

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039700.D
 Acq On : 1 Mar 2019 23:36
 Operator : JU/SJ
 Sample : K1665-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 200051MSD

Quant Time: Mar 02 03:14:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	56865	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	244047	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	164687	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	342306	20.00	ng	0.00
76) Chrysene-d12	21.82	240	341242	20.00	ng	0.00
87) Perylene-d12	25.20	264	346240	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	461666	138.95	ng	0.00
7) Phenol-d6	7.31	99	624247	127.64	ng	0.00
23) Nitrobenzene-d5	9.34	82	446827	114.38	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	253657	143.03	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1056260	92.01	ng	0.00
79) Terphenyl-d14	20.12	244	1377587	85.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	48375	33.285	ng	# 35
3) Pyridine	4.02	79	126985	33.001	ng	97
4) n-Nitrosodimethylamine	3.93	42	76522	39.765	ng	# 80
6) Aniline	7.49	93	95204	15.541	ng	98
8) 2-Chlorophenol	7.73	128	167407	46.095	ng	95
9) Benzaldehyde	7.31	77	137047	69.397	ng	99
10) Phenol	7.34	94	200885	39.404	ng	99
11) bis(2-Chloroethyl)ether	7.58	93	165925	41.188	ng	97
12) 1,3-Dichlorobenzene	8.05	146	178547	40.582	ng	98
13) 1,4-Dichlorobenzene	8.20	146	181183	41.317	ng	98
14) 1,2-Dichlorobenzene	8.52	146	169894	40.020	ng	98
15) Benzyl Alcohol	8.41	79	167801	43.703	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	319346	35.104	ng	99
17) 2-Methylphenol	8.60	107	151891	46.040	ng	97
18) Hexachloroethane	9.25	117	63476	42.073	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	142383	41.019	ng	91
20) 3+4-Methylphenols	8.93	107	202702	44.618	ng	98
22) Acetophenone	8.99	105	266293	40.621	ng	# 97
24) Nitrobenzene	9.39	77	207812	49.241	ng	94
25) Isophorone	9.90	82	407995	47.130	ng	98
26) 2-Nitrophenol	10.10	139	101243	57.516	ng	98
27) 2,4-Dimethylphenol	10.14	122	175518	50.121	ng	92
28) bis(2-Chloroethoxy)methane	10.38	93	241817	45.351	ng	98
29) 2,4-Dichlorophenol	10.63	162	191217	49.961	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	189719	44.152	ng	99
31) Naphthalene	11.04	128	573729	47.388	ng	99
32) Benzoic acid	10.26	122	76547	36.128	ng	98
33) 4-Chloroaniline	11.15	127	17036	3.035	ng	96
34) Hexachlorobutadiene	11.30	225	123229	43.123	ng	97
35) Caprolactam	11.94	113	50158	31.670	ng	# 87
36) 4-Chloro-3-methylphenol	12.25	107	201531	45.530	ng	97
37) 2-Methylnaphthalene	12.63	142	420427	46.885	ng	100
38) 1-Methylnaphthalene	12.85	142	403732	46.707	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	233093	44.485	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039700.D
 Acq On : 1 Mar 2019 23:36
 Operator : JU/SJ
 Sample : K1665-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 200051MSD

Quant Time: Mar 02 03:14:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	267561	93.707	ng	98
43) 2,4,6-Trichlorophenol	13.23	196	155842	48.372	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	165483	49.008	ng	96
46) 1,1'-Biphenyl	13.63	154	563784	41.145	ng	99
47) 2-Chloronaphthalene	13.67	162	438522	42.542	ng	98
48) 2-Nitroaniline	13.88	65	146128	49.116	ng	96
49) Acenaphthylene	14.52	152	690532	44.396	ng	99
50) Dimethylphthalate	14.24	163	566519	42.593	ng	99
51) 2,6-Dinitrotoluene	14.37	165	125100	50.007	ng	98
52) Acenaphthene	14.86	154	425050	42.099	ng	97
53) 3-Nitroaniline	14.70	138	28399	15.103	ng	# 95
54) 2,4-Dinitrophenol	14.90	184	65548	65.484	ng	98
55) Dibenzofuran	15.18	168	681039	42.071	ng	98
56) 4-Nitrophenol	15.00	139	150180	63.719	ng	88
57) 2,4-Dinitrotoluene	15.15	165	170406	52.616	ng	# 88
58) Fluorene	15.84	166	529418	43.872	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	153470	48.542	ng	96
60) Diethylphthalate	15.59	149	558440	40.608	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	285139	41.730	ng	98
62) 4-Nitroaniline	15.87	138	116720	42.387	ng	96
63) Azobenzene	16.11	77	488743	36.361	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	71675	51.588	ng	97
66) n-Nitrosodiphenylamine	16.04	169	468731	45.034	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	178516	47.009	ng	99
68) Hexachlorobenzene	16.83	284	177312	46.538	ng	95
69) Atrazine	16.97	200	156351	41.106	ng	96
70) Pentachlorophenol	17.18	266	191057	72.150	ng	98
71) Phenanthrene	17.58	178	810505	45.748	ng	99
72) Anthracene	17.67	178	798936	45.782	ng	99
73) Carbazole	17.94	167	698540	40.109	ng	99
74) Di-n-butylphthalate	18.47	149	822749	40.494	ng	99
75) Fluoranthene	19.58	202	920792	44.778	ng	99
77) Benzidine	19.75	184	70026	6.259	ng	95
78) Pyrene	19.94	202	933445	43.941	ng	99
80) Butylbenzylphthalate	20.81	149	400799	44.726	ng	92
81) Benzo(a)anthracene	21.80	228	926380	45.943	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	115852	15.495	ng	99
83) Chrysene	21.88	228	863864	45.005	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	561211	43.898	ng	99
85) Di-n-octyl phthalate	22.93	149	951425	45.046	ng	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	978542	47.515	ng	99
88) Benzo(b)fluoranthene	24.12	252	907144	48.042	ng	98
89) Benzo(k)fluoranthene	24.19	252	865988	45.680	ng	100
90) Benzo(a)pyrene	25.04	252	875790	48.160	ng	98
91) Dibenzo(a,h)anthracene	29.15	278	789693	46.370	ng	100
92) Benzo(g,h,i)perylene	30.31	276	791264	46.614	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

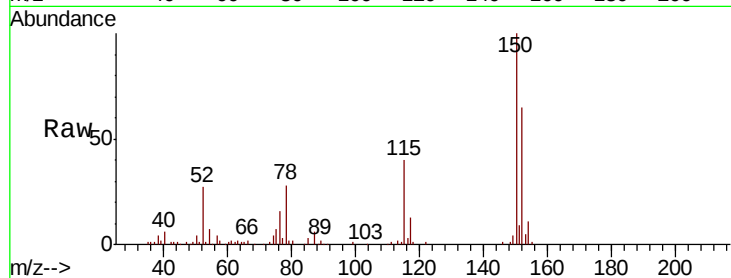
Tot Ion:152 Resp: 56865

Ion Ratio Lower Upper

152 100

150 154.9 123.7 185.5

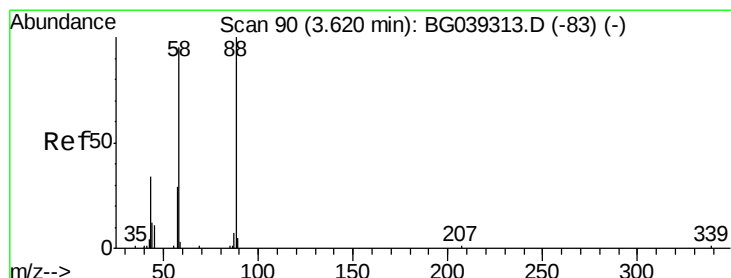
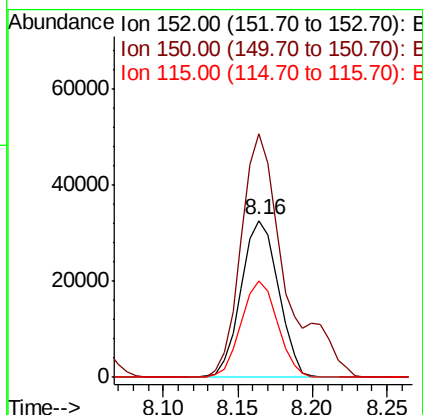
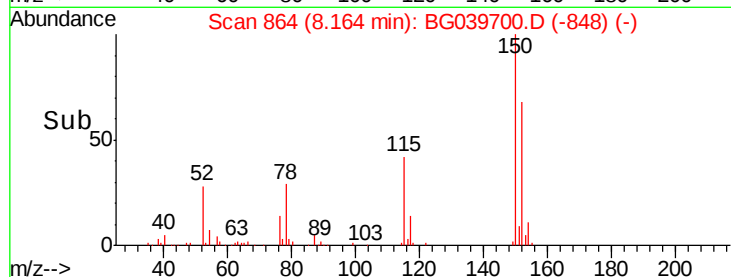
115 61.4 45.9 68.9



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: 33.285 ng

RT: 3.61 min Scan# 89

Delta R.T. 0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

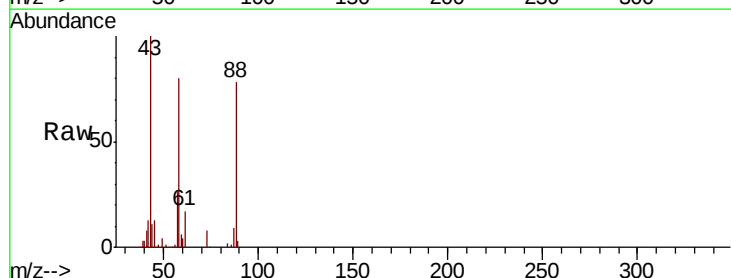
Tgt Ion: 88 Resp: 48375

Ion Ratio Lower Upper

88 100

58 100.5 81.1 121.7

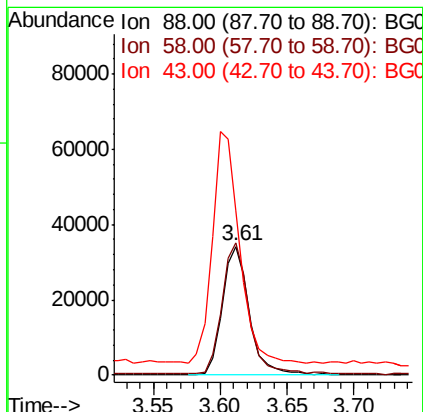
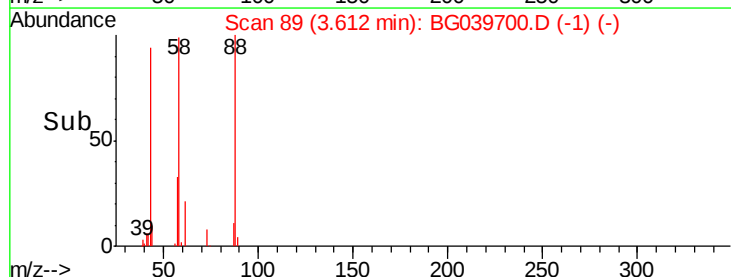
43 179.5 31.4 47.0#

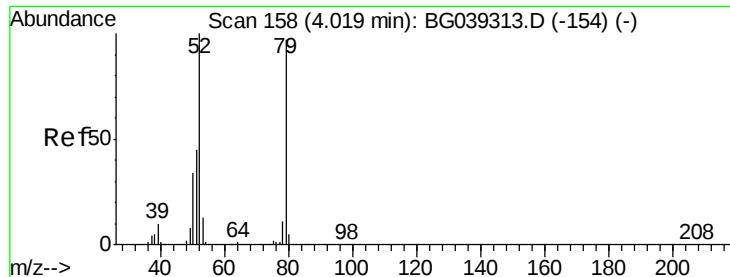


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.001 ng

RT: 4.02 min Scan# 158

Delta R.T. 0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

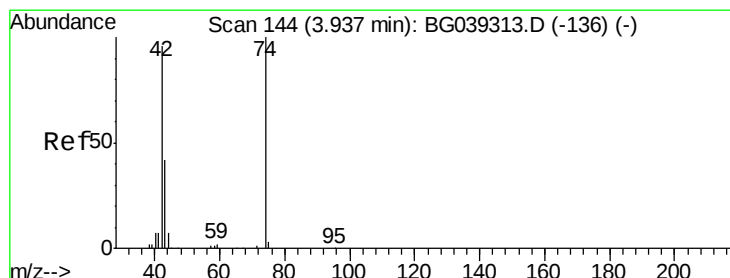
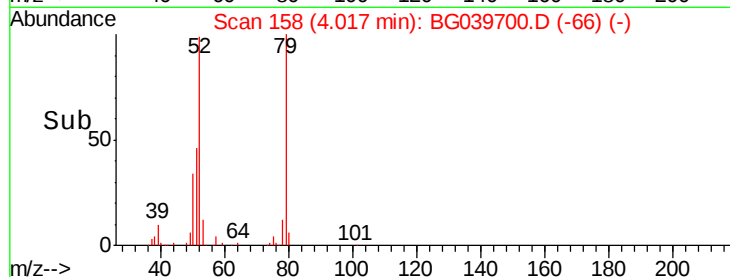
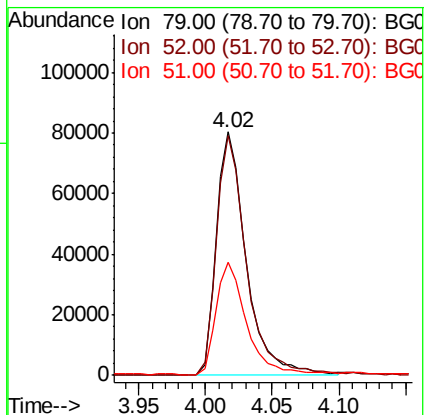
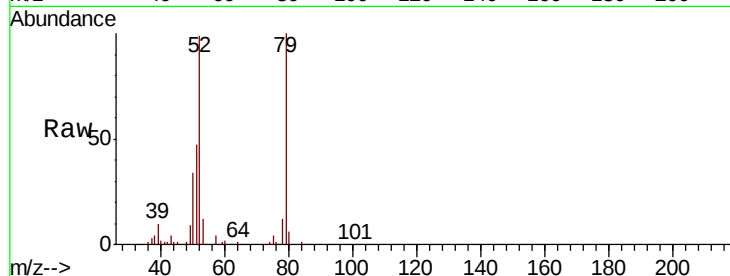
Tot Ion: 79 Resp: 126985

Ion Ratio Lower Upper

79 100

52 98.7 82.6 124.0

51 46.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.765 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

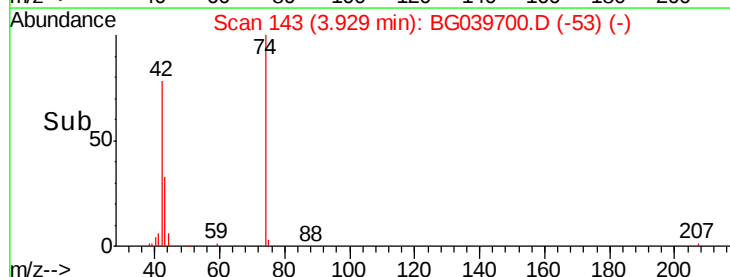
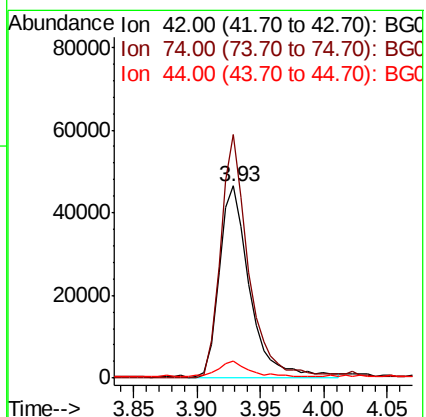
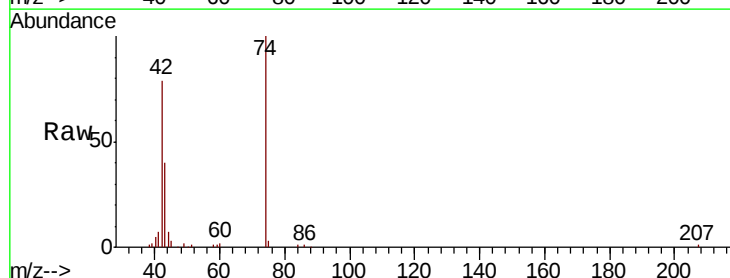
Tgt Ion: 42 Resp: 76522

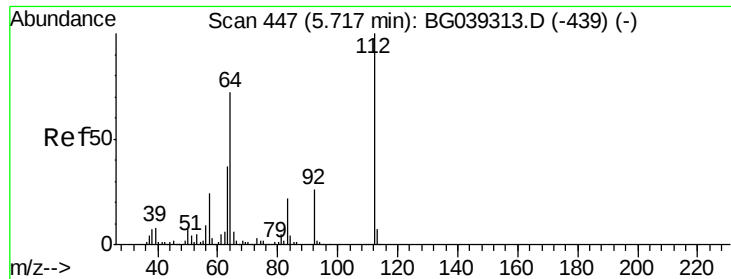
Ion Ratio Lower Upper

42 100

74 126.6 83.6 125.4#

44 8.8 6.9 10.3





#5

2-Fluorophenol

Concen: 138.951 ng

RT: 5.71 min Scan# 447

Delta R.T. 0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

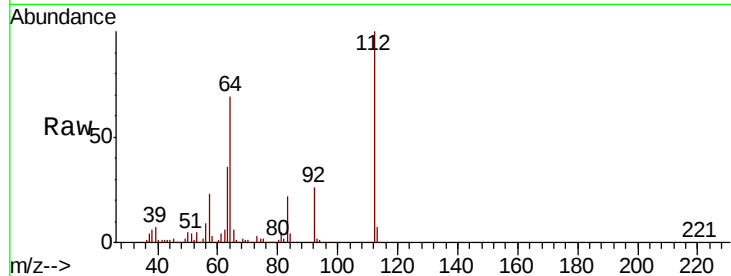
Tot Ion:112 Resp: 461666

Ion Ratio Lower Upper

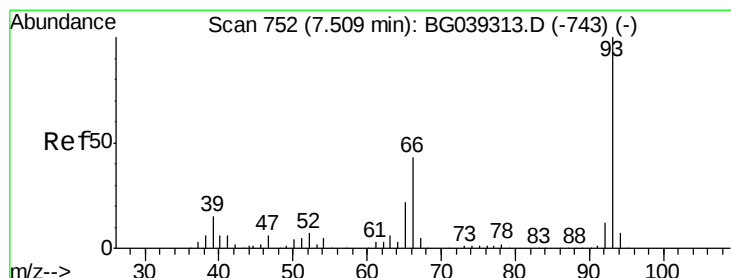
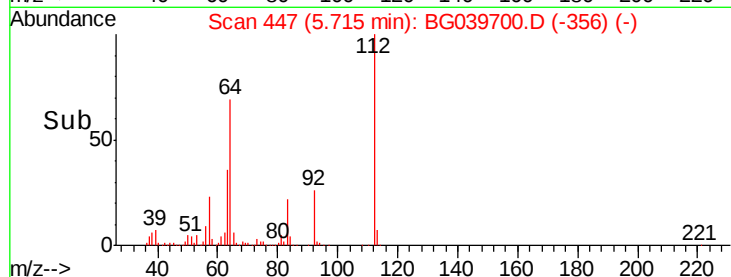
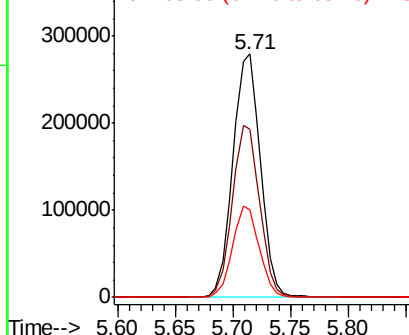
112 100

64 68.8 57.8 86.8

63 36.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.541 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

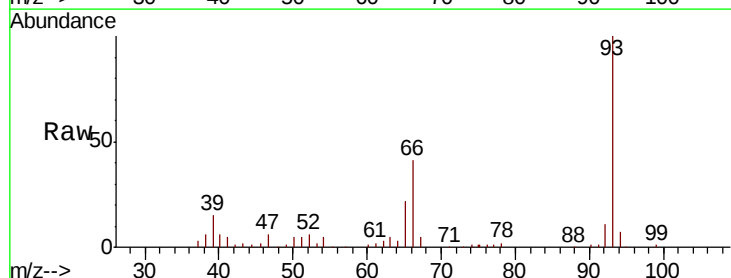
Tgt Ion: 93 Resp: 95204

Ion Ratio Lower Upper

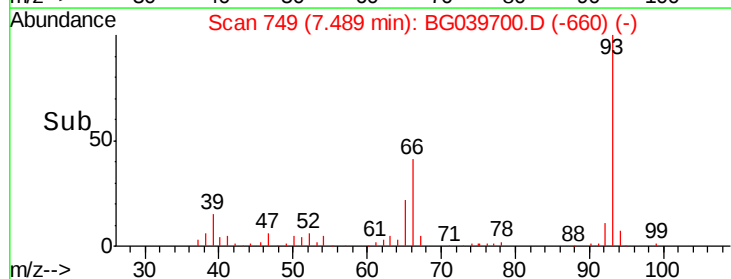
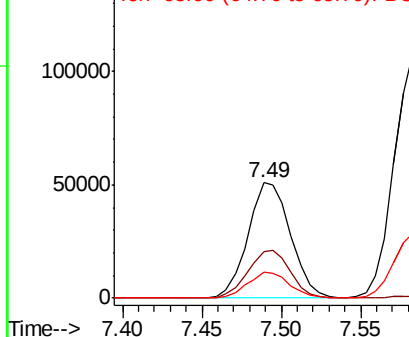
93 100

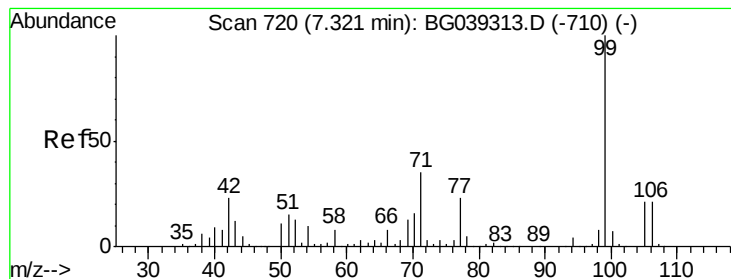
66 40.8 34.2 51.4

65 22.1 17.7 26.5



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





#7

Phenol-d6

Concen: 127.641 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

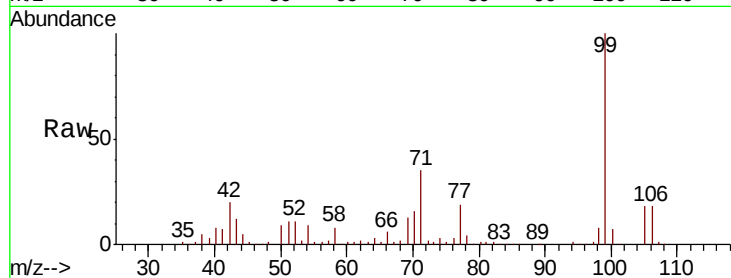
Tot Ion: 99 Resp: 624247

Ion Ratio Lower Upper

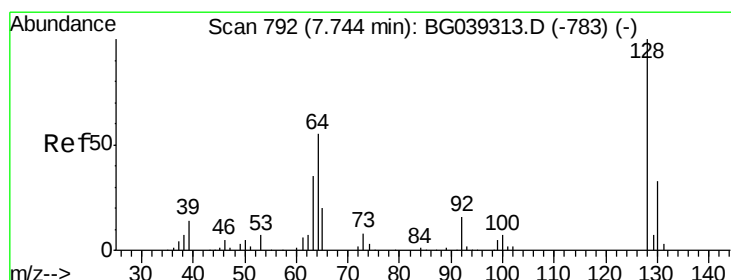
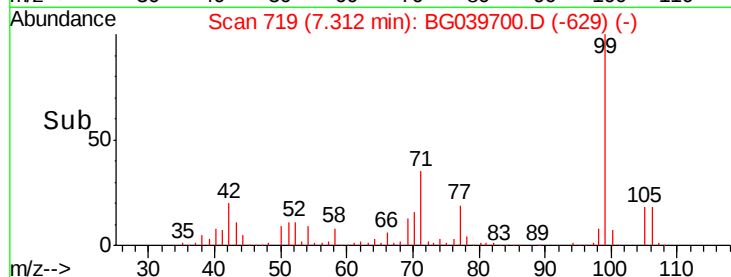
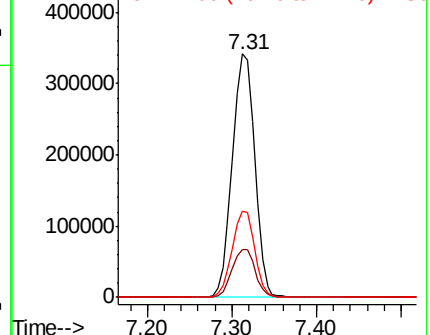
99 100

42 19.8 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: 46.095 ng

RT: 7.73 min Scan# 790

Delta R.T. 0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

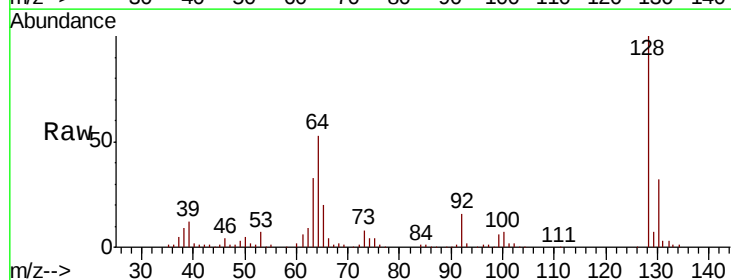
Tgt Ion: 128 Resp: 167407

Ion Ratio Lower Upper

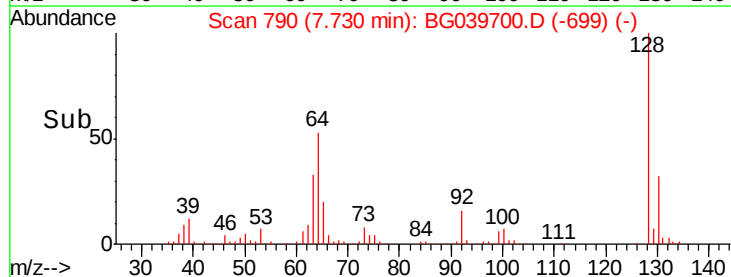
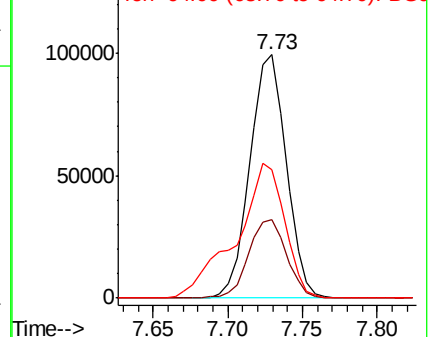
128 100

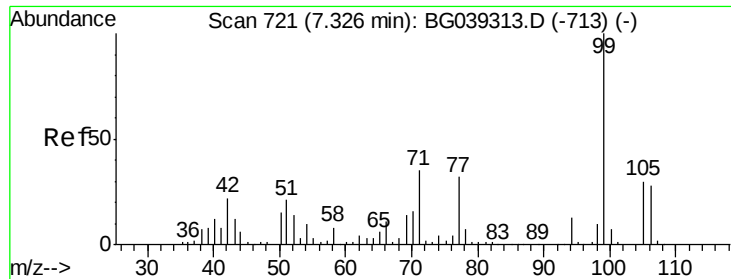
130 32.2 12.9 52.9

64 52.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 69.397 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

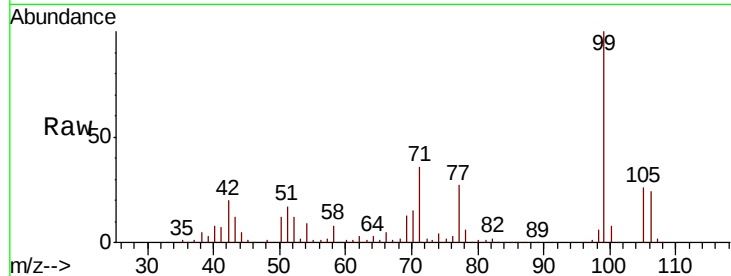
Tot Ion: 77 Resp: 137047

Ion Ratio Lower Upper

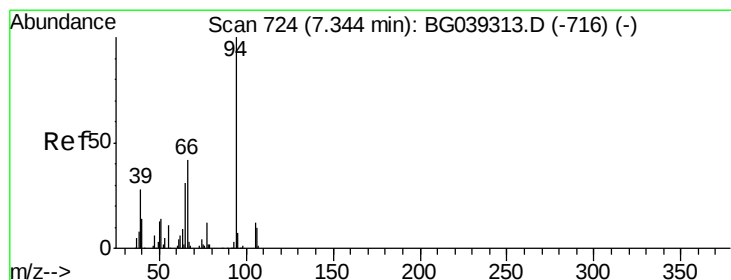
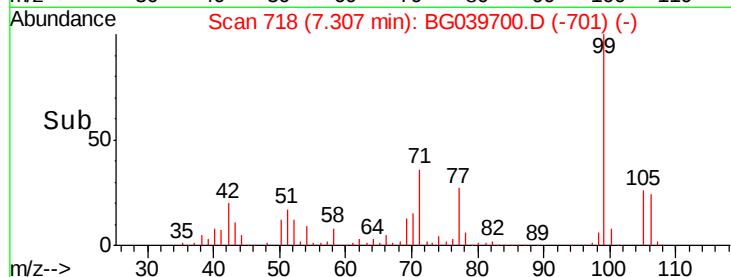
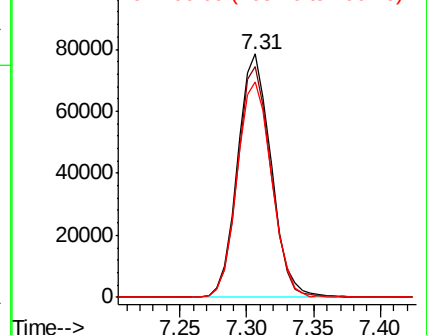
77 100

105 95.1 74.5 114.5

106 88.6 68.0 108.0



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



#10

Phenol

Concen: 39.404 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

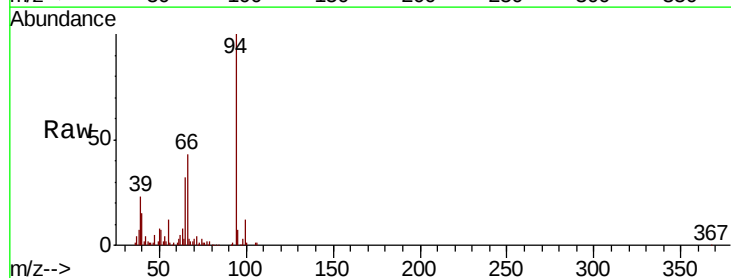
Tgt Ion: 94 Resp: 200885

Ion Ratio Lower Upper

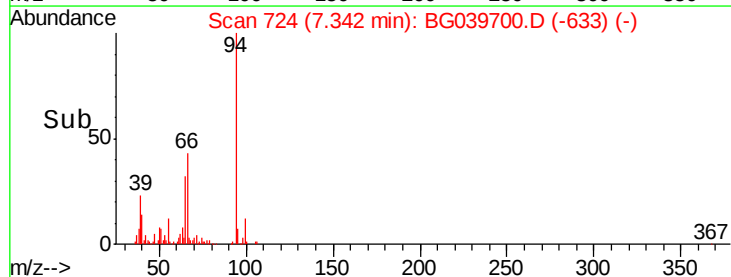
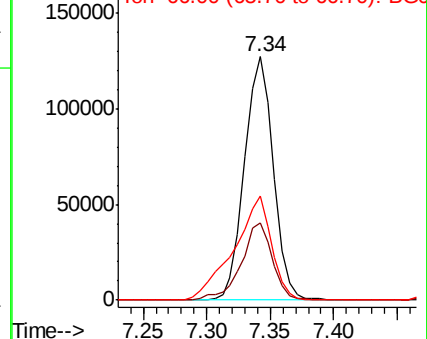
94 100

65 31.6 11.7 51.7

66 42.9 23.7 63.7



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

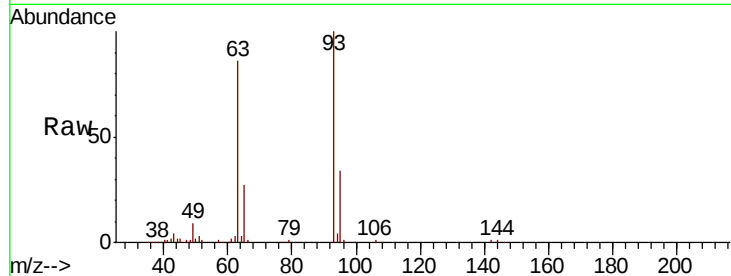




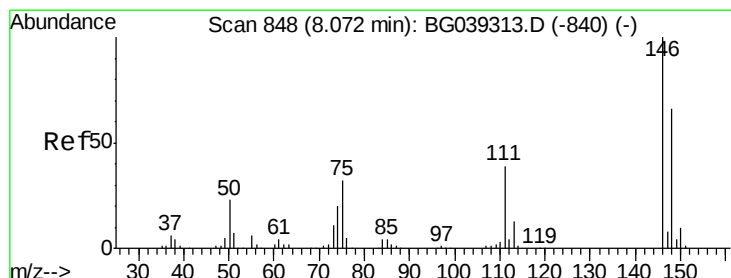
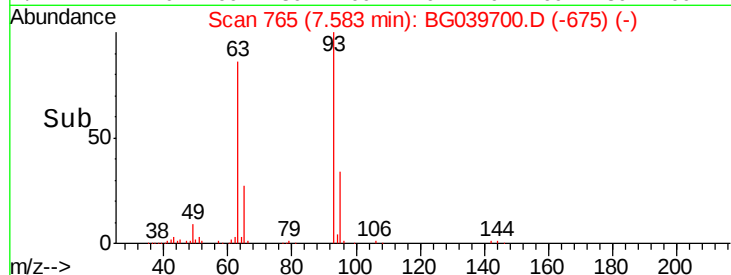
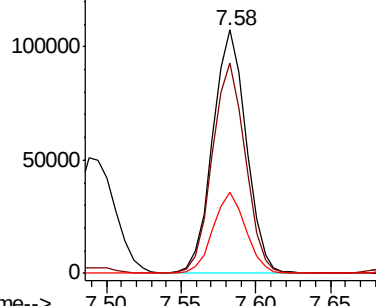
#11
 bis(2-Chloroethyl)ether
 Concen: 41.188 ng
 RT: 7.58 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Instrument :
 BNA_G
 ClientSampleId :
 200051MSD

Tot Ion: 93 Resp: 165925
 Ion Ratio Lower Upper
 93 100
 63 86.3 69.5 109.5
 95 33.5 12.7 52.7

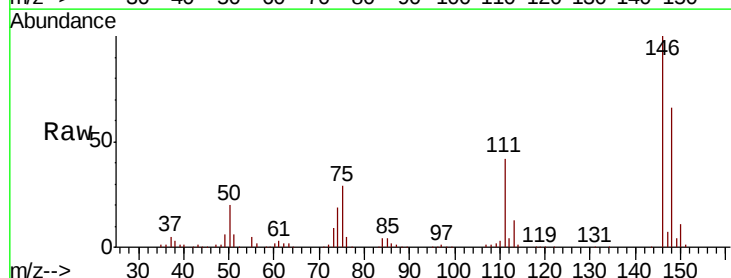


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

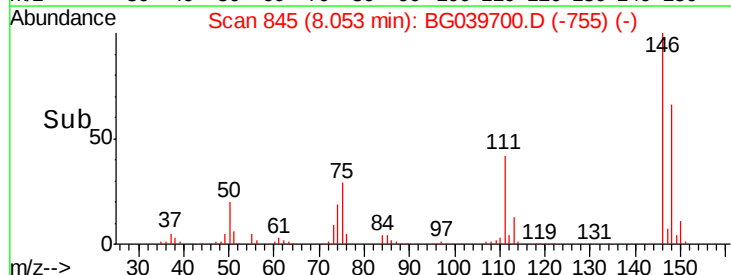
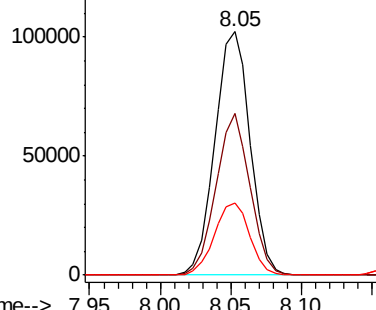


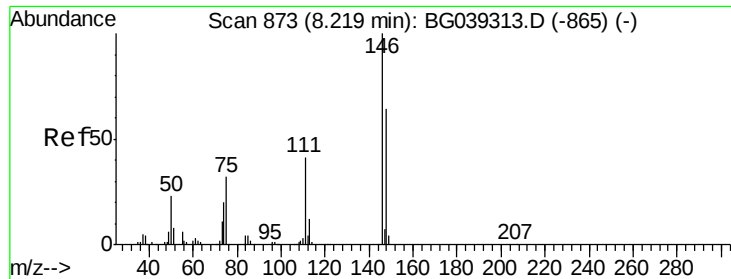
#12
 1,3-Dichlorobenzene
 Concen: 40.582 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Tgt Ion: 146 Resp: 178547
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.6 79.0
 75 29.4 25.8 38.6



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

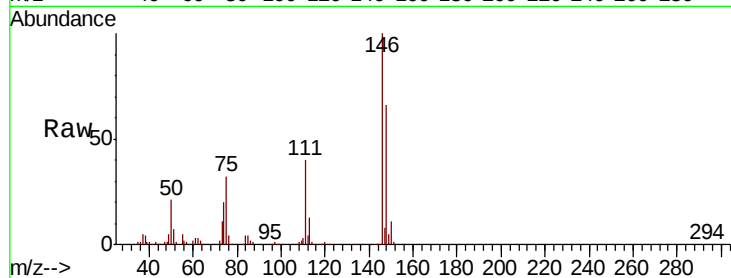




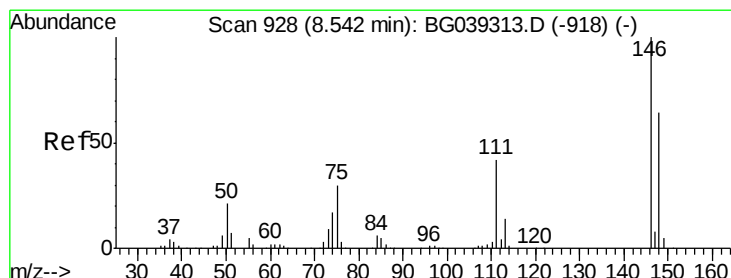
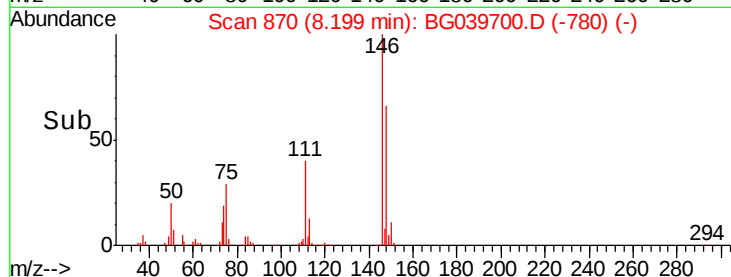
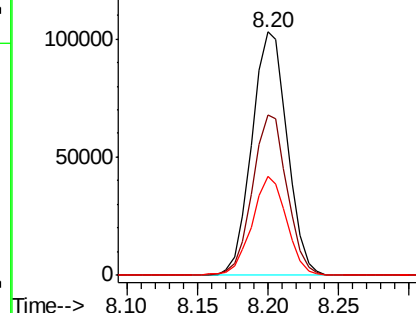
#13
 1,4-Dichlorobenzene
 Concen: 41.317 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Instrument :
 BNA_G
 ClientSampleId :
 200051MSD

Tot Ion:146 Resp: 181183
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.1 76.7
 111 40.4 32.6 48.8

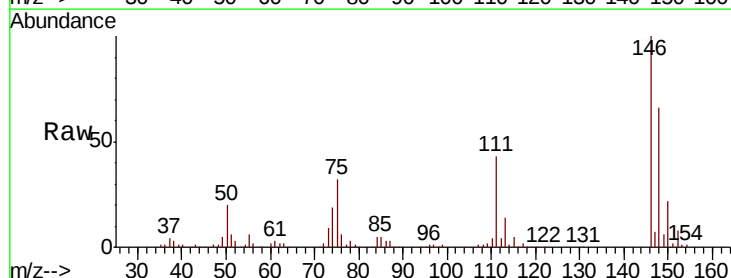


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

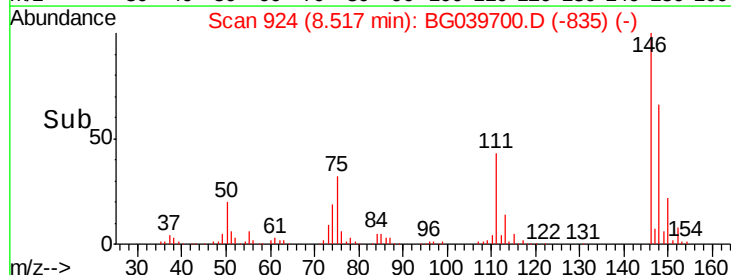
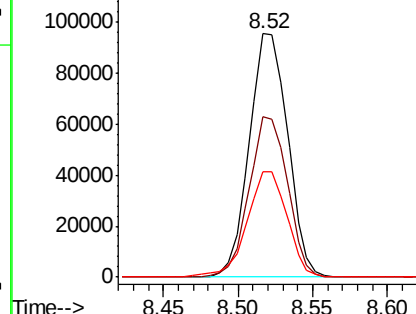


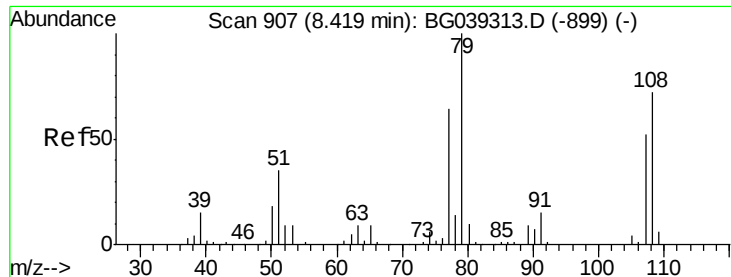
#14
 1,2-Dichlorobenzene
 Concen: 40.020 ng
 RT: 8.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Tgt Ion:146 Resp: 169894
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.5 77.3
 111 43.4 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: 43.703 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

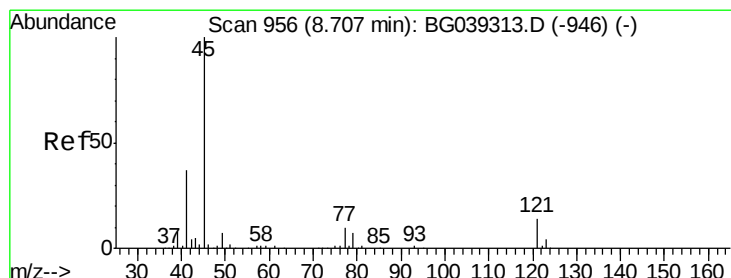
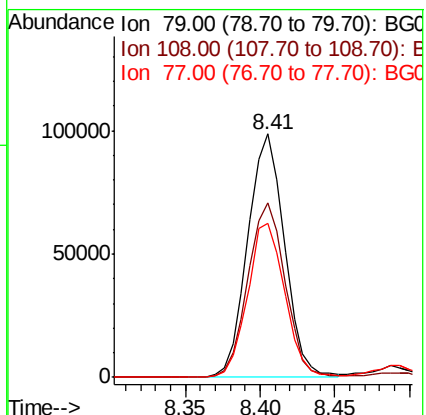
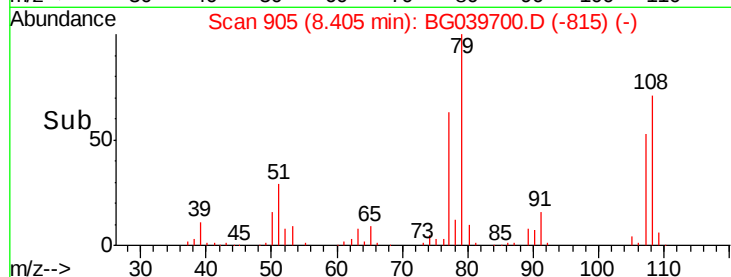
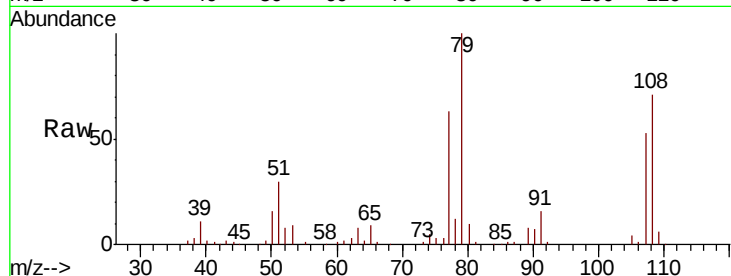
Tot Ion: 79 Resp: 167801

Ion Ratio Lower Upper

79 100

108 71.4 57.8 86.6

77 63.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.104 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

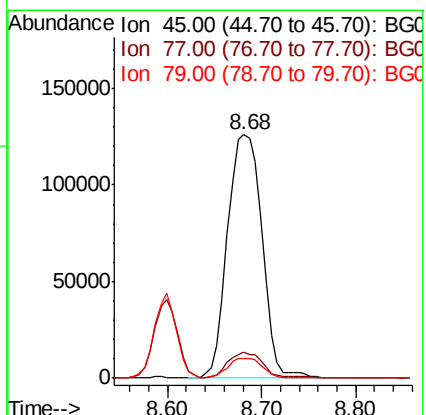
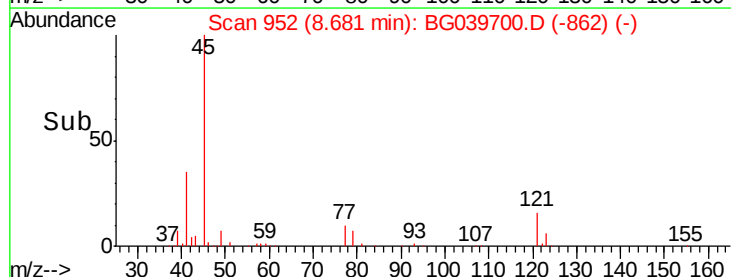
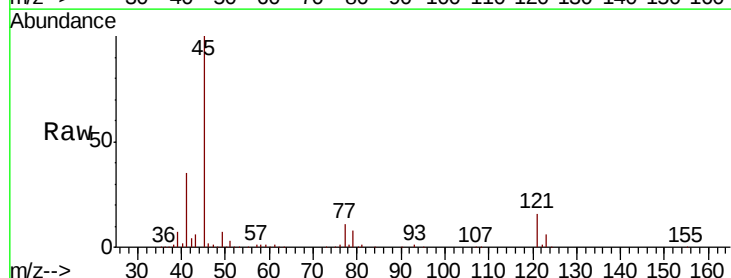
Tgt Ion: 45 Resp: 319346

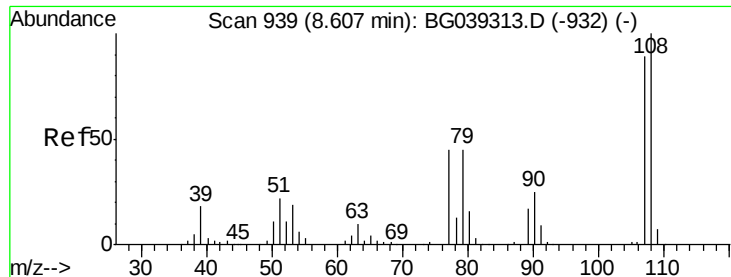
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.0

79 7.9 0.0 27.5

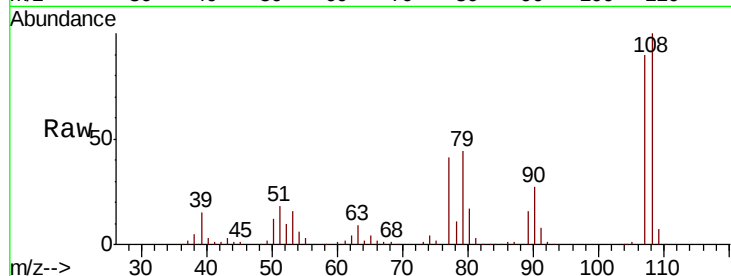




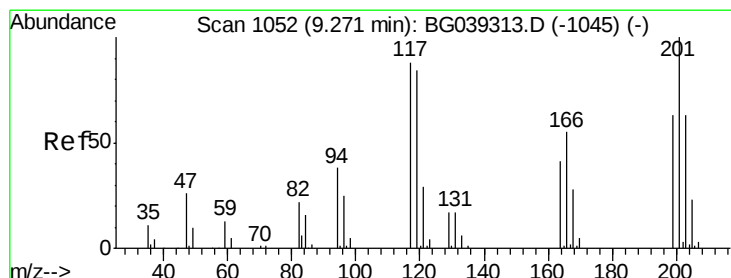
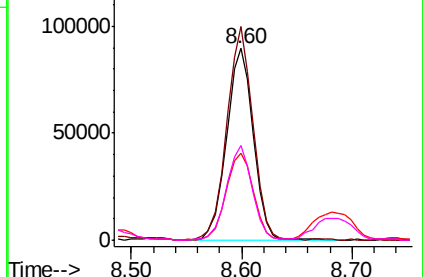
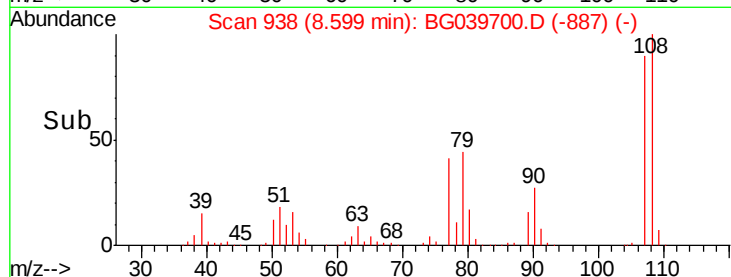
#17
2-Methylphenol
Concen: 46.040 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Instrument :
BNA_G
ClientSampleId :
200051MSD

Tot Ion:107 Resp: 151891
Ion Ratio Lower Upper
107 100
108 111.6 90.8 136.2
77 45.7 40.7 61.1
79 49.4 40.6 60.8

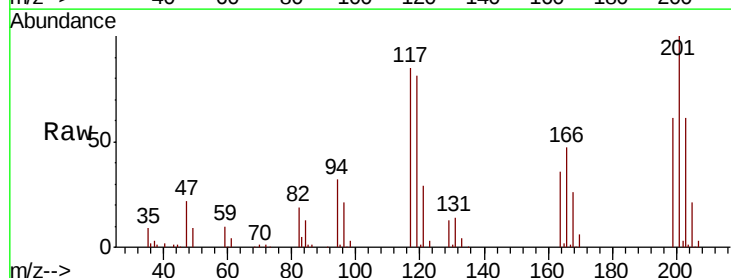


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

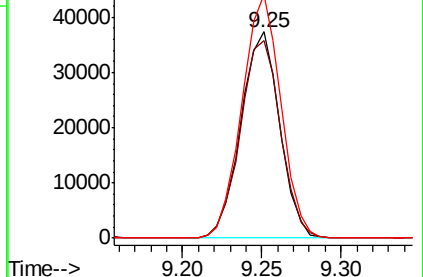
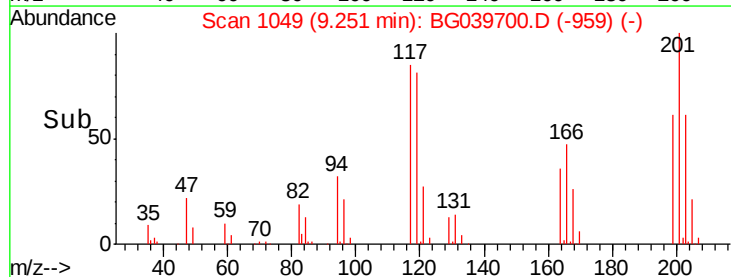


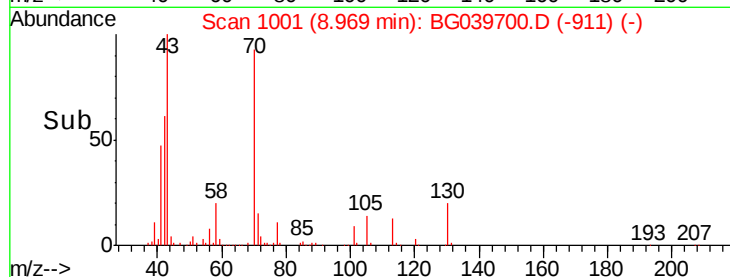
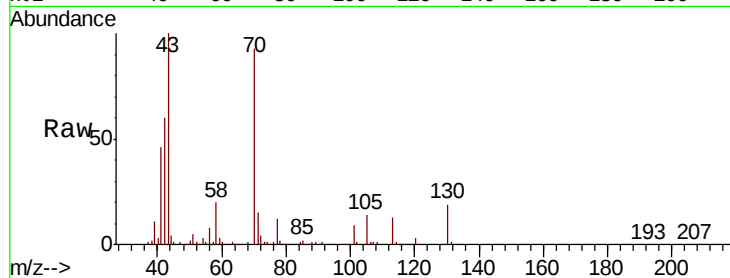
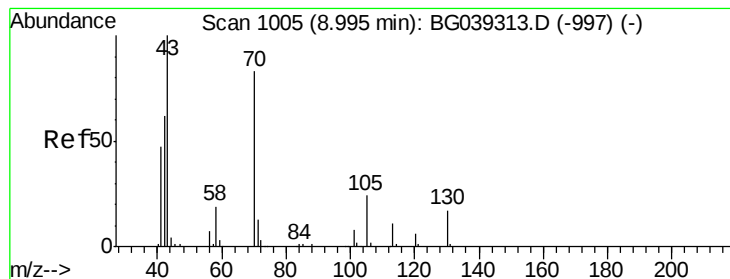
#18
Hexachloroethane
Concen: 42.073 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion:117 Resp: 63476
Ion Ratio Lower Upper
117 100
119 95.8 76.3 114.5
201 118.0 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: 41.019 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

Tot Ion: 70 Resp: 142383

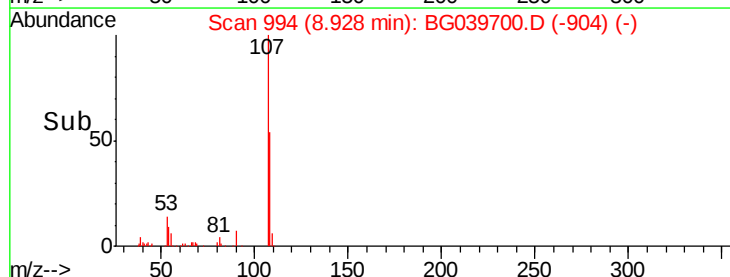
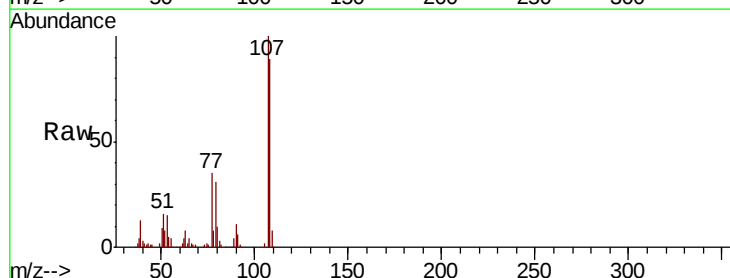
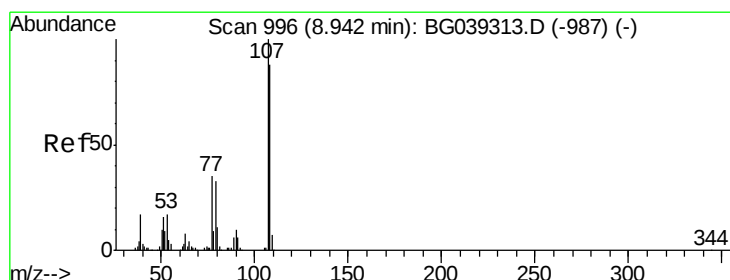
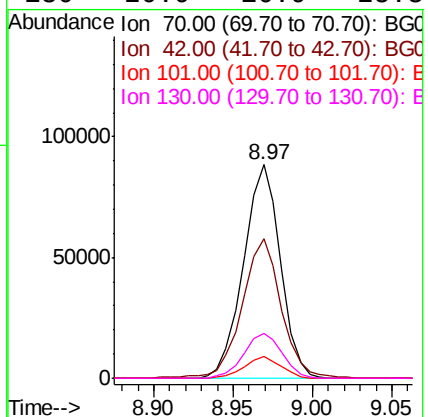
Ion Ratio Lower Upper

70 100

42 65.2 60.4 90.6

101 10.2 7.5 11.3

130 20.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 44.618 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Tgt Ion:107 Resp: 202702

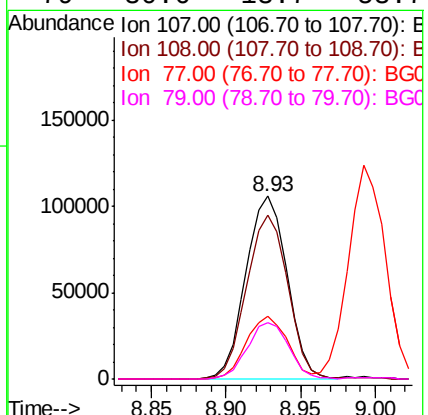
Ion Ratio Lower Upper

107 100

108 89.5 67.9 107.9

77 34.6 15.4 55.4

79 30.6 13.7 53.7

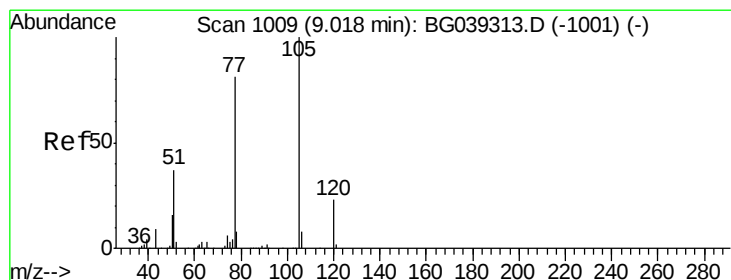
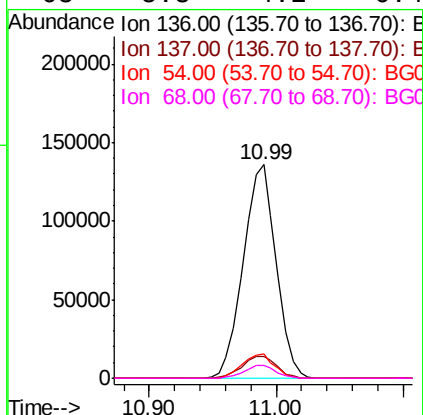
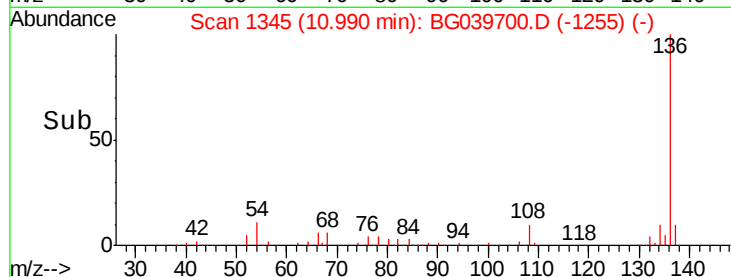
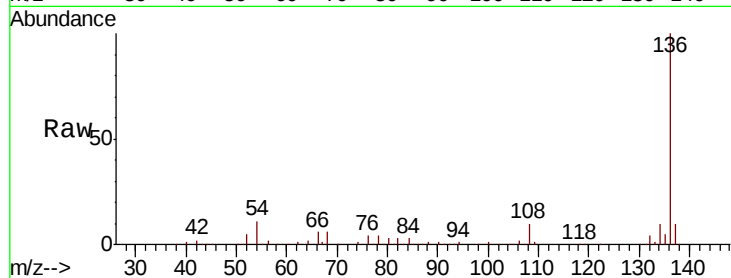




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

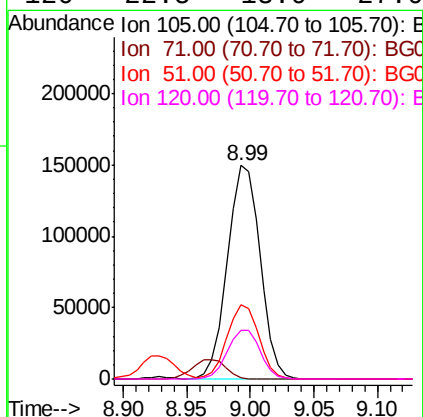
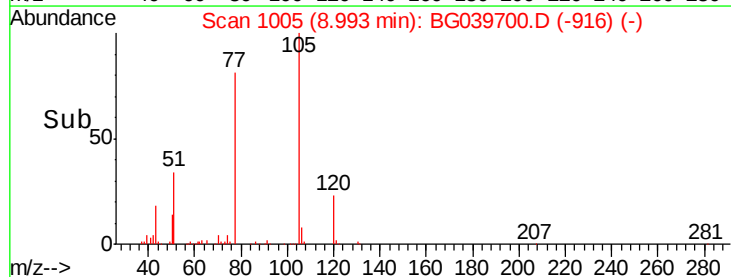
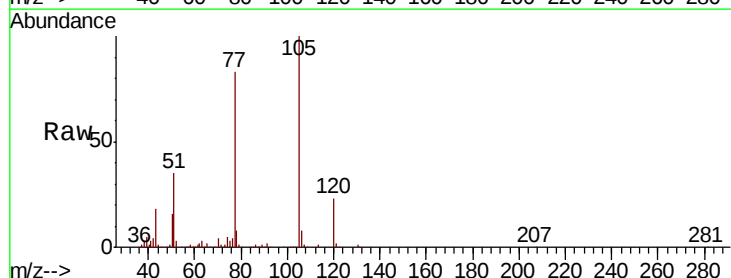
Instrument :
BNA_G
ClientSampleId :
200051MSD

Tot Ion:136	Resp:	244047
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.1 13.7
54	11.3	9.4 14.2
68	5.8	4.2 6.4



#22
Acetophenone
Concen: 40.621 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion:105	Resp:	266293
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.8 1.2#
51	34.6	30.2 45.2
120	22.5	18.0 27.0

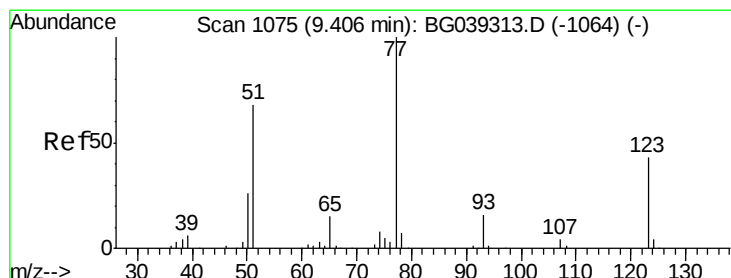
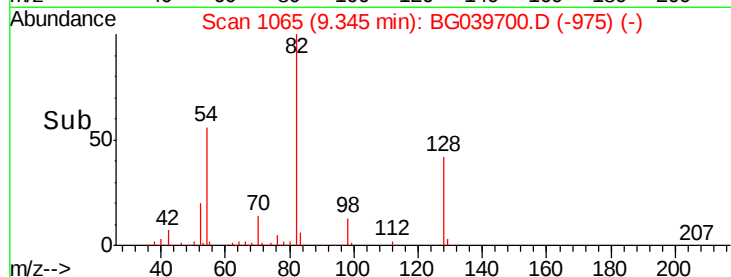
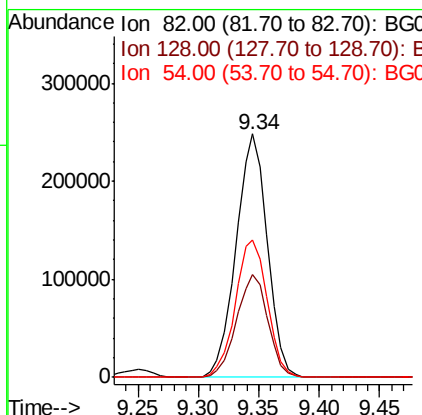
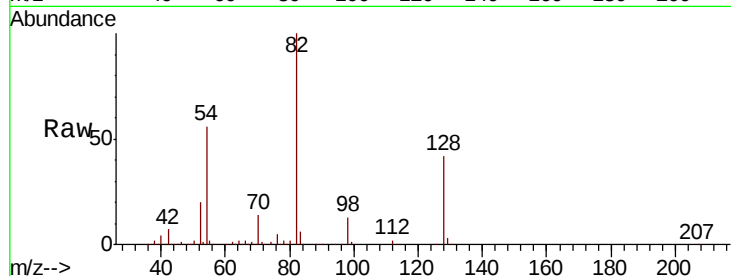




#23
Nitrobenzene-d5
Concen: 114.380 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

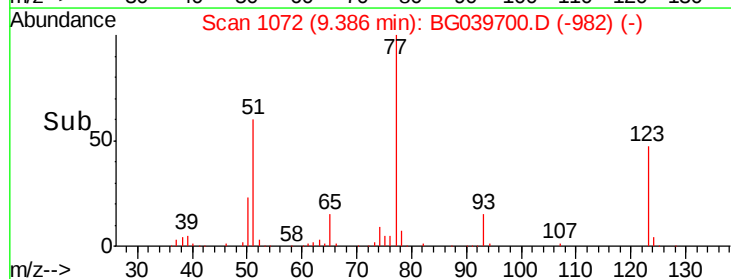
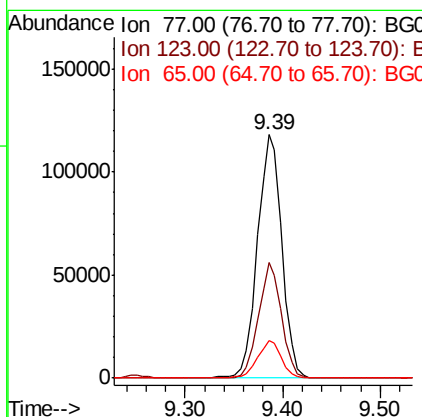
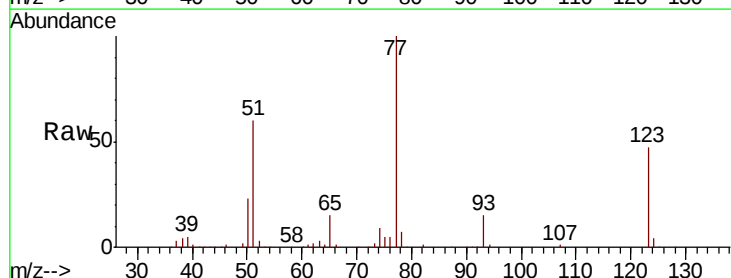
Instrument :
BNA_G
ClientSampleId :
200051MSD

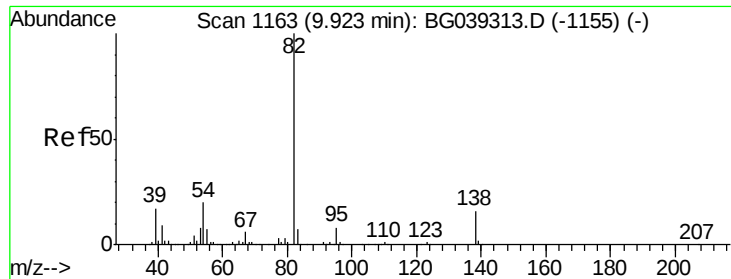
Tot Ion: 82 Resp: 446827
Ion Ratio Lower Upper
82 100
128 42.2 31.3 46.9
54 56.4 50.9 76.3



#24
Nitrobenzene
Concen: 49.241 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion: 77 Resp: 207812
Ion Ratio Lower Upper
77 100
123 47.4 34.1 51.1
65 15.3 12.3 18.5





#25

Isophorone

Concen: 47.130 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

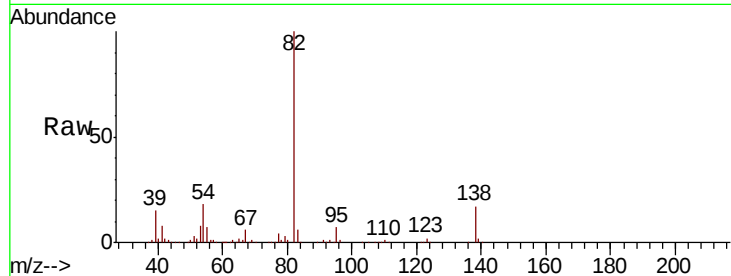
Tot Ion: 82 Resp: 407995

Ion Ratio Lower Upper

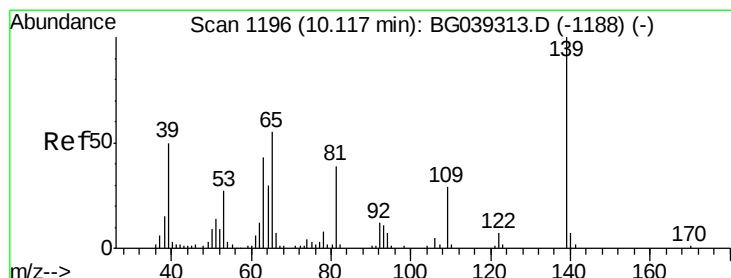
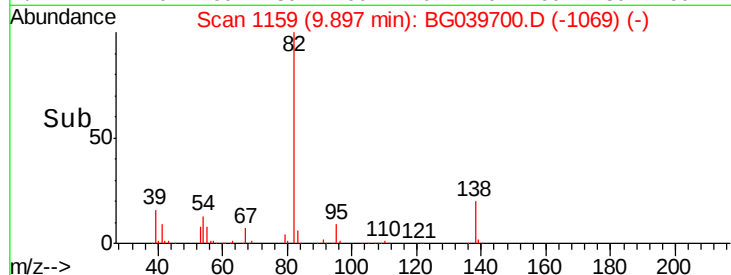
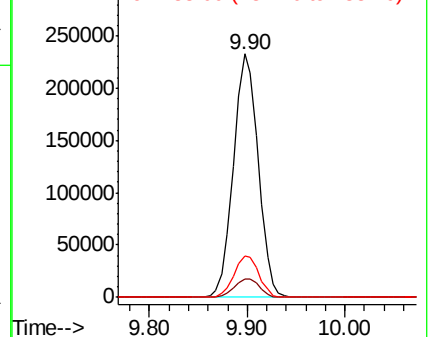
82 100

95 7.4 6.2 9.2

138 17.2 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: 57.516 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

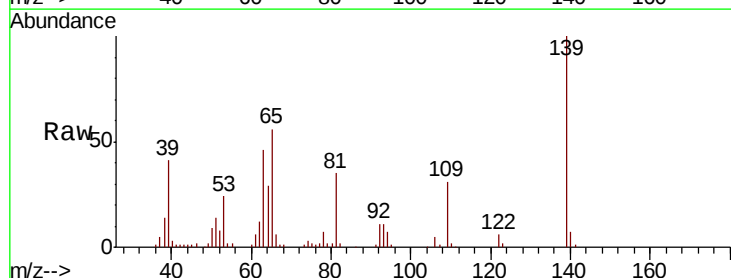
Tgt Ion: 139 Resp: 101243

Ion Ratio Lower Upper

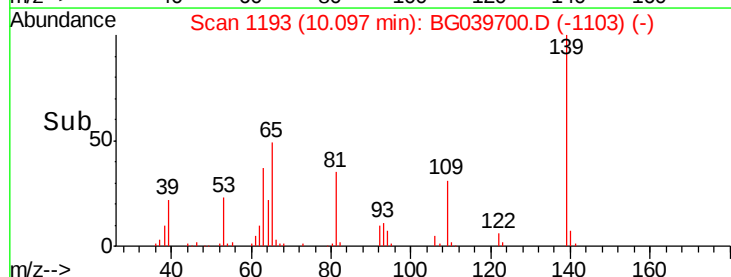
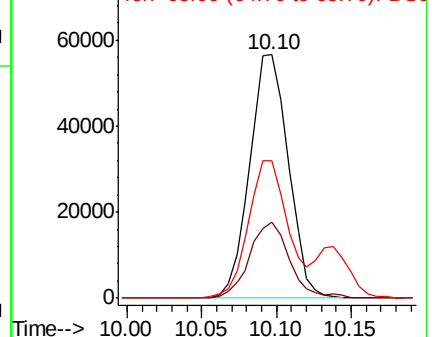
139 100

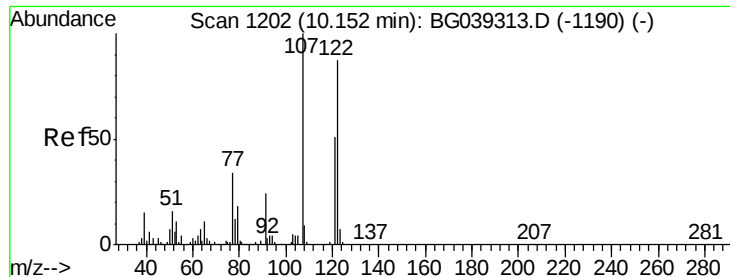
109 31.2 23.4 35.0

65 56.3 44.3 66.5



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

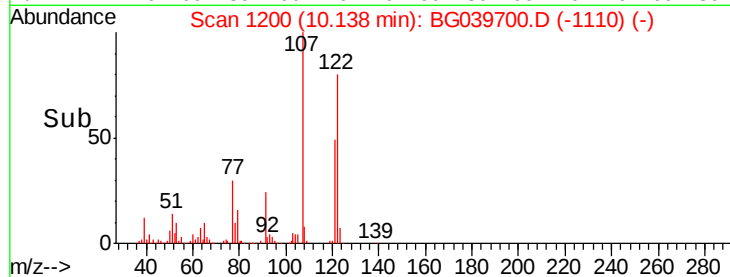
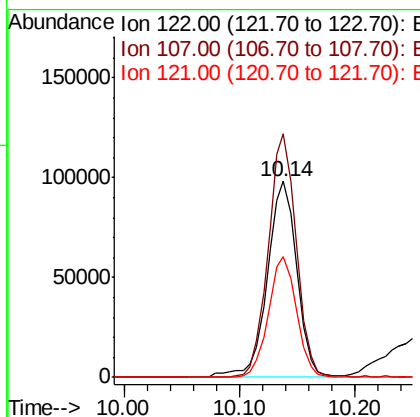
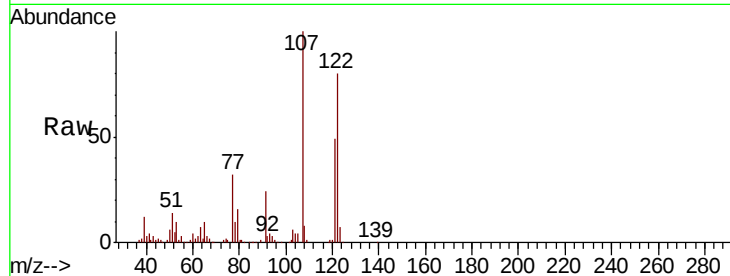




#27
2,4-Dimethylphenol
Concen: 50.121 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

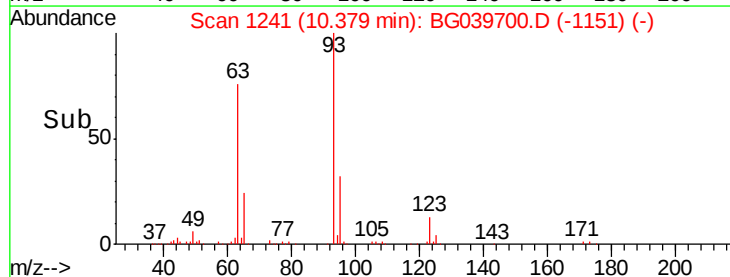
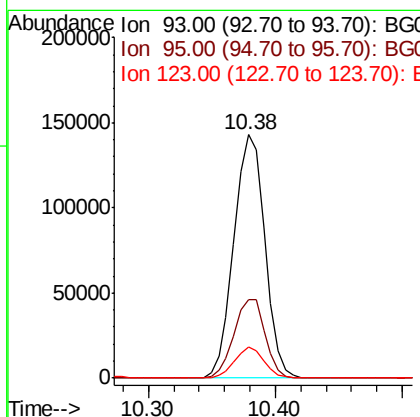
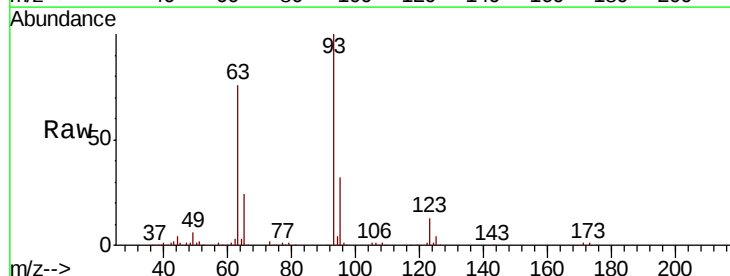
Instrument :
BNA_G
ClientSampleId :
200051MSD

Tot Ion:122 Resp: 175518
Ion Ratio Lower Upper
122 100
107 124.3 91.7 137.5
121 61.4 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.351 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion: 93 Resp: 241817
Ion Ratio Lower Upper
93 100
95 32.1 25.0 37.4
123 12.6 8.6 12.8

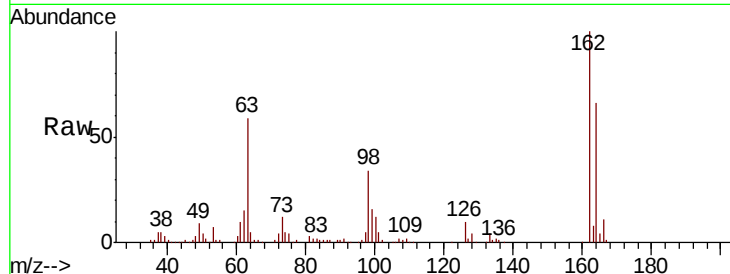




#29
 2,4-Dichlorophenol
 Concen: 49.961 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Instrument :
 BNA_G
 ClientSampled :
 200051MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	48.1	88.1
98	33.8	18.1	58.1

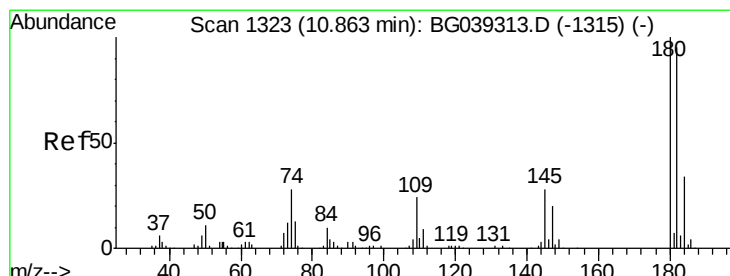
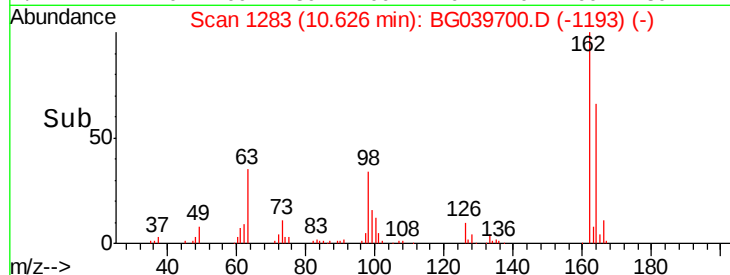
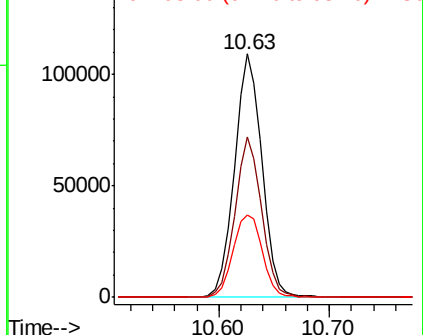


Abundance

Ion 162.00 (161.70 to 162.70): E

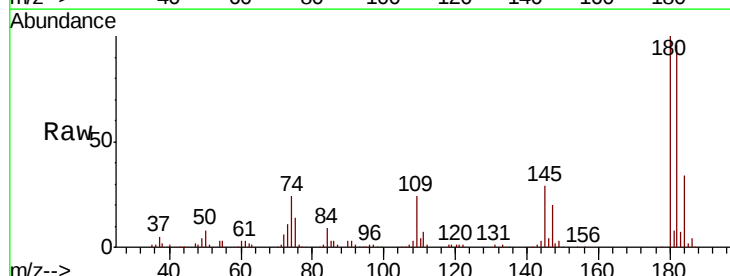
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 44.152 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.0	114.0
145	29.4	22.7	34.1

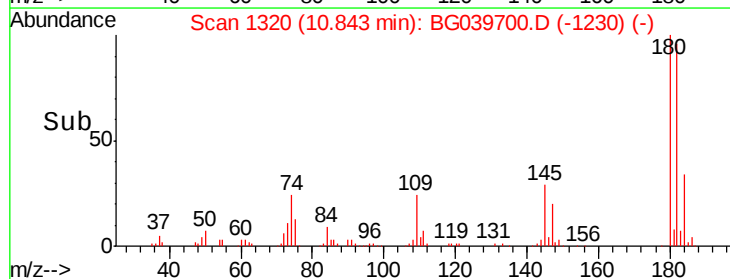
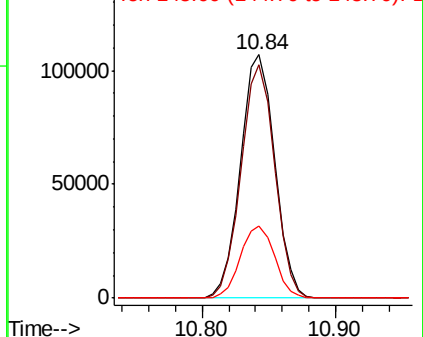


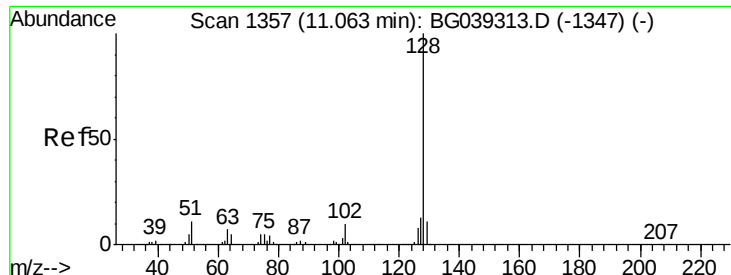
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

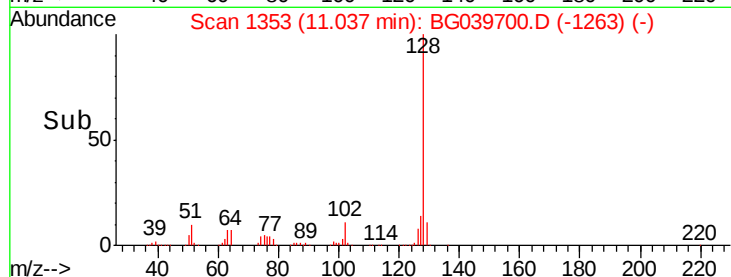
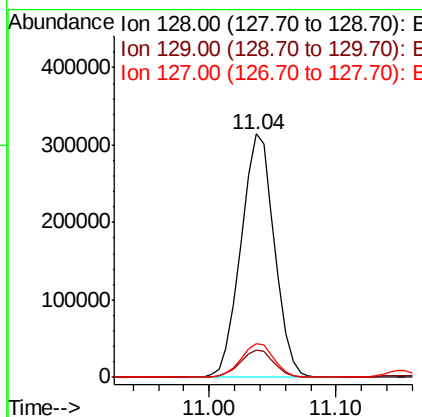
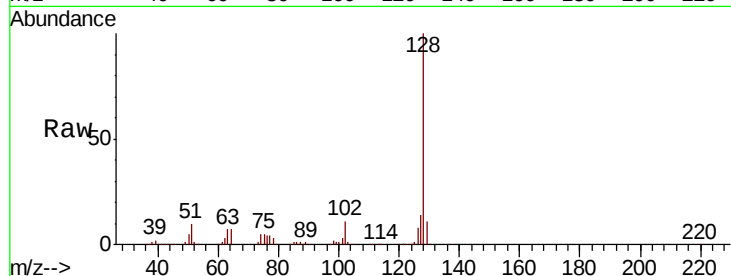




#31
Naphthalene
Concen: 47.388 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

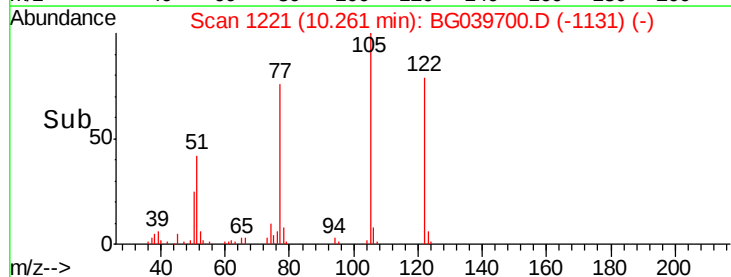
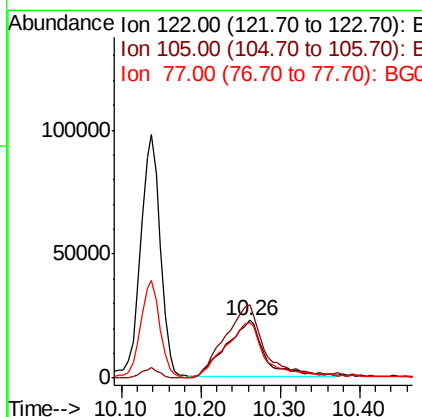
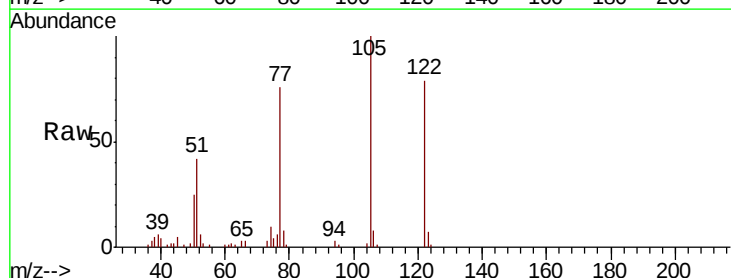
Instrument :
BNA_G
ClientSampleId :
200051MSD

Tot Ion:128 Resp: 573729
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 36.128 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion:122 Resp: 76547
Ion Ratio Lower Upper
122 100
105 126.2 101.8 141.8
77 95.6 76.3 116.3

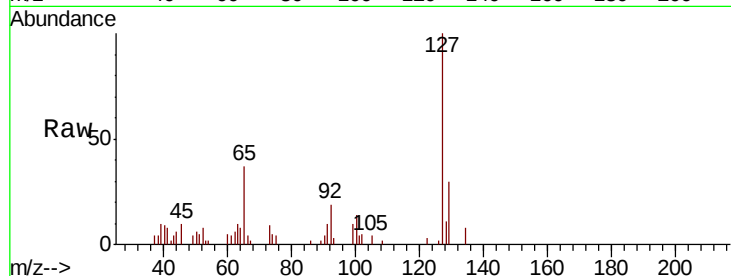




#33
4-Chloroaniline
Concen: 3.035 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Instrument :
BNA_G
ClientSampleId :
200051MSD

Tot Ion:	127	Resp:	17036
Ion	Ratio	Lower	Upper
127	100		
129	30.0	27.0	40.4
65	36.7	28.8	43.2
92	19.1	16.6	25.0



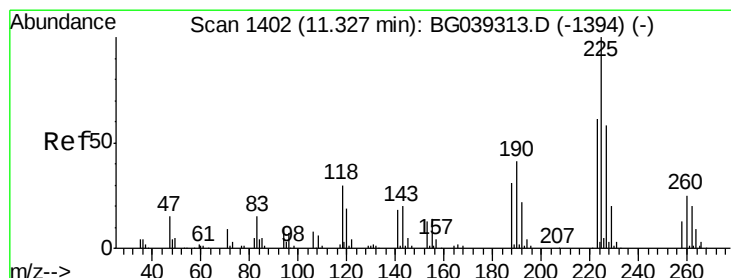
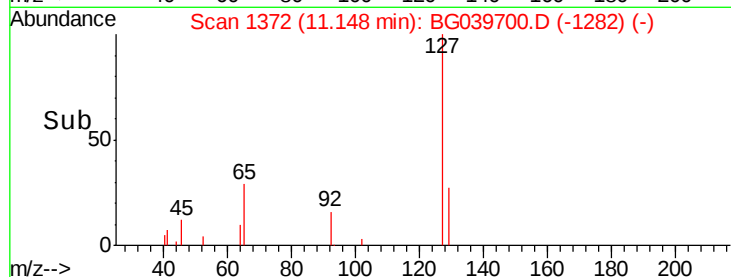
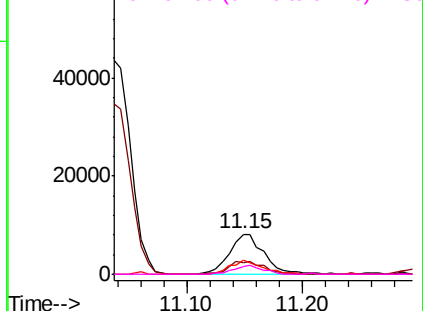
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

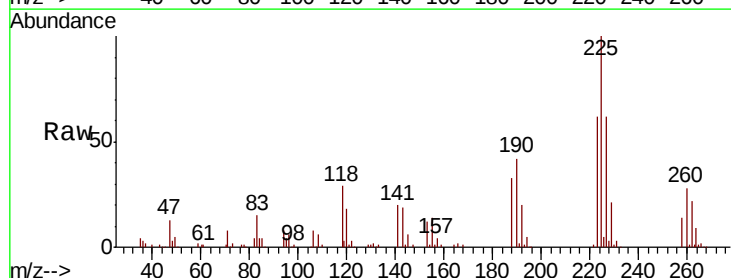
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.123 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion:	225	Resp:	123229
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.0	73.6
227	62.1	46.3	69.5

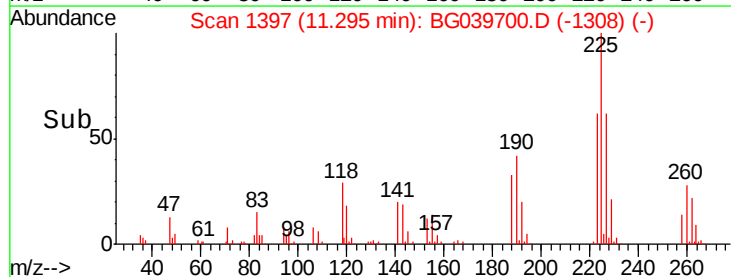
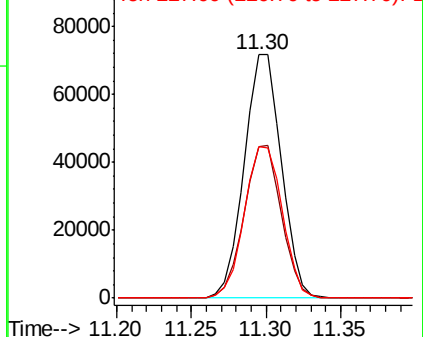


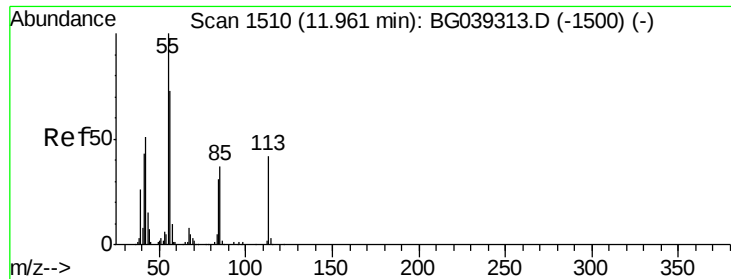
Abundance

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: 31.670 ng

RT: 11.94 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

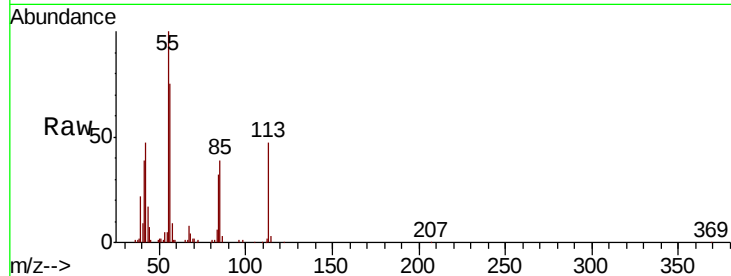
Tot Ion:113 Resp: 50158

Ion Ratio Lower Upper

113 100

55 212.2 216.9 256.9#

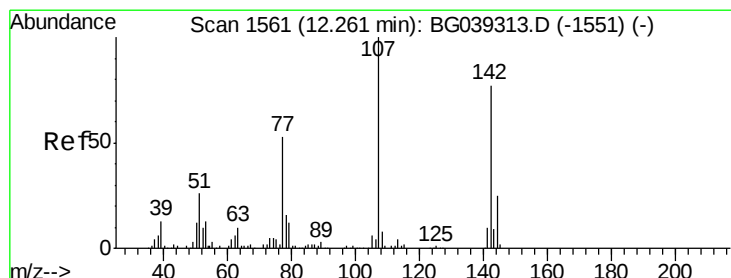
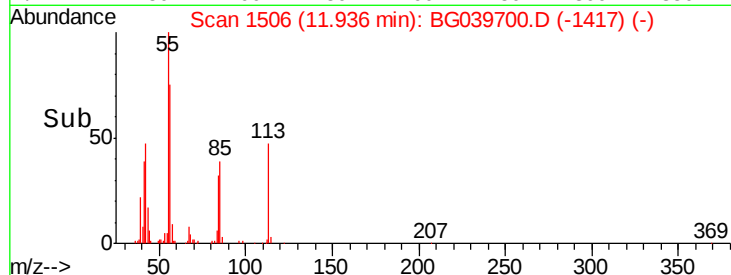
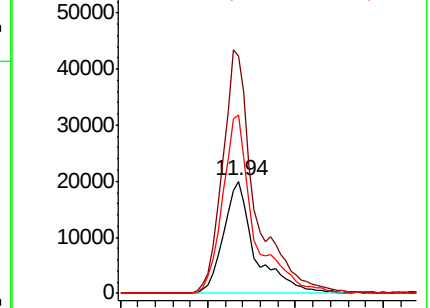
56 159.4 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.530 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

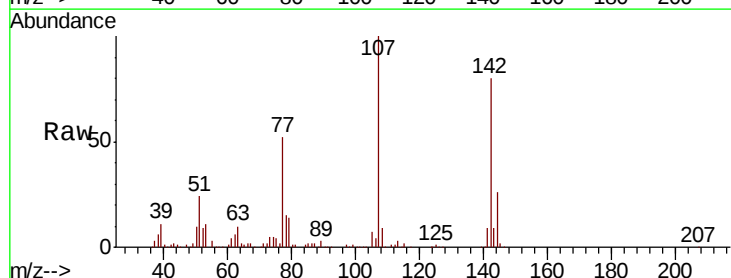
Tgt Ion:107 Resp: 201531

Ion Ratio Lower Upper

107 100

144 25.5 20.2 30.2

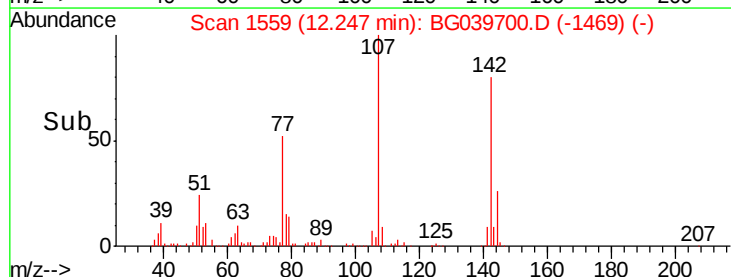
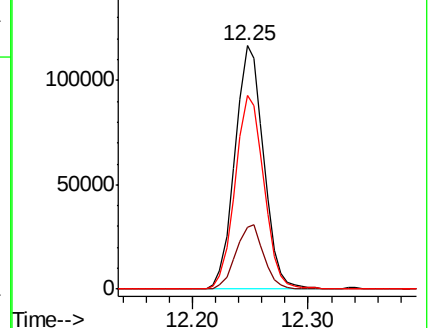
142 79.5 61.4 92.2

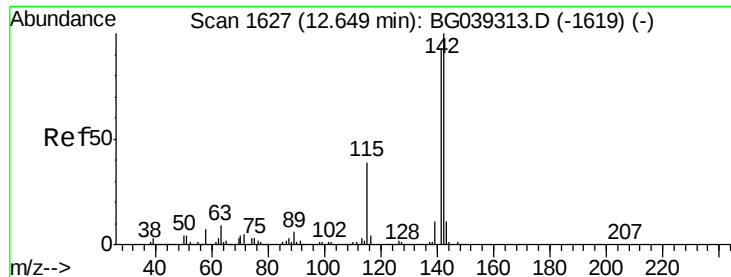


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

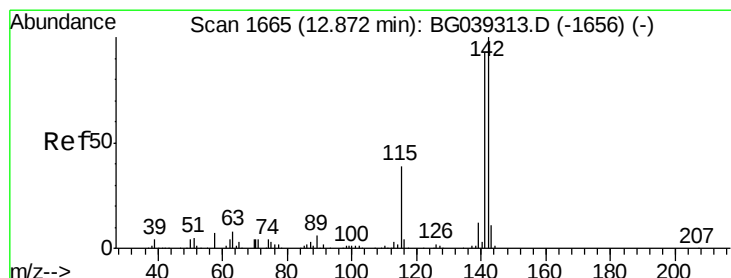
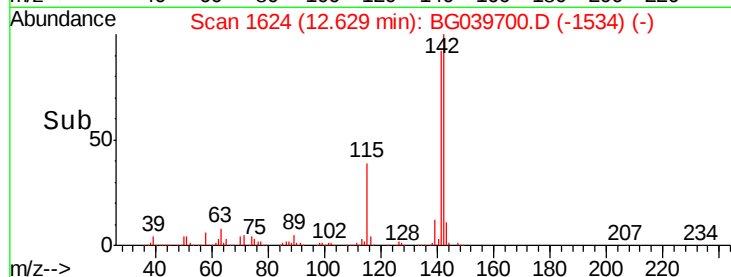
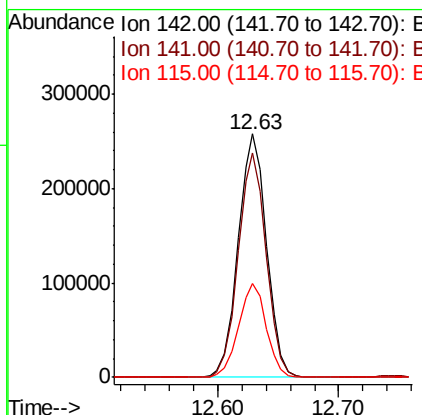
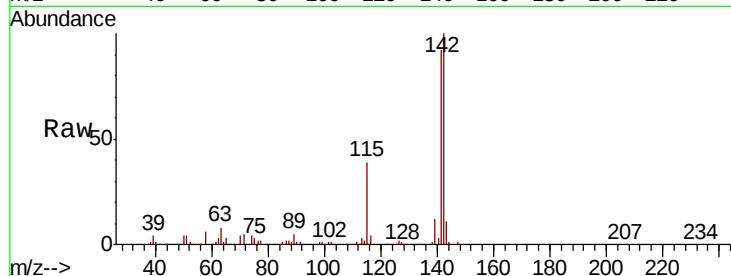




#37
2-Methylnaphthalene
Concen: 46.885 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

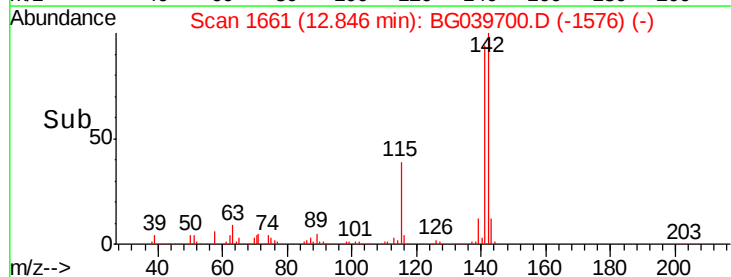
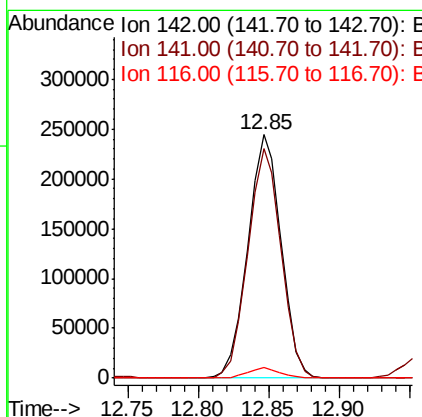
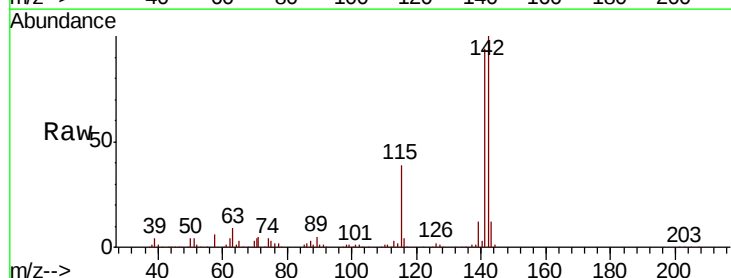
Instrument :
BNA_G
ClientSampleId :
200051MSD

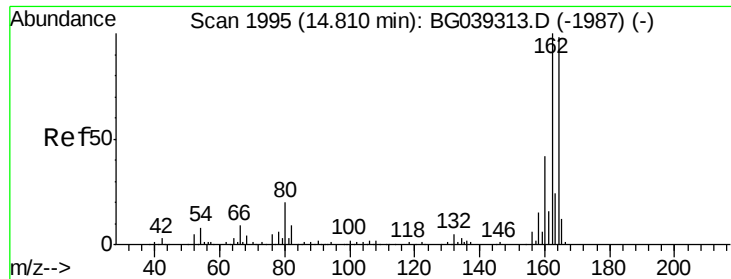
Tot Ion:142 Resp: 420427
Ion Ratio Lower Upper
142 100
141 92.3 73.5 110.3
115 38.7 30.8 46.2



#38
1-Methylnaphthalene
Concen: 46.707 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion:142 Resp: 403732
Ion Ratio Lower Upper
142 100
141 94.2 74.2 111.4
116 4.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

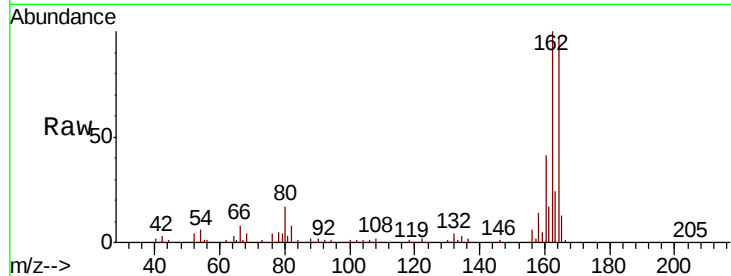
BNA_G

ClientSampleId :

200051MSD

Tot Ion:164 Resp: 164687

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.6	122.4
160	42.4	34.2	51.2

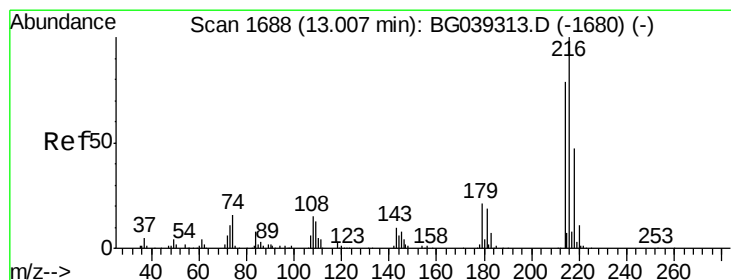
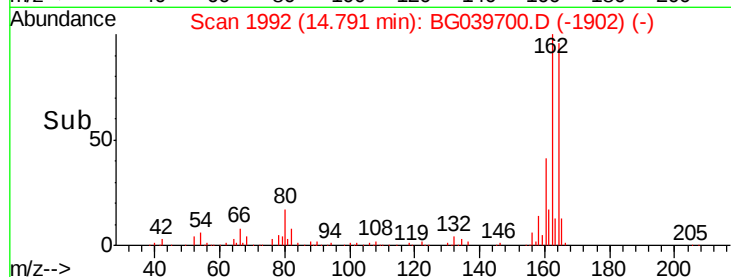
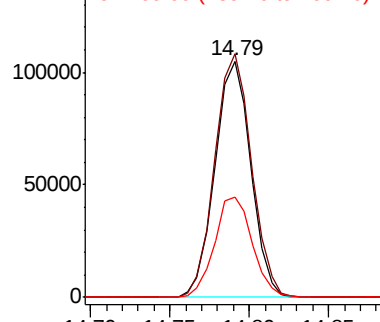


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.485 ng

RT: 12.99 min Scan# 1685

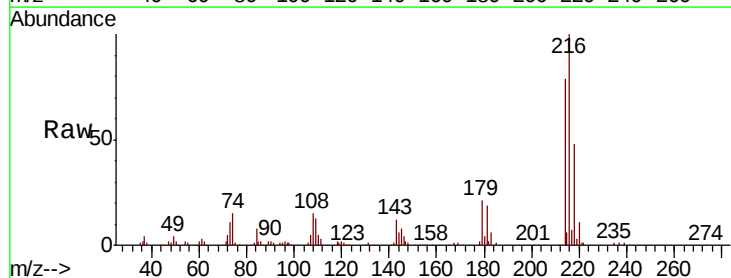
Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Tgt Ion:216 Resp: 233093

Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.6	94.0
179	21.2	16.6	25.0
108	18.0	14.0	21.0



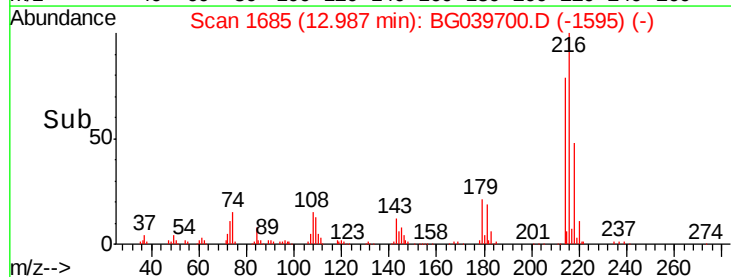
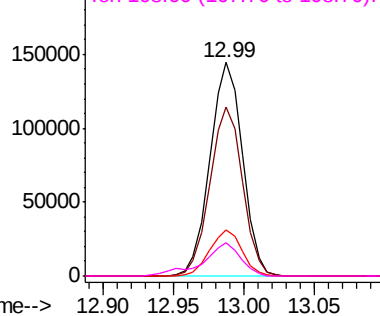
Abundance

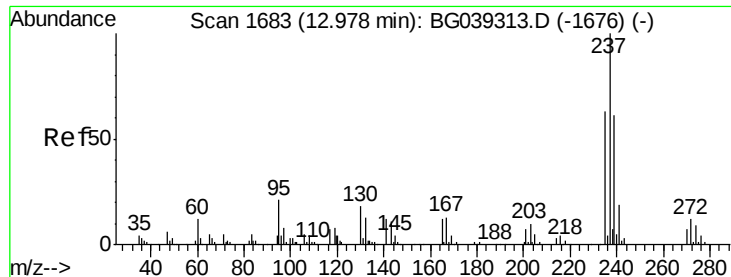
Ion 216.00 (215.70 to 216.70): E

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: 93.707 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

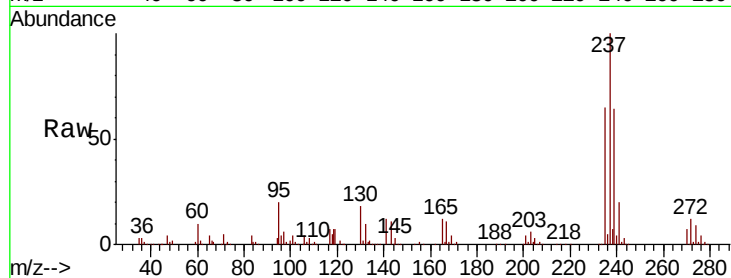
Tot Ion:237 Resp: 267561

Ion Ratio Lower Upper

237 100

235 65.2 43.3 83.3

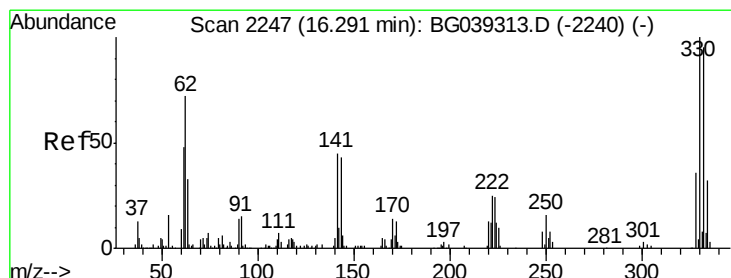
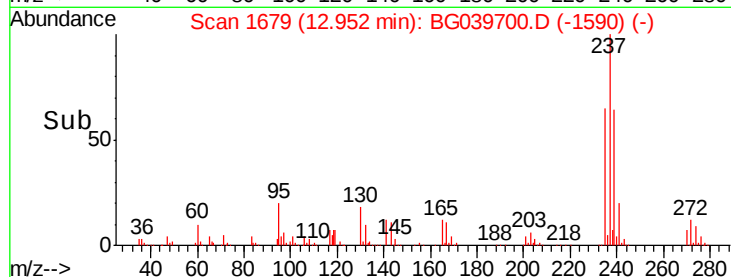
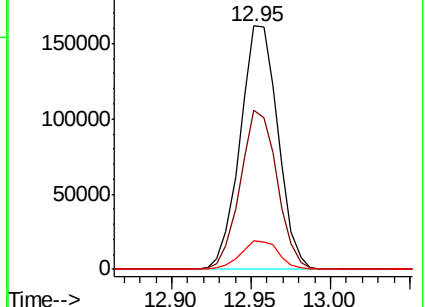
272 11.8 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 143.035 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

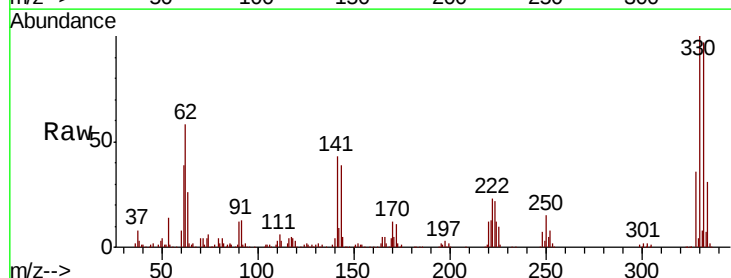
Tgt Ion:330 Resp: 253657

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

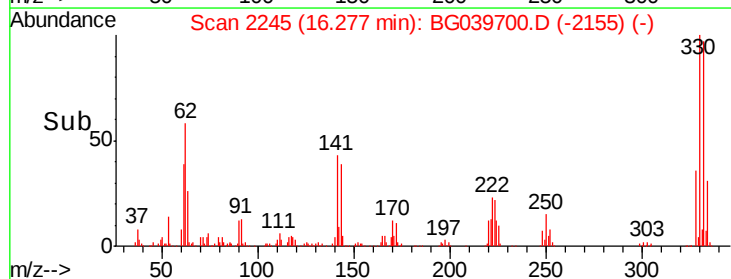
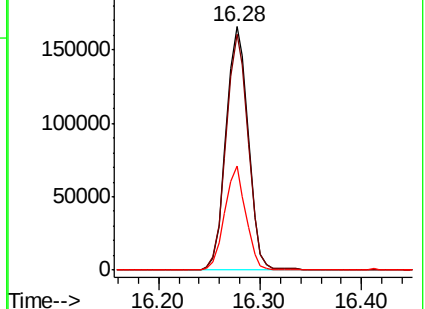
141 40.7 35.6 53.4

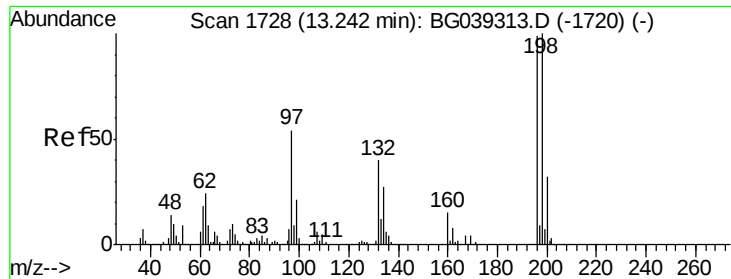


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

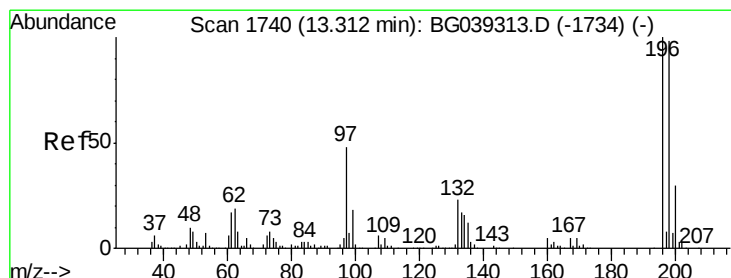
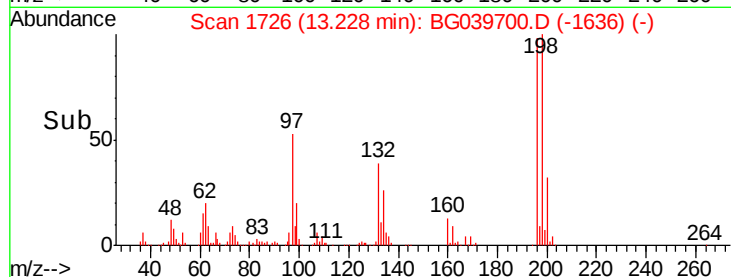
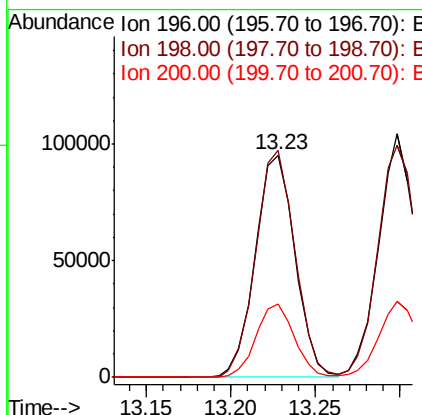
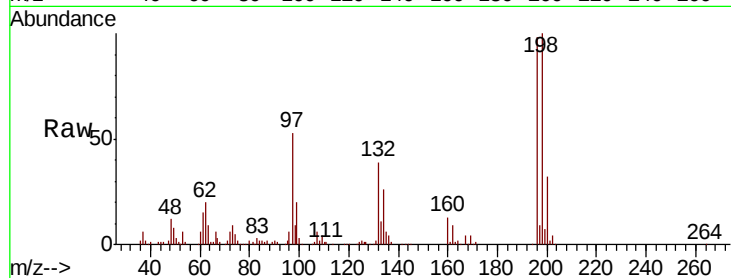




#43
 2,4,6-Trichlorophenol
 Concen: 48.372 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

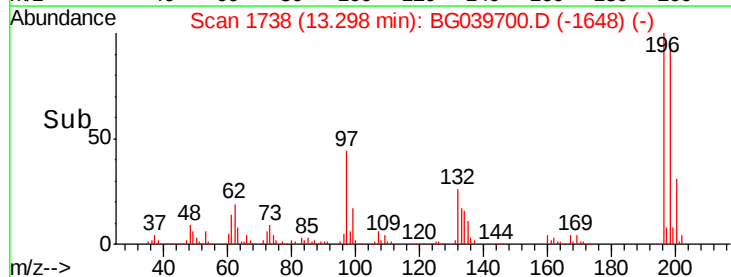
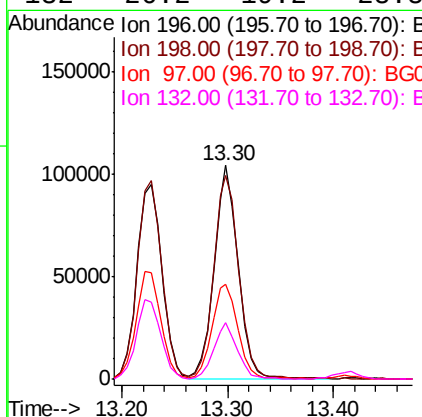
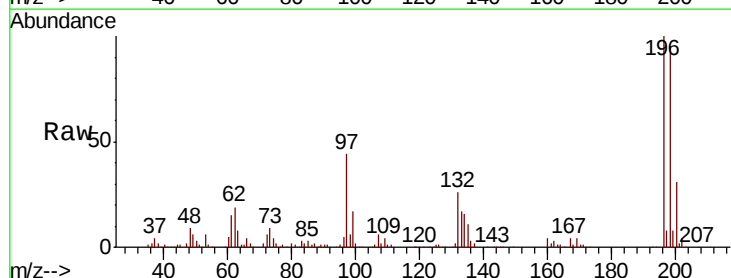
Instrument :
 BNA_G
 ClientSampled :
 200051MSD

Tot Ion:196 Resp: 155842
 Ion Ratio Lower Upper
 196 100
 198 102.1 80.6 121.0
 200 32.9 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 49.008 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Tgt Ion:196 Resp: 165483
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.5 117.7
 97 44.3 38.4 57.6
 132 26.2 19.2 28.8



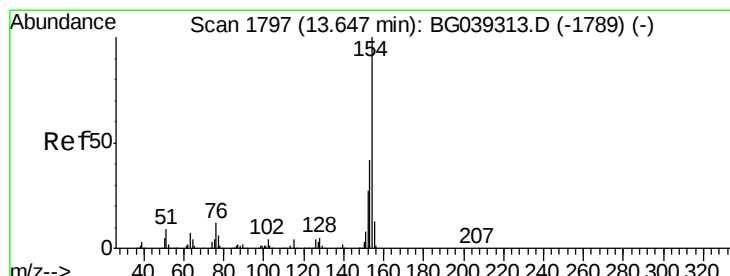
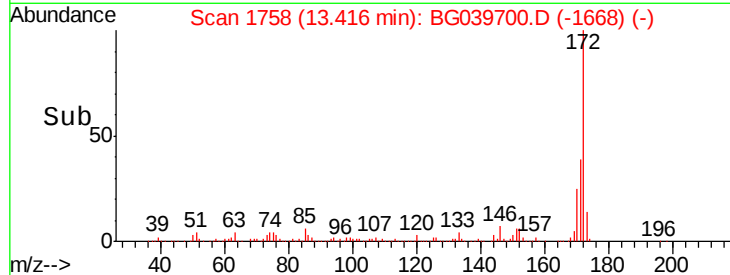
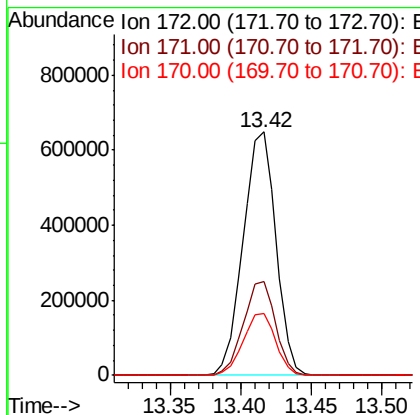
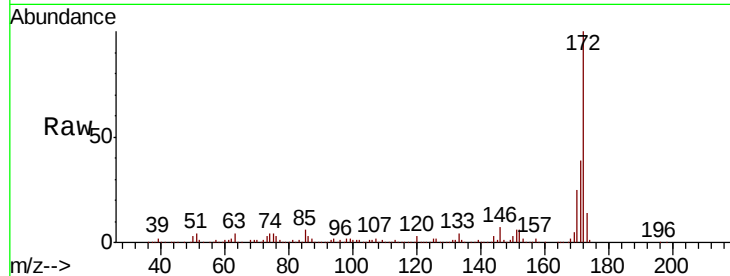


#45
 2-Fluorobiphenyl
 Concen: 92.008 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Instrument :
 BNA_G
 ClientSampleId :
 200051MSD

Tot Ion:172 Resp: 1056260

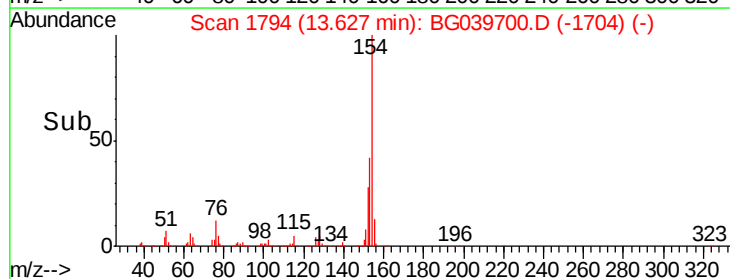
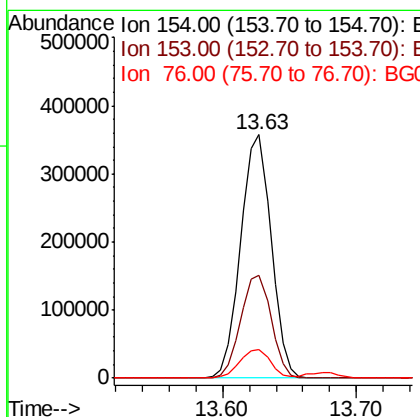
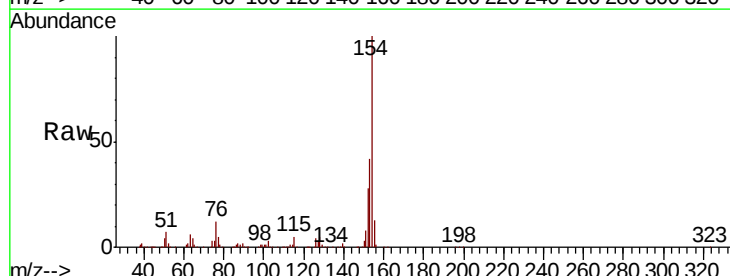
Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	25.3	20.2	30.4

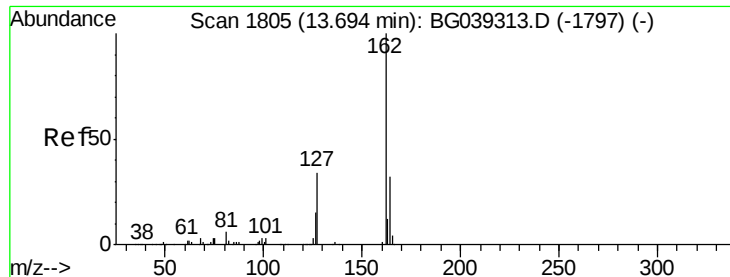


#46
 1,1'-Biphenyl
 Concen: 41.145 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Tgt Ion:154 Resp: 563784

Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.1	62.1
76	11.9	0.0	32.4





#47

2-Chloronaphthalene

Concen: 42.542 ng

RT: 13.67 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

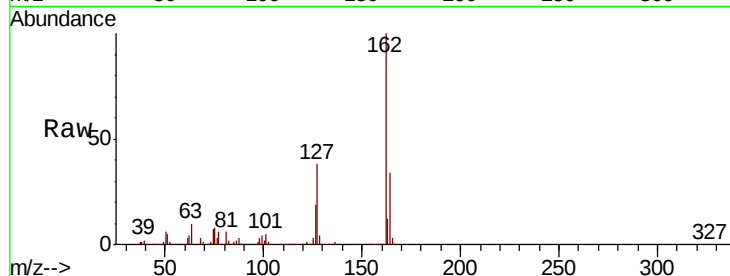
Tot Ion:162 Resp: 438522

Ion Ratio Lower Upper

162 100

127 38.3 31.0 46.6

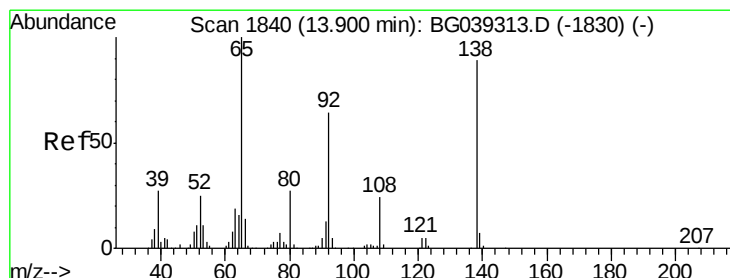
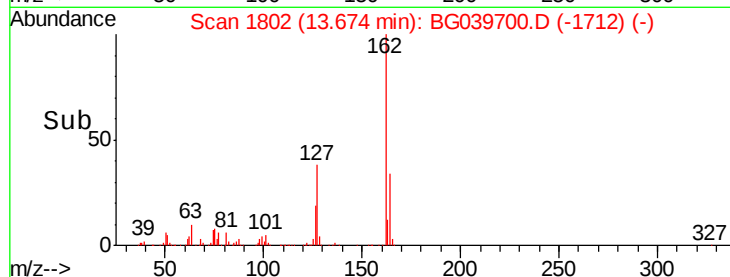
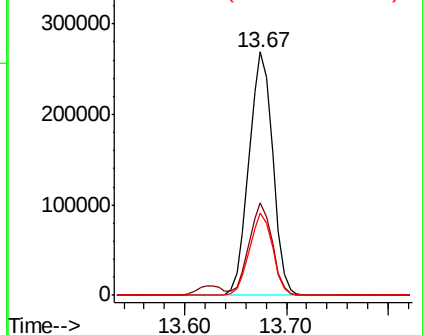
164 33.7 25.7 38.5



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: 49.116 ng

RT: 13.88 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

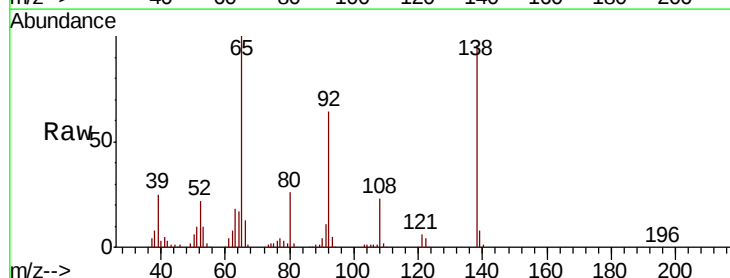
Tgt Ion: 65 Resp: 146128

Ion Ratio Lower Upper

65 100

92 64.1 51.4 77.2

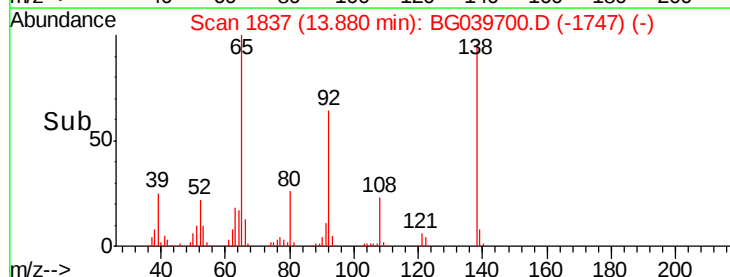
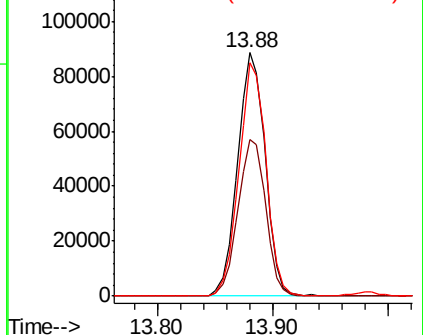
138 96.0 71.4 107.2

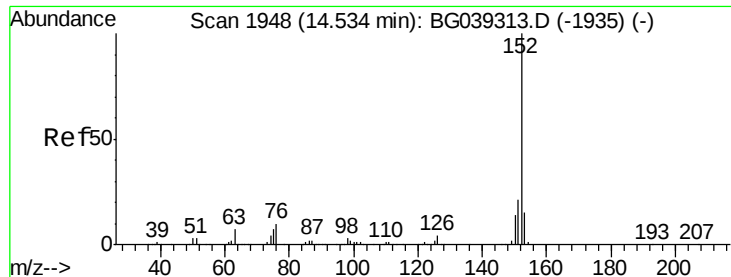


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.396 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampled :

200051MSD

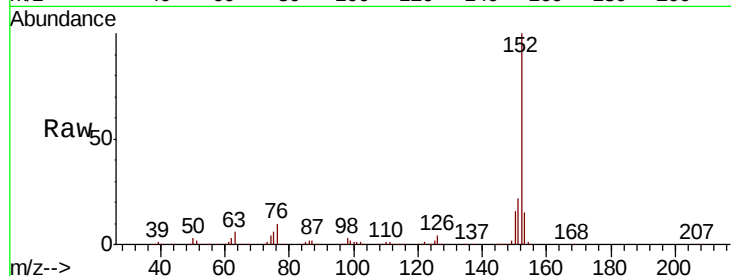
Tot Ion:152 Resp: 690532

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

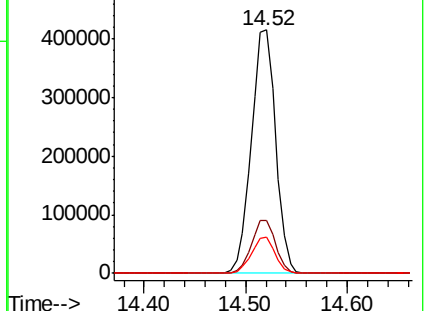
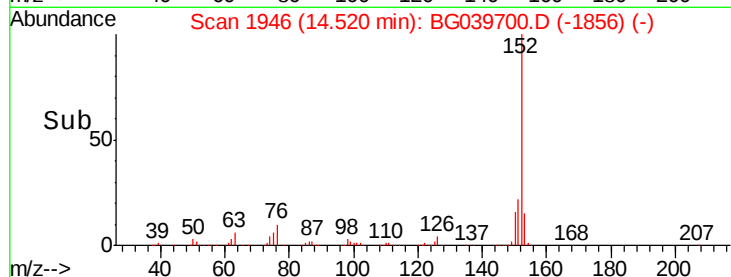
153 14.7 11.7 17.5



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: 42.593 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

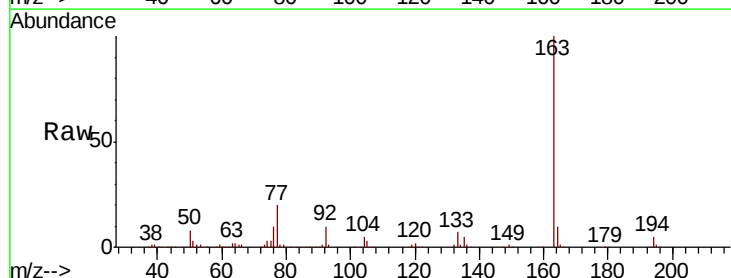
Tgt Ion:163 Resp: 566519

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

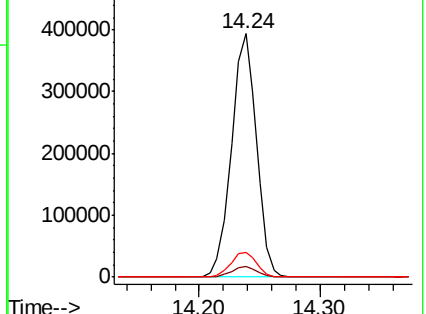
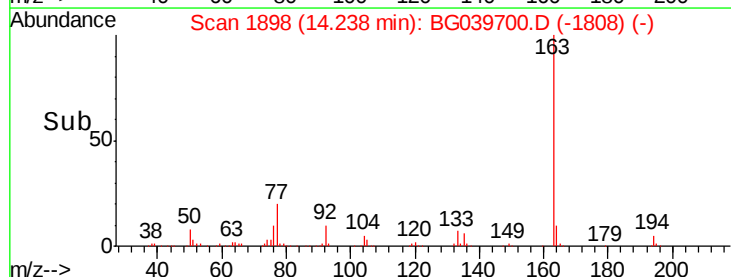
164 10.1 8.4 12.6



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

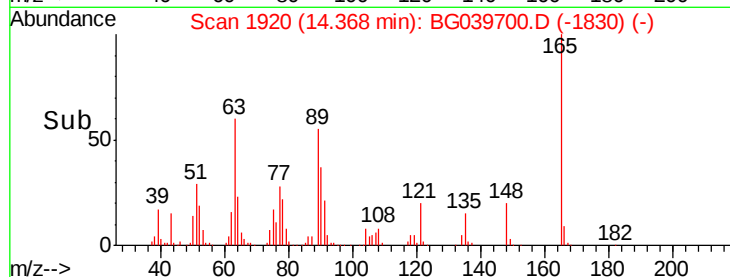
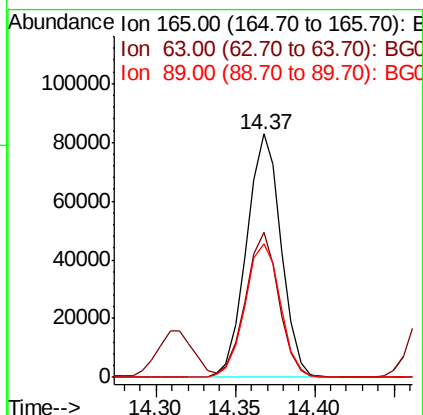
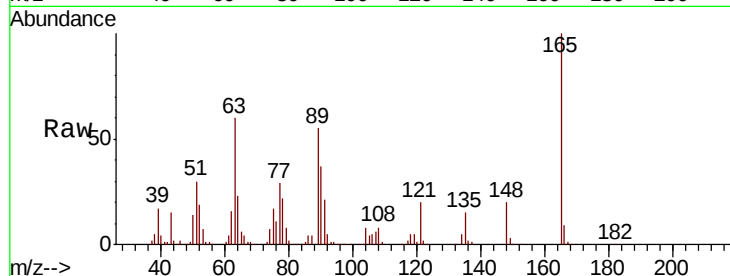




#51
2,6-Dinitrotoluene
Concen: 50.007 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

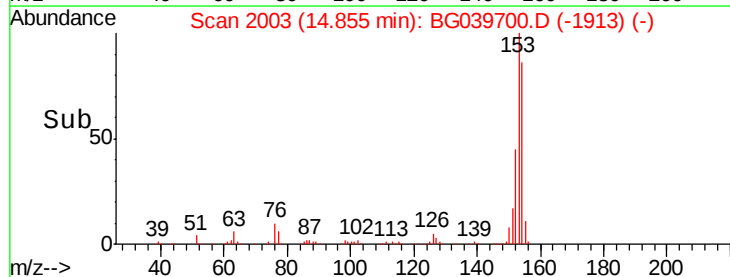
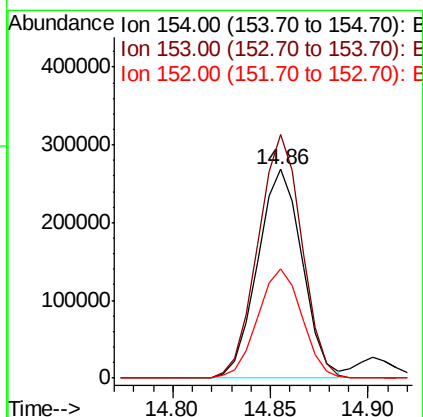
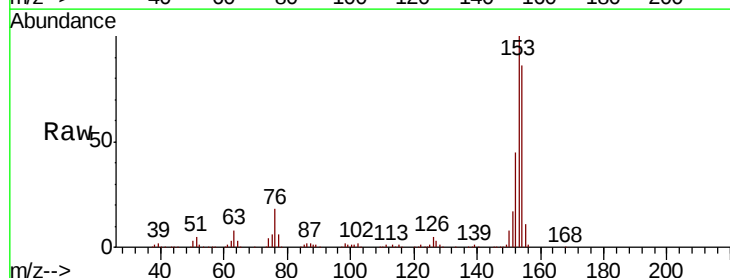
Instrument :
BNA_G
ClientSampleId :
200051MSD

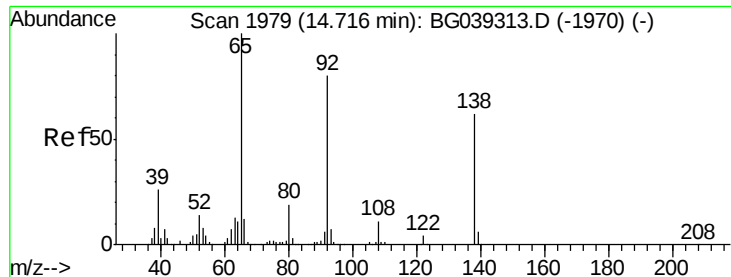
Tot Ion:165 Resp: 125100
Ion Ratio Lower Upper
165 100
63 59.7 47.0 70.6
89 54.7 45.8 68.8



#52
Acenaphthene
Concen: 42.099 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion:154 Resp: 425050
Ion Ratio Lower Upper
154 100
153 116.8 90.1 135.1
152 52.5 40.9 61.3

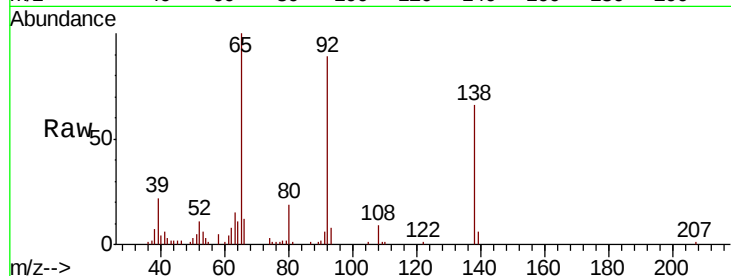




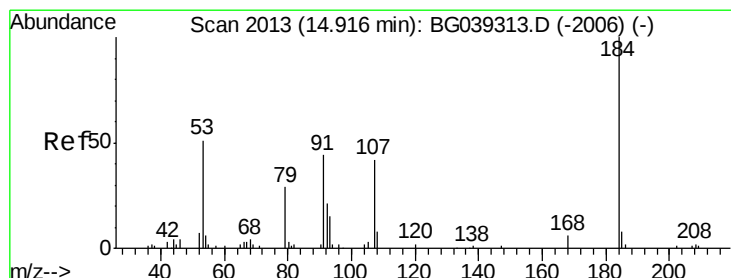
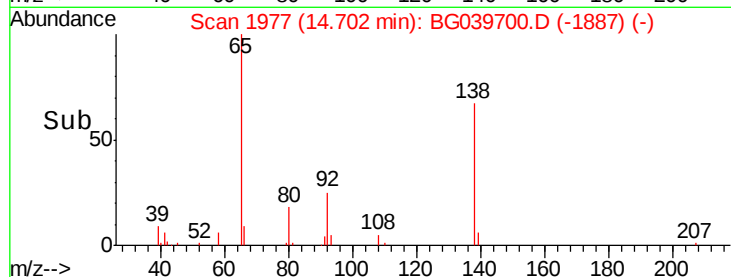
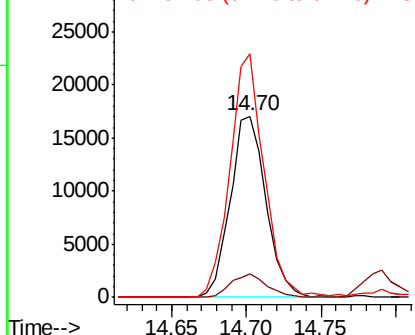
#53
3-Nitroaniline
Concen: 15.103 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Instrument :
BNA_G
ClientSampleId :
200051MSD

Tot Ion:138 Resp: 28399
Ion Ratio Lower Upper
138 100
108 13.1 13.8 20.8#
92 134.3 103.7 155.5

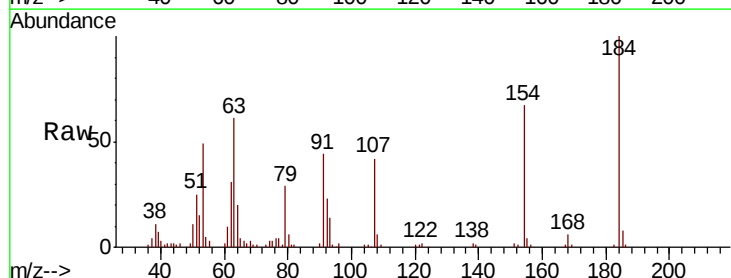


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

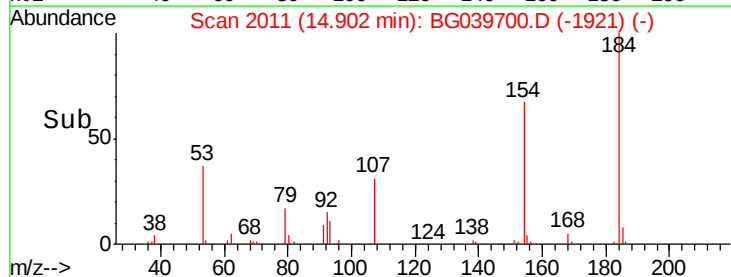
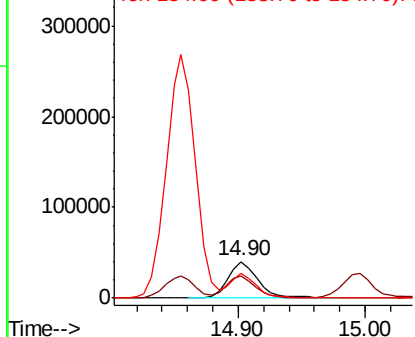


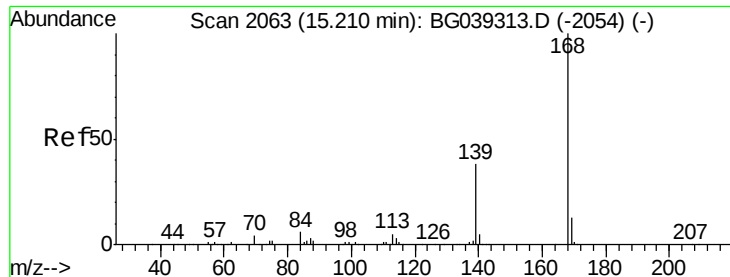
#54
2,4-Dinitrophenol
Concen: 65.484 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion:184 Resp: 65548
Ion Ratio Lower Upper
184 100
63 61.2 50.9 76.3
154 67.3 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

Dibenzofuran

Concen: 42.071 ng

RT: 15.18 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

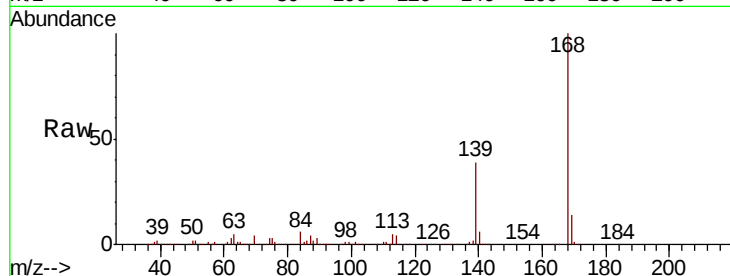
Tot Ion:168 Resp: 681039

Ion Ratio Lower Upper

168 100

139 38.9 30.1 45.1

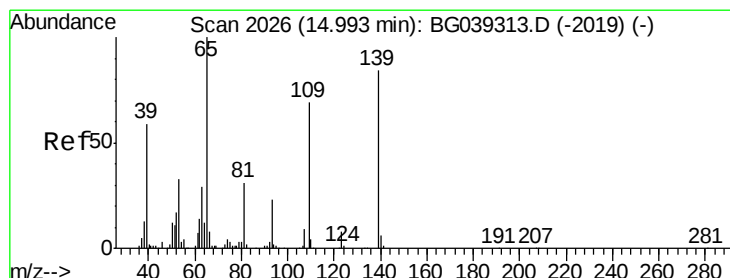
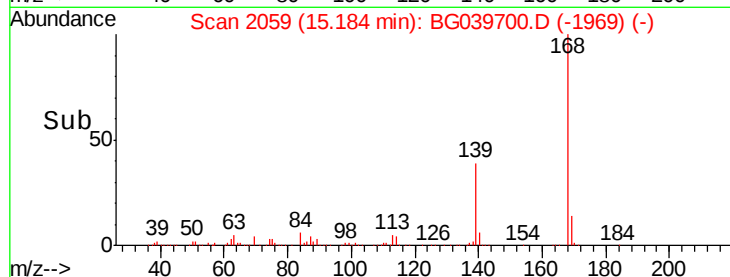
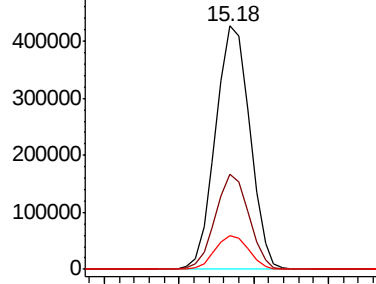
169 14.1 10.6 16.0



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: 63.719 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

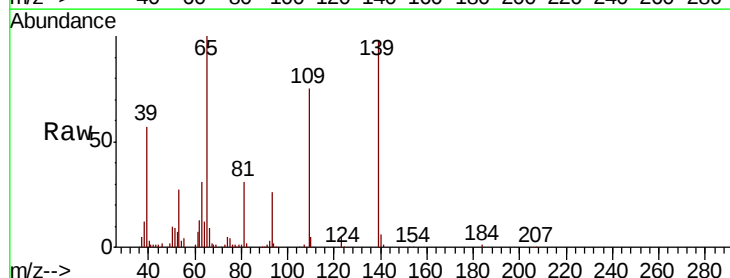
Tgt Ion:139 Resp: 150180

Ion Ratio Lower Upper

139 100

109 76.6 61.9 101.9

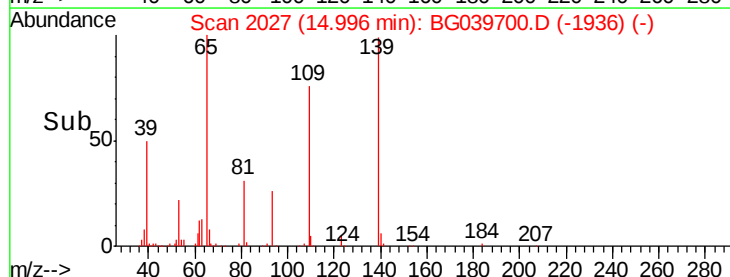
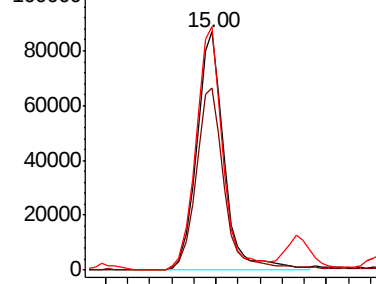
65 102.1 99.1 139.1



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

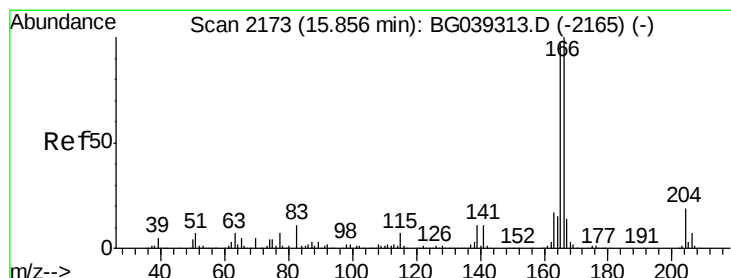
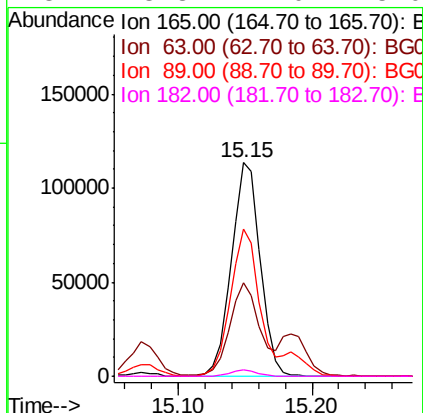
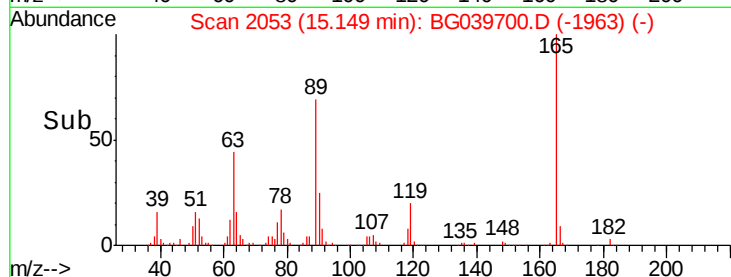
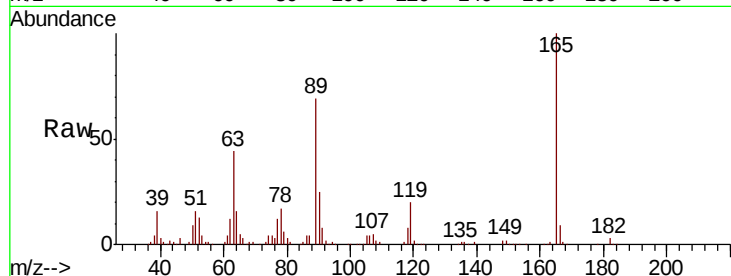




#57
 2,4-Dinitrotoluene
 Concen: 52.616 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

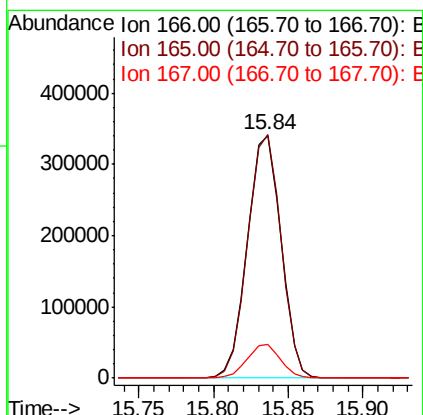
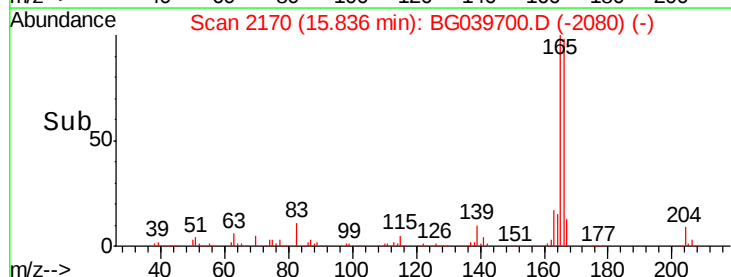
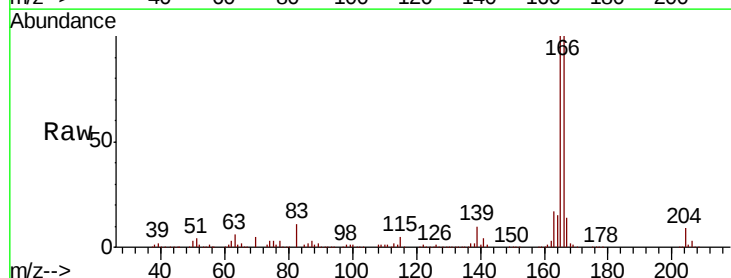
Instrument :
 BNA_G
 ClientSampleId :
 200051MSD

Tot Ion:165 Resp: 170406
 Ion Ratio Lower Upper
 165 100
 63 43.7 41.0 61.6
 89 68.7 64.6 96.8
 182 3.3 2.0 3.0#



#58
 Fluorene
 Concen: 43.872 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Tgt Ion:166 Resp: 529418
 Ion Ratio Lower Upper
 166 100
 165 100.3 77.9 116.9
 167 13.9 10.8 16.2

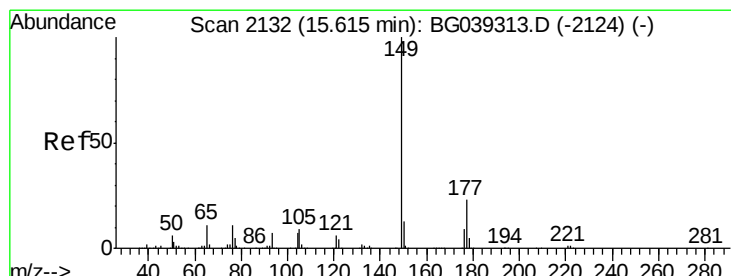
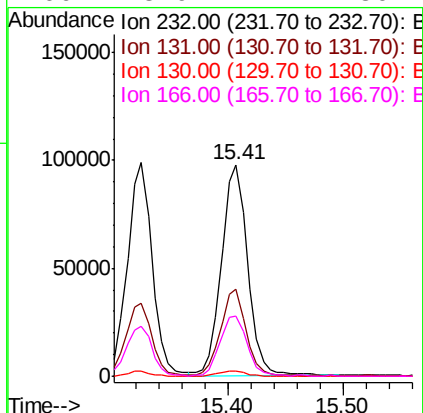
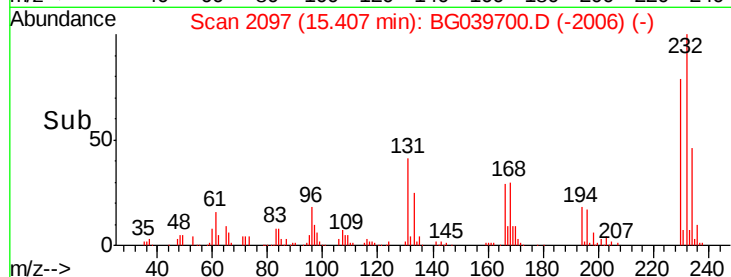
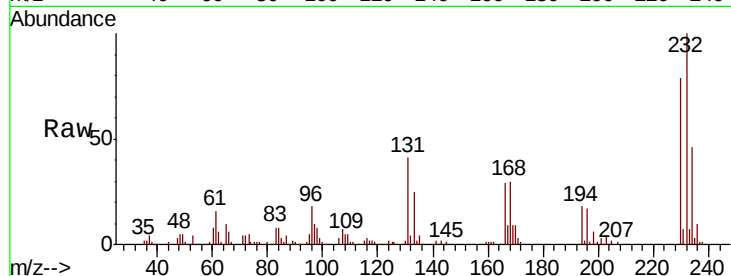




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.542 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. 0.01 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

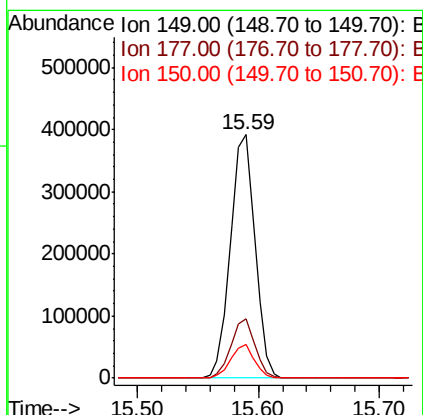
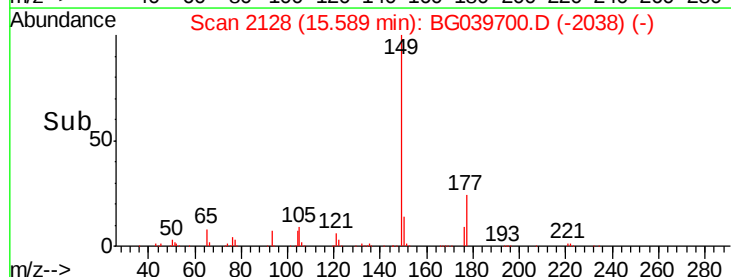
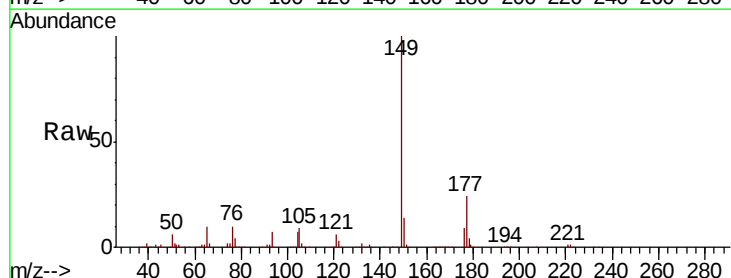
Instrument :
 BNA_G
 ClientSampleId :
 200051MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.9	34.9	52.3
130	2.4	2.0	3.0
166	28.9	24.1	36.1



#60
 Diethylphthalate
 Concen: 40.608 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	13.6	10.2	15.2

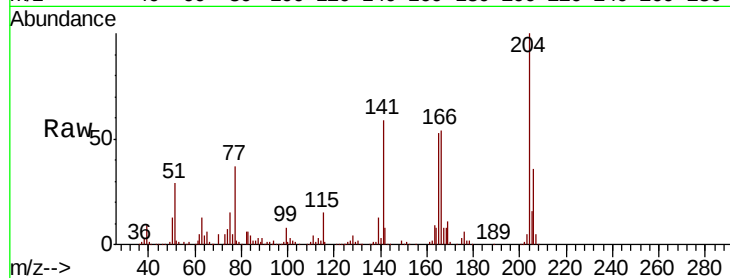




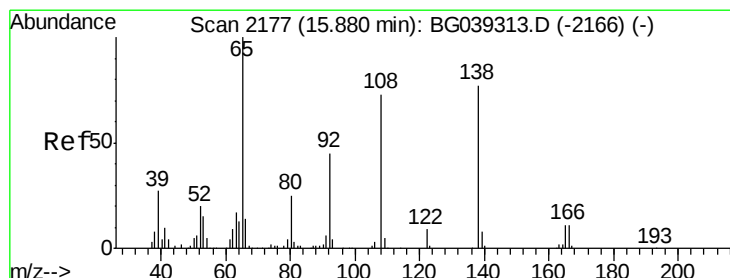
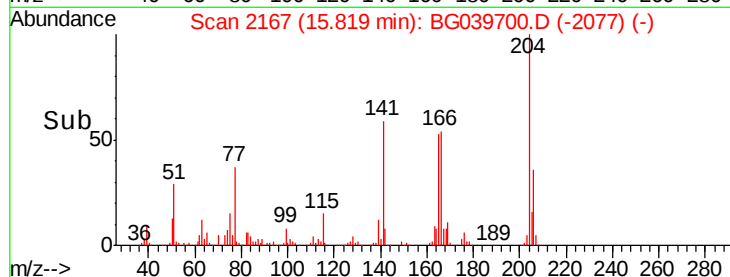
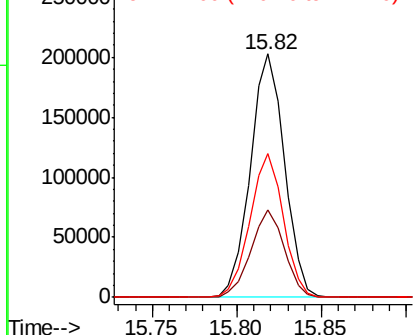
#61
4-Chlorophenyl-phenylether
Concen: 41.730 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Instrument :
BNA_G
ClientSampleId :
200051MSD

Tot Ion:204 Resp: 285139
Ion Ratio Lower Upper
204 100
206 35.8 29.2 43.8
141 59.0 49.0 73.4

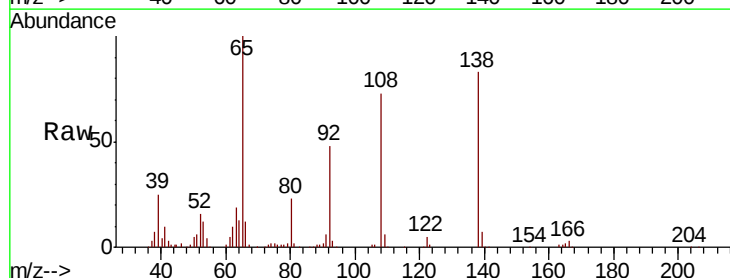


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

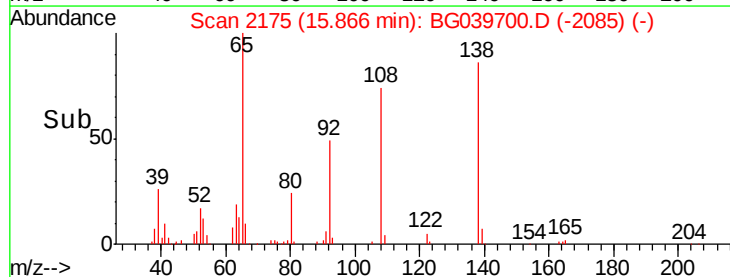
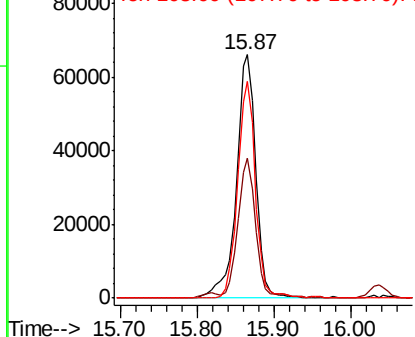


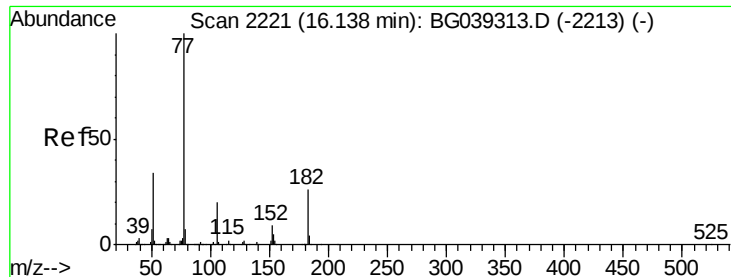
#62
4-Nitroaniline
Concen: 42.387 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion:138 Resp: 116720
Ion Ratio Lower Upper
138 100
92 57.7 38.7 78.7
108 88.8 74.6 114.6



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

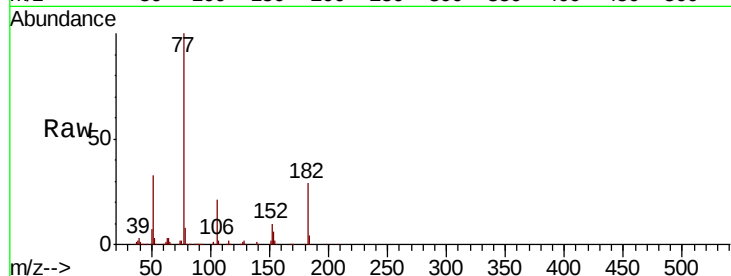




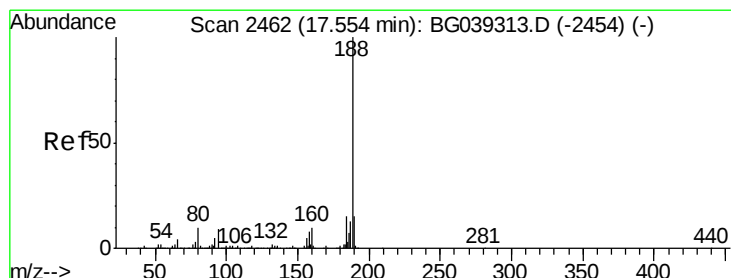
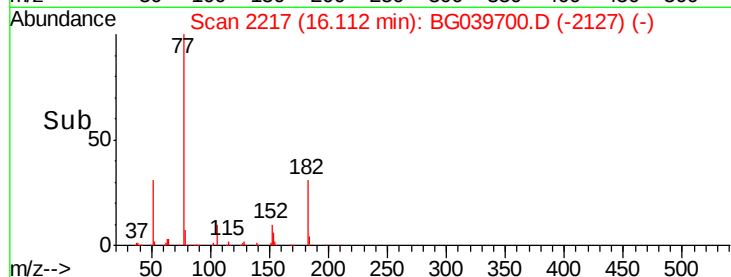
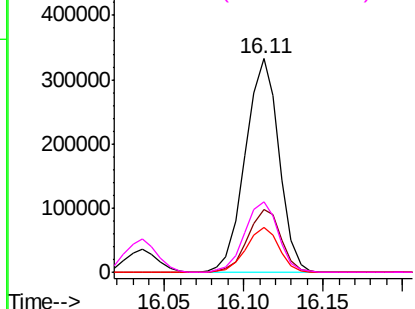
#63
Azobenzene
Concen: 36.361 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Instrument :
BNA_G
ClientSampleId :
200051MSD

Tot Ion: 77 Resp: 488743
Ion Ratio Lower Upper
77 100
182 29.3 6.4 46.4
105 20.8 0.0 39.8
51 32.8 14.1 54.1

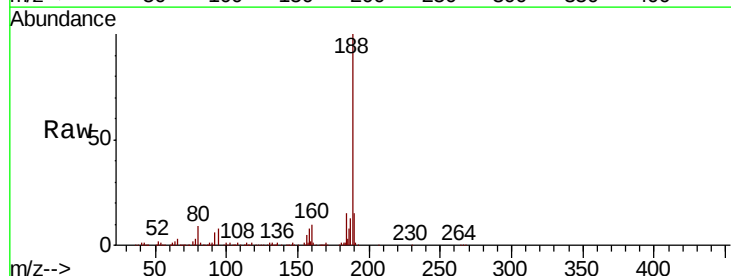


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

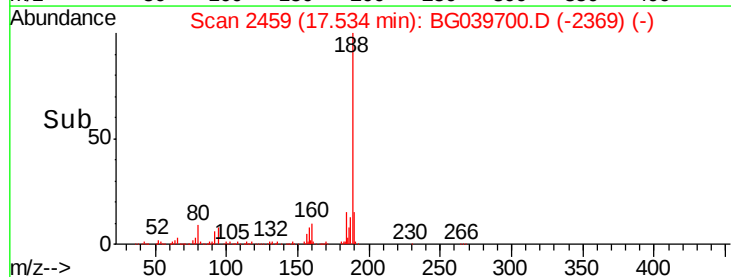
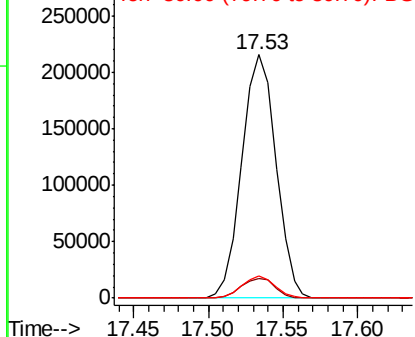


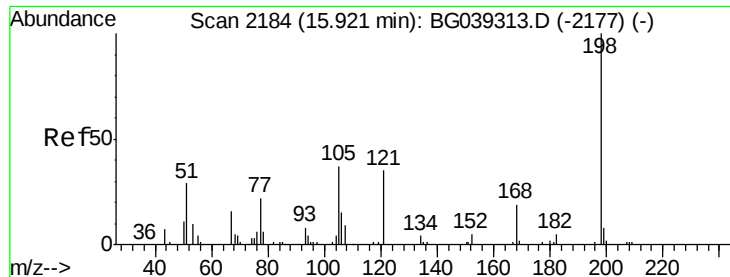
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion: 188 Resp: 342306
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.3 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: 51.588 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

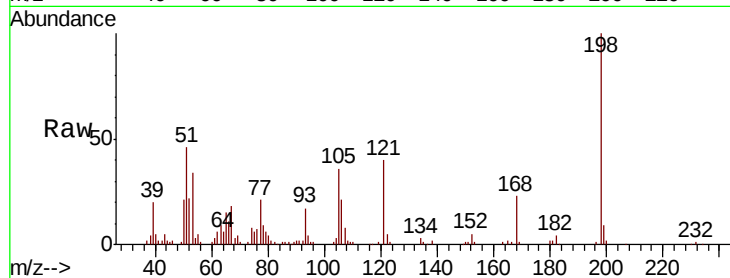
BNA_G

ClientSampleId :

200051MSD

Tot Ion:198 Resp: 71675

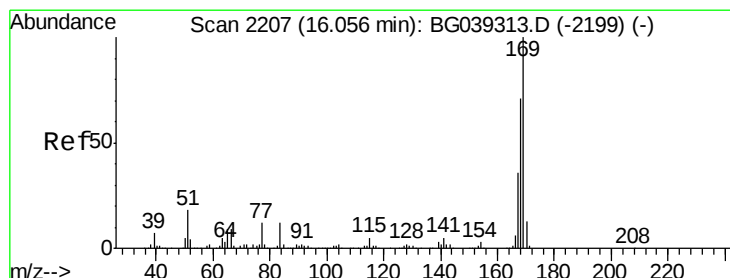
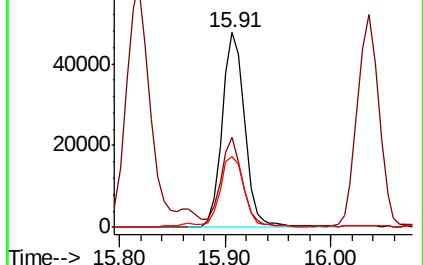
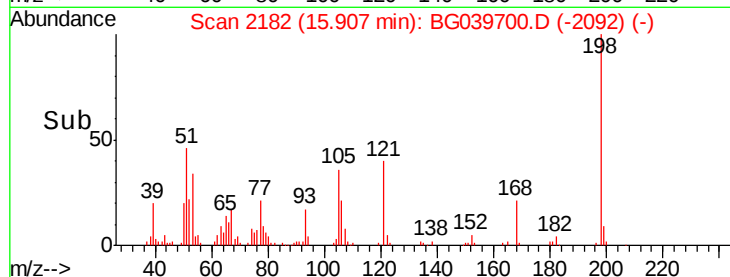
Ion	Ratio	Lower	Upper
198	100		
51	46.1	27.4	67.4
105	36.5	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.034 ng

RT: 16.04 min Scan# 2204

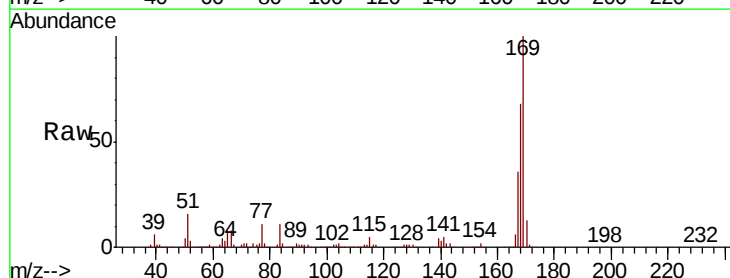
Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Tgt Ion:169 Resp: 468731

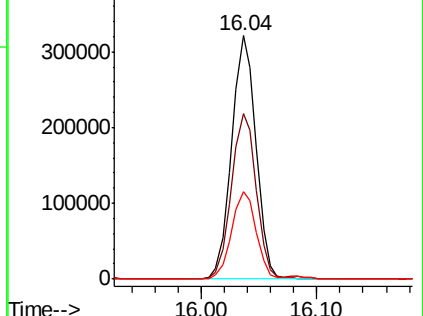
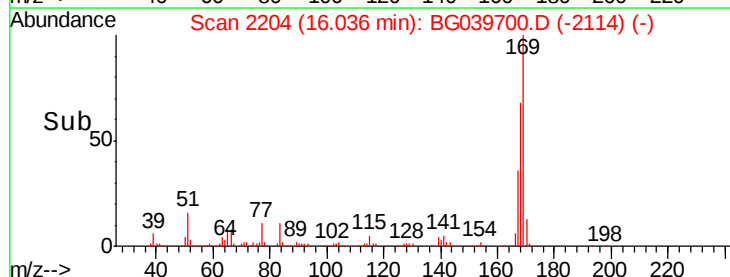
Ion	Ratio	Lower	Upper
169	100		
168	67.9	56.6	85.0
167	36.1	28.8	43.2

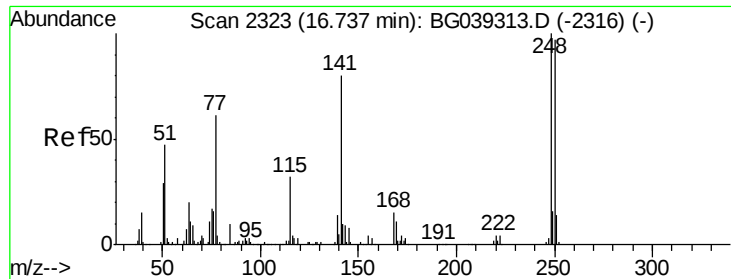


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

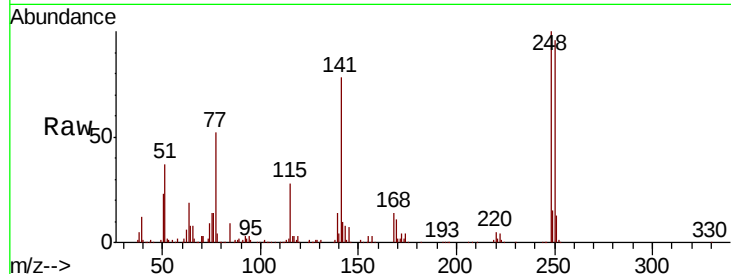




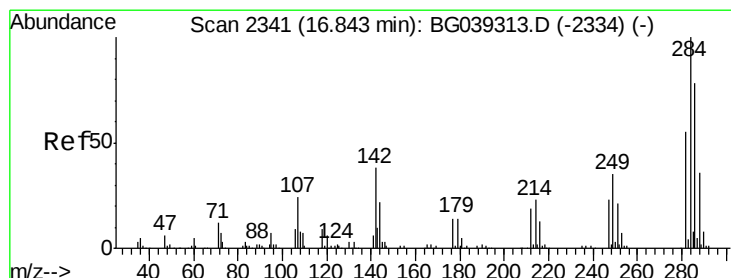
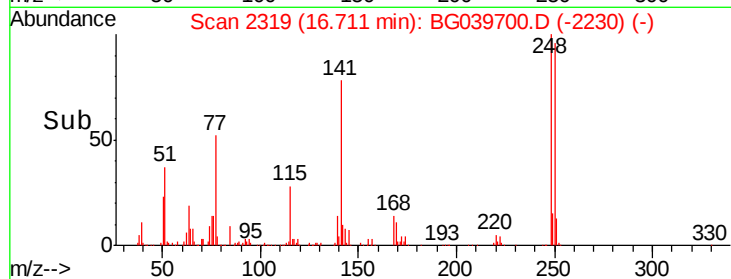
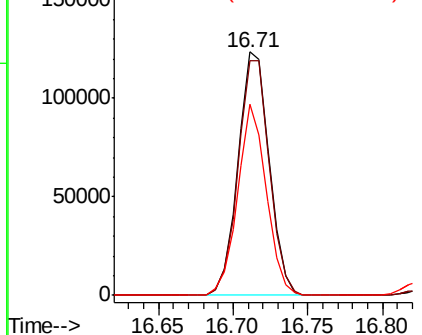
#67
 4-Bromophenyl-phenylether
 Concen: 47.009 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Instrument :
 BNA_G
 ClientSampleId :
 200051MSD

Tot Ion:248 Resp: 178516
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.6 116.4
 141 78.3 63.9 95.9

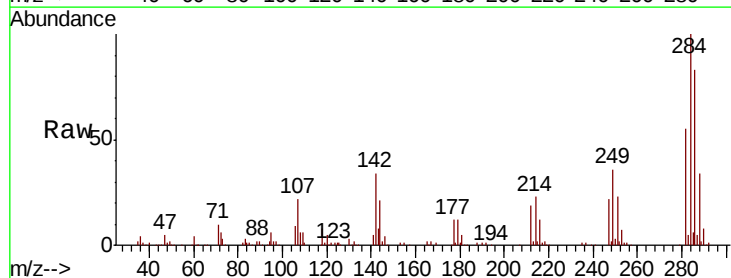


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

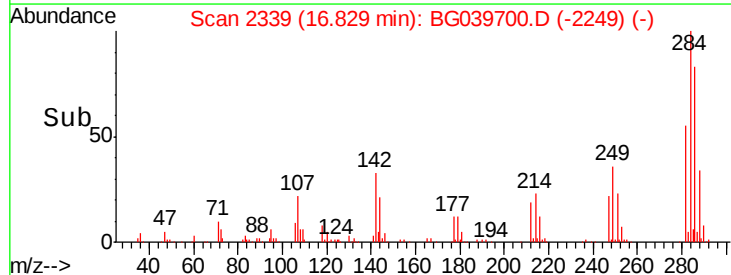
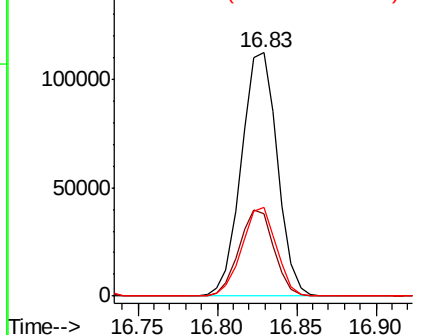


#68
 Hexachlorobenzene
 Concen: 46.538 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: BG039700.D
 Acq: 1 Mar 2019 23:36

Tgt Ion:284 Resp: 177312
 Ion Ratio Lower Upper
 284 100
 142 33.8 30.6 45.8
 249 36.3 28.2 42.2



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





#69

Atrazine

Concen: 41.106 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

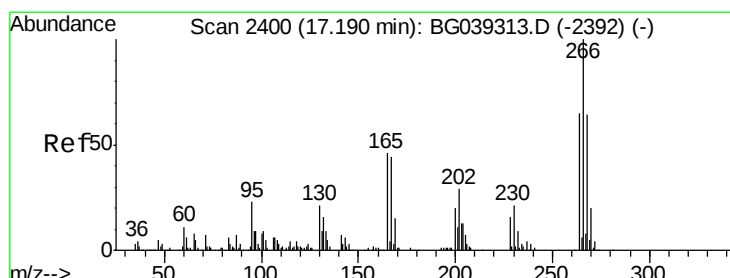
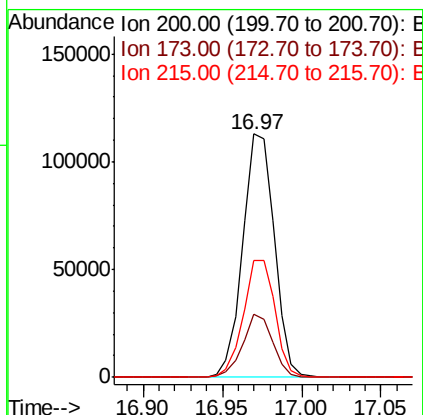
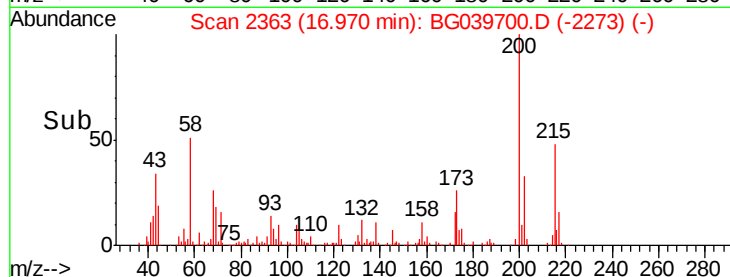
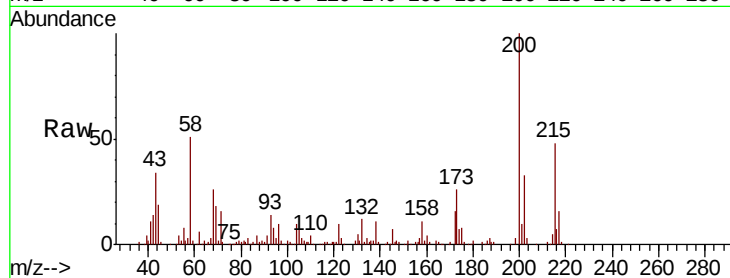
Tot Ion:200 Resp: 156351

Ion Ratio Lower Upper

200 100

173 26.1 3.9 43.9

215 48.1 30.9 70.9



#70

Pentachlorophenol

Concen: 72.150 ng

RT: 17.18 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

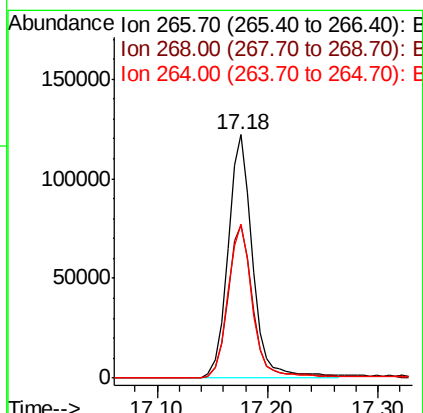
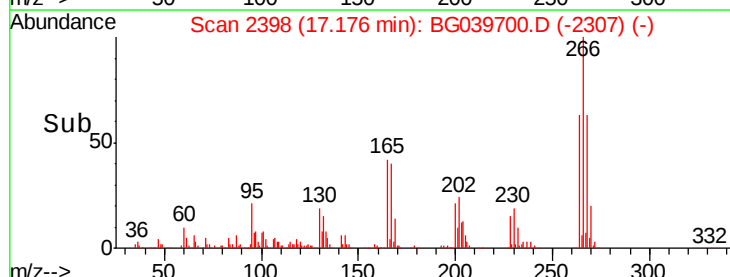
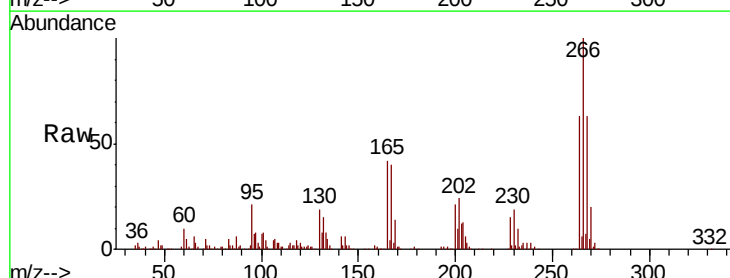
Tgt Ion:266 Resp: 191057

Ion Ratio Lower Upper

266 100

268 62.5 51.1 76.7

264 63.2 52.1 78.1





#71

Phenanthrene

Concen: 45.748 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

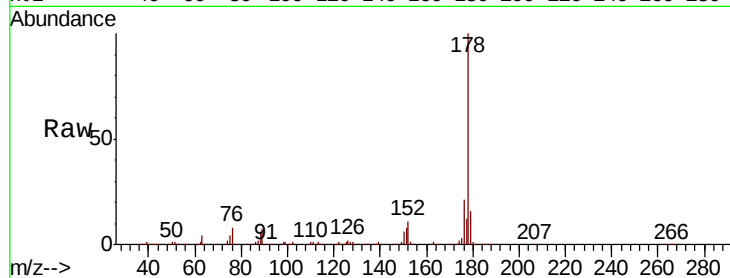
Tot Ion:178 Resp: 810505

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

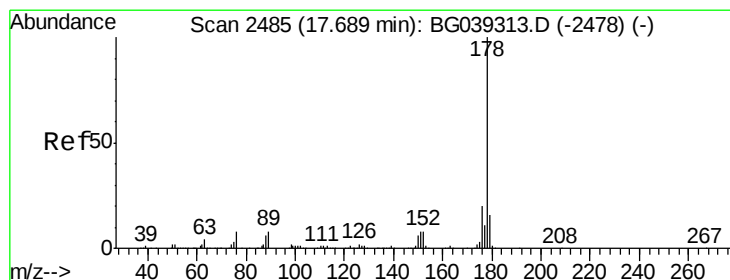
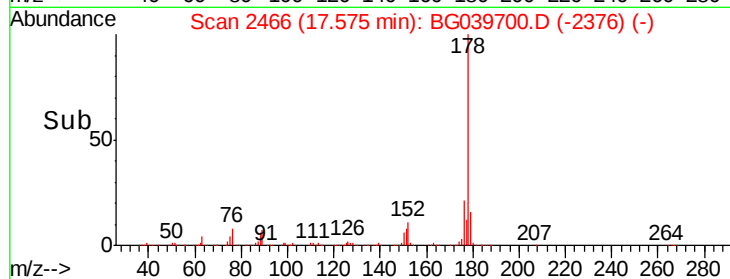
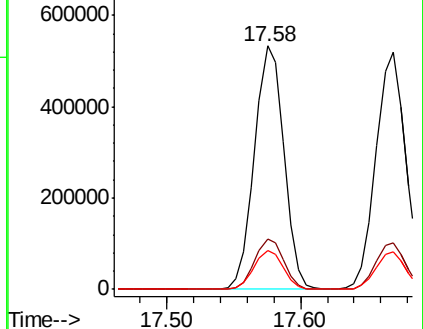
179 16.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.782 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

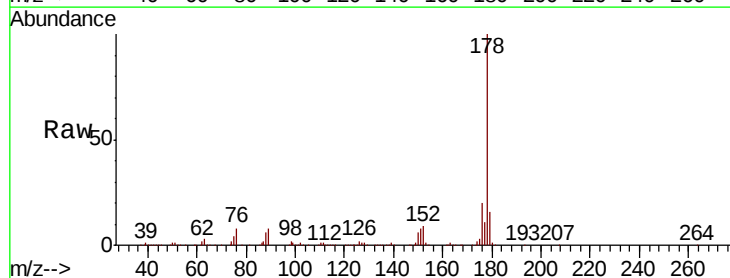
Tgt Ion:178 Resp: 798936

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

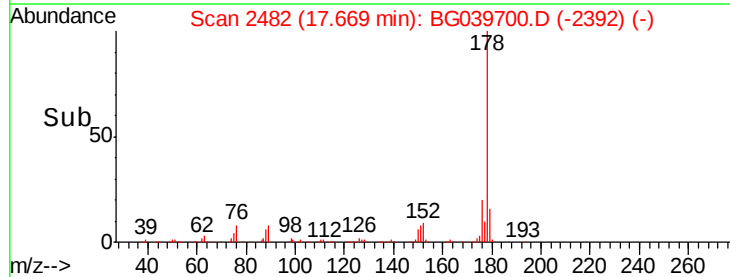
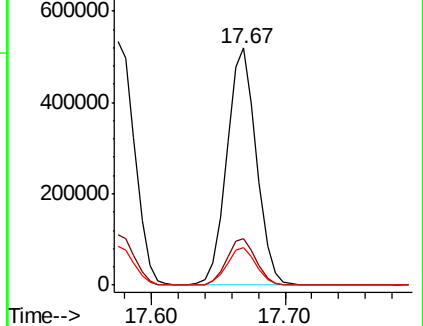
179 16.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.109 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

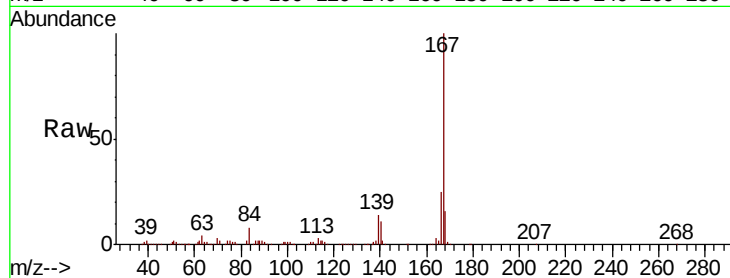
Tot Ion:167 Resp: 698540

Ion Ratio Lower Upper

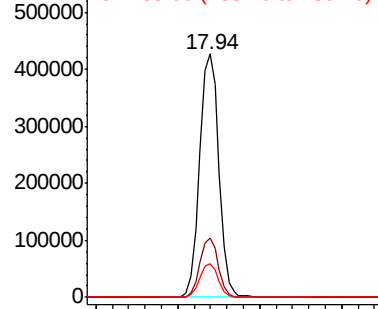
167 100

166 24.6 19.4 29.2

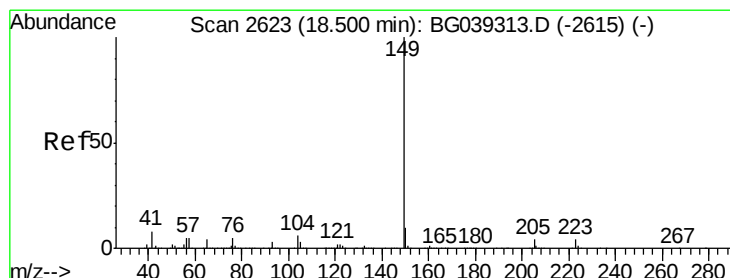
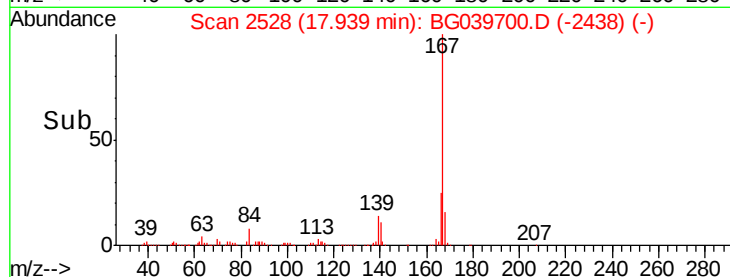
139 13.8 10.8 16.2



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



Time--> 17.80 17.90 18.00 18.10



#74

Di-n-butylphthalate

Concen: 40.494 ng

RT: 18.47 min Scan# 2618

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

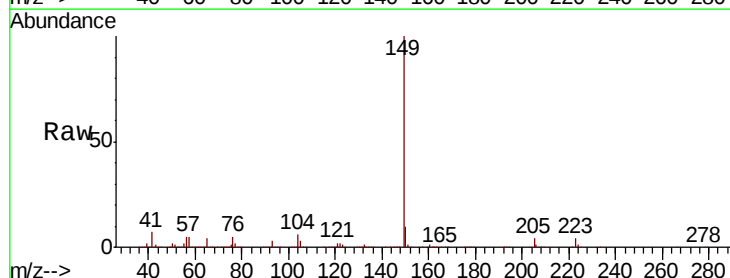
Tgt Ion:149 Resp: 822749

Ion Ratio Lower Upper

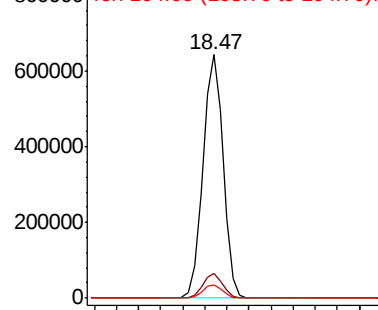
149 100

150 10.1 7.7 11.5

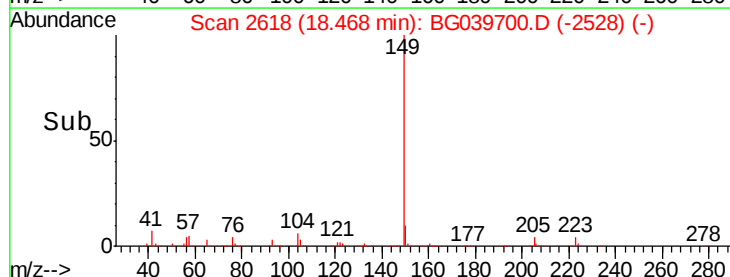
104 5.6 4.5 6.7



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



Time--> 18.40 18.50 18.60





#75

Fluoranthene

Concen: 44.778 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

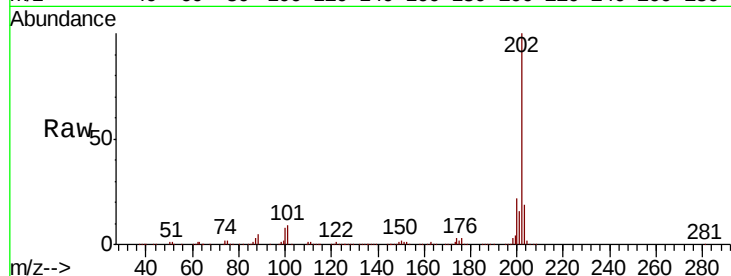
Tot Ion:202 Resp: 920792

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

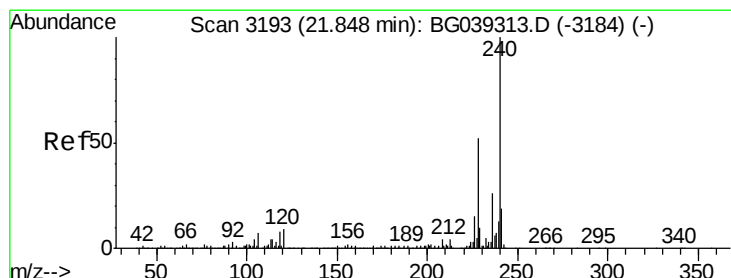
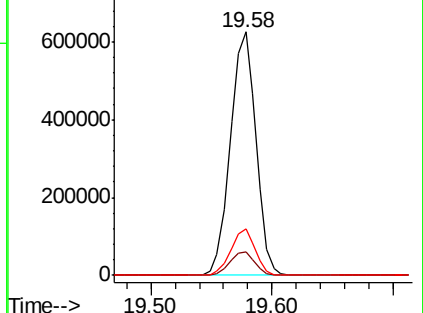
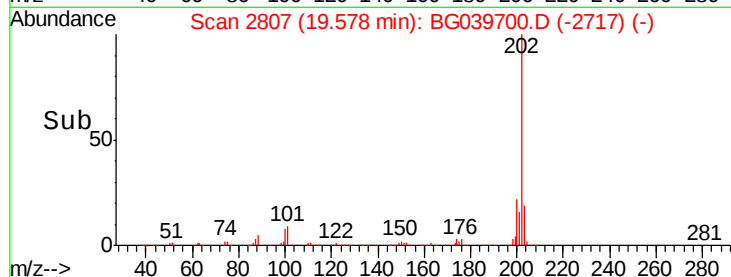
203 19.1 0.0 38.9



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: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

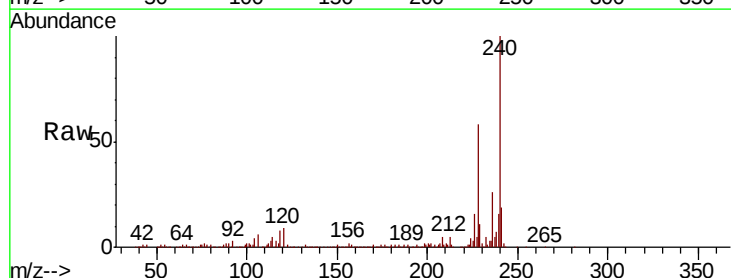
Tgt Ion:240 Resp: 341242

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

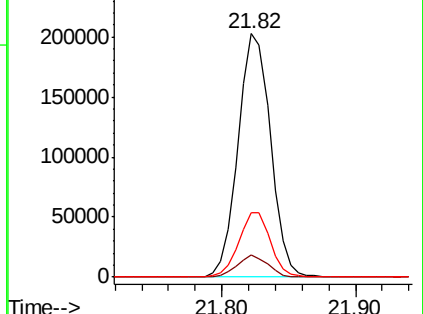
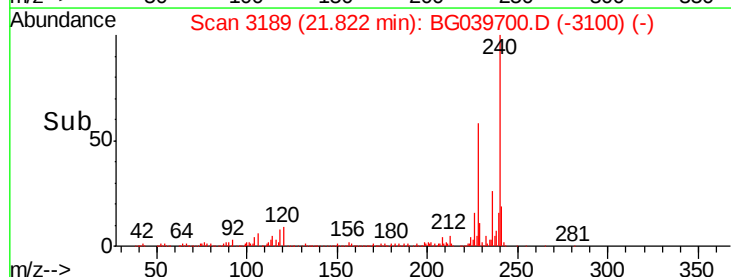
236 26.5 21.0 31.4

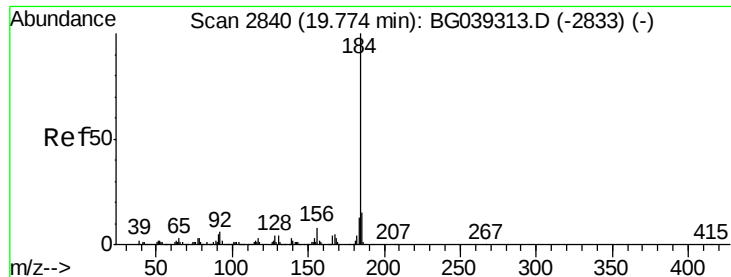


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.259 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

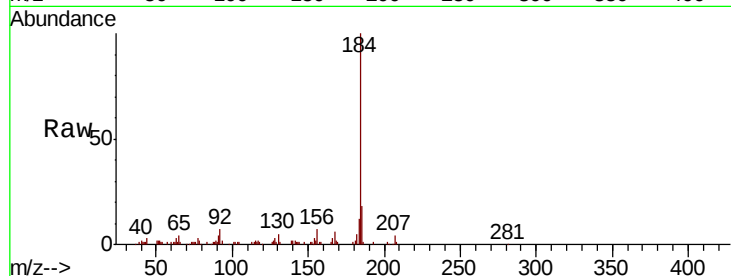
Tot Ion:184 Resp: 70026

Ion Ratio Lower Upper

184 100

185 17.8 12.2 18.2

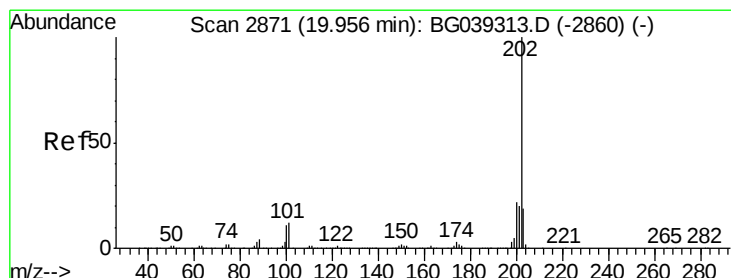
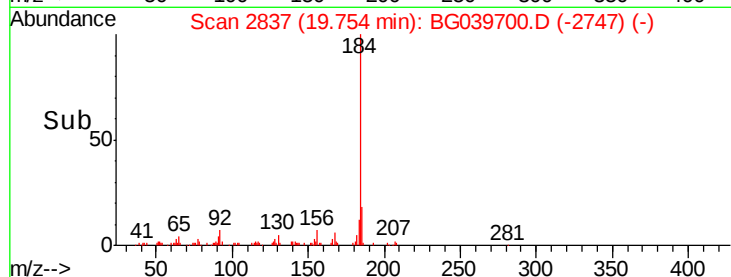
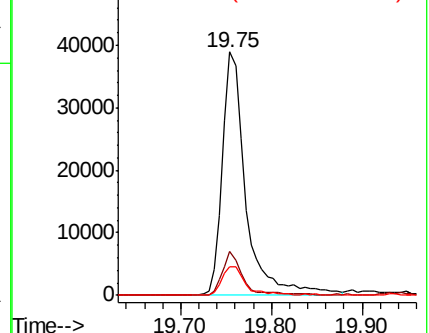
183 11.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.941 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

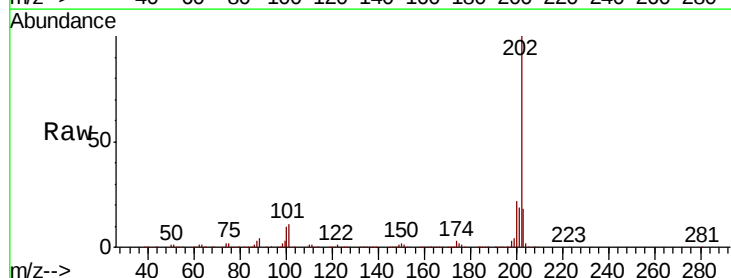
Tgt Ion:202 Resp: 933445

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.8

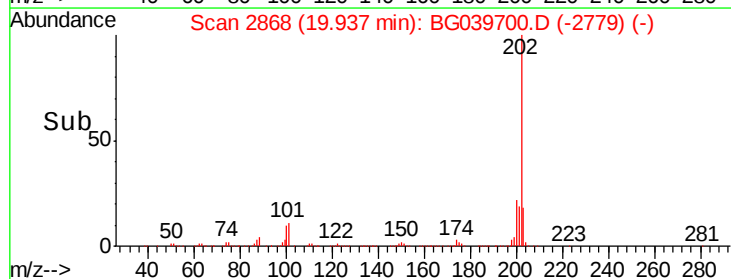
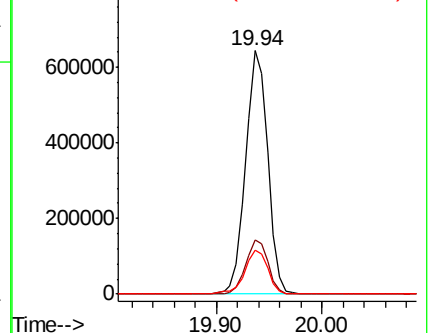
203 18.0 15.3 22.9



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: 85.450 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

Tot Ion:244 Resp: 1377587

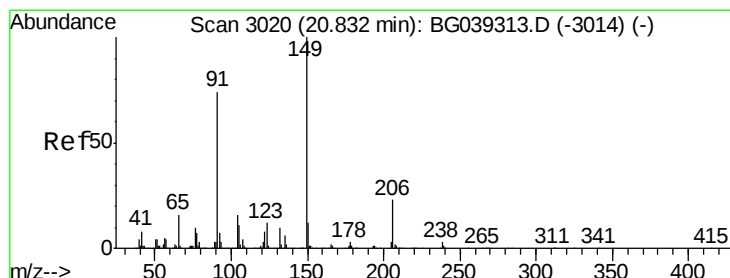
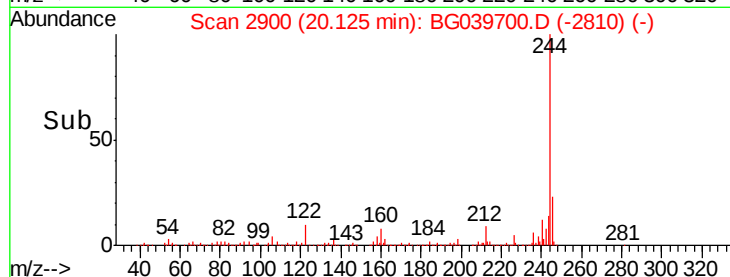
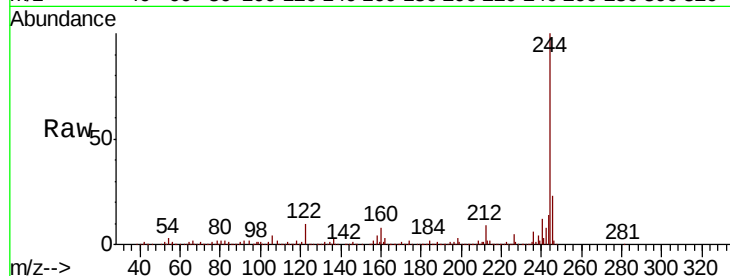
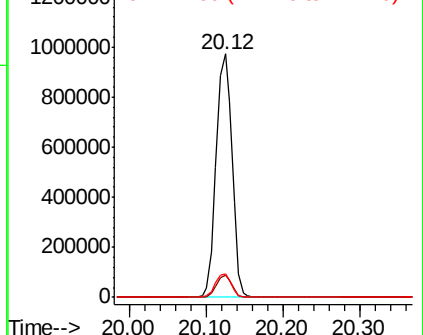
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.5	8.4	12.6

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: 44.726 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Tgt Ion:149 Resp: 400799

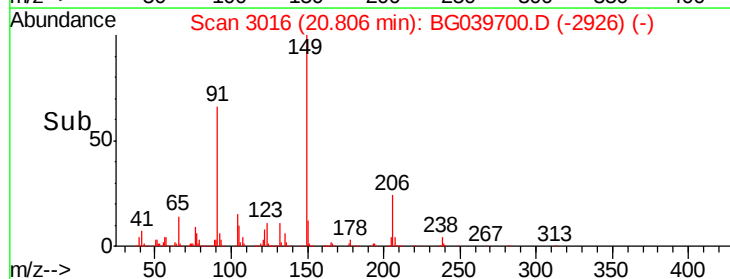
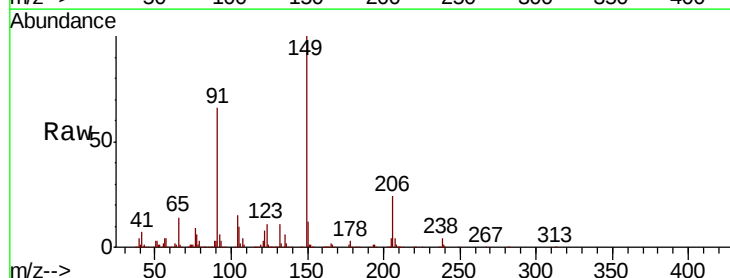
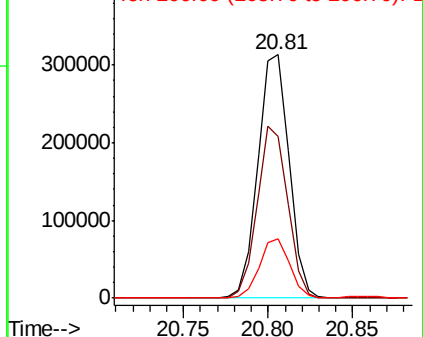
Ion	Ratio	Lower	Upper
149	100		
91	66.4	59.5	89.3
206	24.3	18.6	27.8

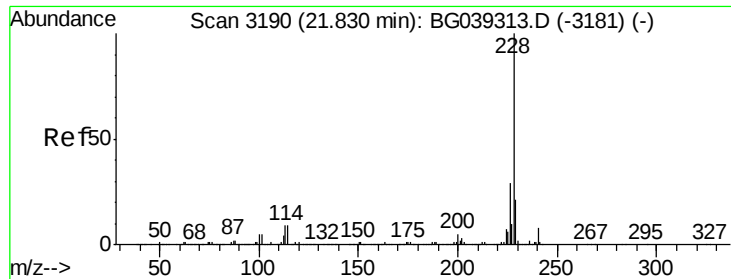
Abundance

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

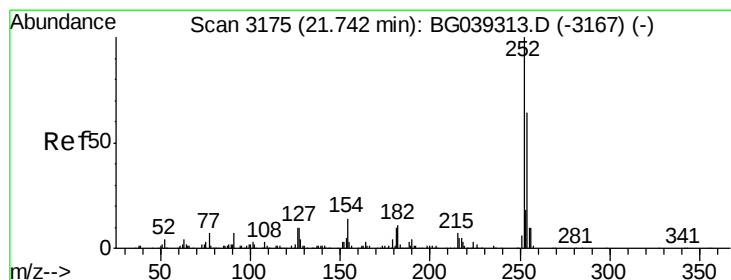
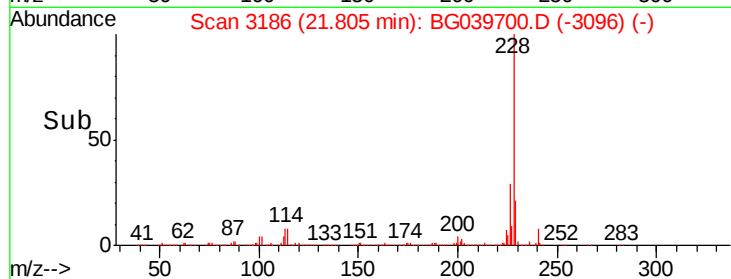
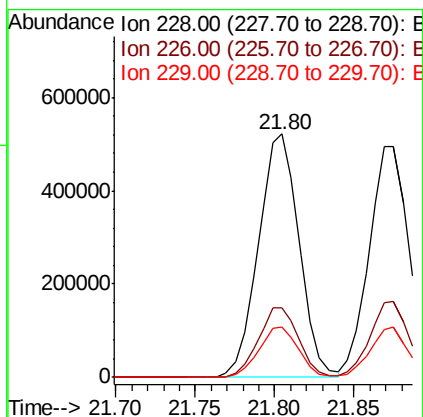
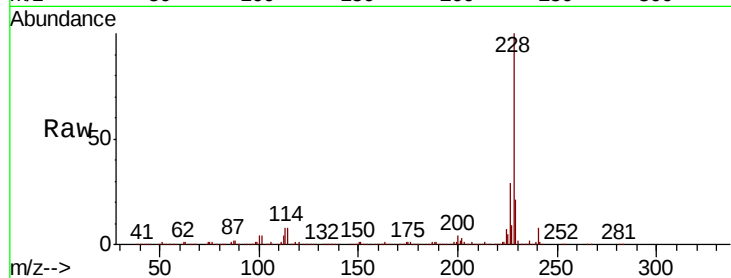




#81
Benzo(a)anthracene
Concen: 45.943 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

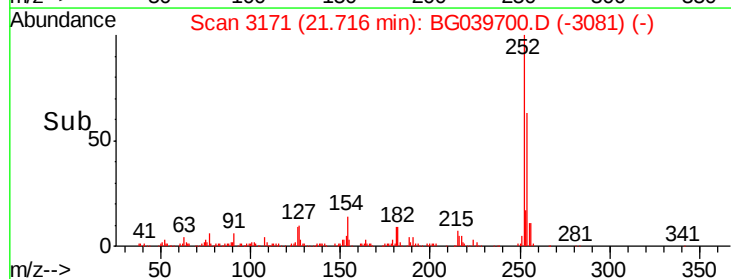
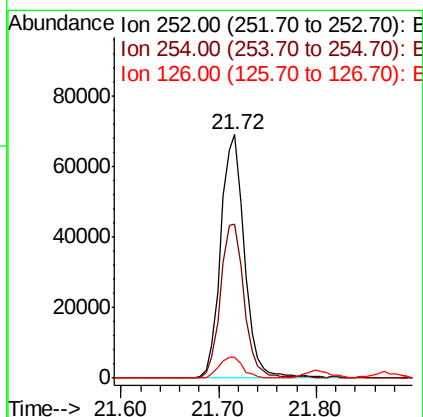
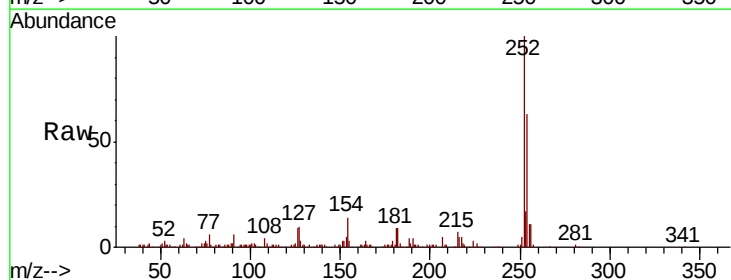
Instrument :
BNA_G
ClientSampleId :
200051MSD

Tot Ion:228 Resp: 926380
Ion Ratio Lower Upper
228 100
226 28.6 23.0 34.6
229 20.7 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 15.495 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion:252 Resp: 115852
Ion Ratio Lower Upper
252 100
254 63.2 51.3 76.9
126 8.7 8.0 12.0





#83

Chrysene

Concen: 45.005 ng

RT: 21.88 min Scan# 3198

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

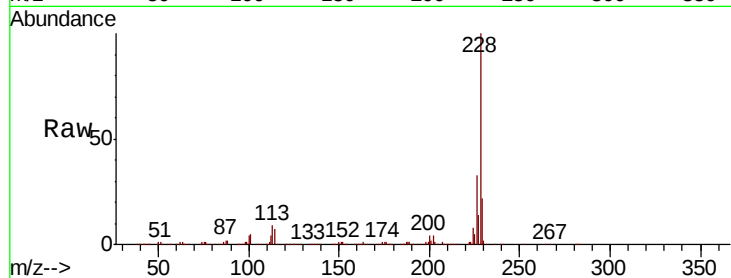
BNA_G

ClientSampleId :

200051MSD

Tot Ion:228 Resp: 863864

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.8	38.6
229	21.5	16.6	25.0

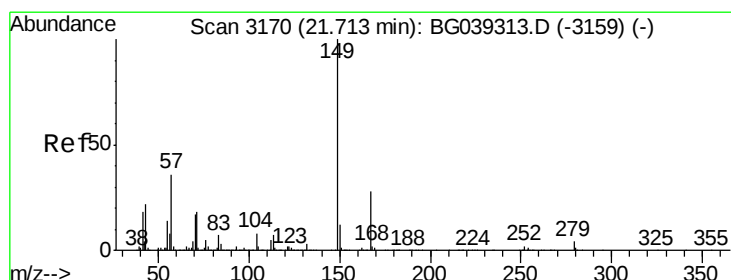
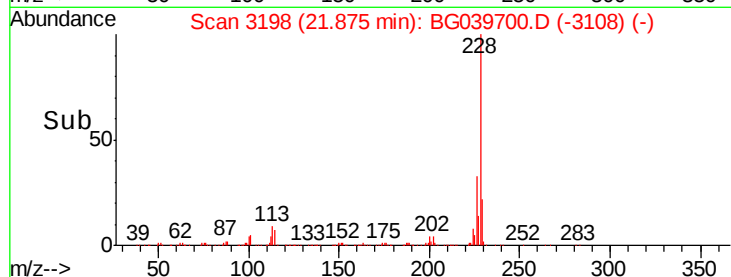
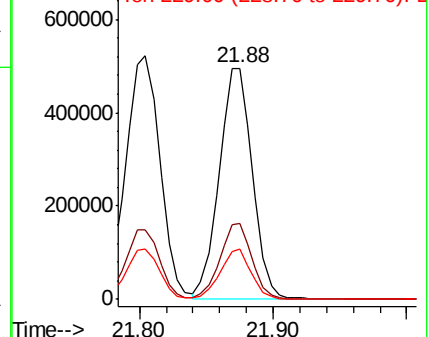


Abundance

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: 43.898 ng

RT: 21.66 min Scan# 3162

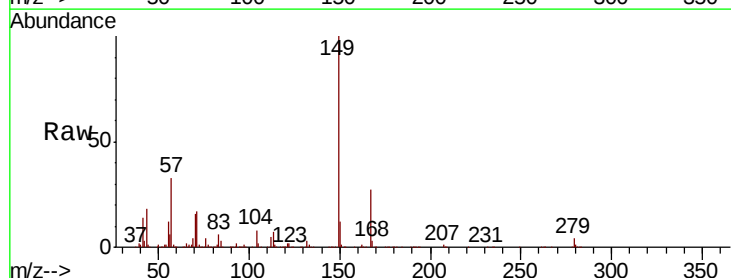
Delta R.T. -0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Tgt Ion:149 Resp: 561211

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.6	34.0
279	4.5	3.5	5.3

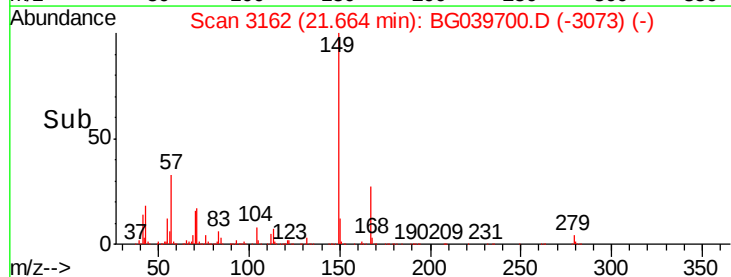
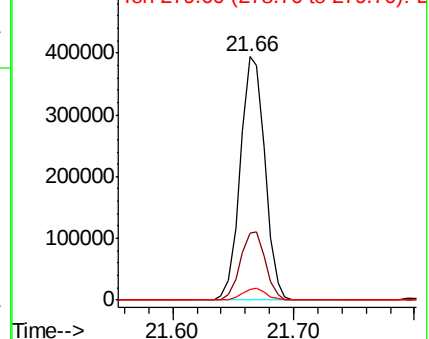


Abundance

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: 45.046 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

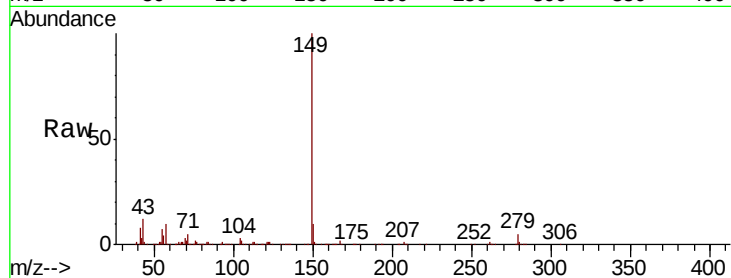
Tot Ion:149 Resp: 951425

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

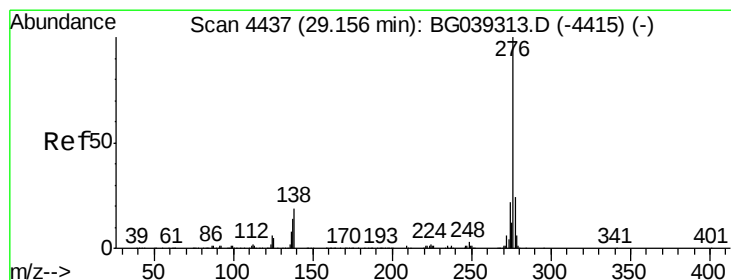
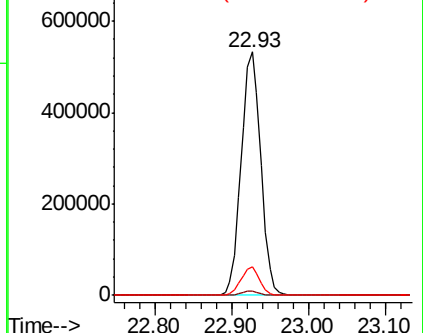
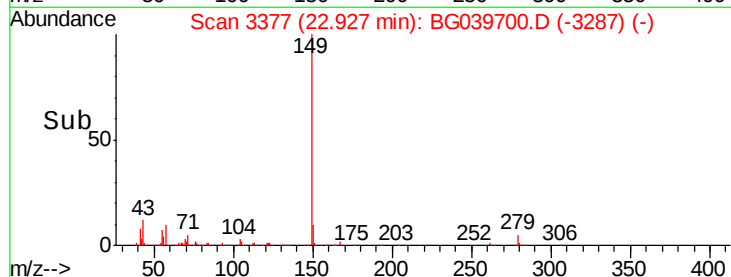
43 11.1 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.515 ng

RT: 29.08 min Scan# 4425

Delta R.T. -0.01 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

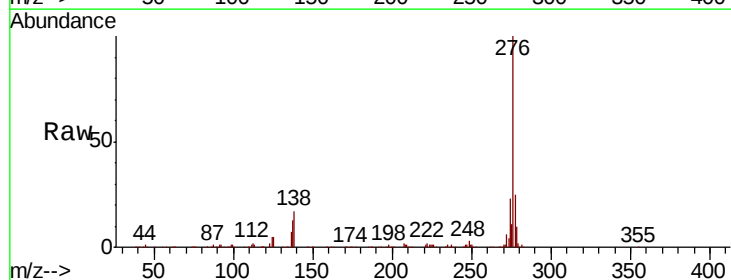
Tgt Ion:276 Resp: 978542

Ion Ratio Lower Upper

276 100

138 14.3 12.6 19.0

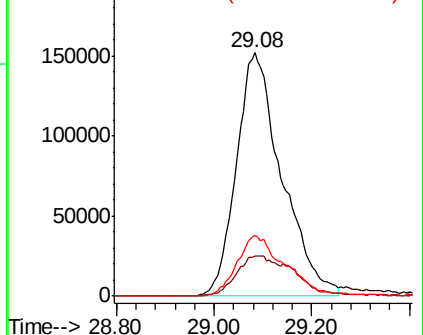
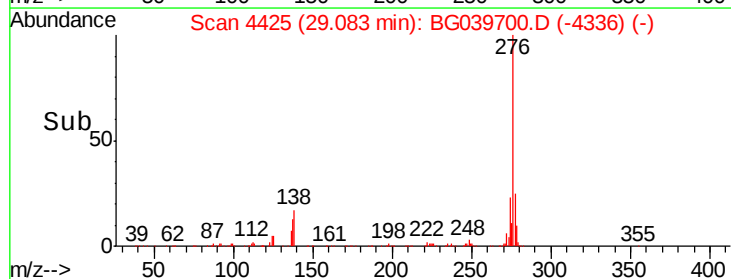
277 25.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

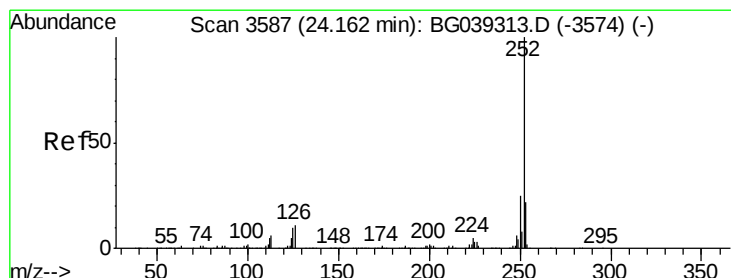
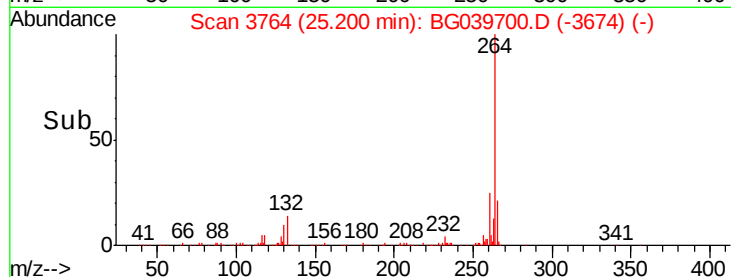
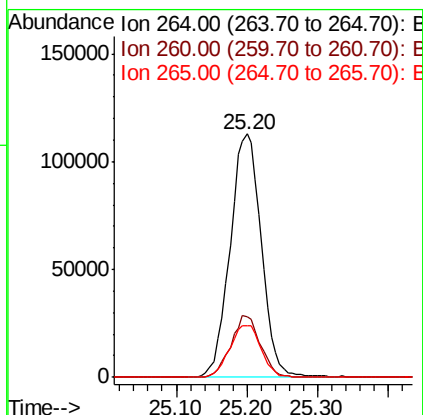
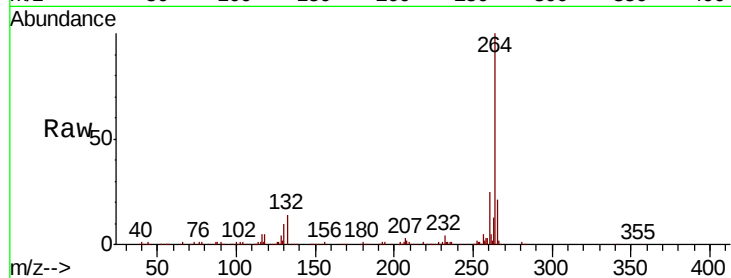




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

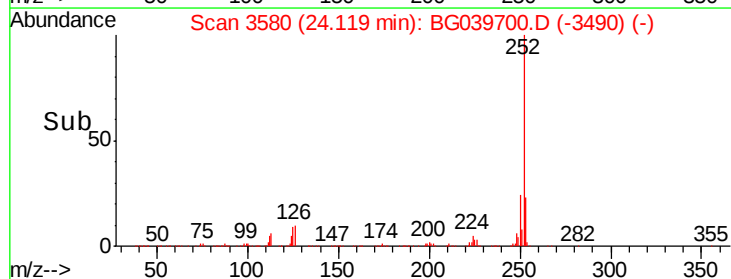
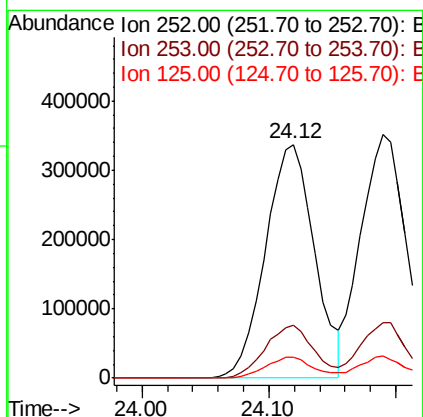
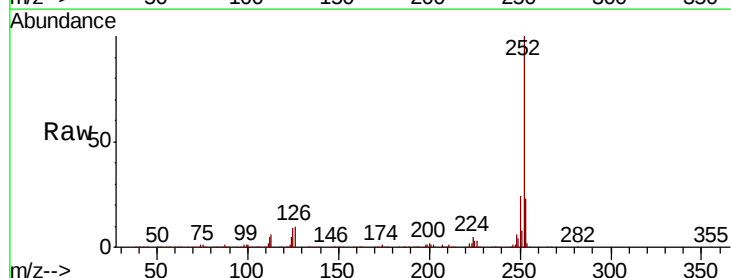
Instrument :
BNA_G
ClientSampleId :
200051MSD

Tot Ion:264 Resp: 346240
Ion Ratio Lower Upper
264 100
260 24.8 18.2 27.4
265 21.4 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 48.042 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion:252 Resp: 907144
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 8.7 7.8 11.6

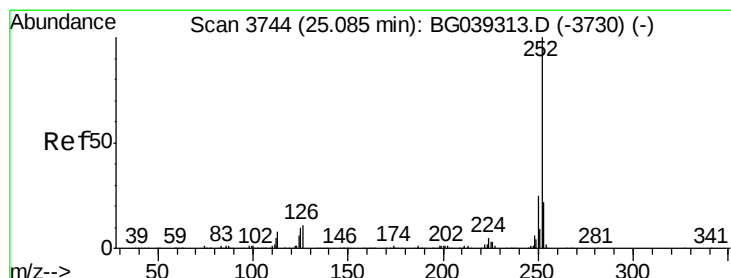
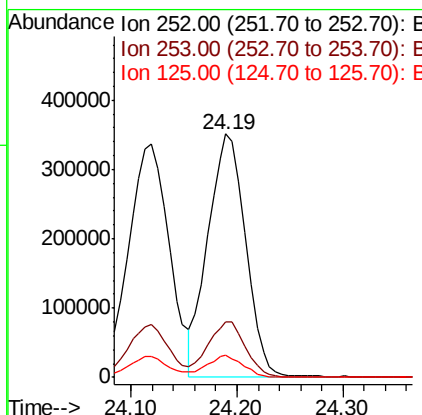
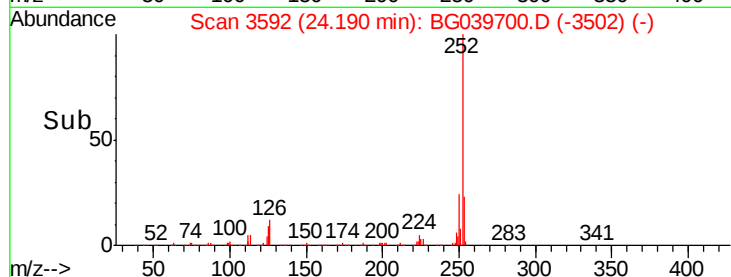
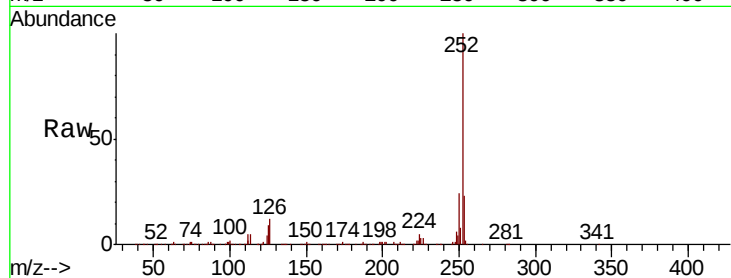




#89
Benzo(k)fluoranthene
Concen: 45.680 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

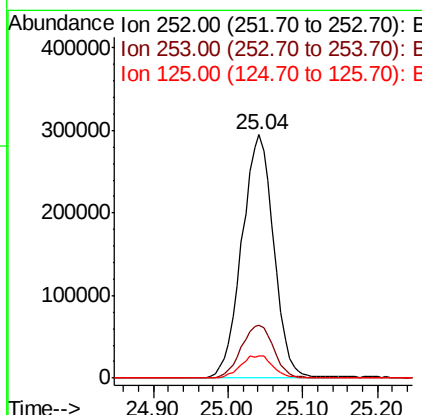
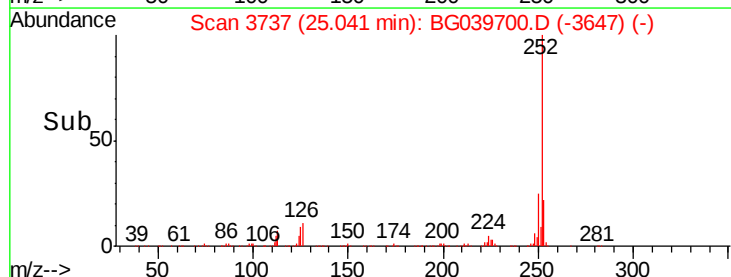
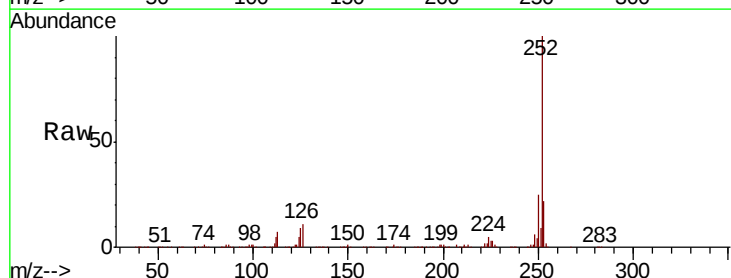
Instrument :
BNA_G
ClientSampleId :
200051MSD

Tot Ion:252 Resp: 865988
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 48.160 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG039700.D
Acq: 1 Mar 2019 23:36

Tgt Ion:252 Resp: 875790
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 8.9 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 46.370 ng

RT: 29.15 min Scan# 4437

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

Instrument :

BNA_G

ClientSampleId :

200051MSD

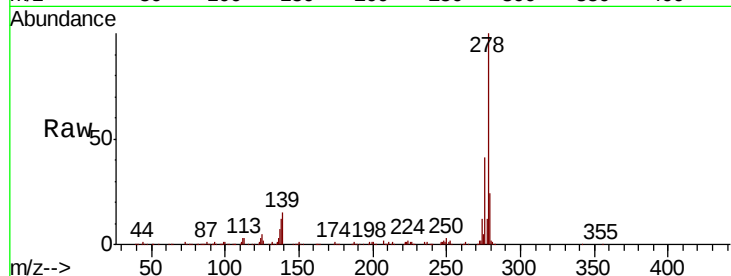
Tot Ion:278 Resp: 789693

Ion Ratio Lower Upper

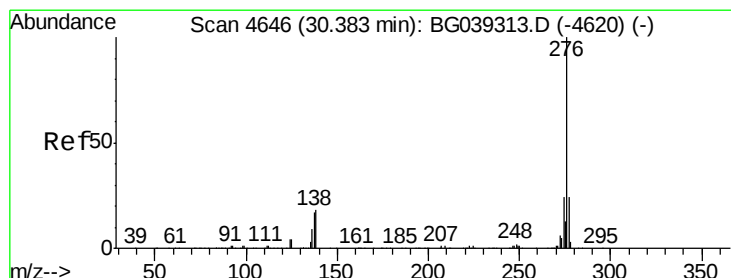
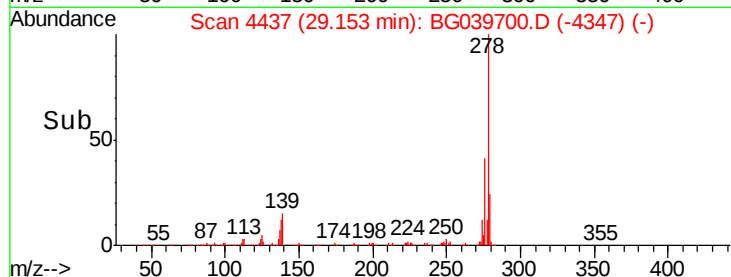
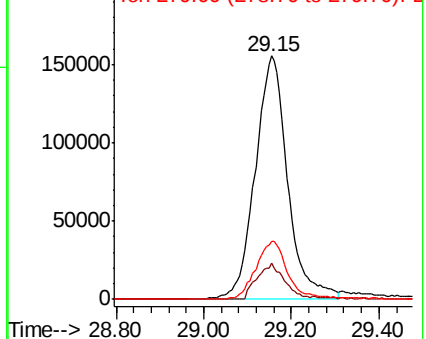
278 100

139 14.9 11.7 17.5

279 23.8 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: 46.614 ng

RT: 30.31 min Scan# 4634

Delta R.T. -0.00 min

Lab File: BG039700.D

Acq: 1 Mar 2019 23:36

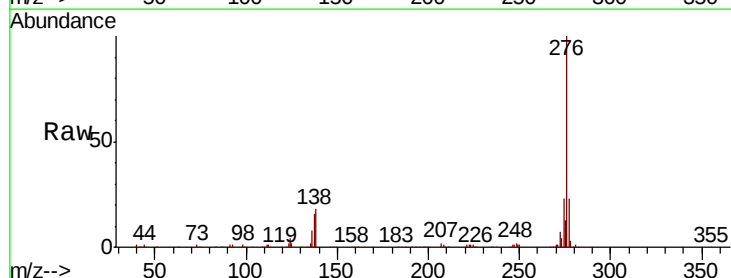
Tgt Ion:276 Resp: 791264

Ion Ratio Lower Upper

276 100

277 23.3 19.6 29.4

138 17.5 14.7 22.1



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

