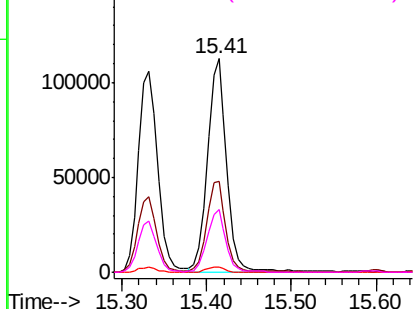
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.330 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

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

Tgt Ion:	232	Resp:	178543
Ion	Ratio	Lower	Upper
232	100		
131	41.1	34.9	52.3
130	2.3	2.0	3.0
166	28.2	24.1	36.1

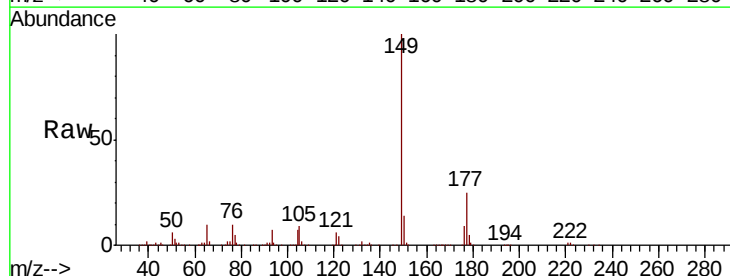


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

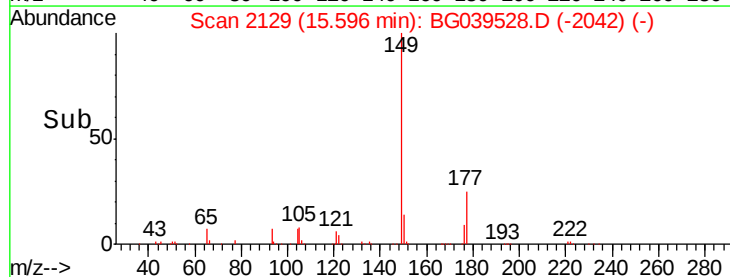
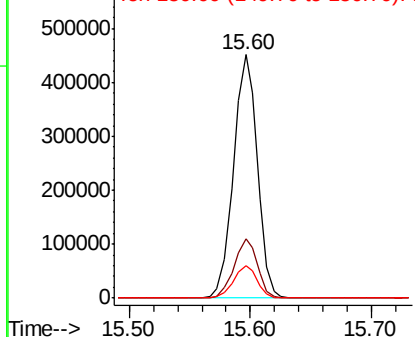


#60
 Diethylphthalate
 Concen: 44.055 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039528.D
 Acq: 15 Feb 2019 19:25

Tgt Ion:	149	Resp:	618350
Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.3	27.5
150	13.6	10.2	15.2



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





#61

4-Chlorophenyl-phenylether

Concen: 45.448 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

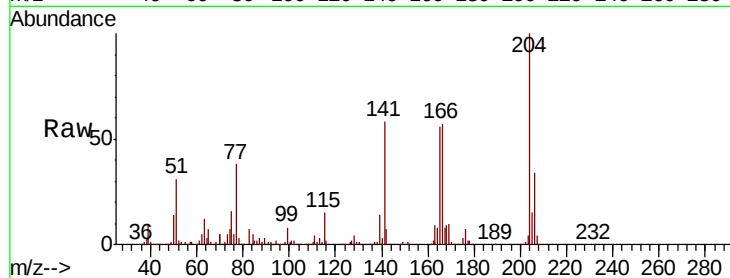
Tgt Ion:204 Resp: 316957

Ion Ratio Lower Upper

204 100

206 33.6 29.2 43.8

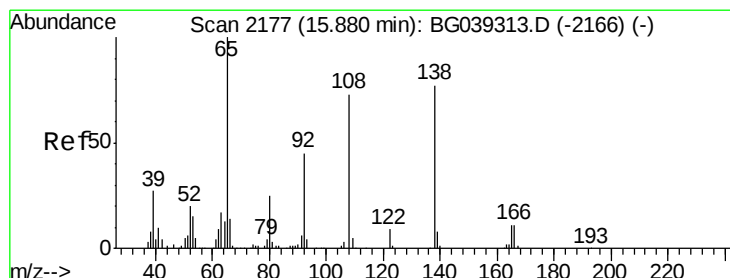
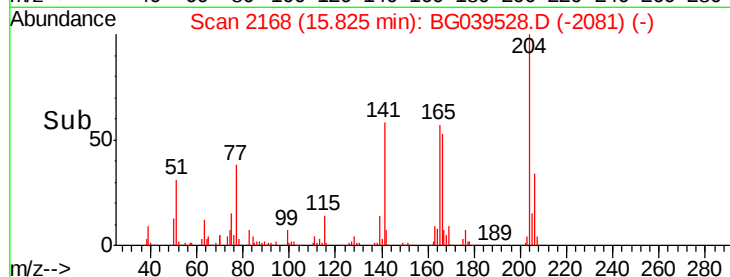
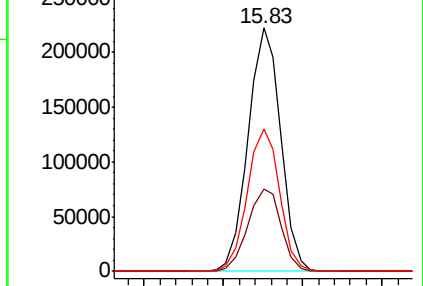
141 58.3 49.0 73.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 49.830 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

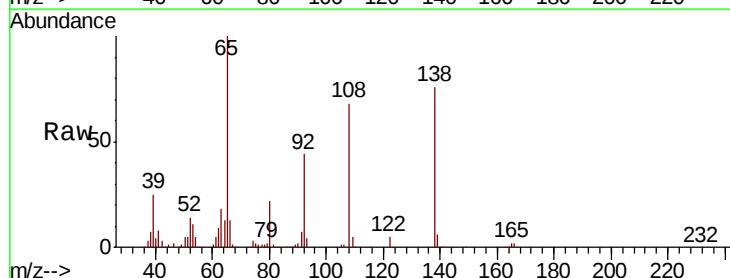
Tgt Ion:138 Resp: 142351

Ion Ratio Lower Upper

138 100

92 58.2 38.7 78.7

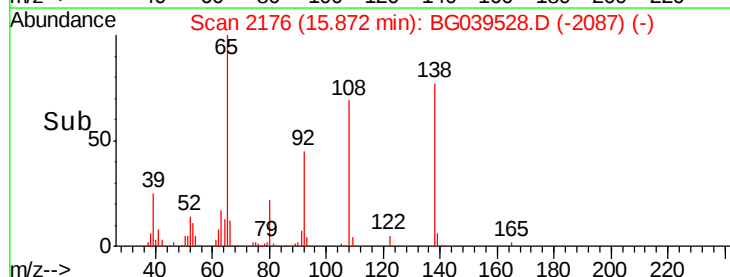
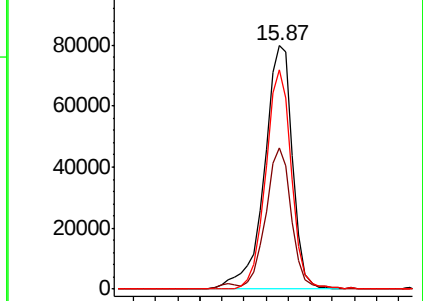
108 90.0 74.6 114.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.273 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

Tgt Ion: 77 Resp: 566215

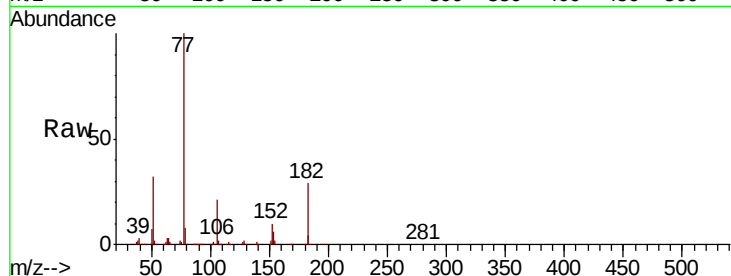
Ion Ratio Lower Upper

77 100

182 28.5 6.4 46.4

105 20.8 0.0 39.8

51 31.9 14.1 54.1

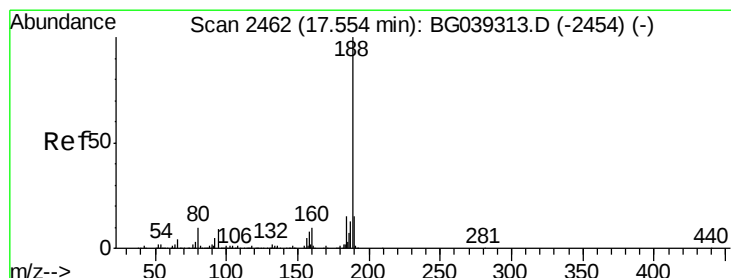
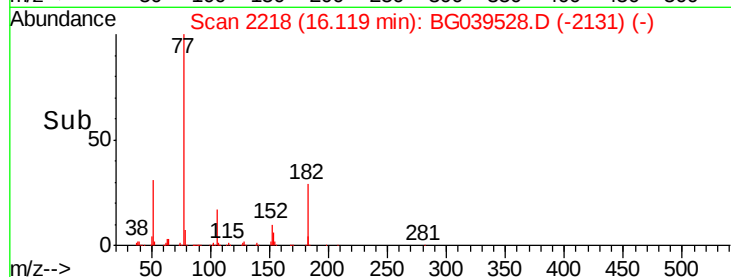
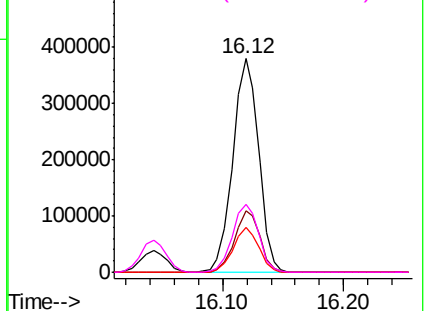


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039528.D

Acq: 15 Feb 2019 19:25

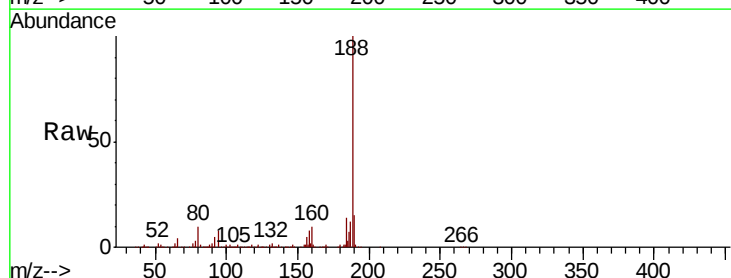
Tgt Ion: 188 Resp: 389841

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

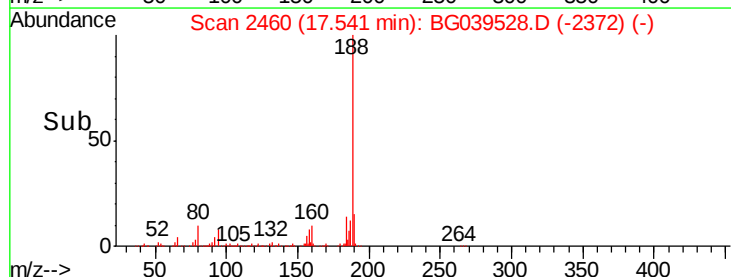
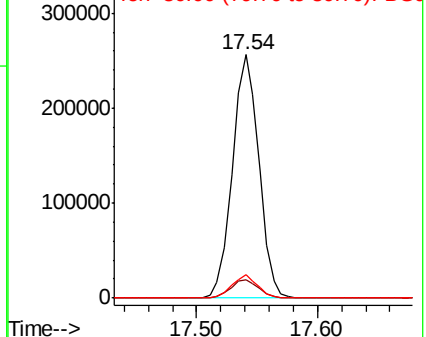
80 9.6 8.1 12.1

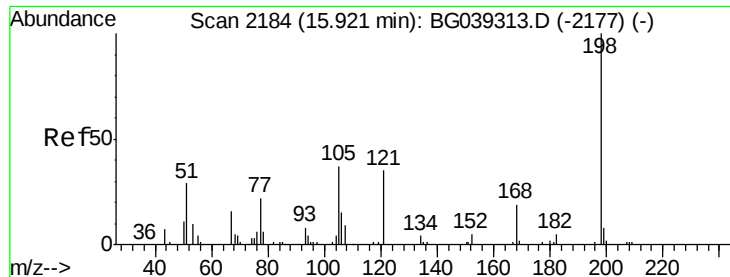


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.082 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

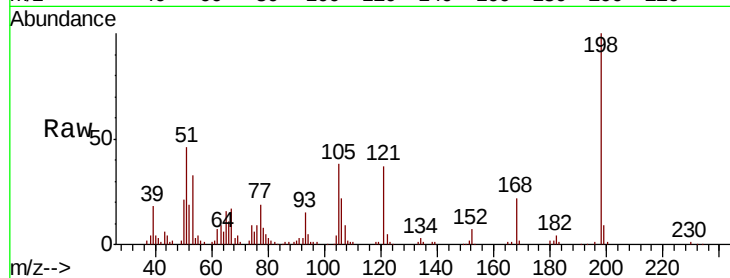
Tgt Ion:198 Resp: 55286

Ion Ratio Lower Upper

198 100

51 45.7 27.4 67.4

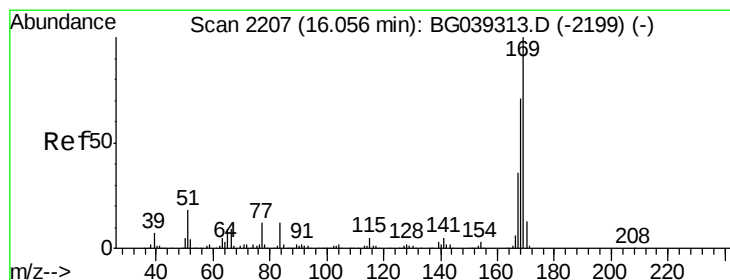
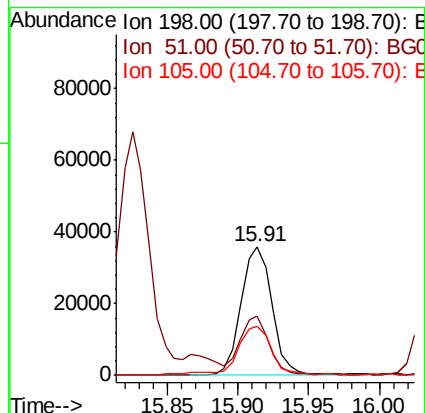
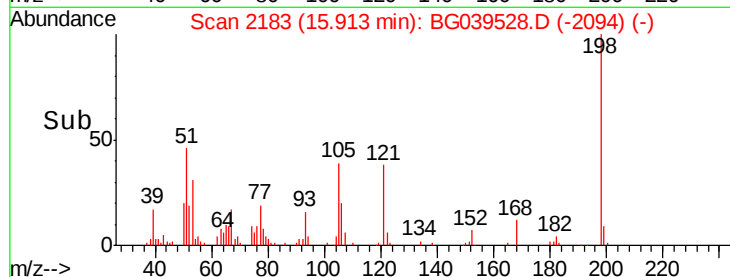
105 38.1 19.7 59.7



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: 45.120 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

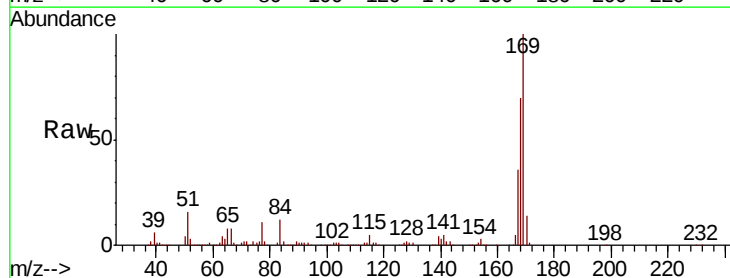
Tgt Ion:169 Resp: 534844

Ion Ratio Lower Upper

169 100

168 69.9 56.6 85.0

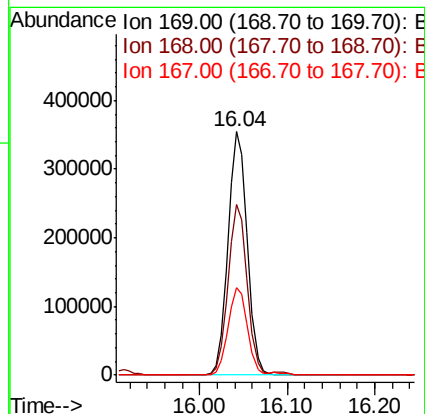
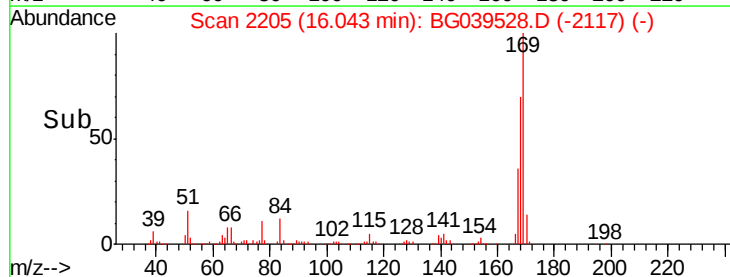
167 35.8 28.8 43.2

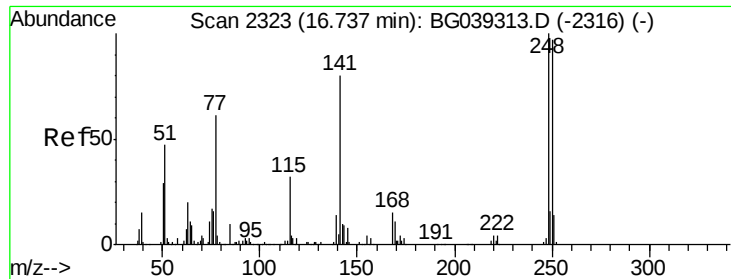


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

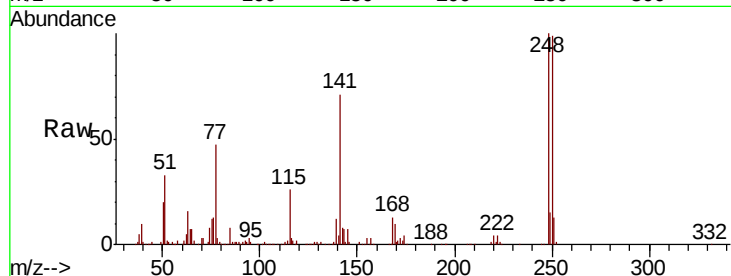




#67
4-Bromophenyl-phenylether
Concen: 47.862 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

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

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.6	116.4
141	71.2	63.9	95.9

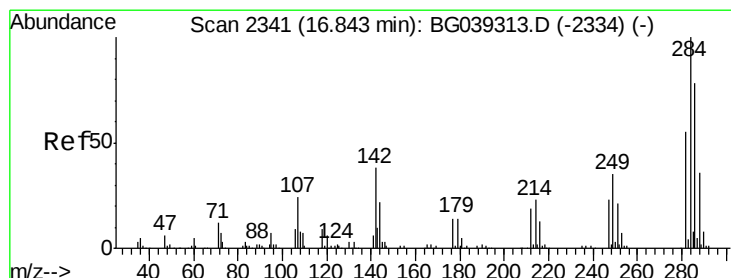
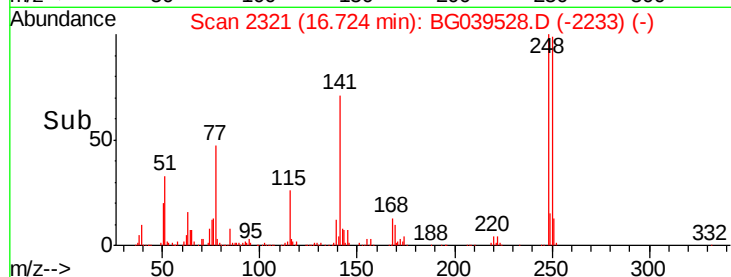
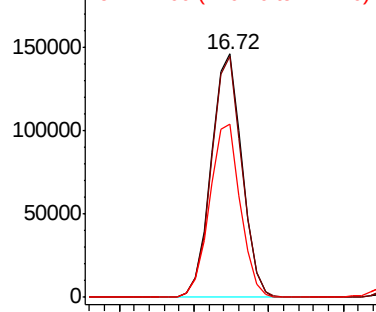


Abundance

Ion 248.00 (247.70 to 248.70): E

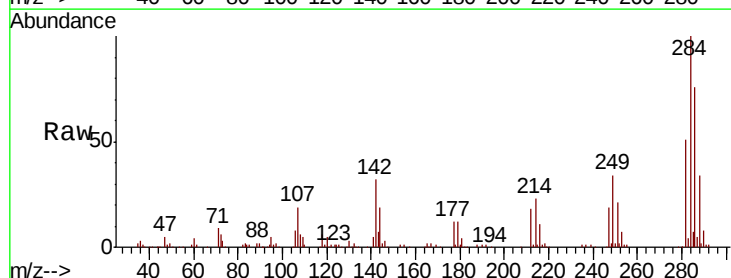
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.017 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	30.6	45.8
249	34.4	28.2	42.2

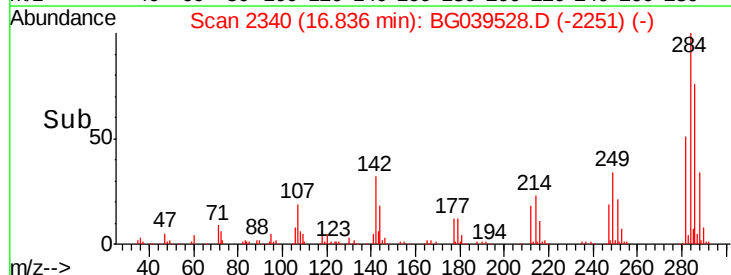
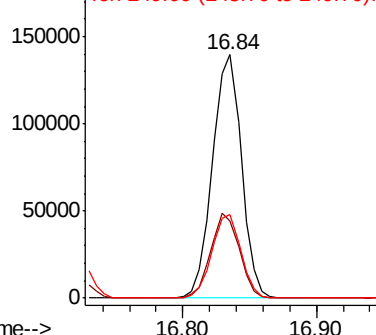


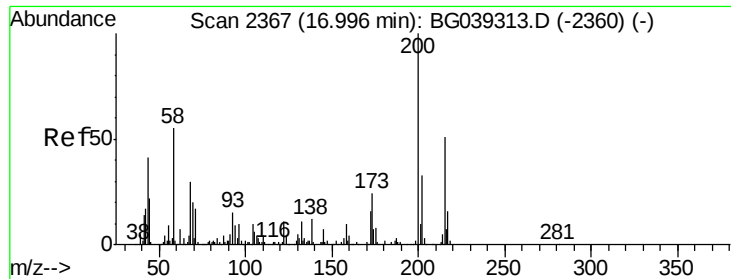
Abundance

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: 47.164 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

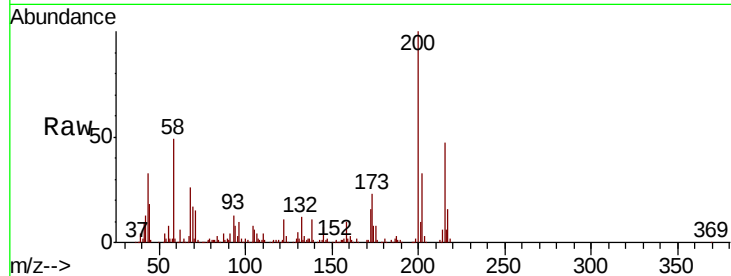
Tgt Ion:200 Resp: 204308

Ion Ratio Lower Upper

200 100

173 22.9 3.9 43.9

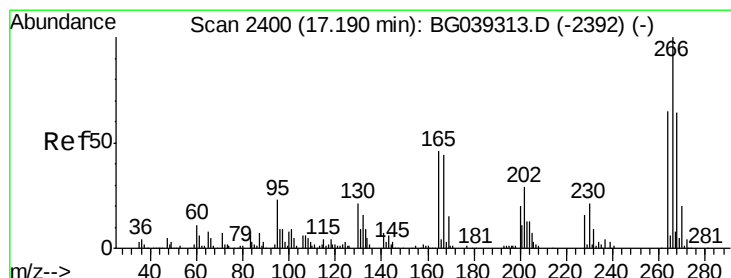
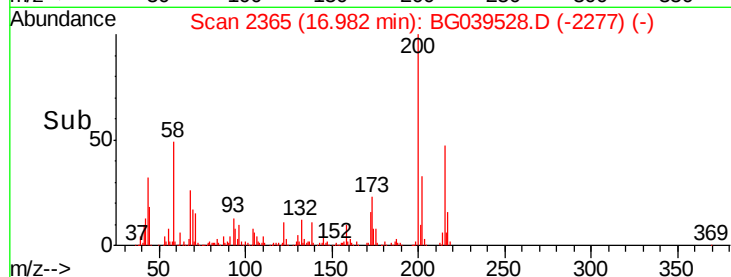
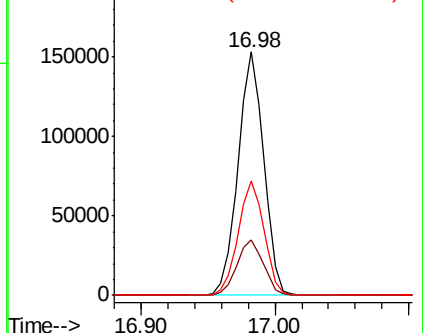
215 46.9 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 57.278 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

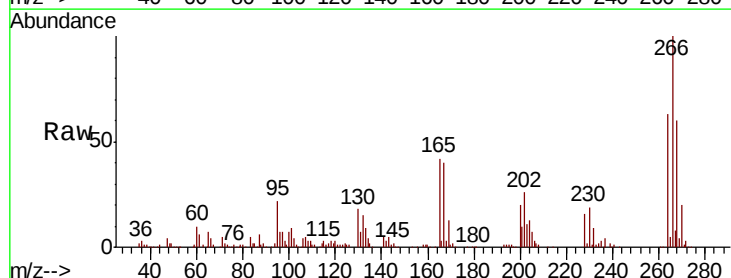
Tgt Ion:266 Resp: 172736

Ion Ratio Lower Upper

266 100

268 60.3 51.1 76.7

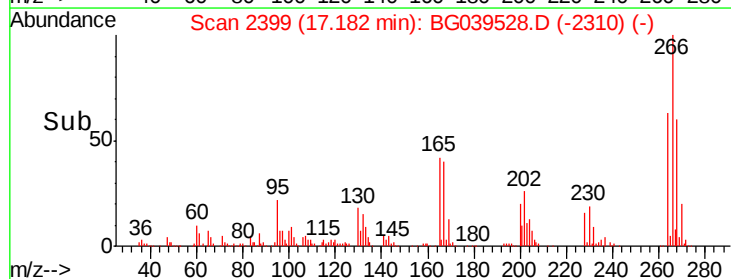
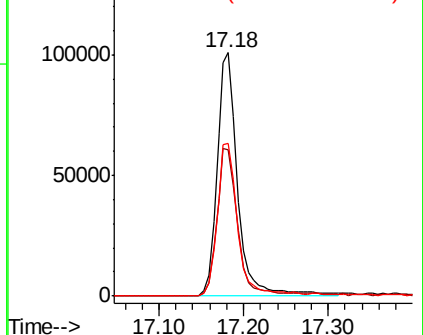
264 62.7 52.1 78.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

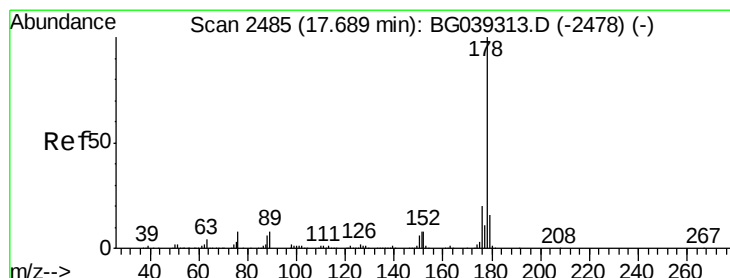
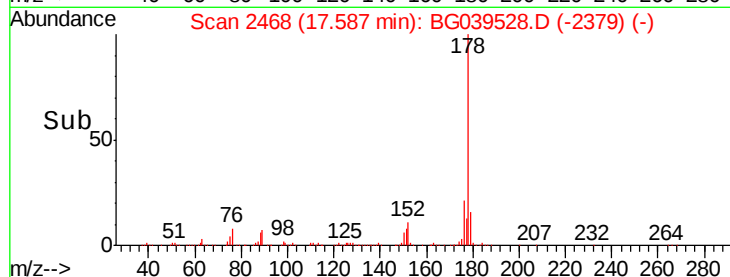
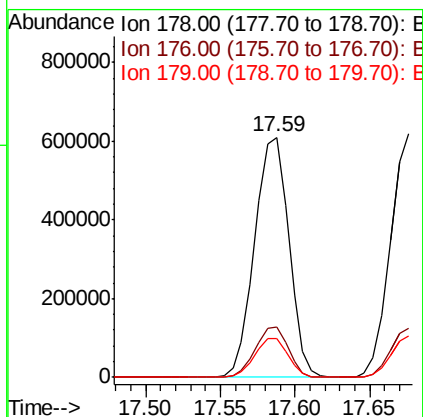
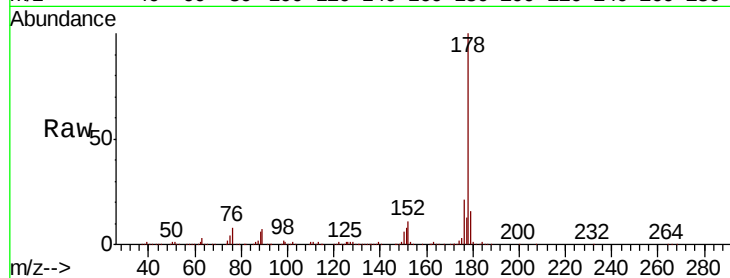




#71
Phenanthrene
Concen: 47.897 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

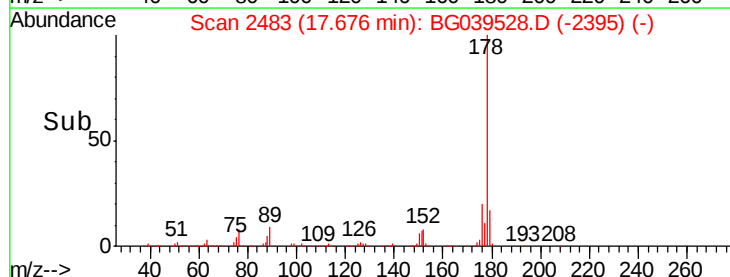
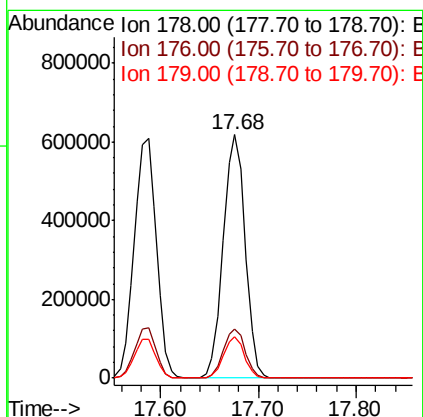
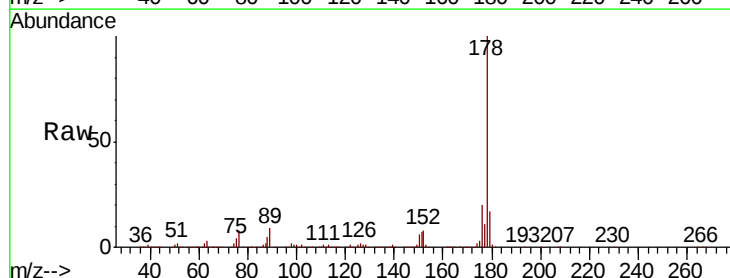
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMSD

Tgt Ion:178 Resp: 966427
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.4 12.6 19.0



#72
Anthracene
Concen: 48.407 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

Tgt Ion:178 Resp: 962055
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 17.1 12.5 18.7





#73

Carbazole

Concen: 43.425 ng

RT: 17.95 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

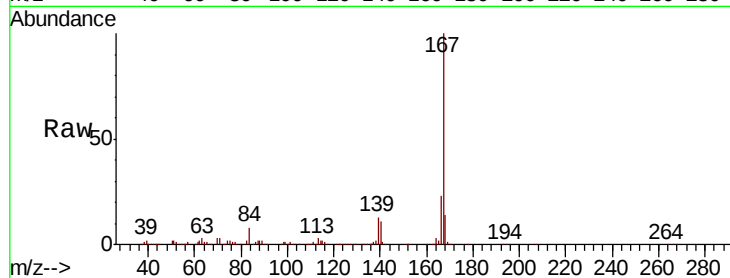
Tgt Ion:167 Resp: 861311

Ion Ratio Lower Upper

167 100

166 22.8 19.4 29.2

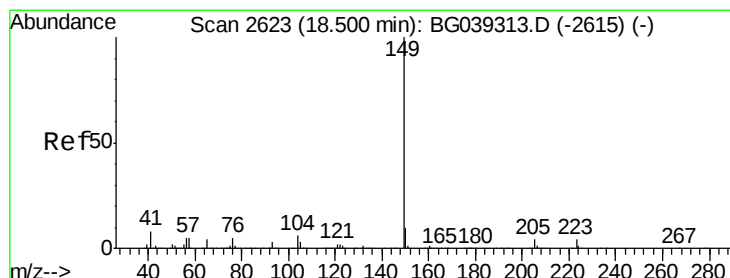
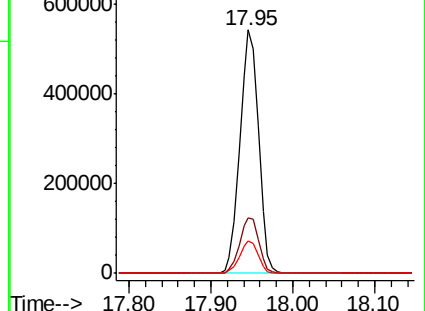
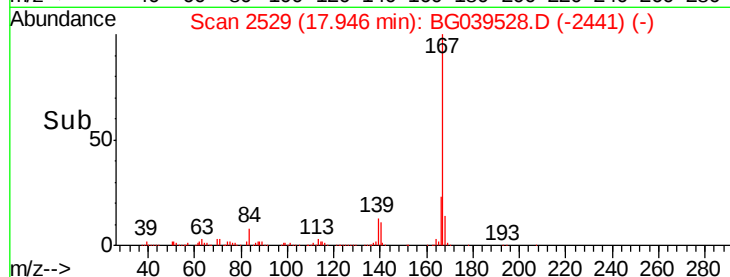
139 13.2 10.8 16.2



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: 44.428 ng

RT: 18.47 min Scan# 2619

Delta R.T. -0.03 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

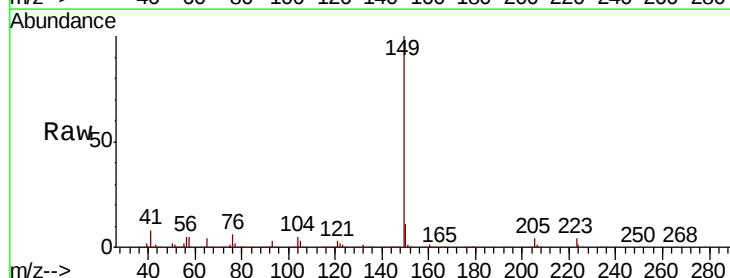
Tgt Ion:149 Resp: 1028039

Ion Ratio Lower Upper

149 100

150 10.6 7.7 11.5

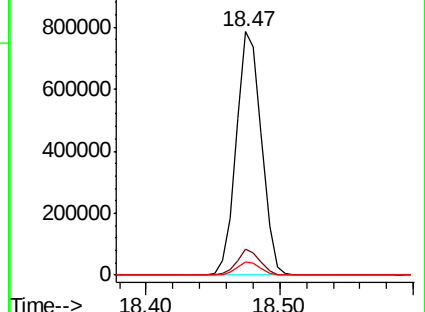
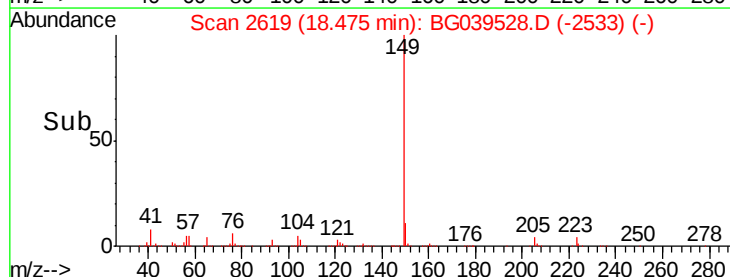
104 5.3 4.5 6.7

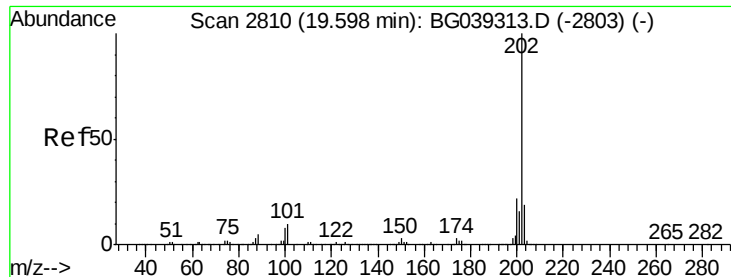


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.659 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

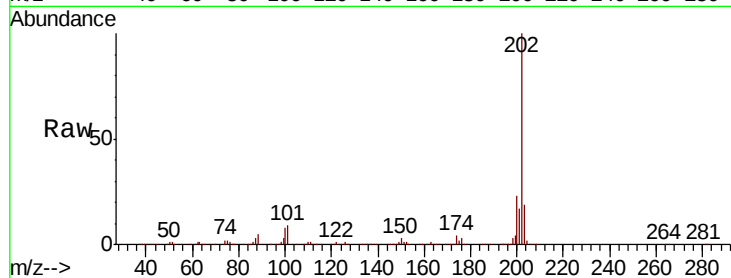
Tgt Ion:202 Resp: 1139556

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

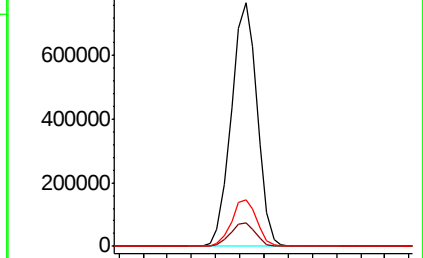
203 19.0 0.0 38.9



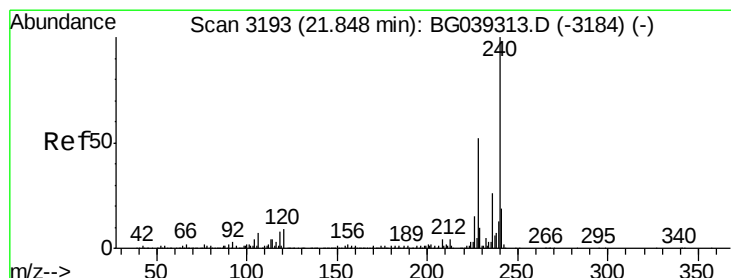
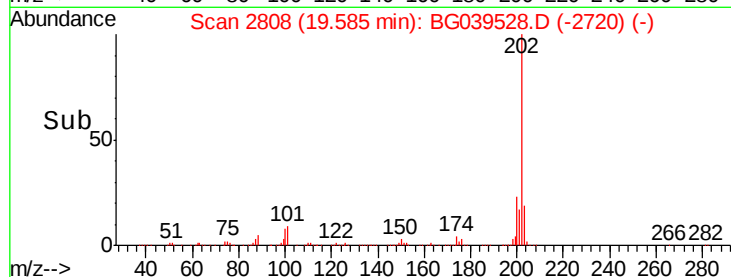
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

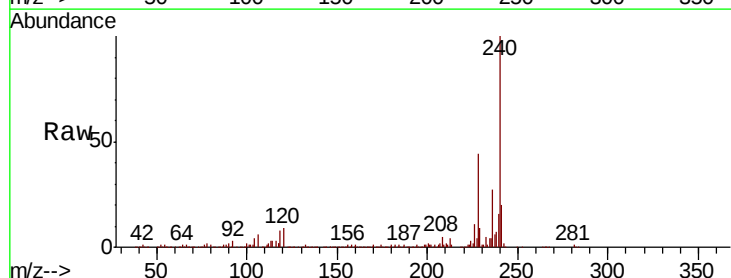
Tgt Ion:240 Resp: 393950

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

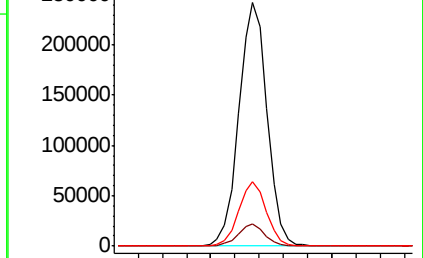
236 26.6 21.0 31.4



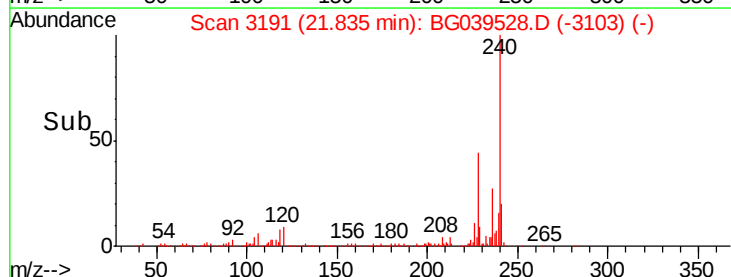
Abundance Ion 240.00 (239.70 to 240.70): E

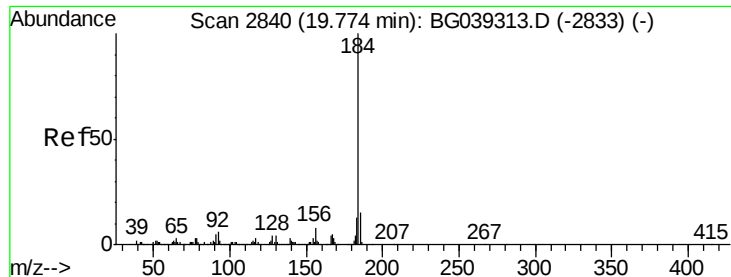
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

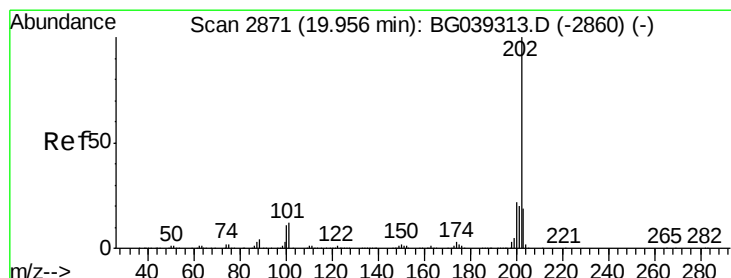
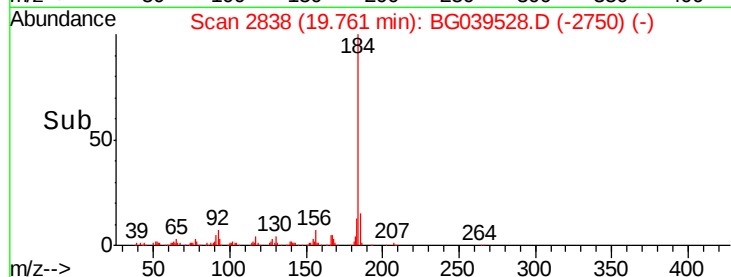
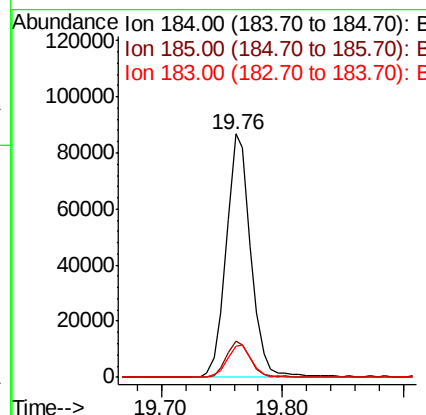
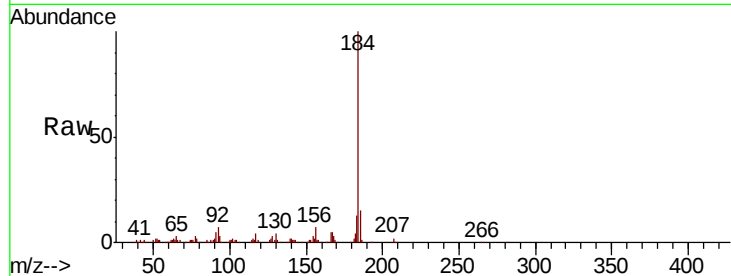




#77
Benzidine
Concen: 9.438 ng
RT: 19.76 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

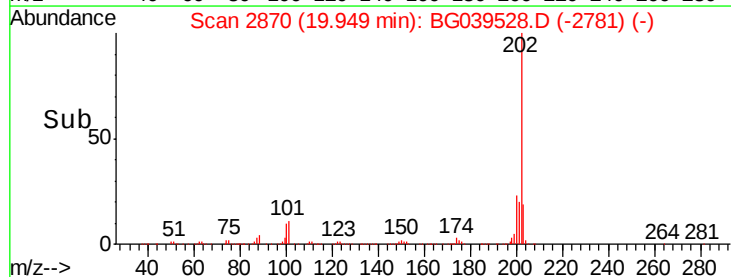
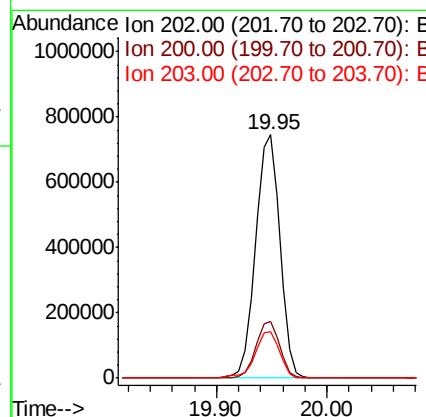
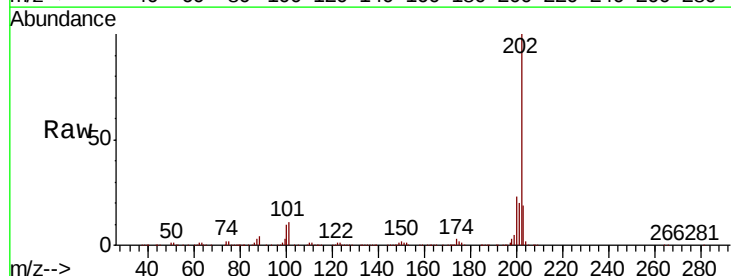
Instrument :
BNA_G
ClientSampleId :
CL-01-021419-AMSD

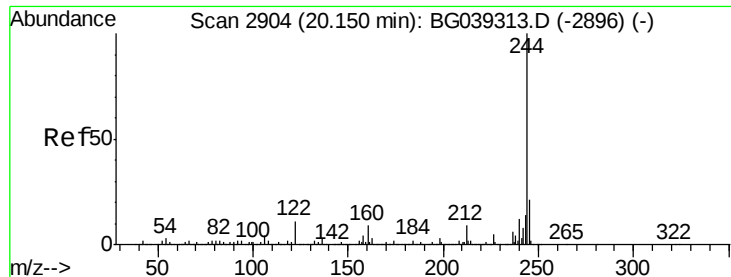
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.2
183	12.6	10.6	15.8



#78
Pyrene
Concen: 47.025 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.8	26.8
203	18.9	15.3	22.9





#79

Terphenyl-d14

Concen: 85.112 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

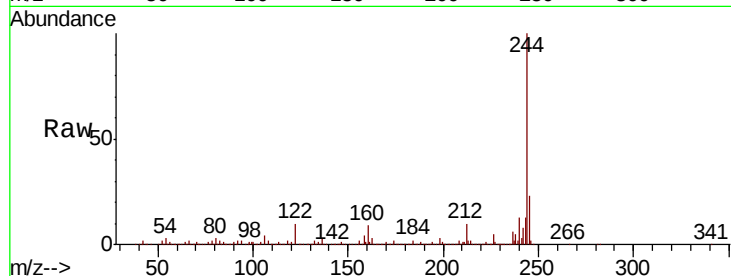
Tgt Ion:244 Resp: 1584069

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

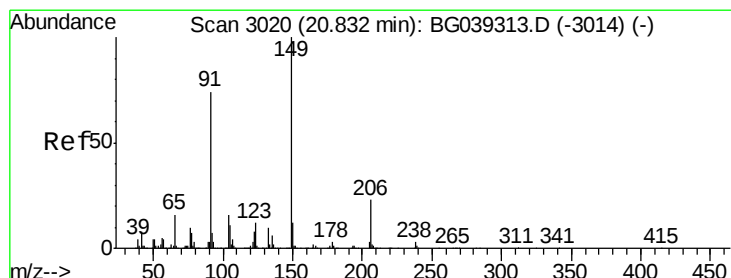
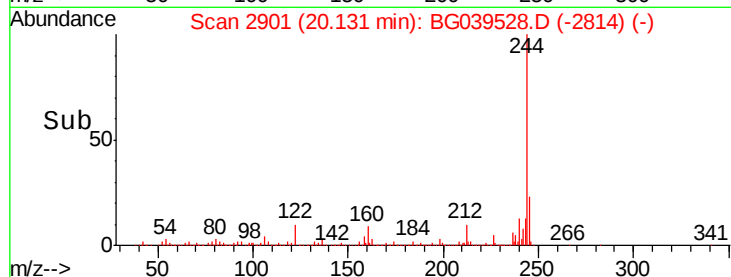
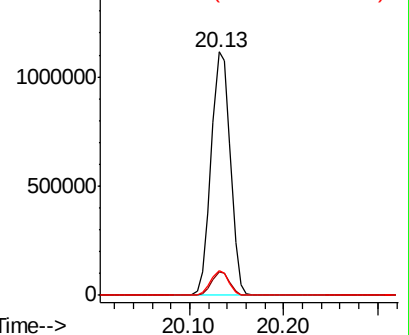
122 10.1 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.728 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

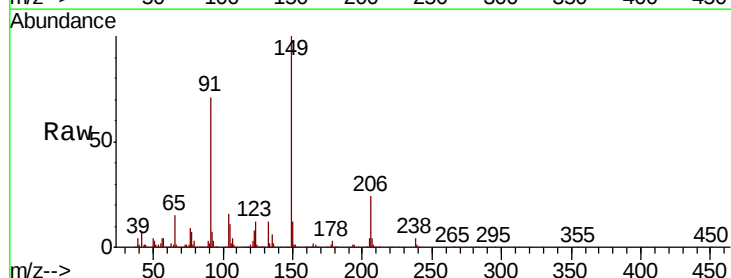
Tgt Ion:149 Resp: 493767

Ion Ratio Lower Upper

149 100

91 70.7 59.5 89.3

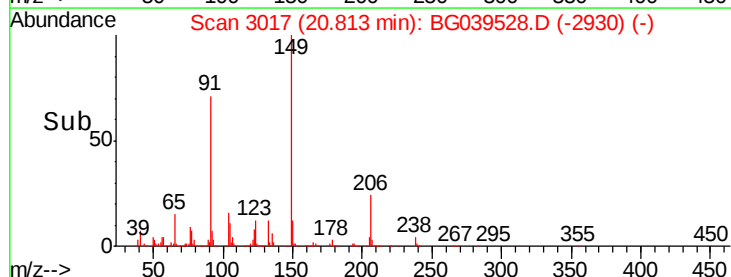
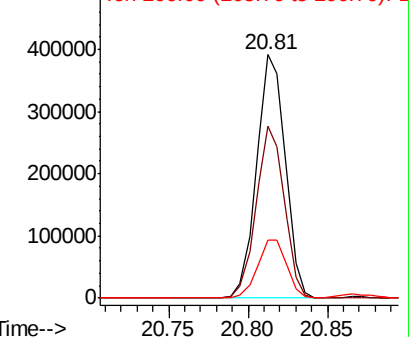
206 23.7 18.6 27.8

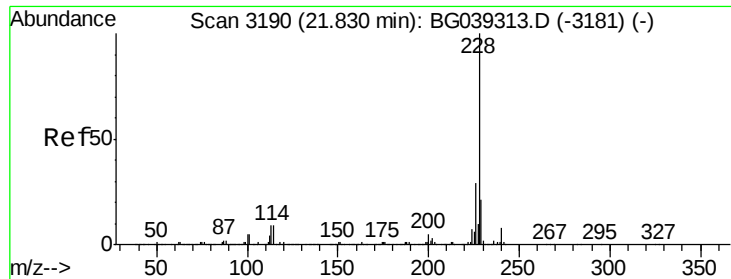


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.803 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

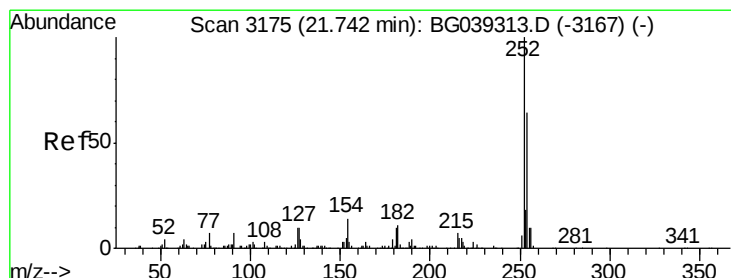
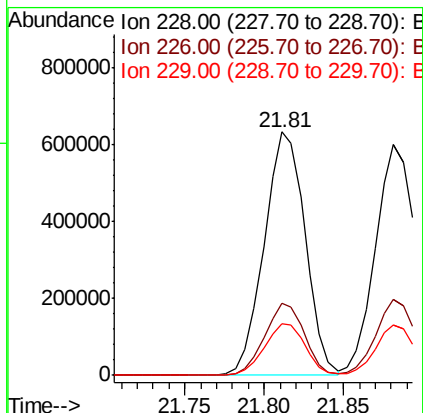
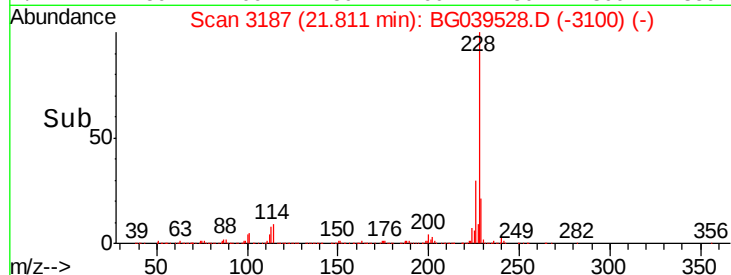
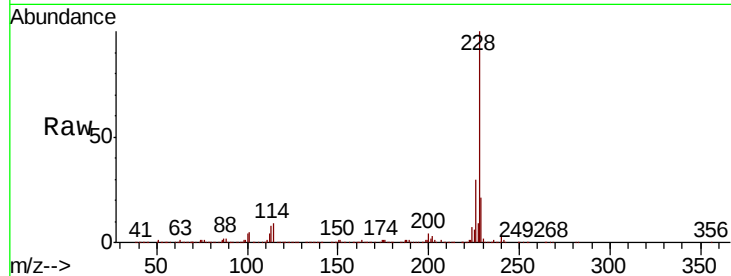
Tgt Ion:228 Resp: 1136048

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.6

229 21.1 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 13.114 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

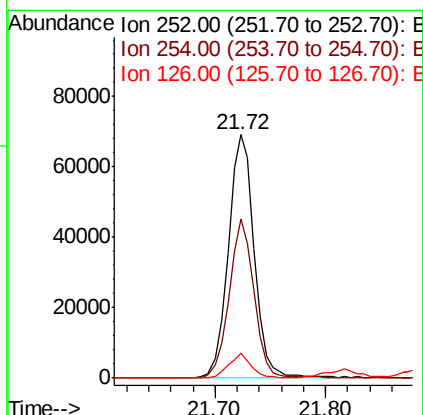
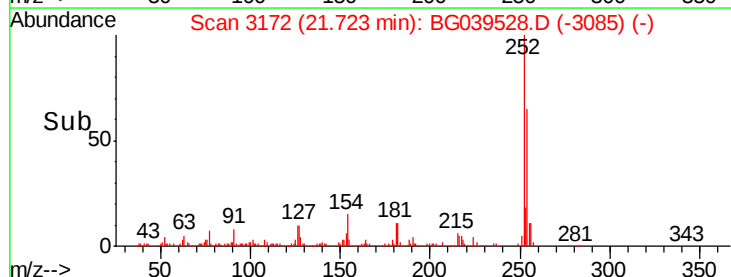
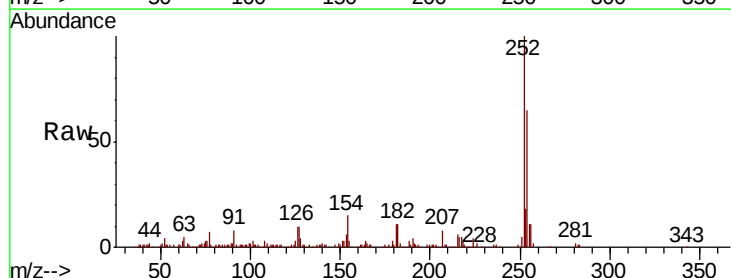
Tgt Ion:252 Resp: 113189

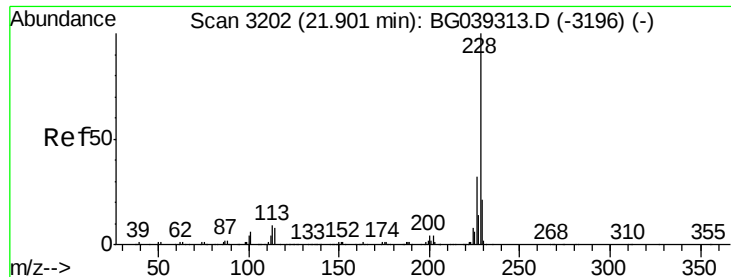
Ion Ratio Lower Upper

252 100

254 65.2 51.3 76.9

126 10.0 8.0 12.0





#83

Chrysene

Concen: 47.533 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

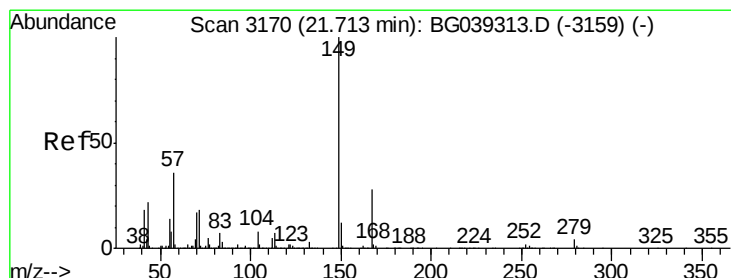
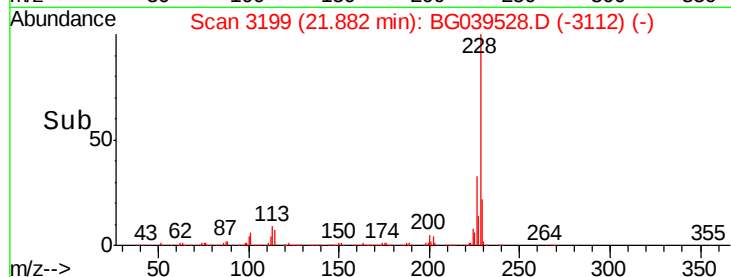
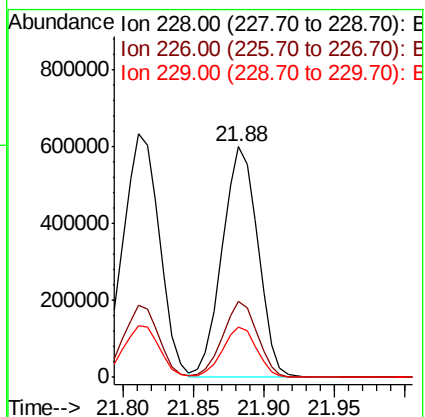
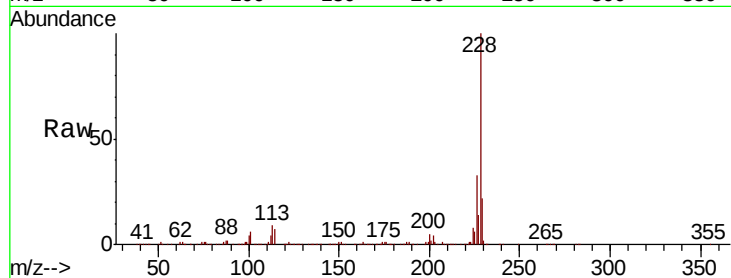
Tgt Ion:228 Resp: 1053302

Ion Ratio Lower Upper

228 100

226 32.8 25.8 38.6

229 22.1 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.204 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

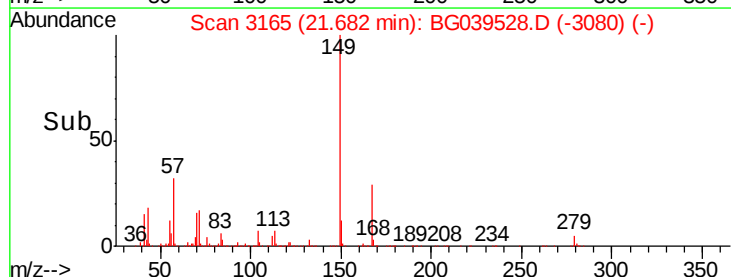
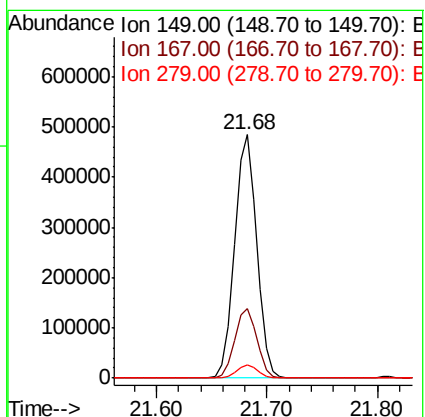
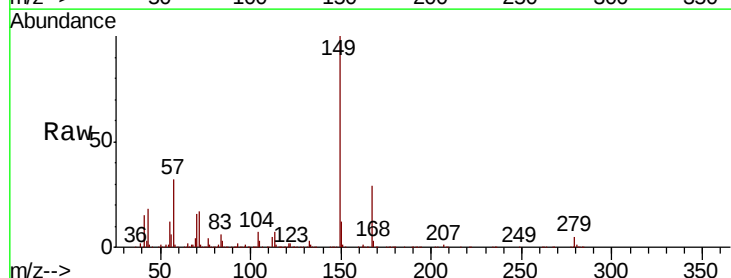
Tgt Ion:149 Resp: 681922

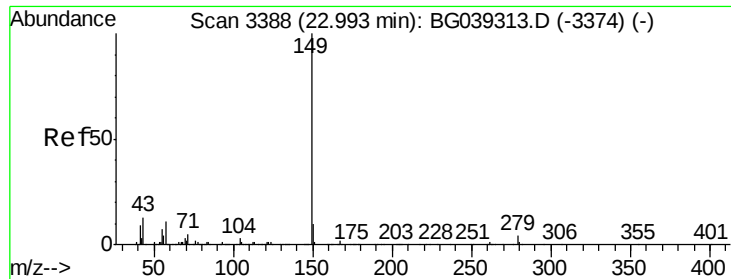
Ion Ratio Lower Upper

149 100

167 28.8 22.6 34.0

279 5.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 47.888 ng

RT: 22.94 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

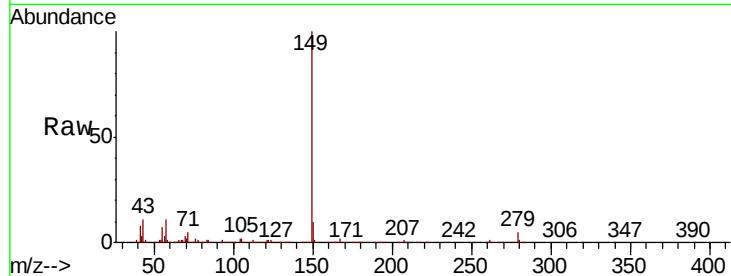
Tgt Ion:149 Resp: 1167671

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

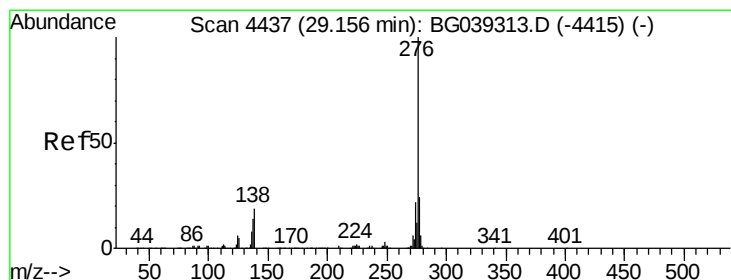
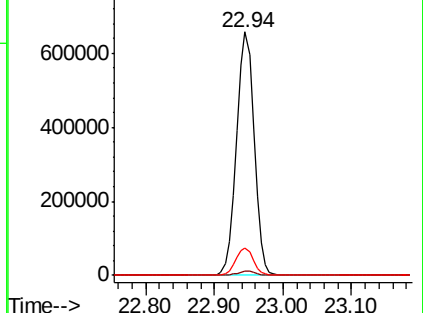
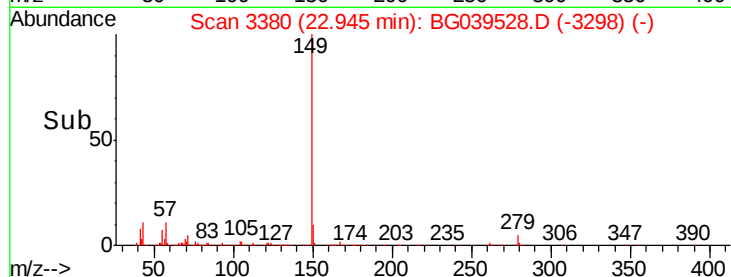
43 11.1 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.032 ng

RT: 29.11 min Scan# 4429

Delta R.T. -0.05 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

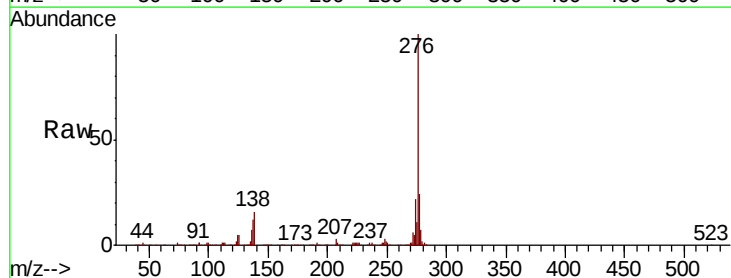
Tgt Ion:276 Resp: 1237065

Ion Ratio Lower Upper

276 100

138 11.3 12.6 19.0#

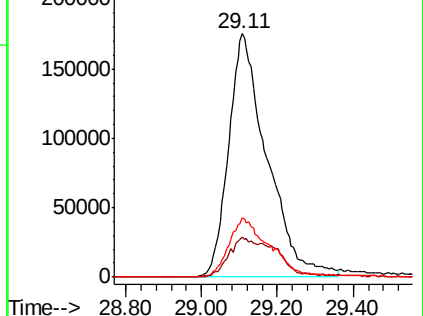
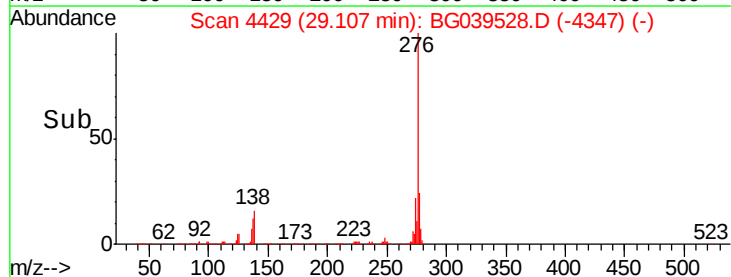
277 25.4 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

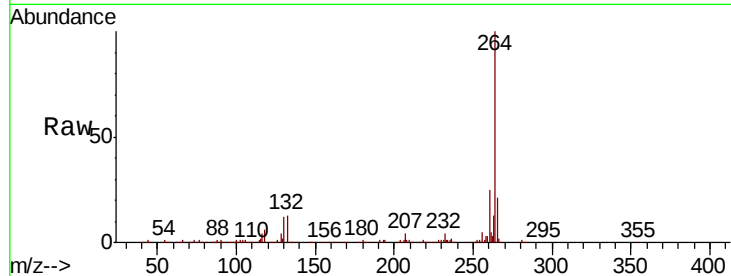
Tgt Ion:264 Resp: 403097

Ion Ratio Lower Upper

264 100

260 25.3 18.2 27.4

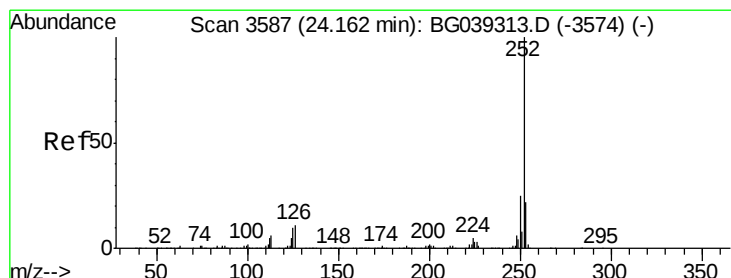
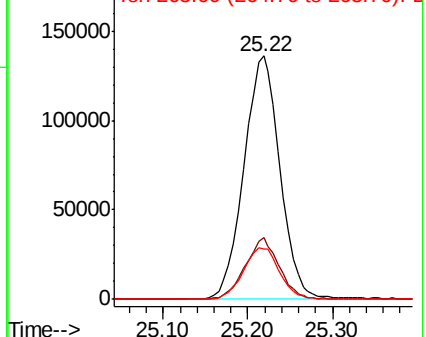
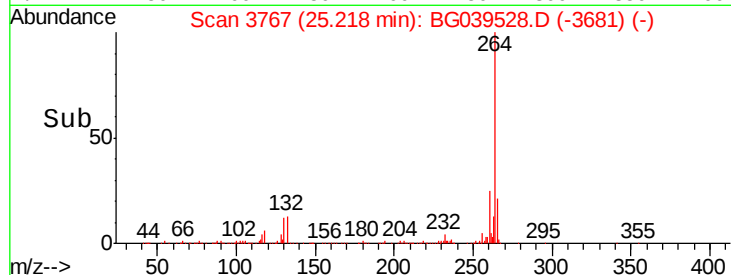
265 20.8 18.5 27.7



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: 51.991 ng

RT: 24.14 min Scan# 3583

Delta R.T. -0.03 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

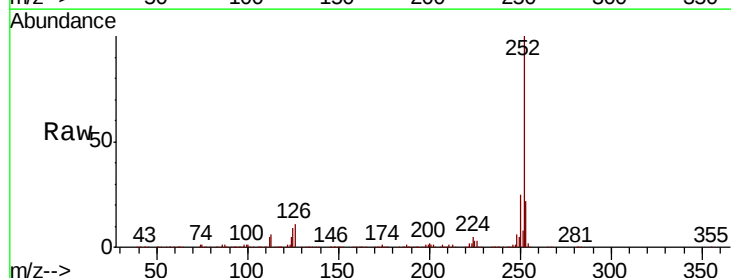
Tgt Ion:252 Resp: 1142934

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

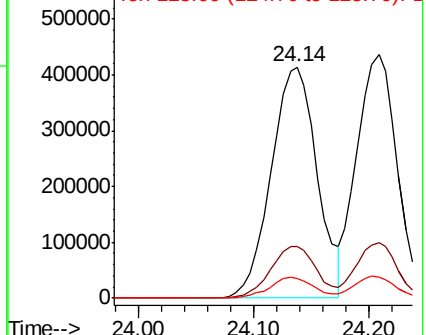
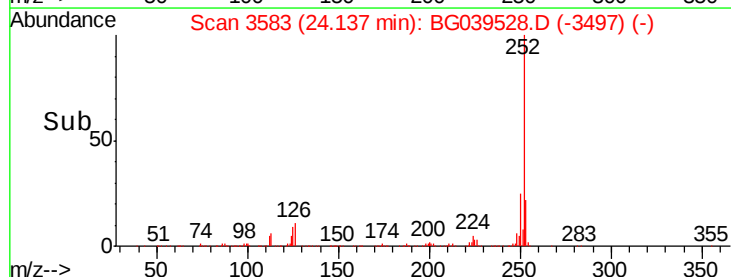
125 8.6 7.8 11.6



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

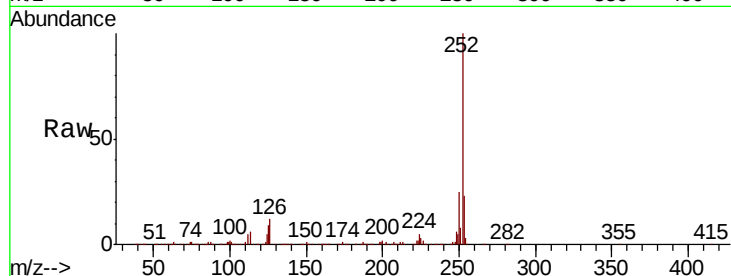




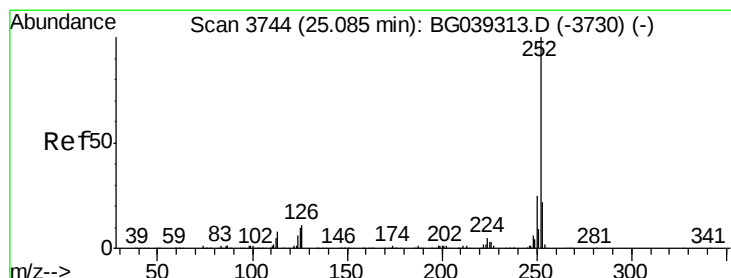
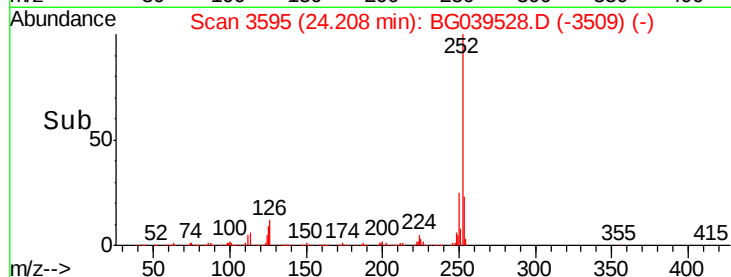
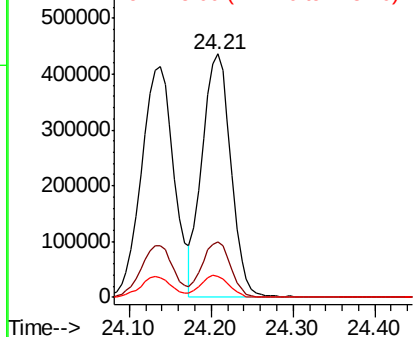
#89
Benzo(k)fluoranthene
Concen: 48.187 ng
RT: 24.21 min Scan# 3595
Delta R.T. -0.03 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

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

Tgt Ion: 252 Resp: 1063515
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 8.6 7.4 11.2

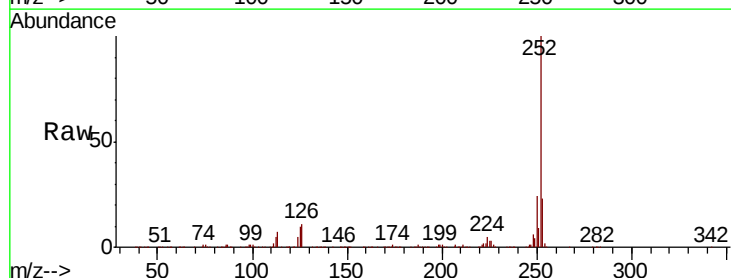


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

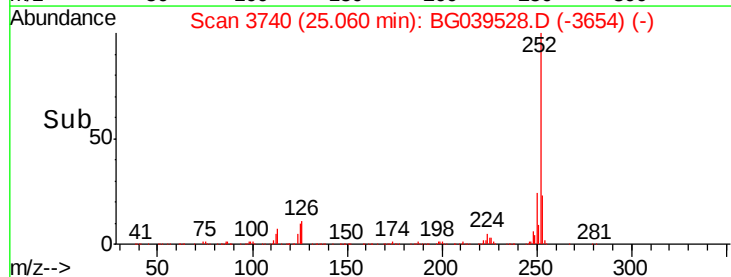
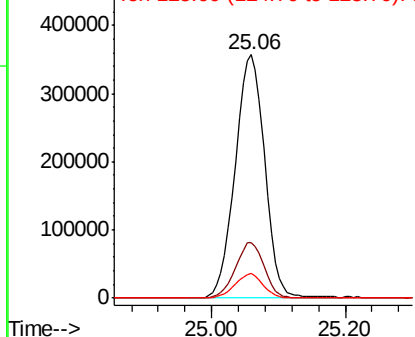


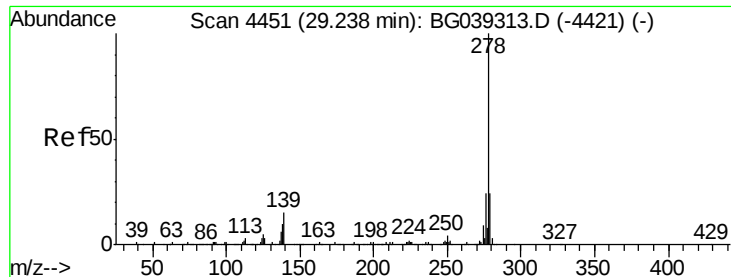
#90
Benzo(a)pyrene
Concen: 51.614 ng
RT: 25.06 min Scan# 3740
Delta R.T. -0.03 min
Lab File: BG039528.D
Acq: 15 Feb 2019 19:25

Tgt Ion: 252 Resp: 1092744
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.3 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.432 ng

RT: 29.18 min Scan# 4442

Delta R.T. -0.05 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-AMSD

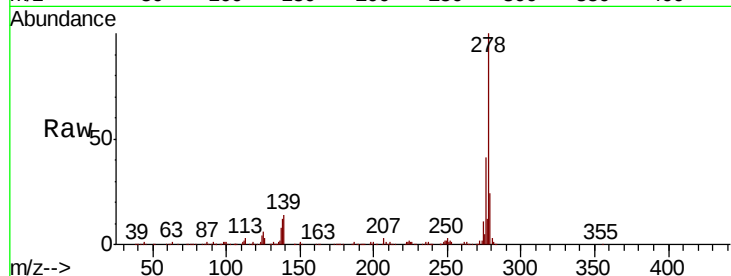
Tgt Ion:278 Resp: 999909

Ion Ratio Lower Upper

278 100

139 13.8 11.7 17.5

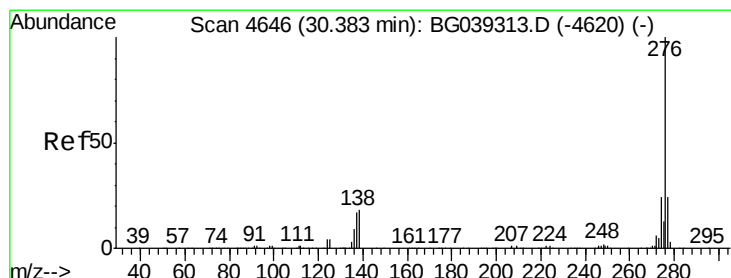
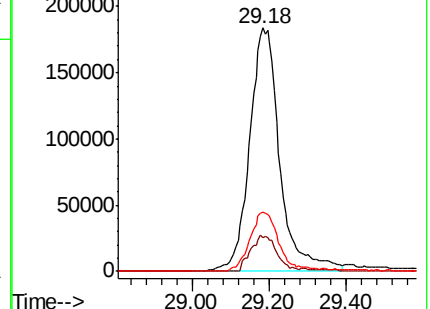
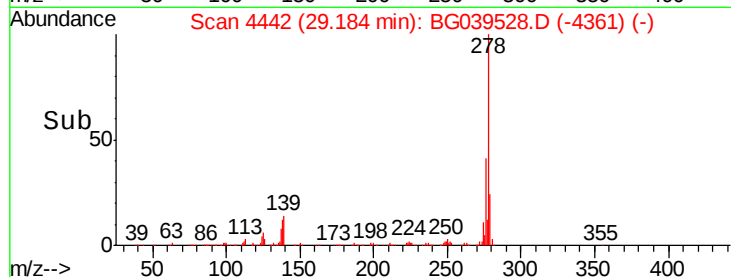
279 24.3 19.1 28.7



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: 49.878 ng

RT: 30.35 min Scan# 4641

Delta R.T. -0.03 min

Lab File: BG039528.D

Acq: 15 Feb 2019 19:25

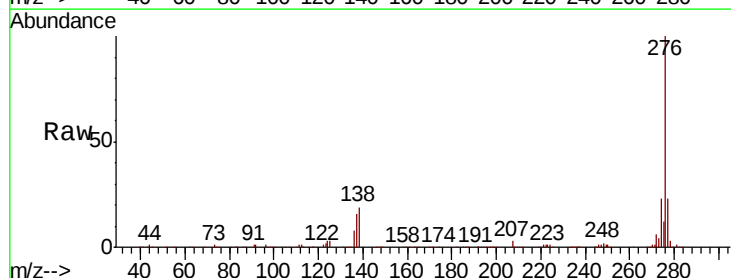
Tgt Ion:276 Resp: 985695

Ion Ratio Lower Upper

276 100

277 23.2 19.6 29.4

138 18.6 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

