

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012919\
 Data File : BG039319.D
 Acq On : 29 Jan 2019 16:24
 Operator : JU/SJ
 Sample : PB116679BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

Quant Time: Jan 30 01:31:35 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	8.18	152	40833	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	177523	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	118986	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	296085	20.00	ng	0.00
76) Chrysene-d12	21.85	240	291288	20.00	ng	0.00
87) Perylene-d12	25.24	264	301802	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	270270	113.28	ng	0.00
7) Phenol-d6	7.32	99	389517	110.92	ng	0.00
23) Nitrobenzene-d5	9.36	82	318403	112.05	ng	0.00
42) 2,4,6-Tribromophenol	16.30	330	145072	113.22	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	822467	99.16	ng	0.00
79) Terphenyl-d14	20.15	244	1194743	86.82	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.61	88	34659	33.211 ng	98
3) Pyridine	4.02	79	108695	39.339 ng	96
4) n-Nitrosodimethylamine	3.93	42	67965	49.185 ng	93
6) Aniline	7.51	93	154789	35.189 ng	98
8) 2-Chlorophenol	7.74	128	140628	53.924 ng	99
9) Benzaldehyde	7.32	77	107451	88.383 ng	95
10) Phenol	7.35	94	195403	53.377 ng	99
11) bis(2-Chloroethyl)ether	7.60	93	131620	45.501 ng	99
12) 1,3-Dichlorobenzene	8.07	146	138606	43.873 ng	97
13) 1,4-Dichlorobenzene	8.22	146	142539	45.266 ng	97
14) 1,2-Dichlorobenzene	8.54	146	135222	44.359 ng	99
15) Benzyl Alcohol	8.42	79	140184	50.845 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.71	45	289035	44.246 ng	98
17) 2-Methylphenol	8.61	107	129313	54.585 ng	98
18) Hexachloroethane	9.27	117	48375	44.653 ng	92
19) n-Nitroso-di-n-propylamine	8.99	70	115685	46.412 ng	98
20) 3+4-Methylphenols	8.94	107	176132	53.991 ng	98
22) Acetophenone	9.02	105	210805	44.207 ng	# 96
24) Nitrobenzene	9.40	77	161255	52.527 ng	97
25) Isophorone	9.93	82	330415	52.471 ng	98
26) 2-Nitrophenol	10.12	139	66467	53.345 ng	96
27) 2,4-Dimethylphenol	10.15	122	152602	59.907 ng	96
28) bis(2-Chloroethoxy)methane	10.40	93	196684	50.709 ng	97
29) 2,4-Dichlorophenol	10.64	162	156149	56.087 ng	96
30) 1,2,4-Trichlorobenzene	10.86	180	146288	46.802 ng	99
31) Naphthalene	11.06	128	442790	50.278 ng	98
32) Benzoic acid	10.28	122	95863	55.690 ng	99
33) 4-Chloroaniline	11.16	127	68294	16.725 ng	96
34) Hexachlorobutadiene	11.33	225	92598	44.547 ng	94
35) Caprolactam	11.95	113	33303	28.907 ng	92
36) 4-Chloro-3-methylphenol	12.26	107	176852	54.927 ng	98
37) 2-Methylnaphthalene	12.65	142	338533	51.900 ng	98
38) 1-Methylnaphthalene	12.87	142	326421	51.915 ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.01	216	179213	47.338 ng	99

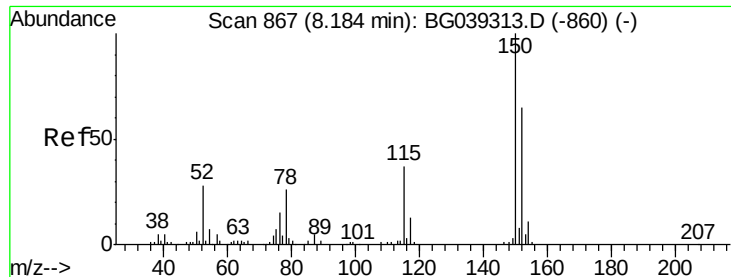
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012919\
 Data File : BG039319.D
 Acq On : 29 Jan 2019 16:24
 Operator : JU/SJ
 Sample : PB116679BSD
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	239720	116.203	ng	99
43) 2,4,6-Trichlorophenol	13.24	196	127804	54.906	ng	99
44) 2,4,5-Trichlorophenol	13.31	196	137754	56.465	ng	97
46) 1,1'-Biphenyl	13.65	154	463370	46.805	ng	99
47) 2-Chloronaphthalene	13.70	162	345638	46.410	ng	99
48) 2-Nitroaniline	13.90	65	115925	53.117	ng	99
49) Acenaphthylene	14.54	152	580444	51.652	ng	99
50) Dimethylphthalate	14.26	163	487858	50.767	ng	100
51) 2,6-Dinitrotoluene	14.39	165	98967	54.133	ng	94
52) Acenaphthene	14.87	154	356030	48.807	ng	97
53) 3-Nitroaniline	14.71	138	47888	27.521	ng	90
54) 2,4-Dinitrophenol	14.91	184	84945	96.902	ng	95
55) Dibenzofuran	15.21	168	571140	48.833	ng	100
56) 4-Nitrophenol	15.00	139	192814	108.727	ng	95
57) 2,4-Dinitrotoluene	15.17	165	135250	57.030	ng	94
58) Fluorene	15.85	166	462683	53.068	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.42	232	141902	62.122	ng	99
60) Diethylphthalate	15.61	149	508455	51.174	ng	99
61) 4-Chlorophenyl-phenylether	15.84	204	238140	48.238	ng	98
62) 4-Nitroaniline	15.88	138	109152	53.626	ng	96
63) Azobenzene	16.13	77	476974	49.115	ng	98
65) 4,6-Dinitro-2-methylphenol	15.92	198	63830	52.658	ng	93
66) n-Nitrosodiphenylamine	16.05	169	431559	47.935	ng	97
67) 4-Bromophenyl-phenylether	16.74	248	156693	47.703	ng	98
68) Hexachlorobenzene	16.85	284	160494	48.700	ng	94
69) Atrazine	17.00	200	171075	51.998	ng	98
70) Pentachlorophenol	17.19	266	216349	94.456	ng	100
71) Phenanthrene	17.60	178	790676	51.596	ng	100
72) Anthracene	17.69	178	806009	53.397	ng	97
73) Carbazole	17.96	167	715841	47.519	ng	100
74) Di-n-butylphthalate	18.50	149	877936	49.955	ng	99
75) Fluoranthene	19.60	202	933161	52.463	ng	99
77) Benzidine	19.77	184	373275	39.086	ng	98
78) Pyrene	19.96	202	936754	51.659	ng	99
80) Butylbenzylphthalate	20.84	149	394580	51.583	ng	99
81) Benzo(a)anthracene	21.83	228	918273	53.351	ng	99
82) 3,3'-Dichlorobenzidine	21.74	252	159594	25.006	ng	98
83) Chrysene	21.90	228	858510	52.397	ng	99
84) Bis(2-ethylhexyl)phthalate	21.71	149	557794	51.113	ng	100
85) Di-n-octyl phthalate	22.99	149	953568	52.890	ng	100
86) Indeno(1,2,3-cd)pyrene	29.15	276	993572	56.519	ng	98
88) Benzo(b)fluoranthene	24.16	252	902518	54.834	ng	99
89) Benzo(k)fluoranthene	24.24	252	862561	52.199	ng	100
90) Benzo(a)pyrene	25.08	252	872116	55.019	ng	98
91) Dibenzo(a,h)anthracene	29.24	278	803203	54.107	ng	99
92) Benzo(g,h,i)perylene	30.39	276	826483	55.858	ng	98

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

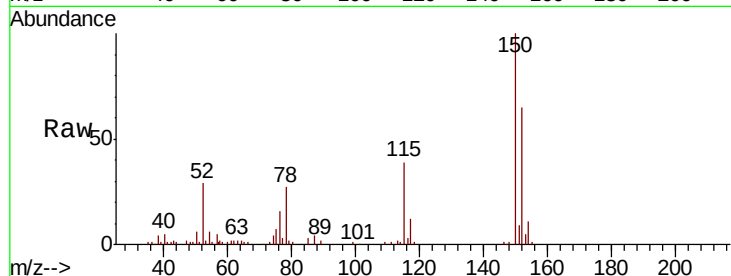


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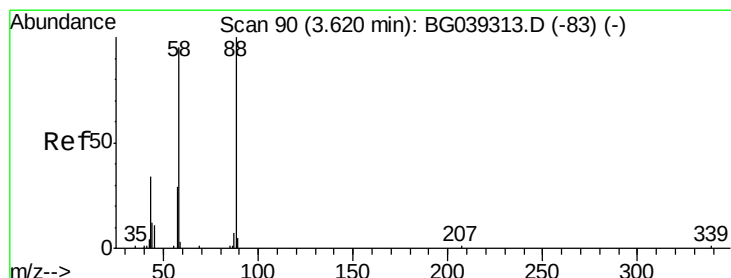
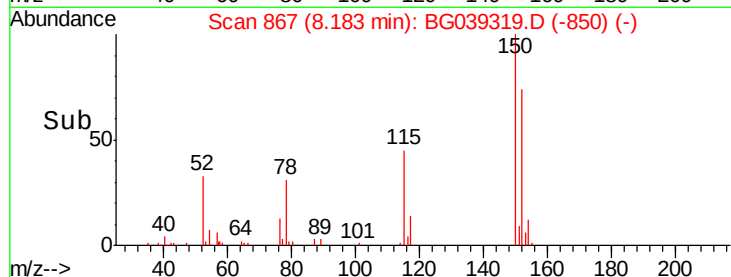
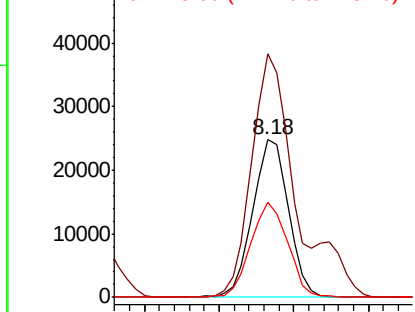
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Instrument :
BNA_G
ClientSampleId :
PB116679BSD

Tgt Ion:152 Resp: 40833
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 60.4 45.9 68.9



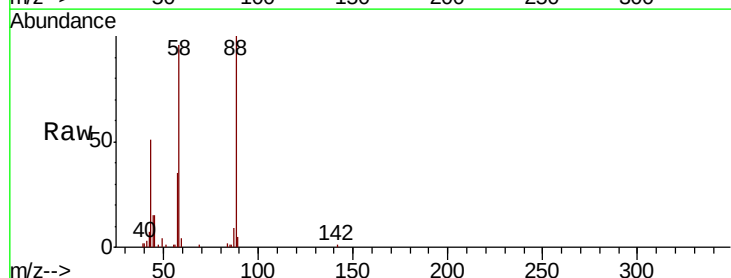
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



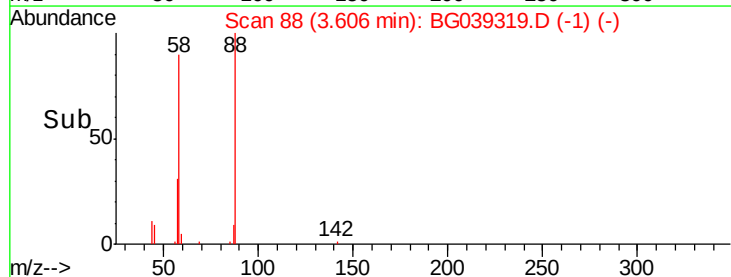
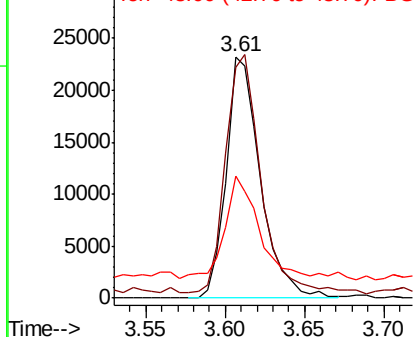
#2

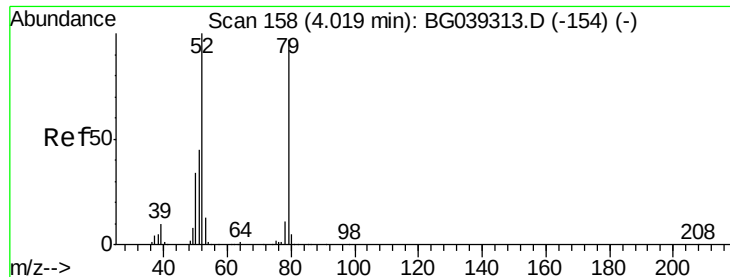
1,4-Dioxane
Concen: 33.211 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Tgt Ion: 88 Resp: 34659
Ion Ratio Lower Upper
88 100
58 103.2 81.1 121.7
43 38.5 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: 39.339 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

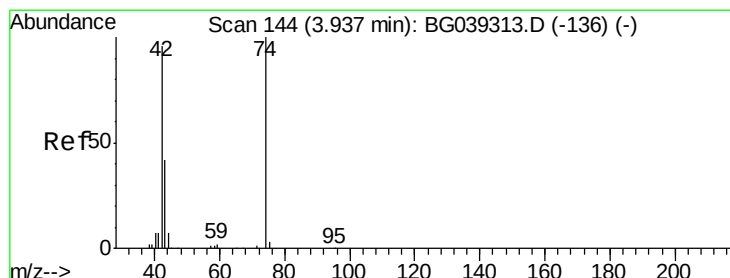
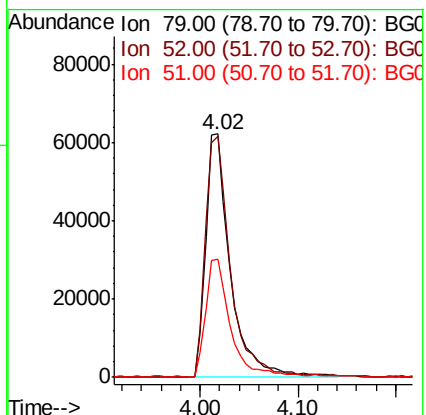
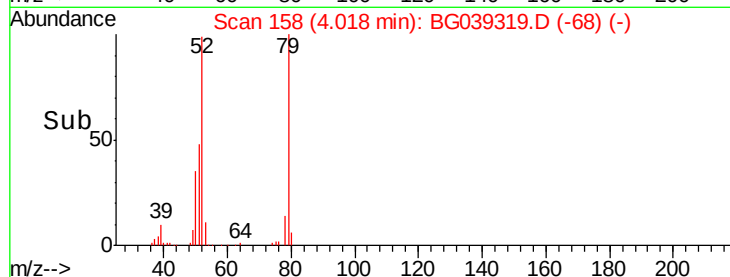
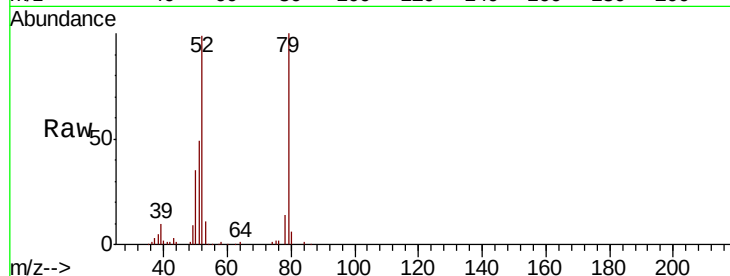
Tgt Ion: 79 Resp: 108695

Ion Ratio Lower Upper

79 100

52 98.9 82.6 124.0

51 48.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 49.185 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

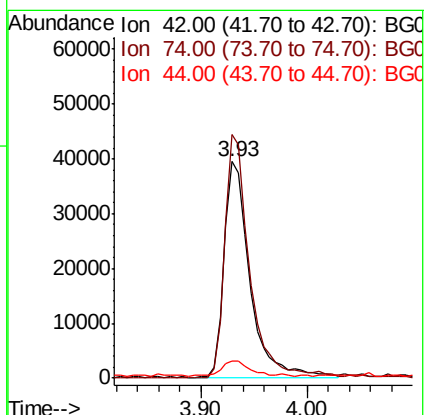
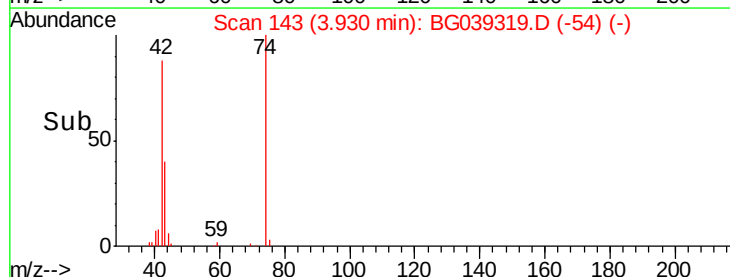
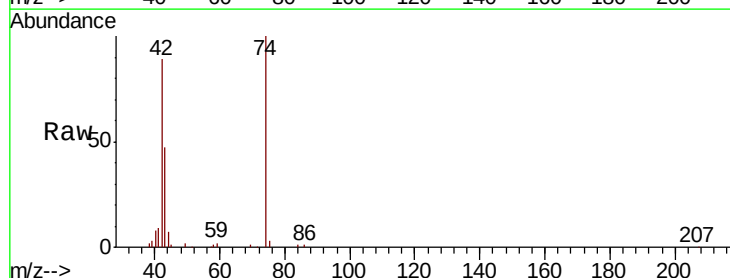
Tgt Ion: 42 Resp: 67965

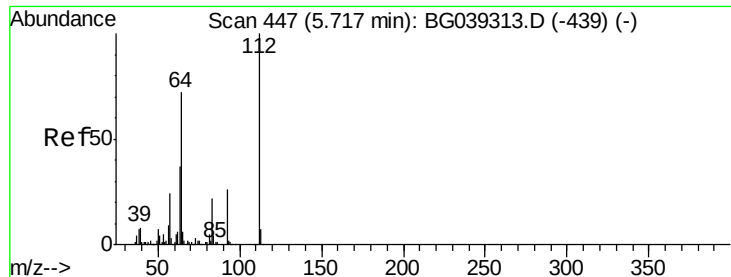
Ion Ratio Lower Upper

42 100

74 112.5 83.6 125.4

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 113.283 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

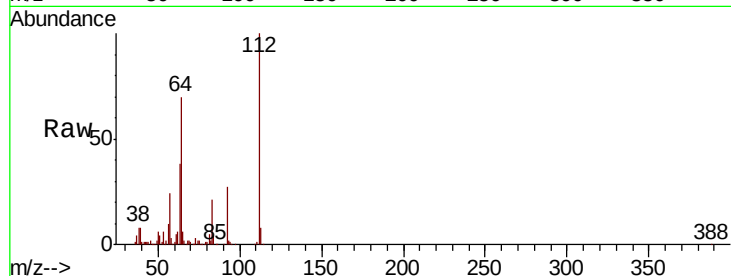
Tgt Ion: 112 Resp: 270270

Ion Ratio Lower Upper

112 100

64 69.9 57.8 86.8

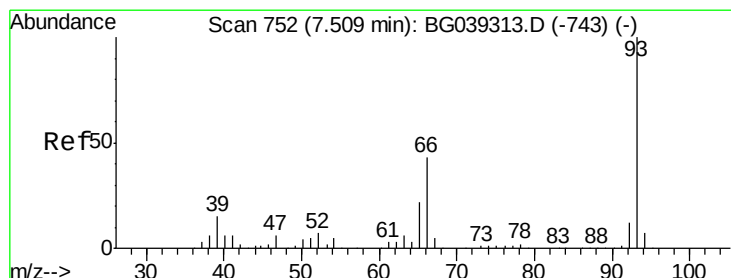
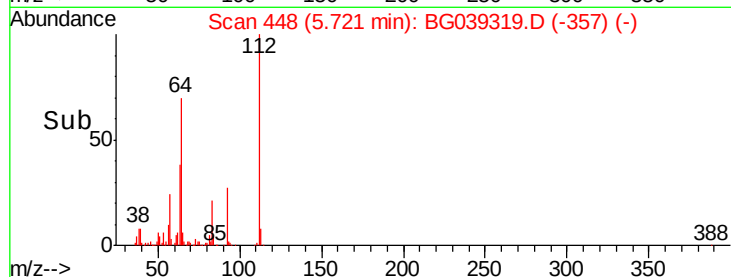
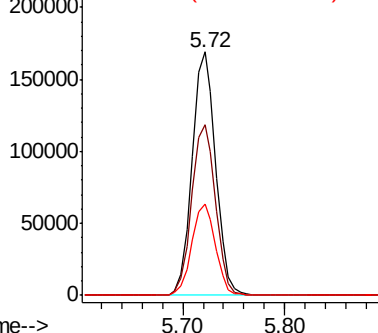
63 37.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.189 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

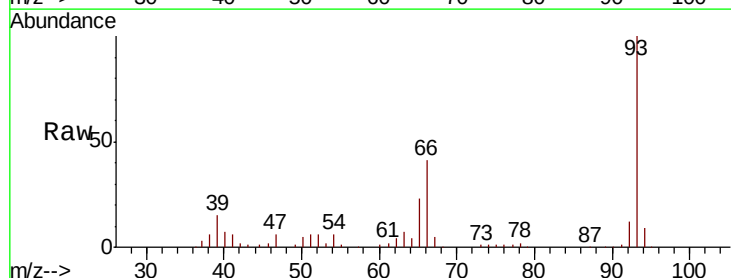
Tgt Ion: 93 Resp: 154789

Ion Ratio Lower Upper

93 100

66 41.3 34.2 51.4

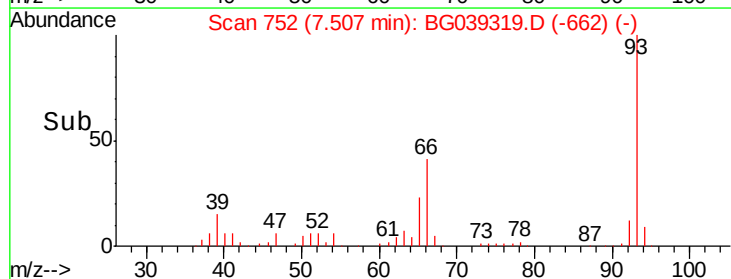
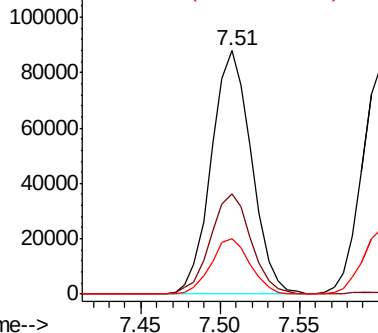
65 22.8 17.7 26.5

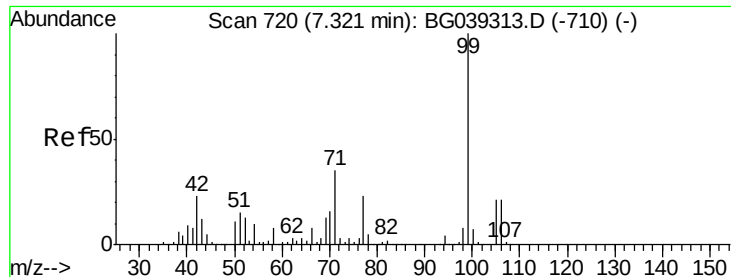


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.916 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

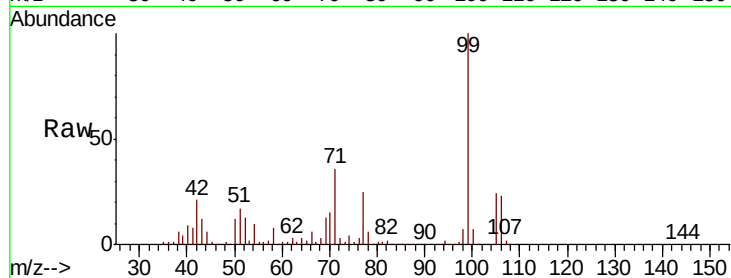
Tgt Ion: 99 Resp: 389517

Ion Ratio Lower Upper

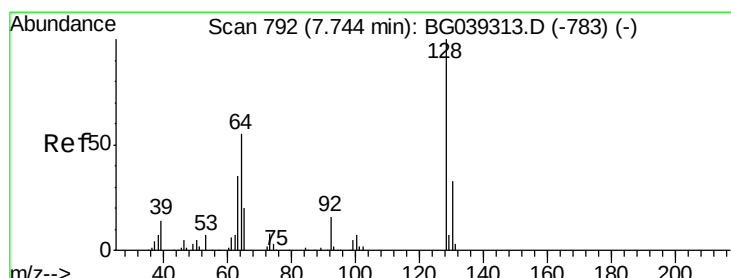
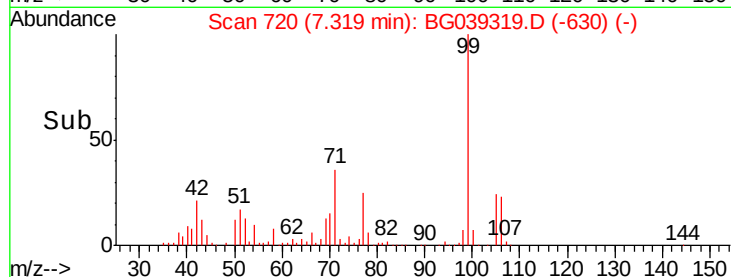
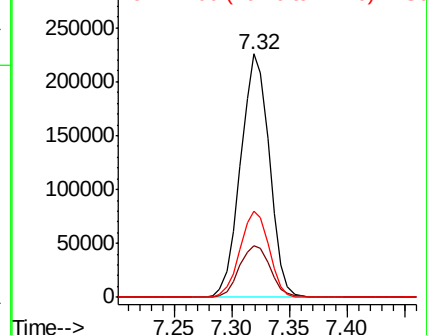
99 100

42 21.3 18.2 27.2

71 35.5 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: 53.924 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

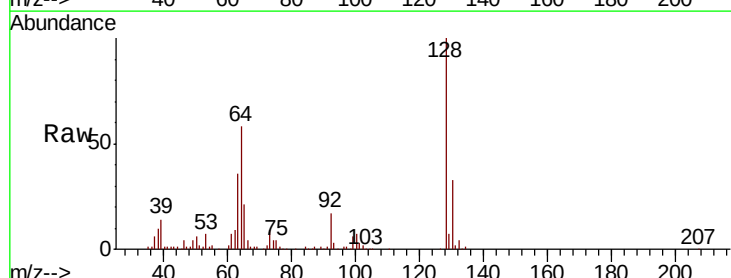
Tgt Ion: 128 Resp: 140628

Ion Ratio Lower Upper

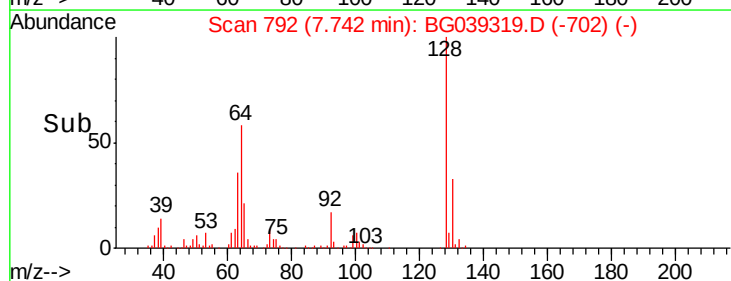
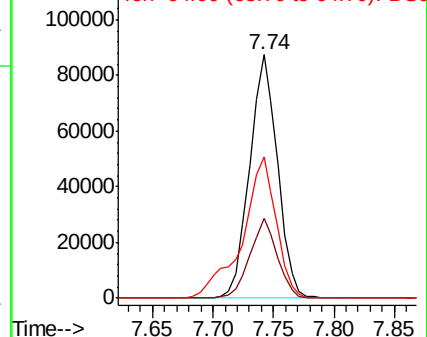
128 100

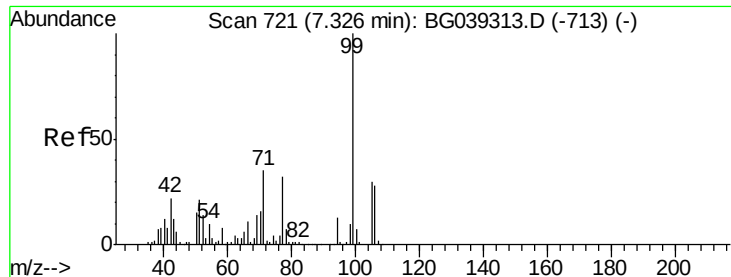
130 32.5 12.9 52.9

64 57.9 38.7 78.7



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





#9

Benzaldehyde

Concen: 88.383 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

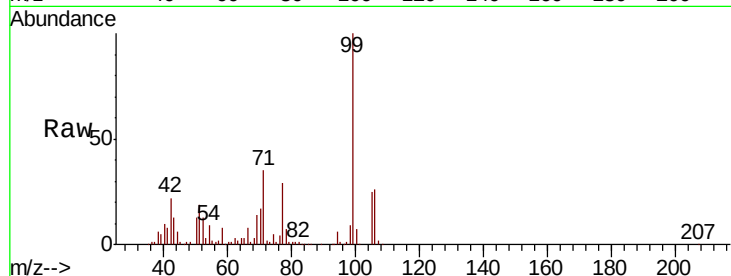
Tgt Ion: 77 Resp: 107451

Ion Ratio Lower Upper

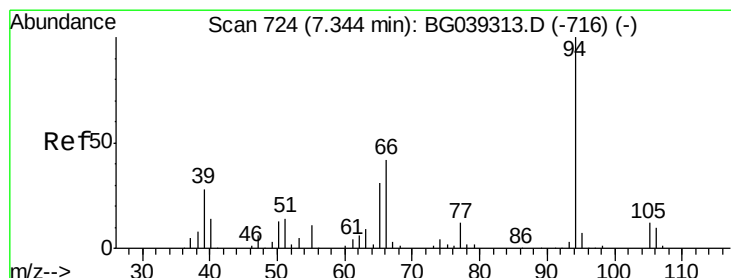
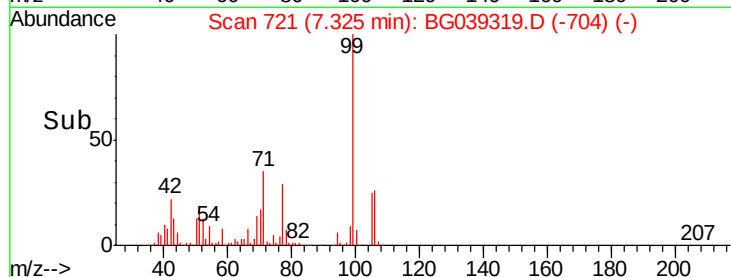
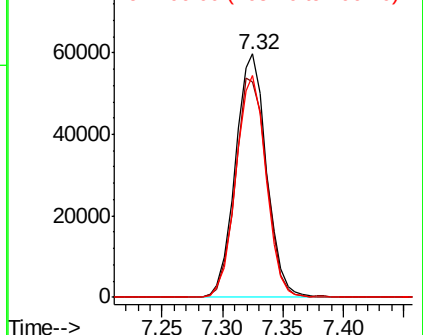
77 100

105 88.5 74.5 114.5

106 91.0 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: 53.377 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

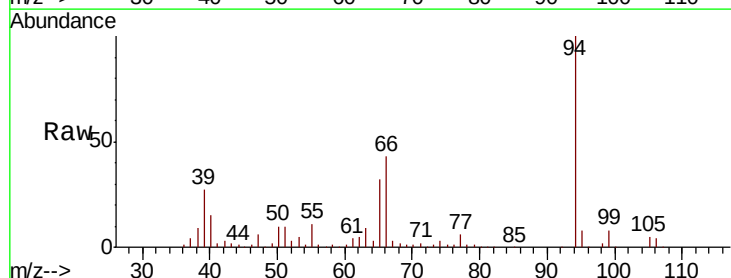
Tgt Ion: 94 Resp: 195403

Ion Ratio Lower Upper

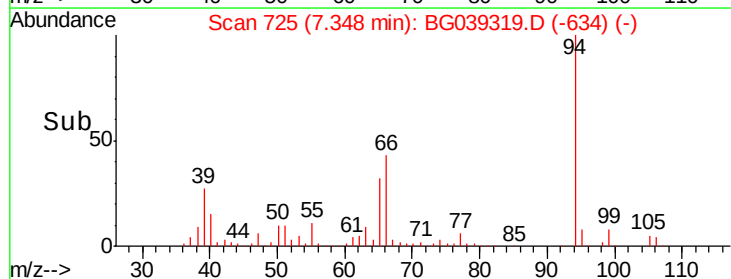
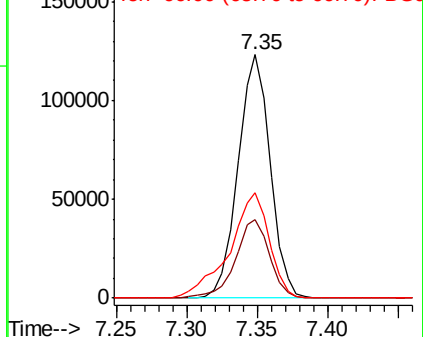
94 100

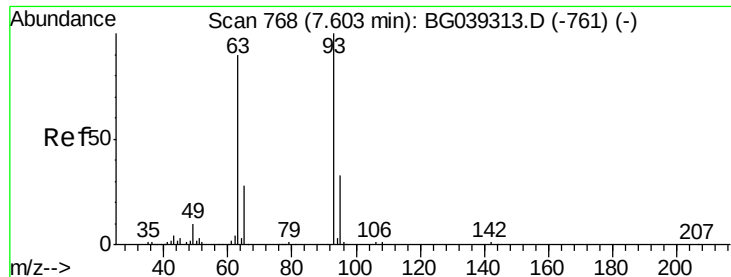
65 32.2 11.7 51.7

66 43.4 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: 45.501 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

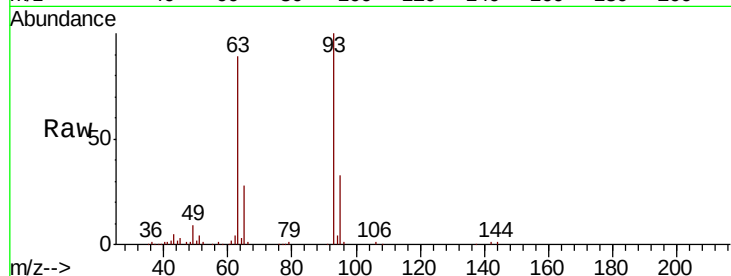
Tgt Ion: 93 Resp: 131620

Ion Ratio Lower Upper

93 100

63 88.8 69.5 109.5

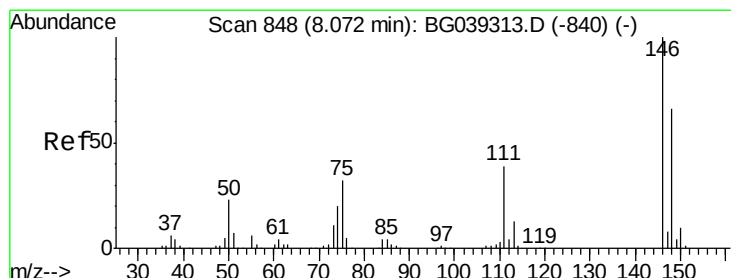
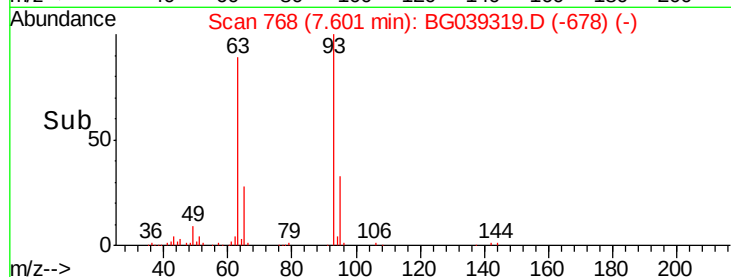
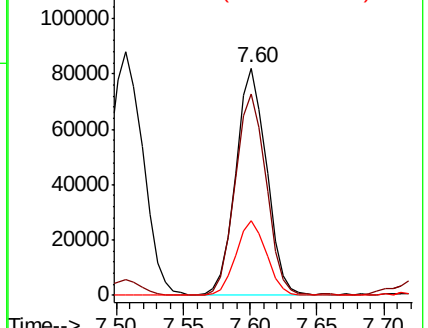
95 32.7 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BG039319.D (-761) (-)

Ion 63.00 (62.70 to 63.70): BG039319.D (-761) (-)

Ion 95.00 (94.70 to 95.70): BG039319.D (-761) (-)



#12

1,3-Dichlorobenzene

Concen: 43.873 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

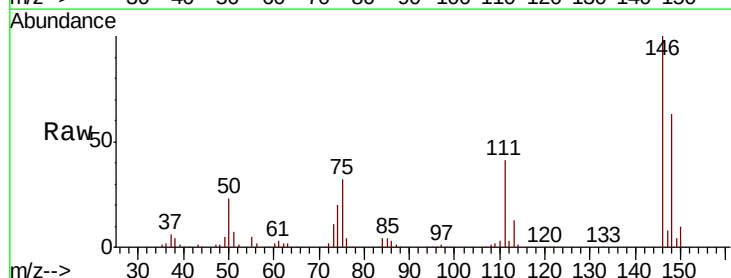
Tgt Ion: 146 Resp: 138606

Ion Ratio Lower Upper

146 100

148 63.0 52.6 79.0

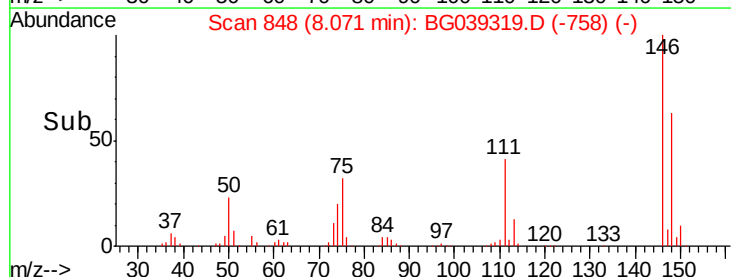
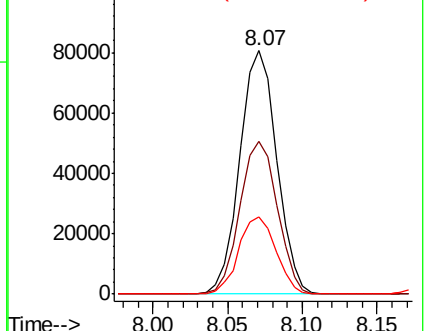
75 31.7 25.8 38.6

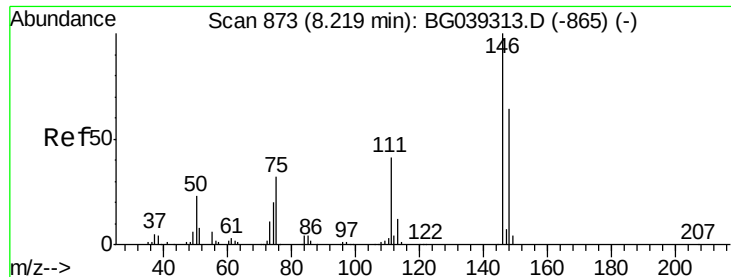


Abundance Ion 146.00 (145.70 to 146.70): BG039319.D (-840) (-)

Ion 148.00 (147.70 to 148.70): BG039319.D (-840) (-)

Ion 75.00 (74.70 to 75.70): BG039319.D (-840) (-)

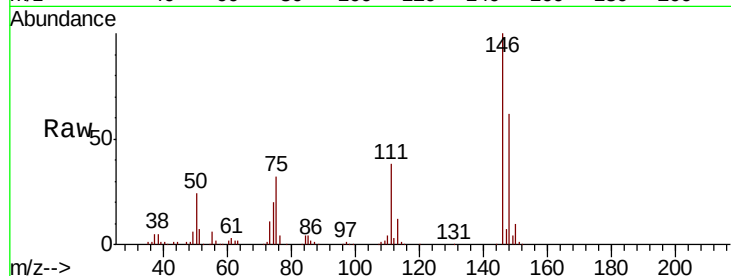




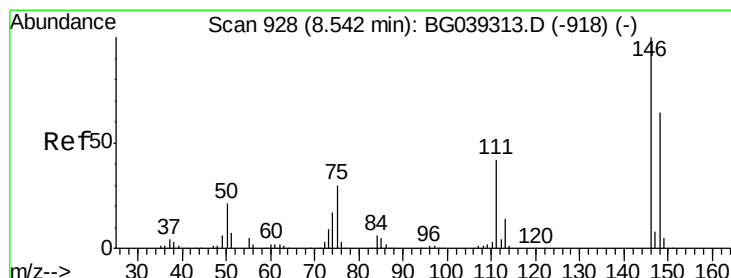
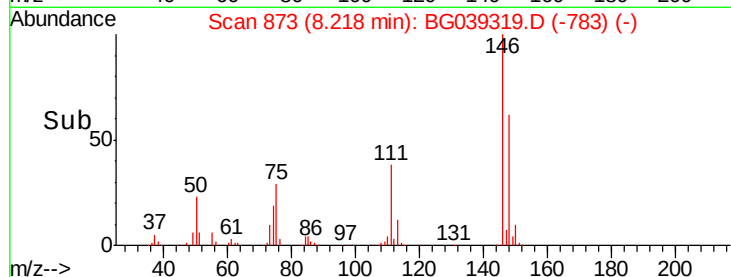
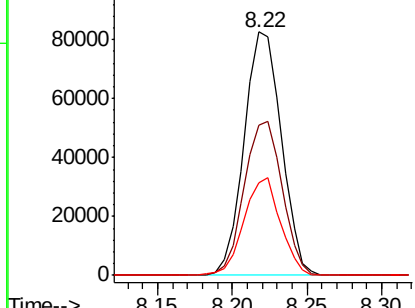
#13
 1,4-Dichlorobenzene
 Concen: 45.266 ng
 RT: 8.22 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

Tgt Ion:146 Resp: 142539
 Ion Ratio Lower Upper
 146 100
 148 61.7 51.1 76.7
 111 38.1 32.6 48.8

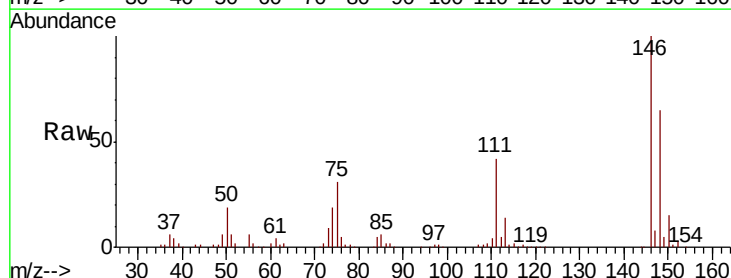


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

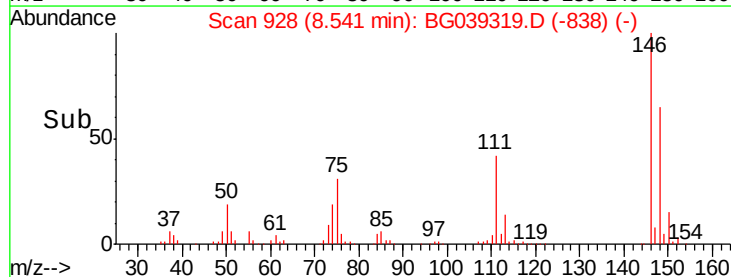
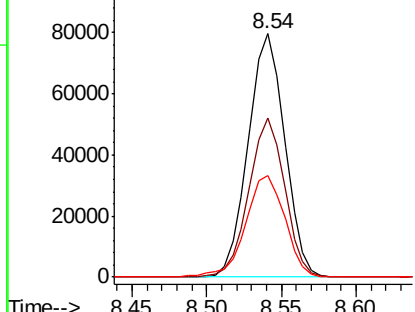


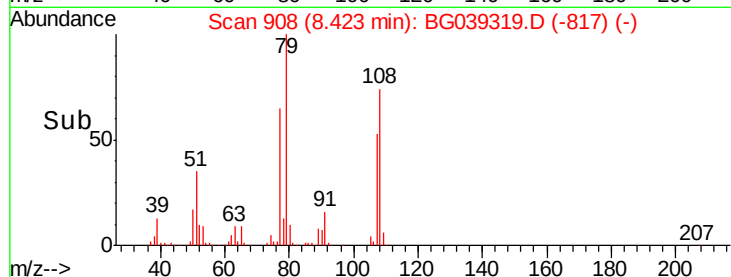
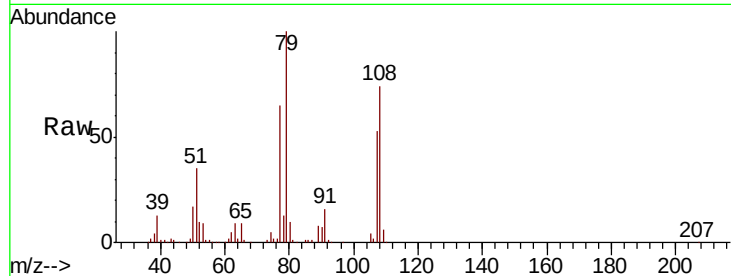
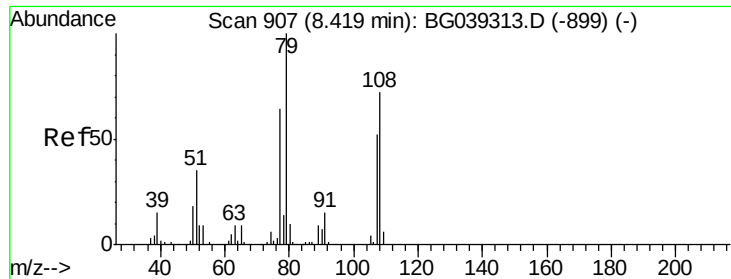
#14
 1,2-Dichlorobenzene
 Concen: 44.359 ng
 RT: 8.54 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion:146 Resp: 135222
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.5 77.3
 111 41.7 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: 50.845 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

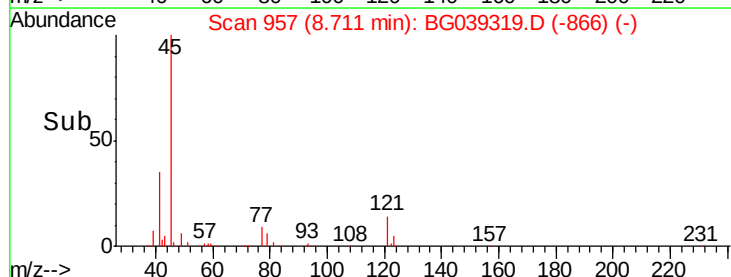
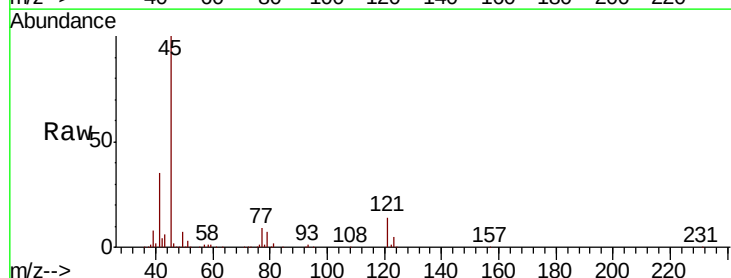
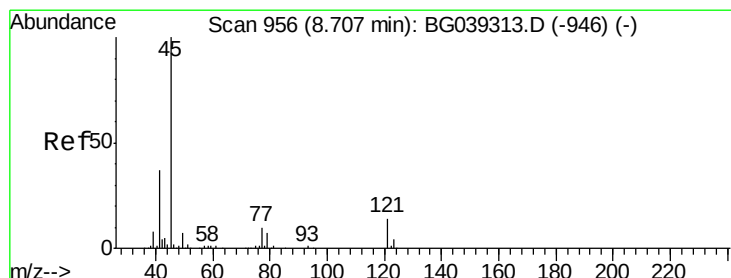
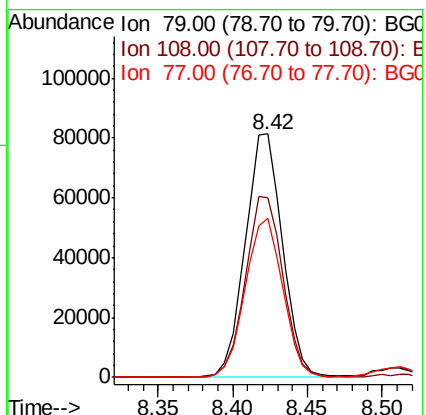
Tgt Ion: 79 Resp: 140184

Ion Ratio Lower Upper

79 100

108 73.8 57.8 86.6

77 65.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.246 ng

RT: 8.71 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

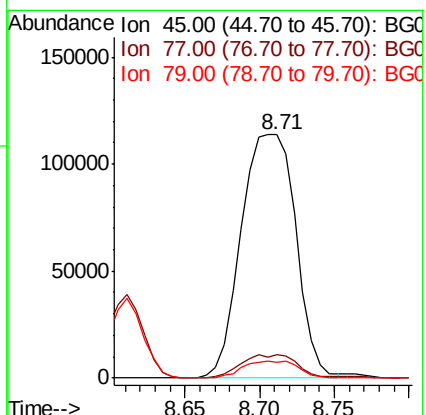
Tgt Ion: 45 Resp: 289035

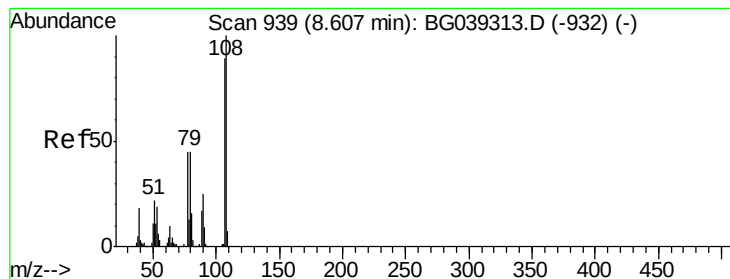
Ion Ratio Lower Upper

45 100

77 9.5 0.0 30.0

79 6.6 0.0 27.5





#17

2-Methylphenol

Concen: 54.585 ng

RT: 8.61 min Scan# 940

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

Tgt Ion:107 Resp: 129313

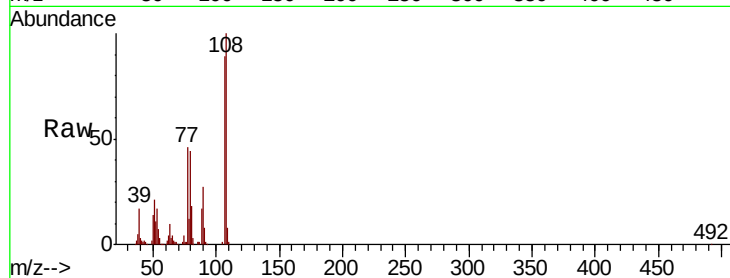
Ion Ratio Lower Upper

107 100

108 111.8 90.8 136.2

77 52.0 40.7 61.1

79 49.4 40.6 60.8



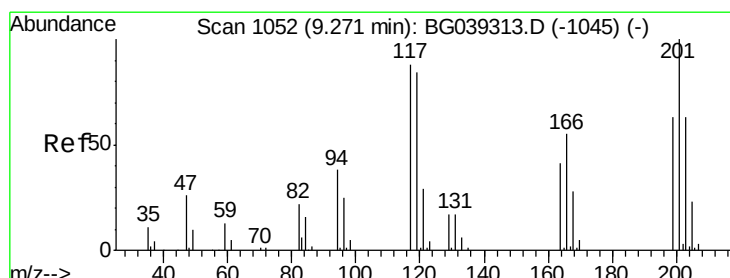
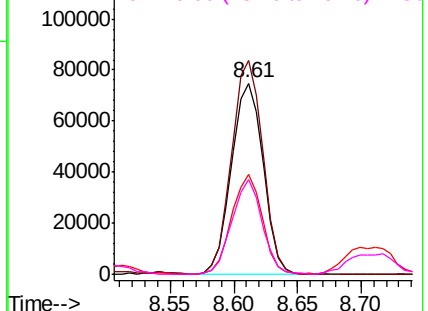
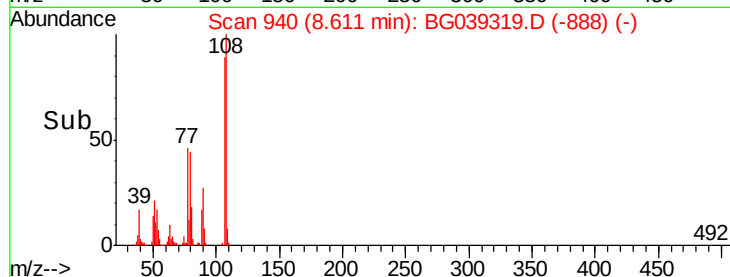
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.653 ng

RT: 9.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

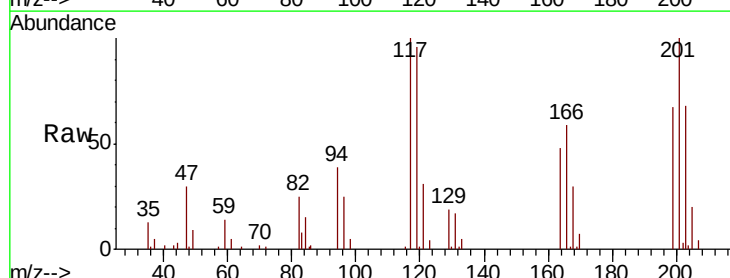
Tgt Ion:117 Resp: 48375

Ion Ratio Lower Upper

117 100

119 96.3 76.3 114.5

201 99.9 91.1 136.7

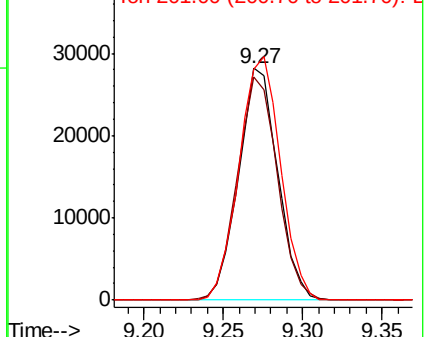
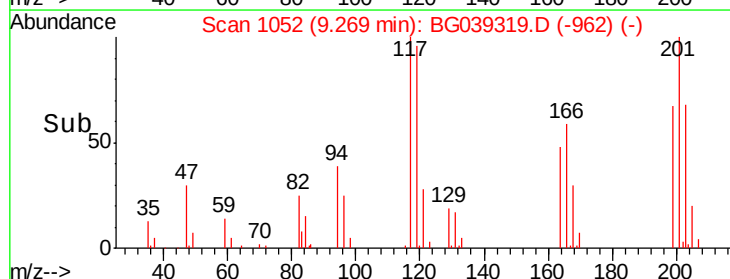


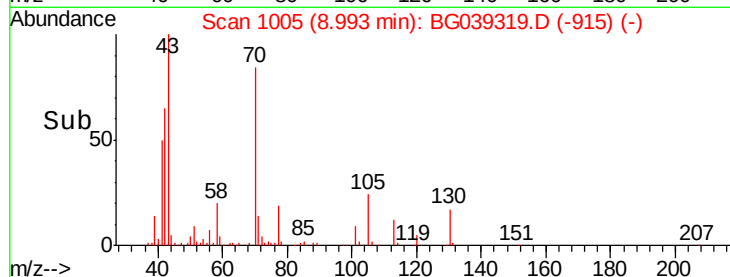
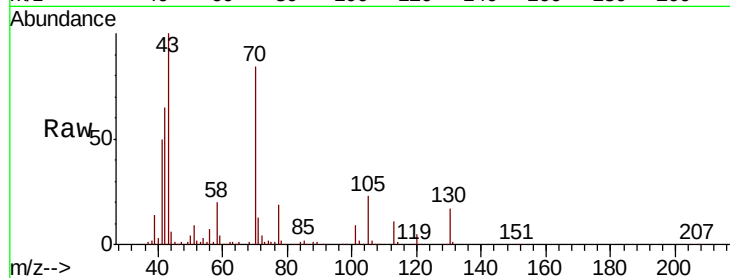
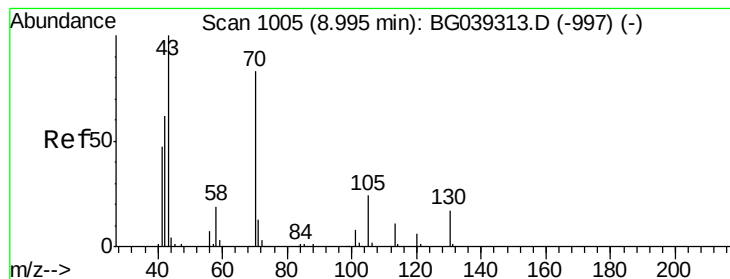
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.412 ng

RT: 8.99 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

Tgt Ion: 70 Resp: 115685

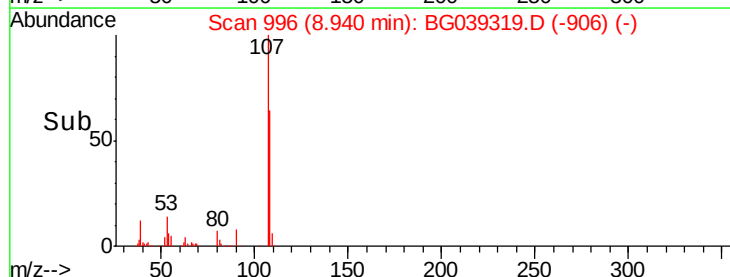
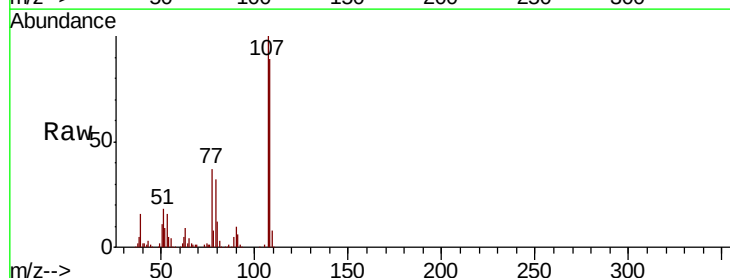
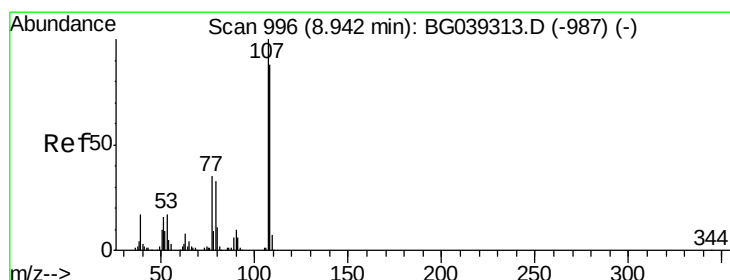
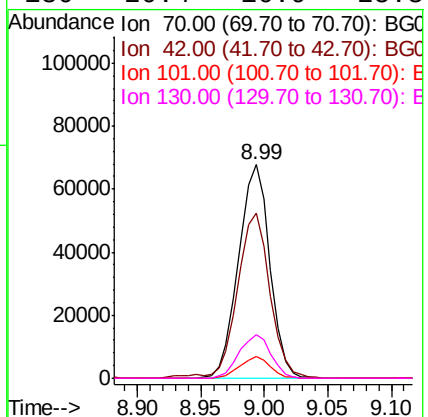
Ion Ratio Lower Upper

70 100

42 77.1 60.4 90.6

101 10.2 7.5 11.3

130 20.4 16.9 25.3



#20

3+4-Methylphenols

Concen: 53.991 ng

RT: 8.94 min Scan# 996

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Tgt Ion: 107 Resp: 176132

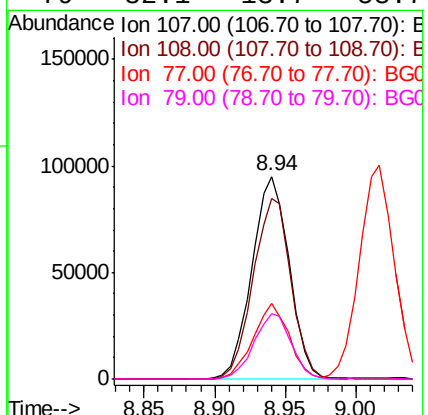
Ion Ratio Lower Upper

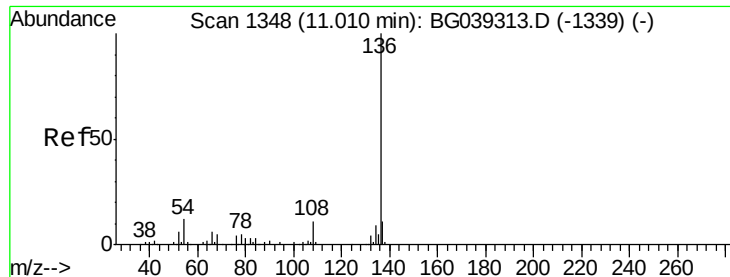
107 100

108 89.2 67.9 107.9

77 37.3 15.4 55.4

79 32.1 13.7 53.7

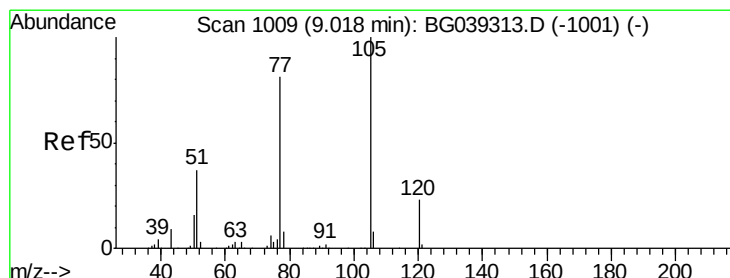
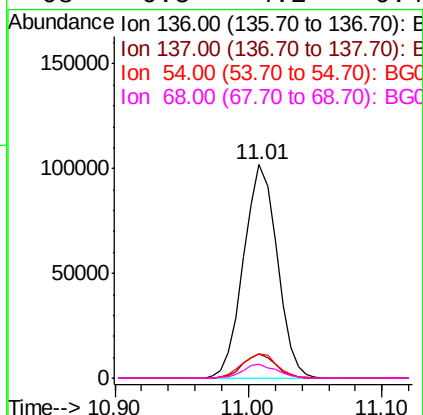
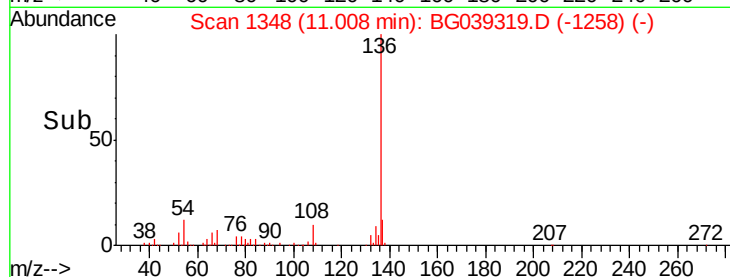
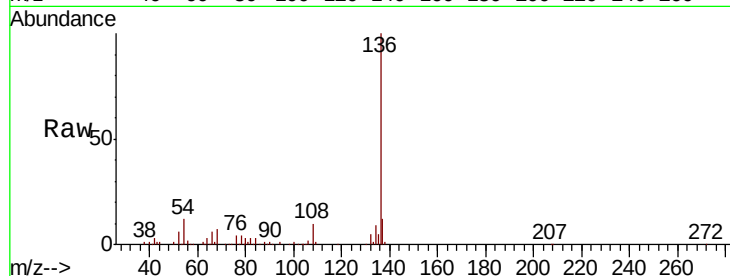




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

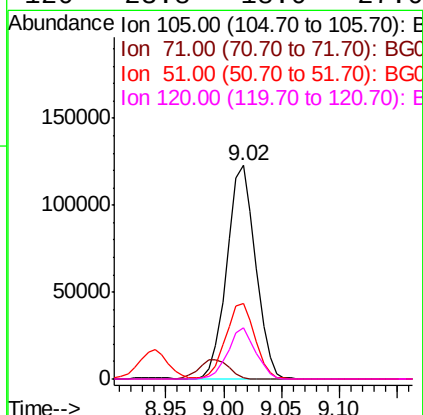
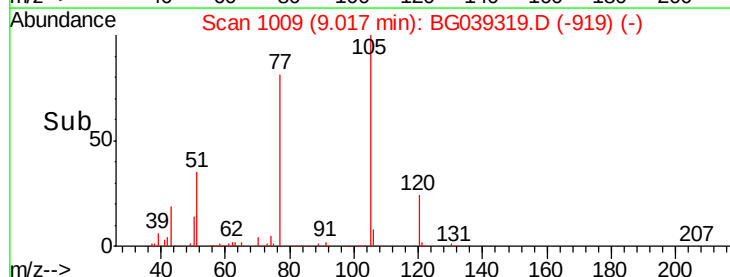
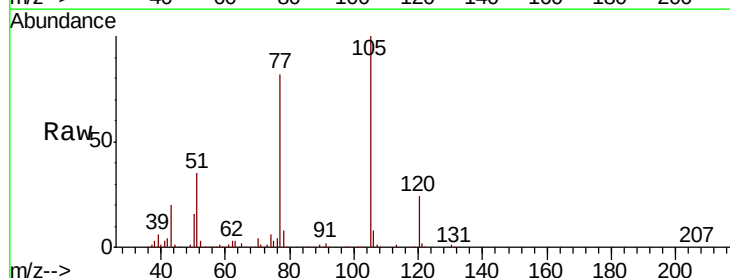
Instrument :
BNA_G
ClientSampleId :
PB116679BSD

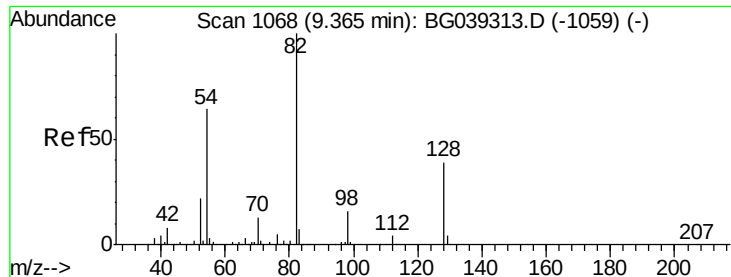
Tgt Ion:	136	Resp:	177523
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.6	9.4	14.2
68	6.5	4.2	6.4#



#22
Acetophenone
Concen: 44.207 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Tgt Ion:	105	Resp:	210805
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	35.2	30.2	45.2
120	23.8	18.0	27.0

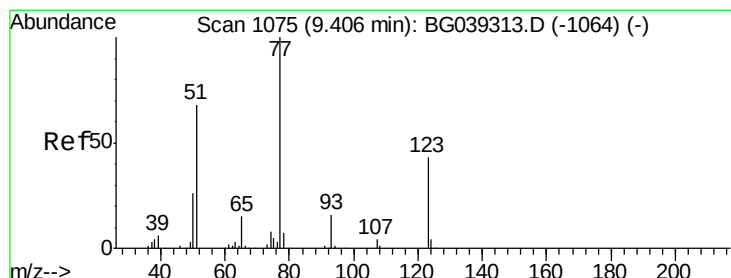
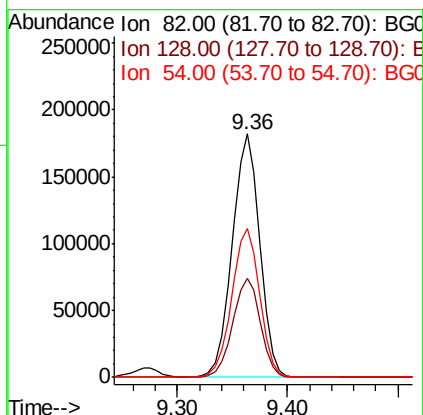
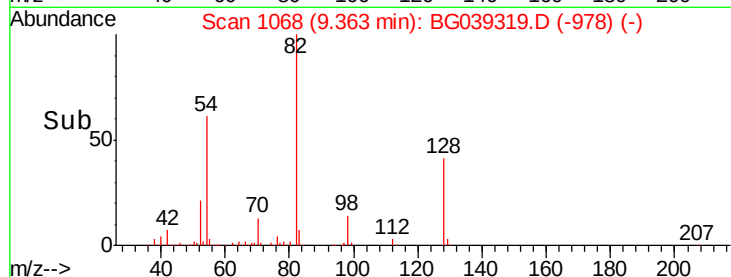
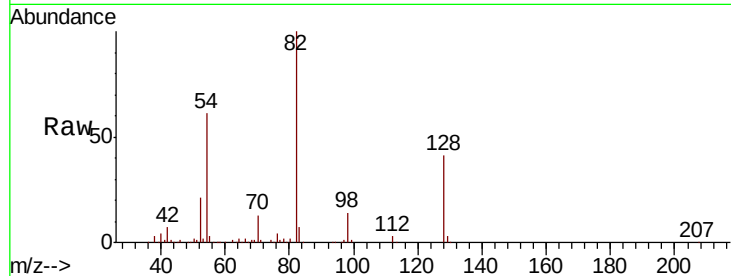




#23
 Nitrobenzene-d5
 Concen: 112.048 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

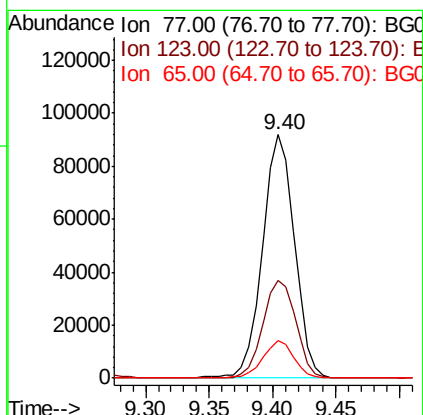
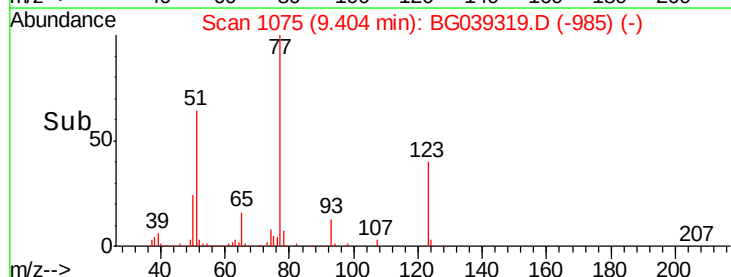
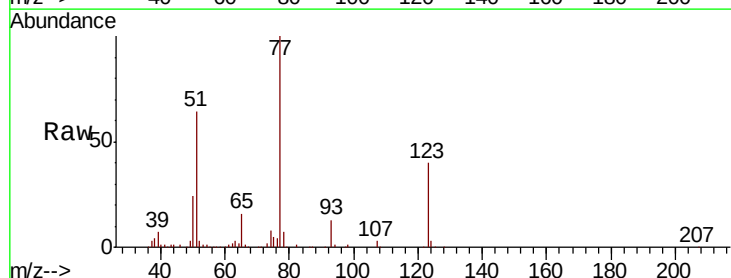
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

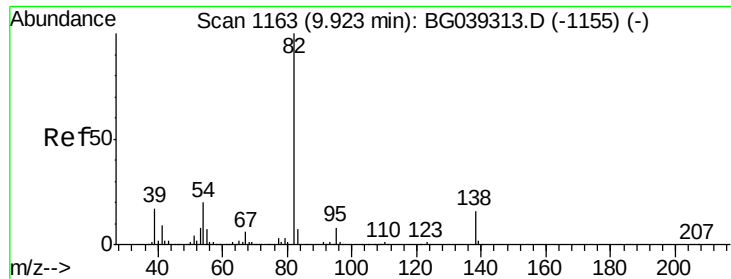
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.3	46.9
54	61.3	50.9	76.3



#24
 Nitrobenzene
 Concen: 52.527 ng
 RT: 9.40 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	34.1	51.1
65	15.6	12.3	18.5

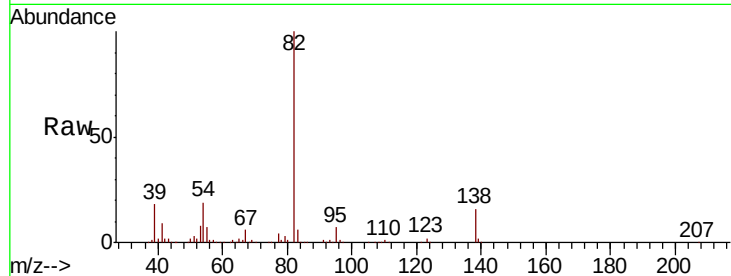




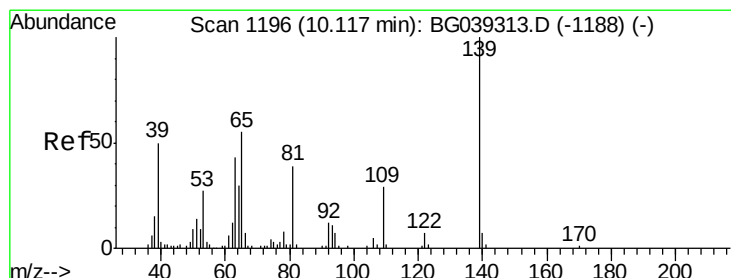
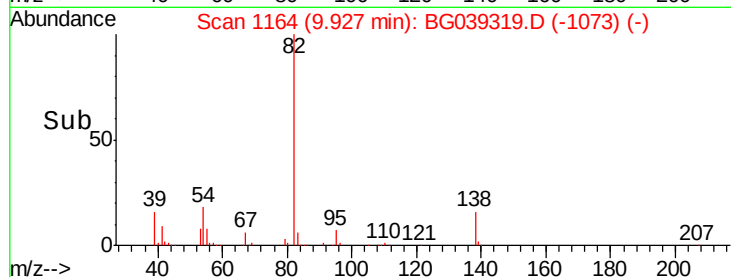
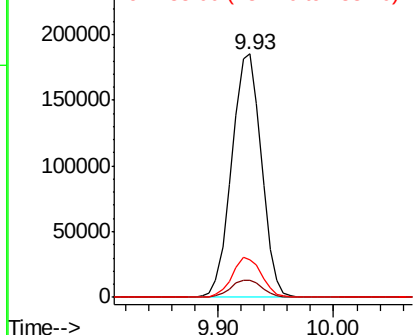
#25
Isophorone
Concen: 52.471 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Instrument :
BNA_G
ClientSampleId :
PB116679BSD

Tgt Ion: 82 Resp: 330415
Ion Ratio Lower Upper
82 100
95 7.0 6.2 9.2
138 15.6 13.0 19.4

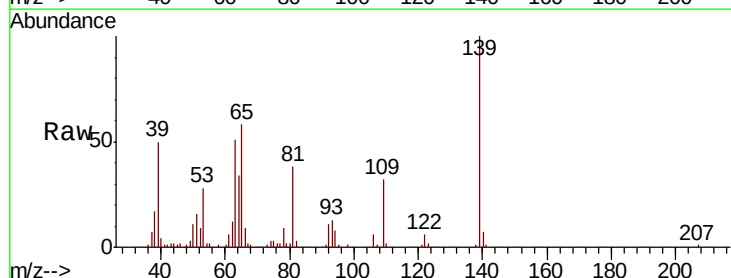


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

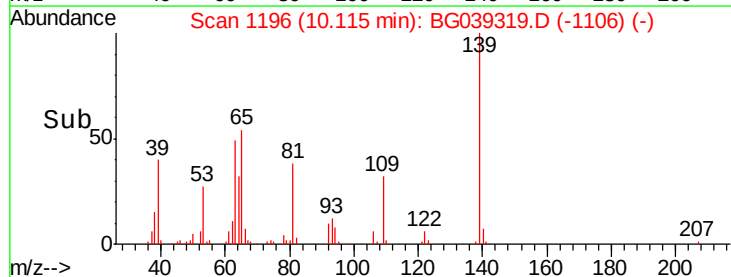
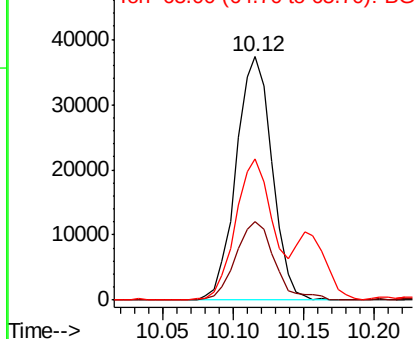


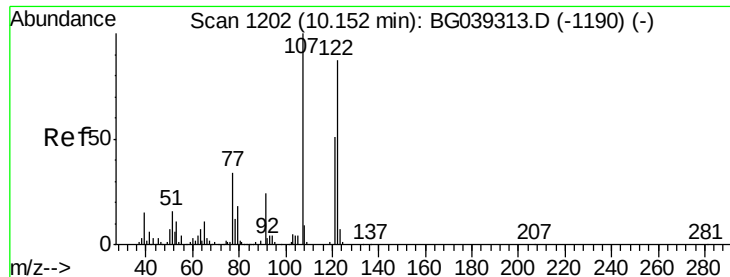
#26
2-Nitrophenol
Concen: 53.345 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Tgt Ion: 139 Resp: 66467
Ion Ratio Lower Upper
139 100
109 32.4 23.4 35.0
65 58.0 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

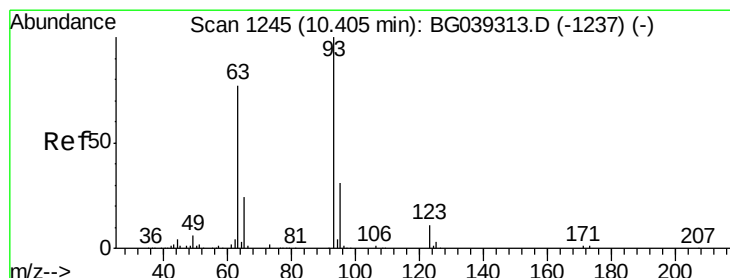
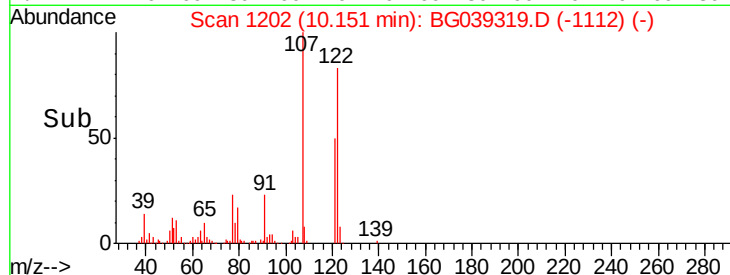
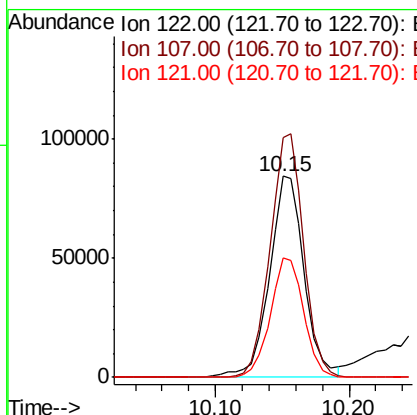
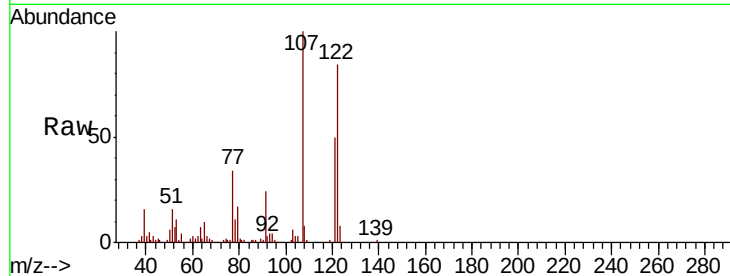




#27
 2,4-Dimethylphenol
 Concen: 59.907 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

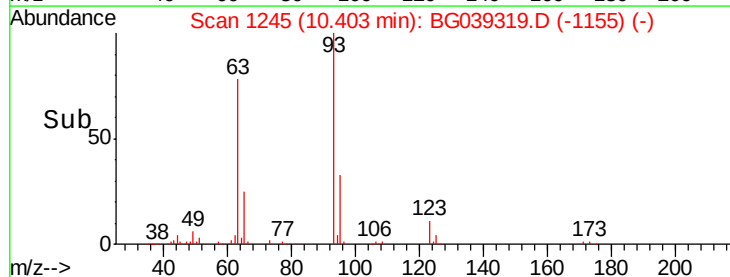
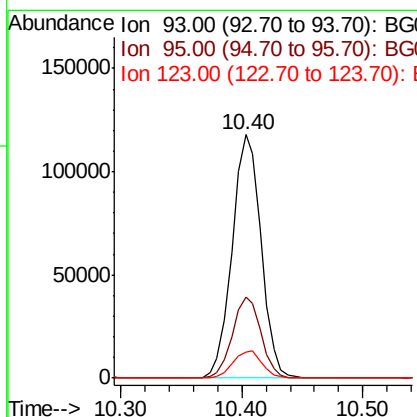
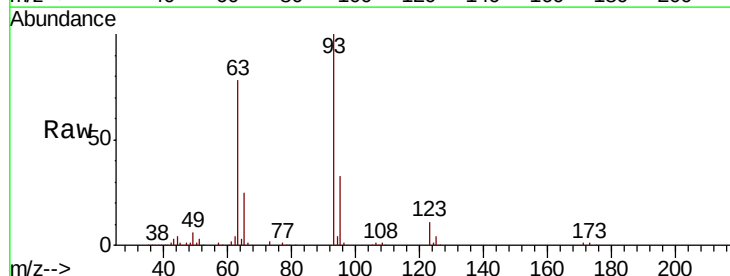
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

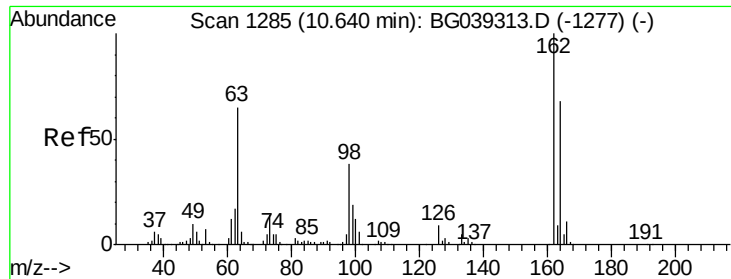
Tgt Ion: 122 Resp: 152602
 Ion Ratio Lower Upper
 122 100
 107 119.7 91.7 137.5
 121 59.5 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.709 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion: 93 Resp: 196684
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.0 37.4
 123 10.9 8.6 12.8

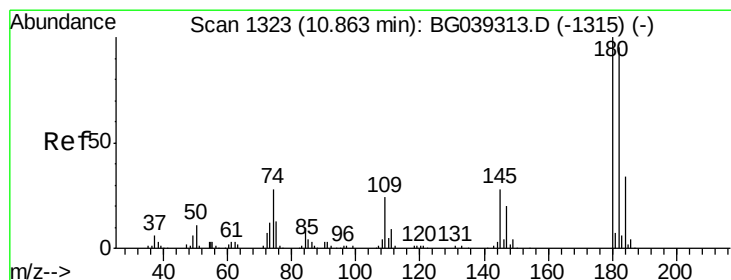
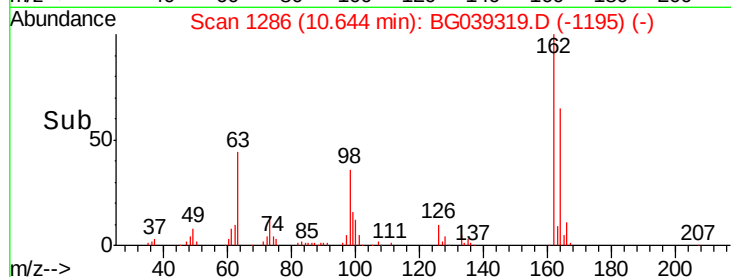
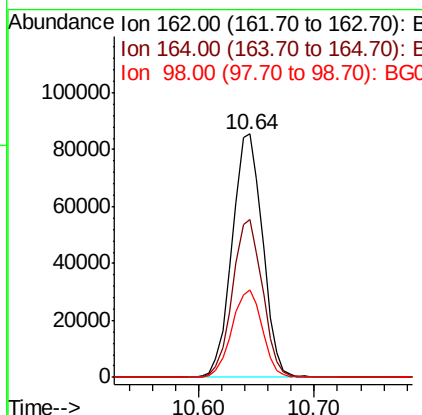
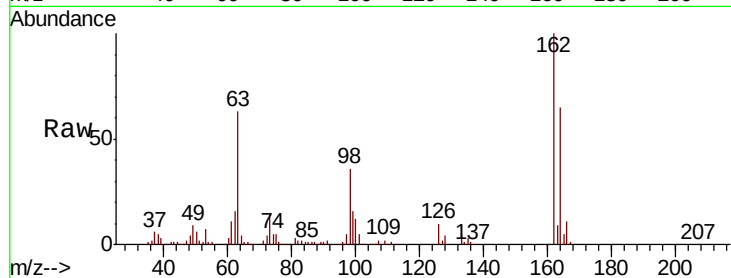




#29
 2,4-Dichlorophenol
 Concen: 56.087 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

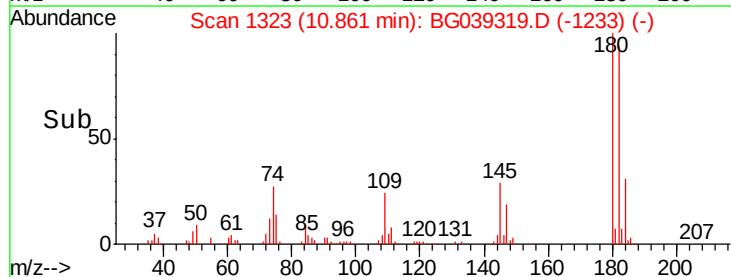
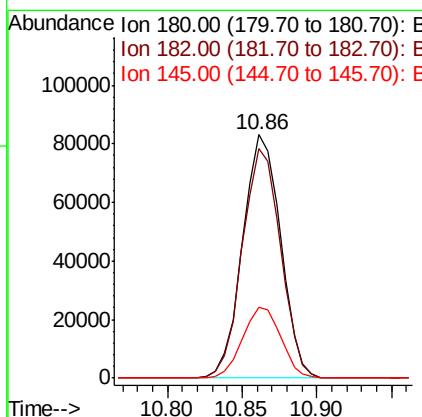
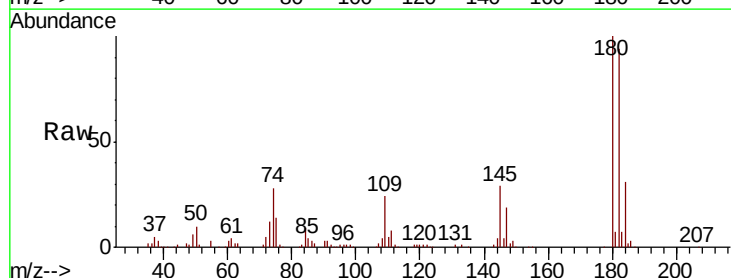
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

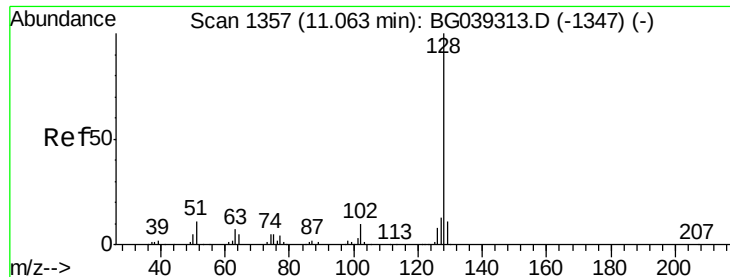
Tgt Ion:	162	Resp:	156149
Ion	Ratio	Lower	Upper
162	100		
164	64.9	48.1	88.1
98	36.0	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.802 ng
 RT: 10.86 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion:	180	Resp:	146288
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.0	114.0
145	28.8	22.7	34.1





#31

Naphthalene

Concen: 50.278 ng

RT: 11.06 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

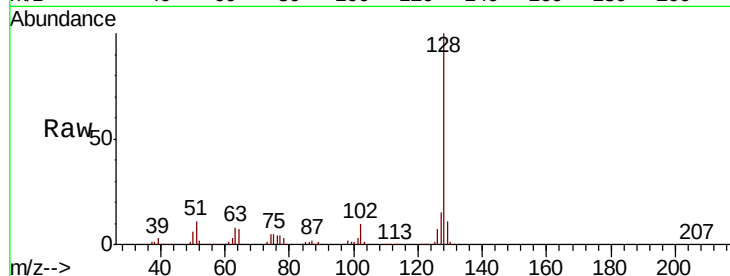
Tgt Ion:128 Resp: 442790

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

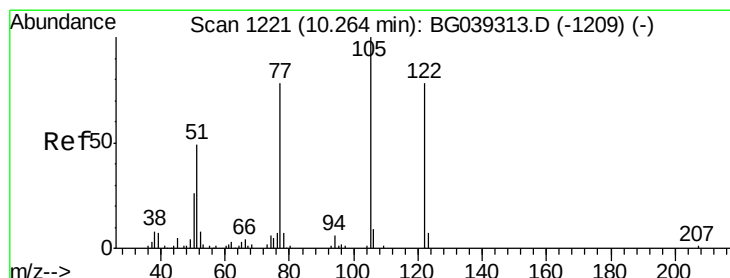
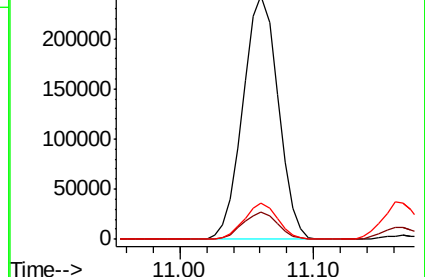
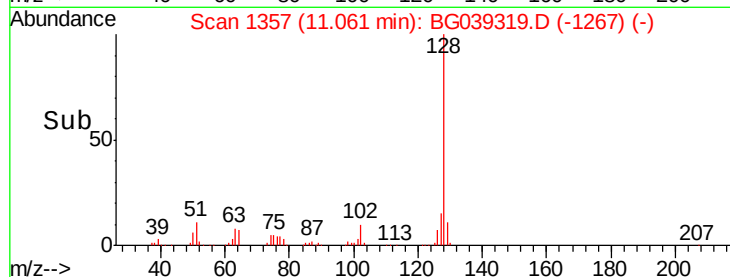
127 15.0 10.8 16.2



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: 55.690 ng

RT: 10.28 min Scan# 1224

Delta R.T. 0.02 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

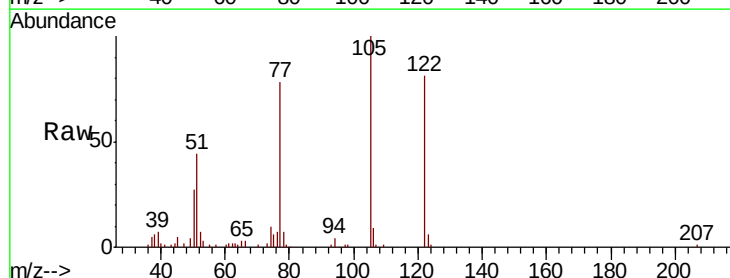
Tgt Ion:122 Resp: 95863

Ion Ratio Lower Upper

122 100

105 124.0 101.8 141.8

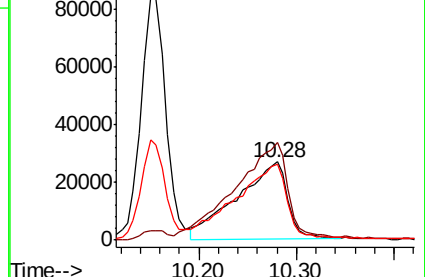
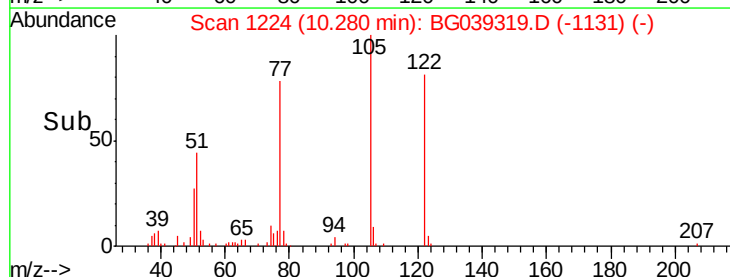
77 97.1 76.3 116.3

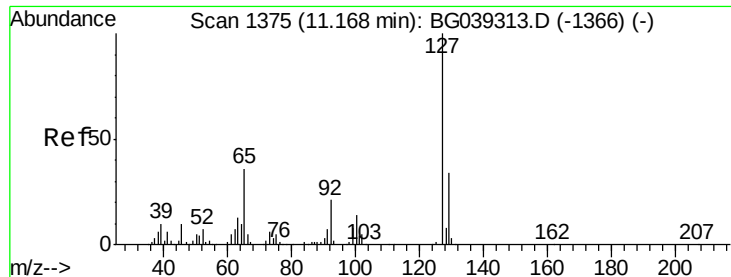


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

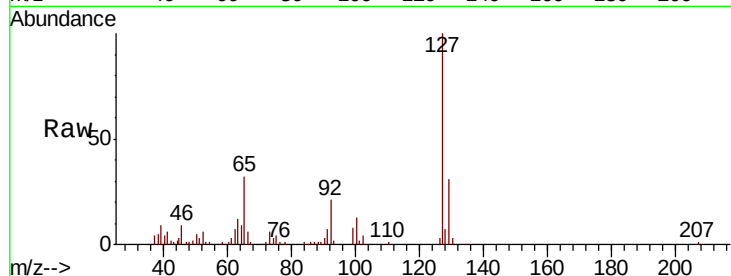




#33
4-Chloroaniline
Concen: 16.725 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Instrument :
BNA_G
ClientSampleId :
PB116679BSD

Tgt Ion:	127	Resp:	68294
Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.0	40.4
65	32.5	28.8	43.2
92	20.8	16.6	25.0



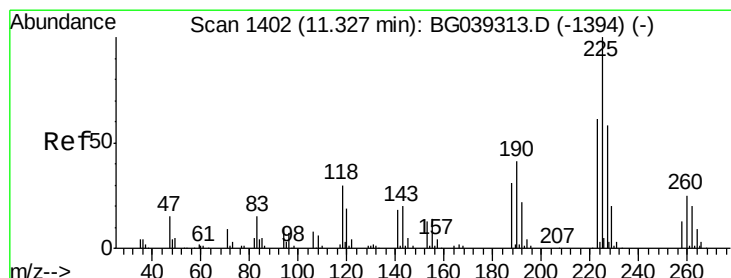
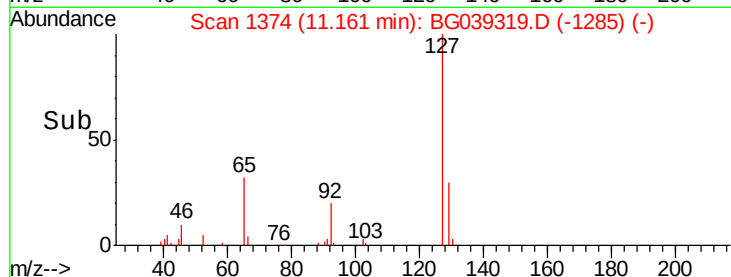
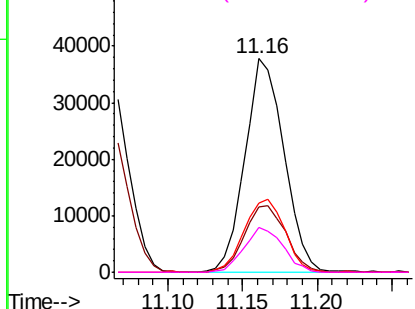
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

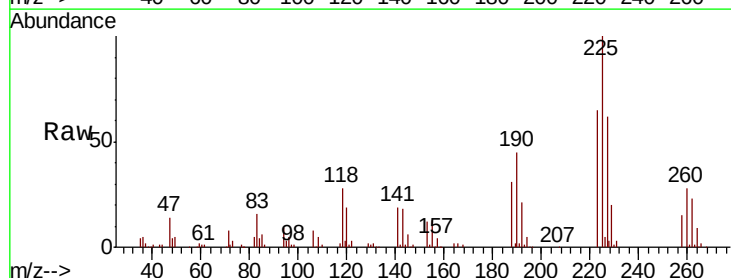
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 44.547 ng
RT: 11.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Tgt Ion:	225	Resp:	92598
Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.0	73.6
227	62.3	46.3	69.5

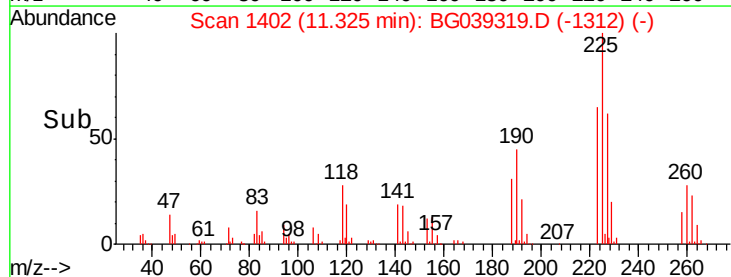
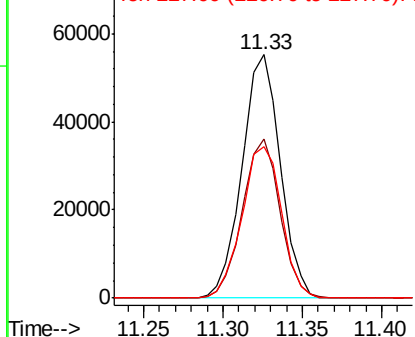


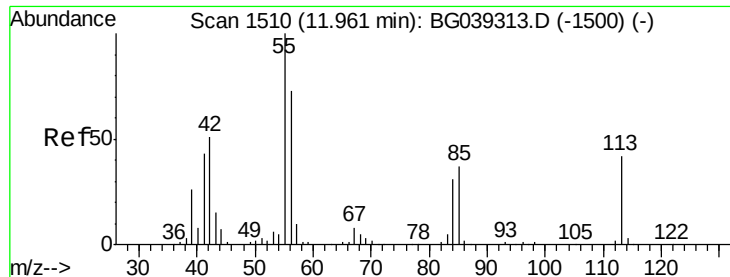
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

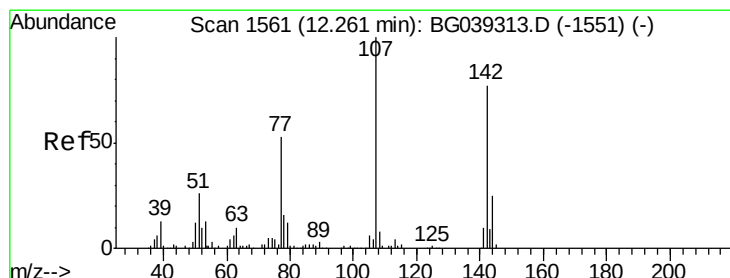
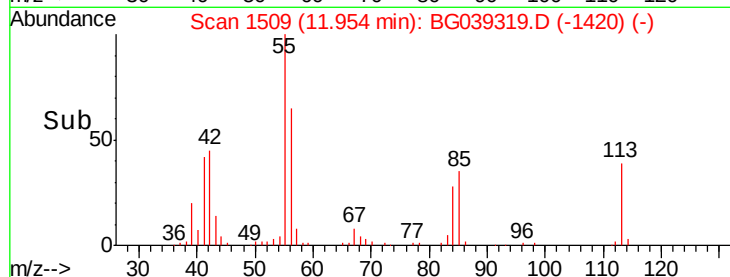
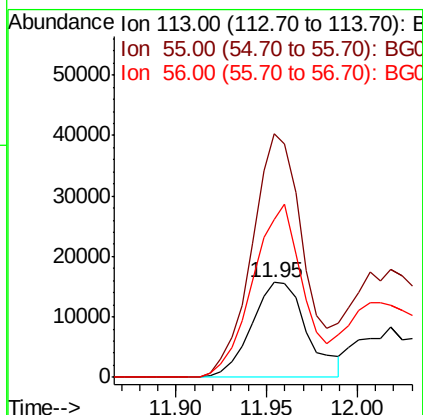
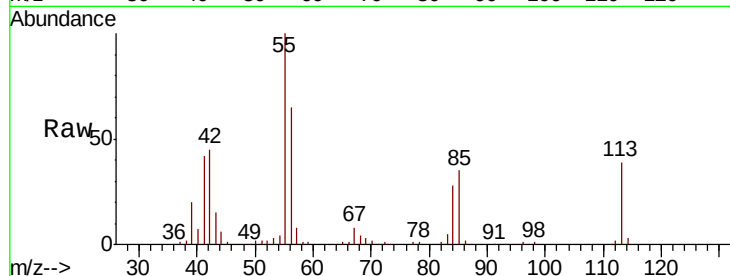




#35
 Caprolactam
 Concen: 28.907 ng
 RT: 11.95 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

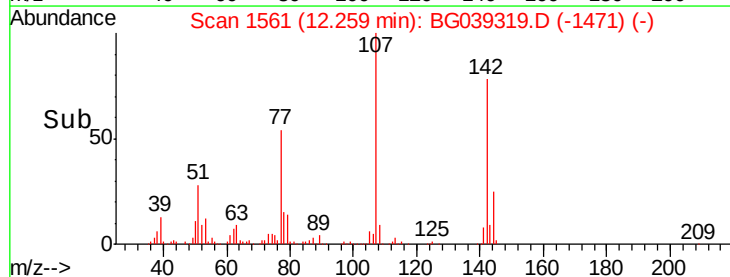
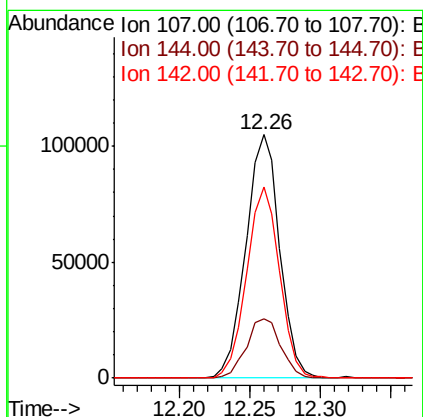
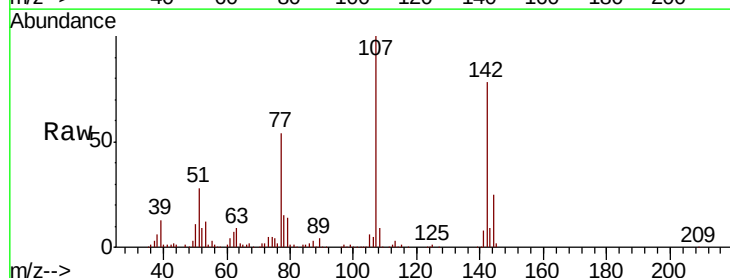
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

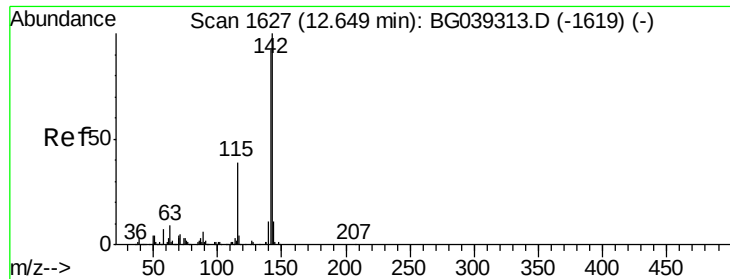
Tgt Ion:113 Resp: 33303
 Ion Ratio Lower Upper
 113 100
 55 256.1 216.9 256.9
 56 166.5 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 54.927 ng
 RT: 12.26 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion:107 Resp: 176852
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.2 30.2
 142 78.5 61.4 92.2

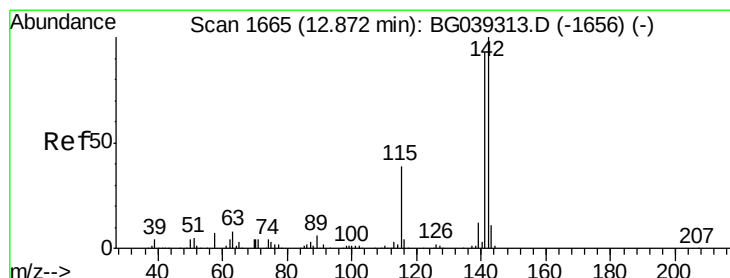
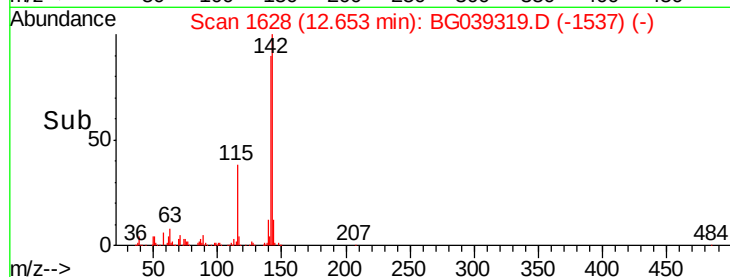
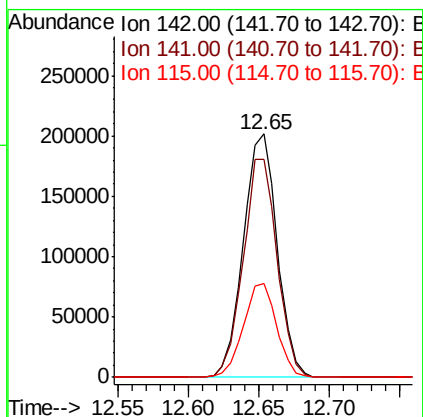
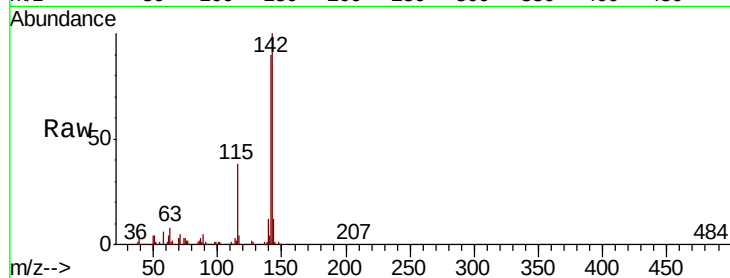




#37
 2-Methylnaphthalene
 Concen: 51.900 ng
 RT: 12.65 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

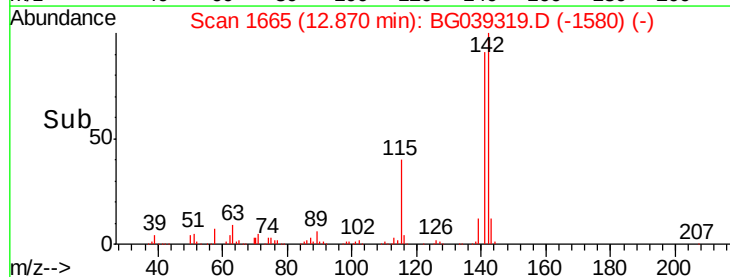
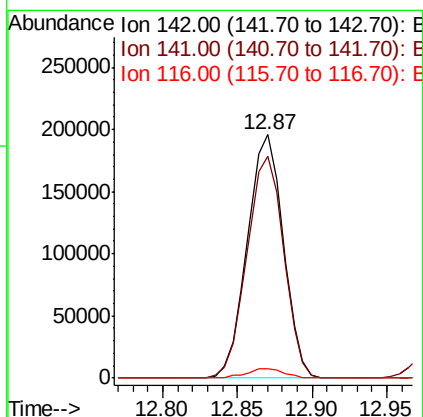
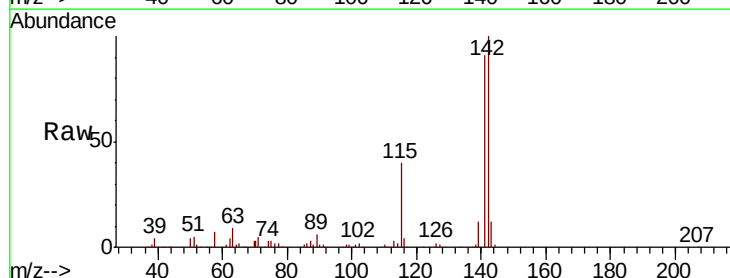
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

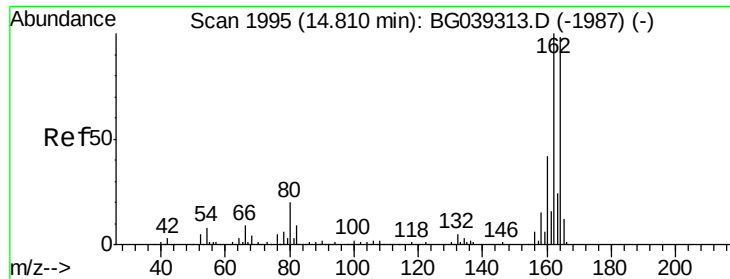
Tgt Ion:142 Resp: 338533
 Ion Ratio Lower Upper
 142 100
 141 89.5 73.5 110.3
 115 38.3 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 51.915 ng
 RT: 12.87 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion:142 Resp: 326421
 Ion Ratio Lower Upper
 142 100
 141 91.4 74.2 111.4
 116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

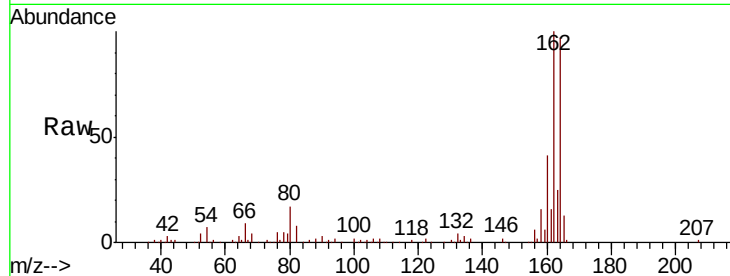
Tgt Ion:164 Resp: 118986

Ion Ratio Lower Upper

164 100

162 103.6 81.6 122.4

160 42.7 34.2 51.2

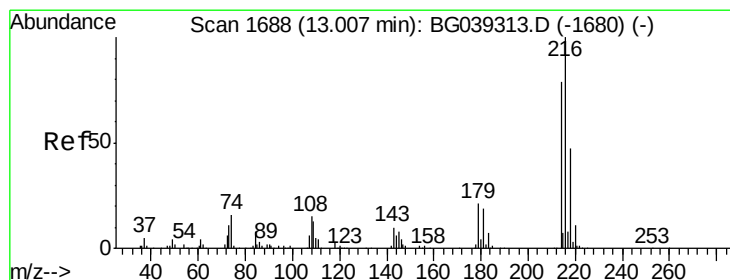
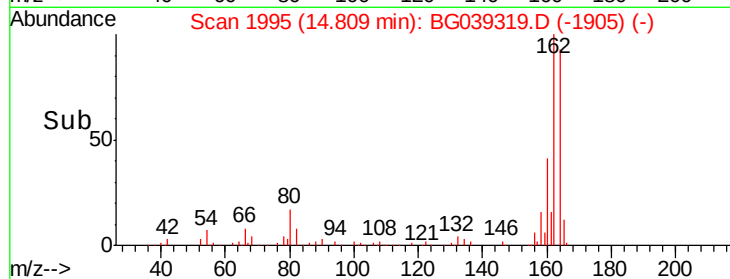
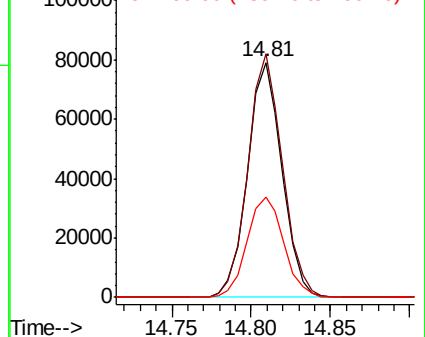


Abundance

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: 47.338 ng

RT: 13.01 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Tgt Ion:216 Resp: 179213

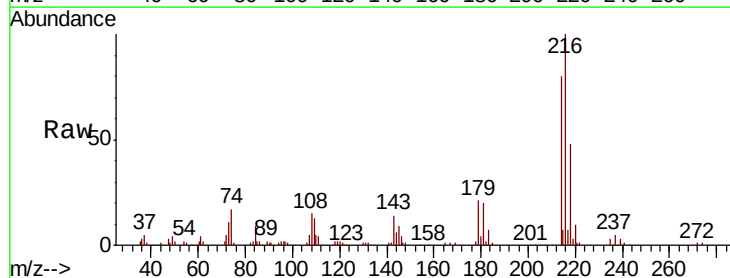
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 21.0 16.6 25.0

108 19.8 14.0 21.0



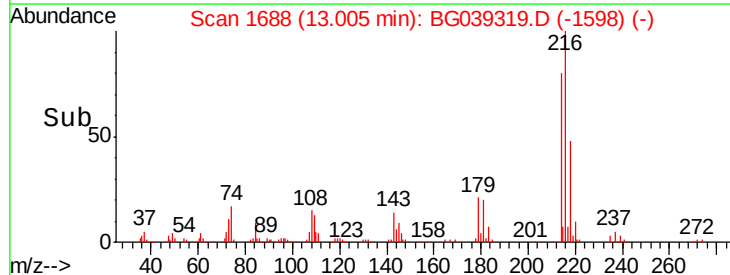
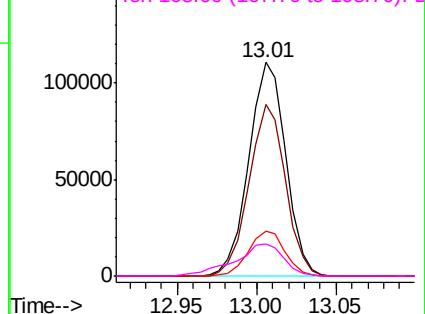
Abundance

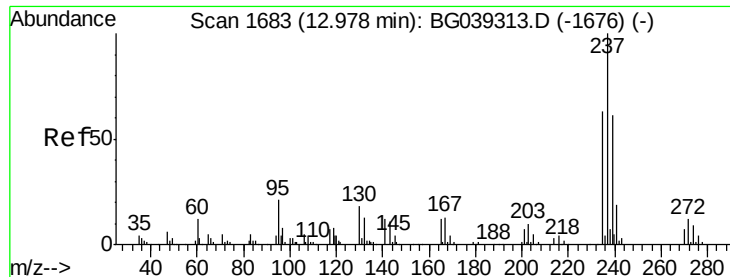
Ion 216.00 (215.70 to 216.70): E

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: 116.203 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

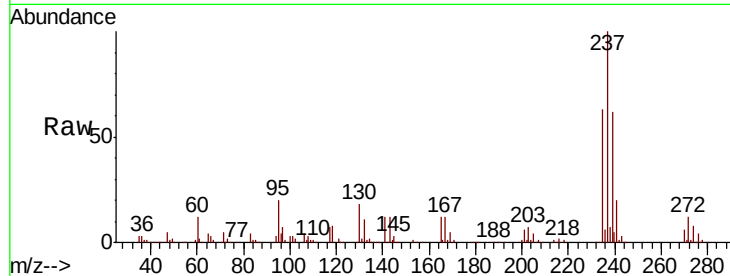
Tgt Ion: 237 Resp: 239720

Ion Ratio Lower Upper

237 100

235 62.6 43.3 83.3

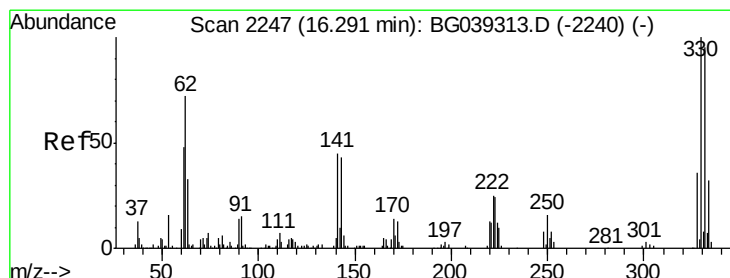
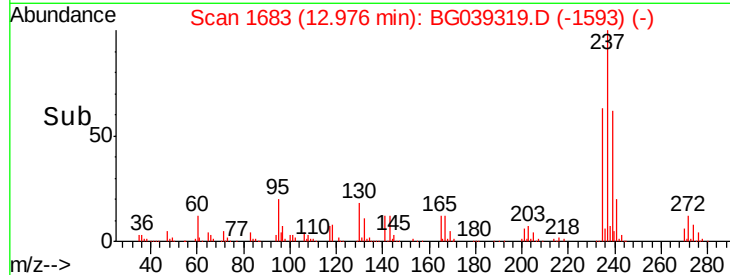
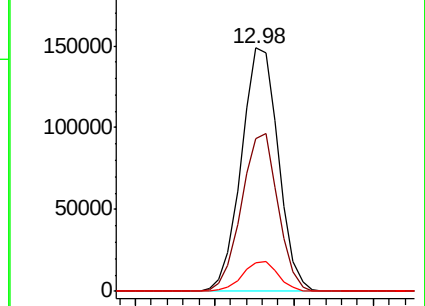
272 11.5 0.0 32.3



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: 113.225 ng

RT: 16.30 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

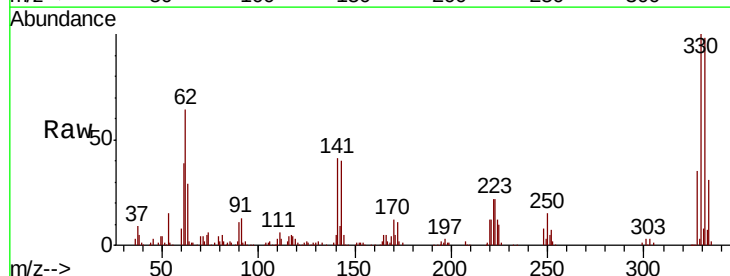
Tgt Ion: 330 Resp: 145072

Ion Ratio Lower Upper

330 100

332 97.3 75.7 113.5

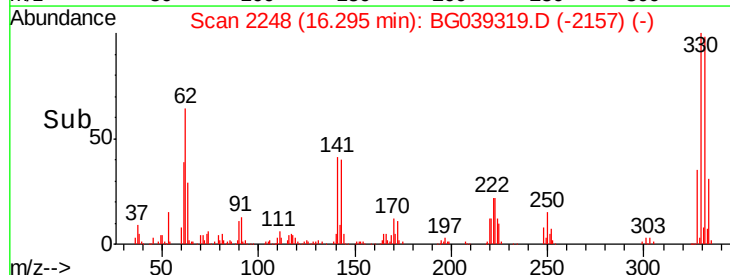
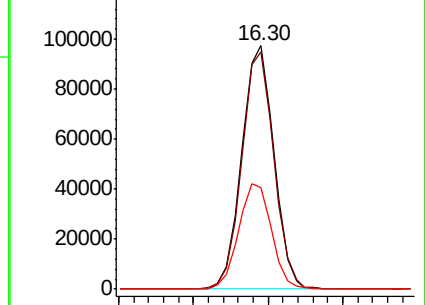
141 44.5 35.6 53.4

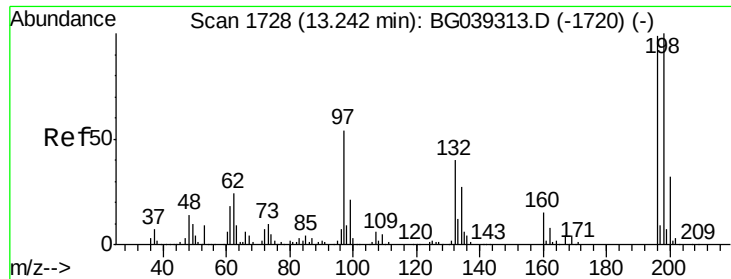


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

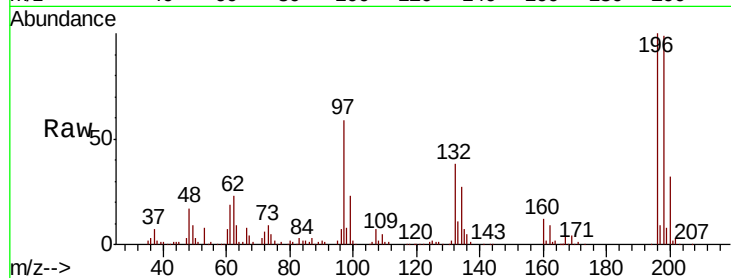




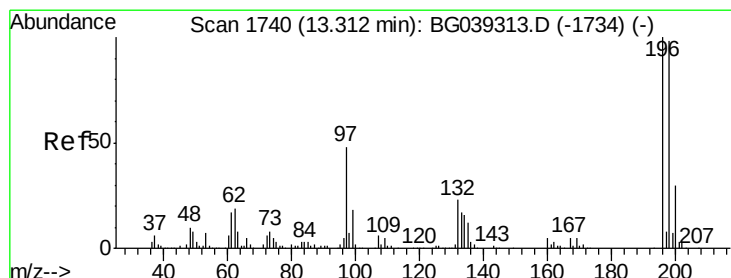
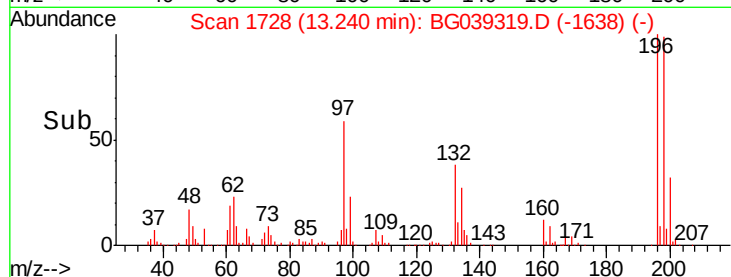
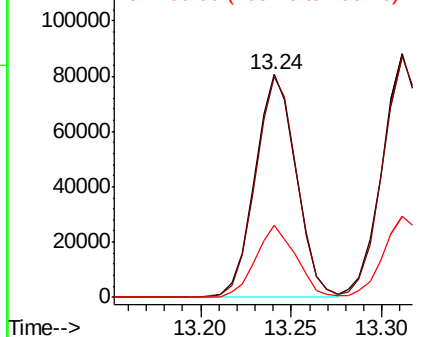
#43
 2,4,6-Trichlorophenol
 Concen: 54.906 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

Tgt Ion:196 Resp: 127804
 Ion Ratio Lower Upper
 196 100
 198 99.0 80.6 121.0
 200 32.4 26.1 39.1

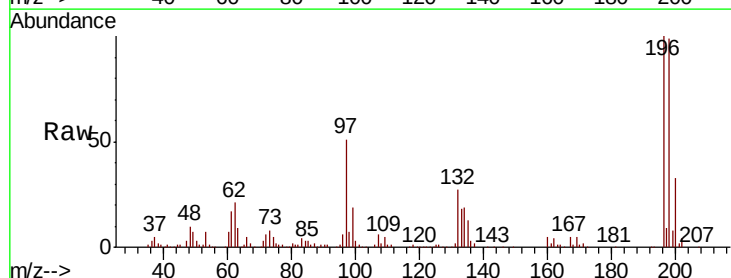


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

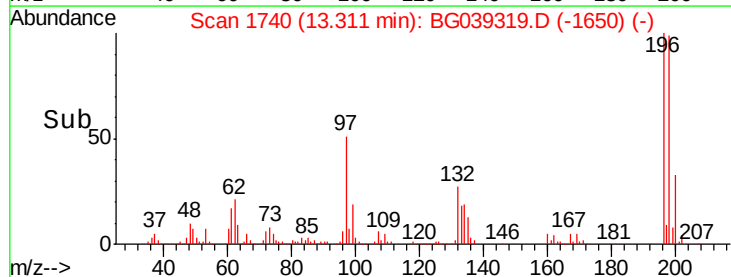
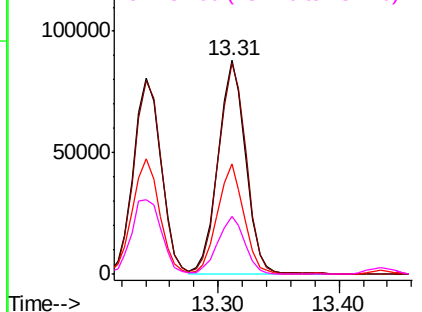


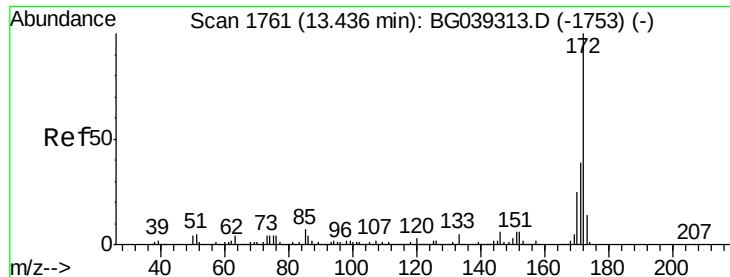
#44
 2,4,5-Trichlorophenol
 Concen: 56.465 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion:196 Resp: 137754
 Ion Ratio Lower Upper
 196 100
 198 98.9 78.5 117.7
 97 51.3 38.4 57.6
 132 26.8 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

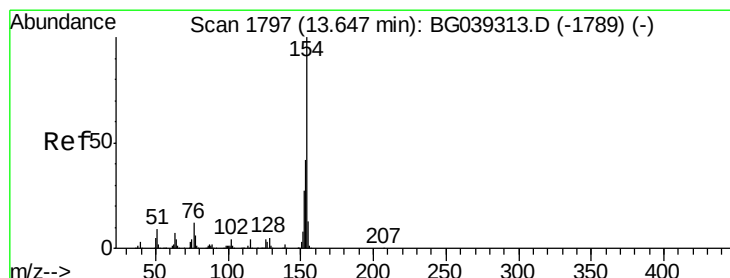
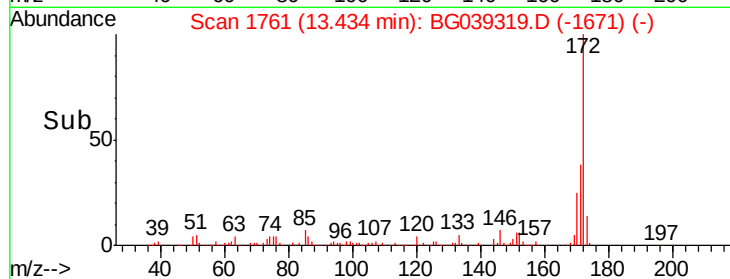
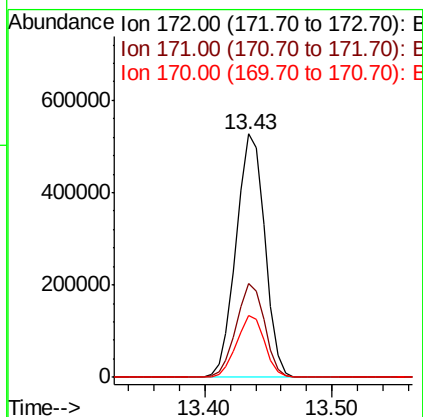
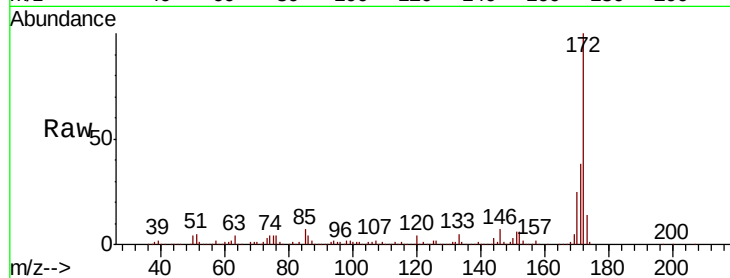




#45
2-Fluorobiphenyl
Concen: 99.160 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

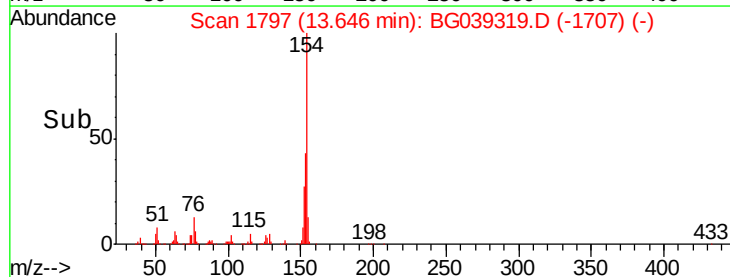
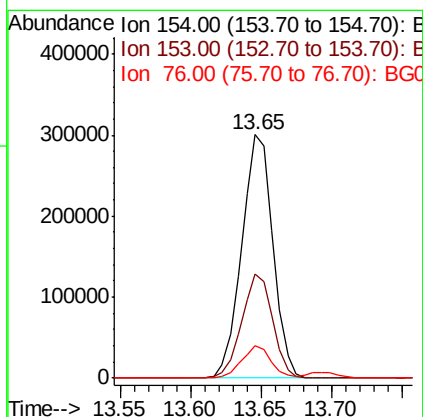
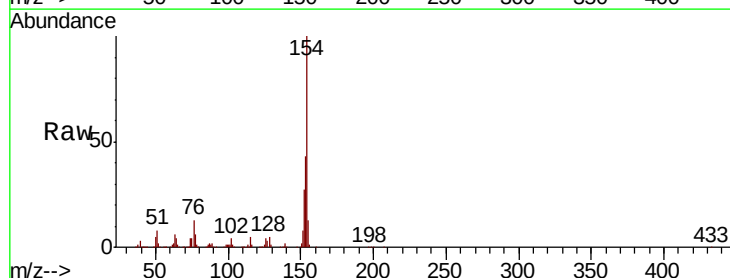
Instrument :
BNA_G
ClientSampleId :
PB116679BSD

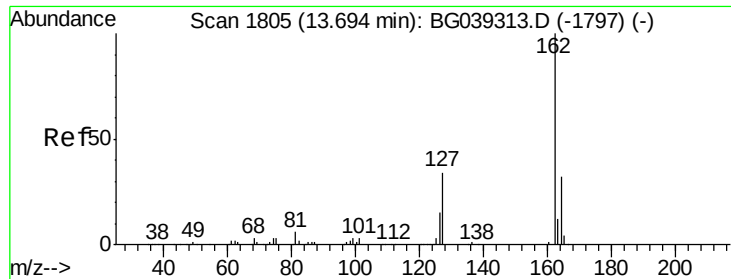
Tgt Ion:172 Resp: 822467
Ion Ratio Lower Upper
172 100
171 38.4 30.8 46.2
170 25.2 20.2 30.4



#46
1,1'-Biphenyl
Concen: 46.805 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Tgt Ion:154 Resp: 463370
Ion Ratio Lower Upper
154 100
153 42.8 22.1 62.1
76 13.2 0.0 32.4





#47

2-Chloronaphthalene

Concen: 46.410 ng

RT: 13.70 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

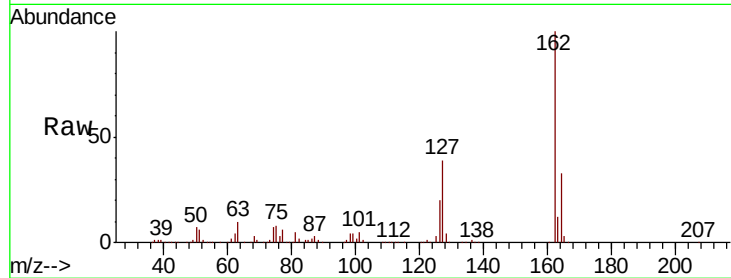
Tgt Ion: 162 Resp: 345638

Ion Ratio Lower Upper

162 100

127 38.8 31.0 46.6

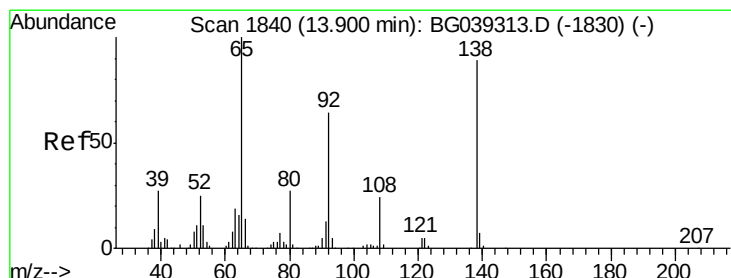
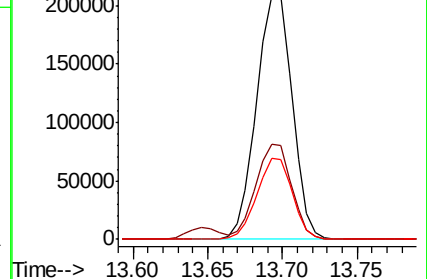
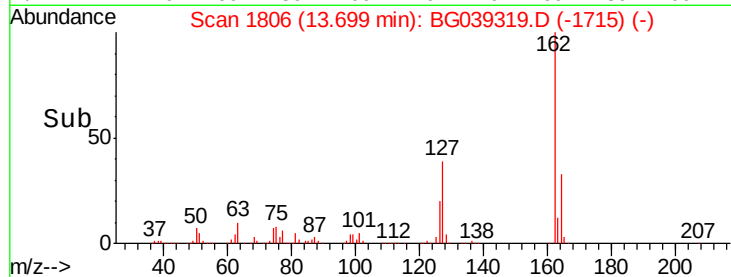
164 32.7 25.7 38.5



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: 53.117 ng

RT: 13.90 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

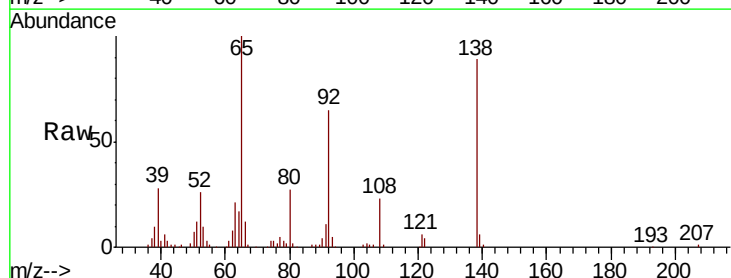
Tgt Ion: 65 Resp: 115925

Ion Ratio Lower Upper

65 100

92 64.9 51.4 77.2

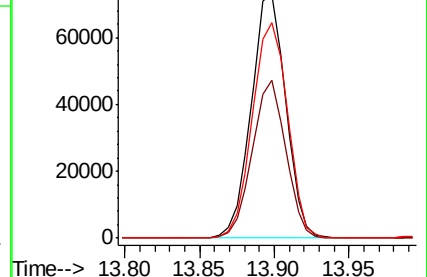
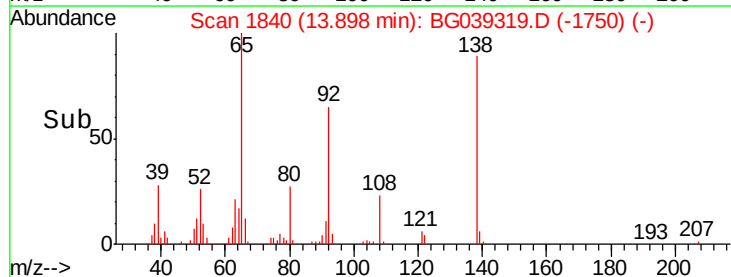
138 88.6 71.4 107.2

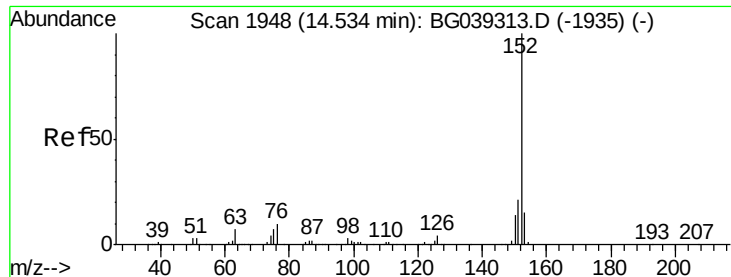


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.652 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

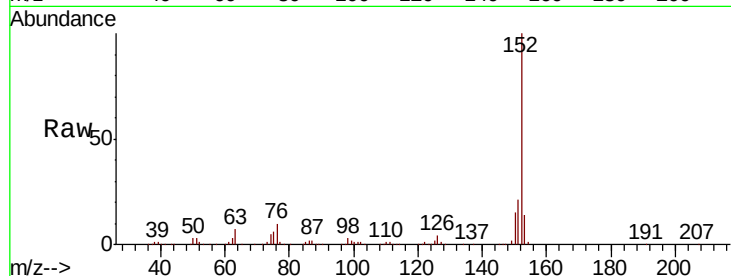
Tgt Ion:152 Resp: 580444

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

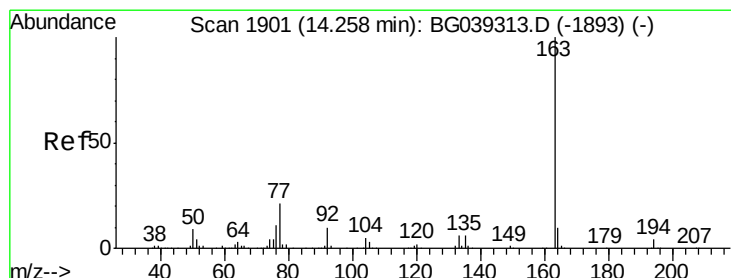
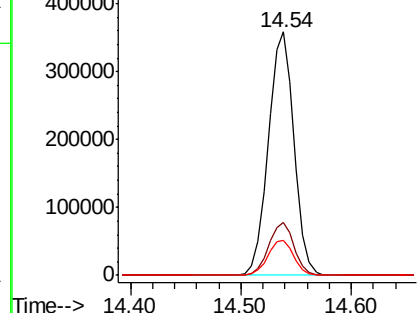
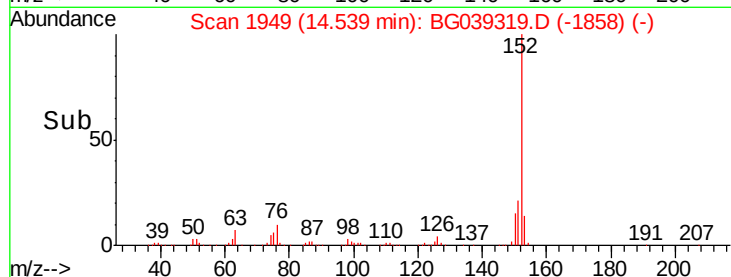
153 14.4 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.767 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

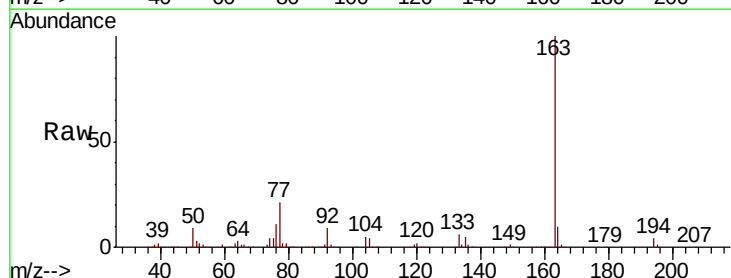
Tgt Ion:163 Resp: 487858

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

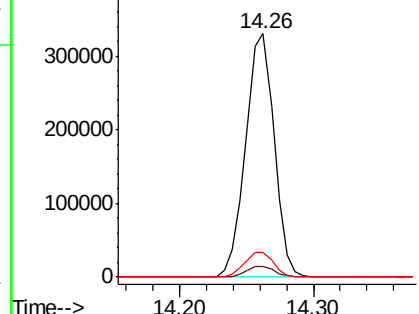
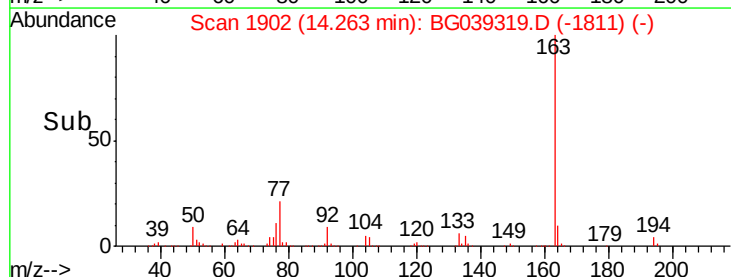
164 10.4 8.4 12.6

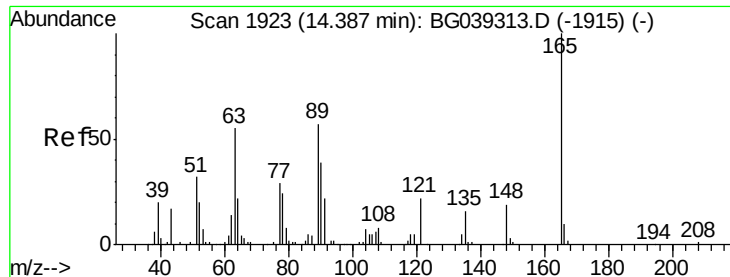


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

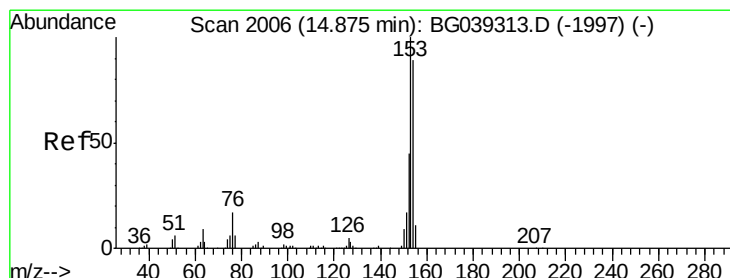
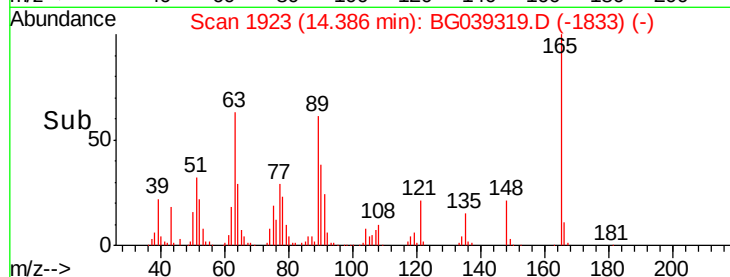
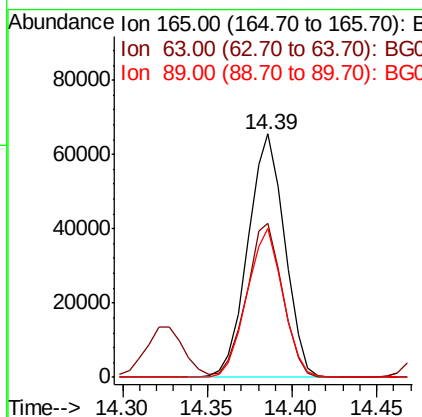
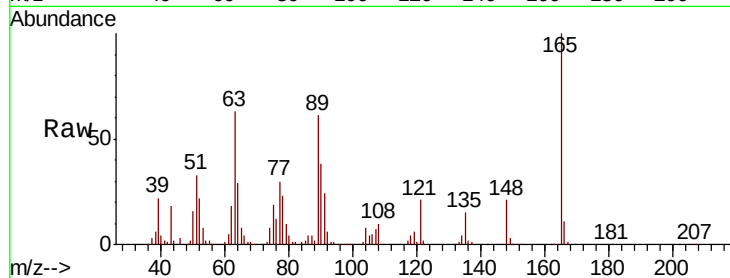




#51
 2,6-Dinitrotoluene
 Concen: 54.133 ng
 RT: 14.39 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

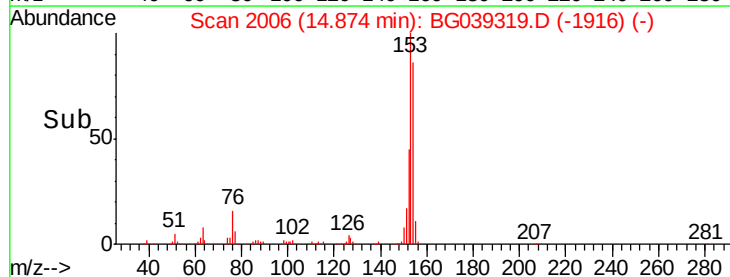
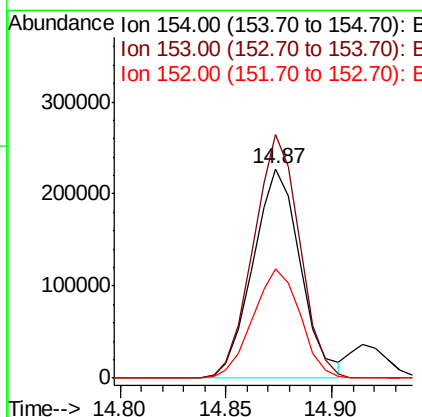
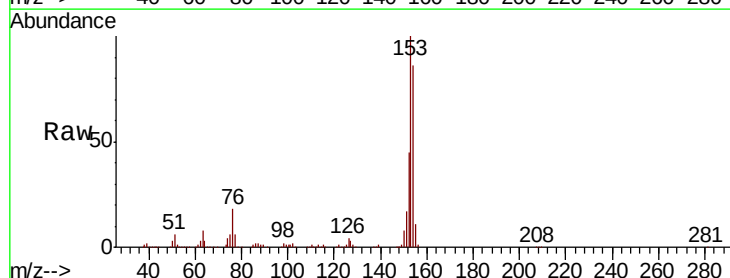
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

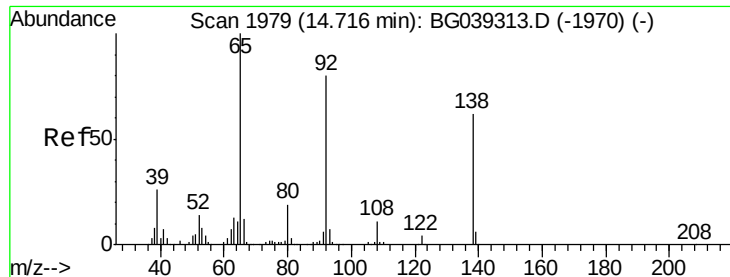
Tgt Ion:165 Resp: 98967
 Ion Ratio Lower Upper
 165 100
 63 63.4 47.0 70.6
 89 61.3 45.8 68.8



#52
 Acenaphthene
 Concen: 48.807 ng
 RT: 14.87 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion:154 Resp: 356030
 Ion Ratio Lower Upper
 154 100
 153 116.2 90.1 135.1
 152 52.3 40.9 61.3





#53

3-Nitroaniline

Concen: 27.521 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

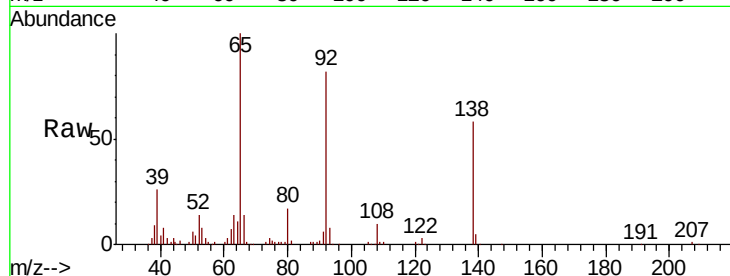
Tgt Ion:138 Resp: 47888

Ion Ratio Lower Upper

138 100

108 16.5 13.8 20.8

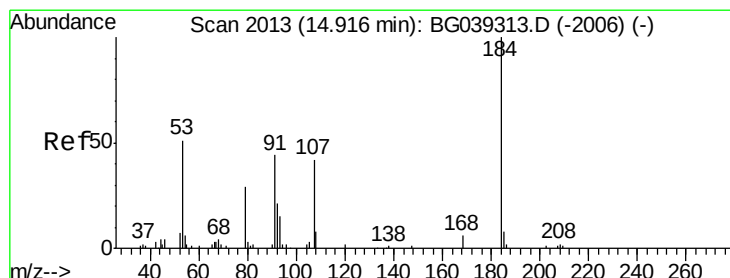
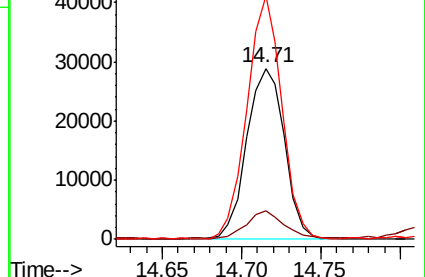
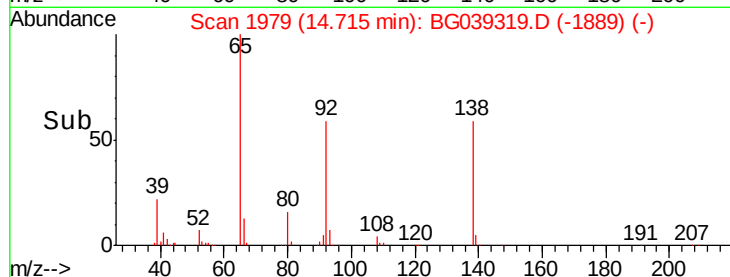
92 142.2 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 96.902 ng

RT: 14.91 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

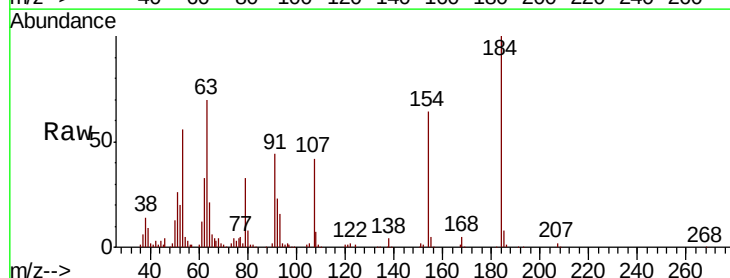
Tgt Ion:184 Resp: 84945

Ion Ratio Lower Upper

184 100

63 70.1 50.9 76.3

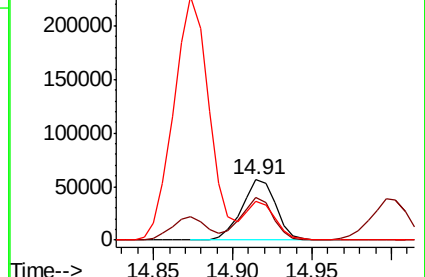
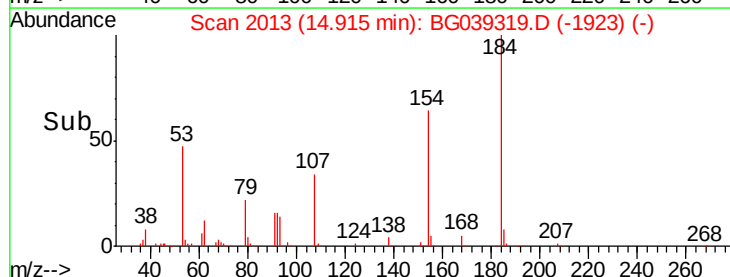
154 64.4 53.0 79.6

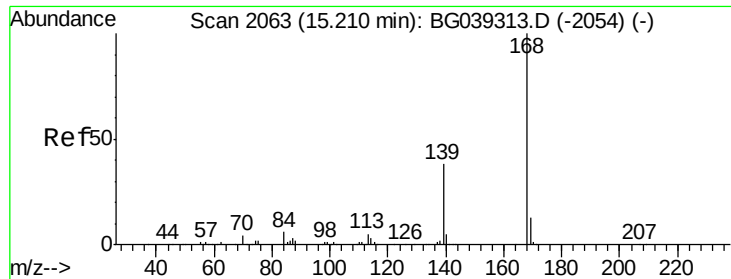


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

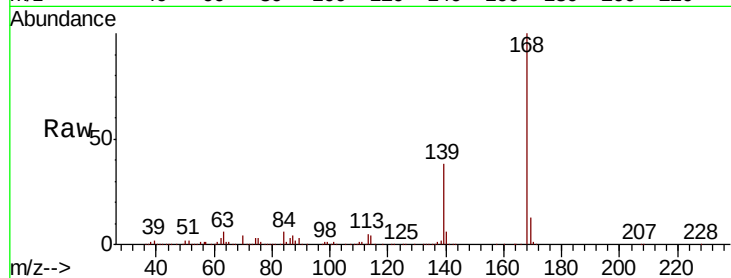




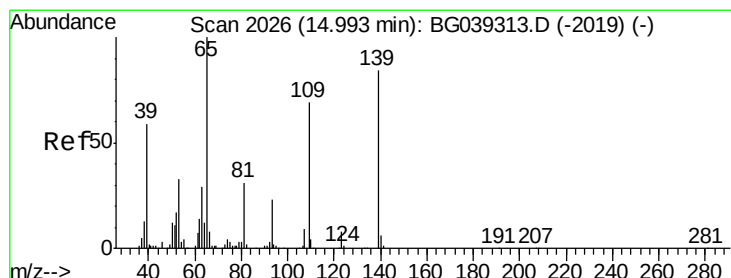
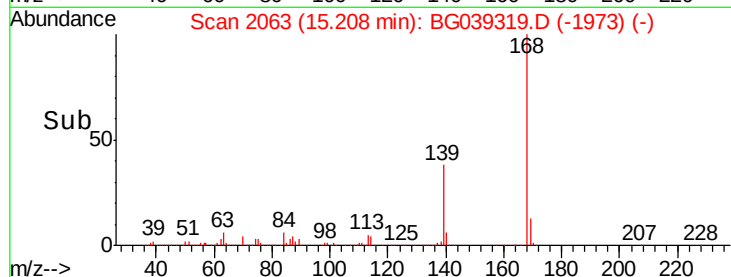
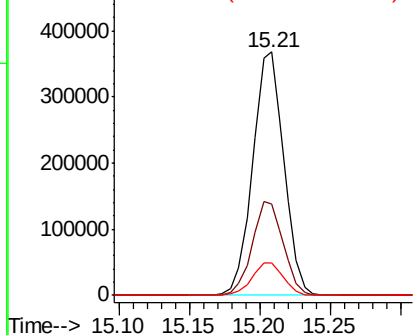
#55
Dibenzenofuran
Concen: 48.833 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Instrument :
BNA_G
ClientSampleId :
PB116679BSD

Tgt Ion:168 Resp: 571140
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.3 10.6 16.0

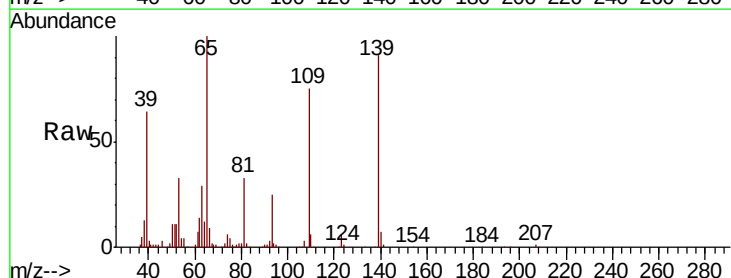


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

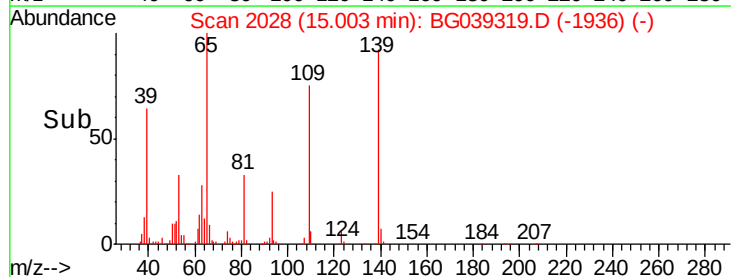
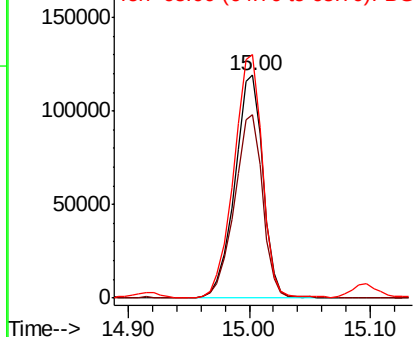


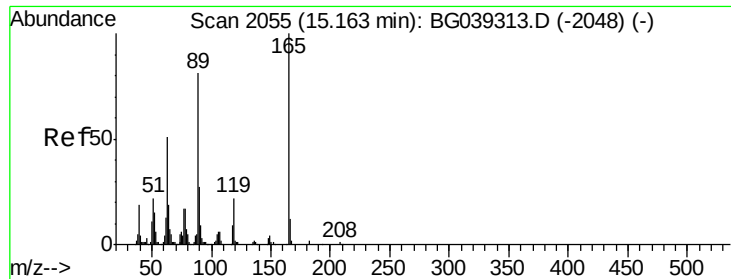
#56
4-Nitrophenol
Concen: 108.727 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Tgt Ion:139 Resp: 192814
Ion Ratio Lower Upper
139 100
109 82.2 61.9 101.9
65 109.4 99.1 139.1



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





#57

2,4-Dinitrotoluene

Concen: 57.030 ng

RT: 15.17 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

Tgt Ion:165 Resp: 135250

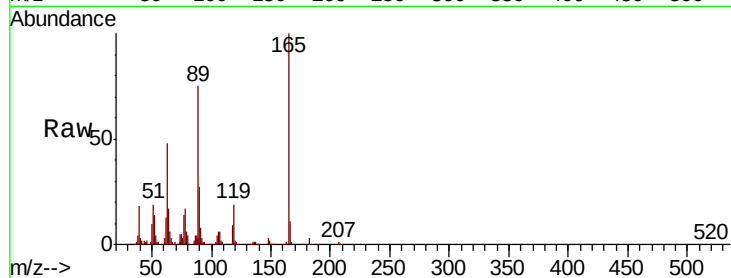
Ion Ratio Lower Upper

165 100

63 47.9 41.0 61.6

89 75.2 64.6 96.8

182 2.6 2.0 3.0

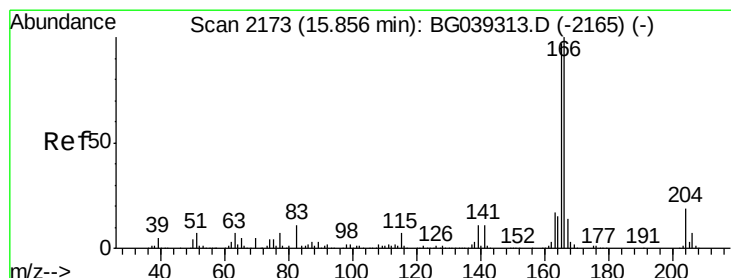
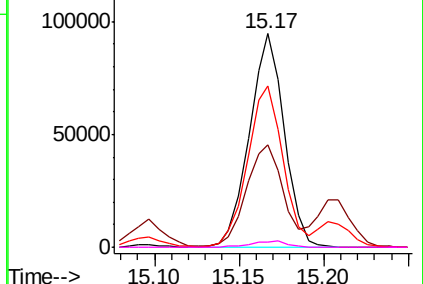
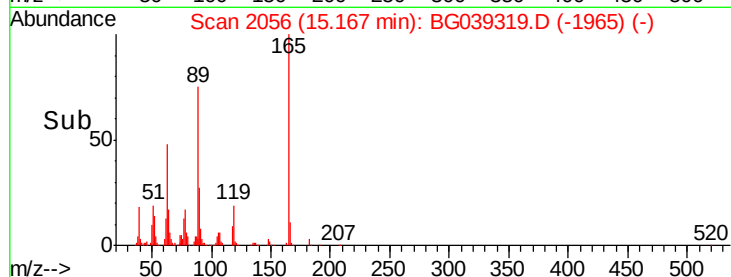


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 53.068 ng

RT: 15.85 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

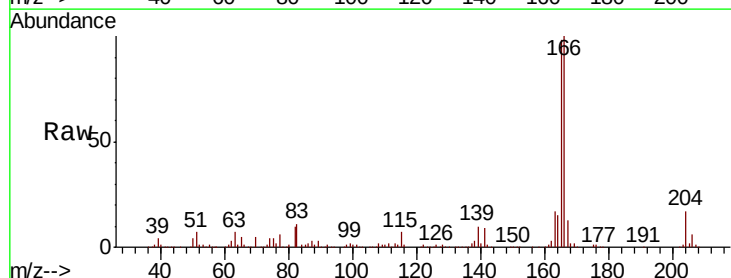
Tgt Ion:166 Resp: 462683

Ion Ratio Lower Upper

166 100

165 97.9 77.9 116.9

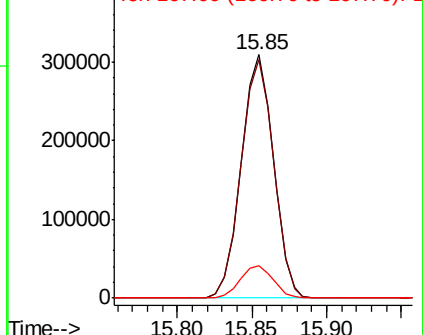
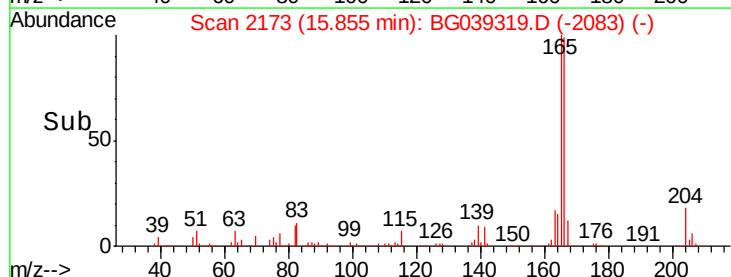
167 13.3 10.8 16.2

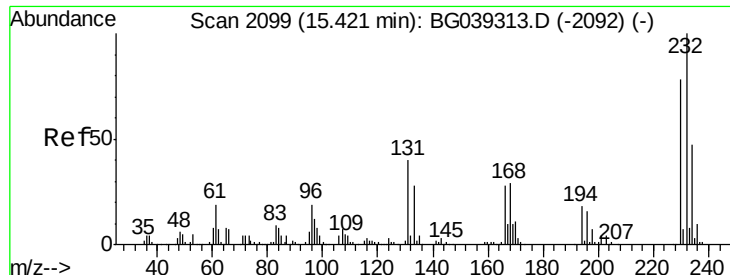


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

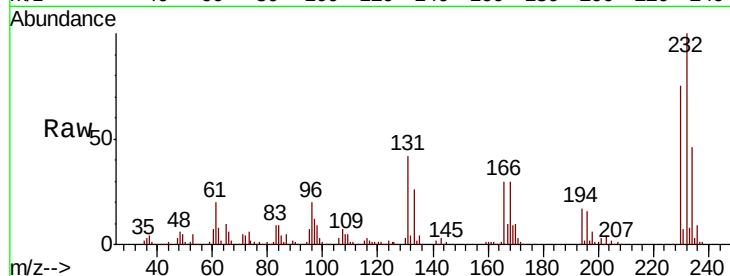




#59
2,3,4,6-Tetrachlorophenol
Concen: 62.122 ng
RT: 15.42 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Instrument :
BNA_G
ClientSampleId :
PB116679BSD

Tgt Ion:	232	Resp:	141902
Ion	Ratio	Lower	Upper
232	100		
131	42.7	34.9	52.3
130	2.7	2.0	3.0
166	29.9	24.1	36.1



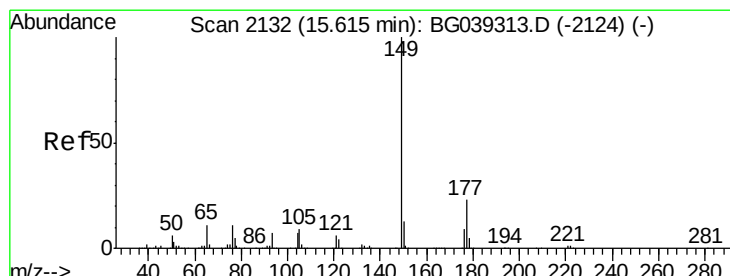
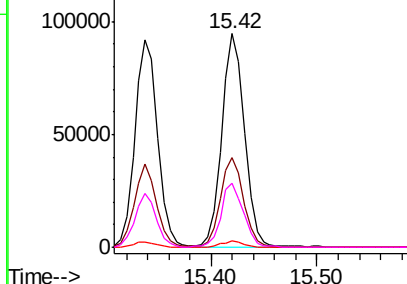
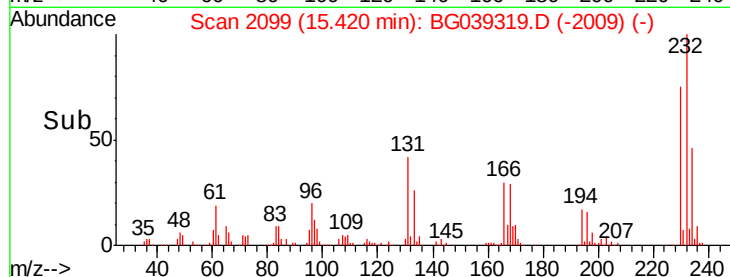
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

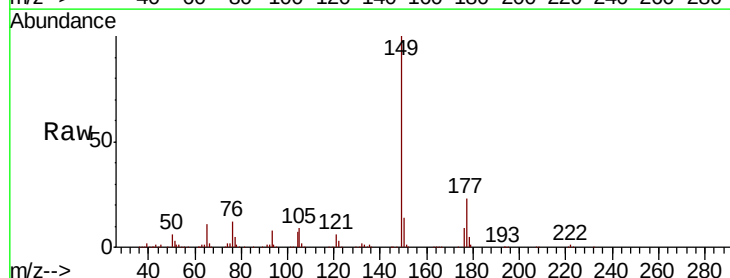
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 51.174 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Tgt Ion:	149	Resp:	508455
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	13.6	10.2	15.2

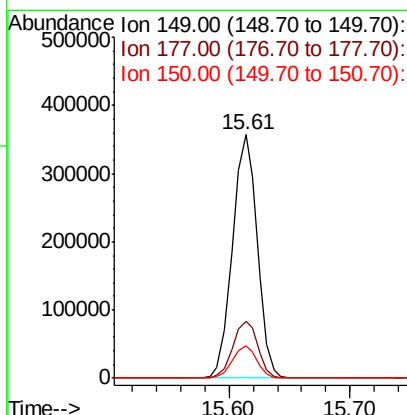
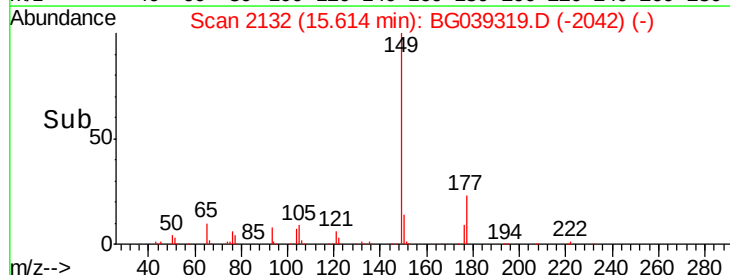


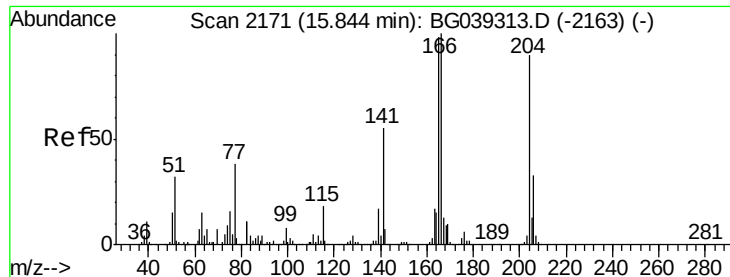
Abundance

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

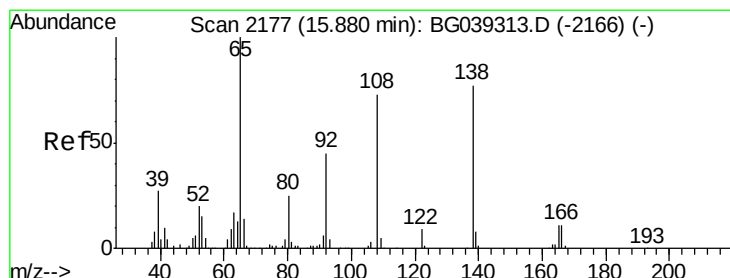
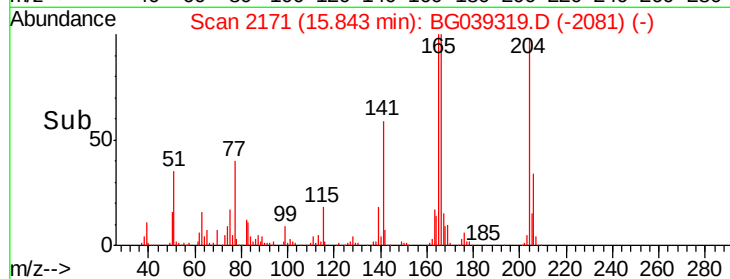
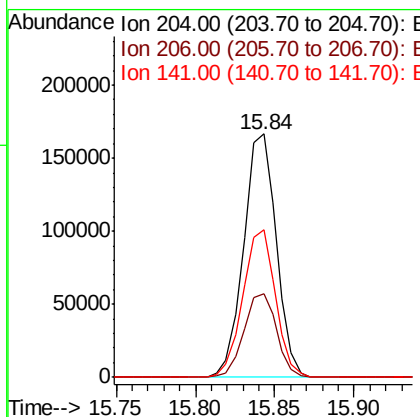
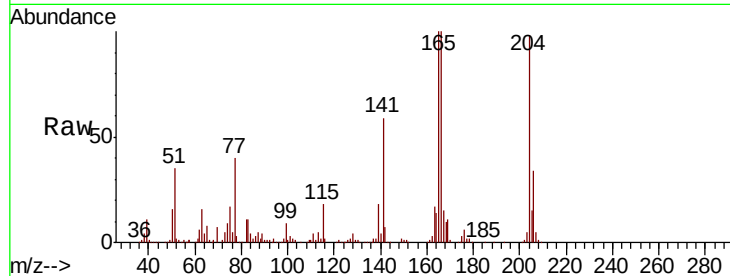




#61
 4-Chlorophenyl-phenylether
 Concen: 48.238 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

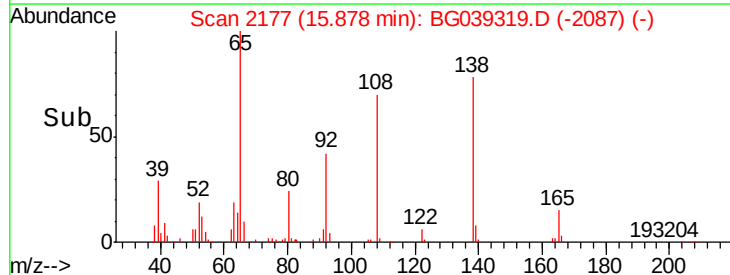
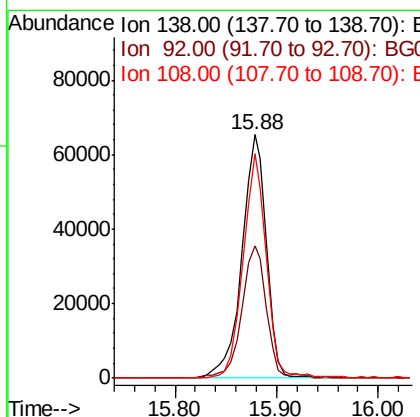
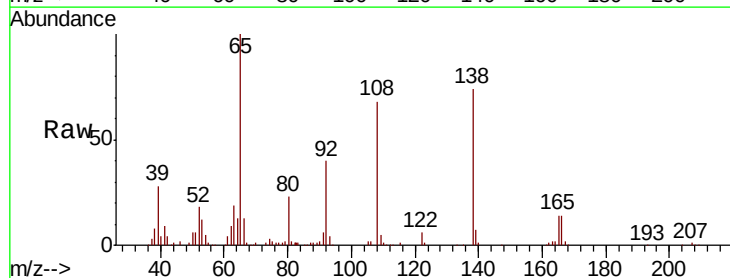
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

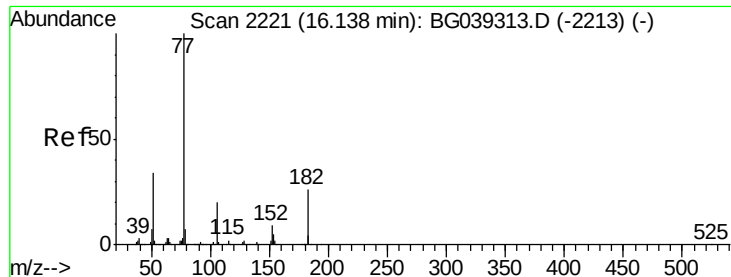
Tgt Ion:204 Resp: 238140
 Ion Ratio Lower Upper
 204 100
 206 34.6 29.2 43.8
 141 60.4 49.0 73.4



#62
 4-Nitroaniline
 Concen: 53.626 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion:138 Resp: 109152
 Ion Ratio Lower Upper
 138 100
 92 54.4 38.7 78.7
 108 92.2 74.6 114.6





#63

Azobenzene

Concen: 49.115 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

Tgt Ion: 77 Resp: 476974

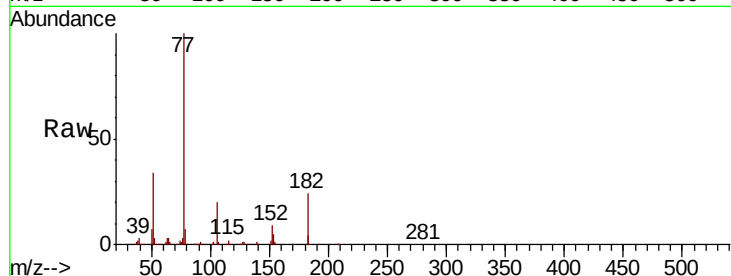
Ion Ratio Lower Upper

77 100

182 23.8 6.4 46.4

105 19.7 0.0 39.8

51 34.1 14.1 54.1



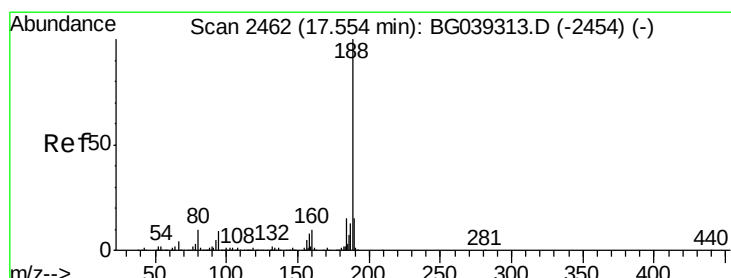
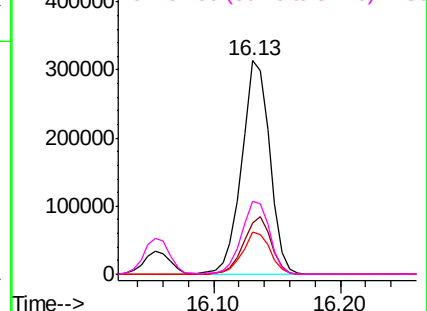
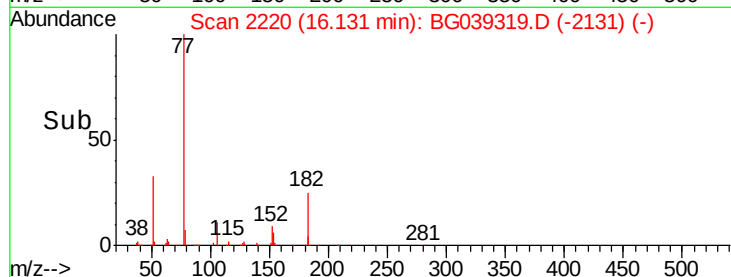
Abundance

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: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

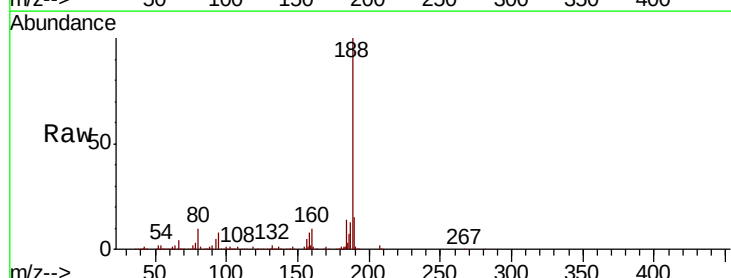
Tgt Ion: 188 Resp: 296085

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

80 9.8 8.1 12.1

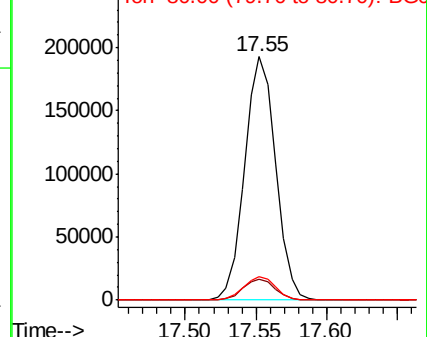
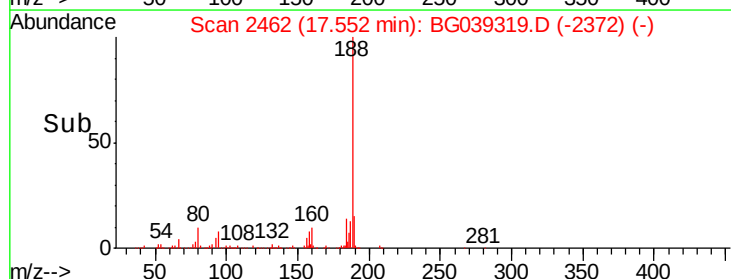


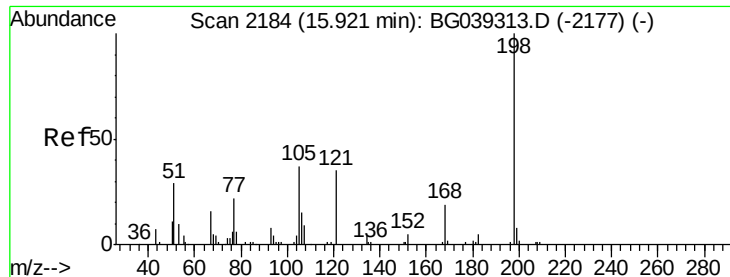
Abundance

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

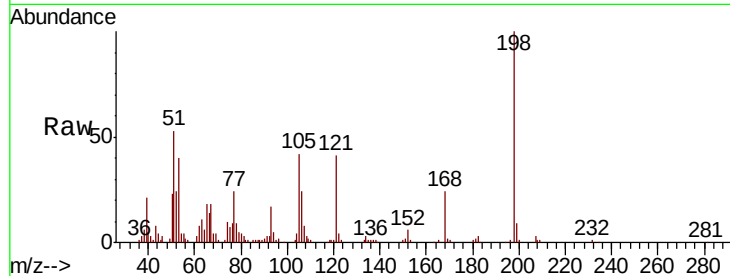




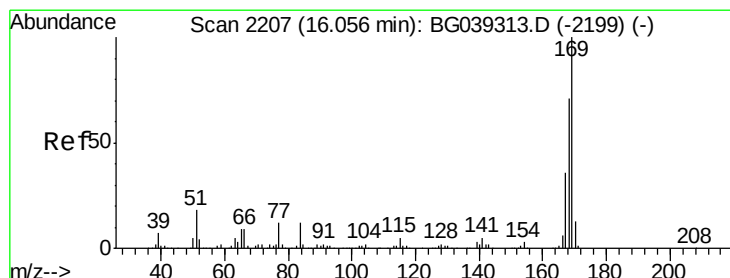
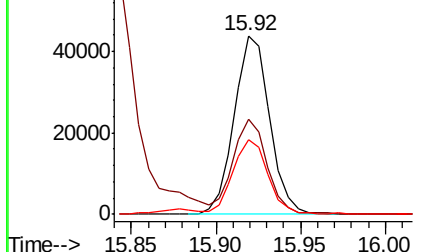
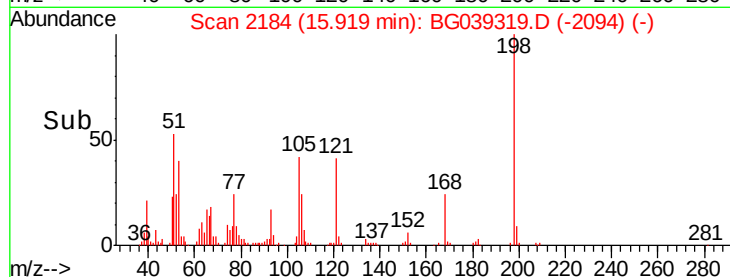
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.658 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

Tgt Ion:198 Resp: 63830
 Ion Ratio Lower Upper
 198 100
 51 53.3 27.4 67.4
 105 42.0 19.7 59.7

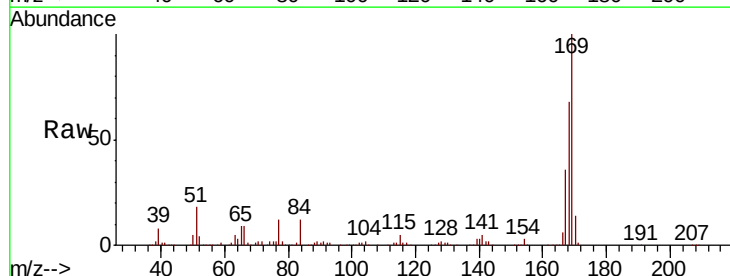


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

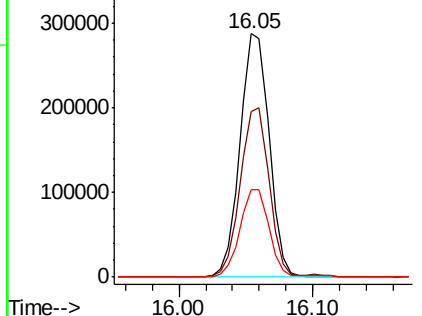
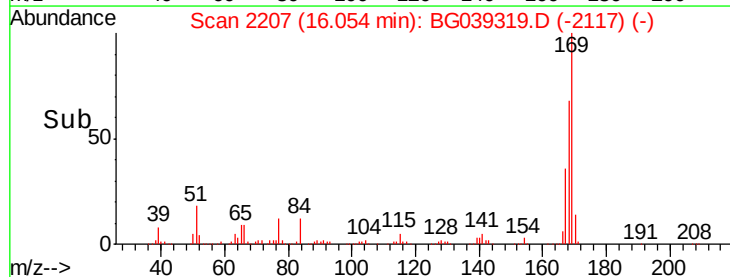


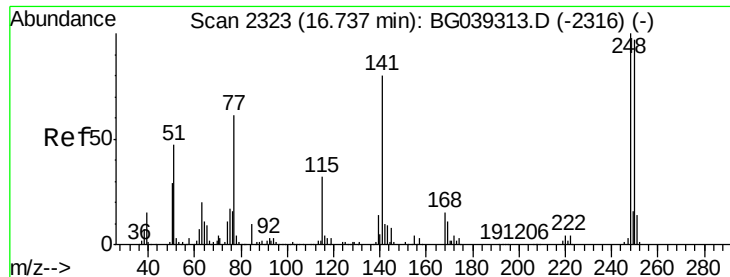
#66
 n-Nitrosodiphenylamine
 Concen: 47.935 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion:169 Resp: 431559
 Ion Ratio Lower Upper
 169 100
 168 67.8 56.6 85.0
 167 35.7 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

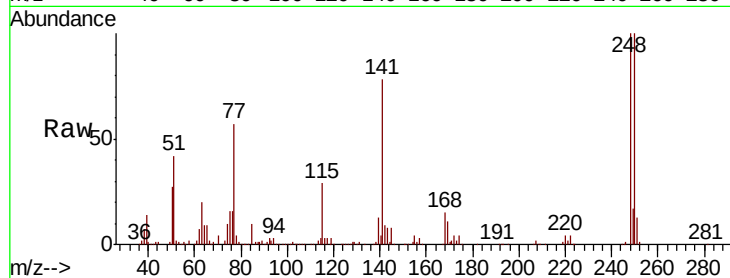




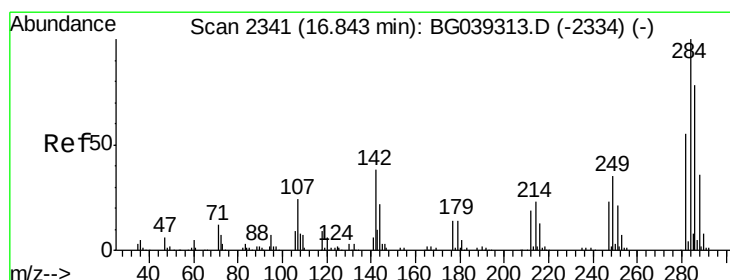
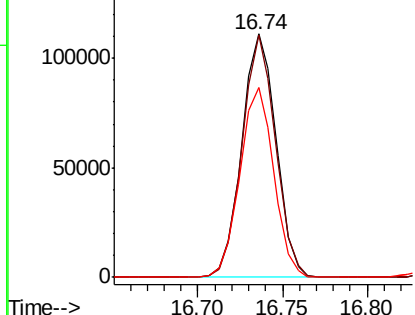
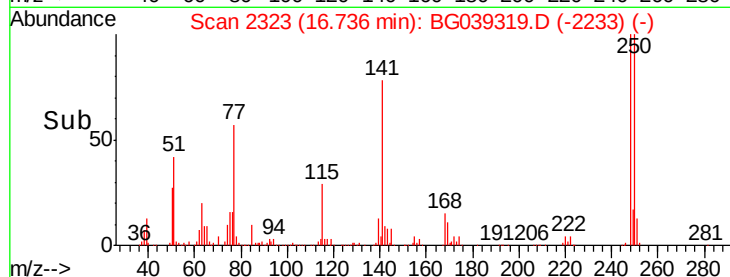
#67
 4-Bromophenyl-phenylether
 Concen: 47.703 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Instrument :
 BNA_G
 ClientSampled :
 PB116679BSD

Tgt Ion:248 Resp: 156693
 Ion Ratio Lower Upper
 248 100
 250 99.7 77.6 116.4
 141 78.1 63.9 95.9

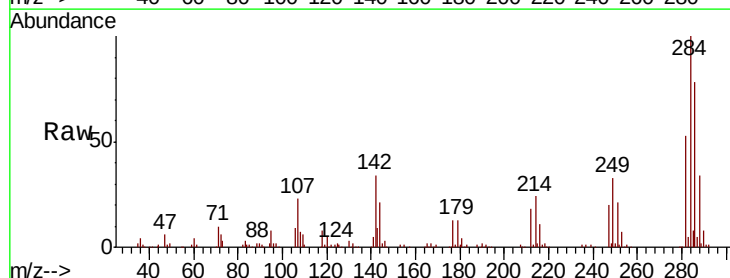


Abundance Ion 248.00 (247.70 to 248.70): E
 150000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

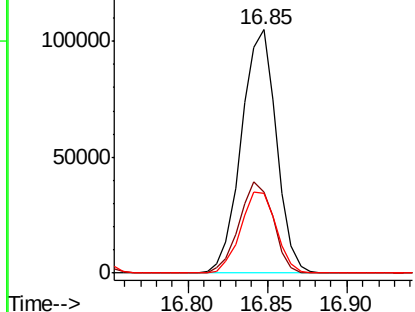
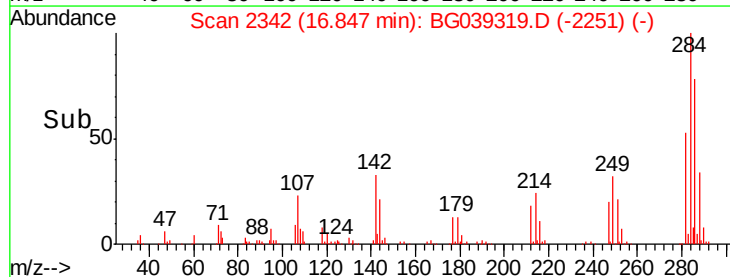


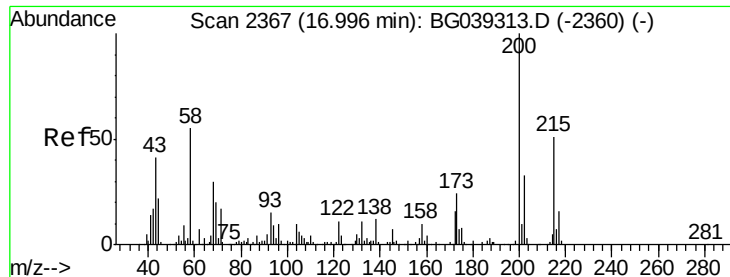
#68
 Hexachlorobenzene
 Concen: 48.700 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion:284 Resp: 160494
 Ion Ratio Lower Upper
 284 100
 142 33.6 30.6 45.8
 249 32.6 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
 100000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 51.998 ng

RT: 17.00 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

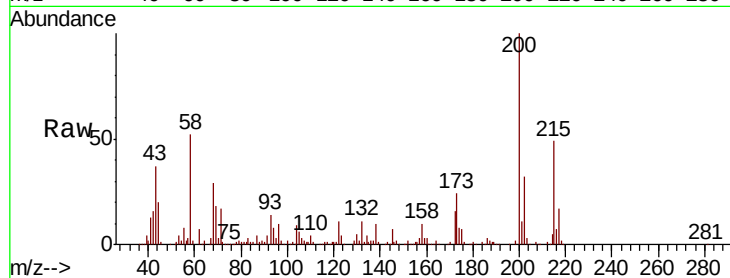
Tgt Ion:200 Resp: 171075

Ion Ratio Lower Upper

200 100

173 23.6 3.9 43.9

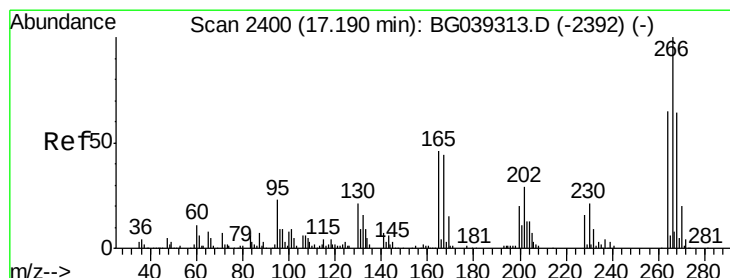
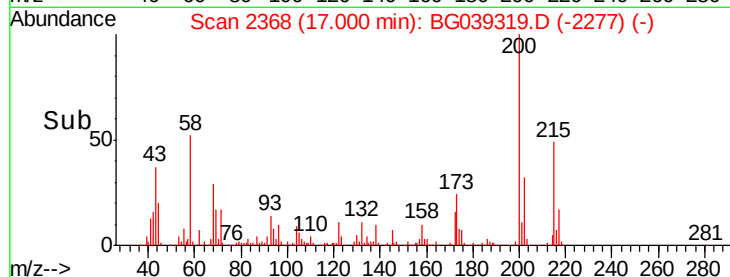
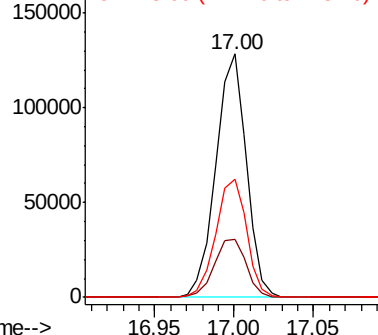
215 48.7 30.9 70.9



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: 94.456 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

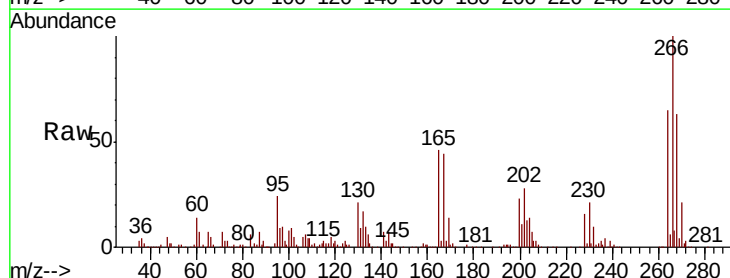
Tgt Ion:266 Resp: 216349

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

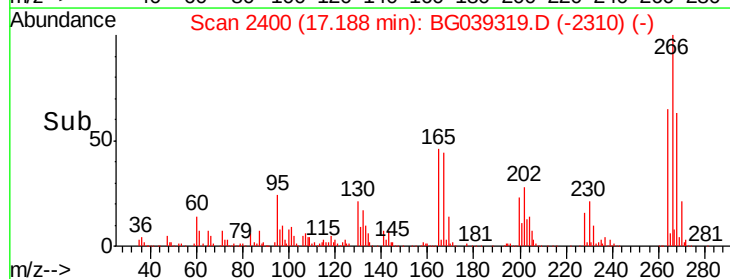
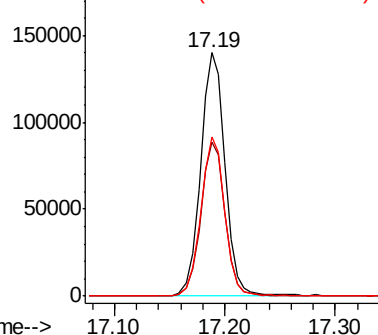
264 65.2 52.1 78.1

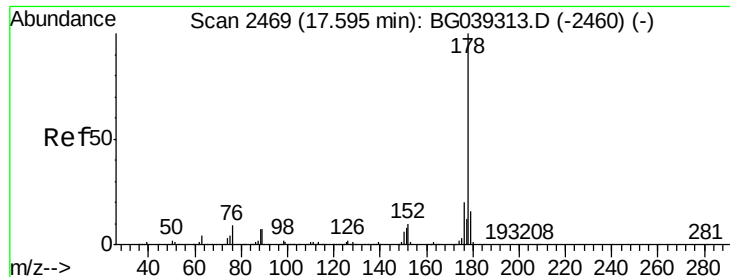


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

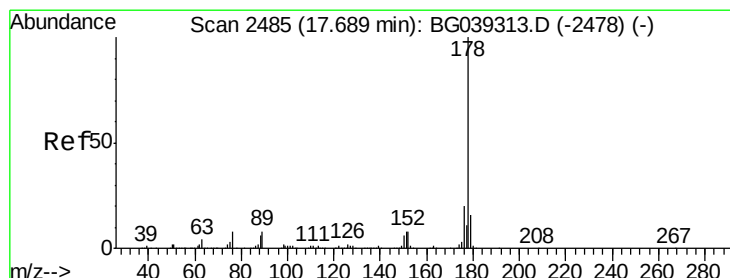
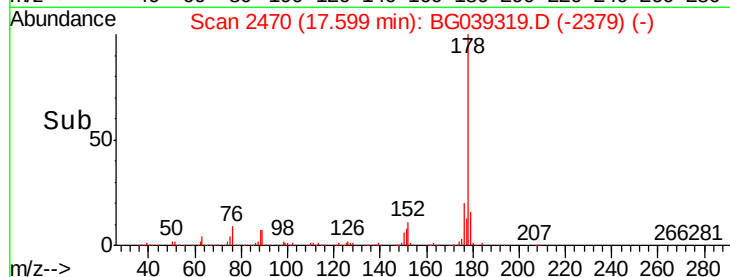
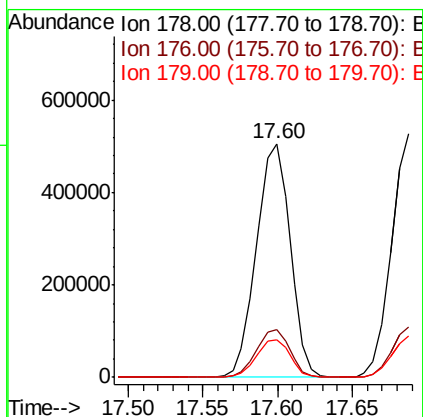
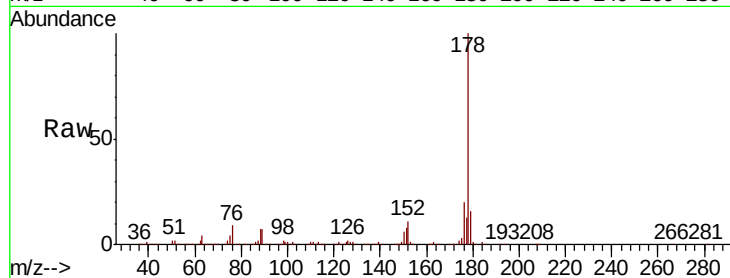




#71
 Phenanthrene
 Concen: 51.596 ng
 RT: 17.60 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

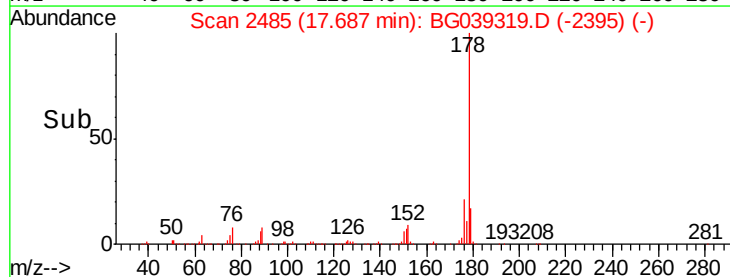
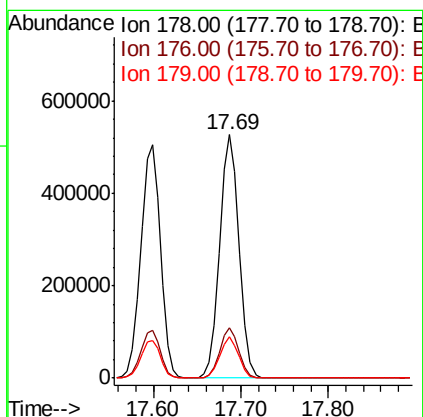
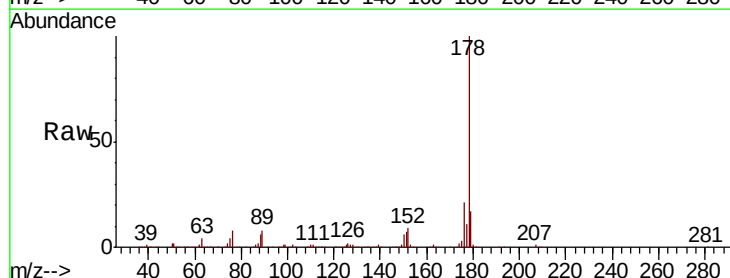
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

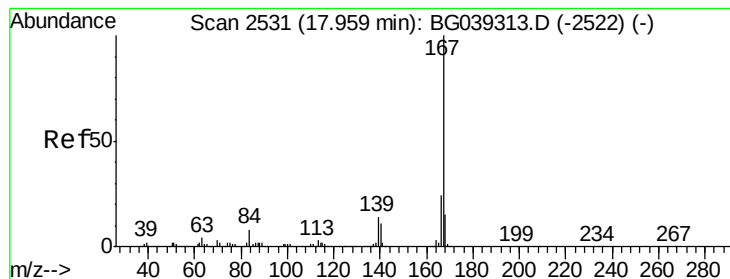
Tgt Ion:178 Resp: 790676
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 16.1 12.6 19.0



#72
 Anthracene
 Concen: 53.397 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion:178 Resp: 806009
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.8 23.6
 179 16.7 12.5 18.7





#73

Carbazole

Concen: 47.519 ng

RT: 17.96 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

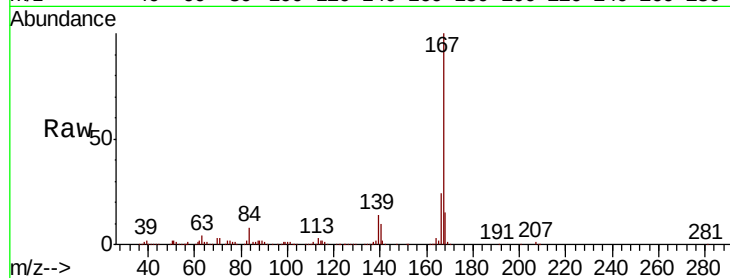
Tgt Ion:167 Resp: 715841

Ion Ratio Lower Upper

167 100

166 24.1 19.4 29.2

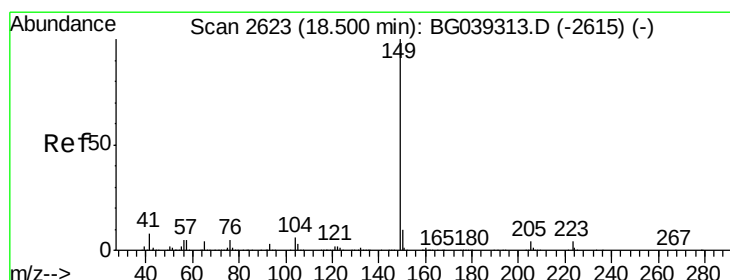
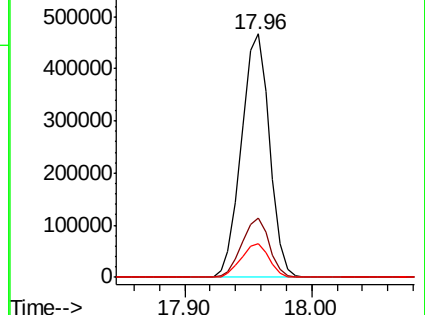
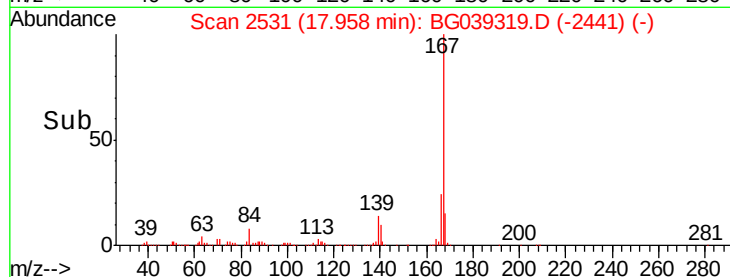
139 13.7 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.955 ng

RT: 18.50 min Scan# 2623

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

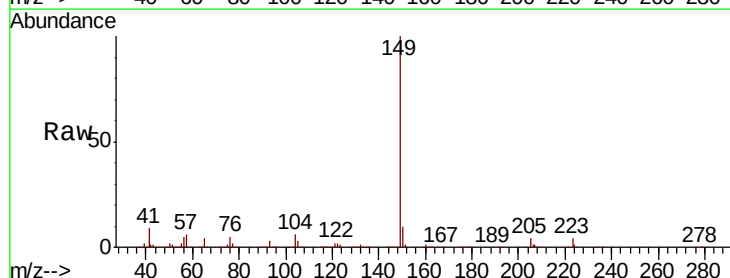
Tgt Ion:149 Resp: 877936

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

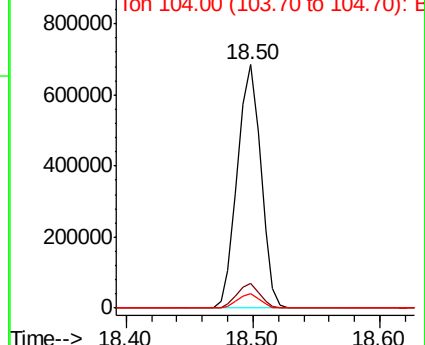
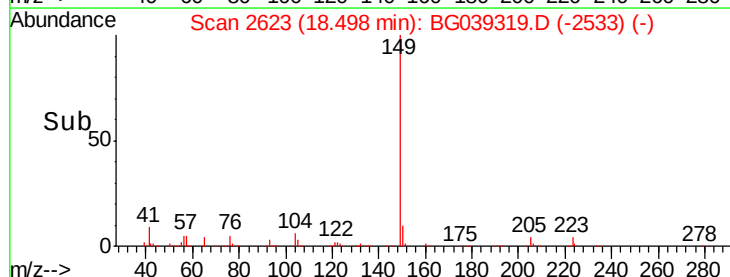
104 6.0 4.5 6.7

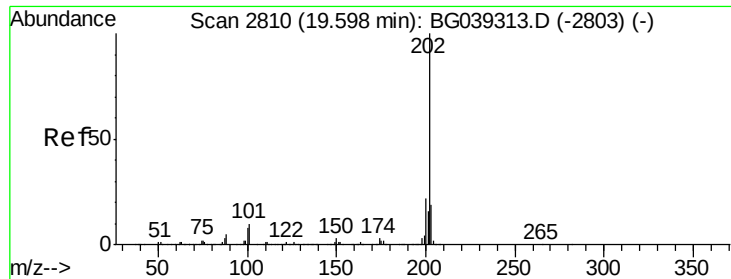


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 52.463 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

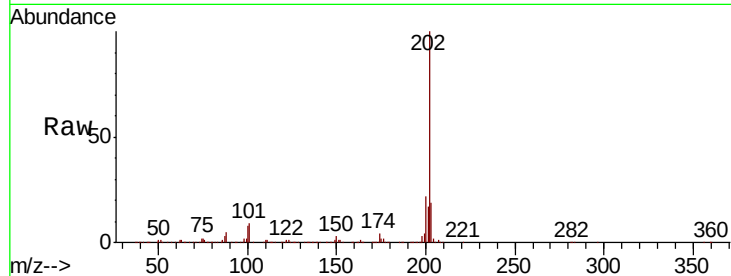
Tgt Ion:202 Resp: 933161

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

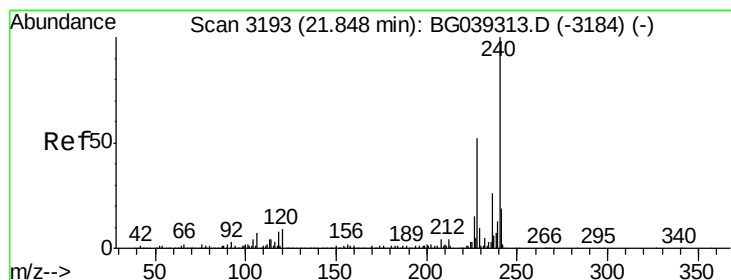
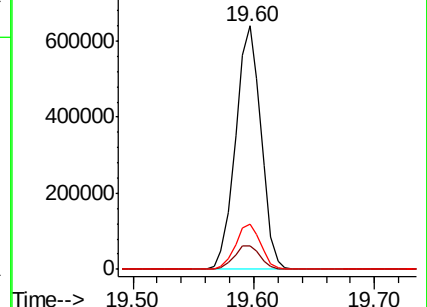
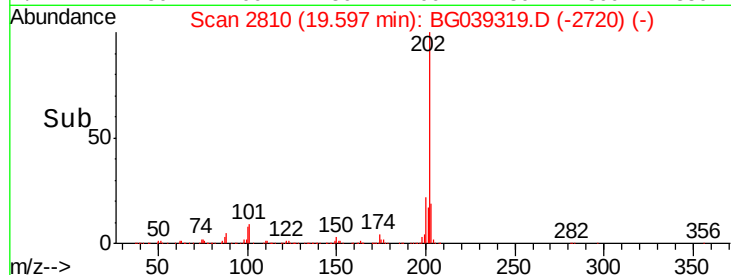
203 18.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.85 min Scan# 3194

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

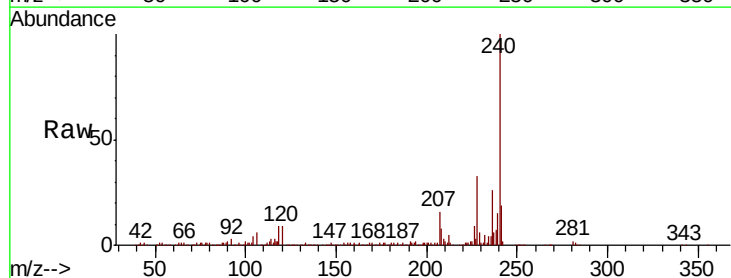
Tgt Ion:240 Resp: 291288

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

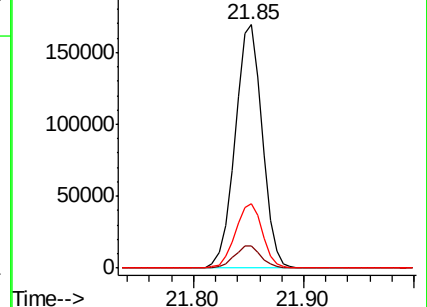
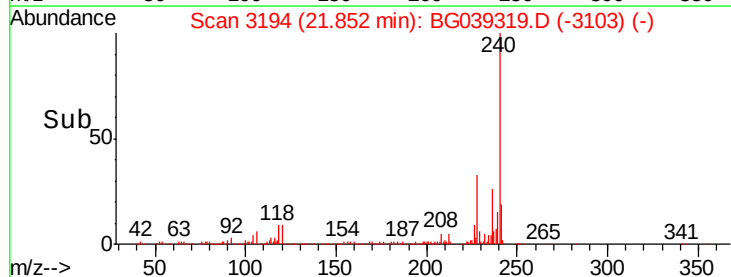
236 26.3 21.0 31.4

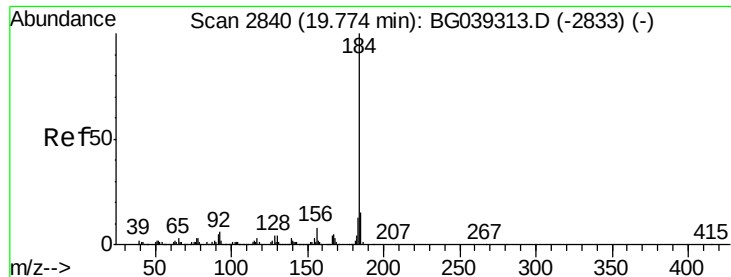


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.086 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

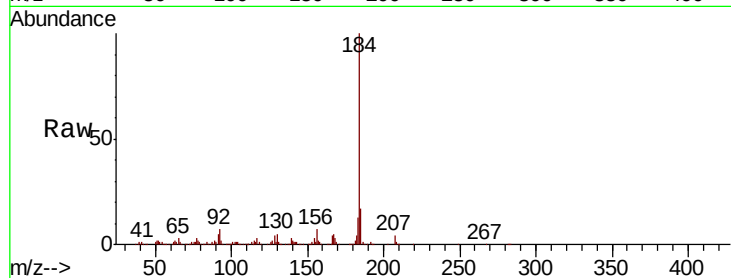
Tgt Ion:184 Resp: 373275

Ion Ratio Lower Upper

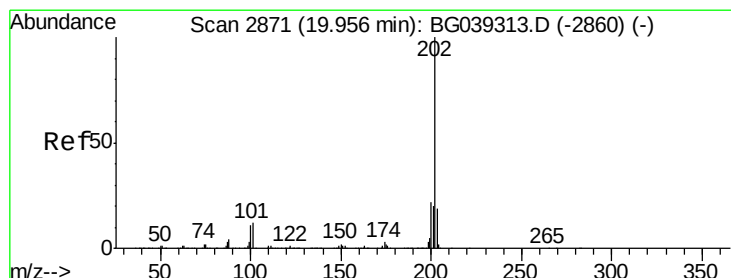
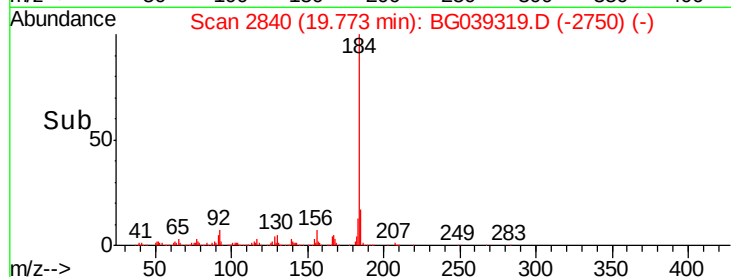
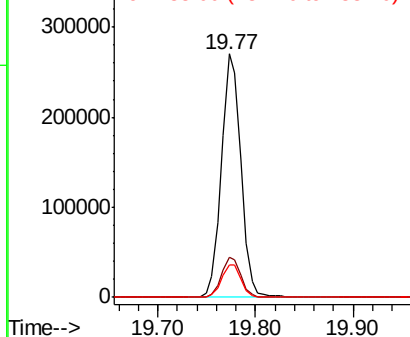
184 100

185 16.7 12.2 18.2

183 13.1 10.6 15.8



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



#78

Pyrene

Concen: 51.659 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

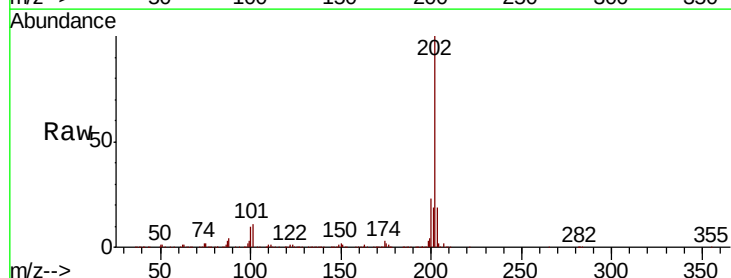
Tgt Ion:202 Resp: 936754

Ion Ratio Lower Upper

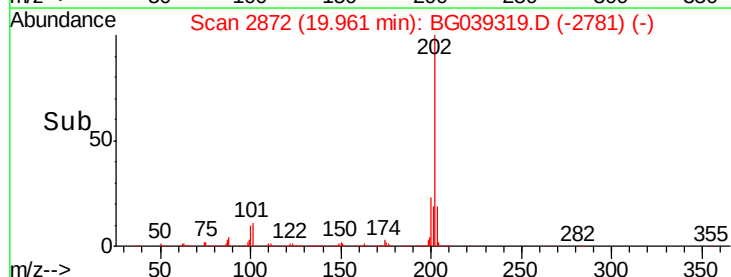
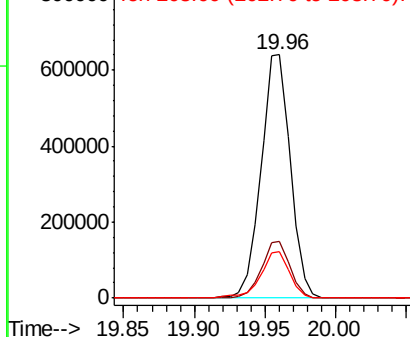
202 100

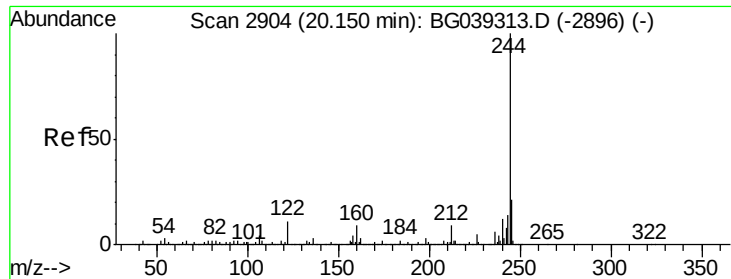
200 23.4 17.8 26.8

203 18.9 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.818 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

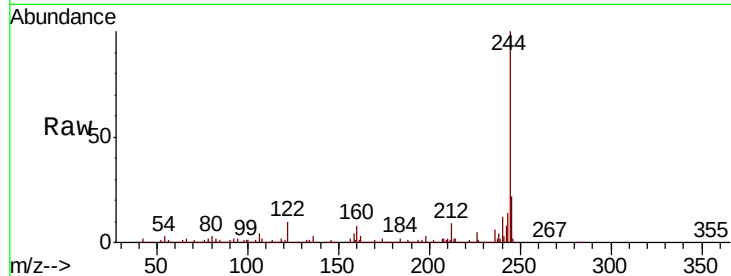
Tgt Ion:244 Resp: 1194743

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

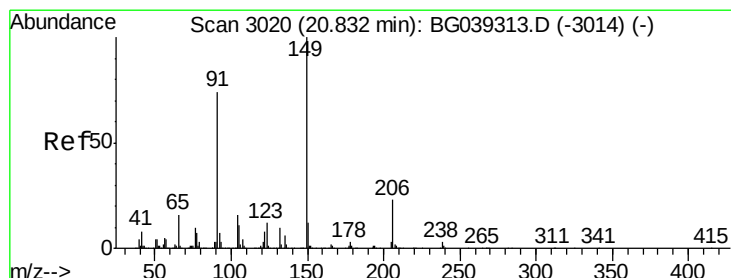
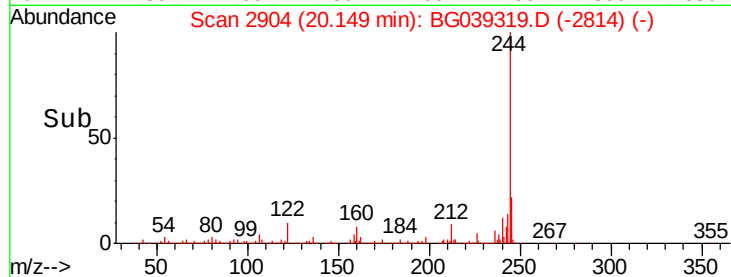
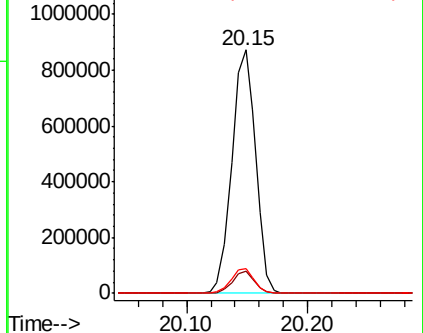
122 9.9 8.4 12.6



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: 51.583 ng

RT: 20.84 min Scan# 3021

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

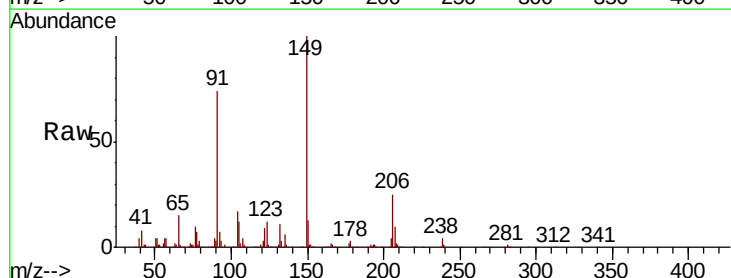
Tgt Ion:149 Resp: 394580

Ion Ratio Lower Upper

149 100

91 74.0 59.5 89.3

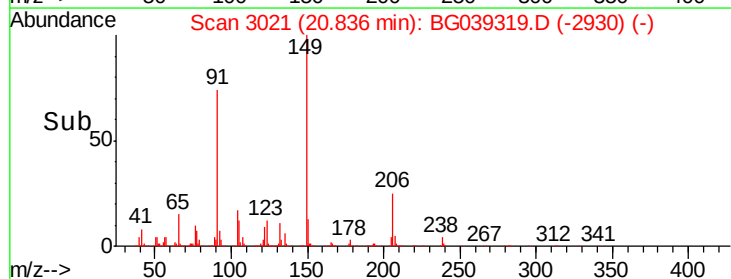
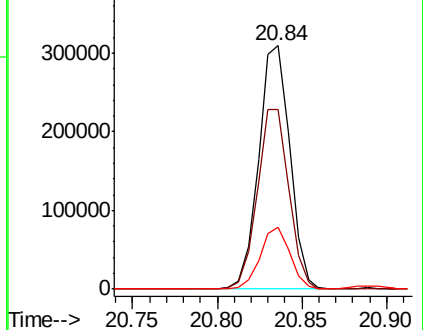
206 25.4 18.6 27.8

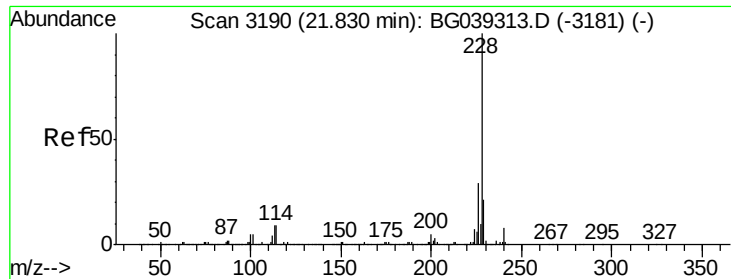


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.351 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

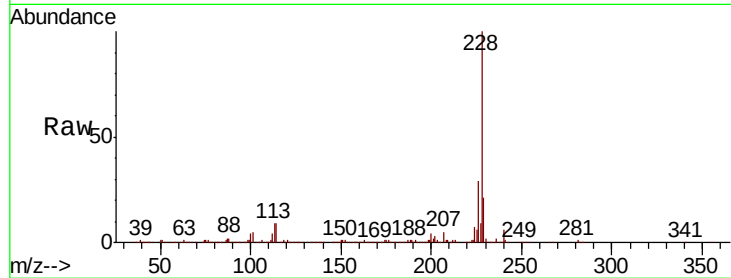
Tgt Ion:228 Resp: 918273

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.6

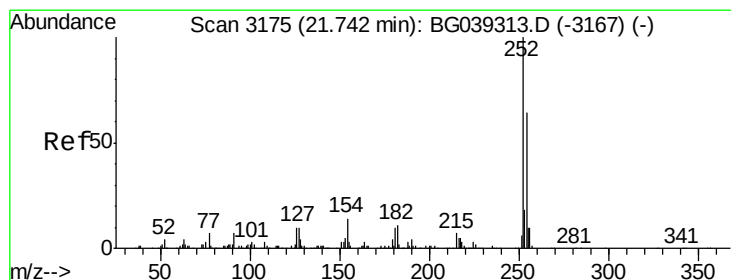
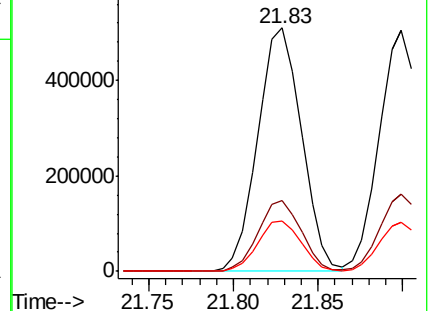
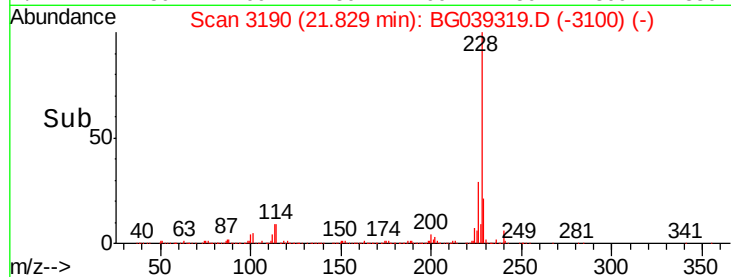
229 20.8 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.006 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

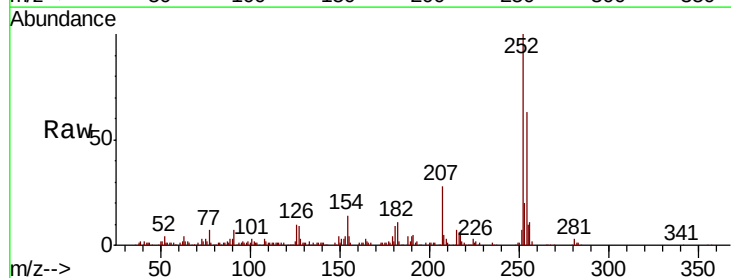
Tgt Ion:252 Resp: 159594

Ion Ratio Lower Upper

252 100

254 62.8 51.3 76.9

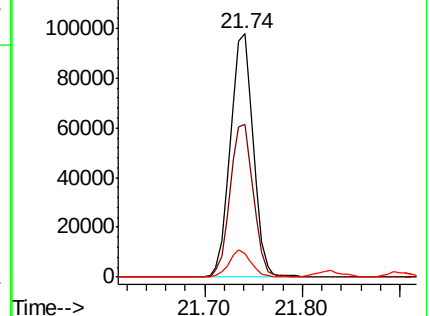
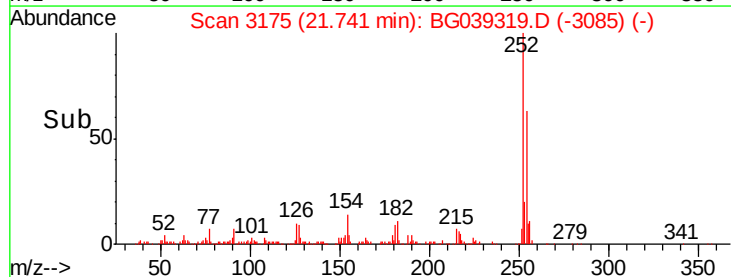
126 9.5 8.0 12.0

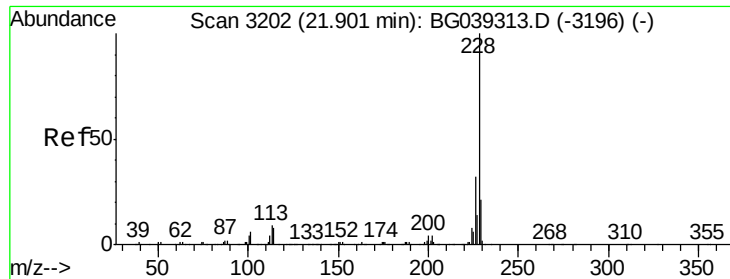


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 52.397 ng

RT: 21.90 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

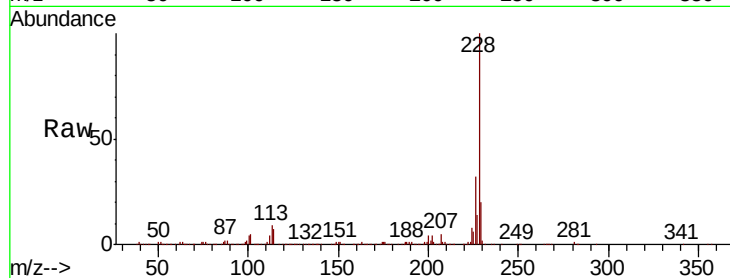
Tgt Ion:228 Resp: 858510

Ion Ratio Lower Upper

228 100

226 32.0 25.8 38.6

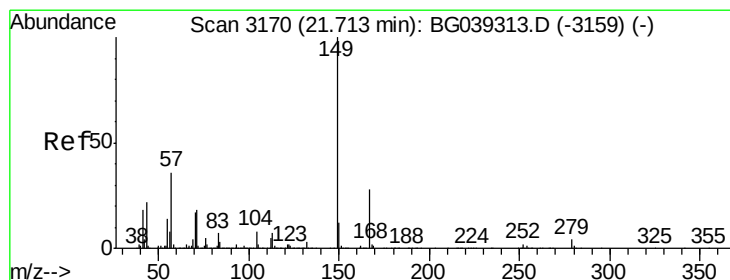
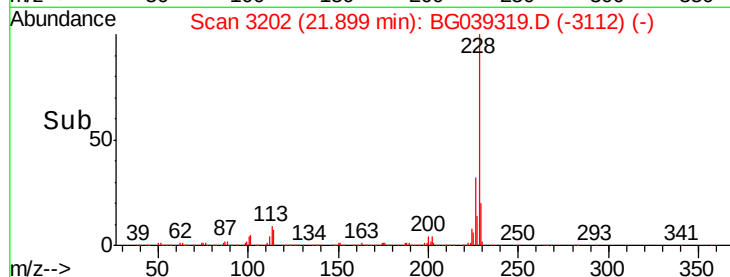
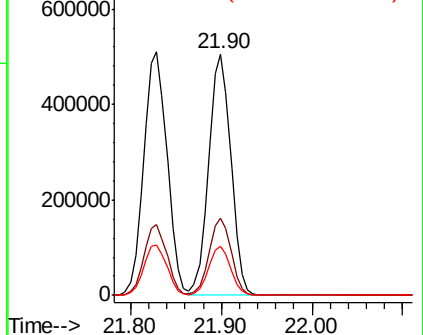
229 20.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.113 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

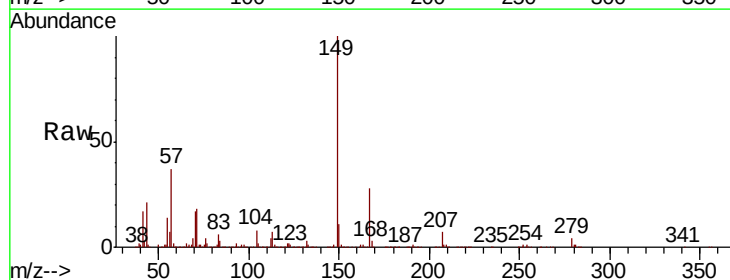
Tgt Ion:149 Resp: 557794

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

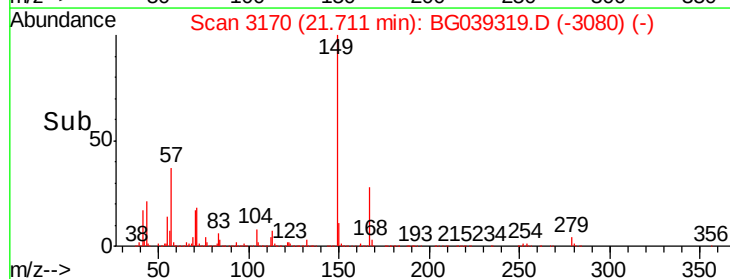
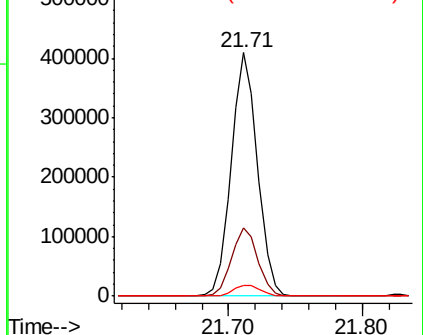
279 4.5 3.5 5.3

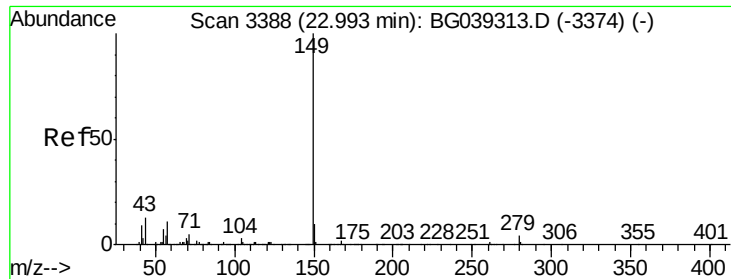


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

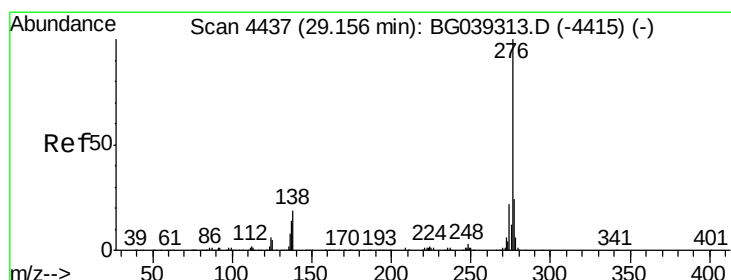
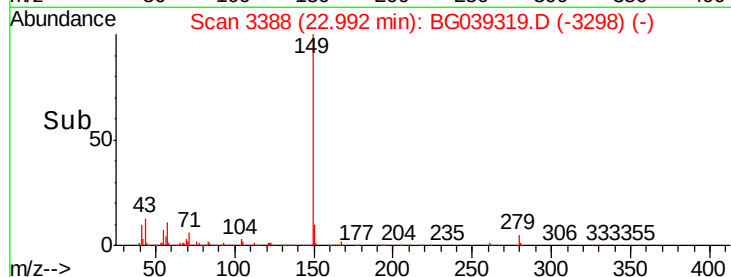
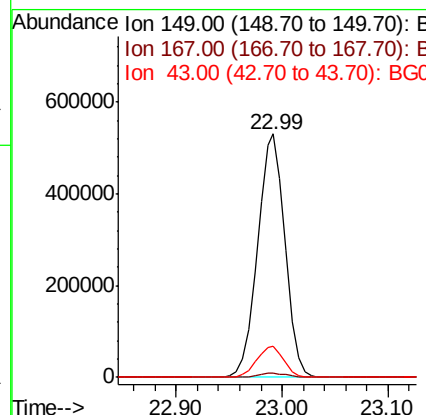
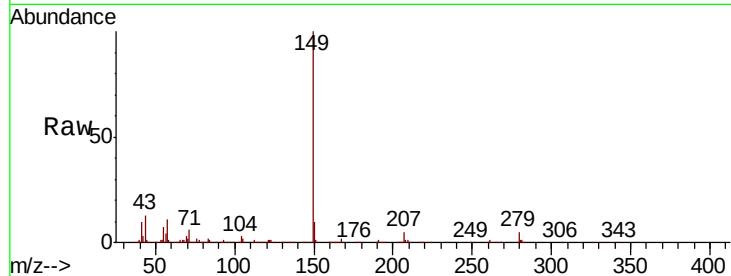




#85
 Di-n-octyl phthalate
 Concen: 52.890 ng
 RT: 22.99 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

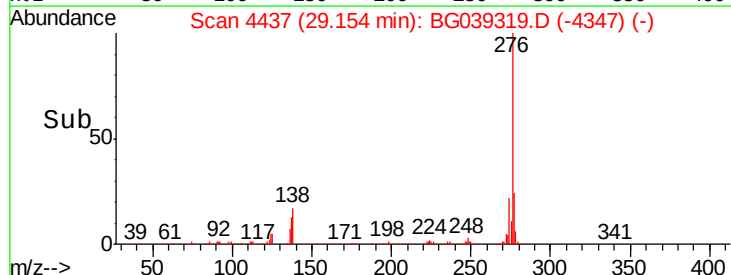
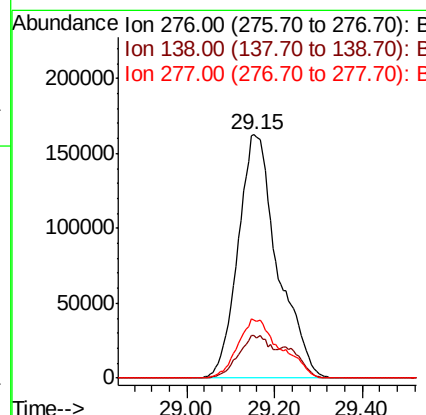
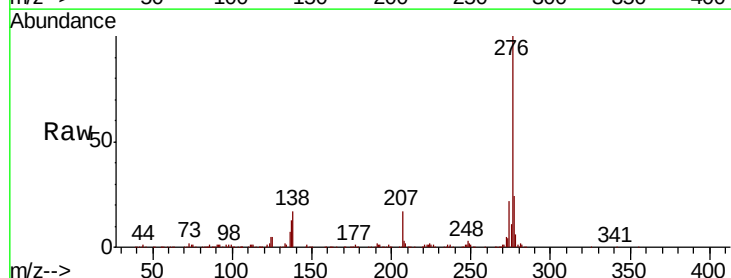
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BSD

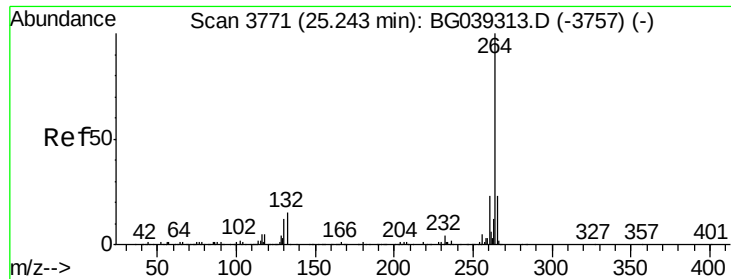
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.8	10.2	15.4



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 56.519 ng
 RT: 29.15 min Scan# 4437
 Delta R.T. -0.00 min
 Lab File: BG039319.D
 Acq: 29 Jan 2019 16:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	12.6	19.0
277	26.3	20.8	31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.24 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

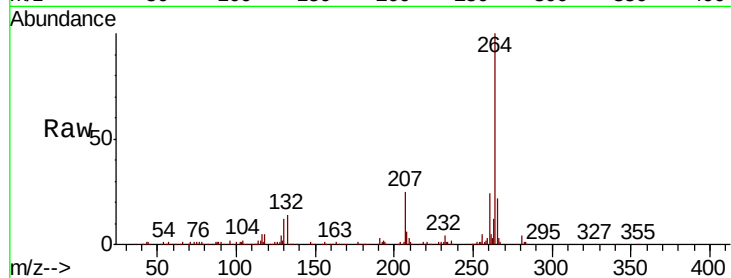
Tgt Ion:264 Resp: 301802

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

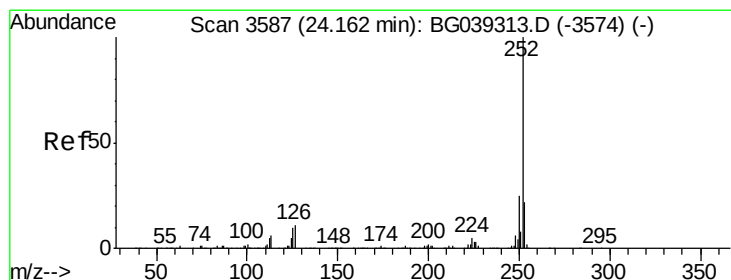
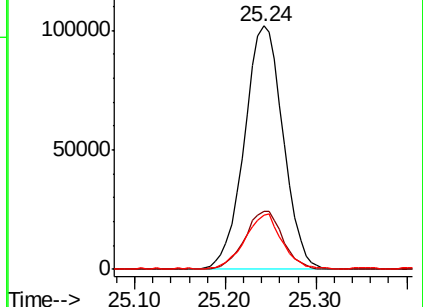
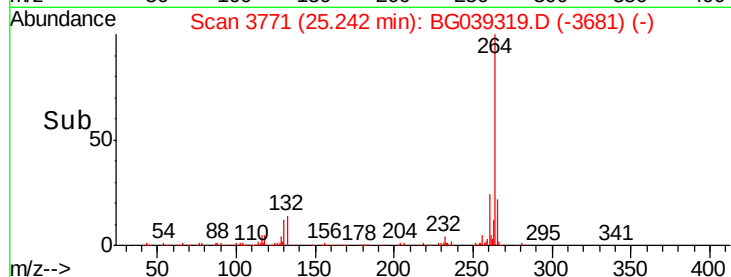
265 22.5 18.5 27.7



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: 54.834 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

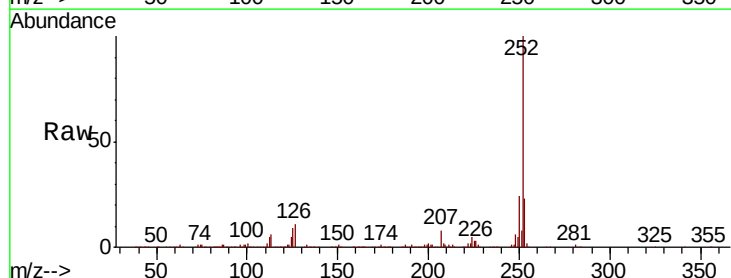
Tgt Ion:252 Resp: 902518

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

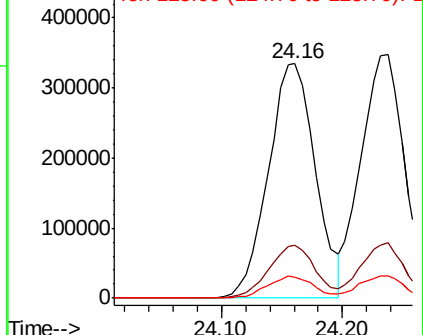
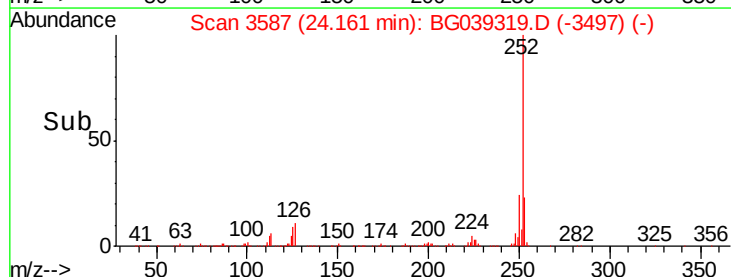
125 9.1 7.8 11.6

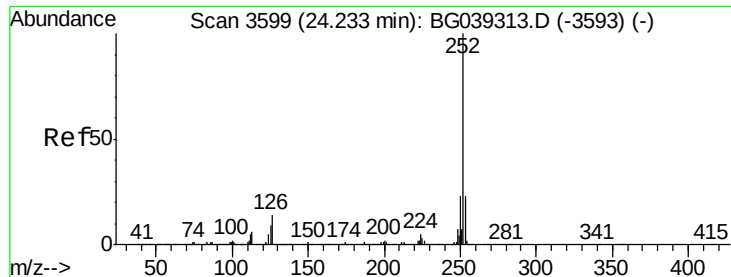


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

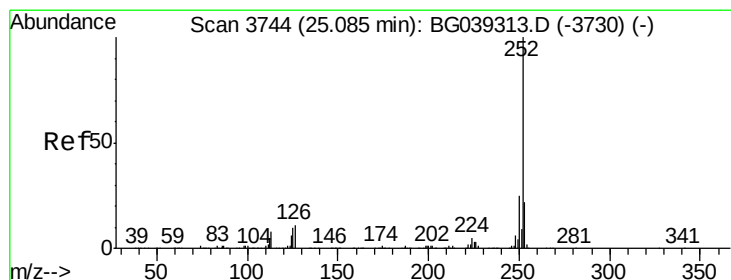
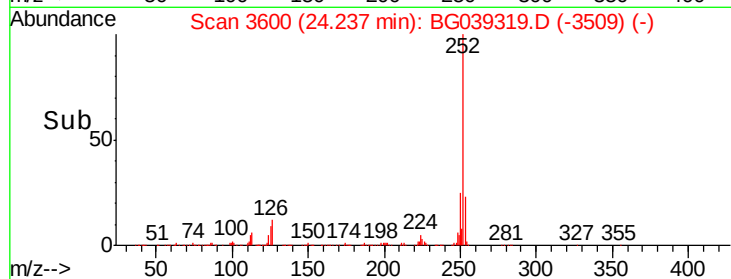
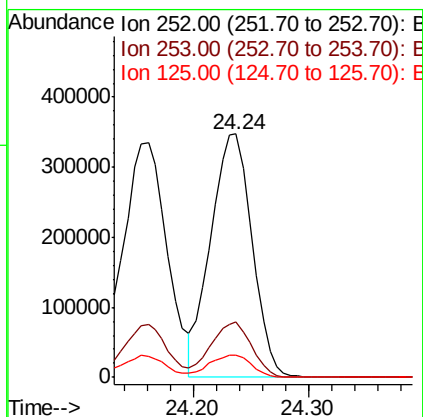
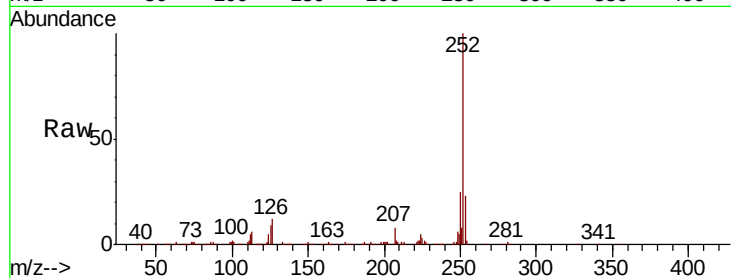




#89
Benzo(k)fluoranthene
Concen: 52.199 ng
RT: 24.24 min Scan# 3600
Delta R.T. 0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

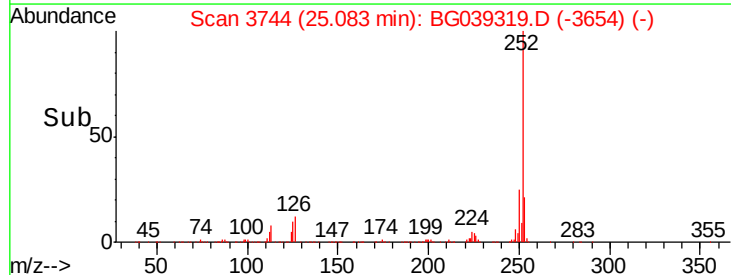
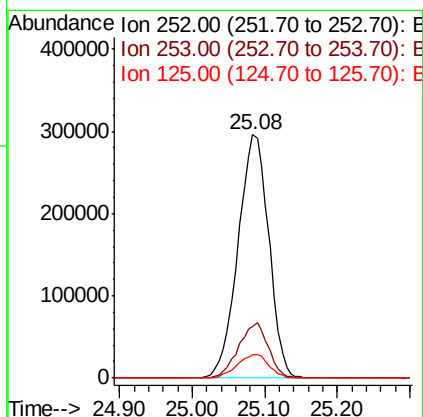
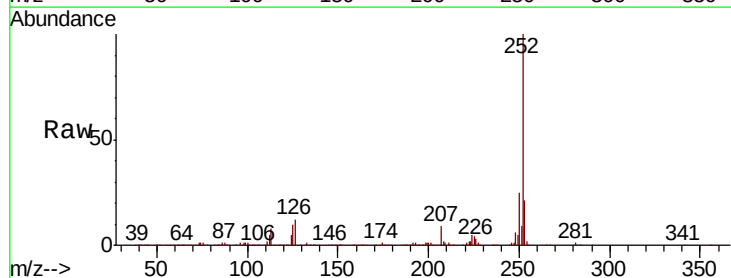
Instrument :
BNA_G
ClientSampleId :
PB116679BSD

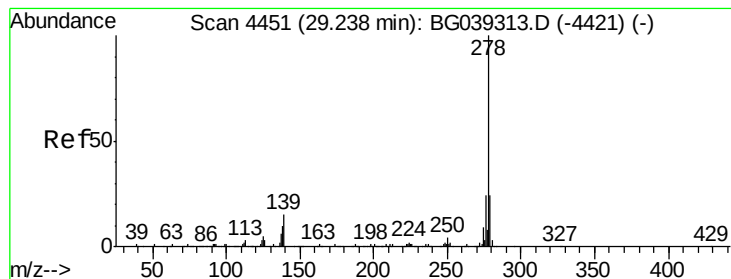
Tgt Ion: 252 Resp: 862561
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 8.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 55.019 ng
RT: 25.08 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BG039319.D
Acq: 29 Jan 2019 16:24

Tgt Ion: 252 Resp: 872116
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 9.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 54.107 ng

RT: 29.24 min Scan# 4451

Delta R.T. -0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

Instrument :

BNA_G

ClientSampleId :

PB116679BSD

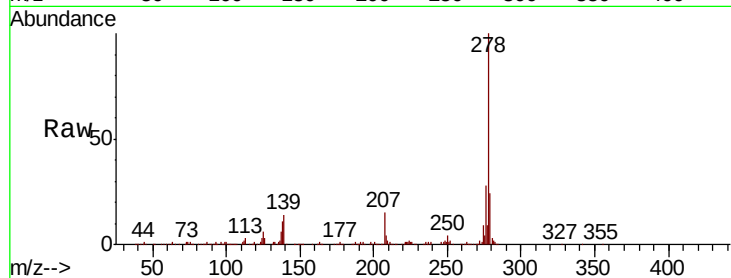
Tgt Ion:278 Resp: 803203

Ion Ratio Lower Upper

278 100

139 14.0 11.7 17.5

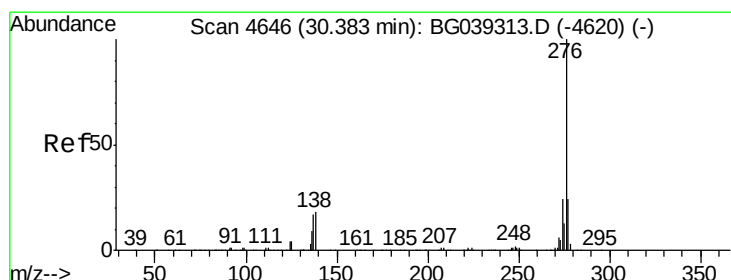
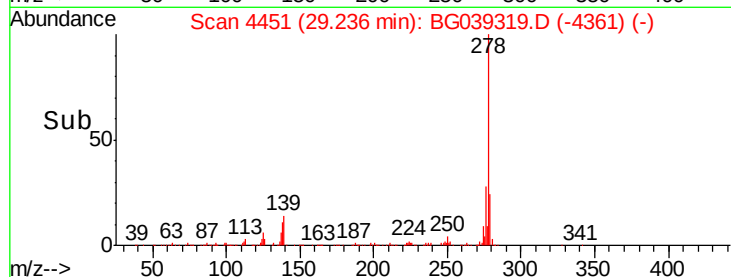
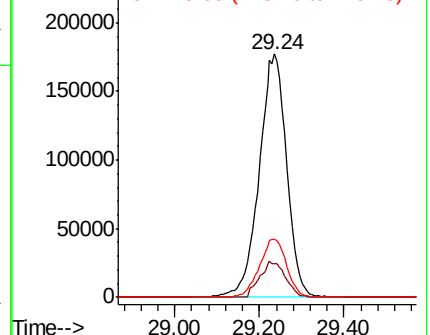
279 24.0 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.858 ng

RT: 30.39 min Scan# 4647

Delta R.T. 0.00 min

Lab File: BG039319.D

Acq: 29 Jan 2019 16:24

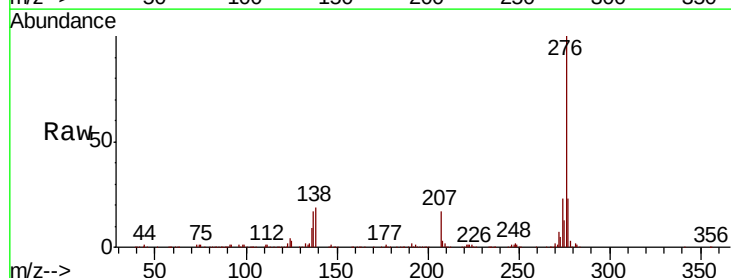
Tgt Ion:276 Resp: 826483

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 18.8 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

