

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020819\
 Data File : BG039425.D
 Acq On : 8 Feb 2019 21:12
 Operator : JU/SJ
 Sample : PB116948BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

Quant Time: Feb 08 23:36:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	50328	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	219190	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	141001	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	345074	20.00	ng	-0.01
76) Chrysene-d12	21.84	240	366208	20.00	ng	-0.01
87) Perylene-d12	25.22	264	378861	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	473734	161.10	ng	0.00
7) Phenol-d6	7.31	99	668500	154.44	ng	0.00
23) Nitrobenzene-d5	9.35	82	319089	90.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	244687	161.15	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	778644	79.22	ng	-0.01
79) Terphenyl-d14	20.13	244	1369647	79.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	47873	37.218	ng	93
3) Pyridine	4.00	79	129284	37.963	ng	96
4) n-Nitrosodimethylamine	3.93	42	70746	41.538	ng	85
6) Aniline	7.50	93	165292	30.487	ng	98
8) 2-Chlorophenol	7.73	128	144091	44.828	ng	99
9) Benzaldehyde	7.31	77	75935	33.527	ng	97
10) Phenol	7.34	94	201750	44.714	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	140548	39.420	ng	98
12) 1,3-Dichlorobenzene	8.06	146	152764	39.232	ng	99
13) 1,4-Dichlorobenzene	8.21	146	158624	40.871	ng	96
14) 1,2-Dichlorobenzene	8.53	146	149540	39.801	ng	98
15) Benzyl Alcohol	8.41	79	138049	40.624	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	277524	34.469	ng	99
17) 2-Methylphenol	8.60	107	130671	44.752	ng	98
18) Hexachloroethane	9.26	117	55454	41.530	ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	113171	36.838	ng	95
20) 3+4-Methylphenols	8.93	107	177090	44.043	ng	96
22) Acetophenone	9.00	105	215850	36.661	ng	# 95
24) Nitrobenzene	9.39	77	168613	44.483	ng	95
25) Isophorone	9.91	82	316357	40.689	ng	99
26) 2-Nitrophenol	10.10	139	79478	52.099	ng	94
27) 2,4-Dimethylphenol	10.14	122	152162	48.379	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	195090	40.737	ng	99
29) 2,4-Dichlorophenol	10.63	162	158630	46.147	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	162422	42.086	ng	95
31) Naphthalene	11.04	128	457918	42.112	ng	99
32) Benzoic acid	10.26	122	80109	40.607	ng	97
33) 4-Chloroaniline	11.16	127	95658	18.973	ng	98
34) Hexachlorobutadiene	11.31	225	102412	39.903	ng	95
35) Caprolactam	11.94	113	35399	24.886	ng	90
36) 4-Chloro-3-methylphenol	12.25	107	166334	41.840	ng	99
37) 2-Methylnaphthalene	12.64	142	344385	42.761	ng	96
38) 1-Methylnaphthalene	12.85	142	329624	42.458	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	188007	41.907	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	254836	104.244	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	126359	45.809	ng	96
44) 2,4,5-Trichlorophenol	13.30	196	134616	46.564	ng	97
46) 1,1'-Biphenyl	13.64	154	459989	39.209	ng	100
47) 2-Chloronaphthalene	13.68	162	354004	40.112	ng	97
48) 2-Nitroaniline	13.89	65	115136	45.861	ng	98
49) Acenaphthylene	14.53	152	569618	42.774	ng	100
50) Dimethylphthalate	14.25	163	451558	39.653	ng	100
51) 2,6-Dinitrotoluene	14.38	165	100229	47.217	ng	94
52) Acenaphthene	14.86	154	345774	40.000	ng	97
53) 3-Nitroaniline	14.70	138	72000	33.361	ng	# 95
54) 2,4-Dinitrophenol	14.91	184	106710	100.644	ng	94
55) Dibenzofuran	15.20	168	554601	40.016	ng	99
56) 4-Nitrophenol	14.99	139	180429	87.076	ng	90
57) 2,4-Dinitrotoluene	15.16	165	142092	51.448	ng	# 84
58) Fluorene	15.84	166	442929	42.870	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	132892	49.094	ng	98
60) Diethylphthalate	15.60	149	459886	39.059	ng	98
61) 4-Chlorophenyl-phenylether	15.83	204	233652	39.939	ng	97
62) 4-Nitroaniline	15.87	138	109531	46.054	ng	95
63) Azobenzene	16.12	77	417841	36.308	ng	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	71439	51.177	ng	97
66) n-Nitrosodiphenylamine	16.04	169	408649	38.947	ng	96
67) 4-Bromophenyl-phenylether	16.73	248	152820	39.919	ng	94
68) Hexachlorobenzene	16.83	284	156927	40.857	ng	96
69) Atrazine	16.98	200	163286	42.585	ng	100
70) Pentachlorophenol	17.18	266	202656	75.917	ng	99
71) Phenanthrene	17.58	178	748046	41.884	ng	98
72) Anthracene	17.68	178	765914	43.537	ng	99
73) Carbazole	17.95	167	677152	38.569	ng	99
74) Di-n-butylphthalate	18.48	149	824302	40.245	ng	99
75) Fluoranthene	19.59	202	919352	44.349	ng	99
77) Benzidine	19.76	184	457652	38.118	ng	100
78) Pyrene	19.94	202	928474	40.727	ng	99
80) Butylbenzylphthalate	20.81	149	393056	40.872	ng	95
81) Benzo(a)anthracene	21.81	228	924997	42.747	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	195969	24.424	ng	99
83) Chrysene	21.88	228	858301	41.667	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	547174	39.882	ng	99
85) Di-n-octyl phthalate	22.95	149	934384	41.223	ng	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1031575	46.676	ng	97
88) Benzo(b)fluoranthene	24.13	252	912910	44.184	ng	97
89) Benzo(k)fluoranthene	24.20	252	872917	42.081	ng	100
90) Benzo(a)pyrene	25.06	252	885551	44.503	ng	99
91) Dibenzo(a,h)anthracene	29.18	278	826264	44.340	ng	99
92) Benzo(g,h,i)perylene	30.34	276	854998	46.032	ng	99

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

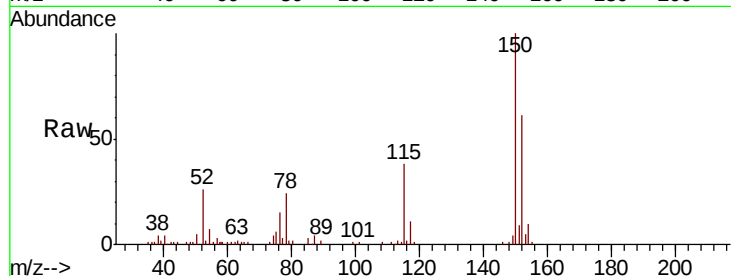


#1

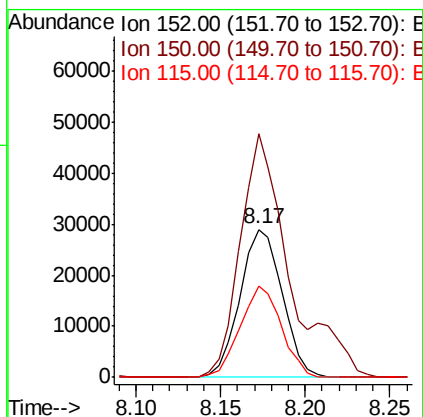
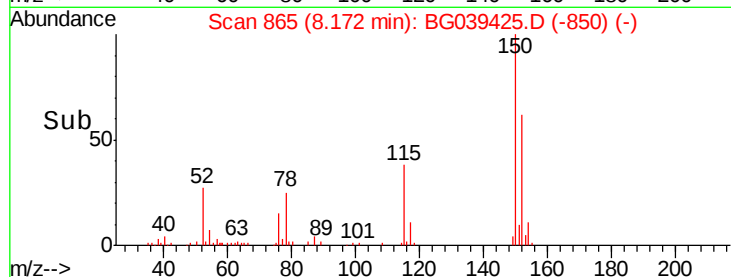
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

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ClientSampleId :
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Tgt Ion:152 Resp: 50328
Ion Ratio Lower Upper
152 100
150 164.7 123.7 185.5
115 62.2 45.9 68.9



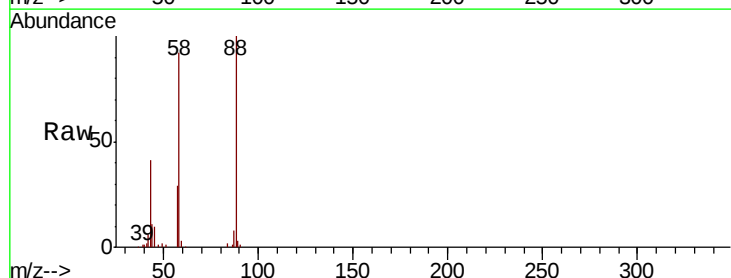
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



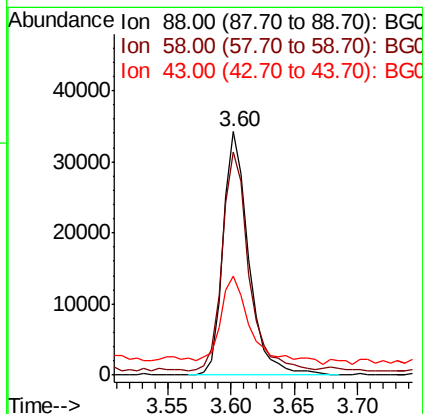
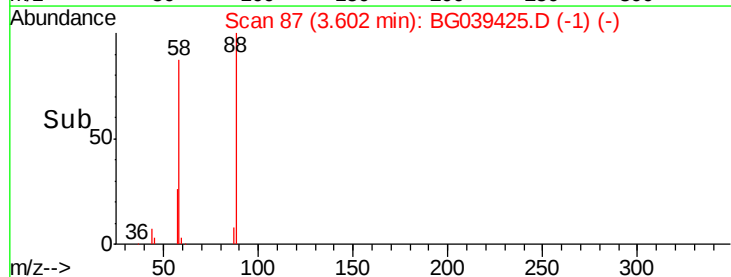
#2

1,4-Dioxane
Concen: 37.218 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion: 88 Resp: 47873
Ion Ratio Lower Upper
88 100
58 93.4 81.1 121.7
43 42.1 31.4 47.0



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





#3

Pyridine

Concen: 37.963 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

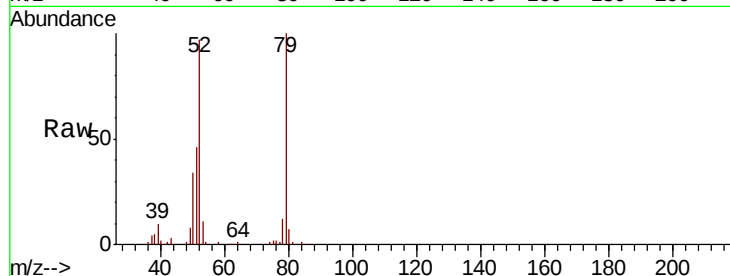
Tgt Ion: 79 Resp: 129284

Ion Ratio Lower Upper

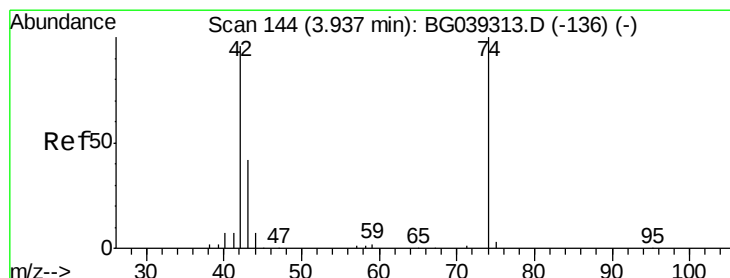
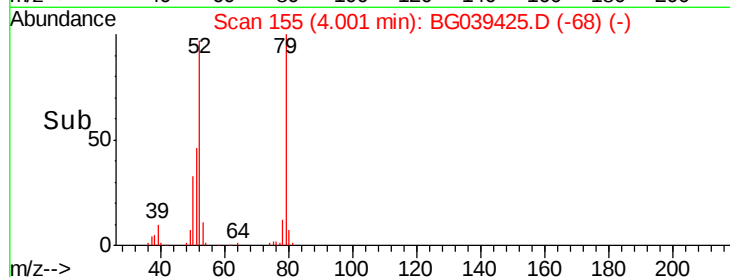
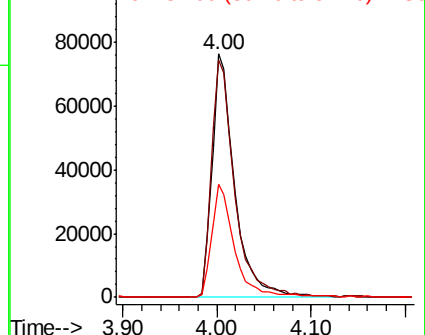
79 100

52 97.2 82.6 124.0

51 46.4 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.538 ng

RT: 3.93 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

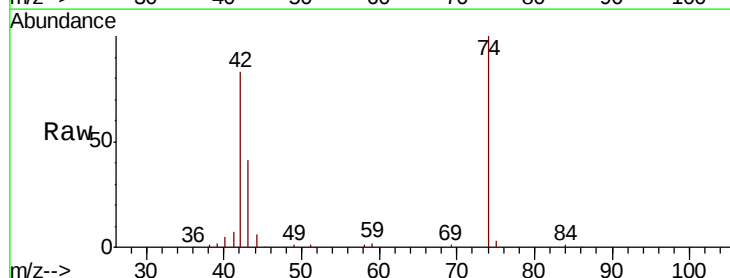
Tgt Ion: 42 Resp: 70746

Ion Ratio Lower Upper

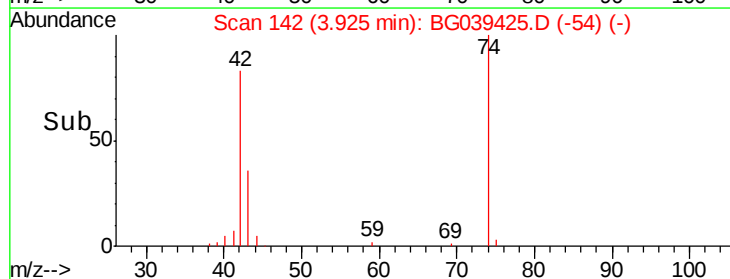
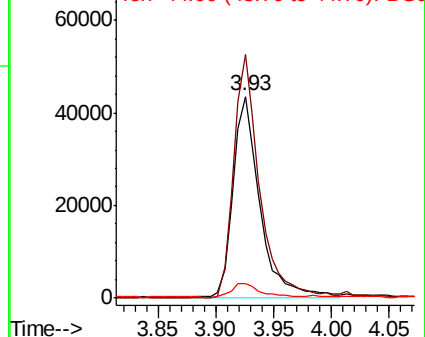
42 100

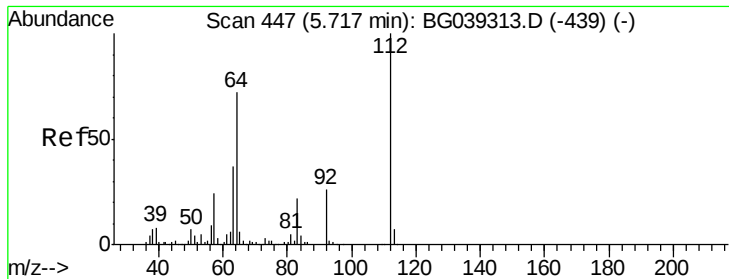
74 120.9 83.6 125.4

44 7.1 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 161.103 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039425.D

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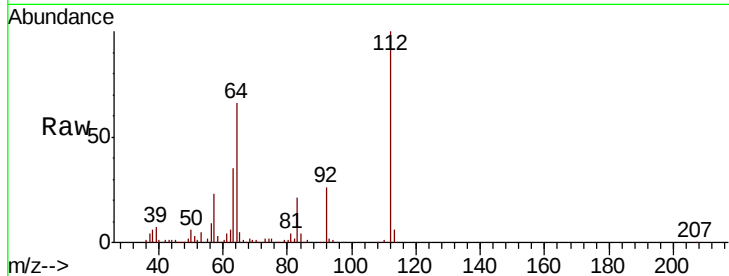
Tgt Ion: 112 Resp: 473734

Ion Ratio Lower Upper

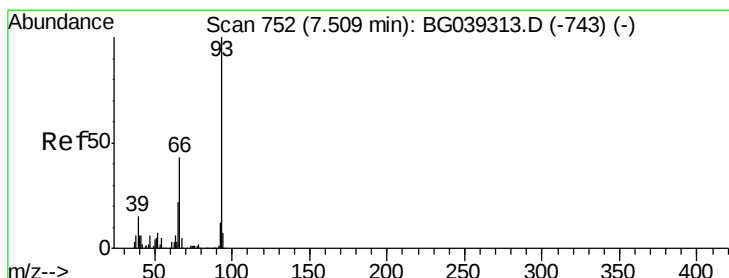
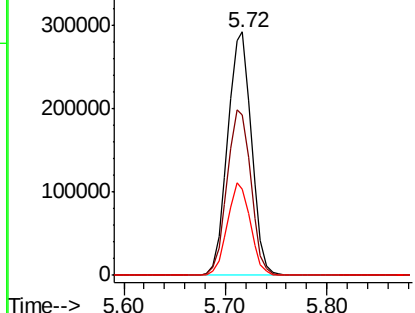
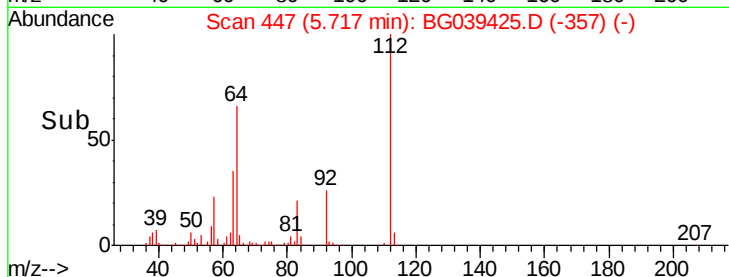
112 100

64 66.0 57.8 86.8

63 35.3 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: 30.487 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

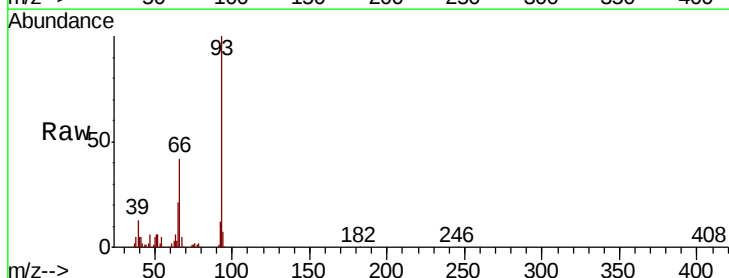
Tgt Ion: 93 Resp: 165292

Ion Ratio Lower Upper

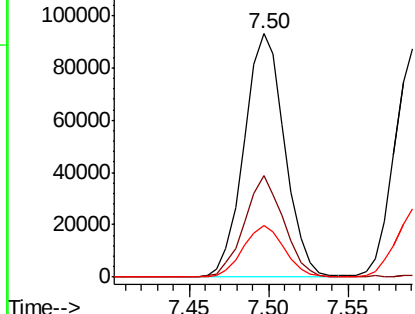
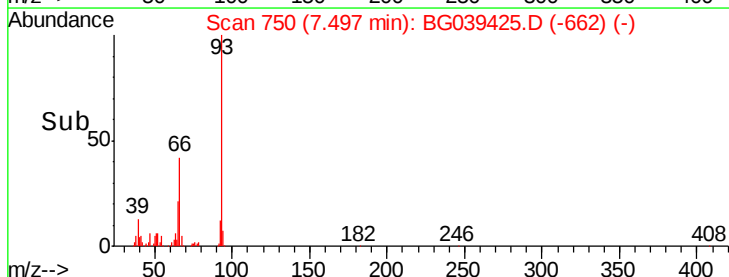
93 100

66 41.8 34.2 51.4

65 21.0 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: 154.444 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

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ClientSampleId :

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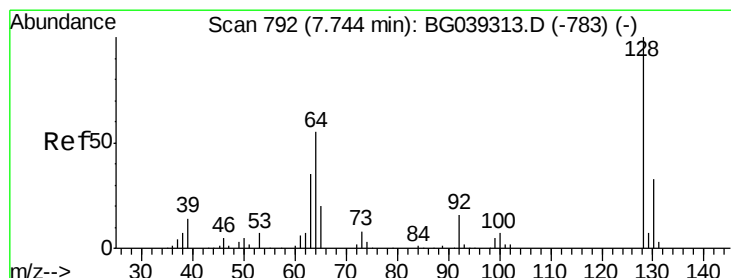
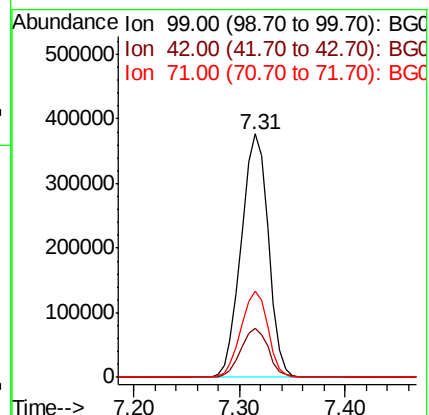
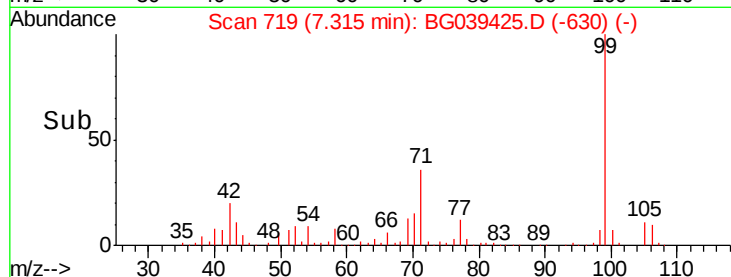
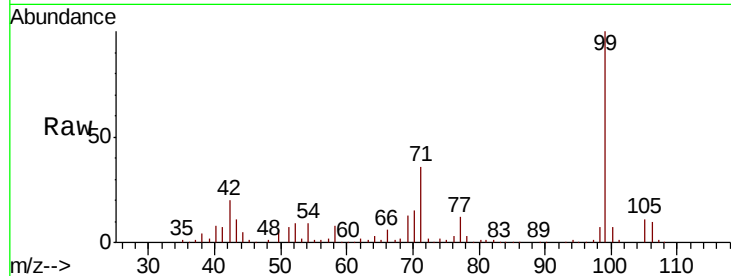
Tgt Ion: 99 Resp: 668500

Ion Ratio Lower Upper

99 100

42 20.3 18.2 27.2

71 35.7 28.0 42.0



#8

2-Chlorophenol

Concen: 44.828 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

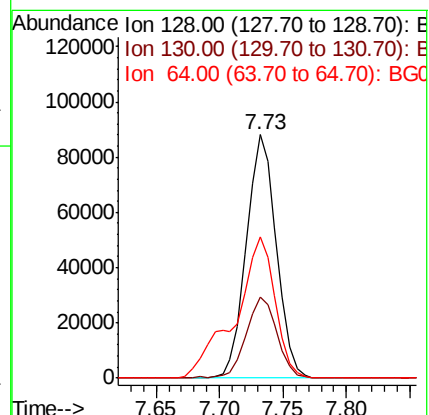
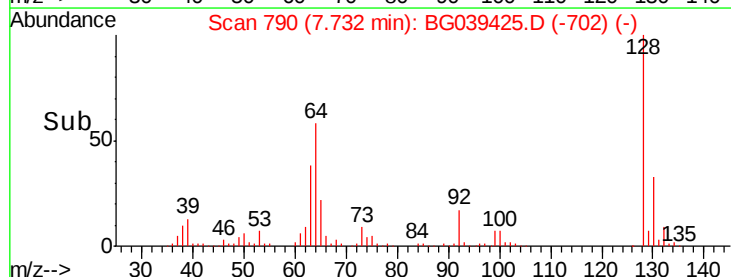
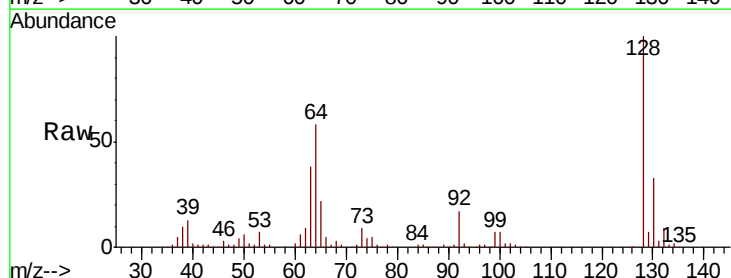
Tgt Ion: 128 Resp: 144091

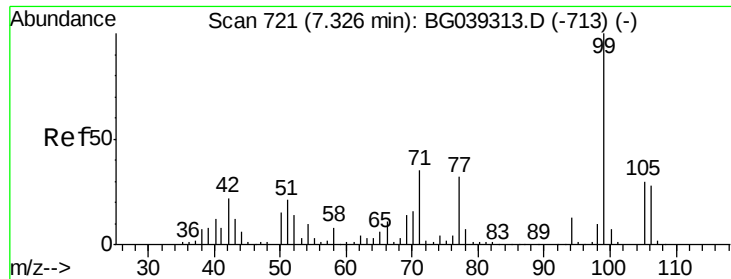
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 57.9 38.7 78.7





#9

Benzaldehyde

Concen: 33.527 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

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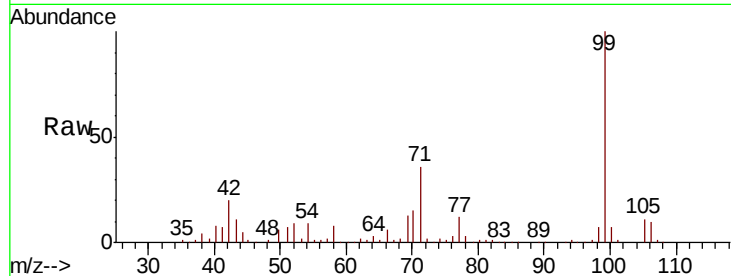
Tgt Ion: 77 Resp: 75935

Ion Ratio Lower Upper

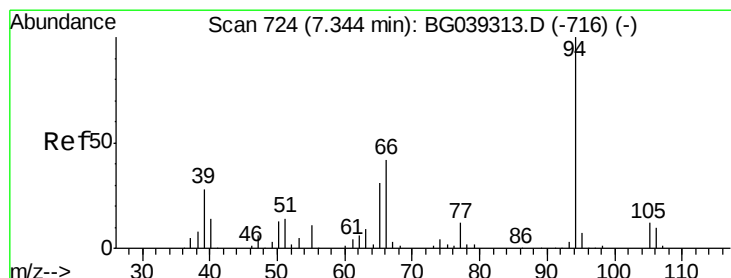
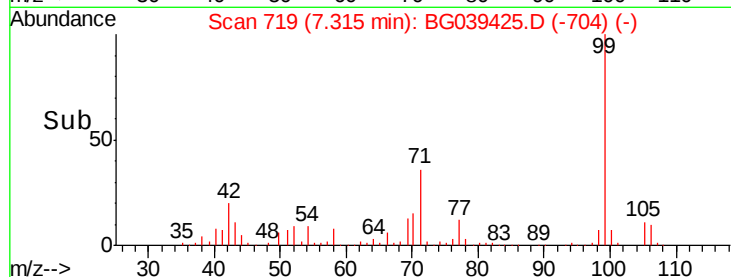
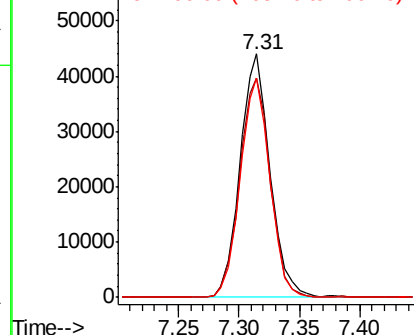
77 100

105 90.2 74.5 114.5

106 89.8 68.0 108.0



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



#10

Phenol

Concen: 44.714 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

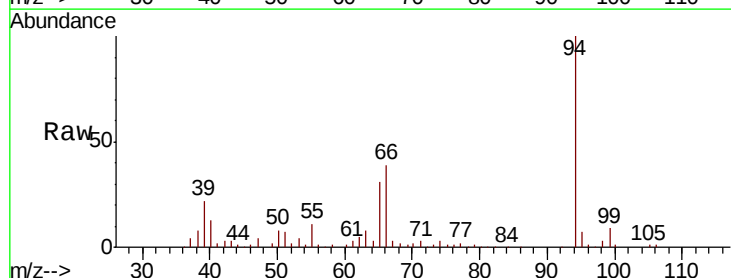
Tgt Ion: 94 Resp: 201750

Ion Ratio Lower Upper

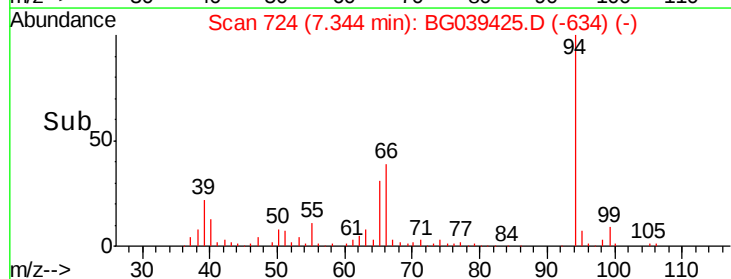
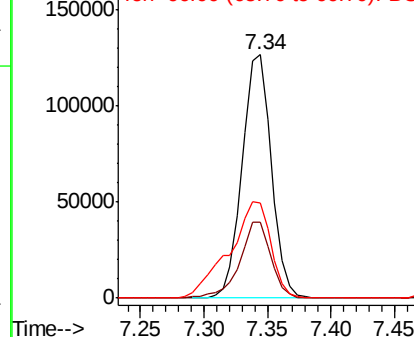
94 100

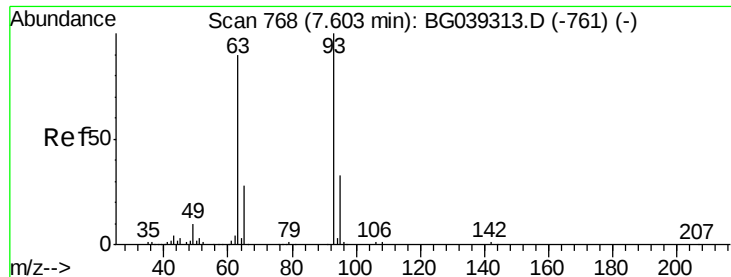
65 31.1 11.7 51.7

66 39.1 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

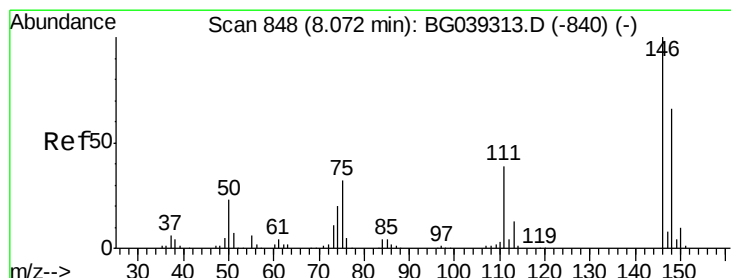
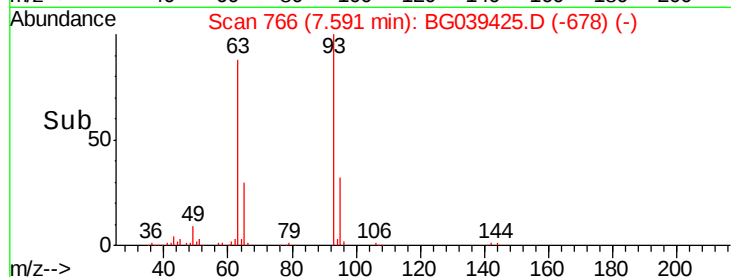
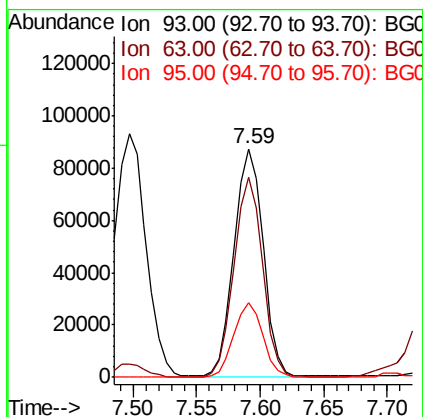
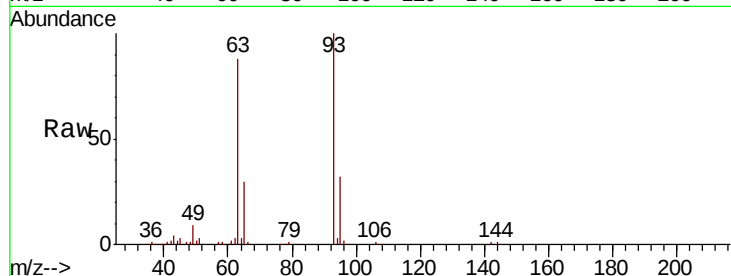




#11
 bis(2-Chloroethyl)ether
 Concen: 39.420 ng
 RT: 7.59 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

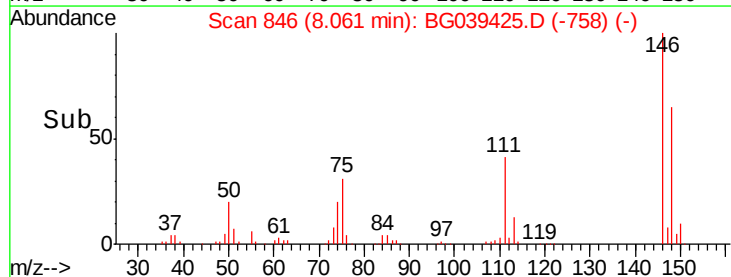
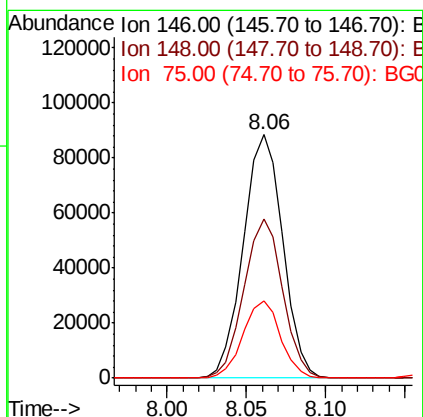
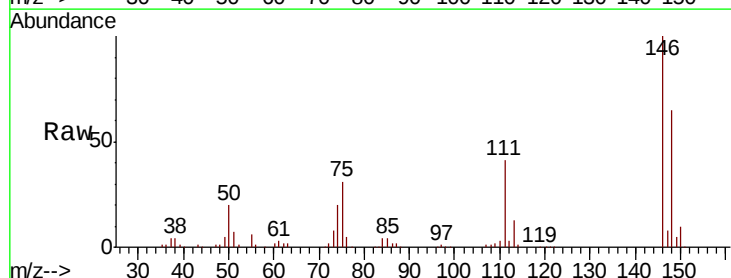
Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

Tgt Ion: 93 Resp: 140548
 Ion Ratio Lower Upper
 93 100
 63 87.6 69.5 109.5
 95 32.5 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 39.232 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion: 146 Resp: 152764
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.6 79.0
 75 31.5 25.8 38.6

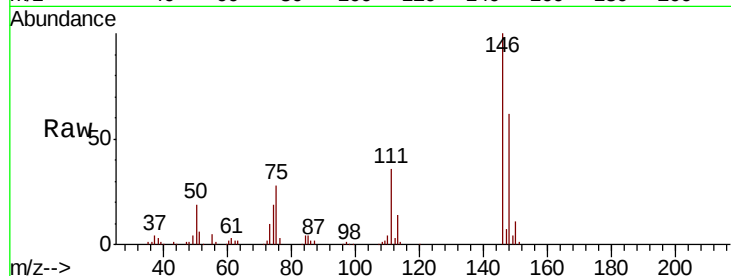




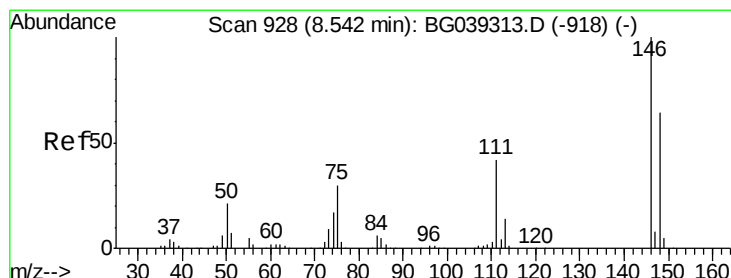
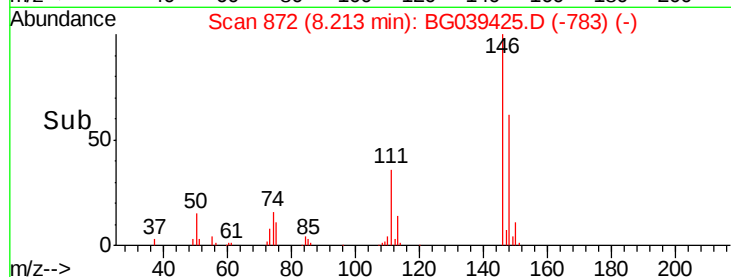
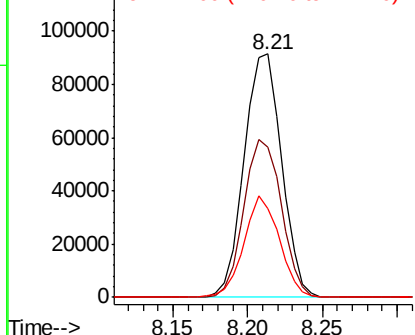
#13
 1,4-Dichlorobenzene
 Concen: 40.871 ng
 RT: 8.21 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

Tgt Ion:146 Resp: 158624
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.1 76.7
 111 36.3 32.6 48.8

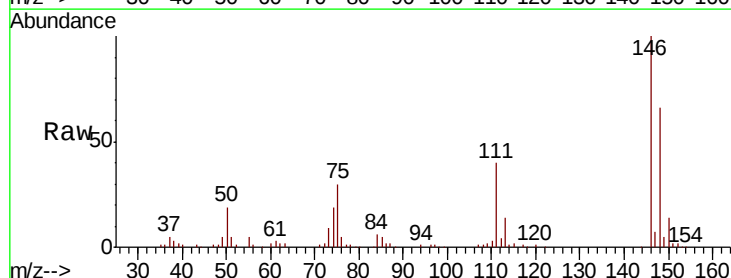


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

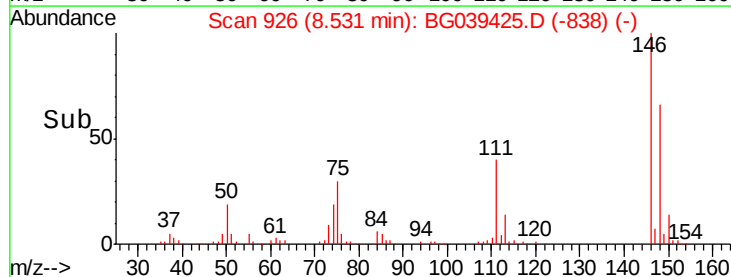
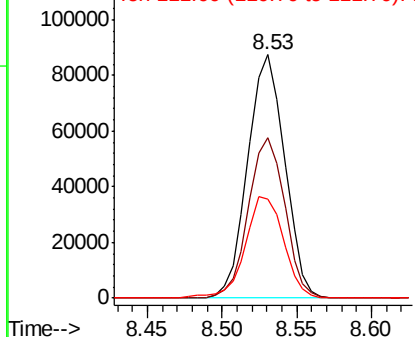


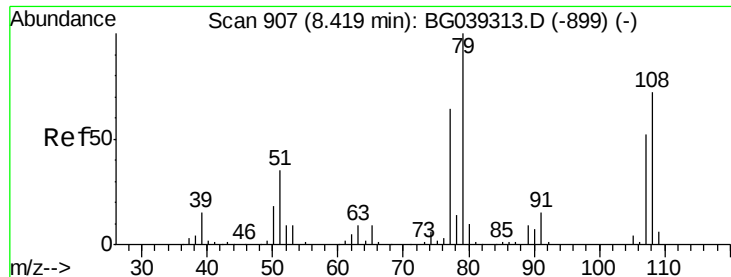
#14
 1,2-Dichlorobenzene
 Concen: 39.801 ng
 RT: 8.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion:146 Resp: 149540
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.5 77.3
 111 40.4 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: 40.624 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

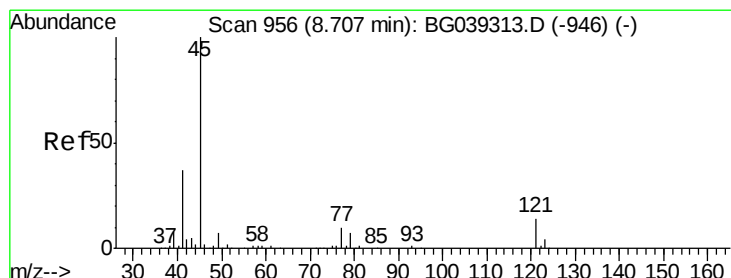
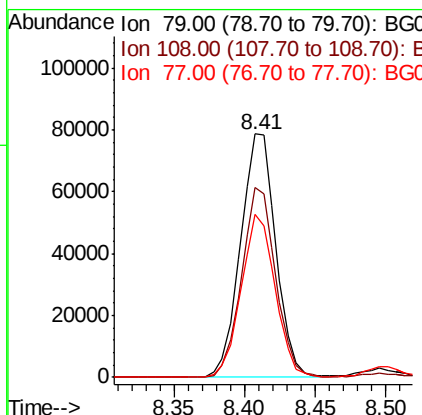
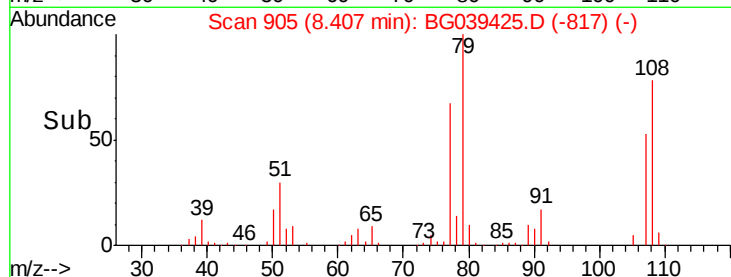
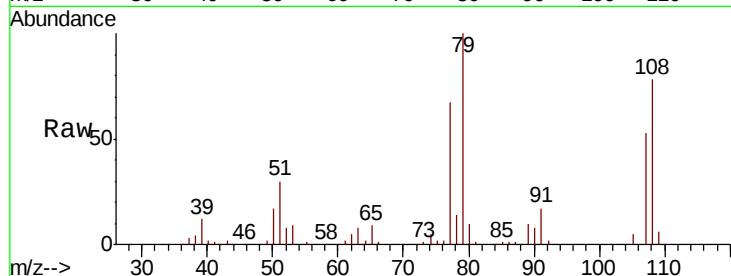
Tgt Ion: 79 Resp: 138049

Ion Ratio Lower Upper

79 100

108 78.0 57.8 86.6

77 66.9 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.469 ng

RT: 8.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

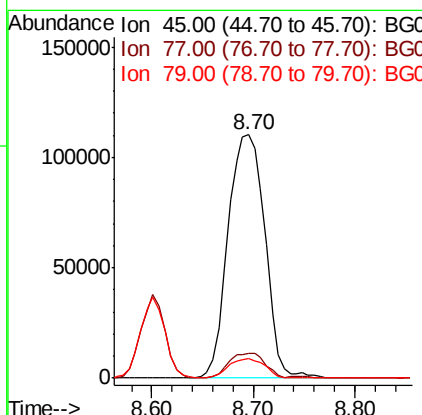
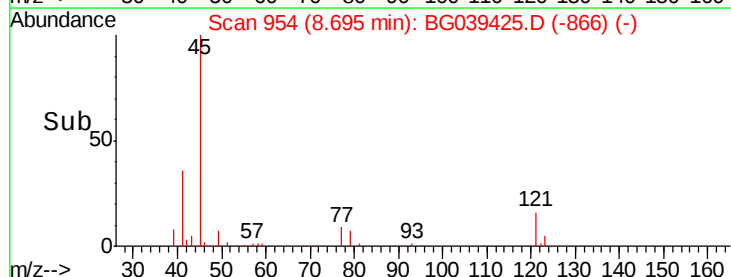
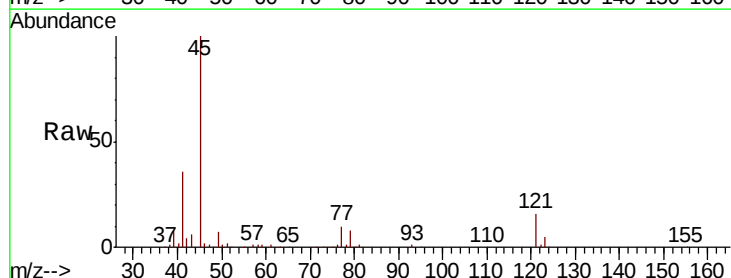
Tgt Ion: 45 Resp: 277524

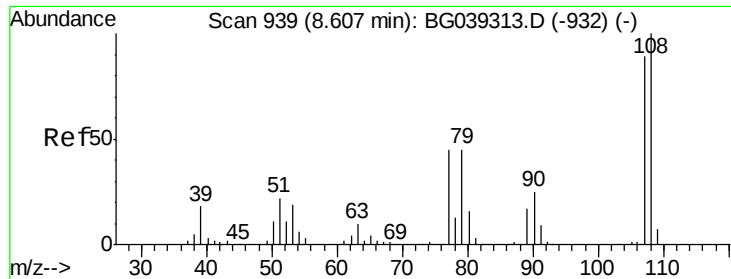
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.0

79 8.0 0.0 27.5

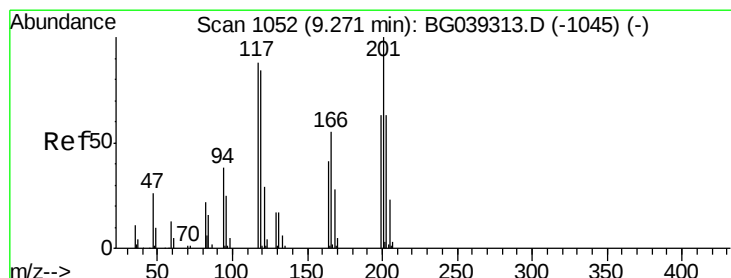
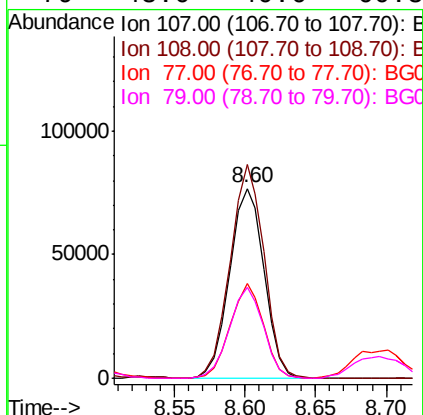
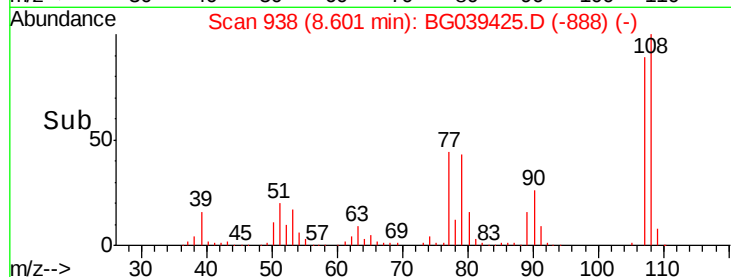
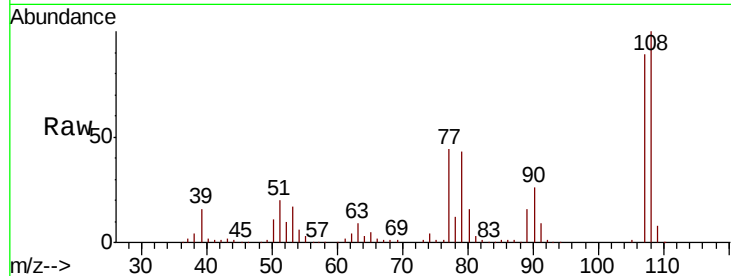




#17
2-Methylphenol
Concen: 44.752 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

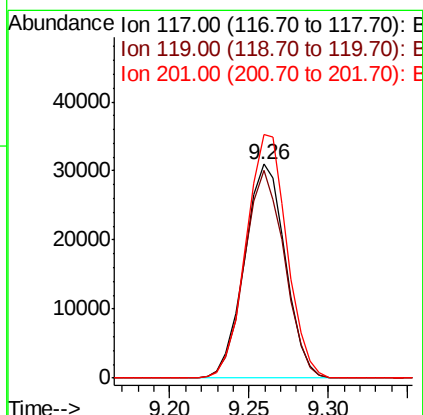
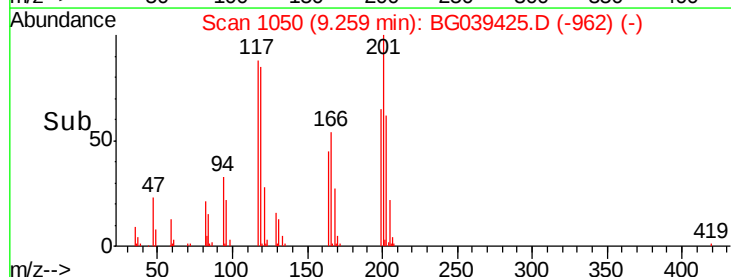
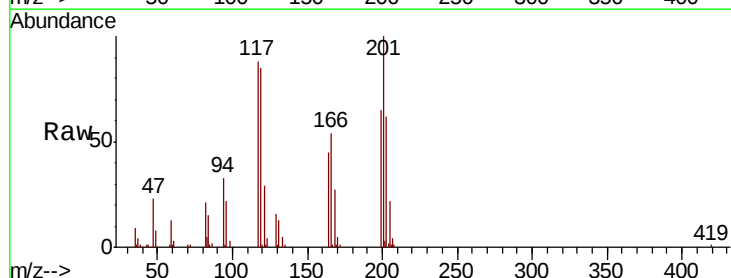
Instrument :
BNA_G
ClientSampleId :
PB116948BS

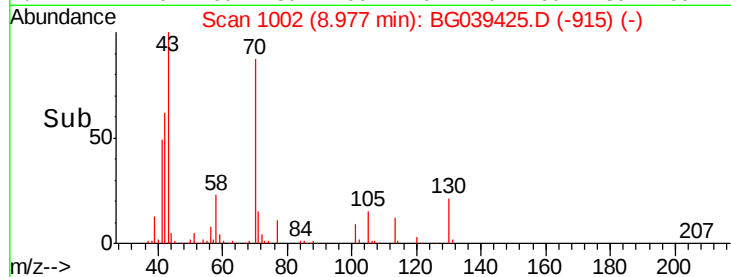
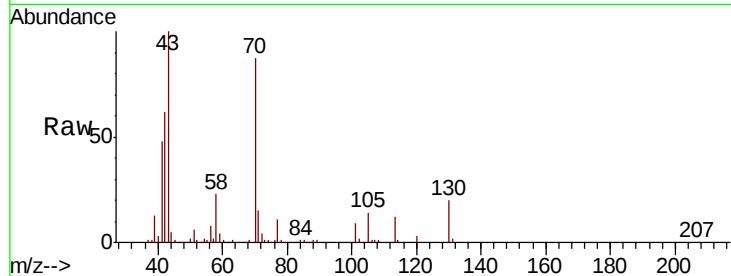
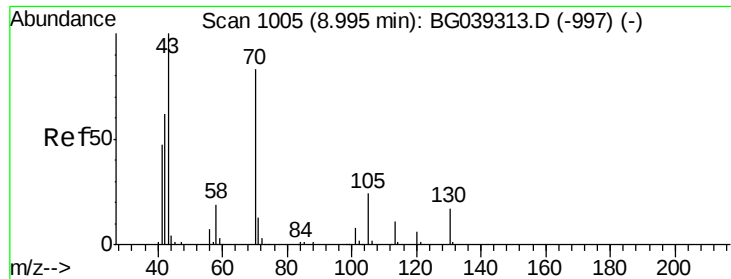
Tgt Ion:	107	Resp:	130671
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.8	136.2
77	49.7	40.7	61.1
79	48.0	40.6	60.8



#18
Hexachloroethane
Concen: 41.530 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion:	117	Resp:	55454
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.3	114.5
201	113.8	91.1	136.7

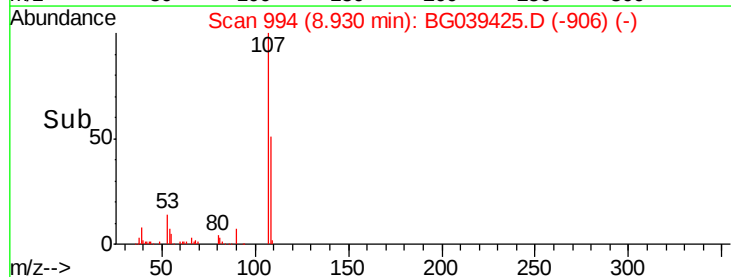
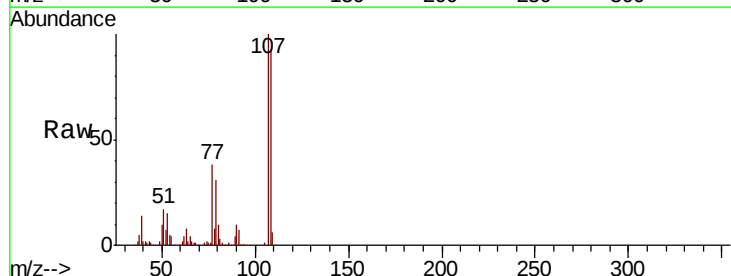
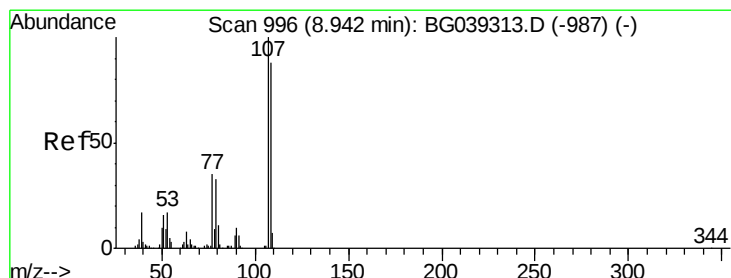
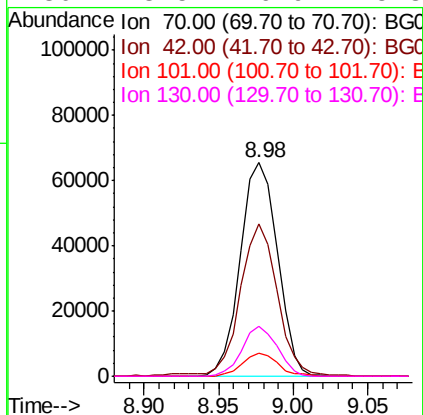




#19
n-Nitroso-di-n-propylamine
Concen: 36.838 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

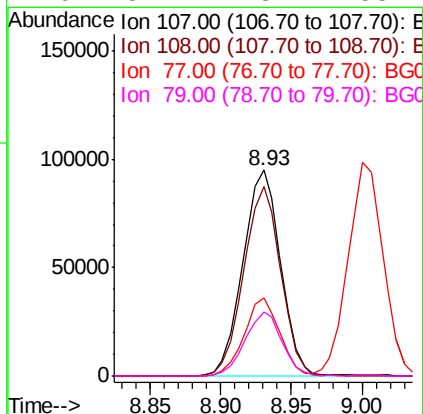
Instrument :
BNA_G
ClientSampleId :
PB116948BS

Tgt Ion:	70	Resp:	113171
Ion	Ratio	Lower	Upper
70	100		
42	71.3	60.4	90.6
101	10.6	7.5	11.3
130	23.5	16.9	25.3



#20
3+4-Methylphenols
Concen: 44.043 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion:	107	Resp:	177090
Ion	Ratio	Lower	Upper
107	100		
108	91.9	67.9	107.9
77	38.0	15.4	55.4
79	31.4	13.7	53.7

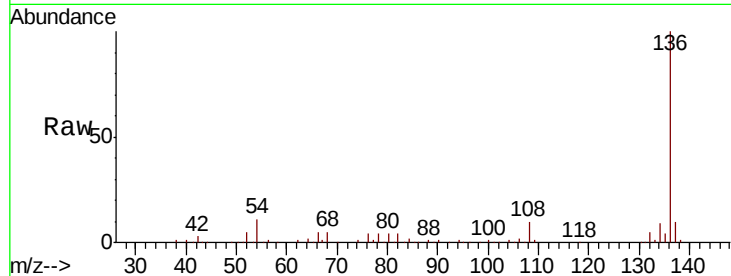




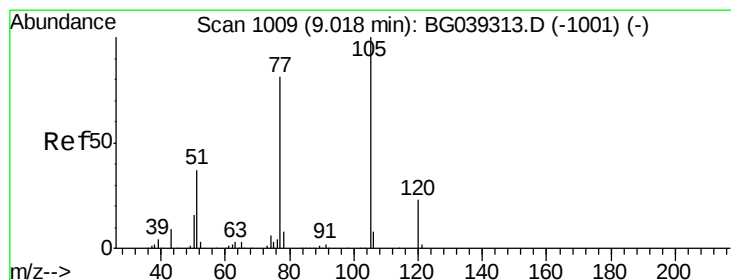
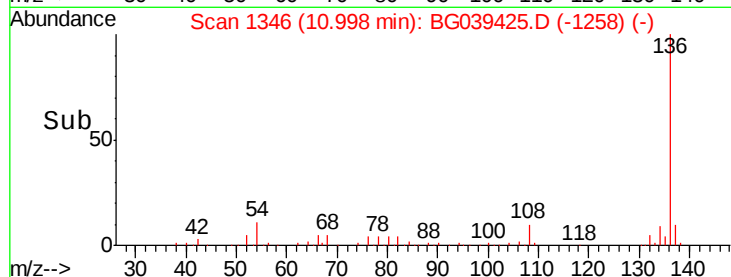
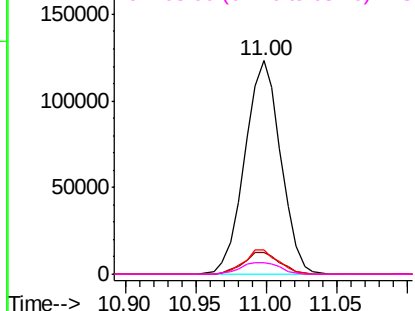
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
PB116948BS

Tgt Ion:	136	Resp:	219190
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	11.4	9.4	14.2
68	5.4	4.2	6.4

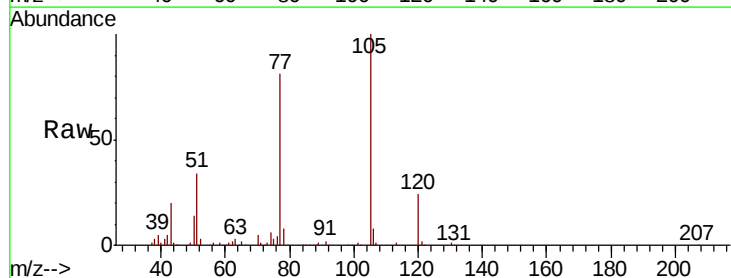


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

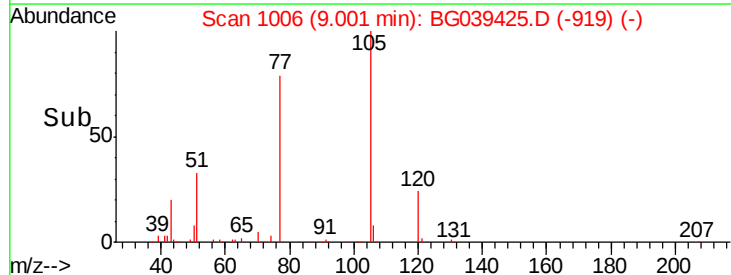
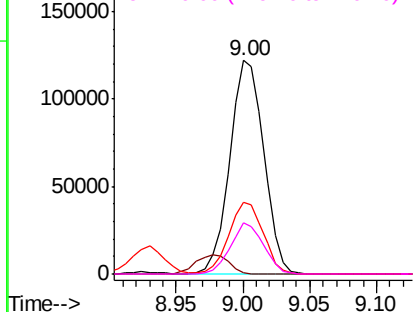


#22
Acetophenone
Concen: 36.661 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion:	105	Resp:	215850
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	33.7	30.2	45.2
120	23.9	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

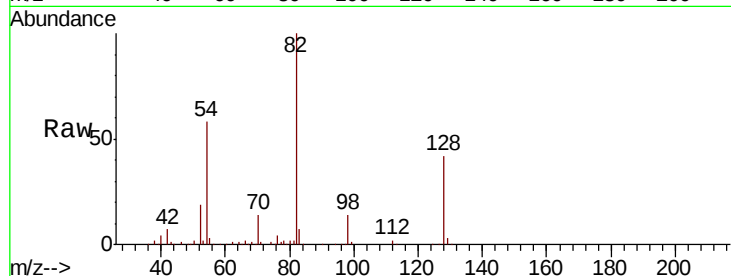




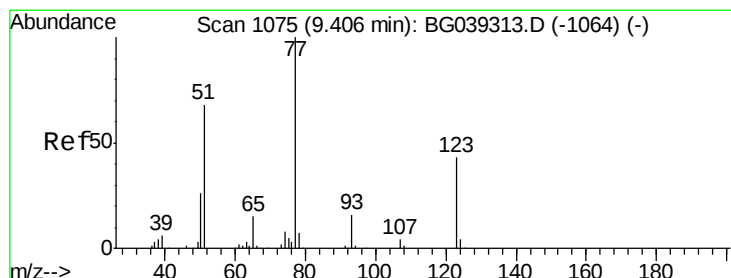
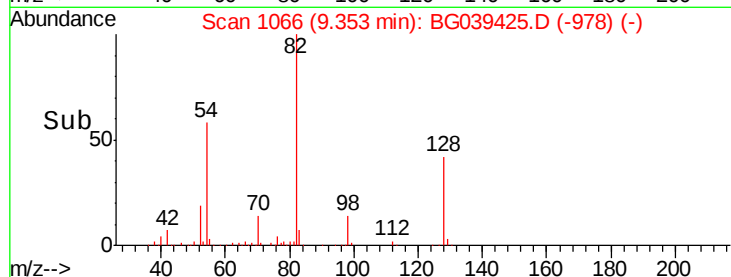
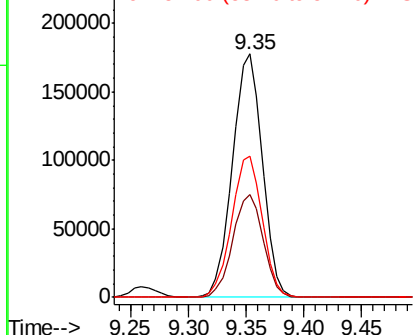
#23
Nitrobenzene-d5
Concen: 90.944 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
PB116948BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.3	46.9
54	58.2	50.9	76.3

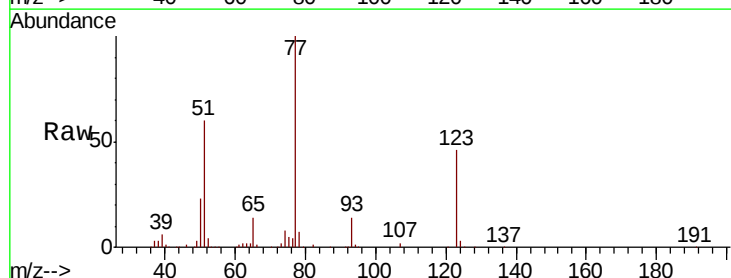


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

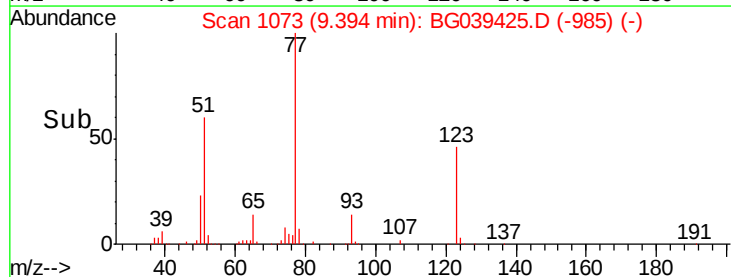
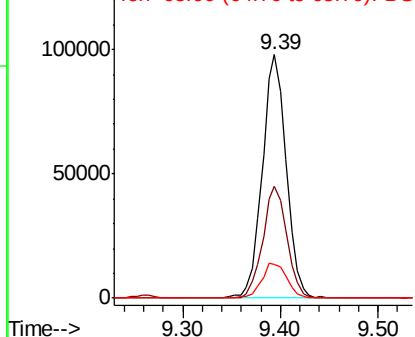


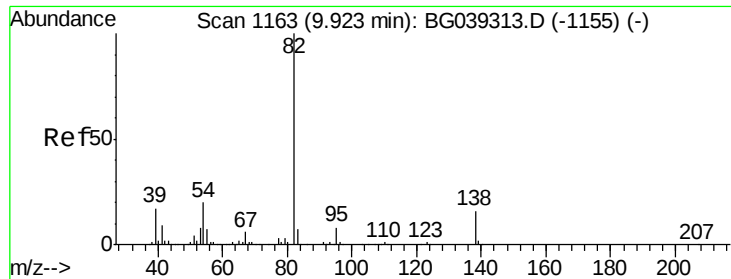
#24
Nitrobenzene
Concen: 44.483 ng
RT: 9.39 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	34.1	51.1
65	13.9	12.3	18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

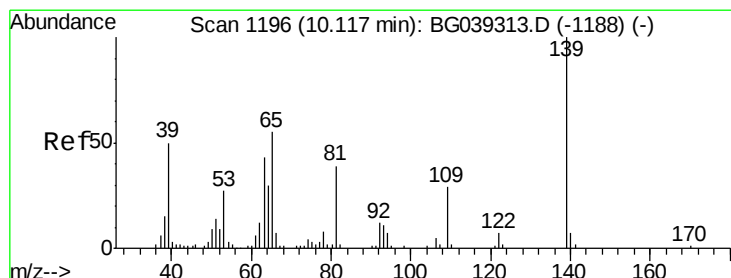
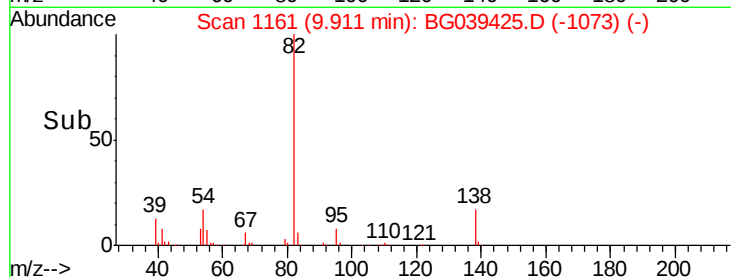
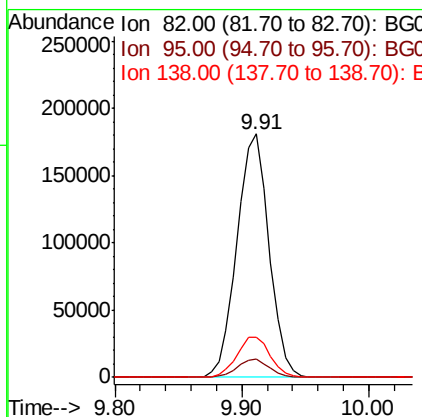
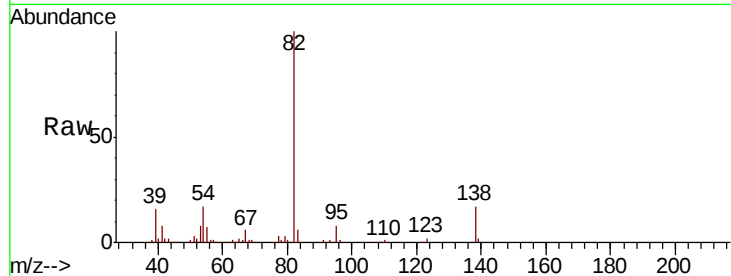




#25
Isophorone
Concen: 40.689 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

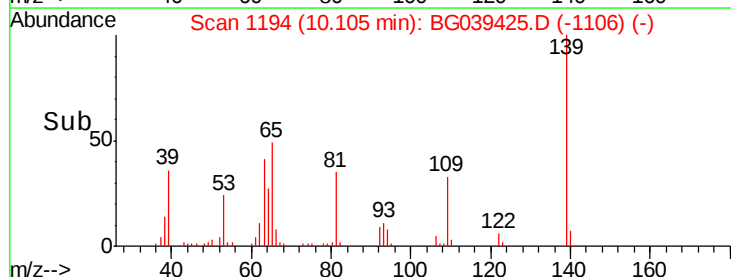
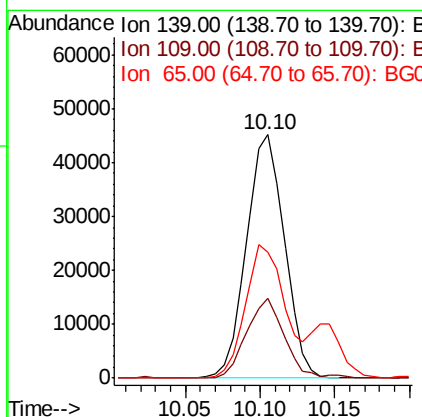
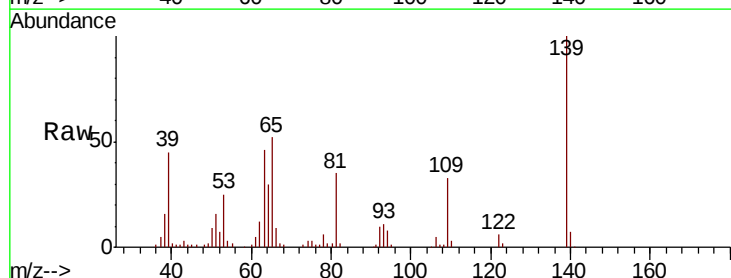
Instrument :
BNA_G
ClientSampleId :
PB116948BS

Tgt Ion: 82 Resp: 316357
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 16.6 13.0 19.4



#26
2-Nitrophenol
Concen: 52.099 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion: 139 Resp: 79478
Ion Ratio Lower Upper
139 100
109 32.7 23.4 35.0
65 51.8 44.3 66.5

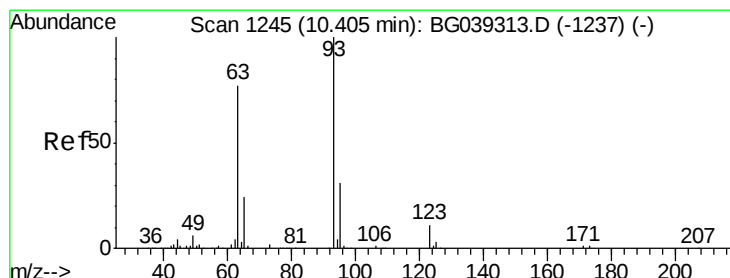
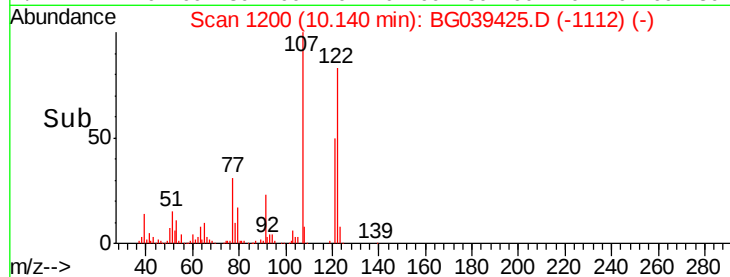
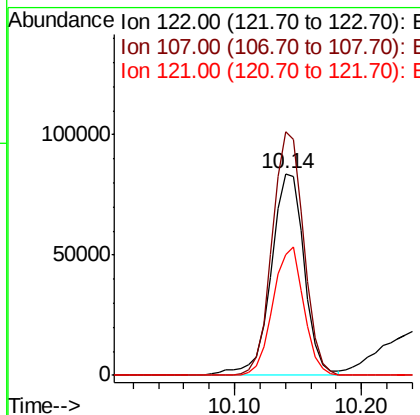
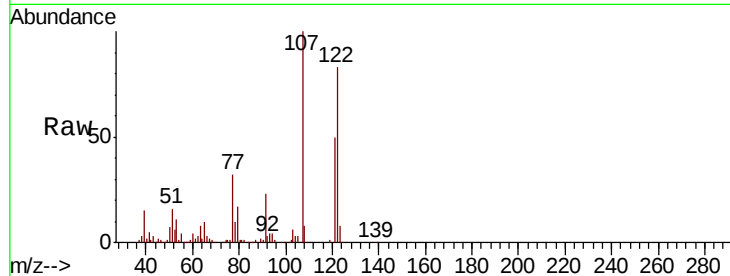




#27
2,4-Dimethylphenol
Concen: 48.379 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

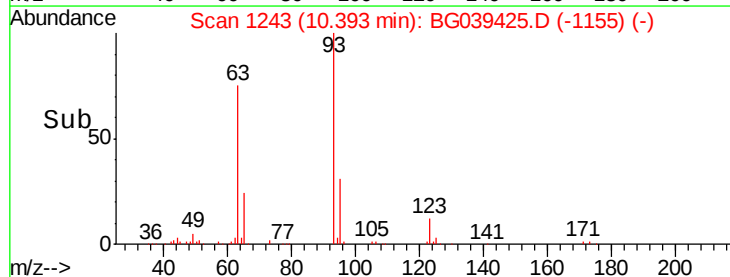
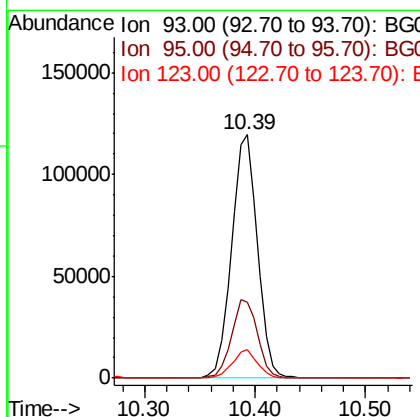
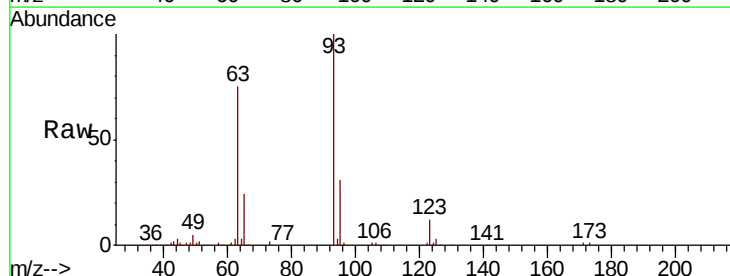
Instrument :
BNA_G
ClientSampleId :
PB116948BS

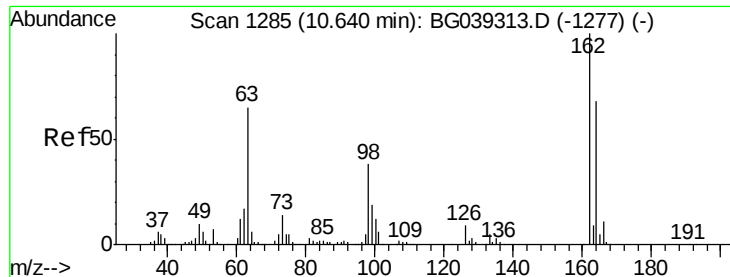
Tgt Ion:122 Resp: 152162
Ion Ratio Lower Upper
122 100
107 120.6 91.7 137.5
121 59.9 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.737 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion: 93 Resp: 195090
Ion Ratio Lower Upper
93 100
95 31.1 25.0 37.4
123 11.7 8.6 12.8

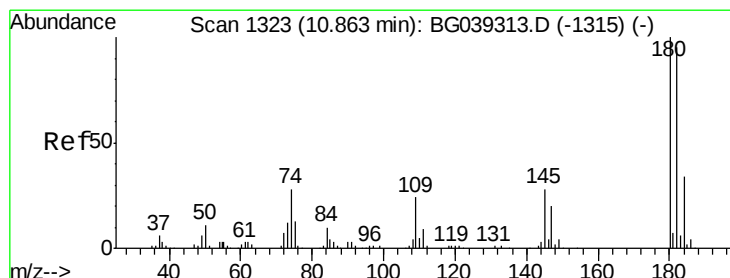
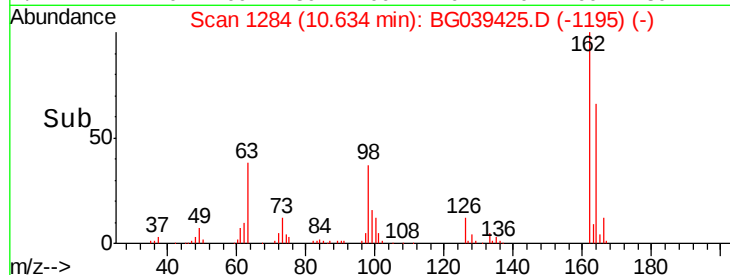
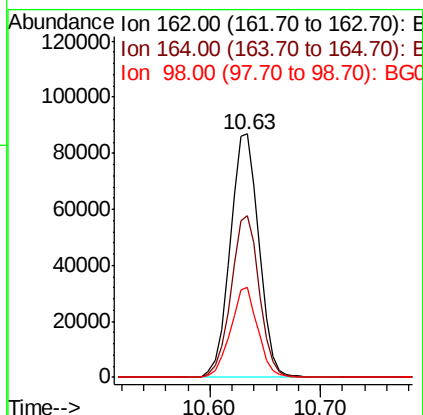
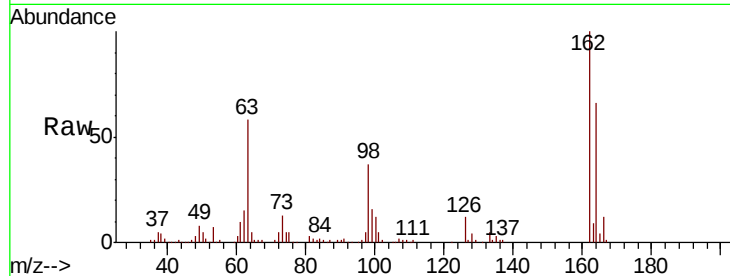




#29
 2,4-Dichlorophenol
 Concen: 46.147 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

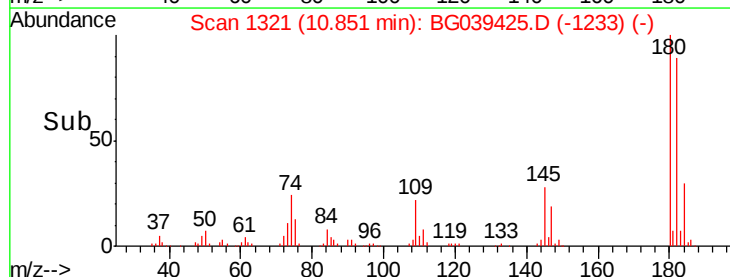
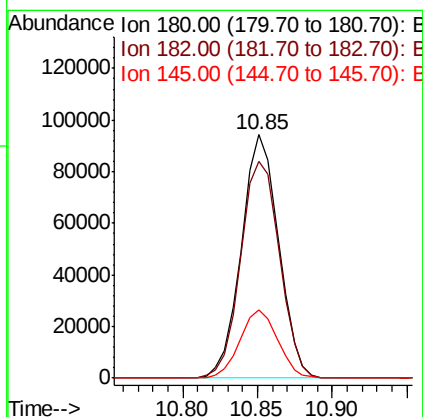
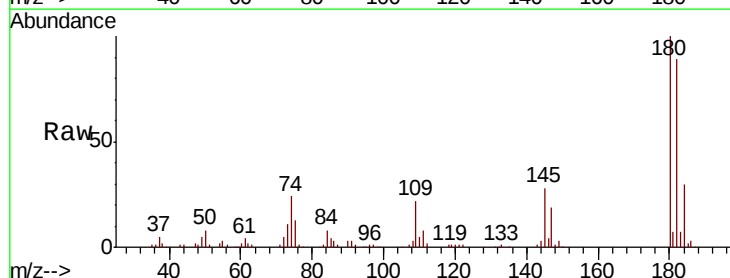
Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

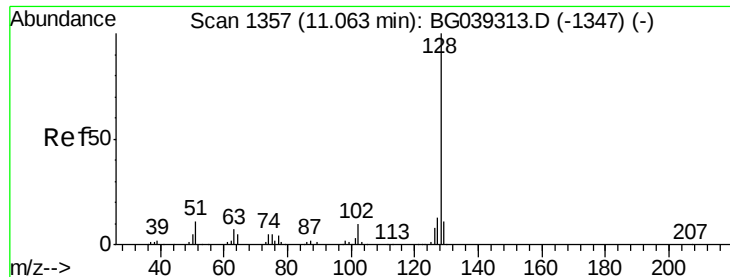
Tgt Ion:162 Resp: 158630
 Ion Ratio Lower Upper
 162 100
 164 66.4 48.1 88.1
 98 37.0 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.086 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion:180 Resp: 162422
 Ion Ratio Lower Upper
 180 100
 182 89.1 76.0 114.0
 145 28.2 22.7 34.1

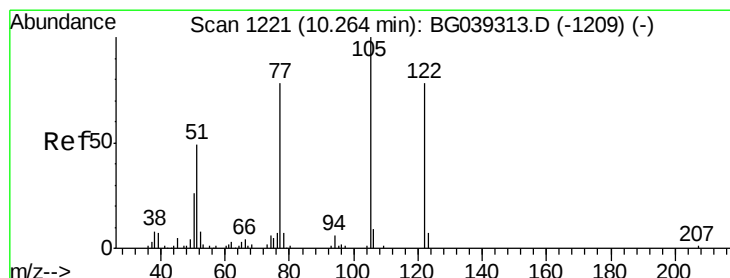
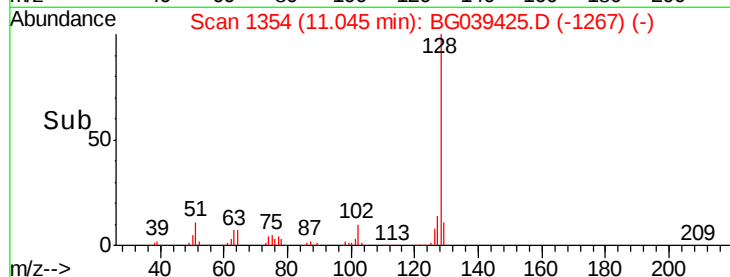
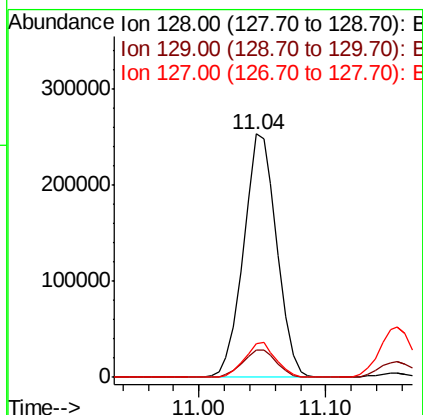
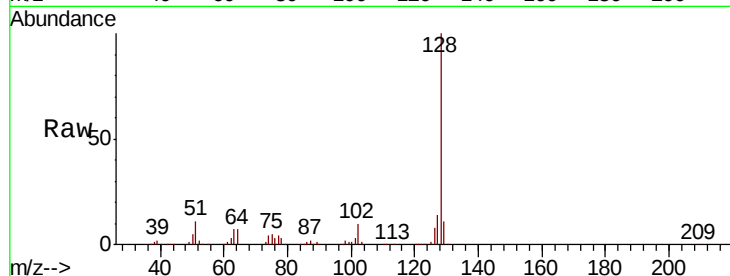




#31
Naphthalene
Concen: 42.112 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

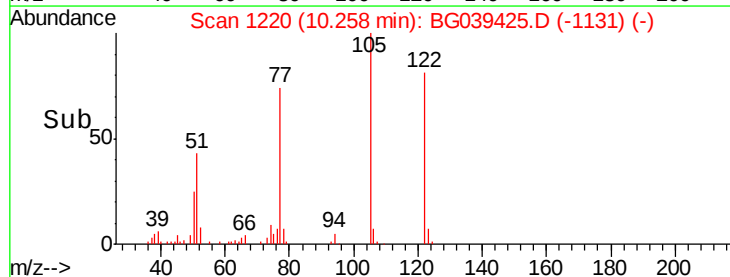
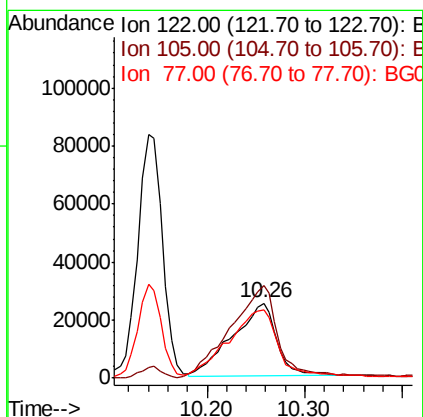
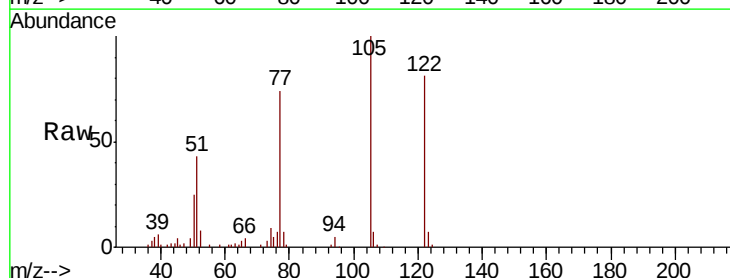
Instrument :
BNA_G
ClientSampleId :
PB116948BS

Tgt Ion:128 Resp: 457918
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 40.607 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion:122 Resp: 80109
Ion Ratio Lower Upper
122 100
105 122.8 101.8 141.8
77 91.5 76.3 116.3

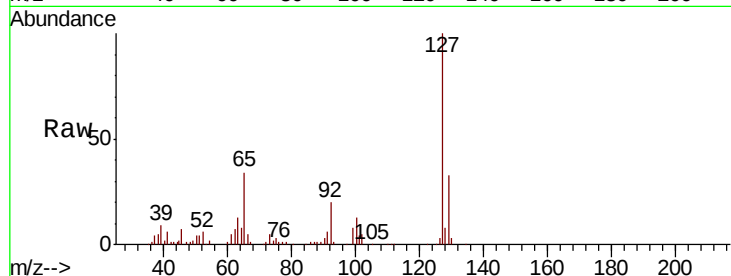




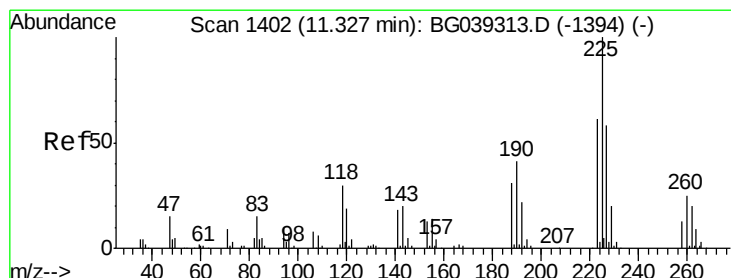
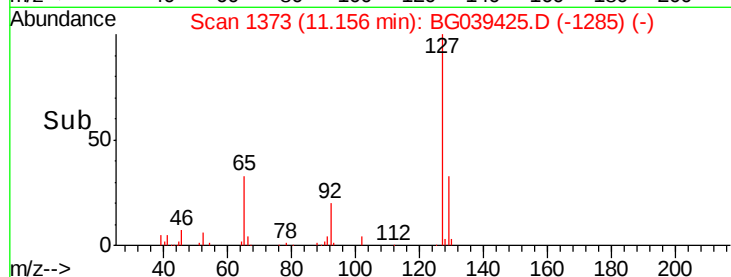
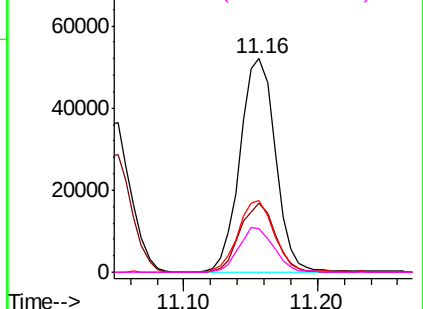
#33
4-Chloroaniline
Concen: 18.973 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
PB116948BS

Tgt Ion:	127	Resp:	95658
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.4
65	33.7	28.8	43.2
92	20.4	16.6	25.0

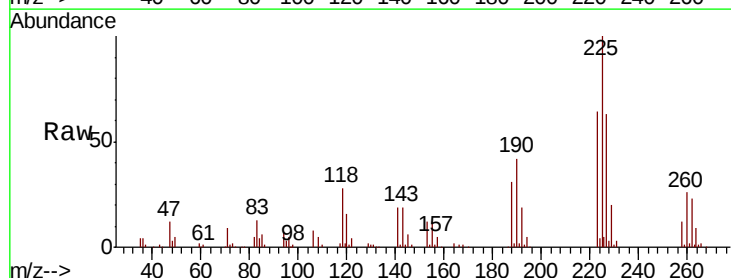


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

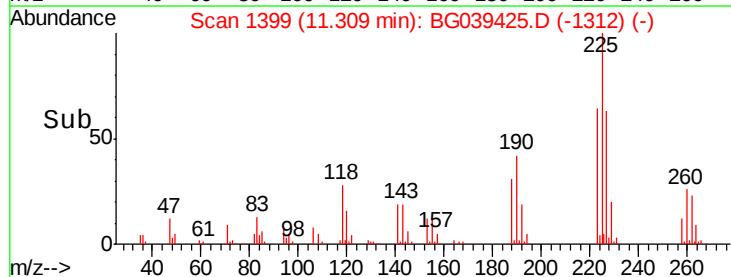
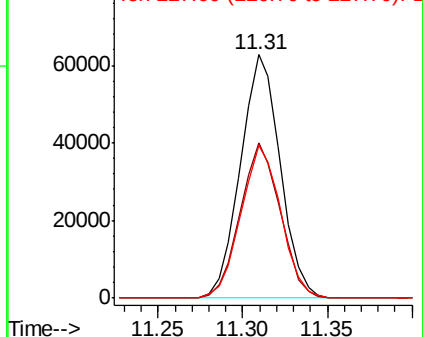


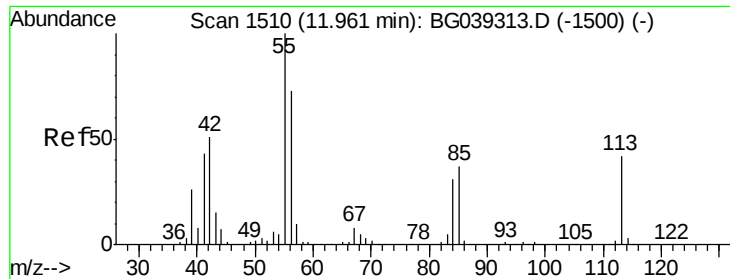
#34
Hexachlorobutadiene
Concen: 39.903 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion:	225	Resp:	102412
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.0	73.6
227	62.8	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

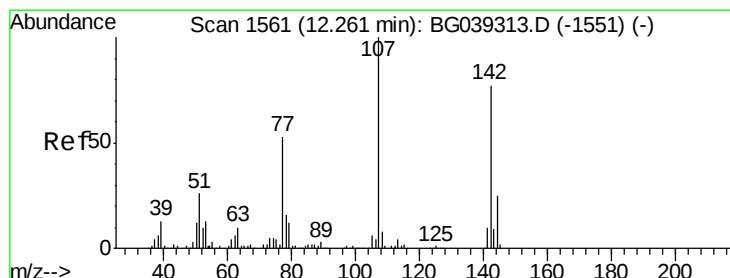
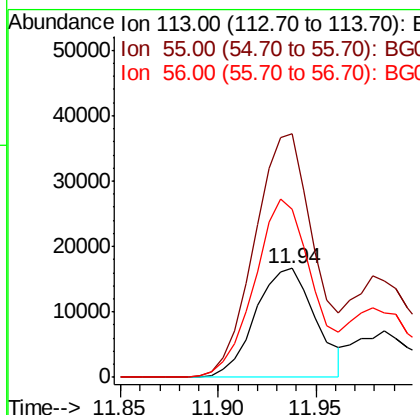
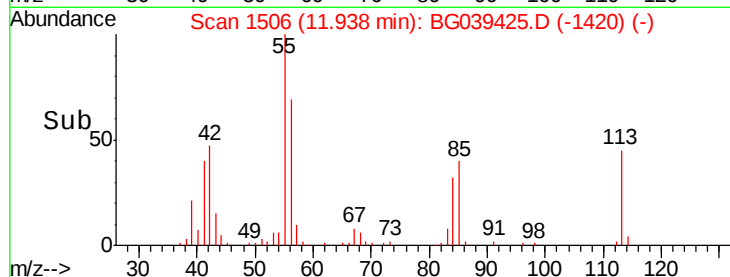
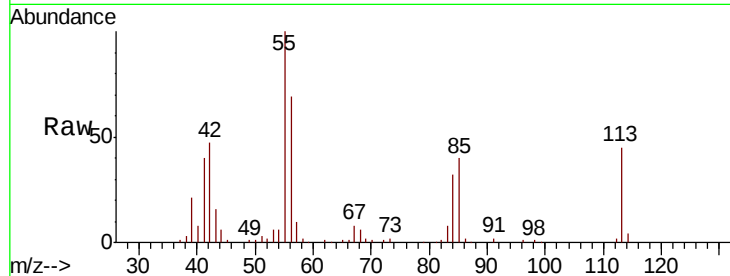




#35
 Caprolactam
 Concen: 24.886 ng
 RT: 11.94 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

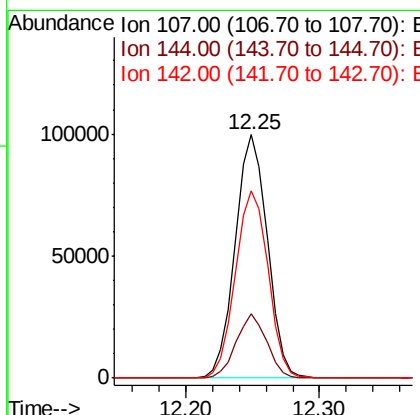
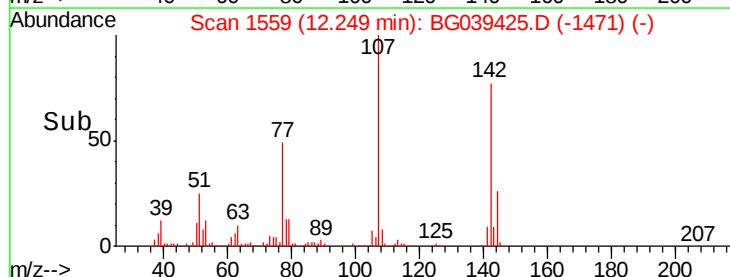
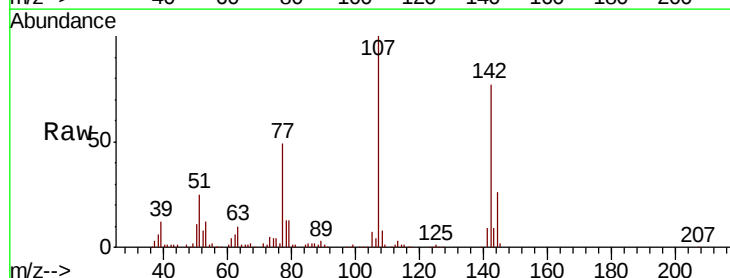
Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

Tgt Ion:113 Resp: 35399
 Ion Ratio Lower Upper
 113 100
 55 224.0 216.9 256.9
 56 154.6 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.840 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion:107 Resp: 166334
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.2 30.2
 142 76.7 61.4 92.2

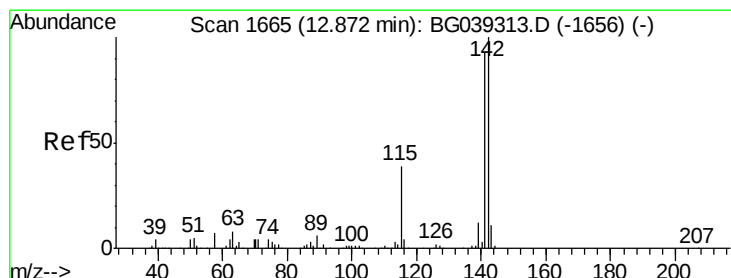
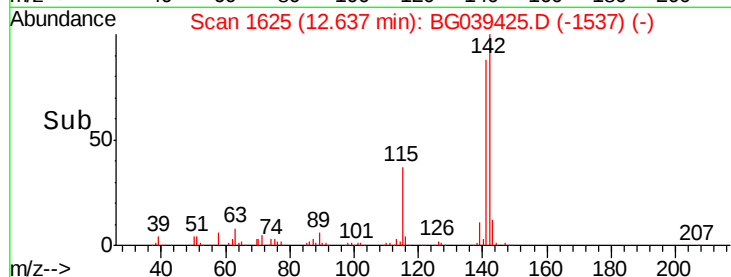
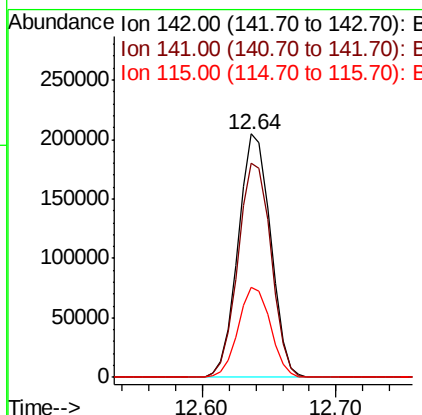
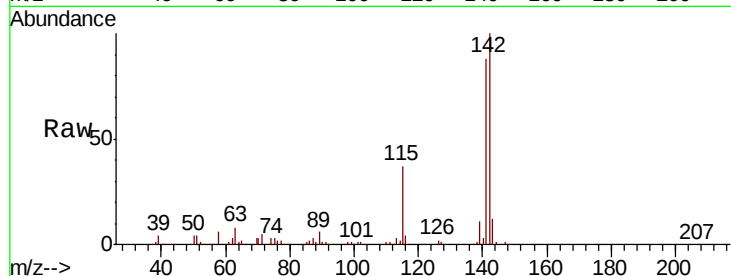




#37
 2-Methylnaphthalene
 Concen: 42.761 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

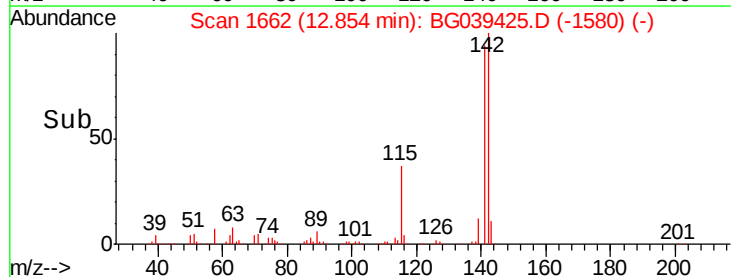
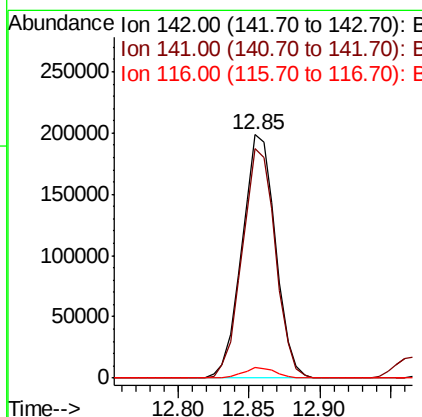
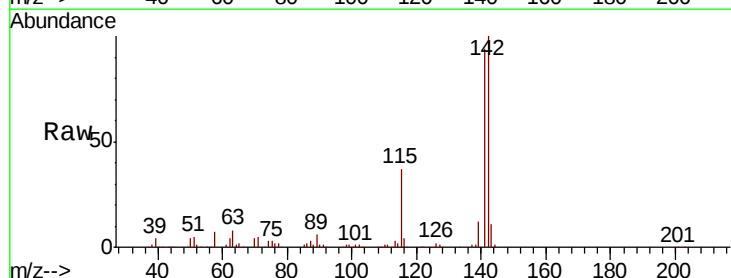
Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

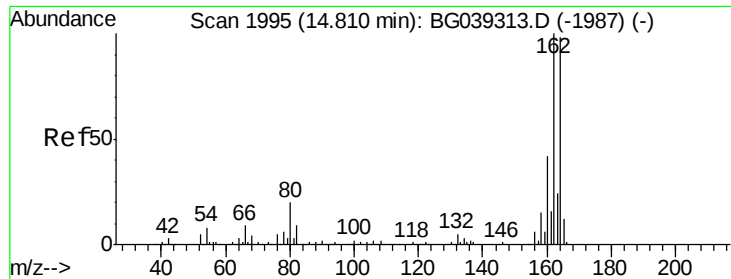
Tgt Ion:142 Resp: 344385
 Ion Ratio Lower Upper
 142 100
 141 87.9 73.5 110.3
 115 37.2 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 42.458 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion:142 Resp: 329624
 Ion Ratio Lower Upper
 142 100
 141 94.1 74.2 111.4
 116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

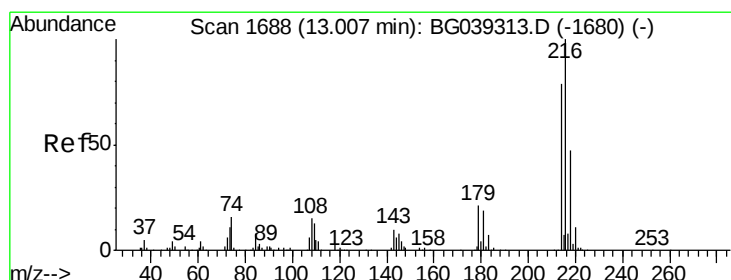
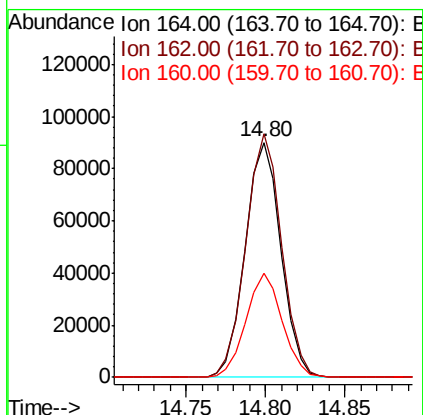
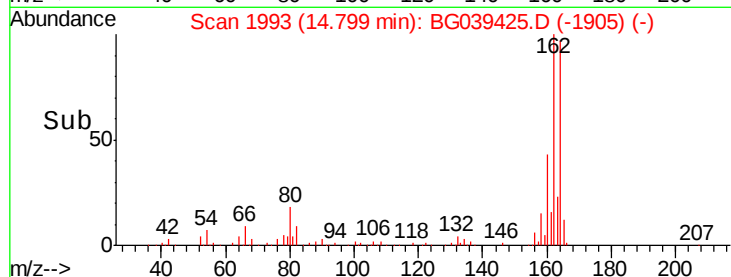
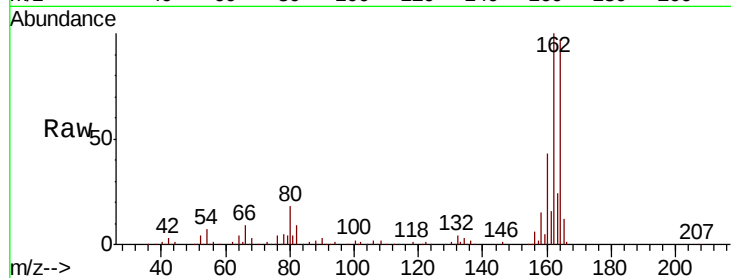
Tgt Ion:164 Resp: 141001

Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

160 44.2 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.907 ng

RT: 13.00 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Tgt Ion:216 Resp: 188007

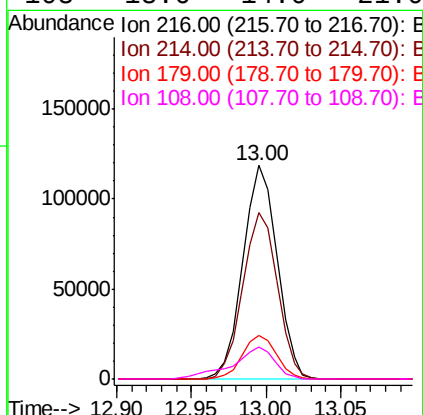
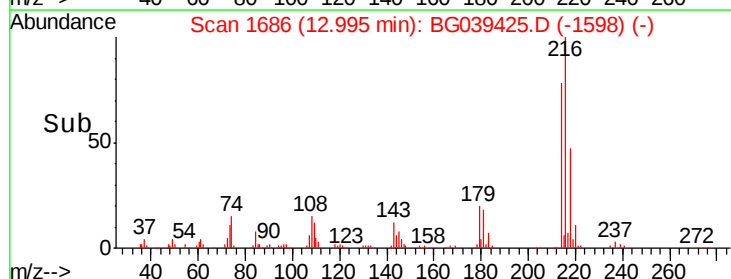
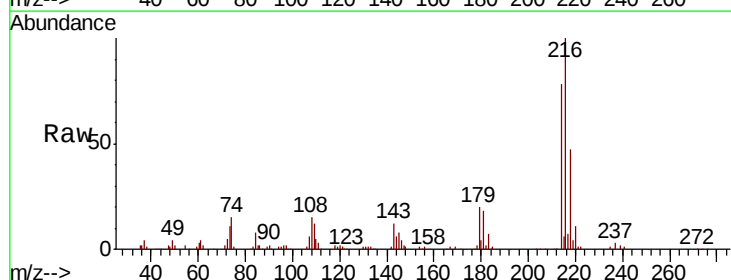
Ion Ratio Lower Upper

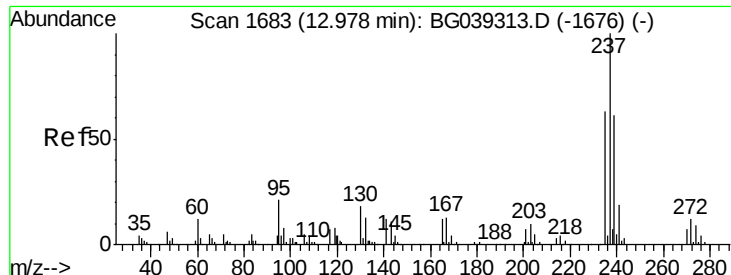
216 100

214 78.9 62.6 94.0

179 20.1 16.6 25.0

108 18.6 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 104.244 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

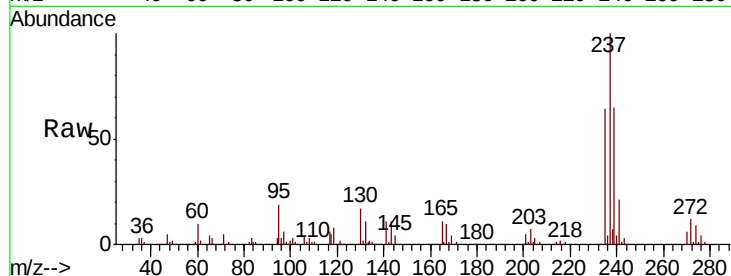
Tgt Ion:237 Resp: 254836

Ion Ratio Lower Upper

237 100

235 64.0 43.3 83.3

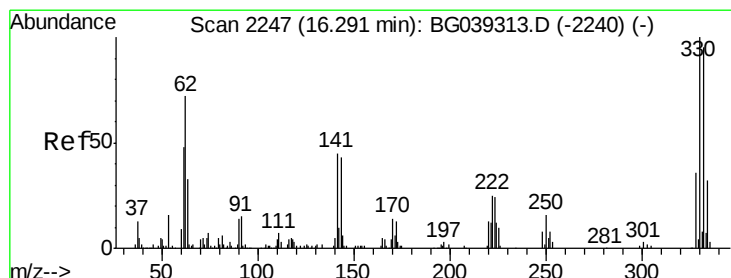
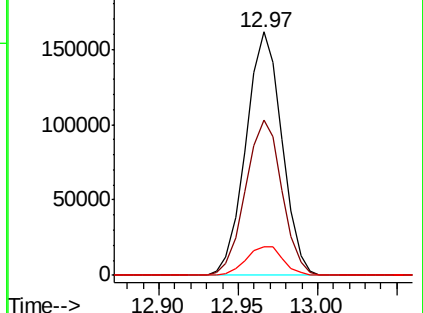
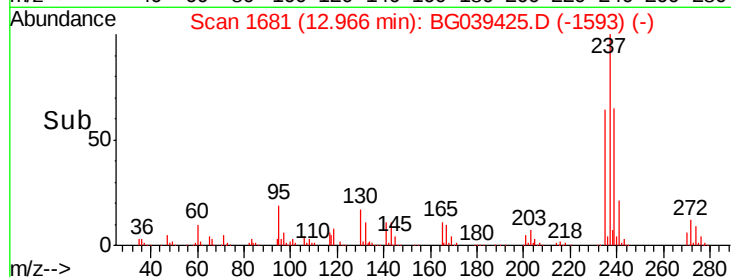
272 11.8 0.0 32.3



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: 161.154 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

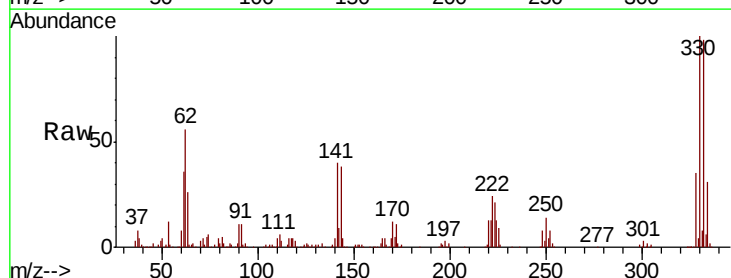
Tgt Ion:330 Resp: 244687

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

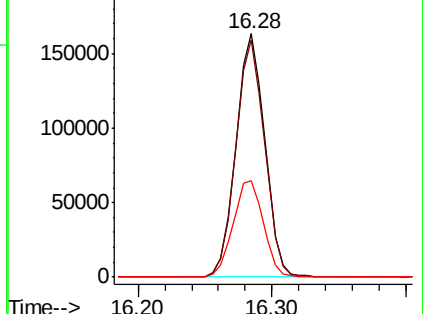
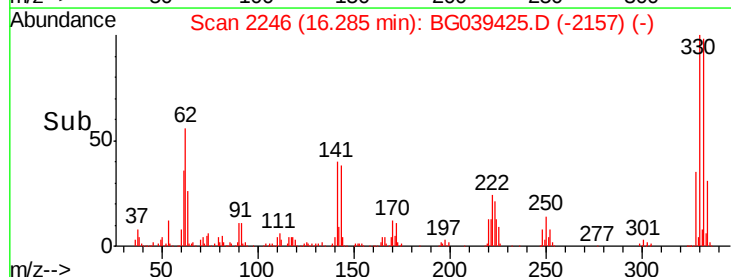
141 41.6 35.6 53.4

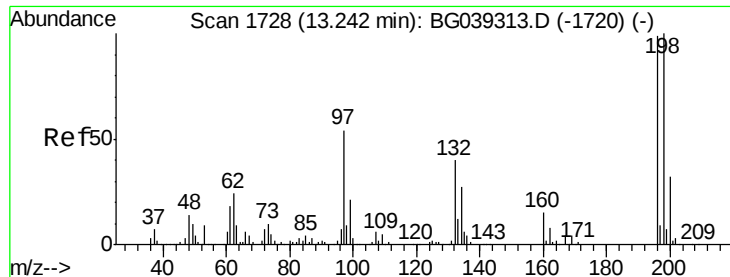


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

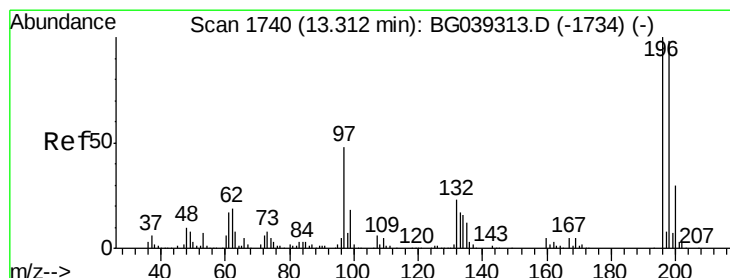
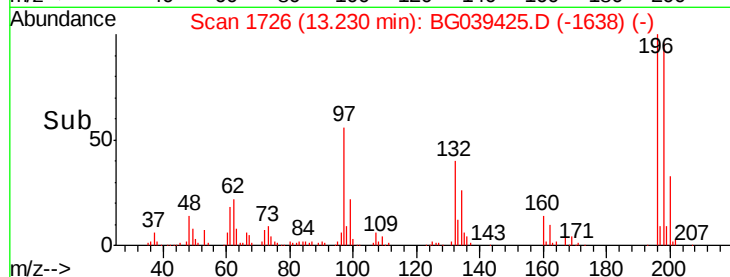
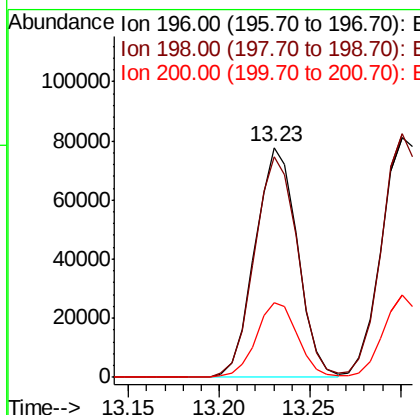
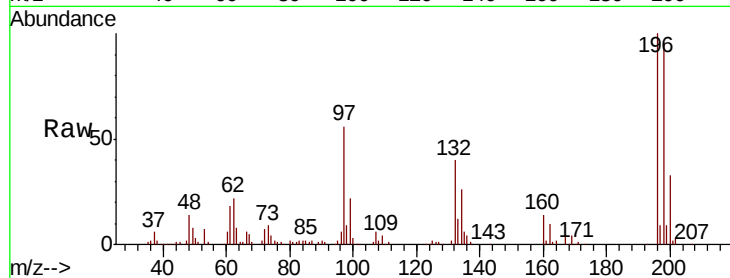




#43
 2,4,6-Trichlorophenol
 Concen: 45.809 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

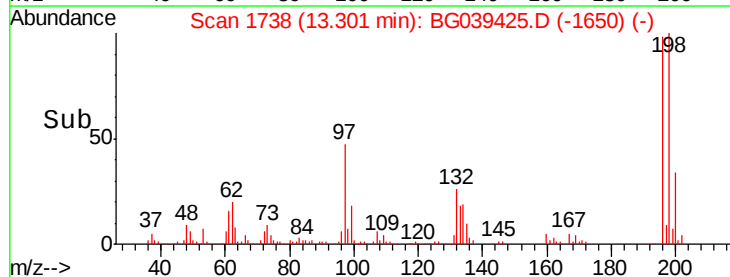
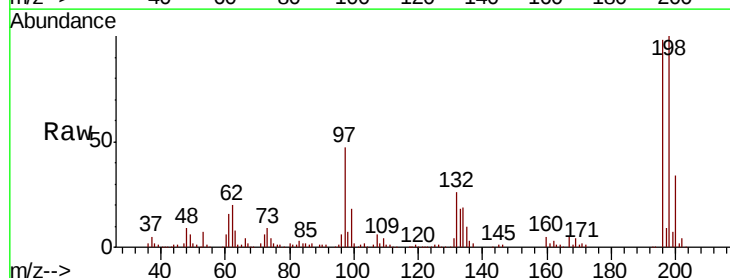
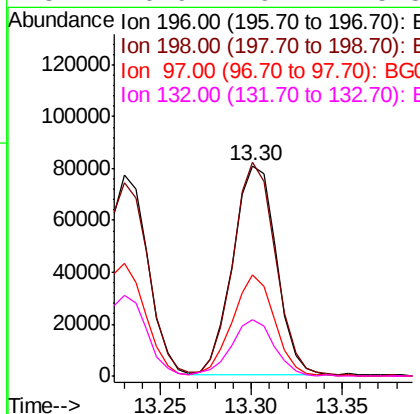
Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

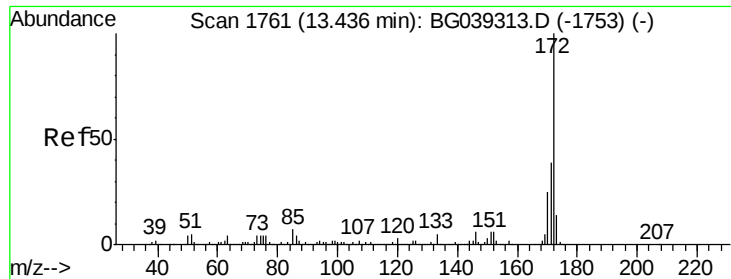
Tgt Ion:196 Resp: 126359
 Ion Ratio Lower Upper
 196 100
 198 96.1 80.6 121.0
 200 32.5 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.564 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion:196 Resp: 134616
 Ion Ratio Lower Upper
 196 100
 198 101.6 78.5 117.7
 97 48.0 38.4 57.6
 132 26.9 19.2 28.8

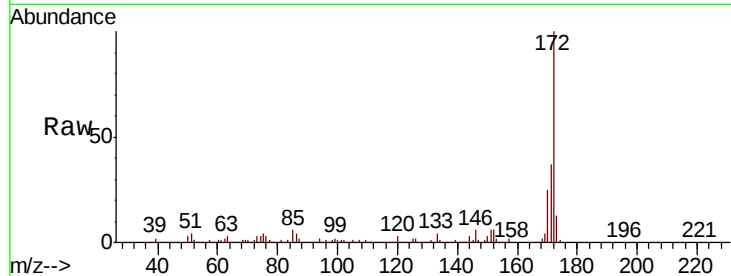




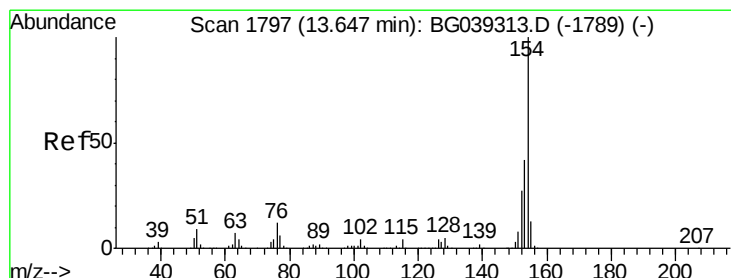
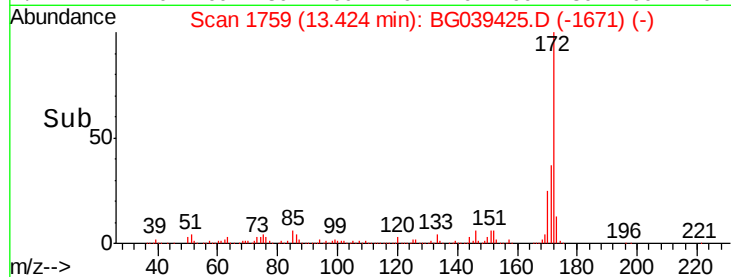
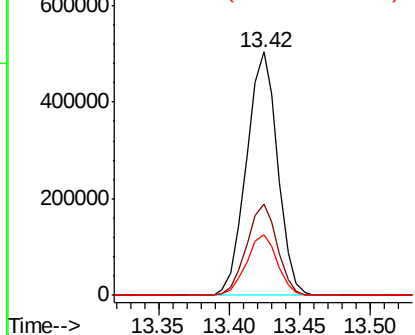
#45
 2-Fluorobiphenyl
 Concen: 79.220 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

Tgt Ion:172 Resp: 778644
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.1 20.2 30.4

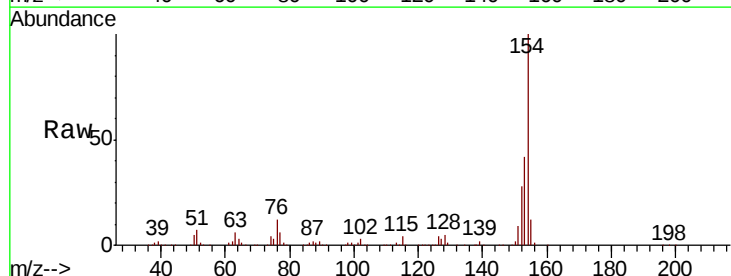


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

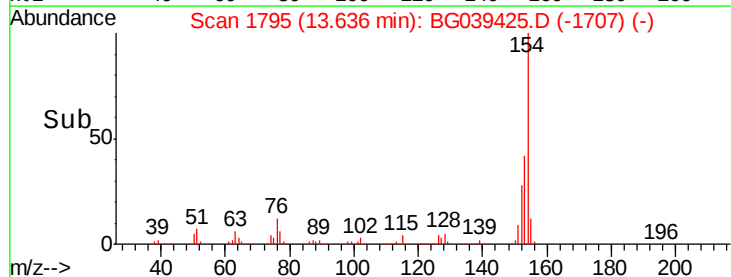
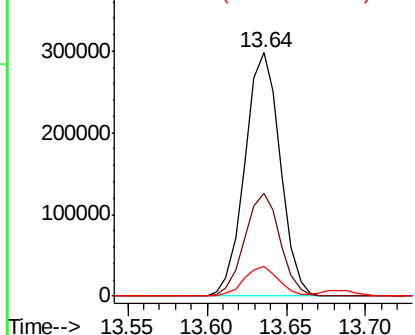


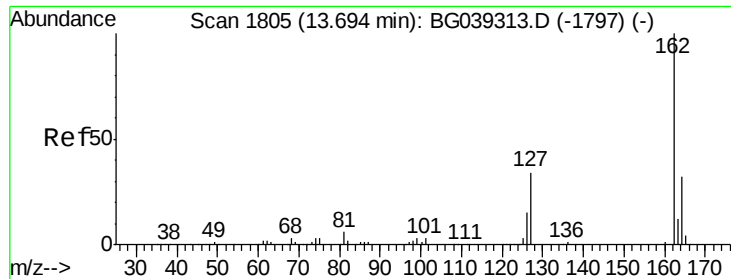
#46
 1,1'-Biphenyl
 Concen: 39.209 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion:154 Resp: 459989
 Ion Ratio Lower Upper
 154 100
 153 42.3 22.1 62.1
 76 12.5 0.0 32.4



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

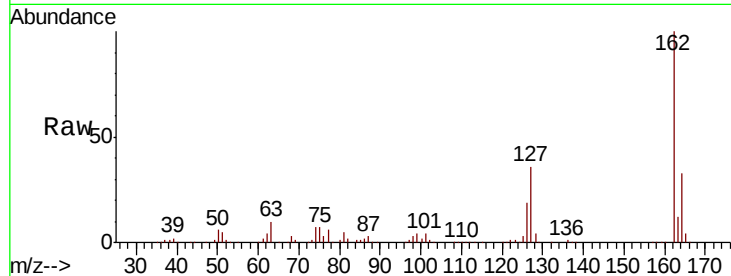




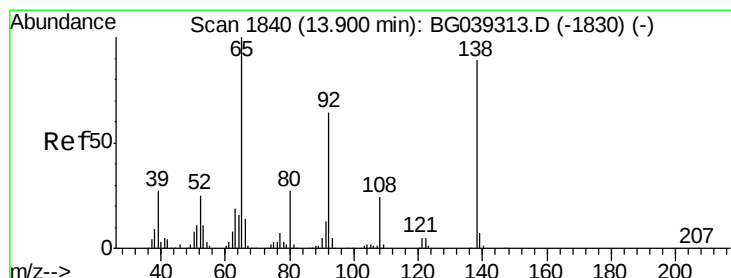
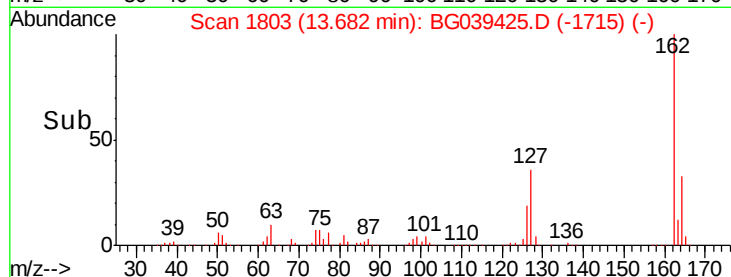
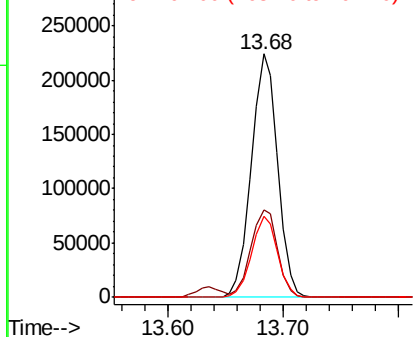
#47
 2-Chloronaphthalene
 Concen: 40.112 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

Tgt Ion: 162 Resp: 354004
 Ion Ratio Lower Upper
 162 100
 127 36.1 31.0 46.6
 164 33.3 25.7 38.5

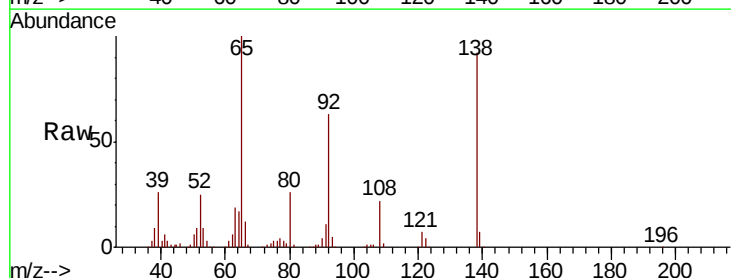


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

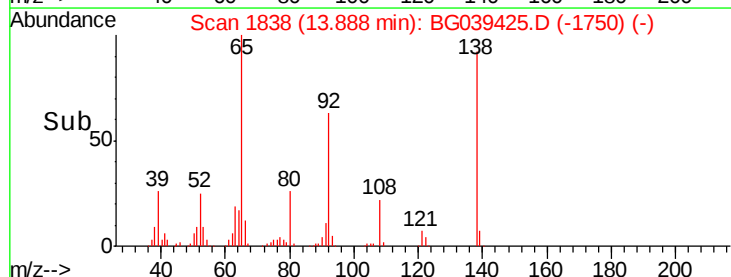
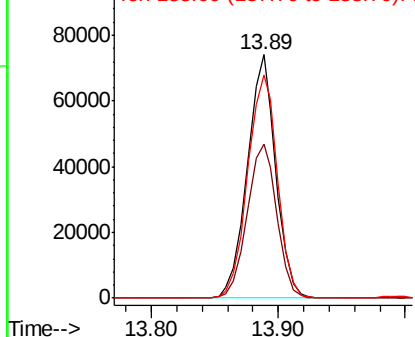


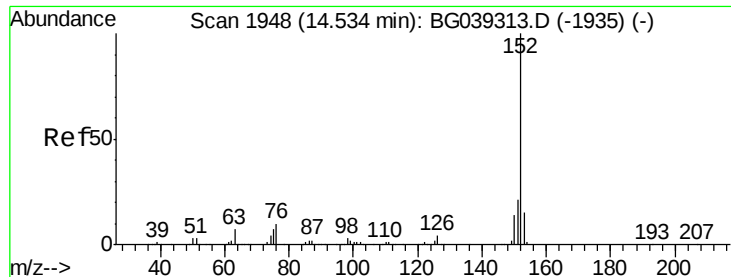
#48
 2-Nitroaniline
 Concen: 45.861 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion: 65 Resp: 115136
 Ion Ratio Lower Upper
 65 100
 92 63.3 51.4 77.2
 138 91.8 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: 42.774 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

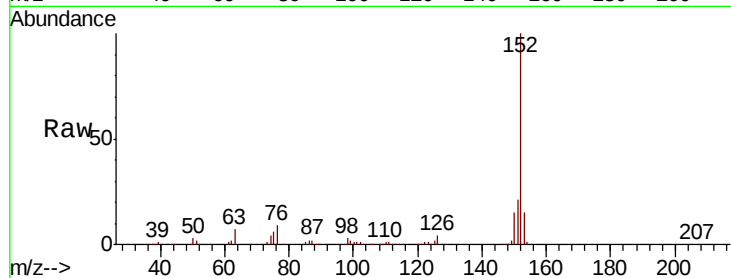
Tgt Ion:152 Resp: 569618

Ion Ratio Lower Upper

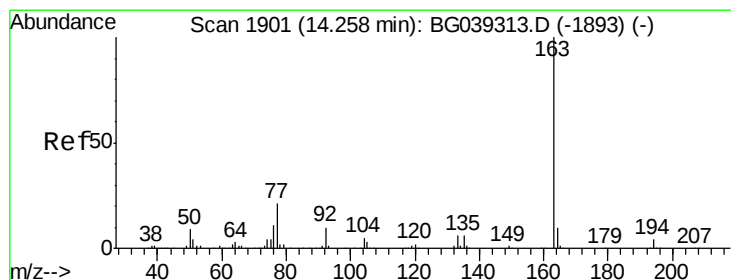
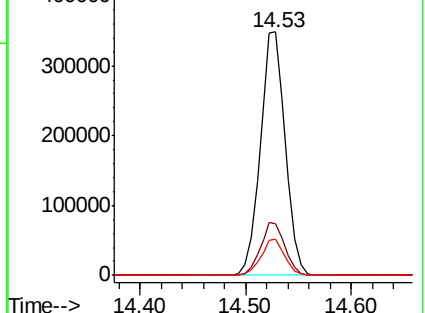
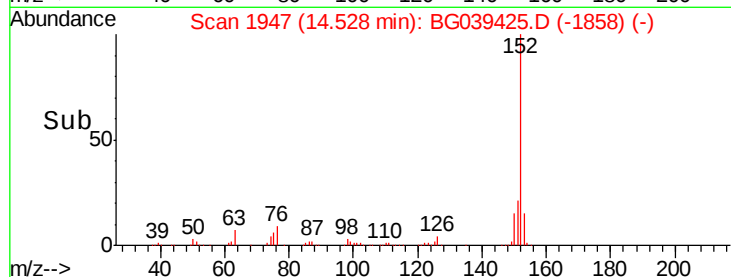
152 100

151 21.2 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: 39.653 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

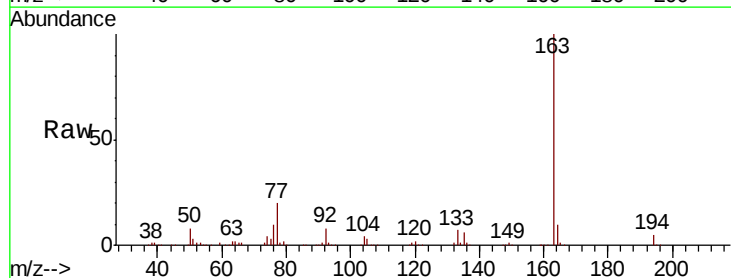
Tgt Ion:163 Resp: 451558

Ion Ratio Lower Upper

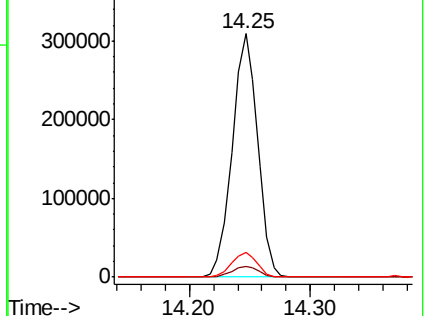
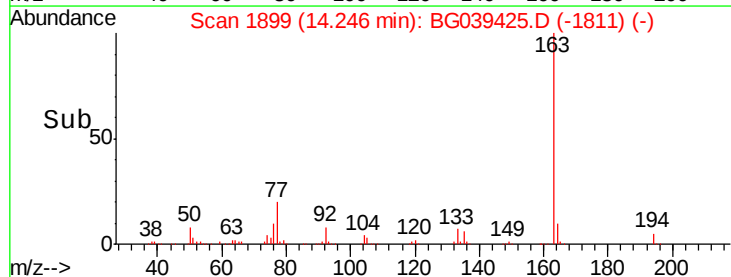
163 100

194 4.5 3.6 5.4

164 10.3 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

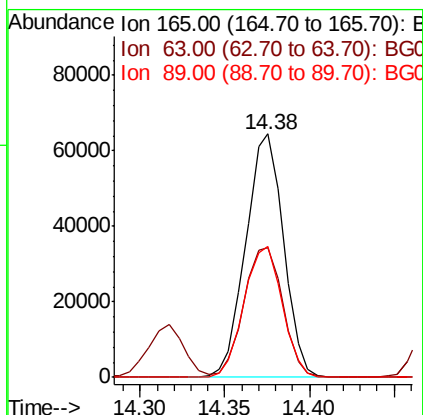
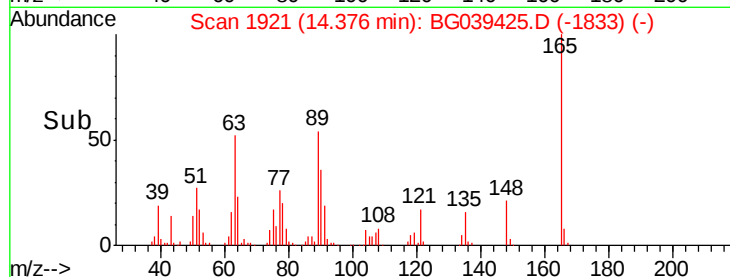
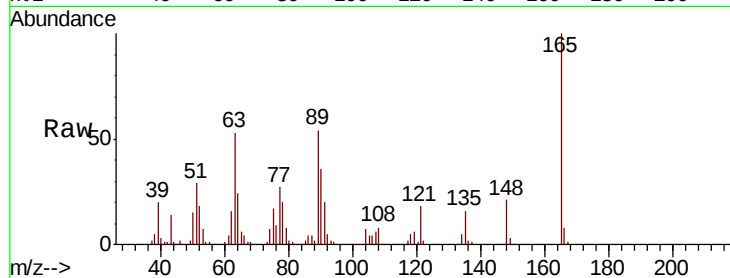




#51
 2,6-Dinitrotoluene
 Concen: 47.217 ng
 RT: 14.38 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

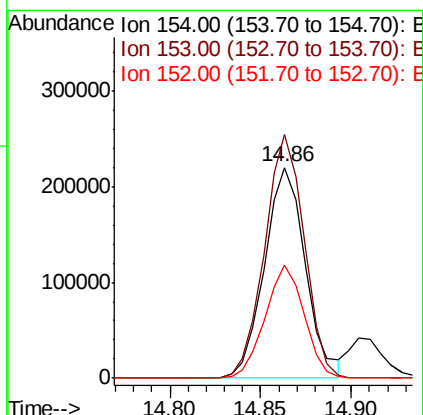
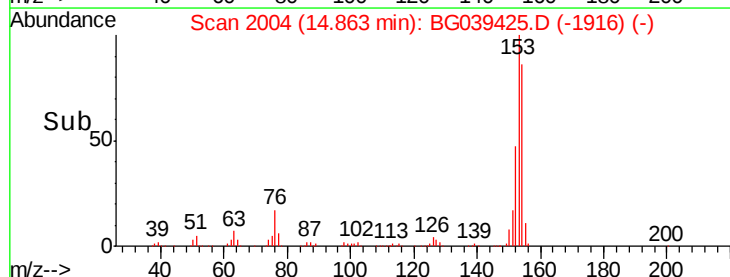
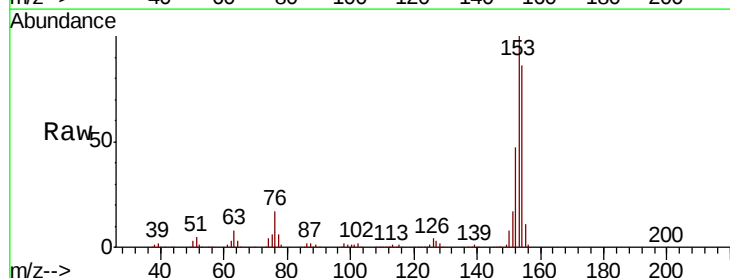
Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

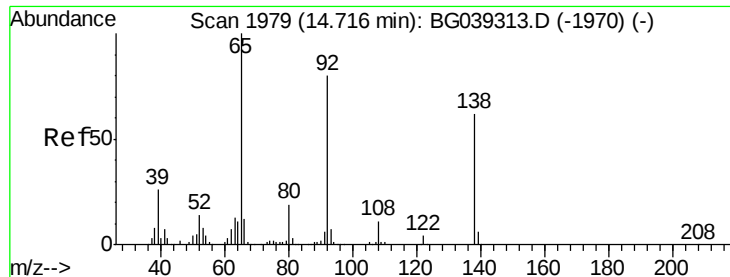
Tgt Ion:165 Resp: 100229
 Ion Ratio Lower Upper
 165 100
 63 53.3 47.0 70.6
 89 53.7 45.8 68.8



#52
 Acenaphthene
 Concen: 40.000 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion:154 Resp: 345774
 Ion Ratio Lower Upper
 154 100
 153 115.7 90.1 135.1
 152 53.8 40.9 61.3





#53

3-Nitroaniline

Concen: 33.361 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

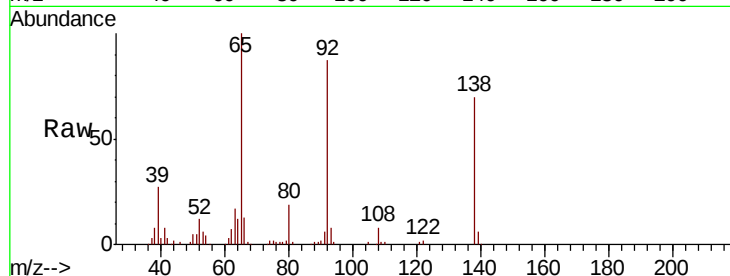
Tgt Ion:138 Resp: 72000

Ion Ratio Lower Upper

138 100

108 11.4 13.8 20.8#

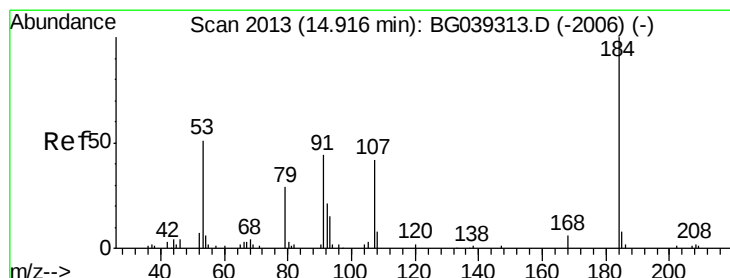
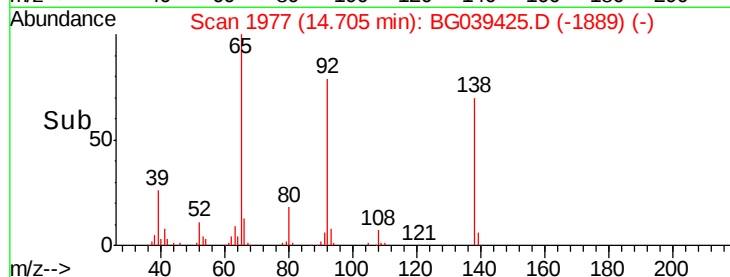
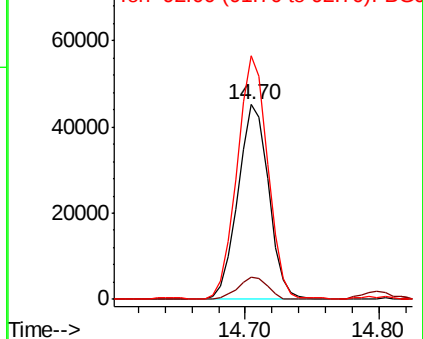
92 125.2 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 100.644 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

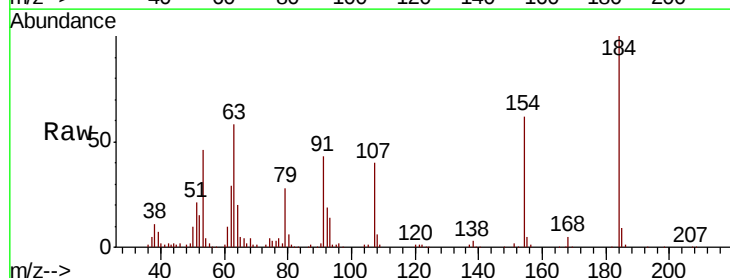
Tgt Ion:184 Resp: 106710

Ion Ratio Lower Upper

184 100

63 57.8 50.9 76.3

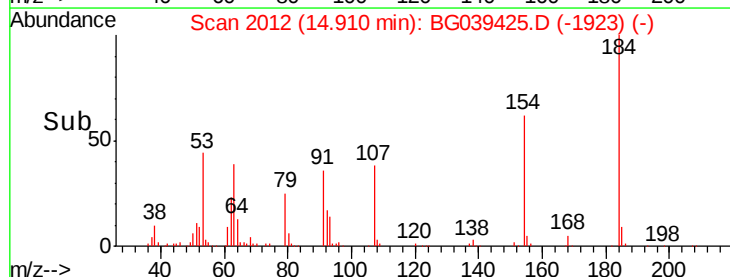
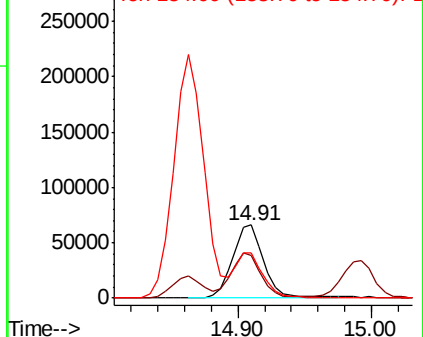
154 61.9 53.0 79.6

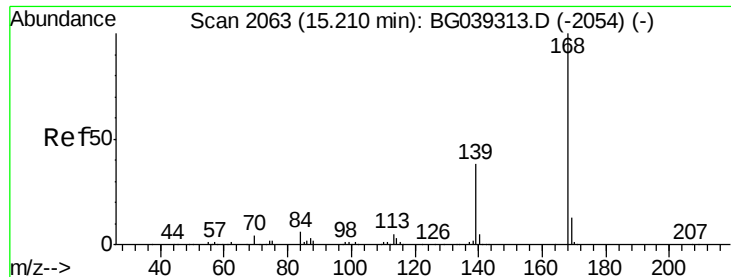


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.016 ng

RT: 15.20 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

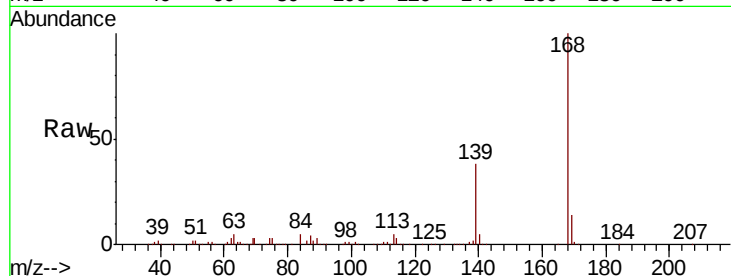
Tgt Ion:168 Resp: 554601

Ion Ratio Lower Upper

168 100

139 37.5 30.1 45.1

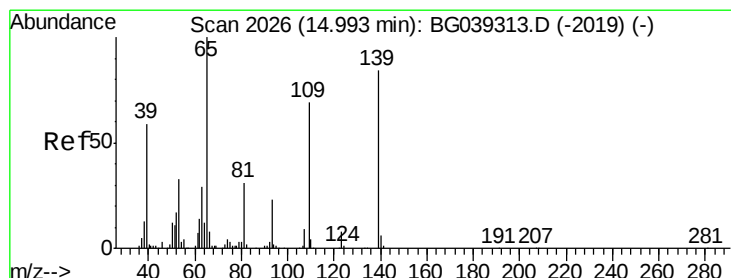
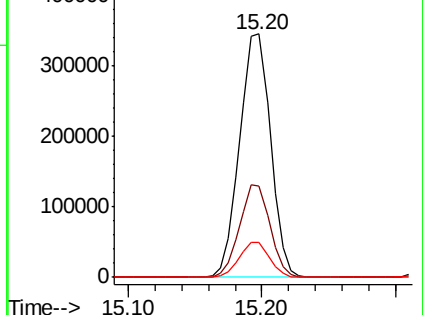
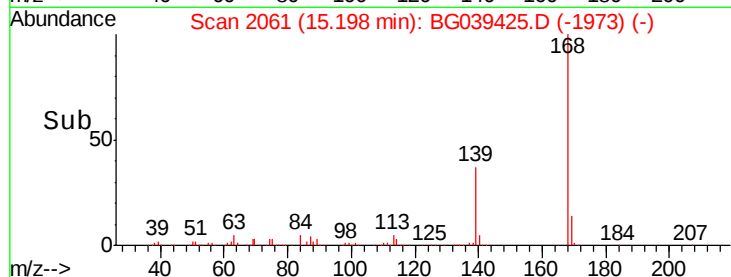
169 14.2 10.6 16.0



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: 87.076 ng

RT: 14.99 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

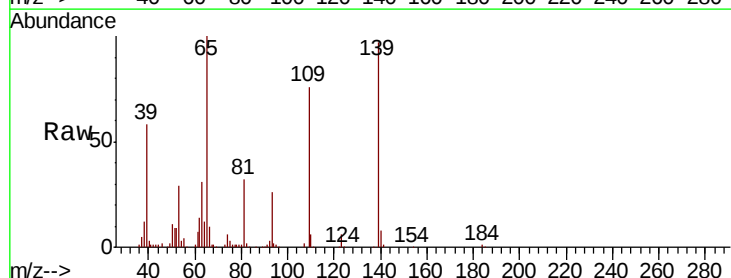
Tgt Ion:139 Resp: 180429

Ion Ratio Lower Upper

139 100

109 78.2 61.9 101.9

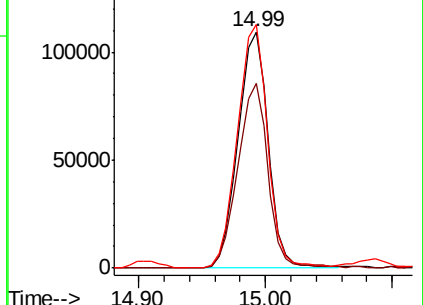
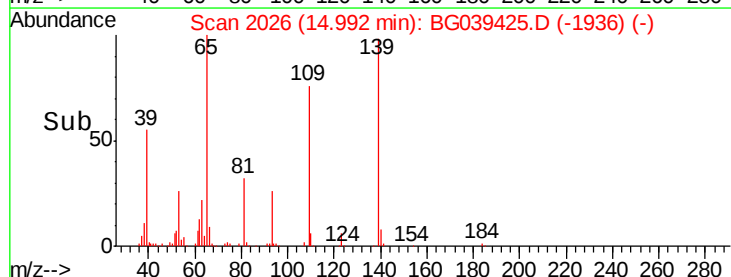
65 103.2 99.1 139.1



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

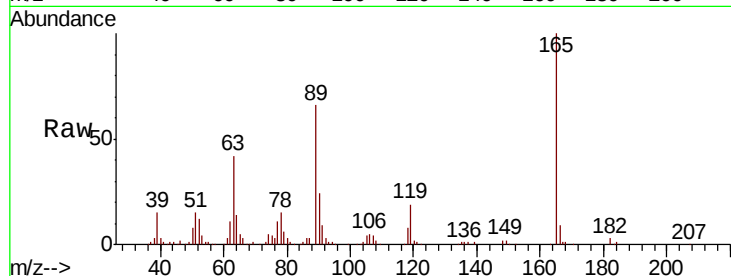




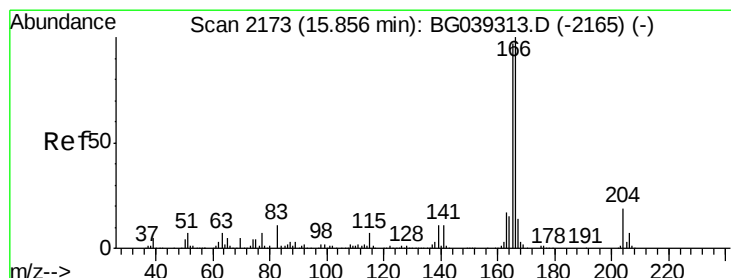
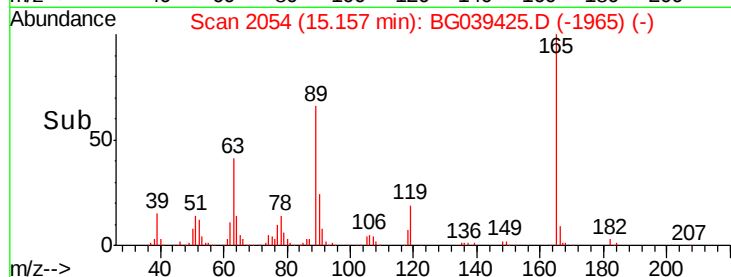
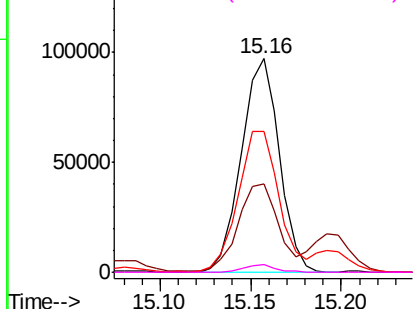
#57
 2,4-Dinitrotoluene
 Concen: 51.448 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.6	41.0	61.6
89	65.7	64.6	96.8
182	3.4	2.0	3.0

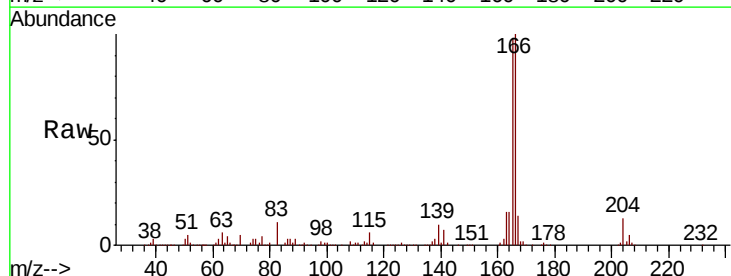


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

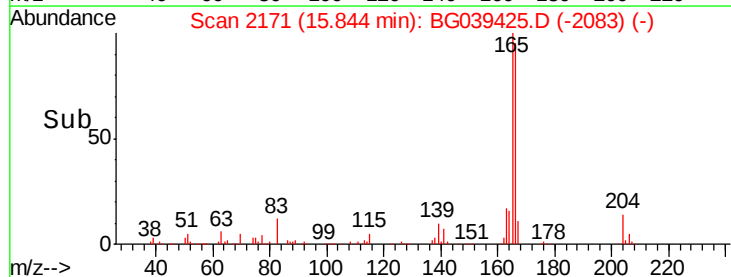
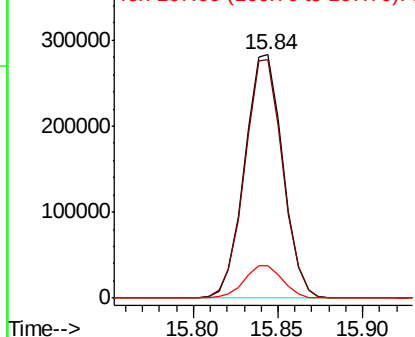


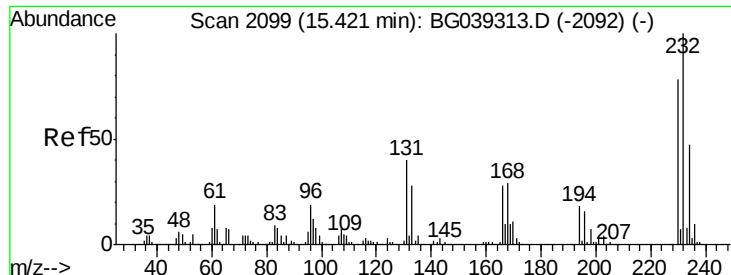
#58
 Fluorene
 Concen: 42.870 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.6	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

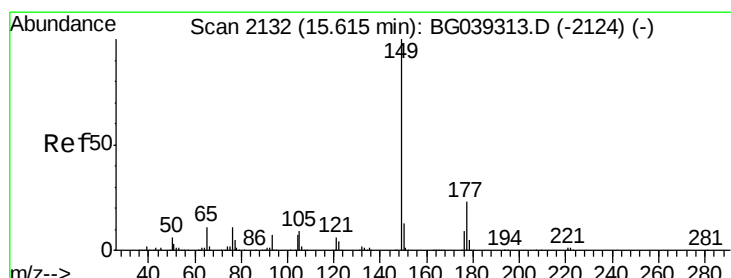
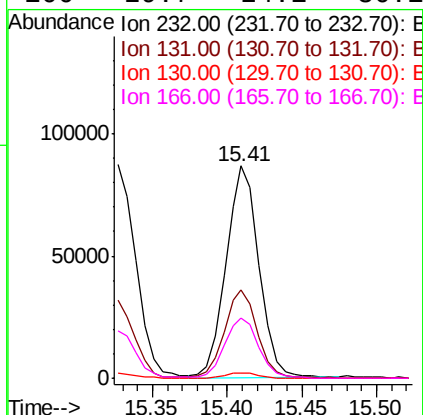
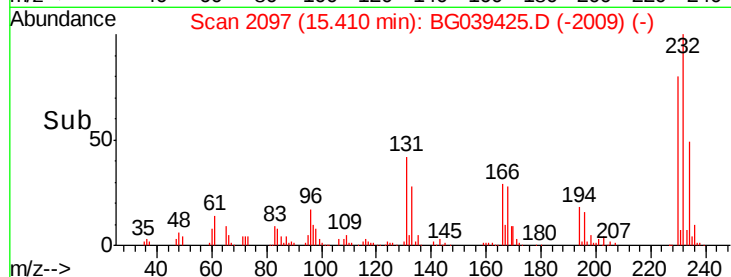
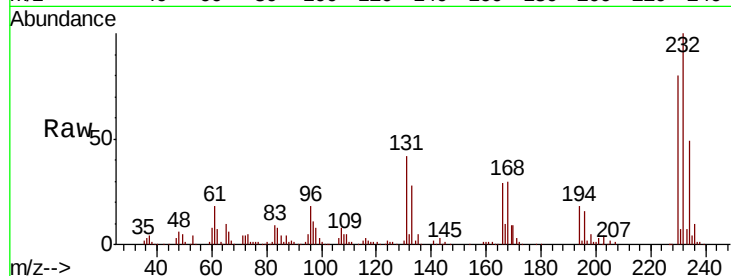




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.094 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

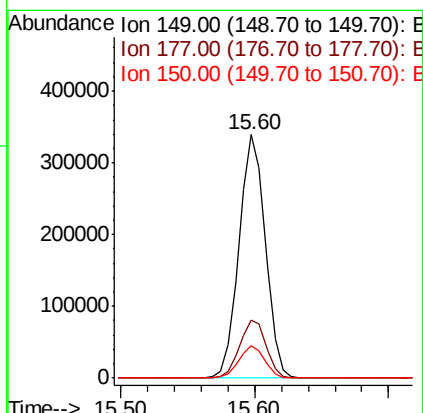
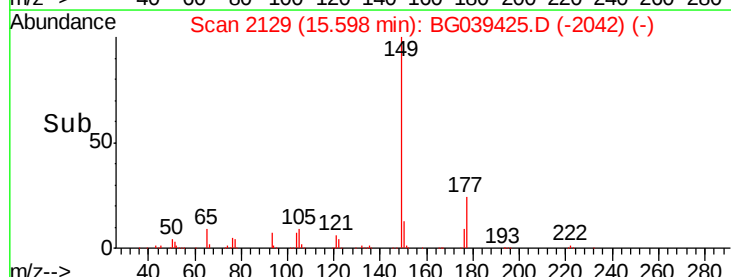
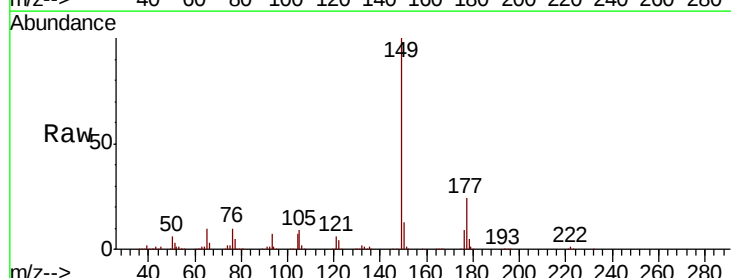
Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

Tgt Ion:	232	Resp:	132892
Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.9	52.3
130	2.6	2.0	3.0
166	29.7	24.1	36.1



#60
 Diethylphthalate
 Concen: 39.059 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion:	149	Resp:	459886
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.3	27.5
150	13.1	10.2	15.2

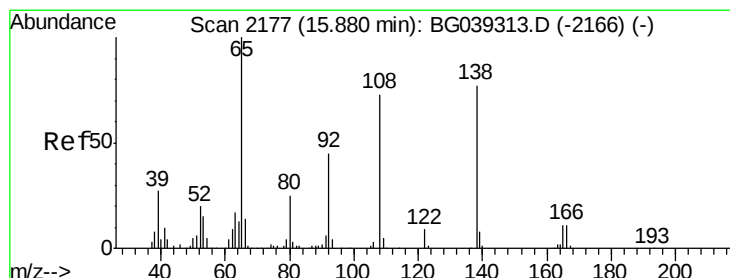
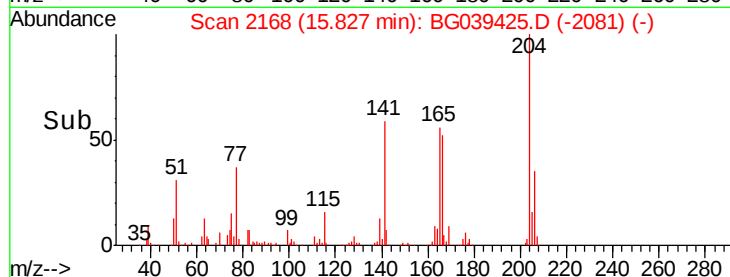
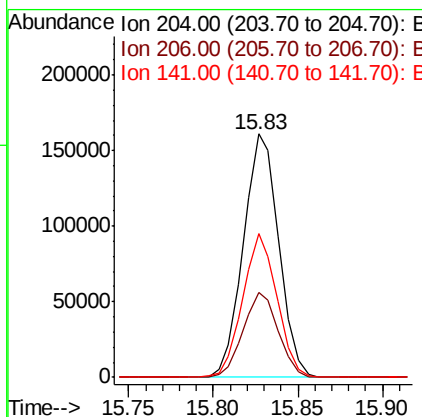
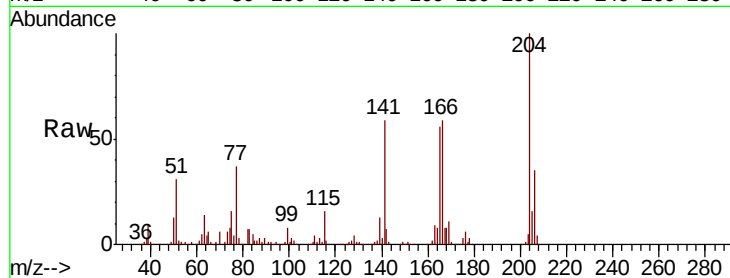




#61
 4-Chlorophenyl-phenylether
 Concen: 39.939 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

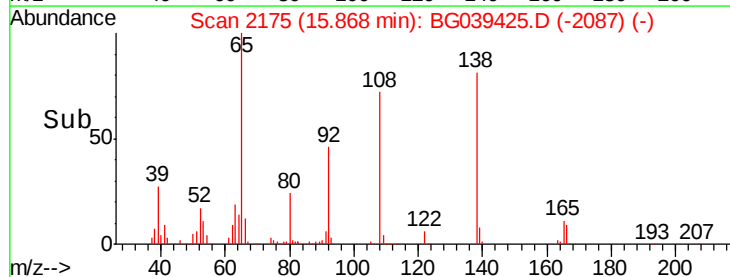
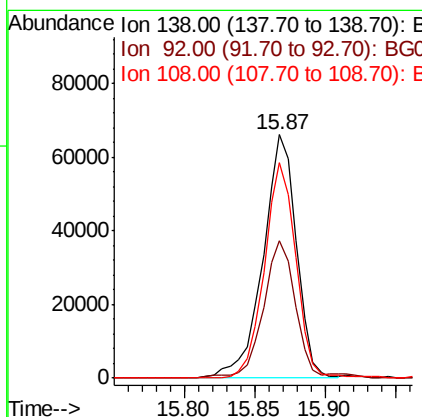
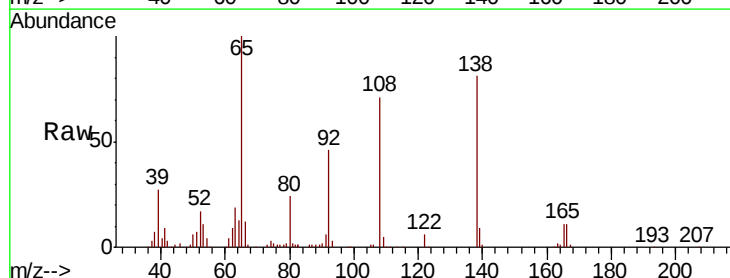
Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

Tgt Ion:204 Resp: 233652
 Ion Ratio Lower Upper
 204 100
 206 34.6 29.2 43.8
 141 59.0 49.0 73.4



#62
 4-Nitroaniline
 Concen: 46.054 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion:138 Resp: 109531
 Ion Ratio Lower Upper
 138 100
 92 56.6 38.7 78.7
 108 88.4 74.6 114.6

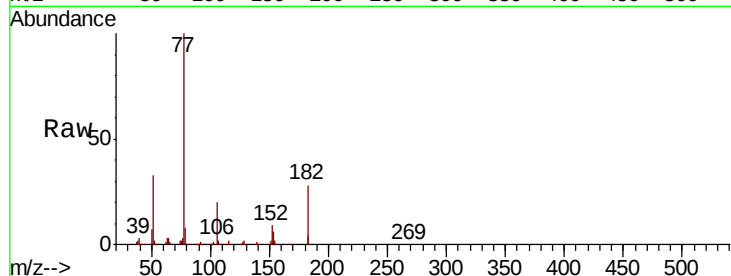




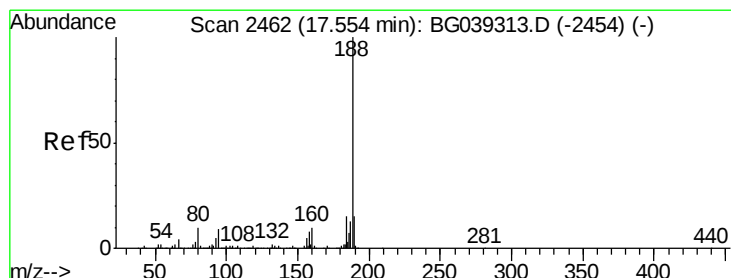
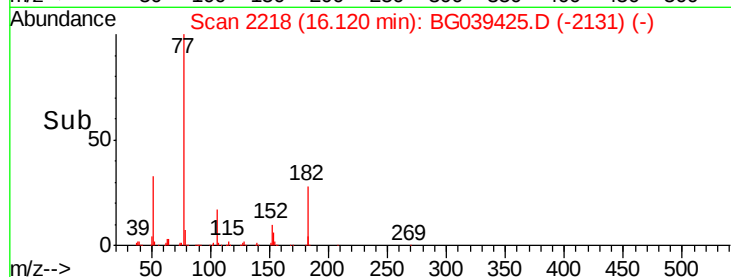
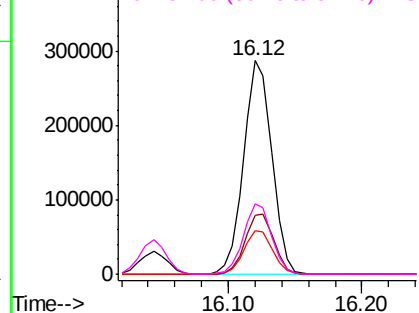
#63
Azobenzene
Concen: 36.308 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
PB116948BS

Tgt Ion: 77 Resp: 417841
Ion Ratio Lower Upper
77 100
182 27.8 6.4 46.4
105 20.4 0.0 39.8
51 33.1 14.1 54.1

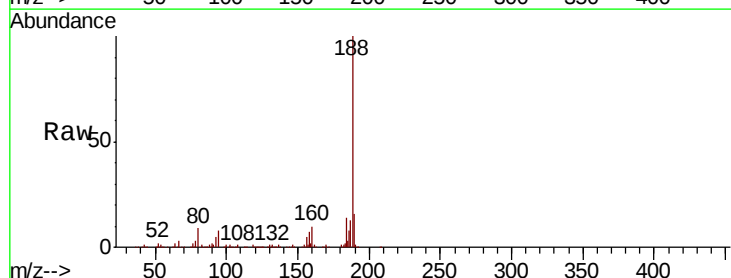


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

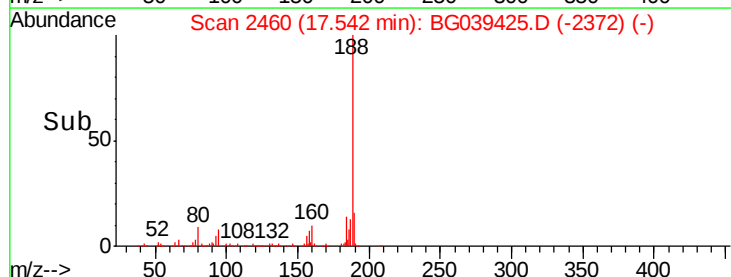
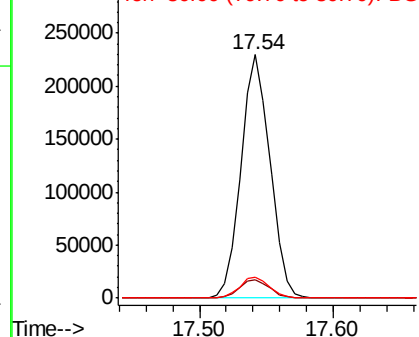


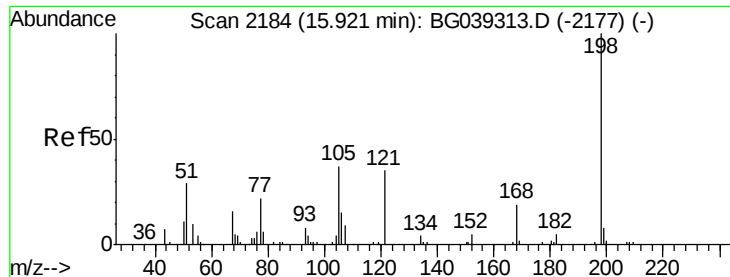
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion: 188 Resp: 345074
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 8.6 8.1 12.1



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





#65

4,6-Dinitro-2-methylphenol

Concen: 51.177 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

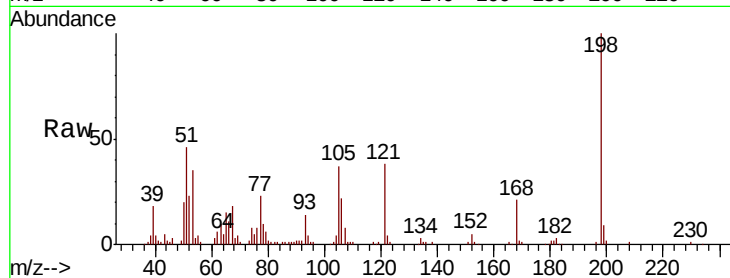
Tgt Ion:198 Resp: 71439

Ion Ratio Lower Upper

198 100

51 45.8 27.4 67.4

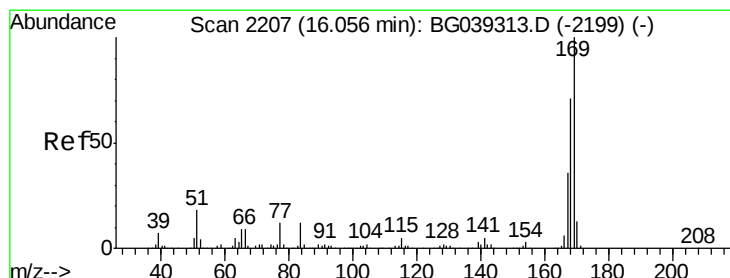
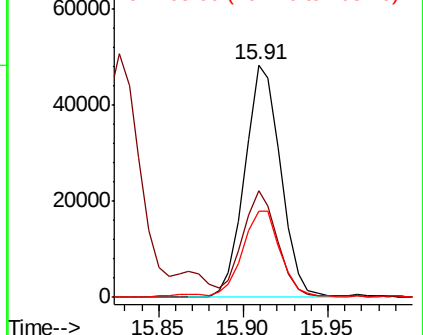
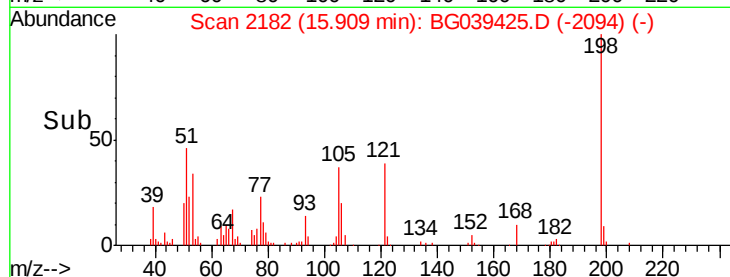
105 37.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039425.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.947 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

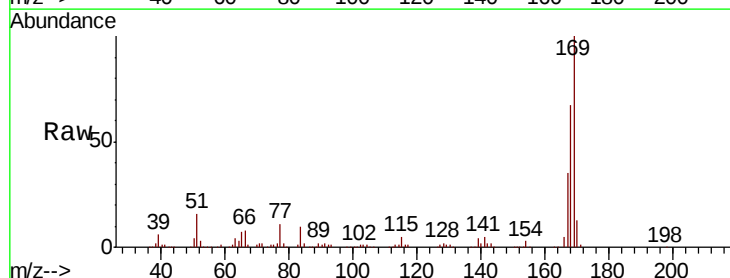
Tgt Ion:169 Resp: 408649

Ion Ratio Lower Upper

169 100

168 66.8 56.6 85.0

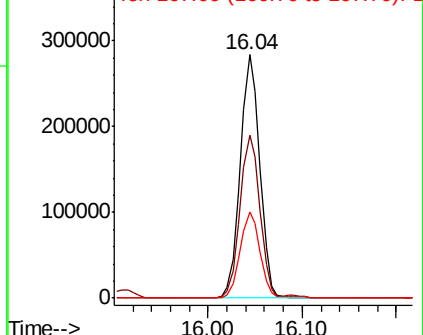
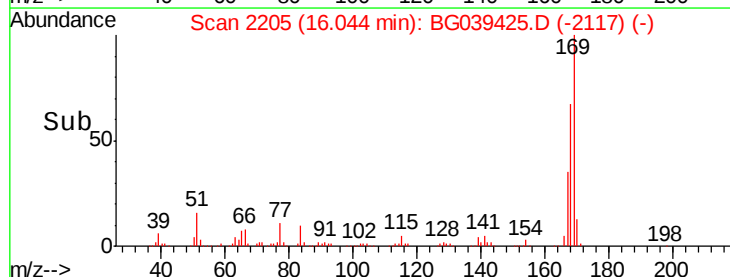
167 35.4 28.8 43.2



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

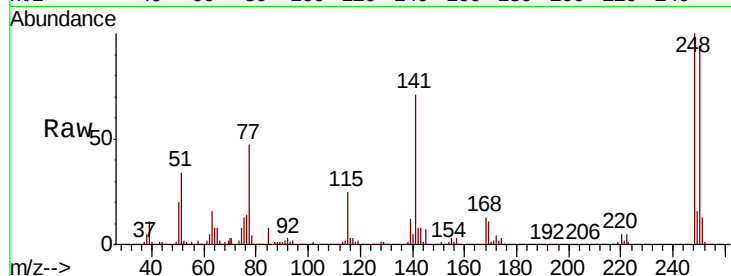




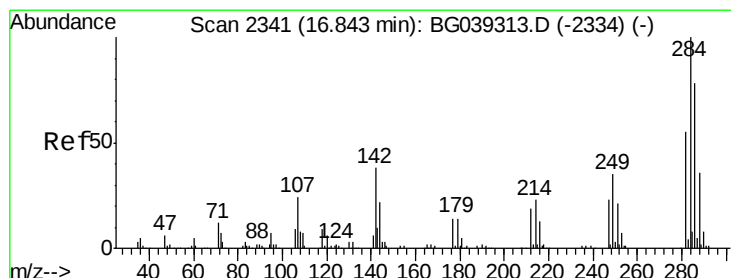
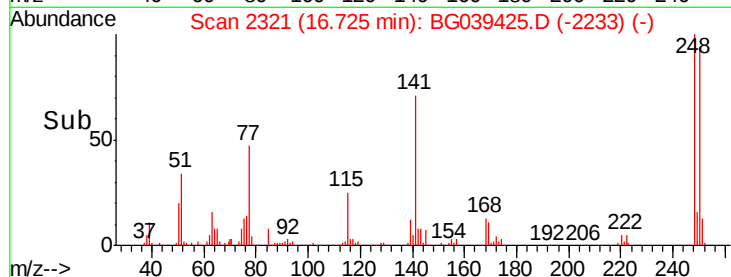
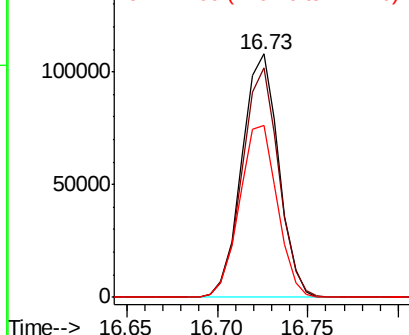
#67
4-Bromophenyl-phenylether
Concen: 39.919 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
PB116948BS

Tgt Ion:248 Resp: 152820
Ion Ratio Lower Upper
248 100
250 94.4 77.6 116.4
141 70.6 63.9 95.9

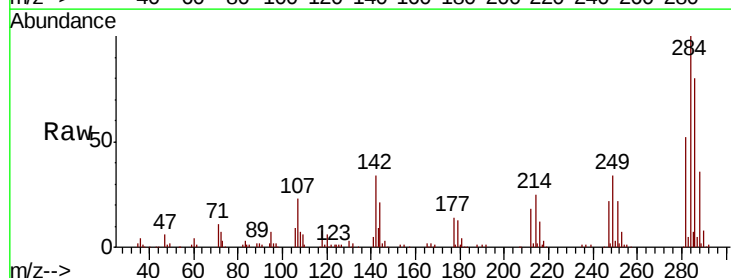


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

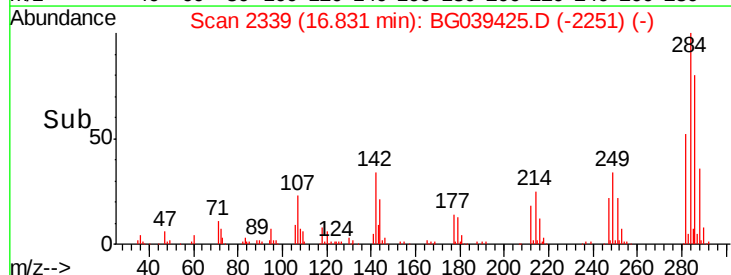
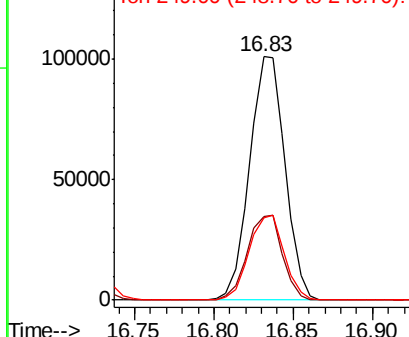


#68
Hexachlorobenzene
Concen: 40.857 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion:284 Resp: 156927
Ion Ratio Lower Upper
284 100
142 34.5 30.6 45.8
249 33.7 28.2 42.2



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





#69

Atrazine

Concen: 42.585 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

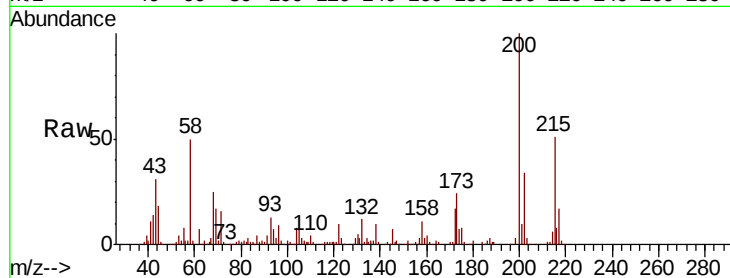
Tgt Ion:200 Resp: 163286

Ion Ratio Lower Upper

200 100

173 24.2 3.9 43.9

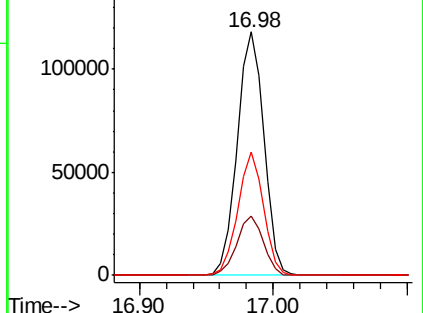
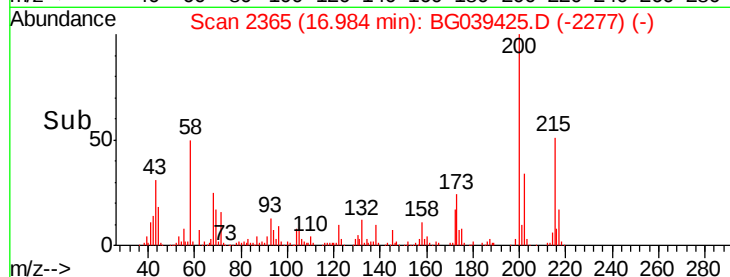
215 50.8 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.917 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

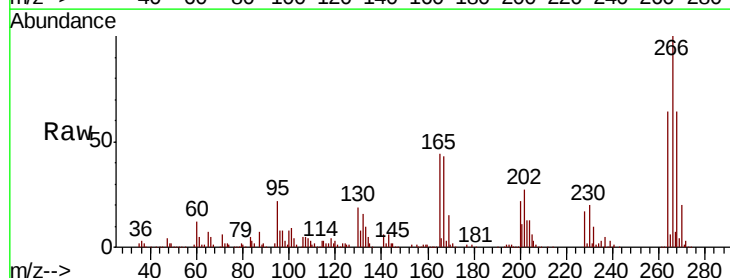
Tgt Ion:266 Resp: 202656

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

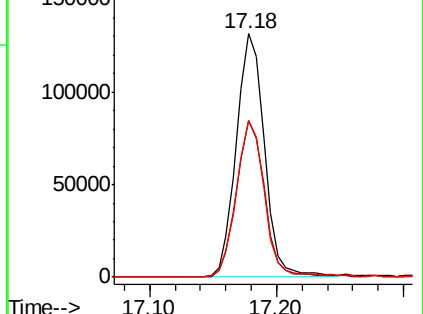
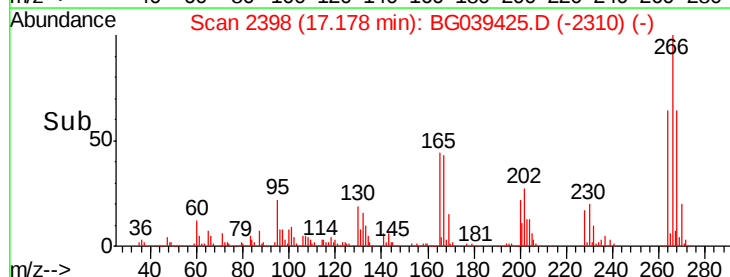
264 64.2 52.1 78.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

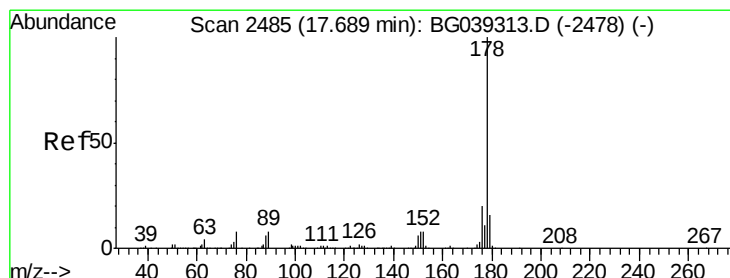
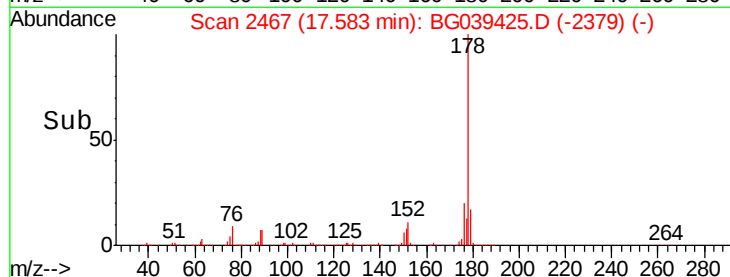
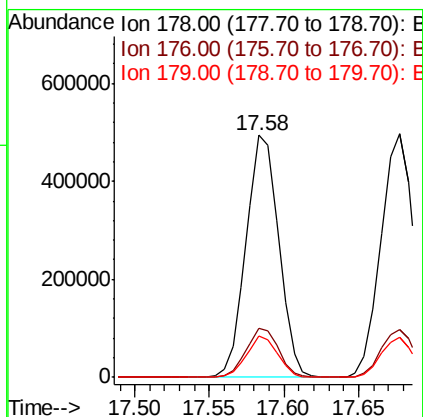
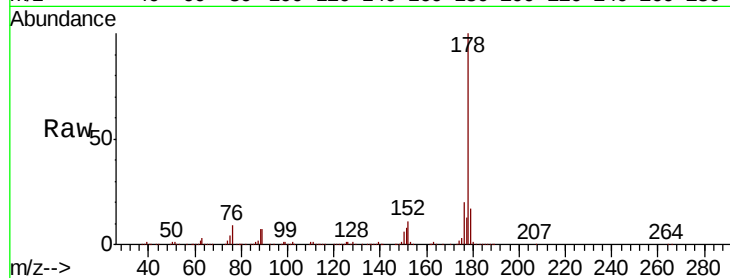




#71
Phenanthrene
Concen: 41.884 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

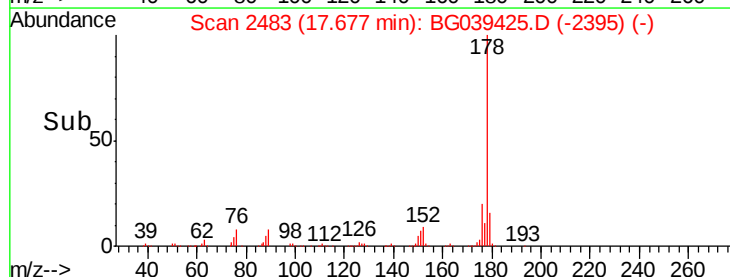
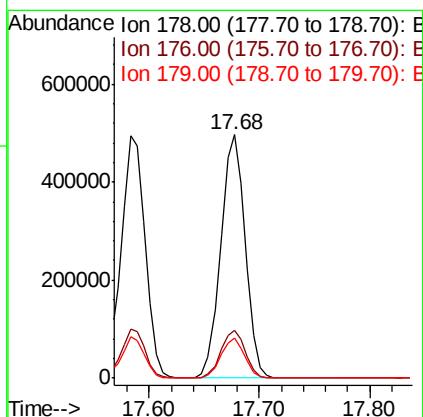
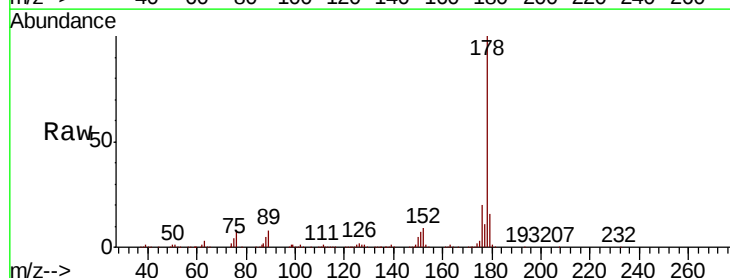
Instrument :
BNA_G
ClientSampleId :
PB116948BS

Tgt Ion:178 Resp: 748046
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 17.2 12.6 19.0



#72
Anthracene
Concen: 43.537 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion:178 Resp: 765914
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.5 12.5 18.7

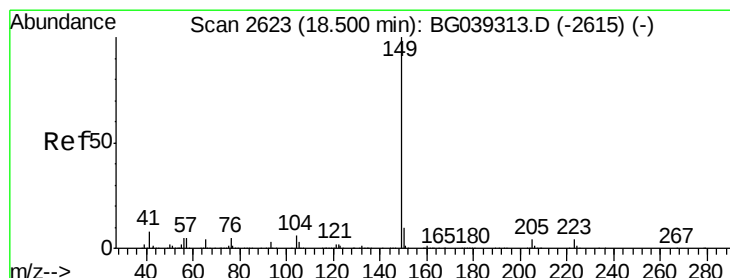
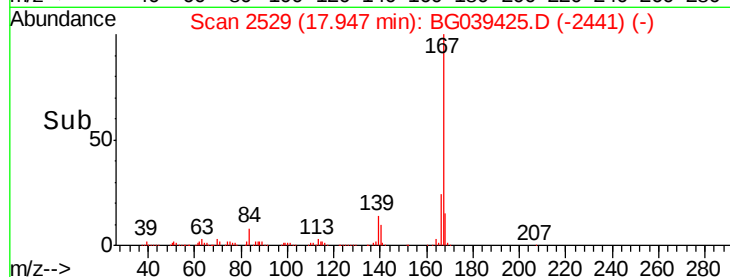
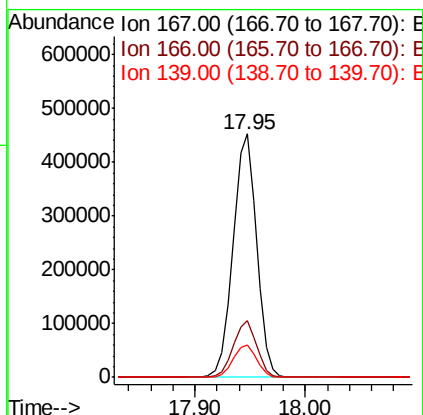
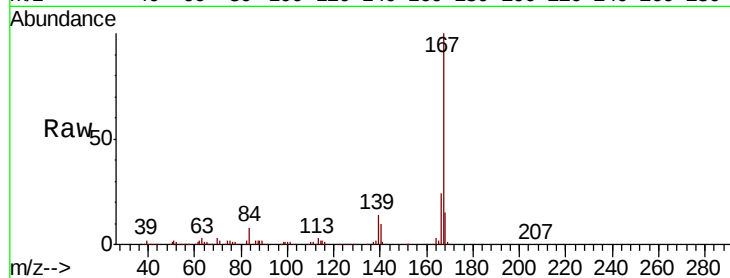




#73
 Carbazole
 Concen: 38.569 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

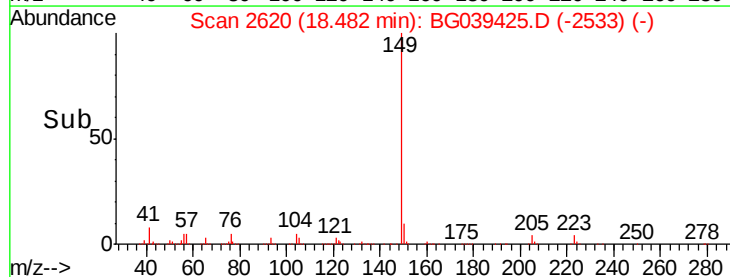
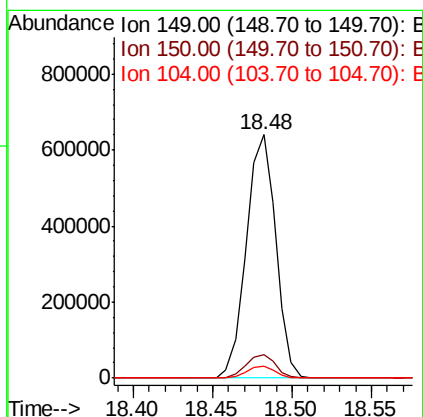
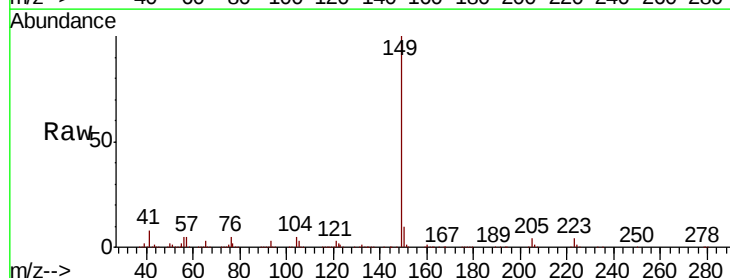
Instrument :
 BNA_G
 ClientSampleId :
 PB116948BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	13.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 40.245 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039425.D
 Acq: 8 Feb 2019 21:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.1	4.5	6.7





#75

Fluoranthene

Concen: 44.349 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

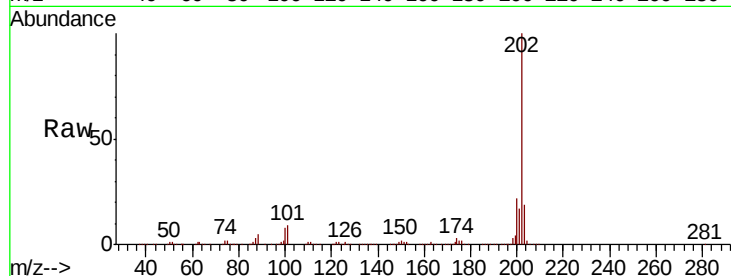
Tgt Ion:202 Resp: 919352

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.0

203 19.1 0.0 38.9

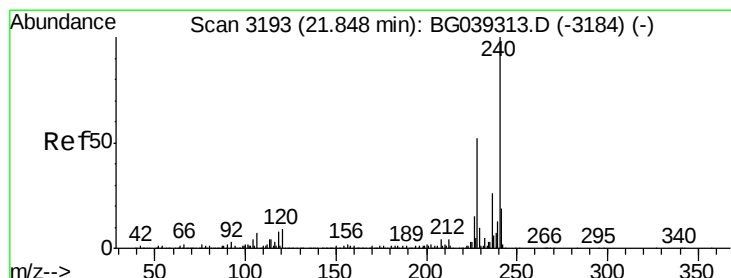
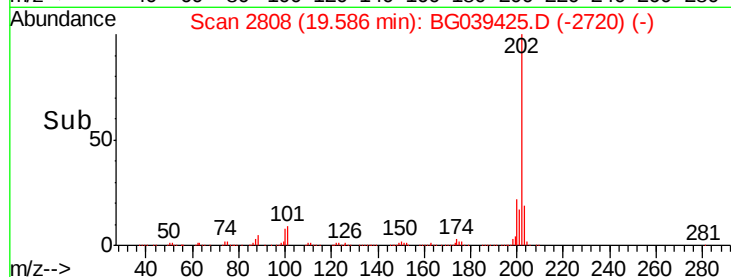
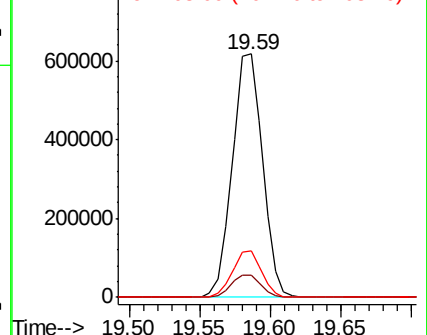


Abundance

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: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

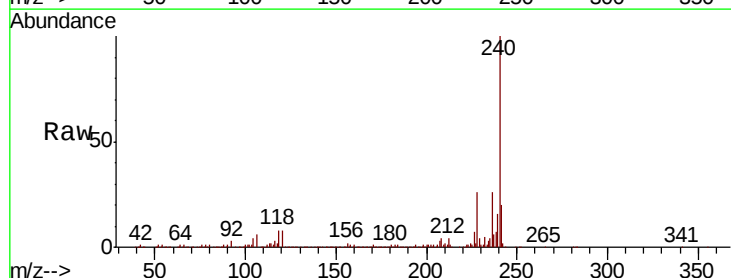
Tgt Ion:240 Resp: 366208

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

236 26.3 21.0 31.4

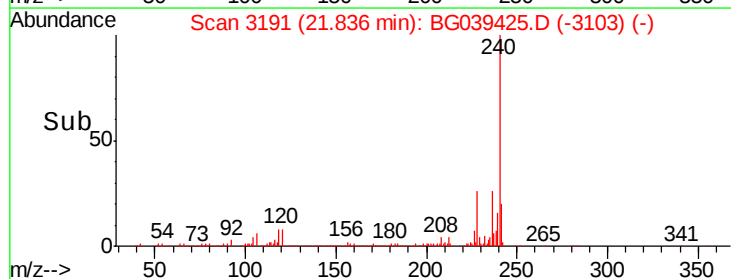
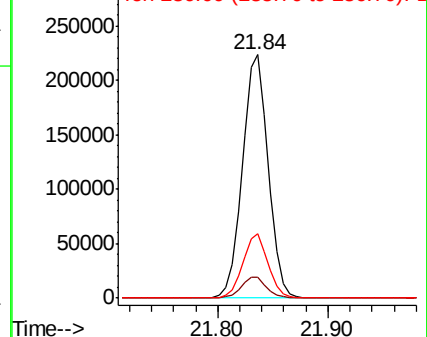


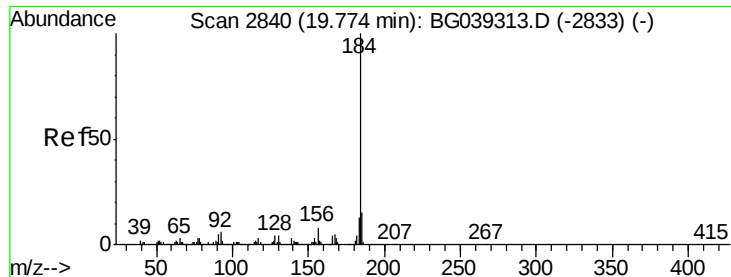
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.118 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

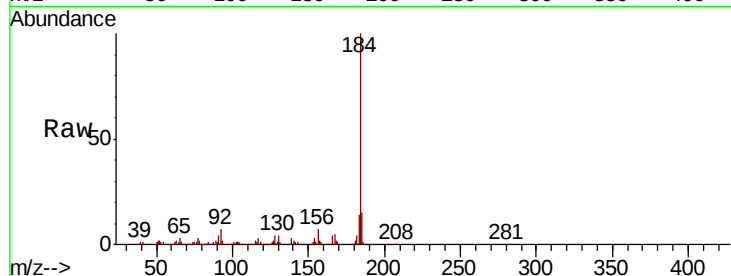
Tgt Ion:184 Resp: 457652

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

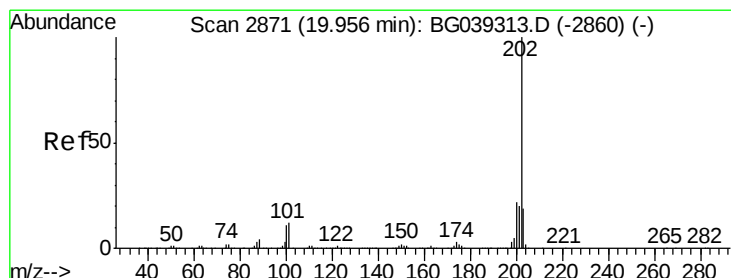
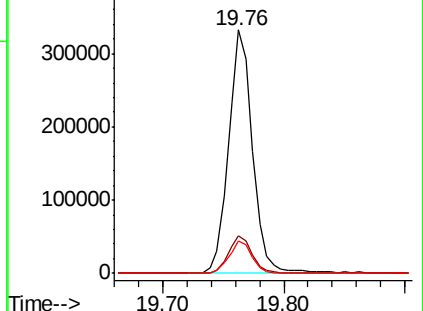
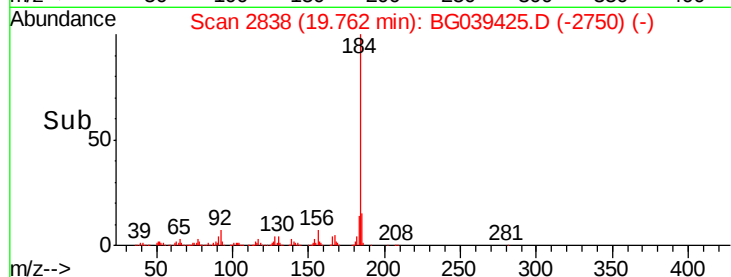
183 13.6 10.6 15.8



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: 40.727 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

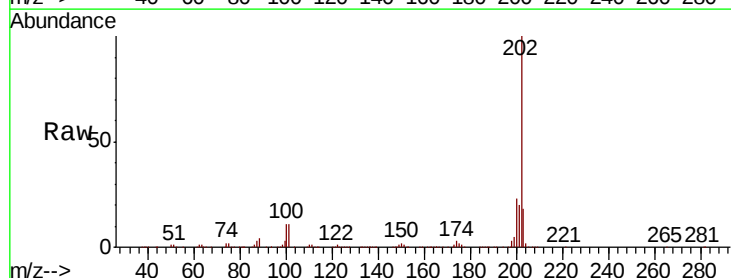
Tgt Ion:202 Resp: 928474

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

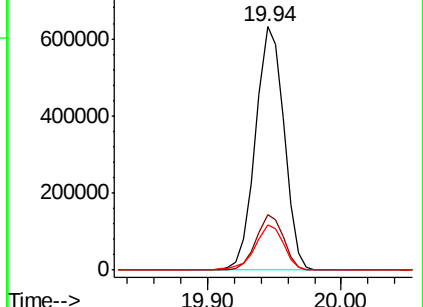
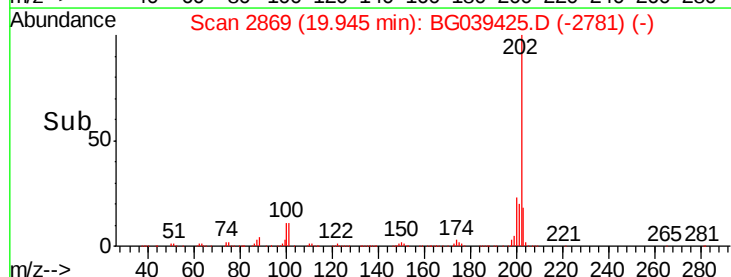
203 18.5 15.3 22.9

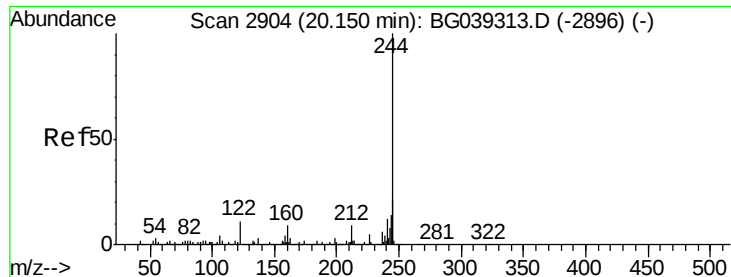


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.166 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

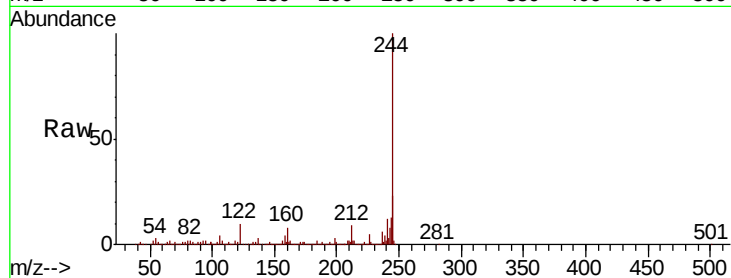
Tgt Ion:244 Resp: 1369647

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

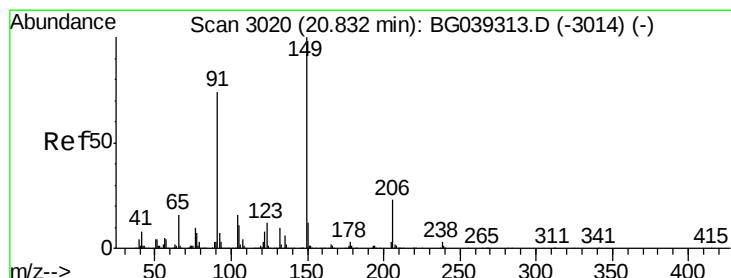
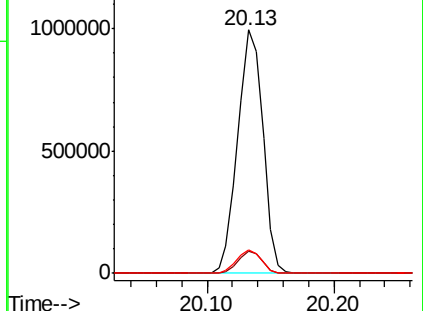
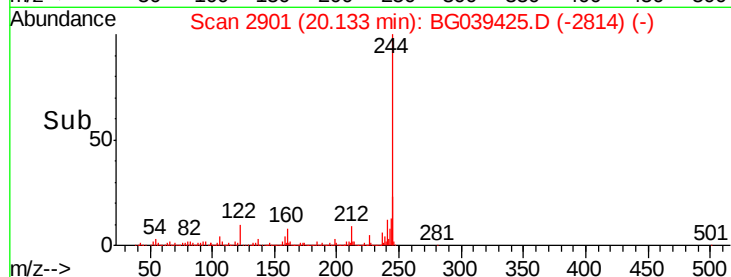
122 9.9 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.872 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

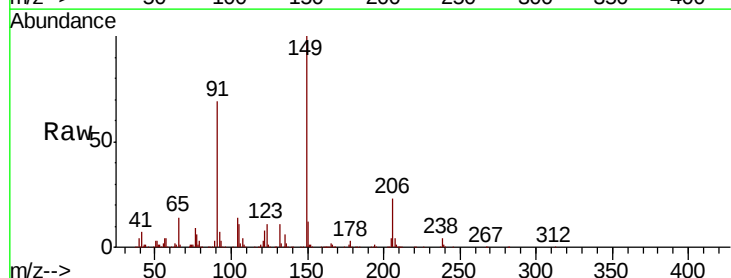
Tgt Ion:149 Resp: 393056

Ion Ratio Lower Upper

149 100

91 68.5 59.5 89.3

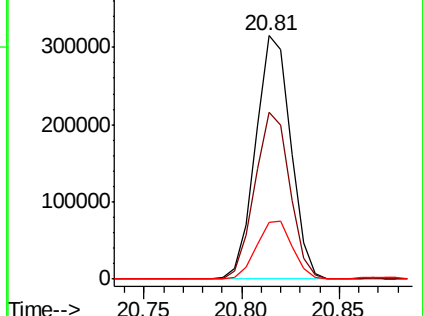
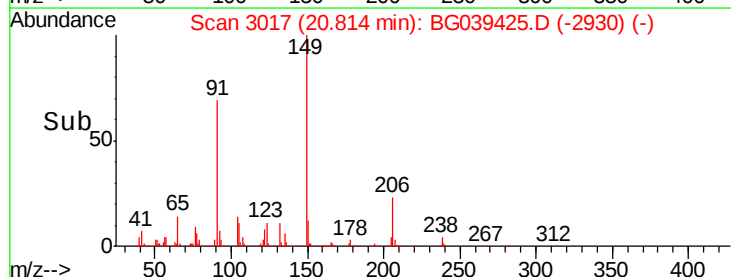
206 23.5 18.6 27.8

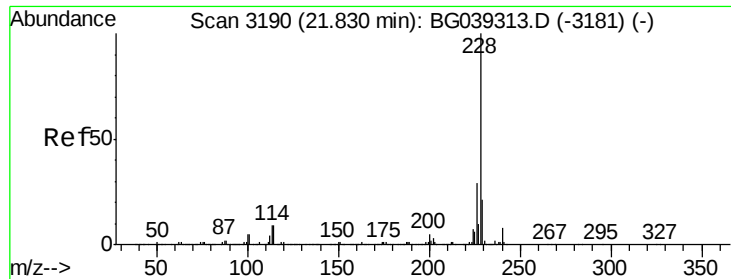


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.747 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

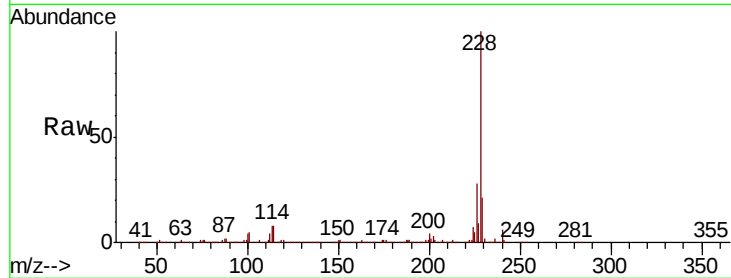
Tgt Ion:228 Resp: 924997

Ion Ratio Lower Upper

228 100

226 27.9 23.0 34.6

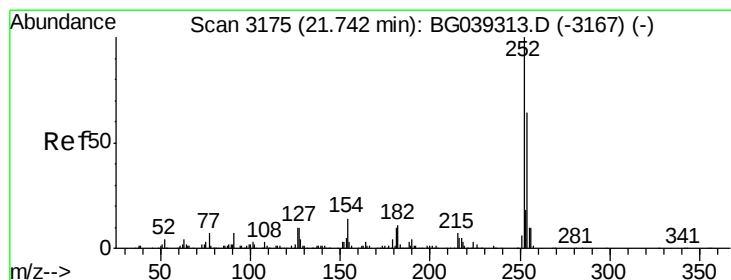
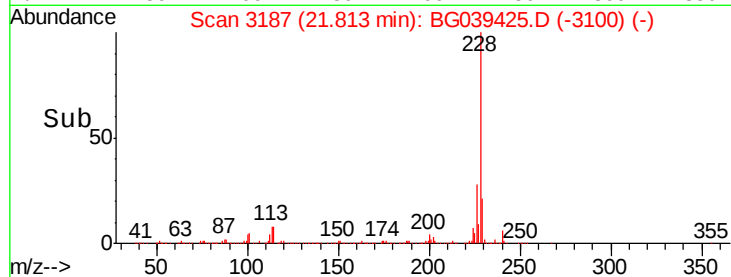
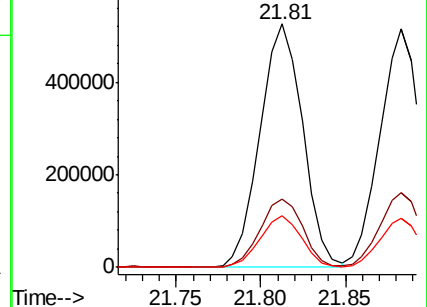
229 21.1 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.424 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

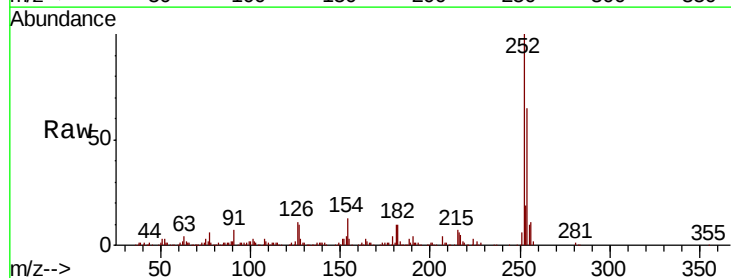
Tgt Ion:252 Resp: 195969

Ion Ratio Lower Upper

252 100

254 64.8 51.3 76.9

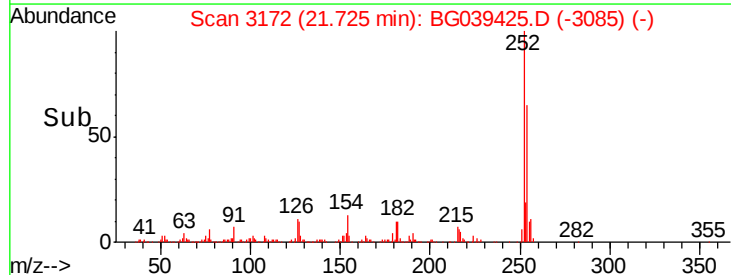
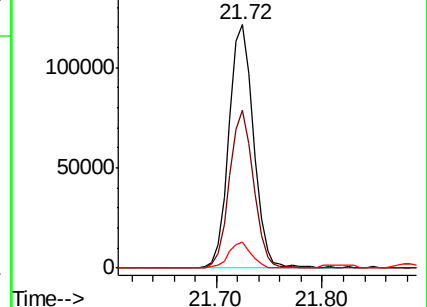
126 10.6 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.667 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

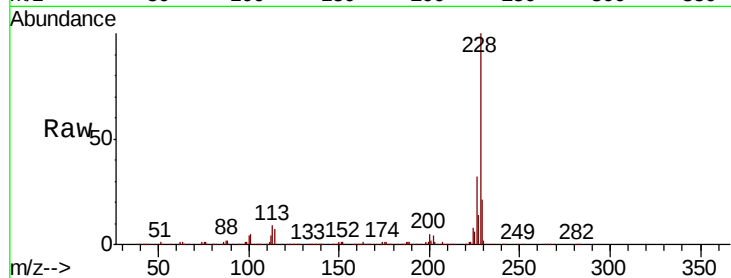
Tgt Ion:228 Resp: 858301

Ion Ratio Lower Upper

228 100

226 31.6 25.8 38.6

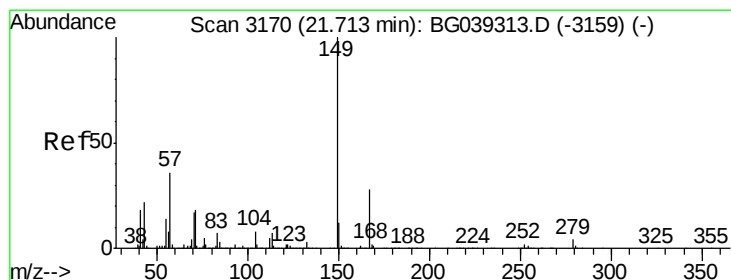
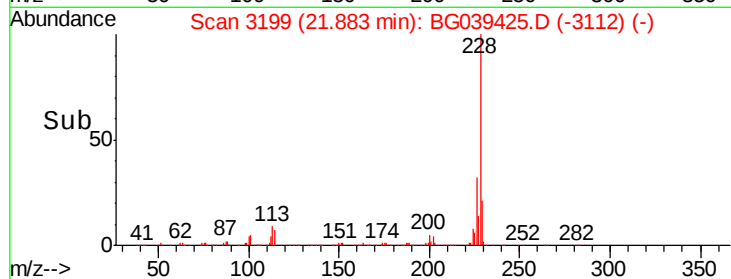
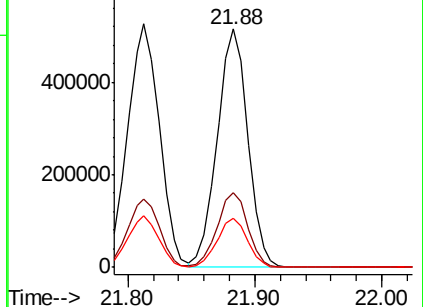
229 20.6 16.6 25.0



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: 39.882 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

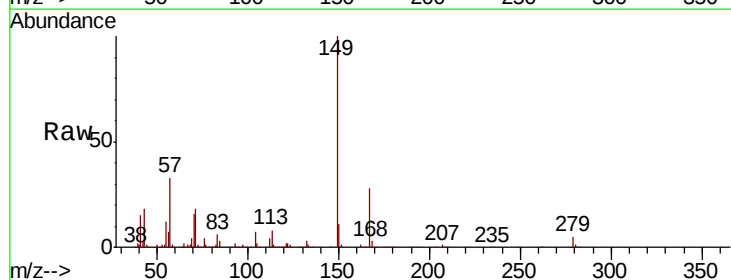
Tgt Ion:149 Resp: 547174

Ion Ratio Lower Upper

149 100

167 27.9 22.6 34.0

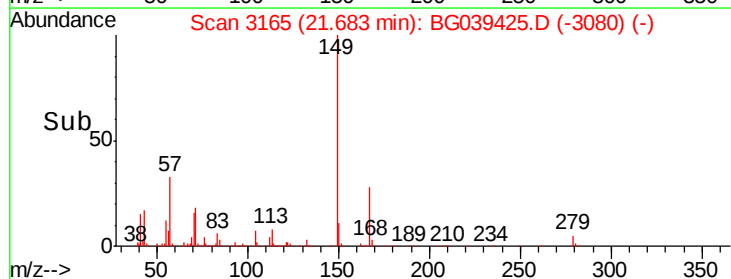
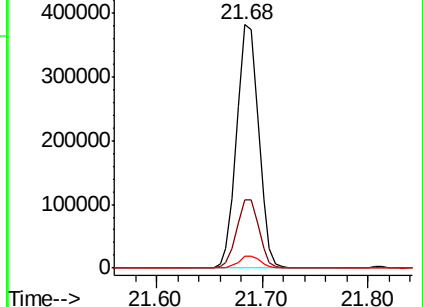
279 4.8 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.223 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

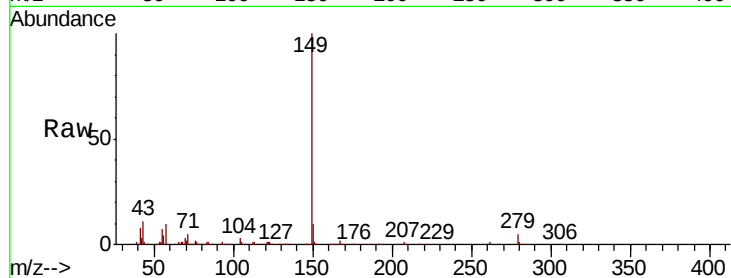
Tgt Ion:149 Resp: 934384

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

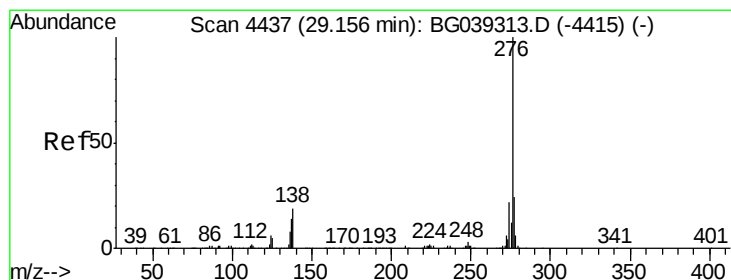
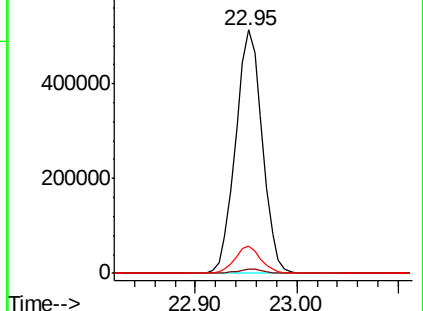
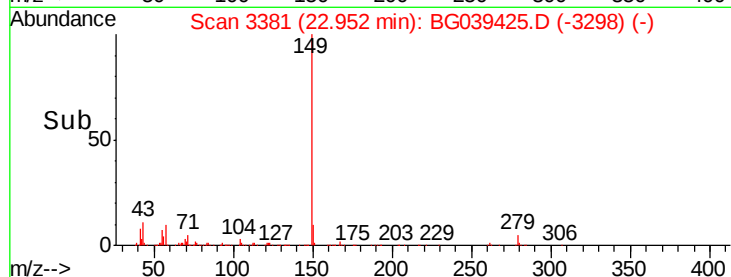
43 10.8 10.2 15.4



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: 46.676 ng

RT: 29.10 min Scan# 4428

Delta R.T. -0.05 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

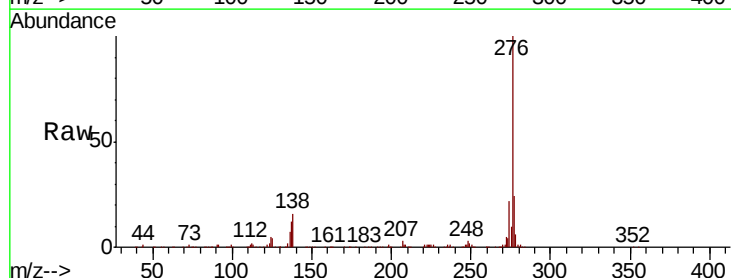
Tgt Ion:276 Resp: 1031575

Ion Ratio Lower Upper

276 100

138 13.1 12.6 19.0

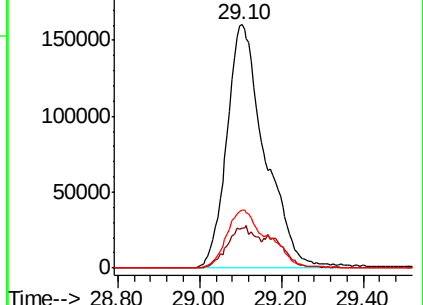
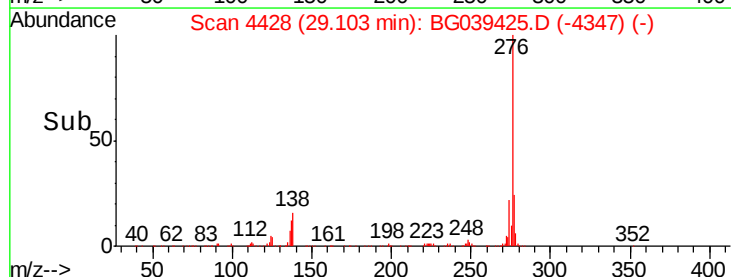
277 25.8 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



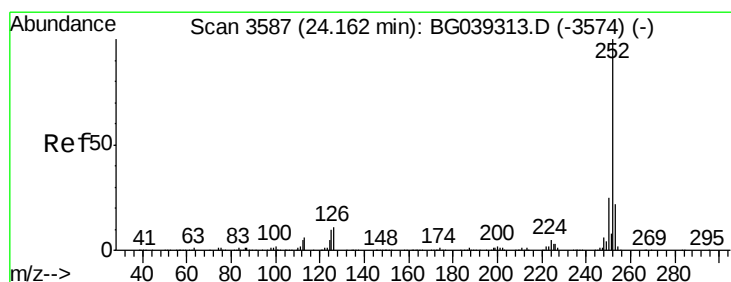
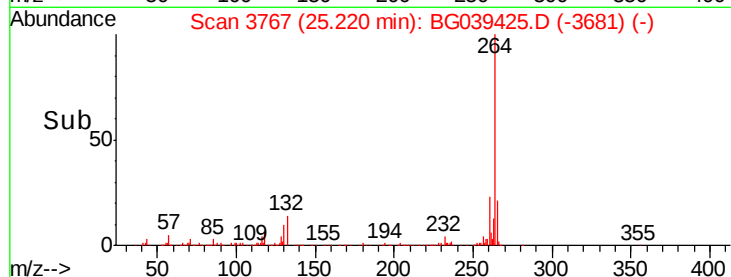
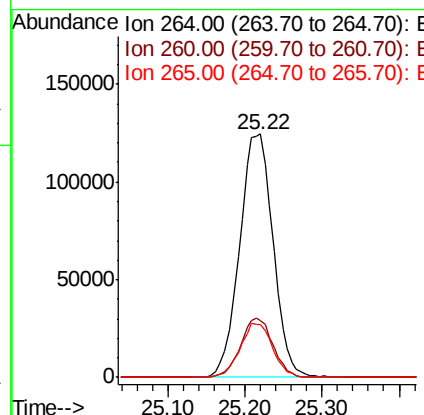
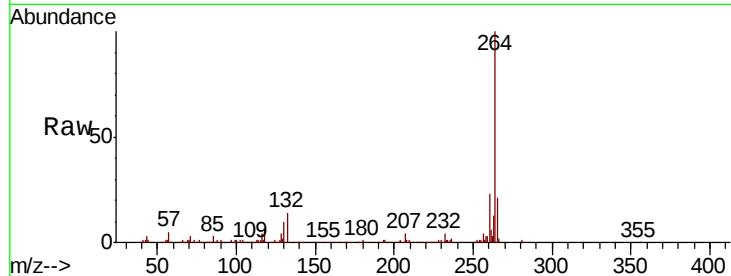


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Instrument :
BNA_G
ClientSampleId :
PB116948BS

Tgt Ion: 264 Resp: 378861

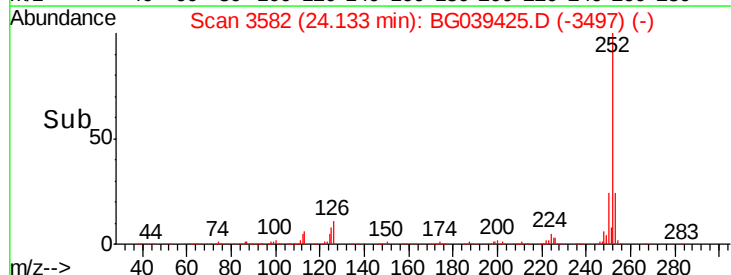
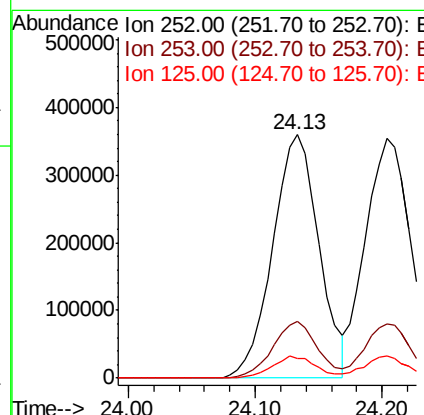
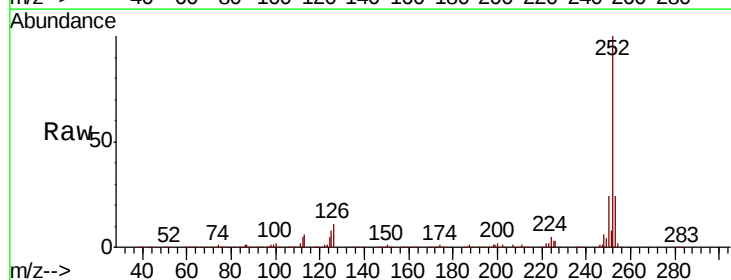
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.5	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 44.184 ng
RT: 24.13 min Scan# 3582
Delta R.T. -0.03 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion: 252 Resp: 912910

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	8.2	7.8	11.6

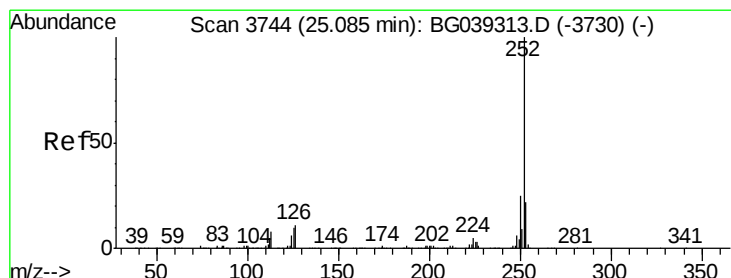
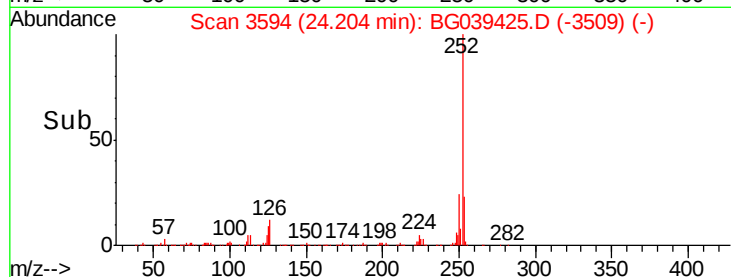
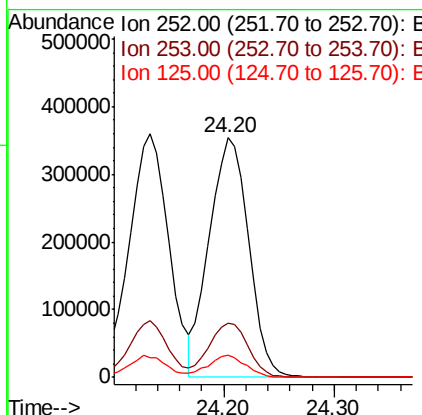
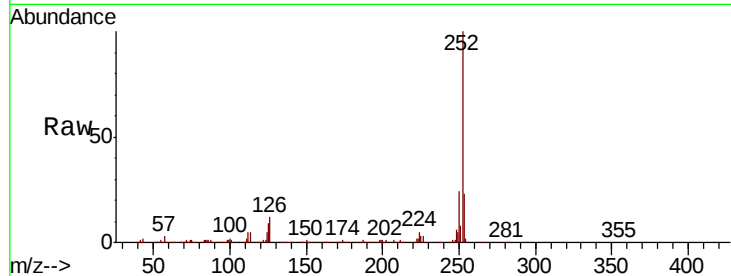




#89
Benzo(k)fluoranthene
Concen: 42.081 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

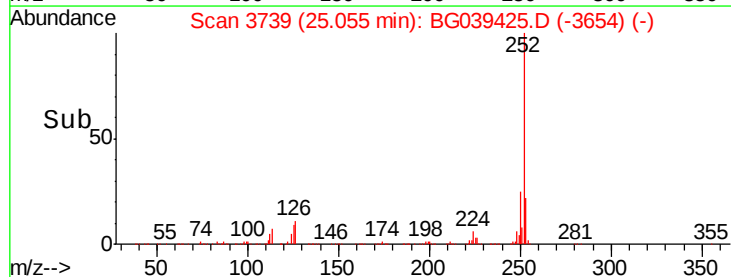
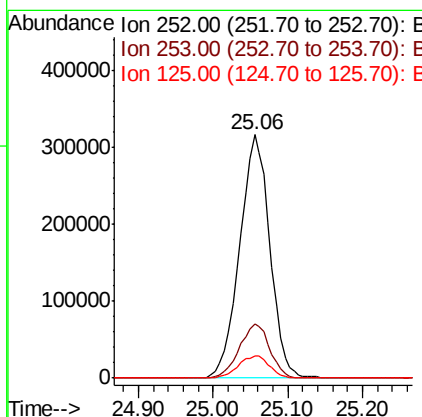
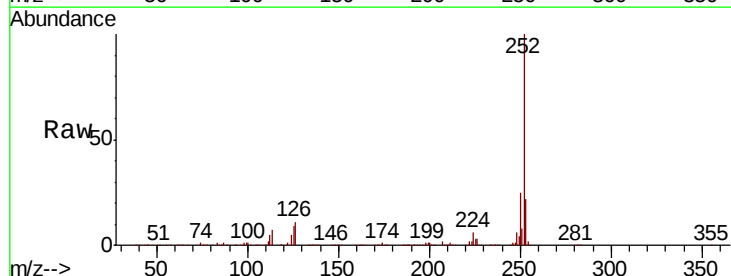
Instrument :
BNA_G
ClientSampleId :
PB116948BS

Tgt Ion: 252 Resp: 872917
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.503 ng
RT: 25.06 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG039425.D
Acq: 8 Feb 2019 21:12

Tgt Ion: 252 Resp: 885551
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.340 ng

RT: 29.18 min Scan# 4441

Delta R.T. -0.06 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

Instrument :

BNA_G

ClientSampleId :

PB116948BS

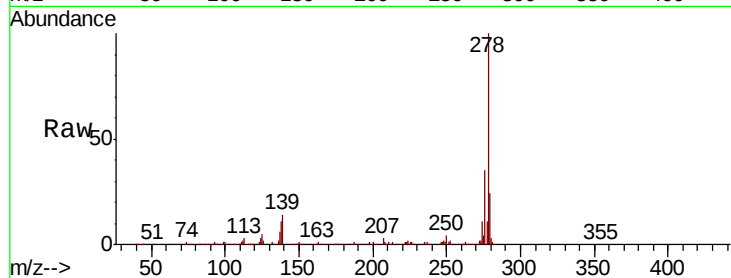
Tgt Ion:278 Resp: 826264

Ion Ratio Lower Upper

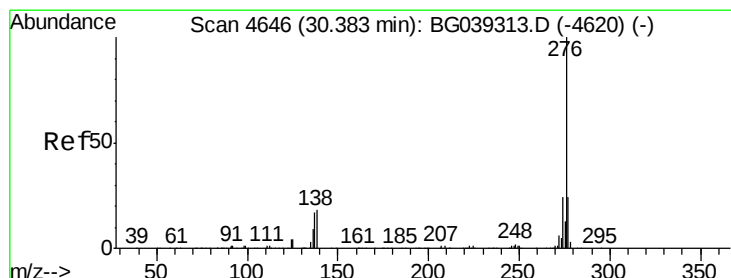
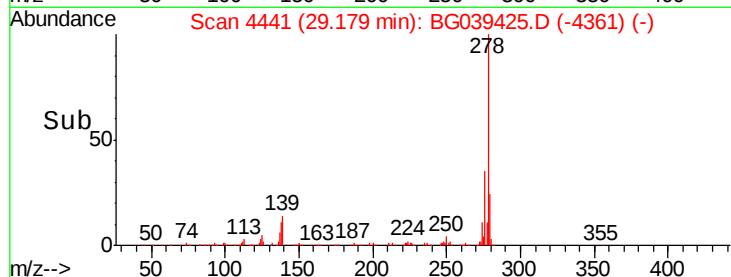
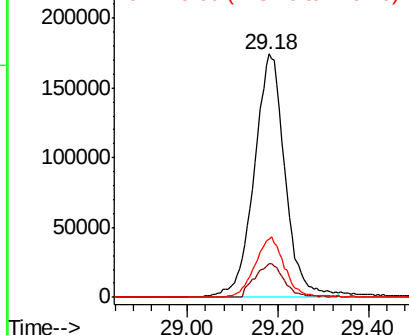
278 100

139 14.0 11.7 17.5

279 24.0 19.1 28.7



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



#92

Benzo(g,h,i)perylene

Concen: 46.032 ng

RT: 30.34 min Scan# 4638

Delta R.T. -0.05 min

Lab File: BG039425.D

Acq: 8 Feb 2019 21:12

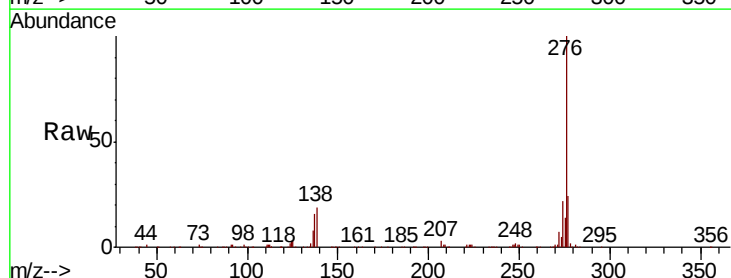
Tgt Ion:276 Resp: 854998

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 18.5 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

