

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030819\
 Data File : BG039817.D
 Acq On : 8 Mar 2019 12:23
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 08 23:09:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40823	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	196749	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	132727	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	316537	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	307201	20.00	ng	-0.02
87) Perylene-d12	25.18	264	316384	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	194879	81.44	ng	-0.02
7) Phenol-d6	7.30	99	300366	84.18	ng	-0.02
23) Nitrobenzene-d5	9.33	82	293586	80.70	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	123983	80.14	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	713329	76.52	ng	-0.01
79) Terphenyl-d14	20.11	244	1083522	77.66	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	41394	37.470	ng	95
3) Pyridine	3.99	79	122663	41.474	ng	94
4) n-Nitrosodimethylamine	3.91	42	57862	41.240	ng	# 78
6) Aniline	7.48	93	185720	39.730	ng	96
8) 2-Chlorophenol	7.71	128	118197	40.715	ng	97
9) Benzaldehyde	7.30	77	92335	40.119	ng	98
10) Phenol	7.33	94	162018	41.917	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	122083	40.511	ng	95
12) 1,3-Dichlorobenzene	8.04	146	127848	38.939	ng	98
13) 1,4-Dichlorobenzene	8.19	146	132487	39.616	ng	99
14) 1,2-Dichlorobenzene	8.51	146	125582	38.865	ng	99
15) Benzyl Alcohol	8.39	79	117239	41.423	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	237675	39.433	ng	98
17) 2-Methylphenol	8.59	107	102730	41.682	ng	96
18) Hexachloroethane	9.24	117	47616	39.681	ng	100
19) n-Nitroso-di-n-propylamine	8.96	70	102299	39.834	ng	94
20) 3+4-Methylphenols	8.91	107	145369	42.457	ng	95
22) Acetophenone	8.98	105	200444	37.958	ng	# 94
24) Nitrobenzene	9.38	77	149887	39.275	ng	96
25) Isophorone	9.89	82	292040	38.313	ng	99
26) 2-Nitrophenol	10.08	139	75607	41.033	ng	97
27) 2,4-Dimethylphenol	10.12	122	116188	40.544	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	173925	37.547	ng	96
29) 2,4-Dichlorophenol	10.62	162	132539	41.078	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	138430	38.128	ng	97
31) Naphthalene	11.03	128	402323	38.622	ng	98
32) Benzoic acid	10.25	122	69307	36.980	ng	98
33) 4-Chloroaniline	11.14	127	175796	39.798	ng	96
34) Hexachlorobutadiene	11.29	225	92700	37.364	ng	91
35) Caprolactam	11.92	113	47618	38.635	ng	96
36) 4-Chloro-3-methylphenol	12.24	107	147701	39.934	ng	96
37) 2-Methylnaphthalene	12.62	142	303446	38.963	ng	99
38) 1-Methylnaphthalene	12.84	142	294019	38.848	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	172324	38.324	ng	98

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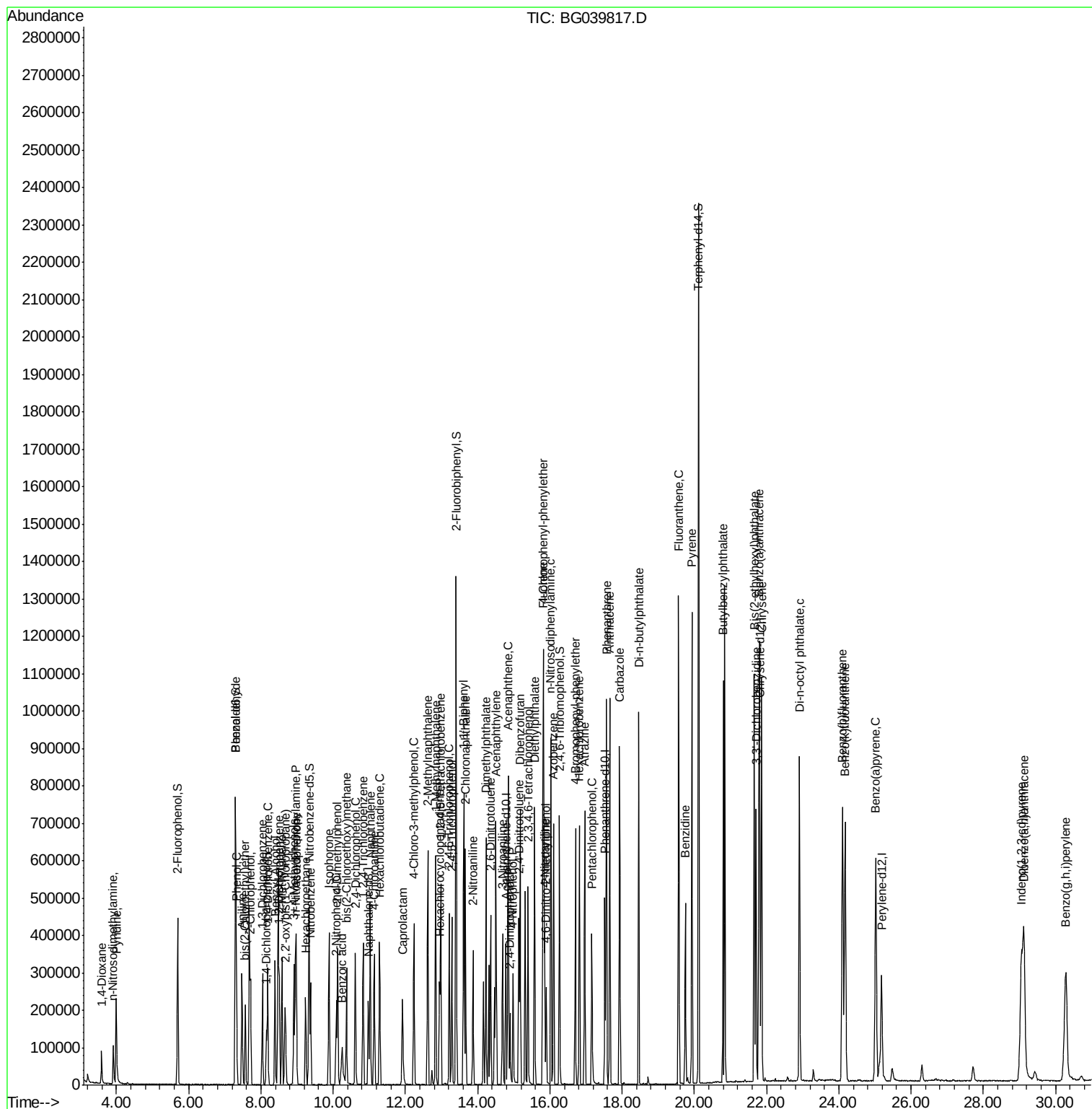
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	81077	33.647	ng	100
43) 2,4,6-Trichlorophenol	13.22	196	108928	41.379	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	119222	40.179	ng	97
46) 1,1'-Biphenyl	13.62	154	424051	38.845	ng	95
47) 2-Chloronaphthalene	13.66	162	316375	38.524	ng	98
48) 2-Nitroaniline	13.87	65	110549	41.887	ng	98
49) Acenaphthylene	14.51	152	525212	38.958	ng	99
50) Dimethylphthalate	14.23	163	425601	38.348	ng	99
51) 2,6-Dinitrotoluene	14.36	165	97247	41.332	ng	96
52) Acenaphthene	14.84	154	314113	38.711	ng	99
53) 3-Nitroaniline	14.69	138	92971	39.310	ng	# 97
54) 2,4-Dinitrophenol	14.89	184	46266	34.389	ng	96
55) Dibenzofuran	15.17	168	514989	38.683	ng	99
56) 4-Nitrophenol	14.98	139	77993	36.863	ng	86
57) 2,4-Dinitrotoluene	15.14	165	137808	41.684	ng	# 86
58) Fluorene	15.83	166	410243	39.198	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	117600	40.581	ng	98
60) Diethylphthalate	15.58	149	426538	38.823	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	216418	38.751	ng	98
62) 4-Nitroaniline	15.86	138	101145	39.448	ng	96
63) Azobenzene	16.10	77	391358	39.296	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	64268	34.339	ng	98
66) n-Nitrosodiphenylamine	16.03	169	364652	39.793	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	138918	39.208	ng	95
68) Hexachlorobenzene	16.82	284	144844	39.438	ng	96
69) Atrazine	16.97	200	141310	39.182	ng	98
70) Pentachlorophenol	17.17	266	83492	35.996	ng	95
71) Phenanthrene	17.57	178	674624	38.693	ng	100
72) Anthracene	17.66	178	667471	39.285	ng	98
73) Carbazole	17.93	167	597961	39.039	ng	97
74) Di-n-butylphthalate	18.46	149	715569	39.706	ng	99
75) Fluoranthene	19.57	202	782902	37.995	ng	99
77) Benzidine	19.75	184	283599	29.092	ng	97
78) Pyrene	19.93	202	786920	39.421	ng	99
80) Butylbenzylphthalate	20.80	149	320578	41.451	ng	95
81) Benzo(a)anthracene	21.79	228	756168	39.275	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	269683	38.366	ng	99
83) Chrysene	21.86	228	726627	38.929	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	447089	41.138	ng	99
85) Di-n-octyl phthalate	22.91	149	763909	42.452	ng	95
86) Indeno(1,2,3-cd)pyrene	29.05	276	826204	39.018	ng	98
88) Benzo(b)fluoranthene	24.10	252	743439	39.405	ng	99
89) Benzo(k)fluoranthene	24.17	252	692438	39.428	ng	99
90) Benzo(a)pyrene	25.03	252	698311	40.055	ng	98
91) Dibenzo(a,h)anthracene	29.13	278	668030	39.086	ng	99
92) Benzo(g,h,i)perylene	30.29	276	655704	38.199	ng	98

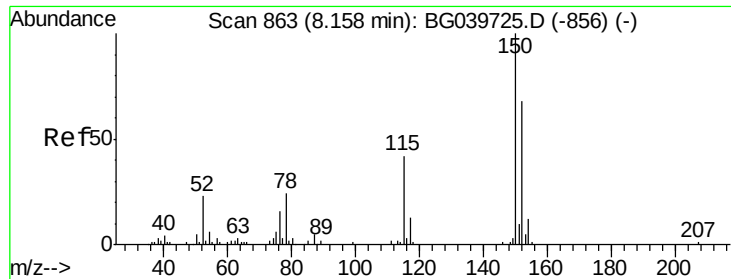
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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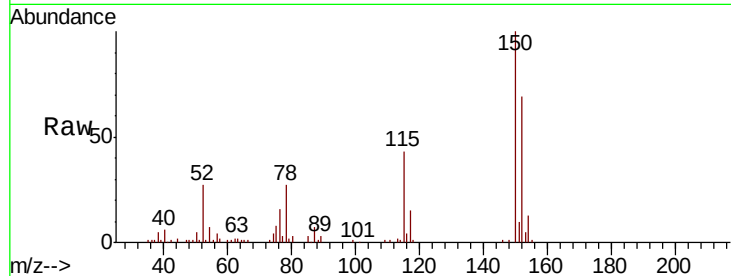


#1

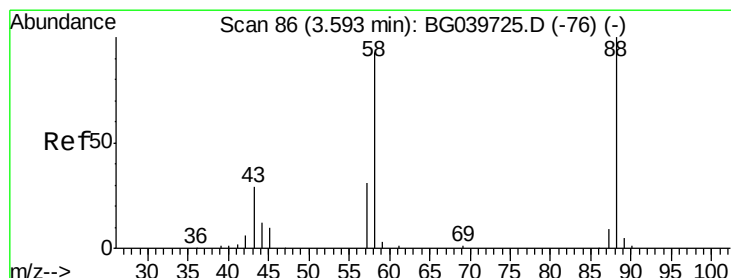
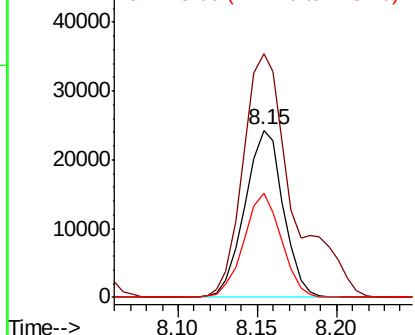
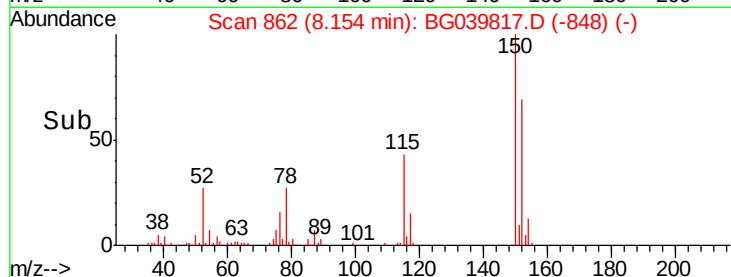
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	123.7	185.5
115	62.2	45.9	68.9



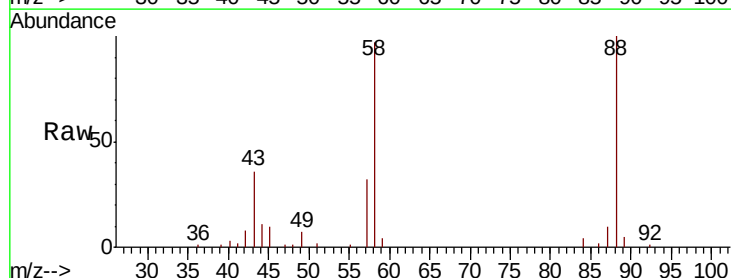
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



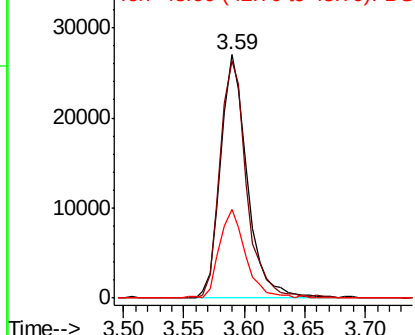
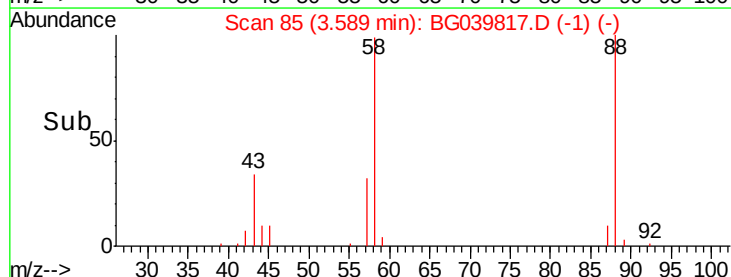
#2

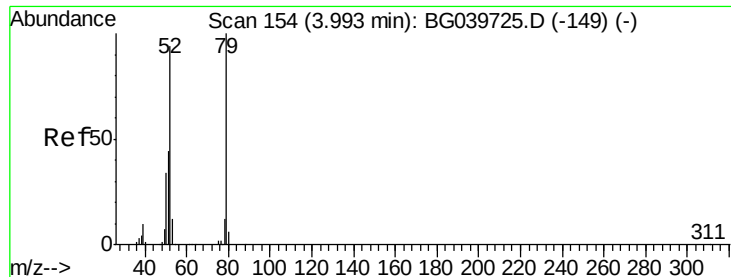
1,4-Dioxane
Concen: 37.470 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.3	81.1	121.7
43	36.1	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

Pvridine

Concen: 41.474 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Instrument :

BNA_G

ClientSampleId :

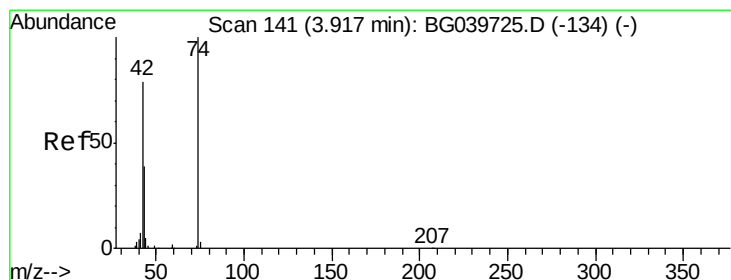
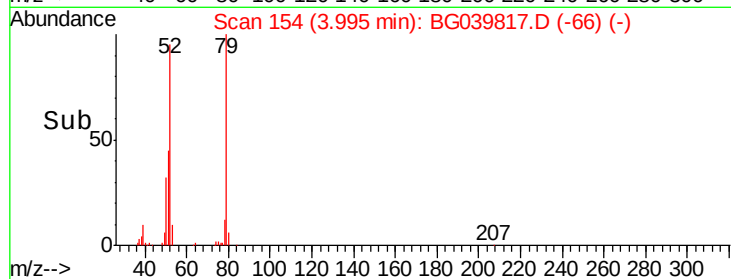
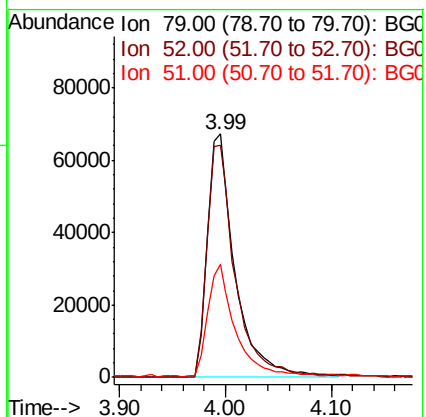
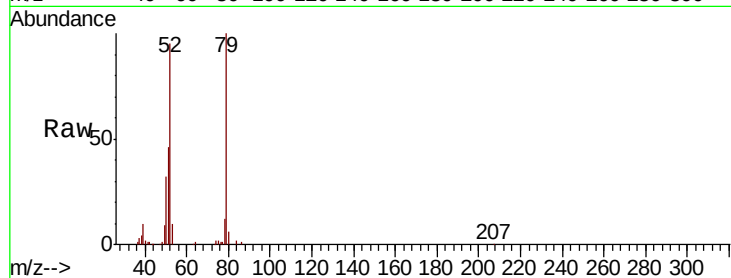
Tot Ion: 79 Resp: 122663

Ion Ratio Lower Upper

79 100

52 95.4 82.6 124.0

51 46.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.240 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

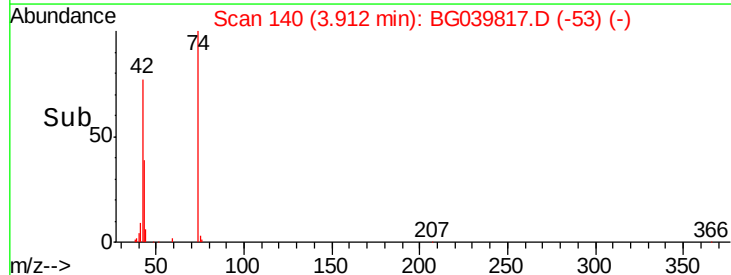
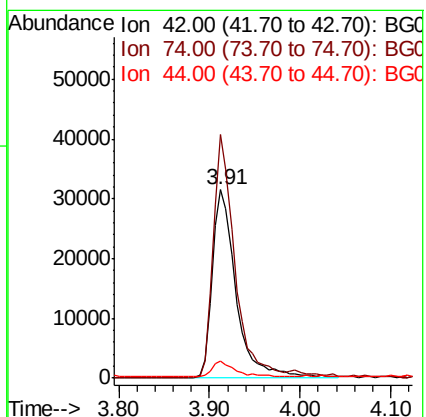
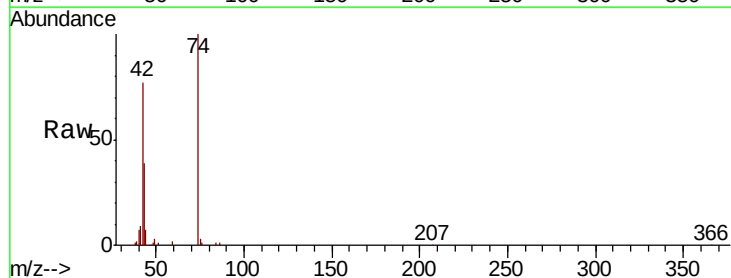
Tgt Ion: 42 Resp: 57862

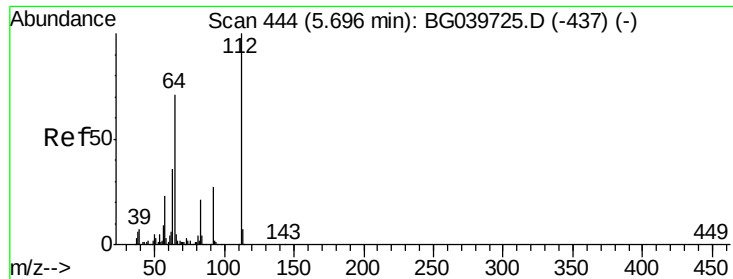
Ion Ratio Lower Upper

42 100

74 129.2 83.6 125.4#

44 8.9 6.9 10.3





#5

2-Fluorophenol

Concen: 81.441 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Instrument :

BNA_G

ClientSampleId :

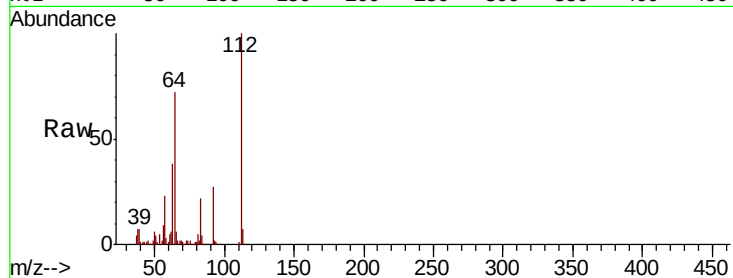
Tot Ion:112 Resp: 194879

Ion Ratio Lower Upper

112 100

64 71.7 57.8 86.8

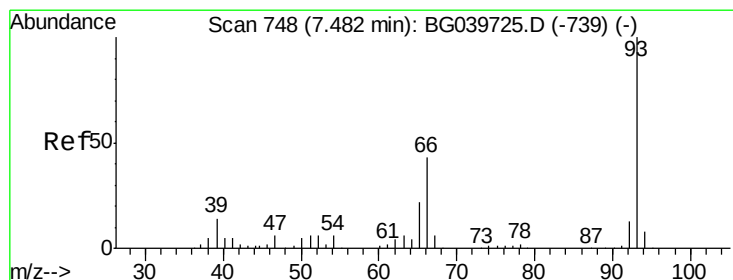
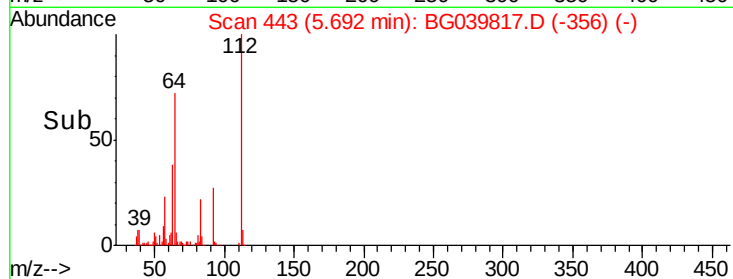
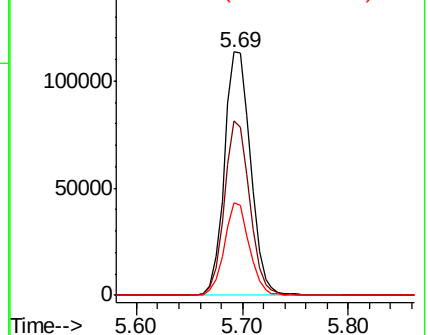
63 37.8 29.8 44.6



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: 39.730 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

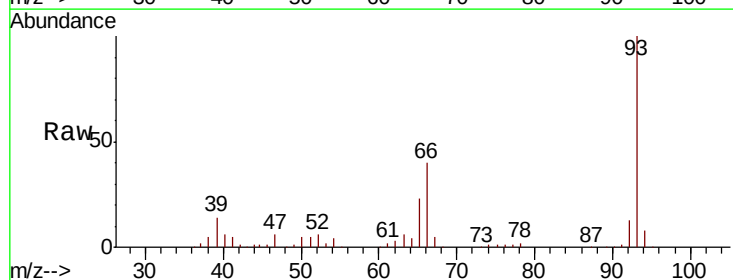
Tgt Ion: 93 Resp: 185720

Ion Ratio Lower Upper

93 100

66 40.0 34.2 51.4

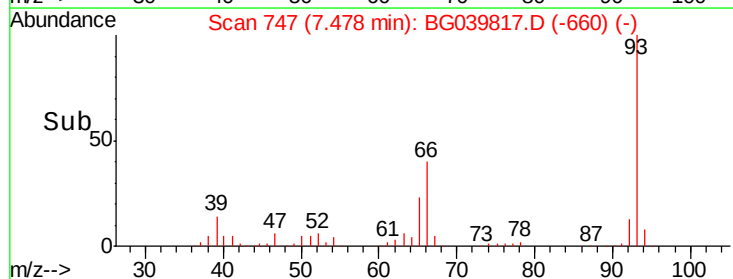
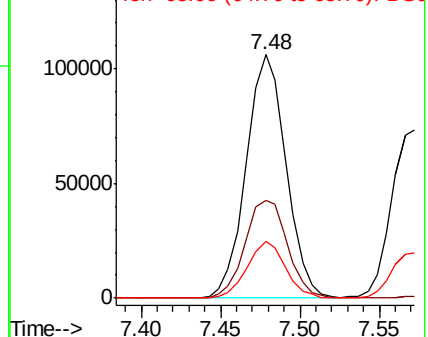
65 23.1 17.7 26.5

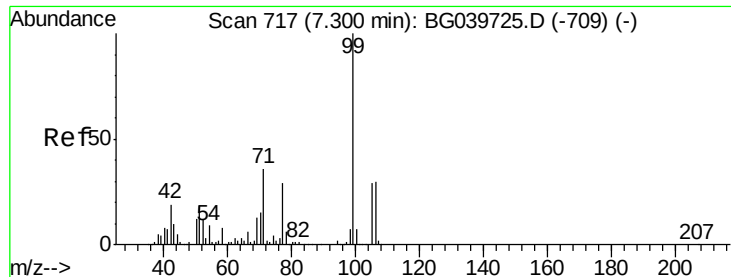


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.185 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Instrument :

BNA_G

ClientSampled :

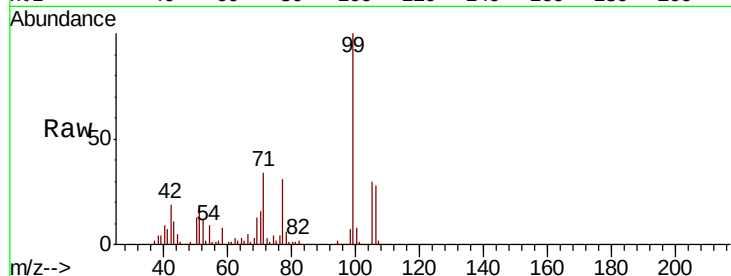
Tot Ion: 99 Resp: 300366

Ion Ratio Lower Upper

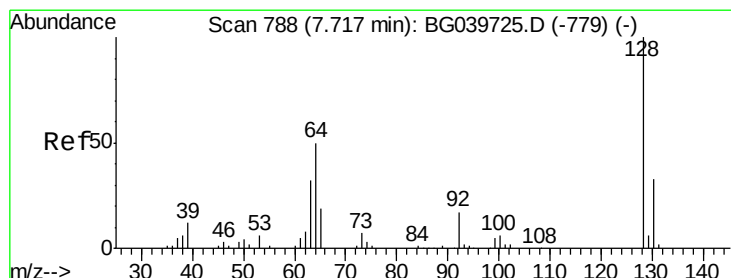
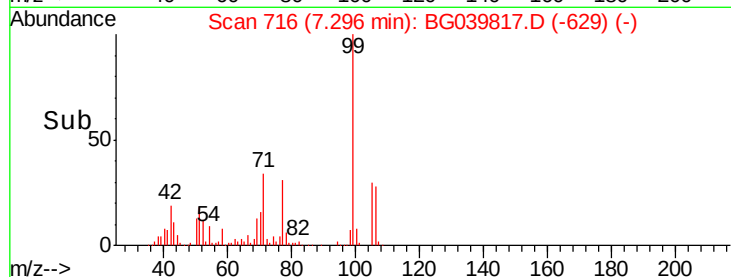
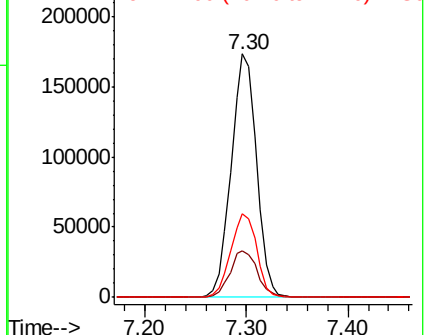
99 100

42 19.3 18.2 27.2

71 34.3 28.0 42.0



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



#8

2-Chlorophenol

Concen: 40.715 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

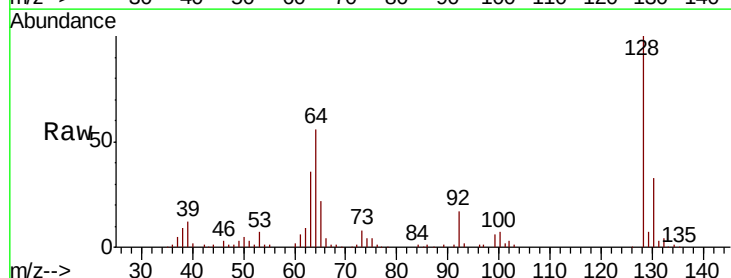
Tgt Ion: 128 Resp: 118197

Ion Ratio Lower Upper

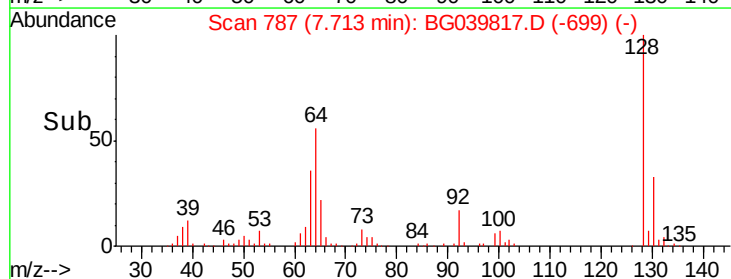
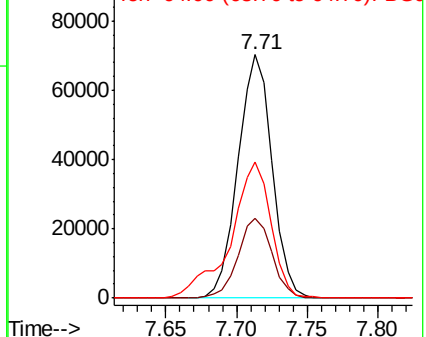
128 100

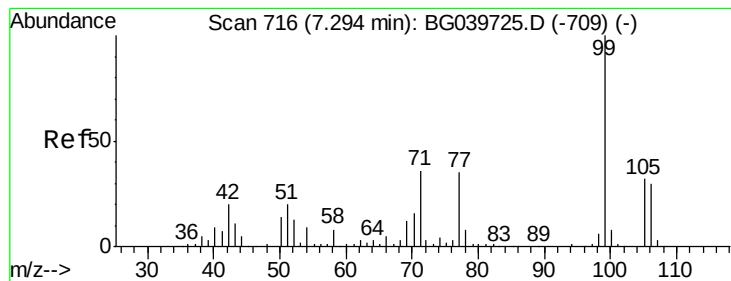
130 32.8 12.9 52.9

64 55.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 40.119 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039817.D

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Instrument :

BNA_G

ClientSampled :

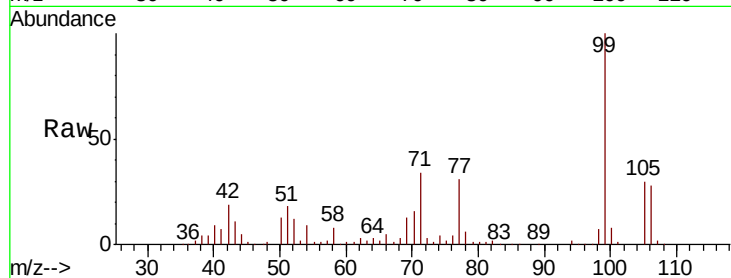
Tot Ion: 77 Resp: 92335

Ion Ratio Lower Upper

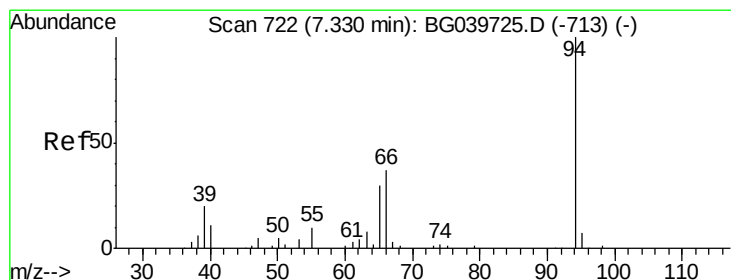
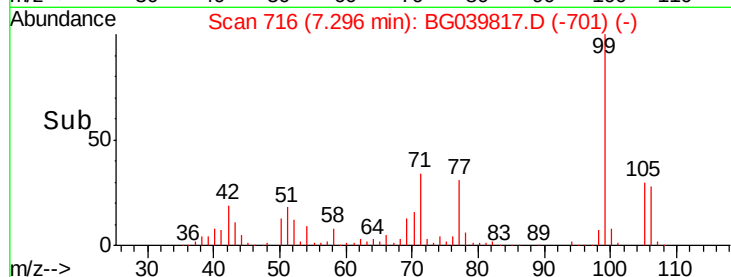
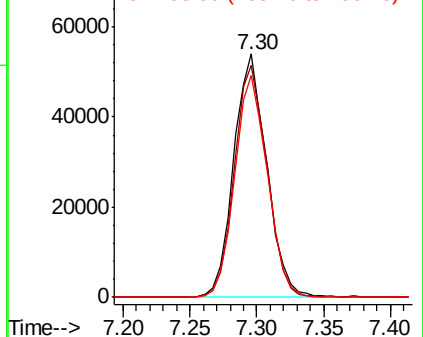
77 100

105 95.1 74.5 114.5

106 91.0 68.0 108.0



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



#10

Phenol

Concen: 41.917 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

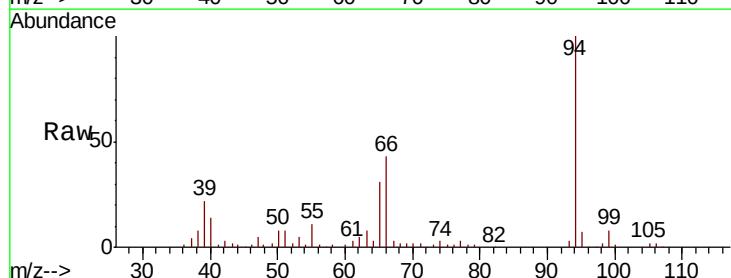
Tgt Ion: 94 Resp: 162018

Ion Ratio Lower Upper

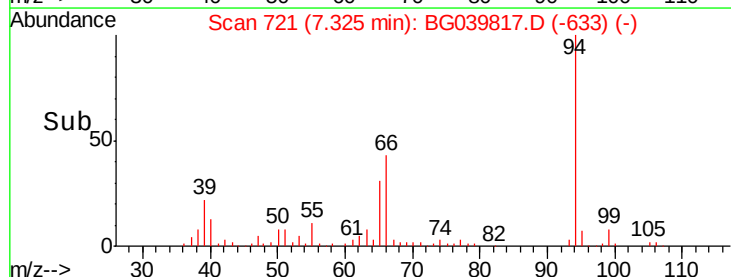
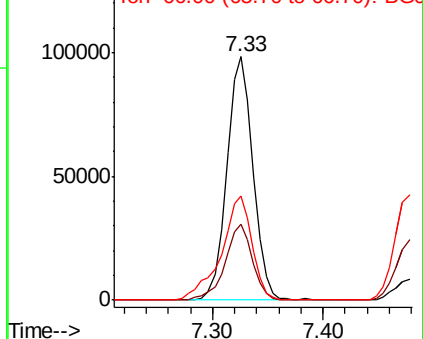
94 100

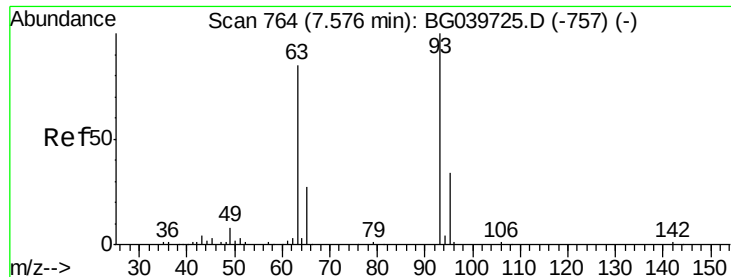
65 31.3 11.7 51.7

66 42.8 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

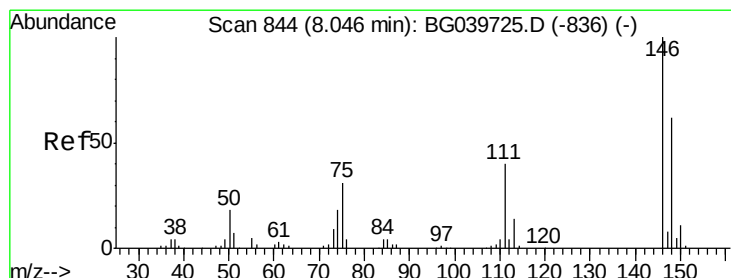
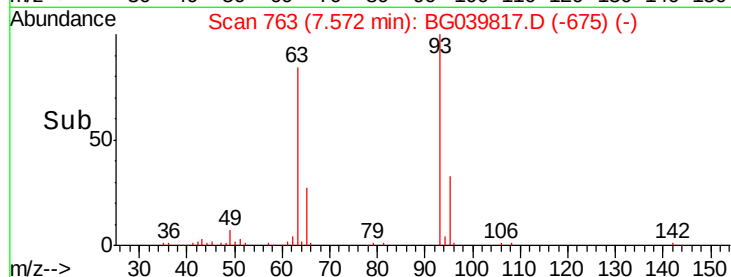
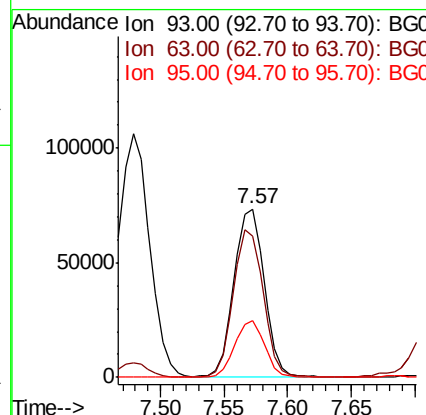
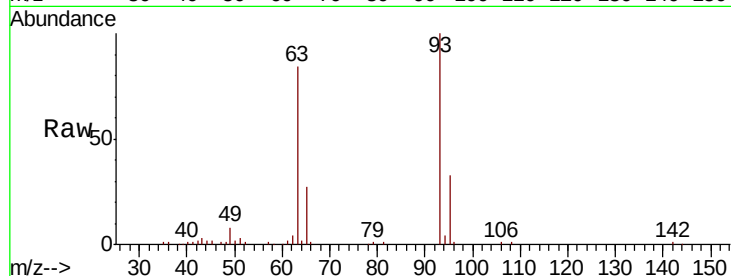




#11
 bis(2-Chloroethyl)ether
 Concen: 40.511 ng
 RT: 7.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

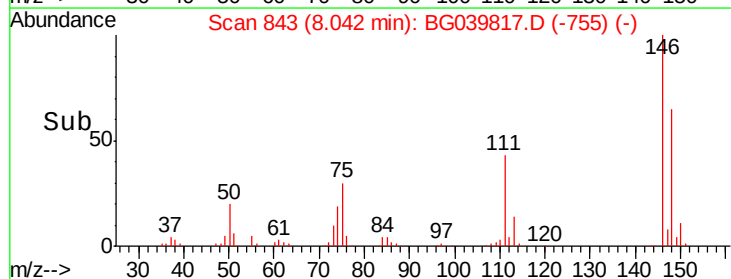
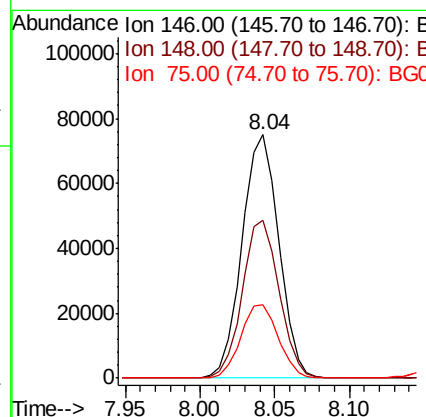
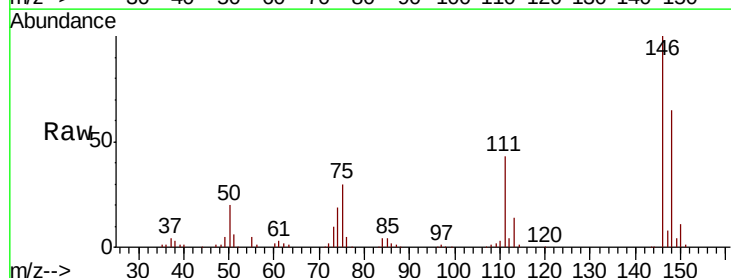
Instrument :
 BNA_G
 ClientSampleId :

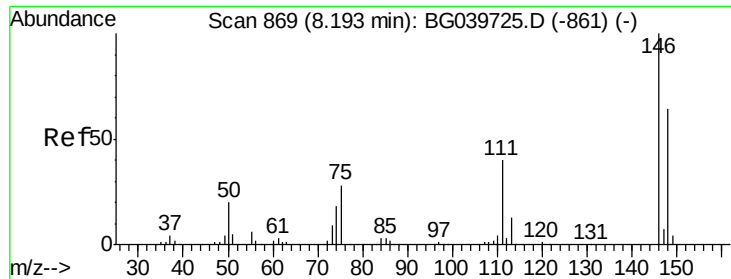
Tot Ion: 93 Resp: 122083
 Ion Ratio Lower Upper
 93 100
 63 83.9 69.5 109.5
 95 33.4 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 38.939 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion: 146 Resp: 127848
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.6 79.0
 75 29.9 25.8 38.6

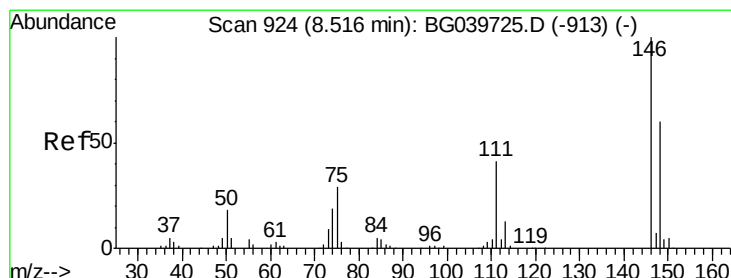
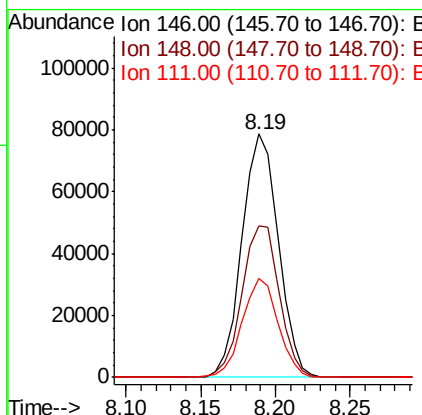
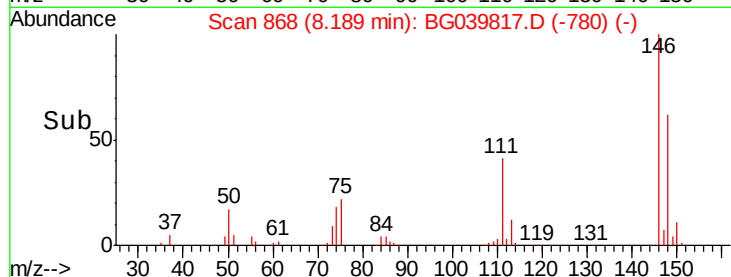
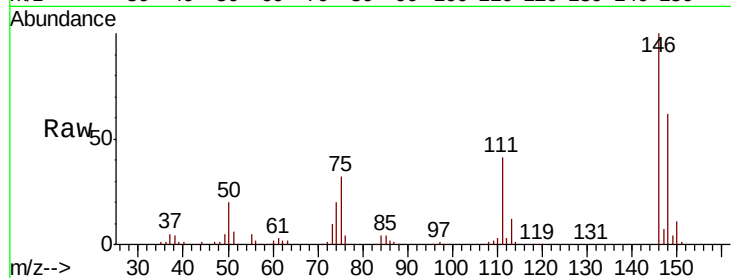




#13
 1,4-Dichlorobenzene
 Concen: 39.616 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

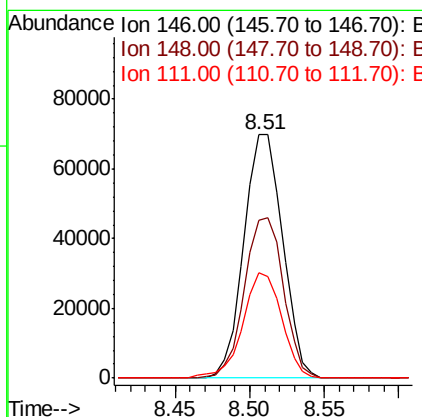
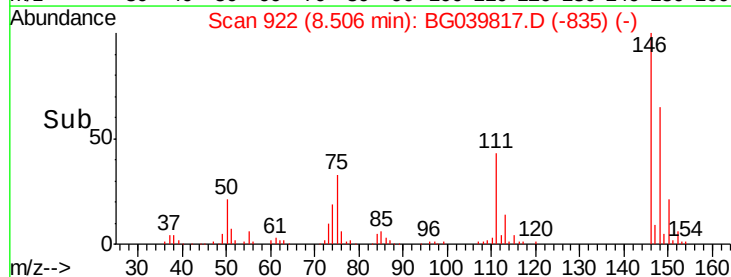
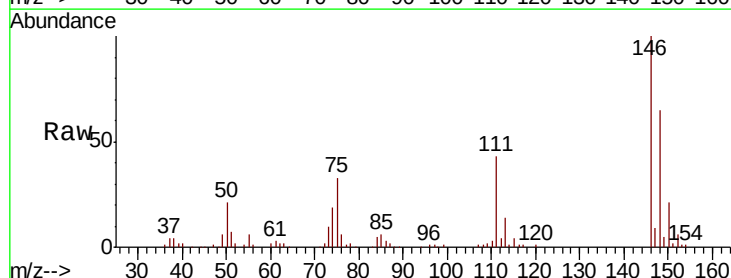
Instrument :
 BNA_G
 ClientSampled :

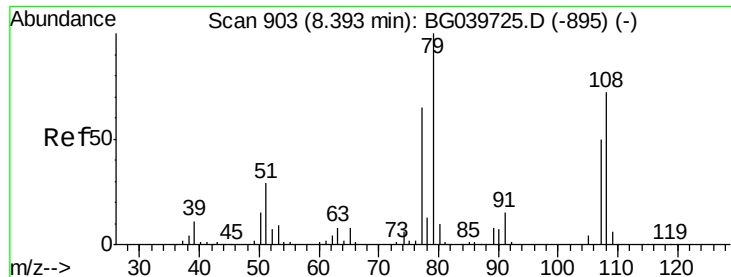
Tot Ion:146 Resp: 132487
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.1 76.7
 111 40.5 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 38.865 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion:146 Resp: 125582
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.5 77.3
 111 43.3 33.8 50.6





#15

Benzyl Alcohol

Concen: 41.423 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

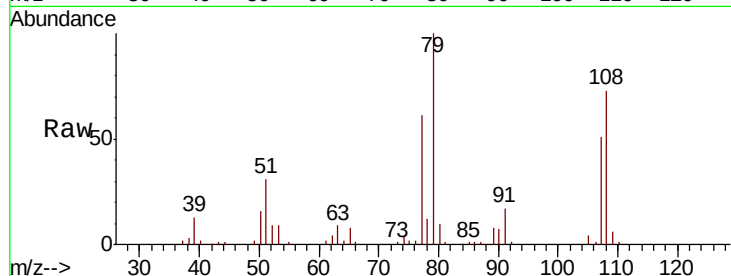
Instrument :

BNA_G

ClientSampled :

Tot Ion: 79 Resp: 117239

Ion	Ratio	Lower	Upper
79	100		
108	73.3	57.8	86.6
77	61.0	51.1	76.7

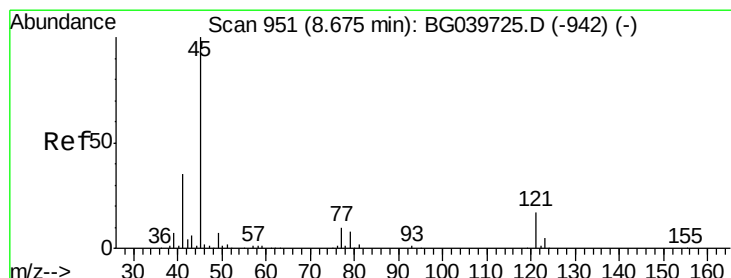
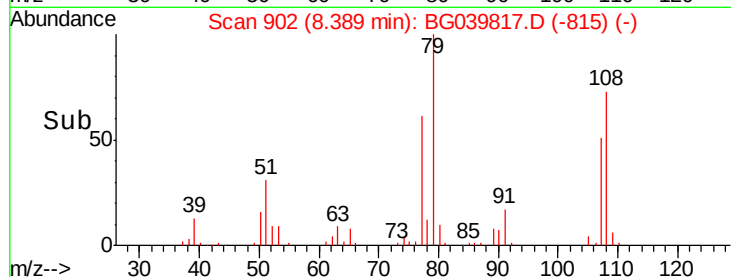
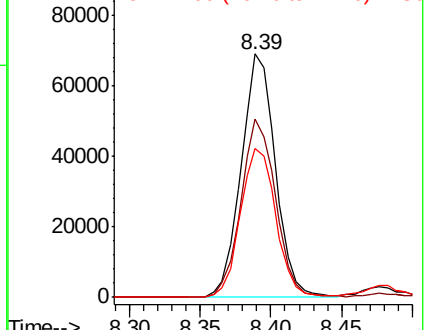


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.433 ng

RT: 8.67 min Scan# 950

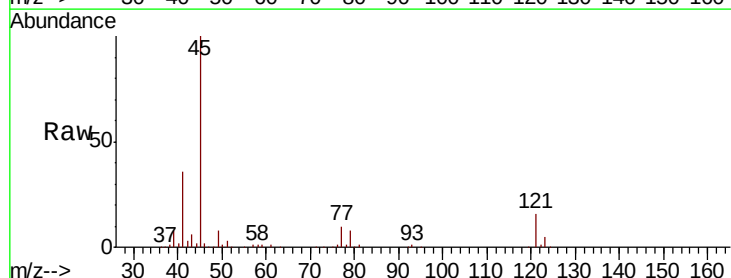
Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Tgt Ion: 45 Resp: 237675

Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	30.0
79	8.5	0.0	27.5

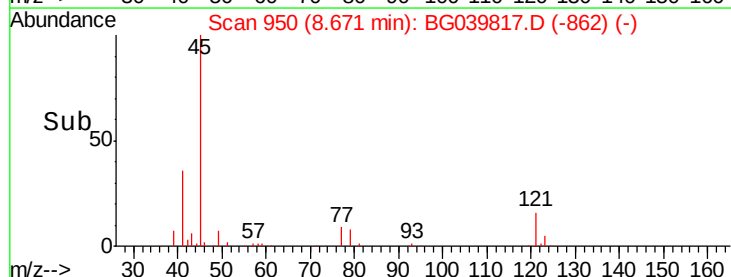
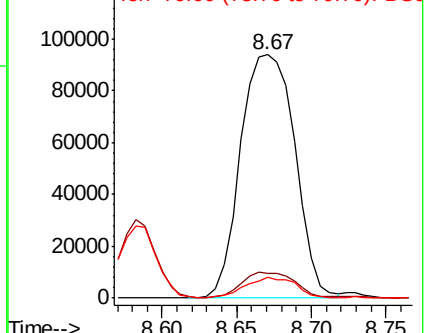


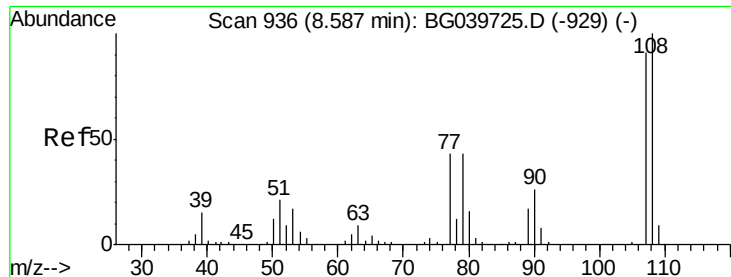
Abundance

Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

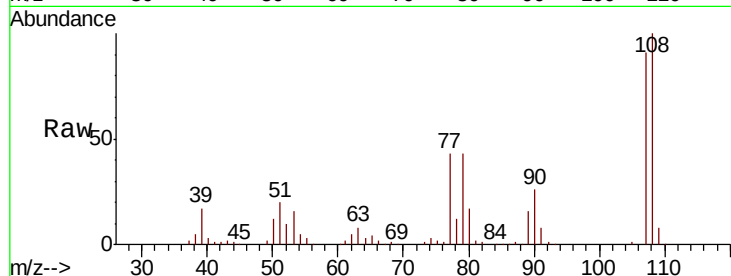




#17
2-Methylphenol
Concen: 41.682 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	102730
Ion	Ratio	Lower	Upper
107	100		
108	110.1	90.8	136.2
77	47.9	40.7	61.1
79	47.0	40.6	60.8



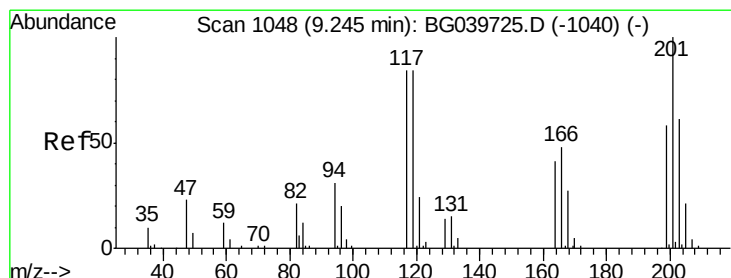
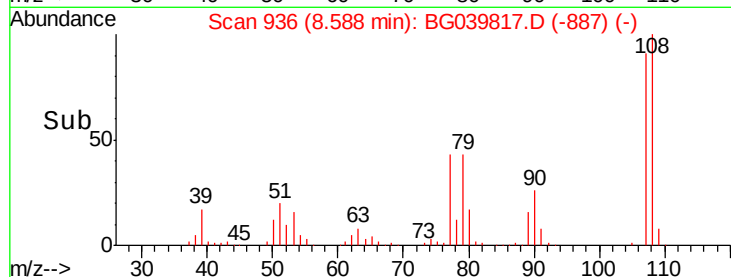
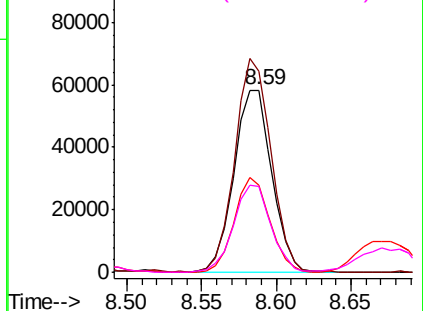
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

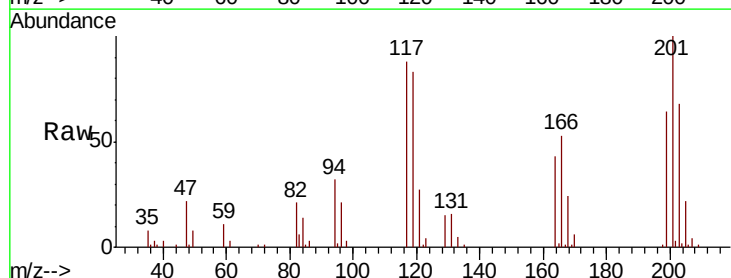
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.681 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:	117	Resp:	47616
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.3	114.5
201	114.2	91.1	136.7

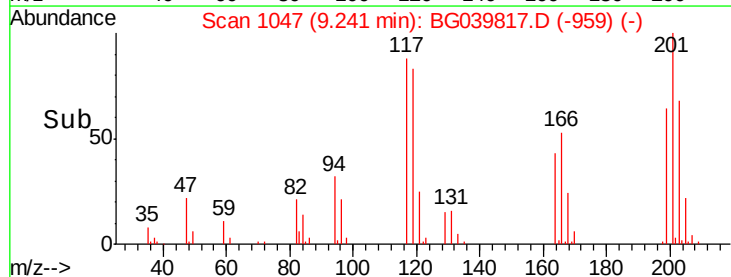
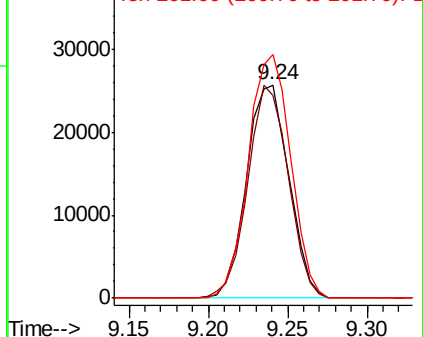


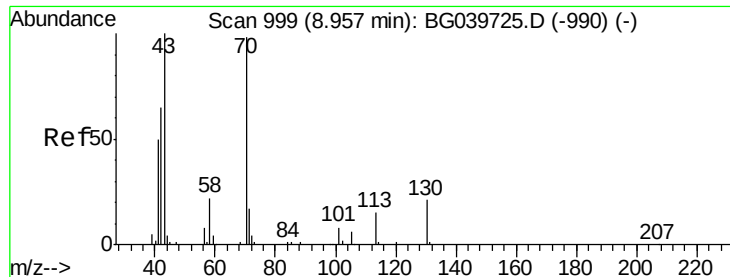
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

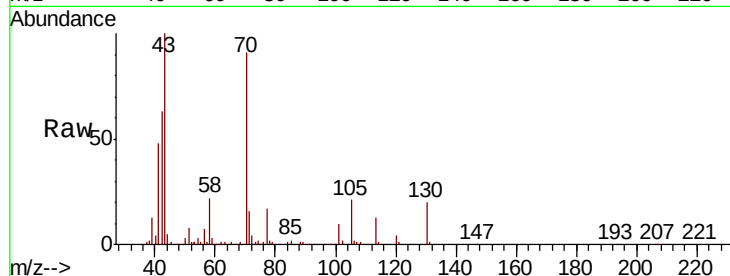




#19
n-Nitroso-di-n-propylamine
Concen: 39.834 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	102299
Ion	Ratio	Lower	Upper
70	100		
42	68.8	60.4	90.6
101	10.8	7.5	11.3
130	22.0	16.9	25.3



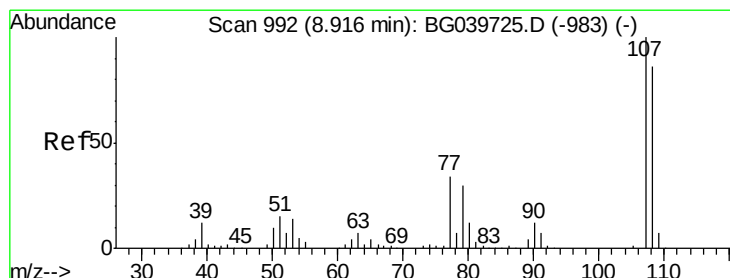
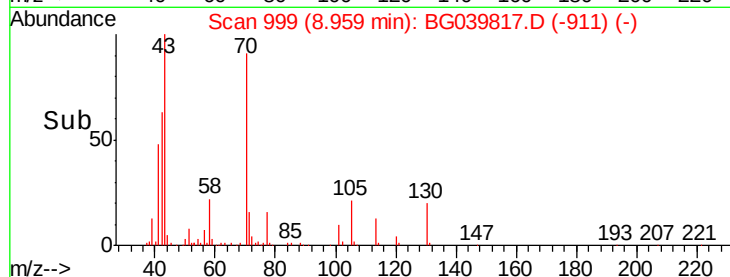
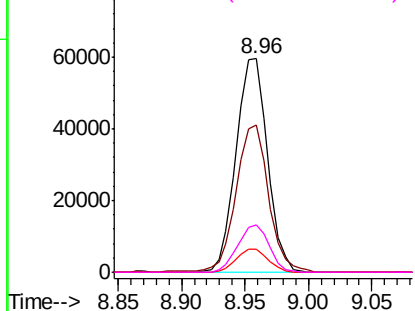
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

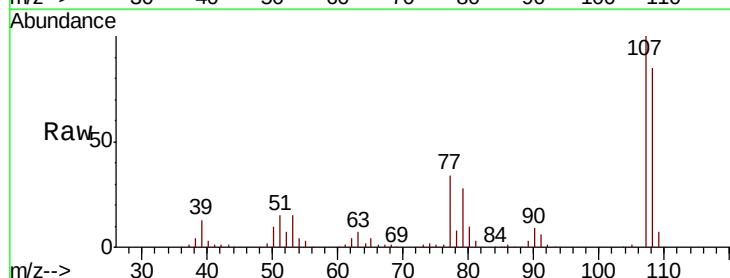
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.457 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:	107	Resp:	145369
Ion	Ratio	Lower	Upper
107	100		
108	84.6	67.9	107.9
77	33.6	15.4	55.4
79	27.8	13.7	53.7



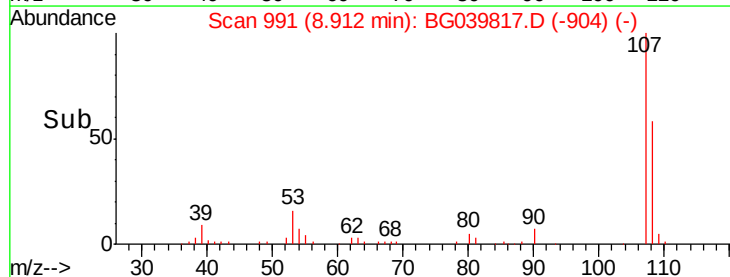
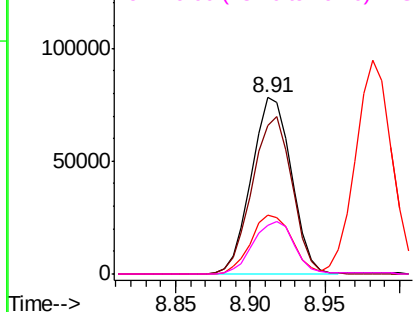
Abundance

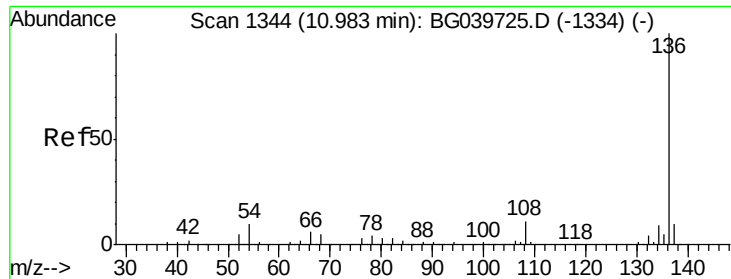
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

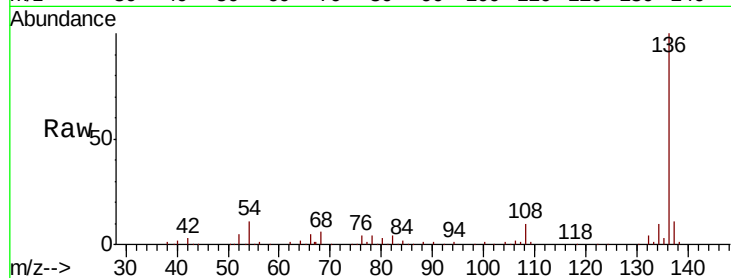




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	196749
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.1	13.7
54 10.6	9.4	14.2
68 6.2	4.2	6.4



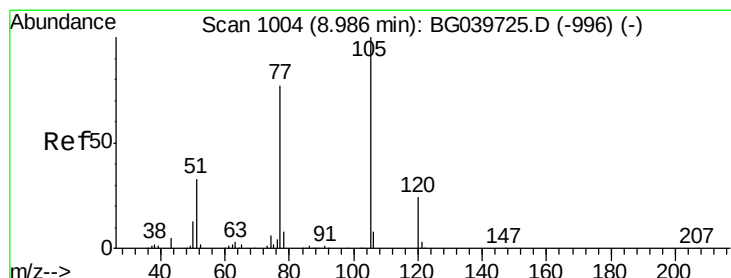
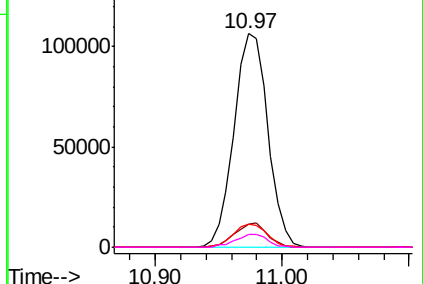
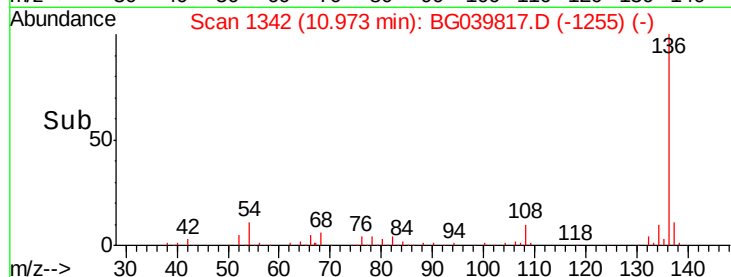
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

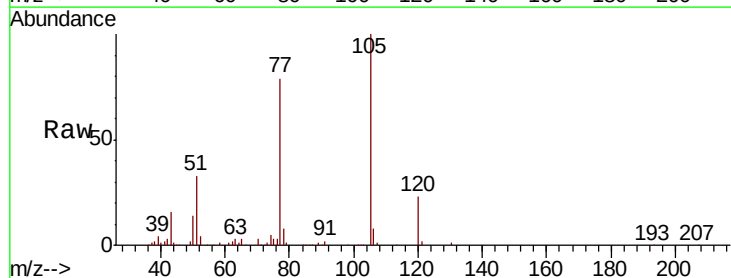
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.958 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:105	Resp:	200444
Ion Ratio	Lower	Upper
105 100		
71 0.4	0.8	1.2#
51 32.7	30.2	45.2
120 23.4	18.0	27.0



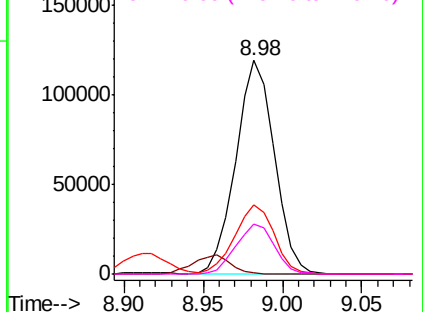
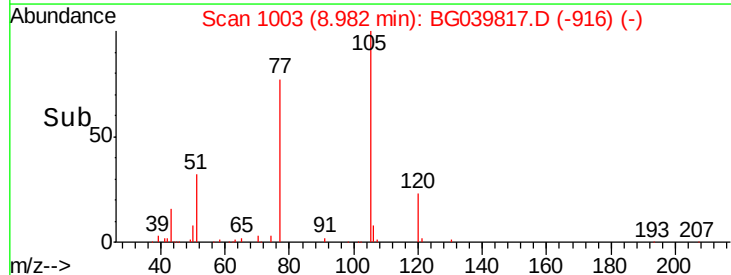
Abundance

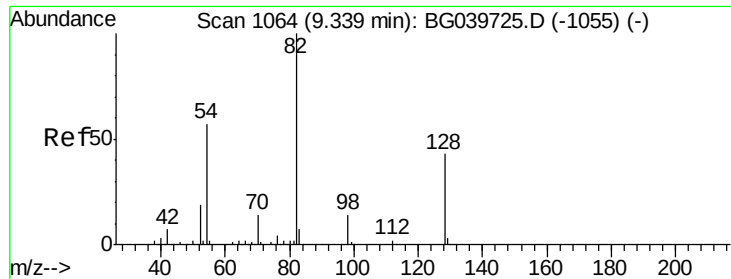
Ion 105.00 (104.70 to 105.70): E

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

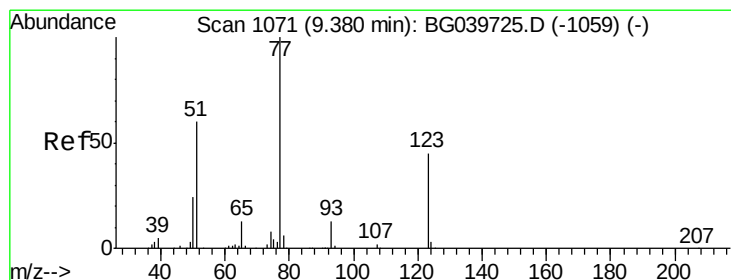
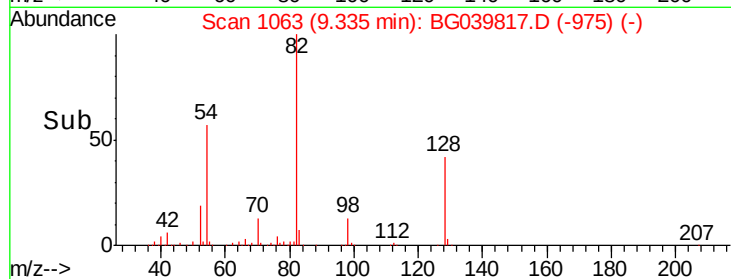
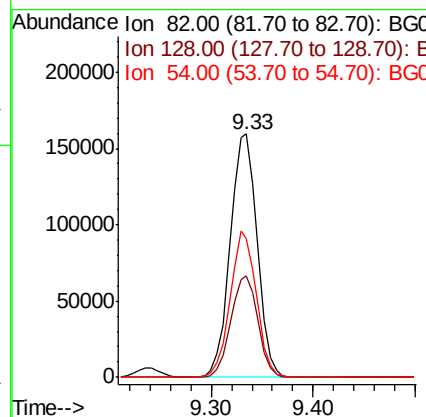
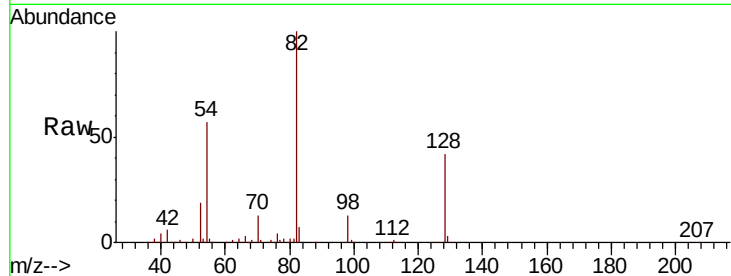




#23
 Nitrobenzene-d5
 Concen: 80.703 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

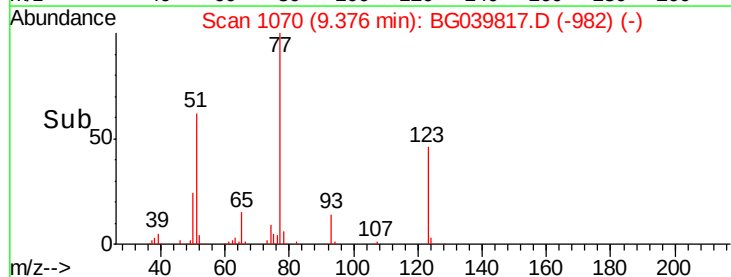
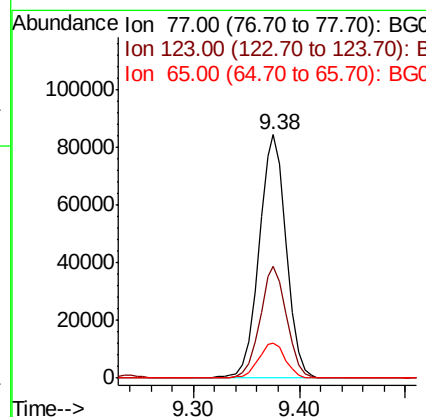
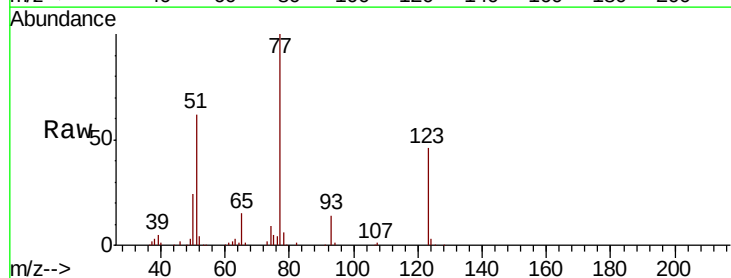
Instrument :
 BNA_G
 ClientSampleId :

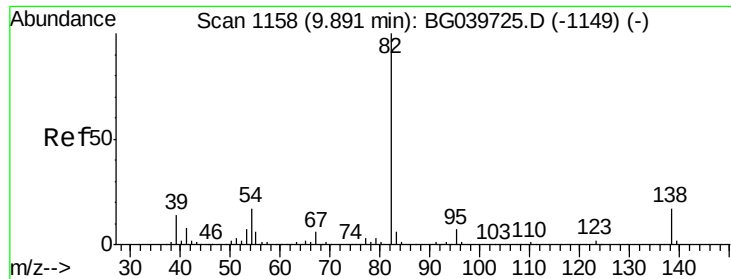
Tot Ion	82	Resp	293586
Ion Ratio	Lower	Upper	
82	100		
128	41.9	31.3	46.9
54	57.0	50.9	76.3



#24
 Nitrobenzene
 Concen: 39.275 ng
 RT: 9.38 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion	77	Resp	149887
Ion Ratio	Lower	Upper	
77	100		
123	45.9	34.1	51.1
65	14.6	12.3	18.5

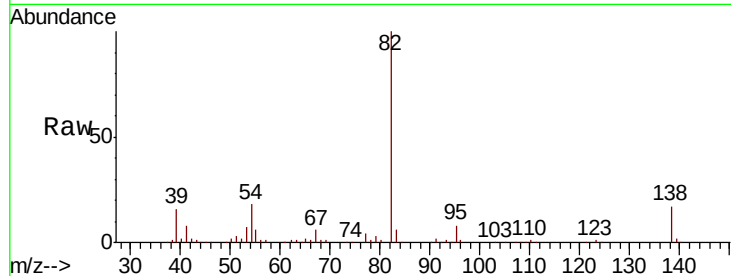




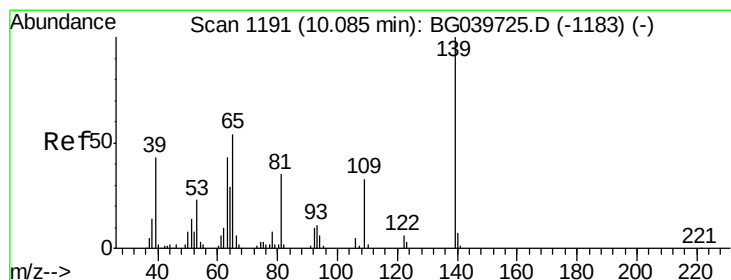
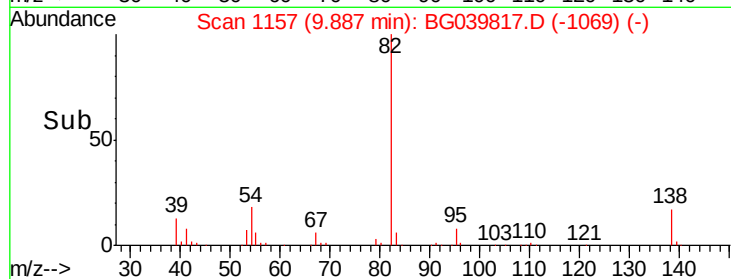
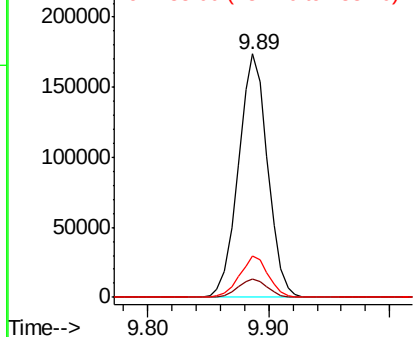
#25
Isophorone
Concen: 38.313 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 292040
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 17.1 13.0 19.4

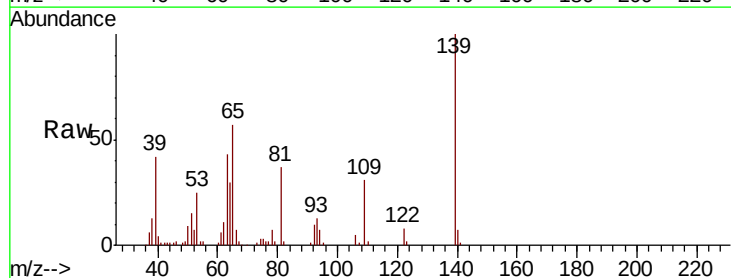


Abundance Ion 82.00 (81.70 to 82.70): BG039725.D (-1149) (-)
Ion 95.00 (94.70 to 95.70): BG039725.D (-1149) (-)
Ion 138.00 (137.70 to 138.70): BG039725.D (-1149) (-)

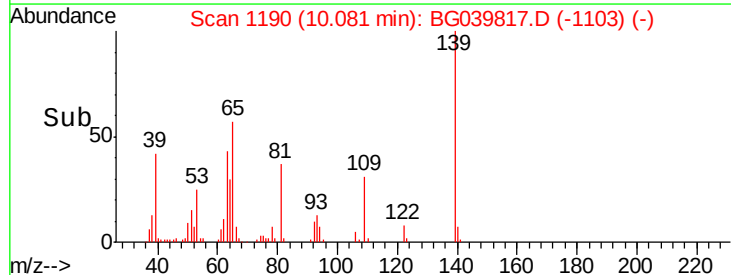
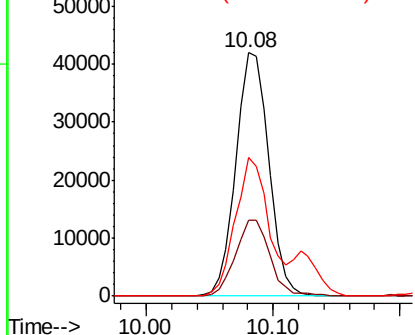


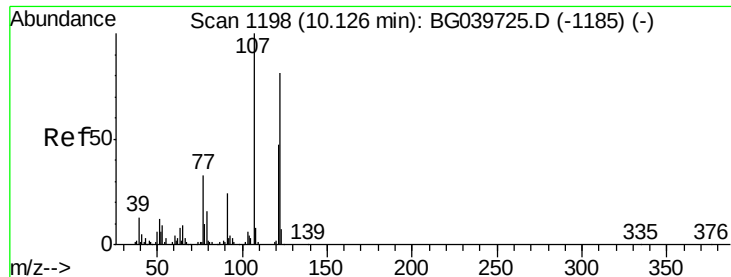
#26
2-Nitrophenol
Concen: 41.033 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion: 139 Resp: 75607
Ion Ratio Lower Upper
139 100
109 31.3 23.4 35.0
65 56.8 44.3 66.5



Abundance Ion 139.00 (138.70 to 139.70): BG039725.D (-1183) (-)
Ion 109.00 (108.70 to 109.70): BG039725.D (-1183) (-)
Ion 65.00 (64.70 to 65.70): BG039725.D (-1183) (-)

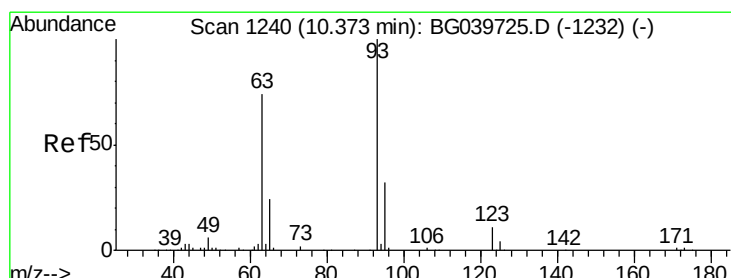
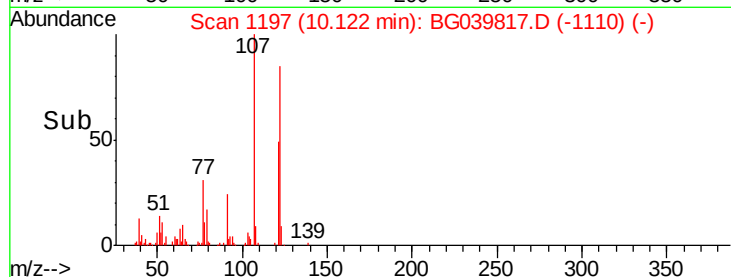
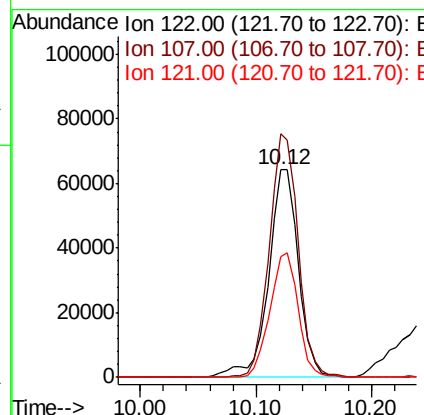
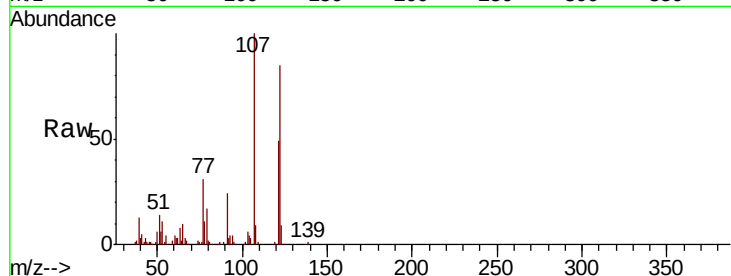




#27
 2,4-Dimethylphenol
 Concen: 40.544 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

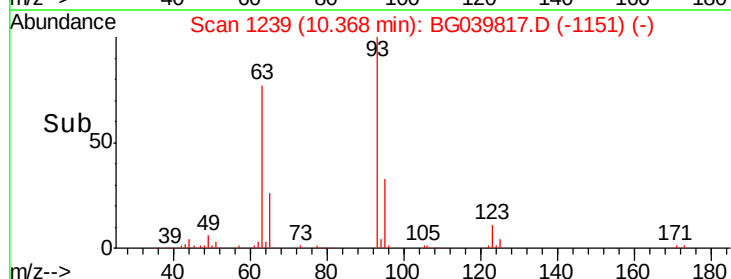
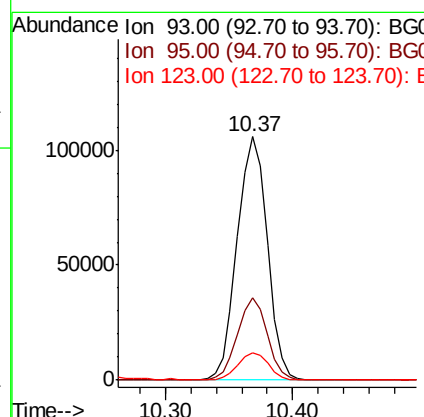
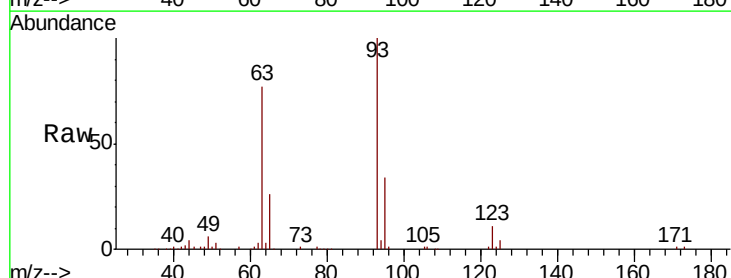
Instrument :
 BNA_G
 ClientSampled :

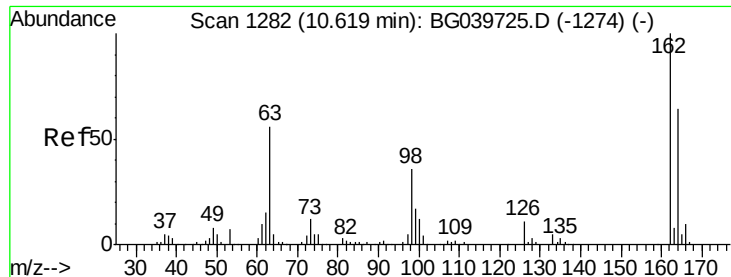
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	91.7	137.5
121	57.9	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.547 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.0	37.4
123	11.3	8.6	12.8

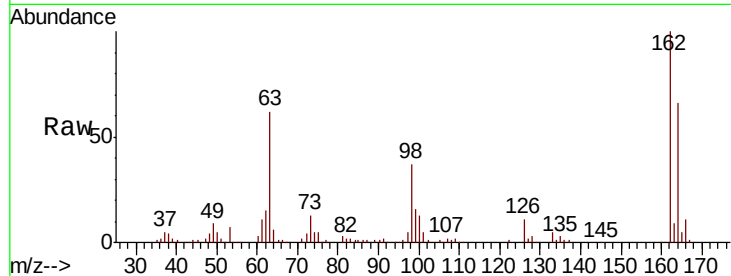




#29
 2,4-Dichlorophenol
 Concen: 41.078 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	48.1	88.1
98	36.7	18.1	58.1

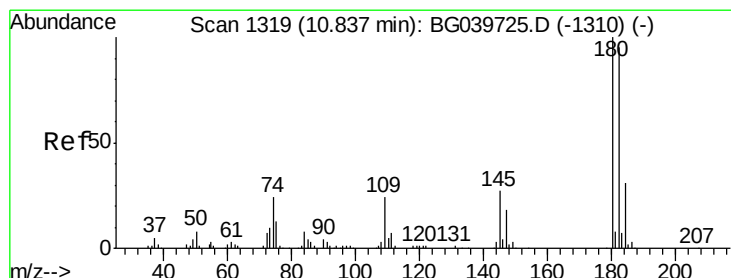
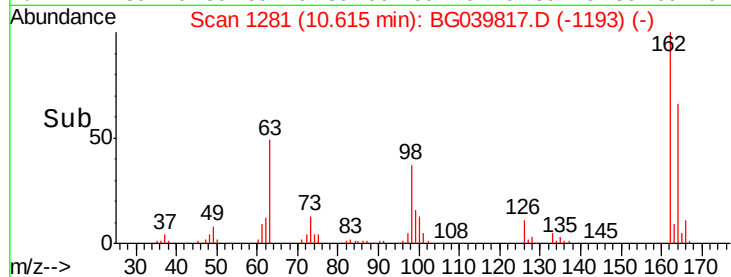
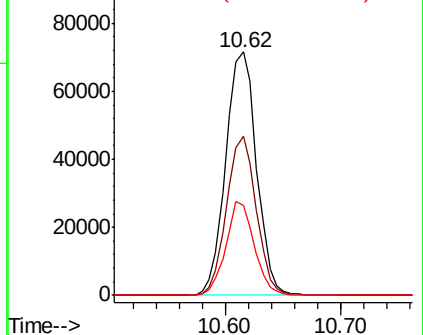


Abundance

Ion 162.00 (161.70 to 162.70): E

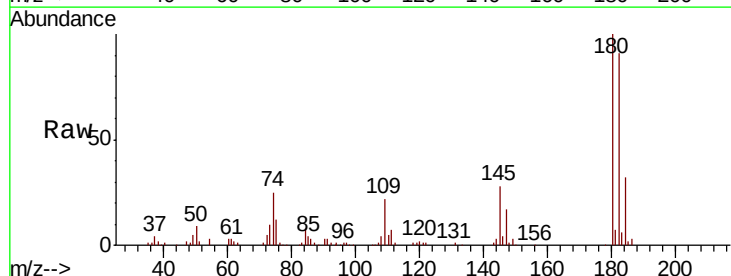
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.128 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.0	114.0
145	28.4	22.7	34.1

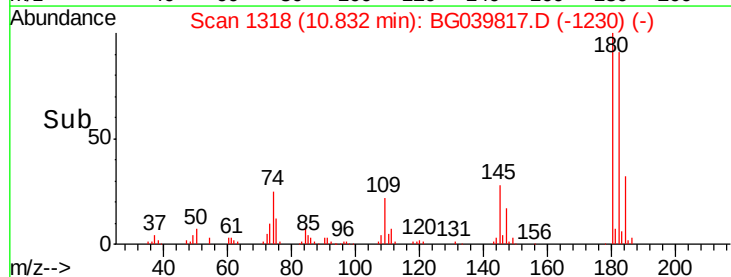
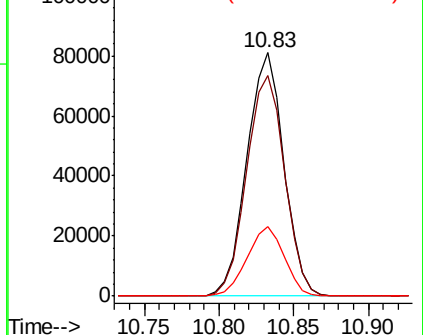


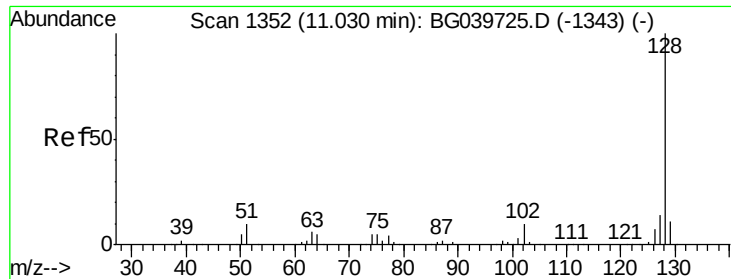
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

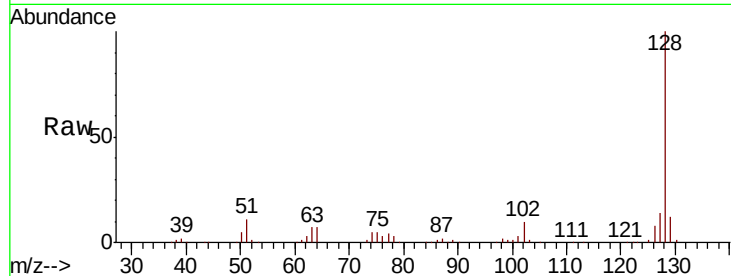




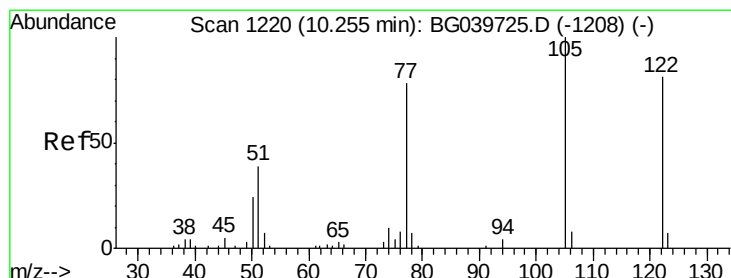
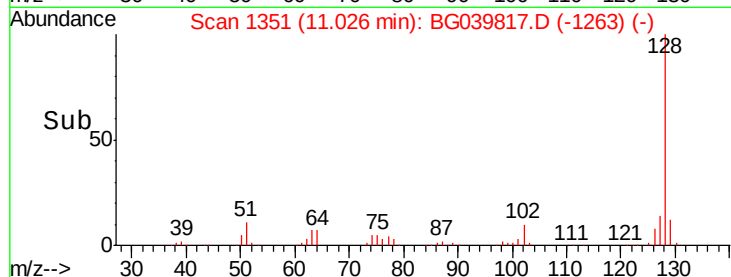
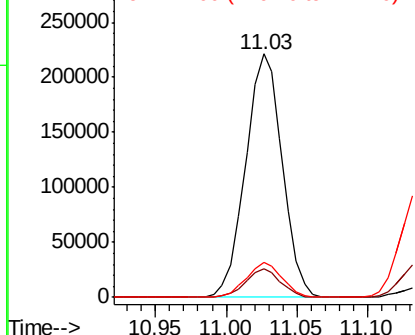
#31
Naphthalene
Concen: 38.622 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 402323
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 14.2 10.8 16.2

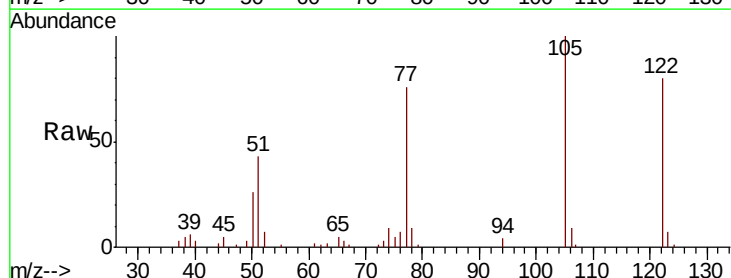


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

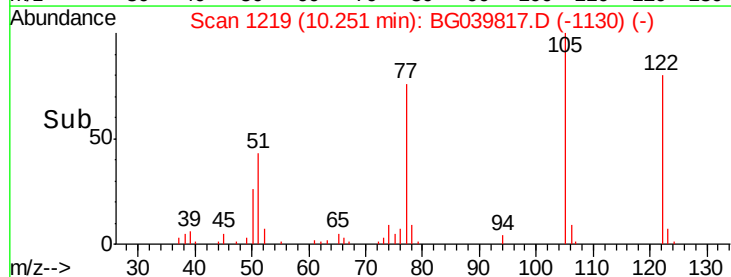
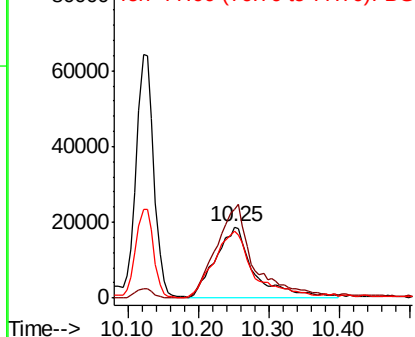


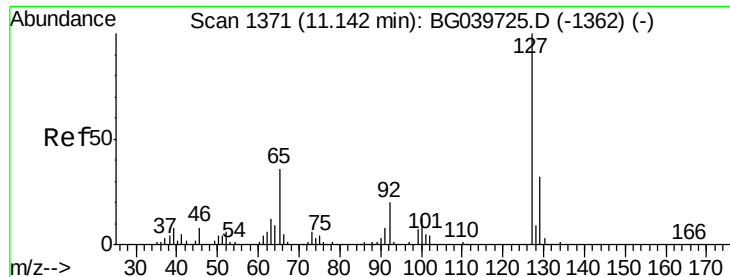
#32
Benzoic acid
Concen: 36.980 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:122 Resp: 69307
Ion Ratio Lower Upper
122 100
105 124.6 101.8 141.8
77 94.3 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

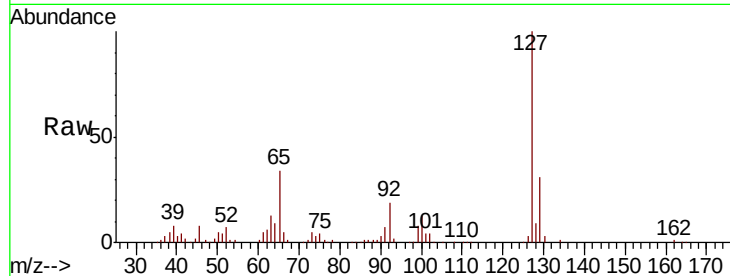




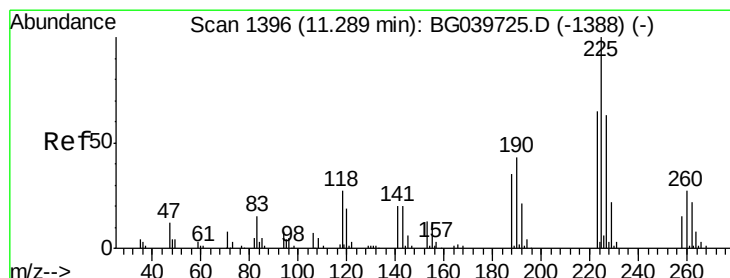
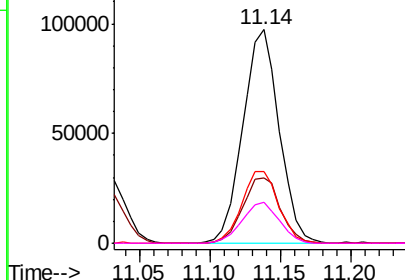
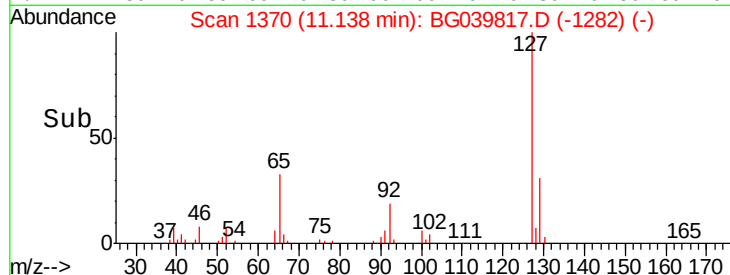
#33
4-Chloroaniline
Concen: 39.798 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	175796
Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.0	40.4
65	33.7	28.8	43.2
92	19.3	16.6	25.0

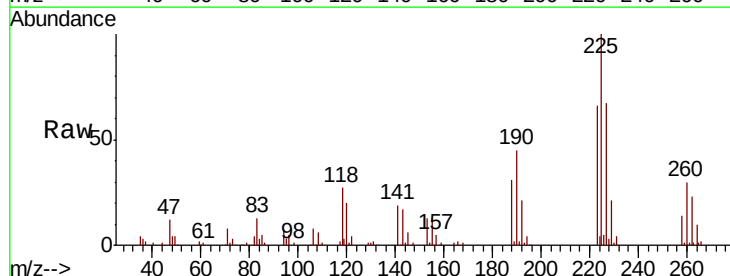


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

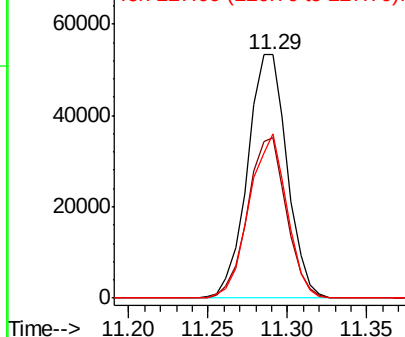
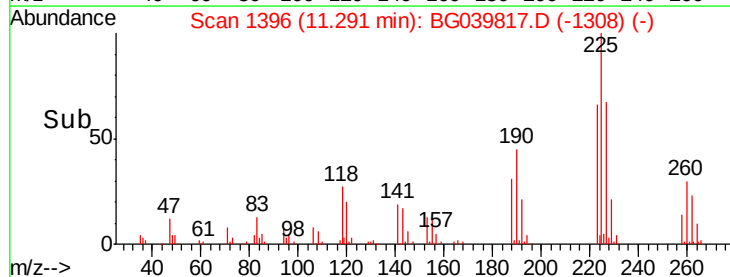


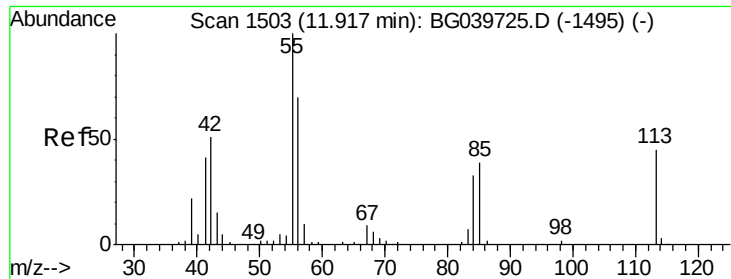
#34
Hexachlorobutadiene
Concen: 37.364 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:	225	Resp:	92700
Ion	Ratio	Lower	Upper
225	100		
223	65.8	49.0	73.6
227	67.3	46.3	69.5



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

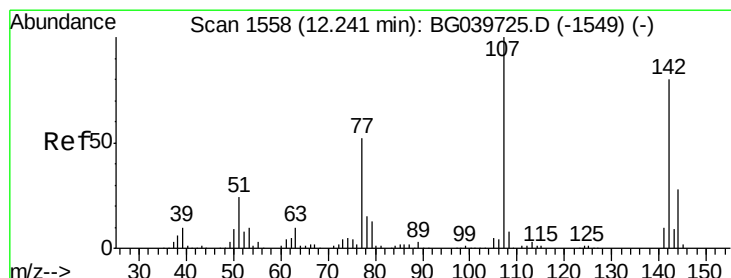
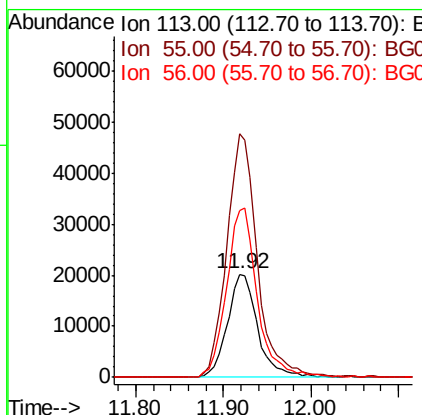
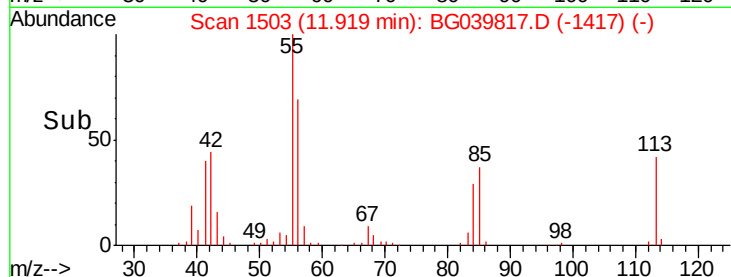
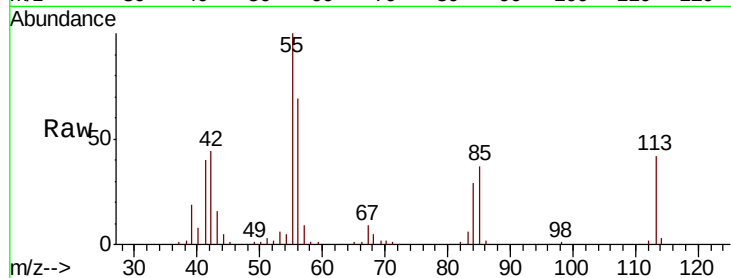




#35
 Caprolactam
 Concen: 38.635 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

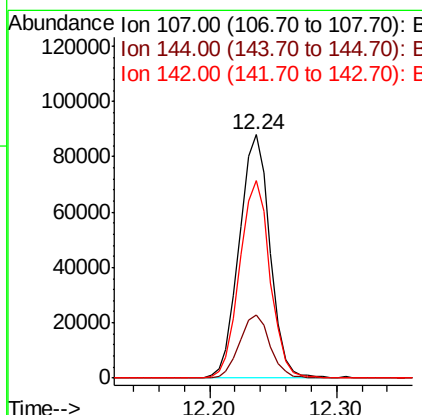
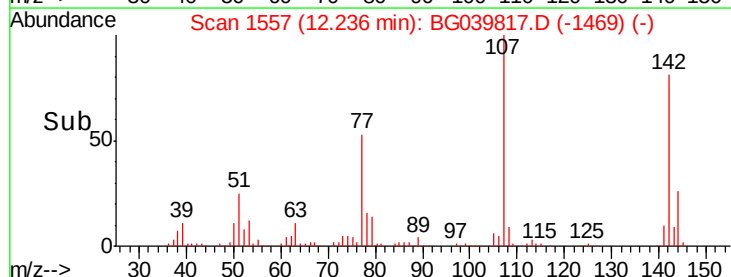
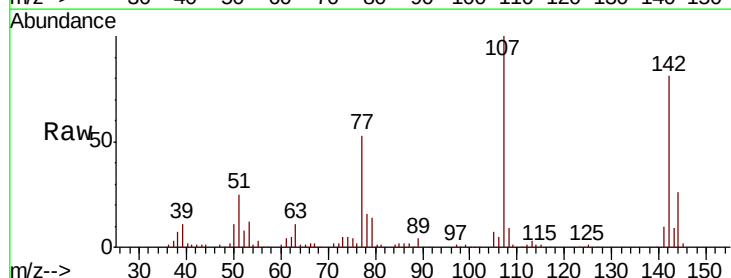
Instrument :
 BNA_G
 ClientSampled :

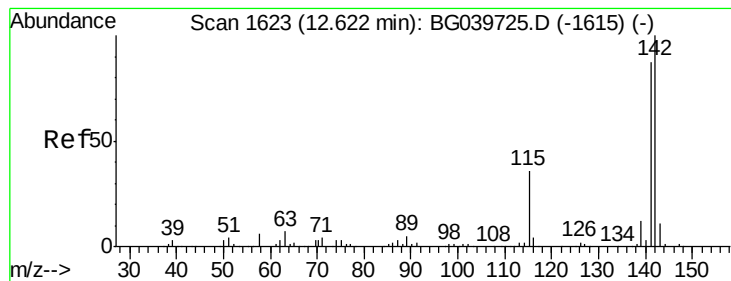
Tot Ion:113 Resp: 47618
 Ion Ratio Lower Upper
 113 100
 55 236.0 216.9 256.9
 56 162.0 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.934 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion:107 Resp: 147701
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.2 30.2
 142 81.4 61.4 92.2





#37

2-Methylnaphthalene

Concen: 38.963 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Instrument :

BNA_G

ClientSampleId :

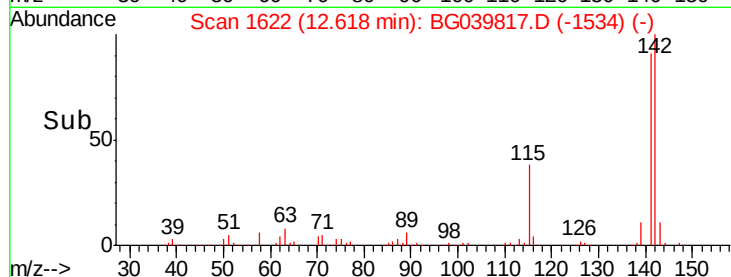
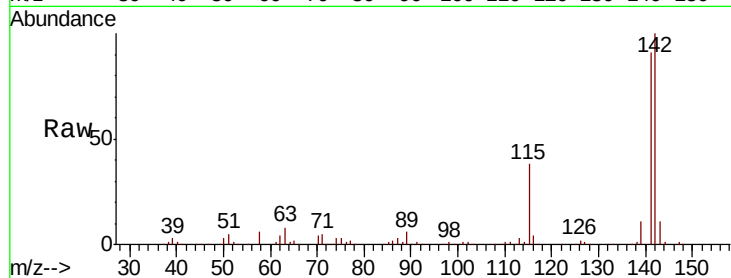
Tot Ion:142 Resp: 303446

Ion Ratio Lower Upper

142 100

141 90.6 73.5 110.3

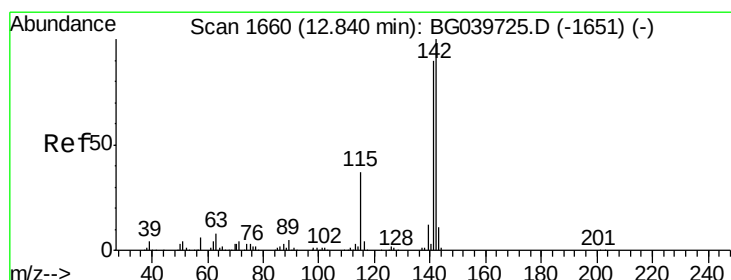
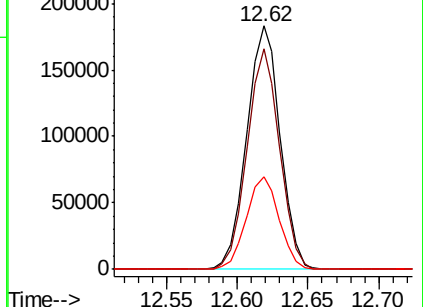
115 37.9 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.848 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

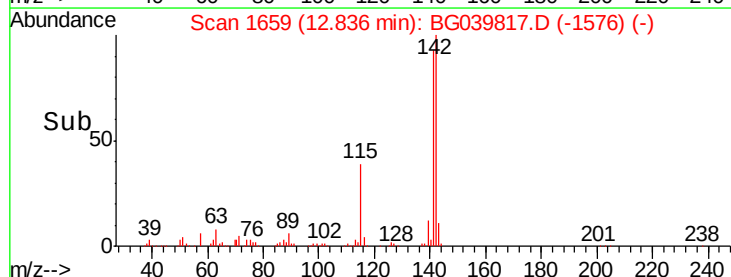
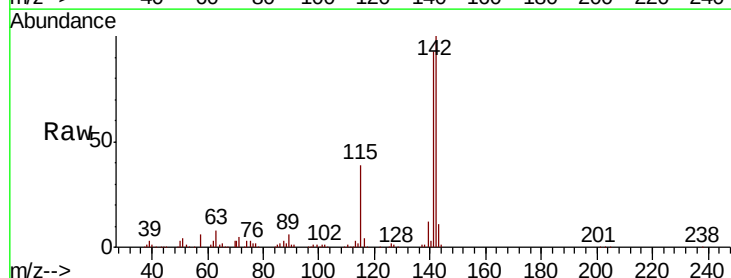
Tgt Ion:142 Resp: 294019

Ion Ratio Lower Upper

142 100

141 92.7 74.2 111.4

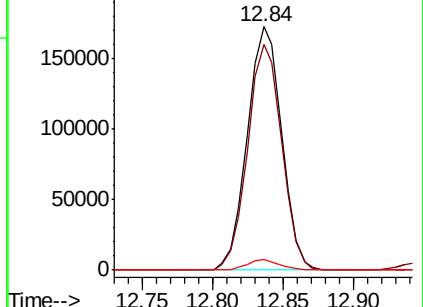
116 4.4 3.0 4.6

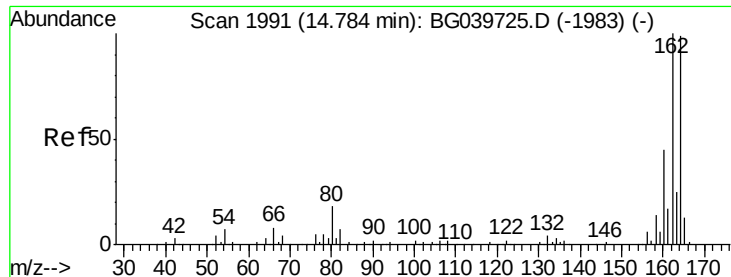


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Instrument :

BNA_G

ClientSampled :

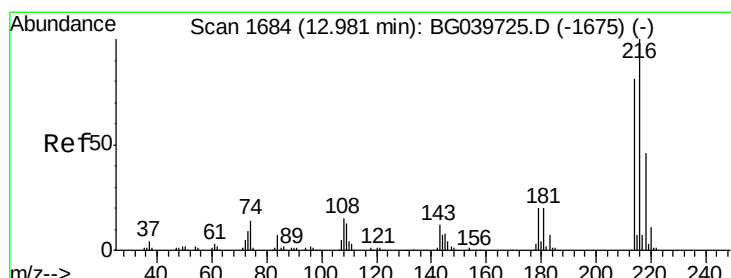
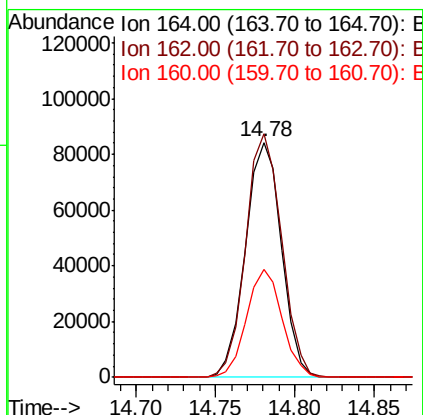
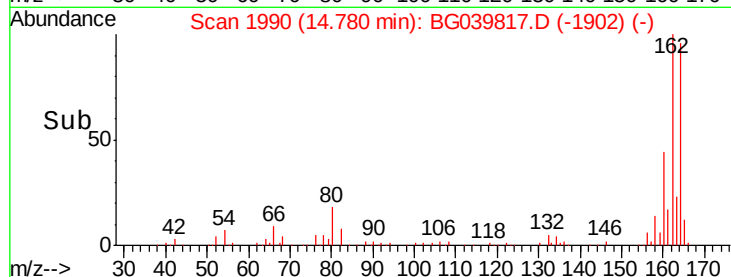
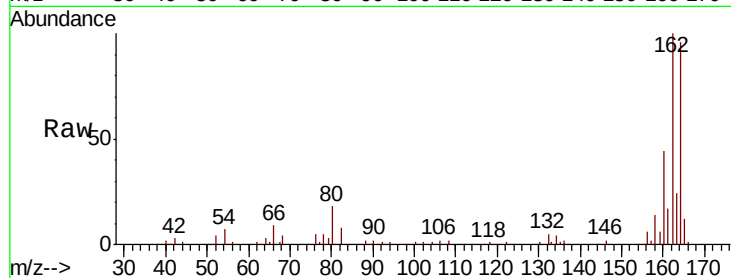
Tot Ion:164 Resp: 132727

Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

160 45.9 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.324 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Tgt Ion:216 Resp: 172324

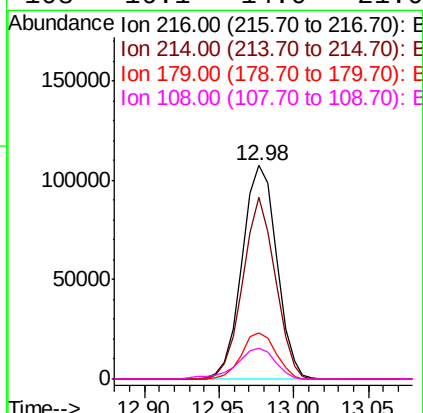
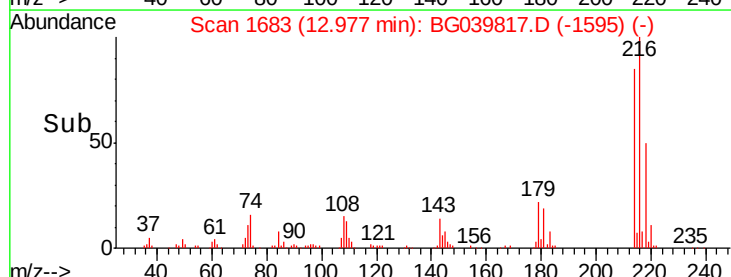
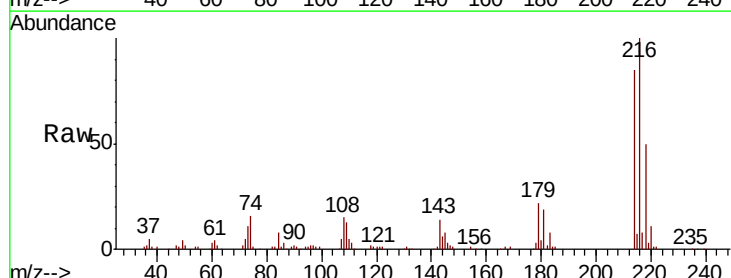
Ion Ratio Lower Upper

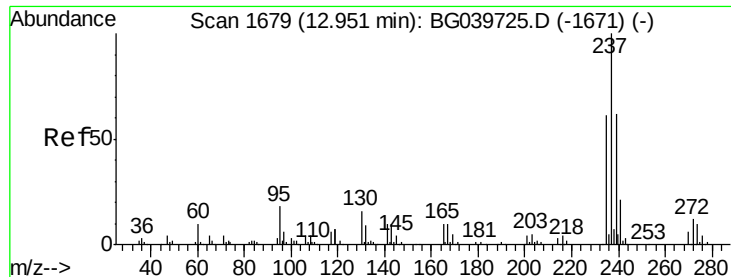
216 100

214 79.8 62.6 94.0

179 21.3 16.6 25.0

108 16.1 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 33.647 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Instrument :

BNA_G

ClientSampleId :

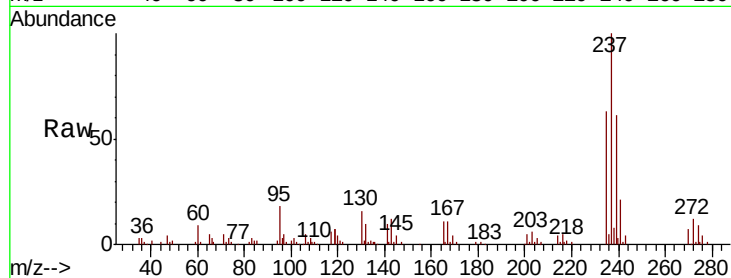
Tot Ion:237 Resp: 81077

Ion Ratio Lower Upper

237 100

235 63.0 43.3 83.3

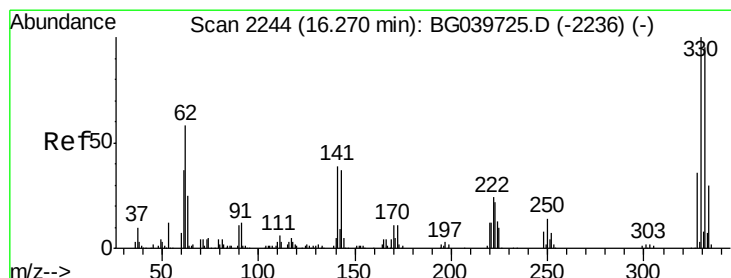
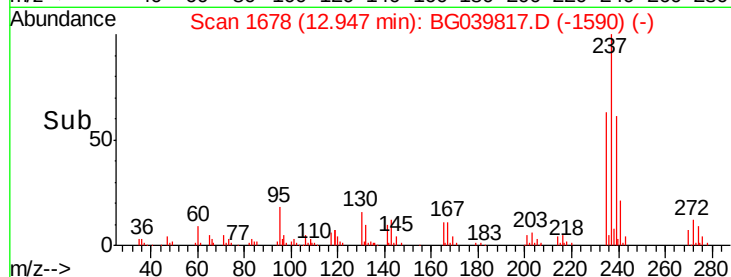
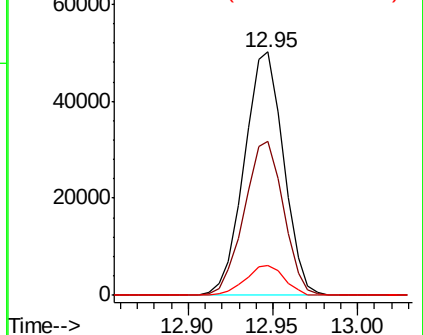
272 12.1 0.0 32.3



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: 80.143 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

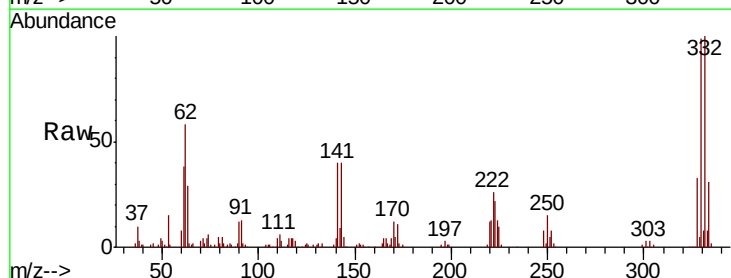
Tgt Ion:330 Resp: 123983

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

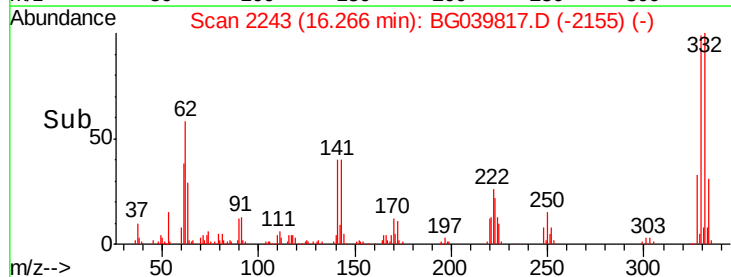
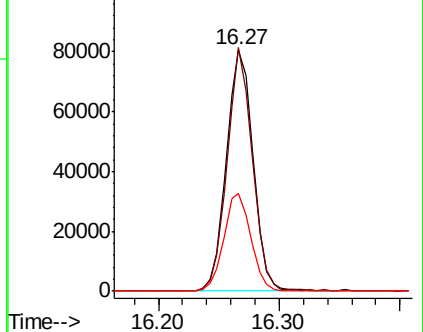
141 40.7 35.6 53.4

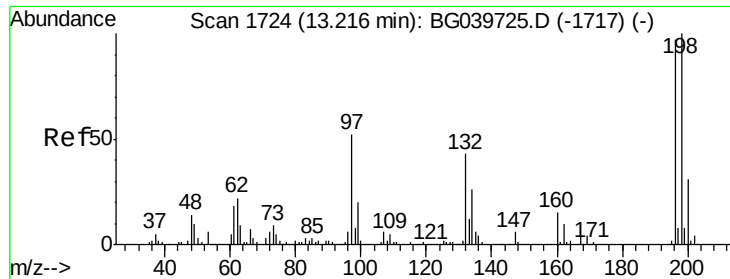


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

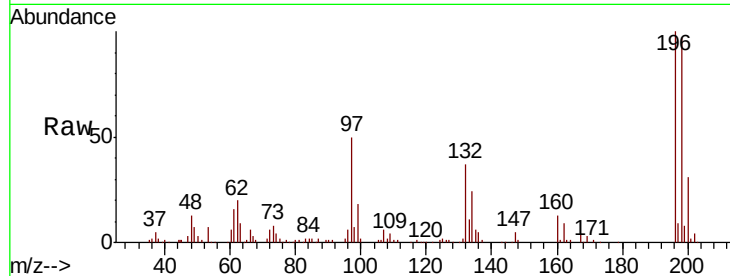




#43
 2,4,6-Trichlorophenol
 Concen: 41.379 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	80.6	121.0
200	30.6	26.1	39.1

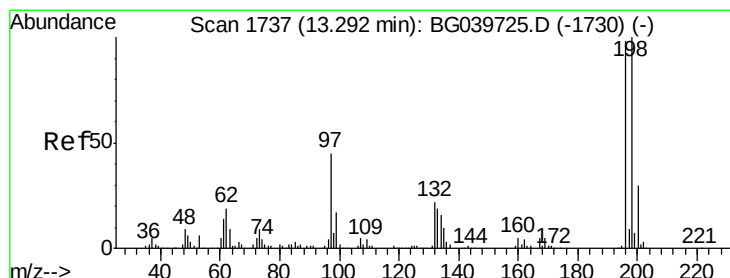
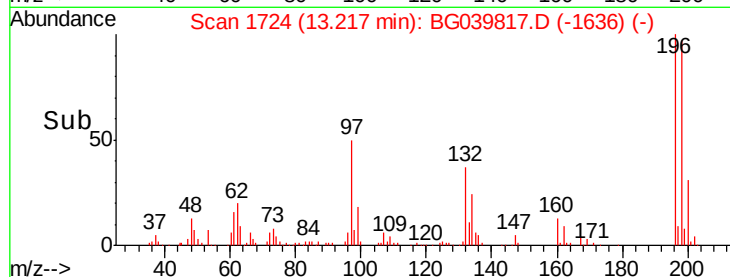
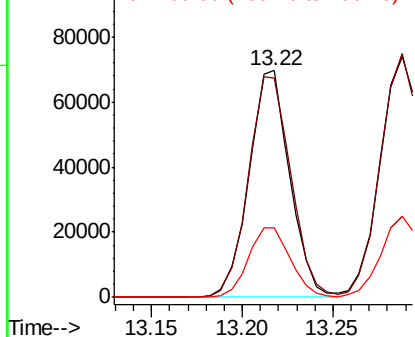


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.179 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	78.5	117.7
97	49.2	38.4	57.6
132	25.6	19.2	28.8

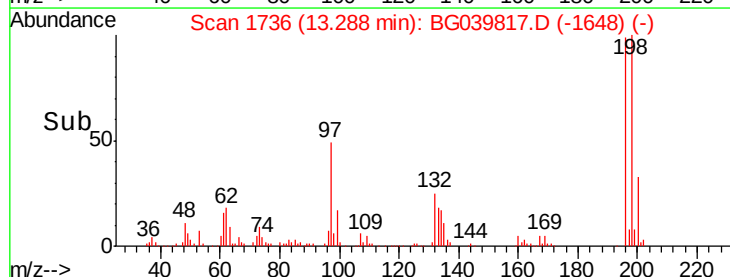
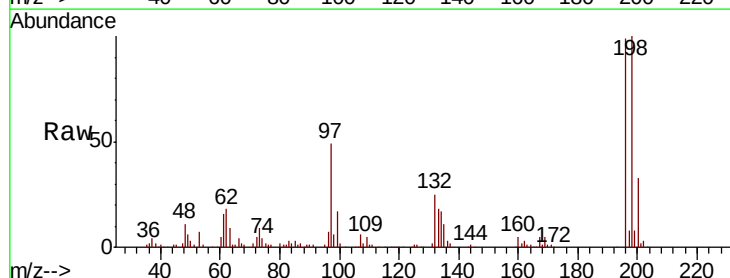
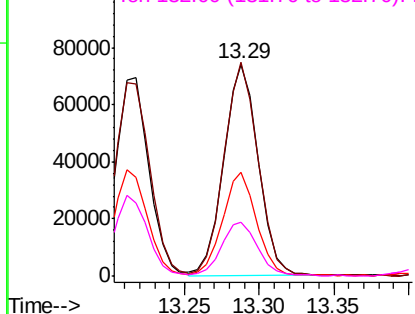
Abundance

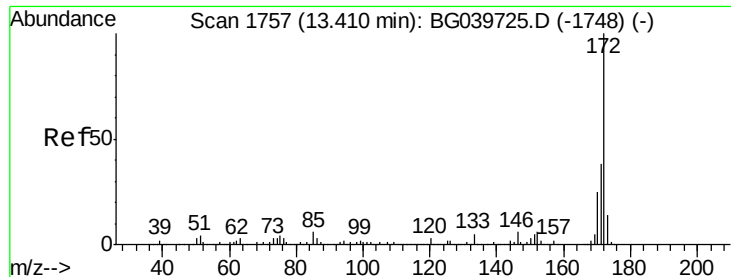
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

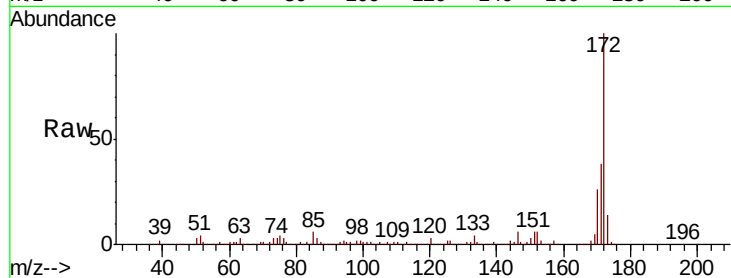




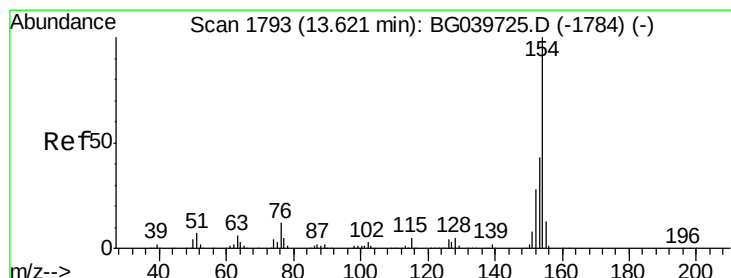
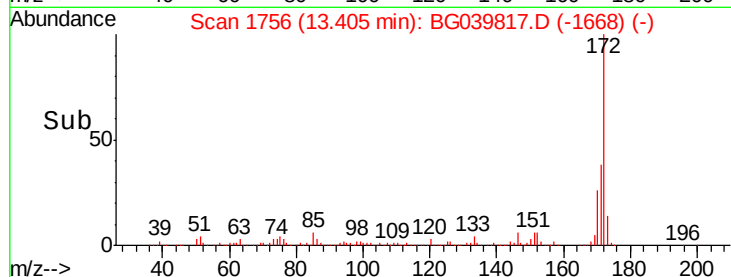
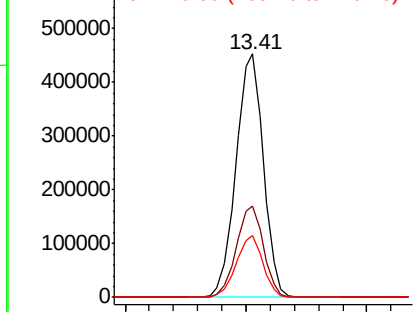
#45
2-Fluorobiphenyl
Concen: 76.522 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 713329
Ion Ratio Lower Upper
172 100
171 37.6 30.8 46.2
170 25.7 20.2 30.4

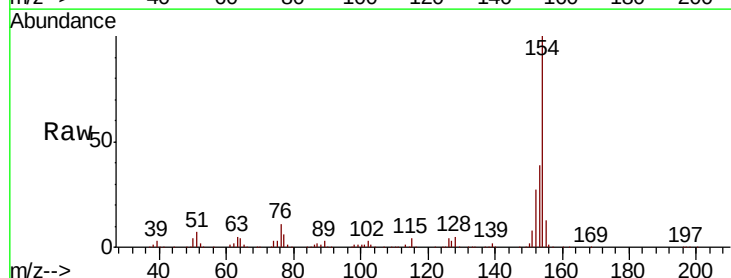


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

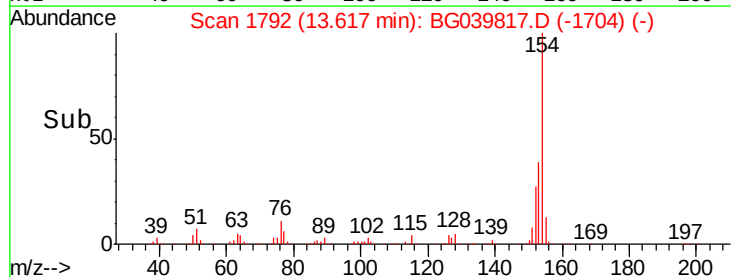
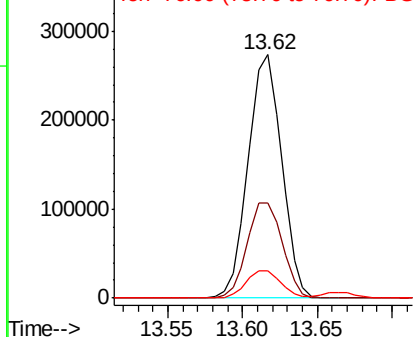


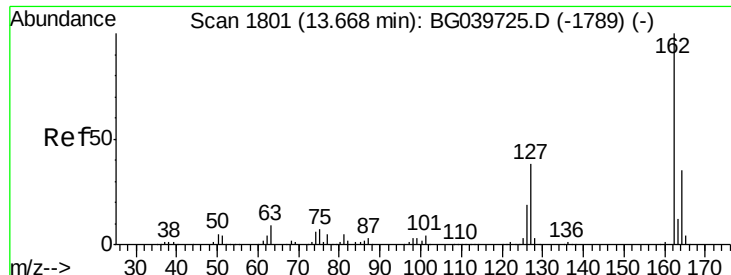
#46
1,1'-Biphenyl
Concen: 38.845 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:154 Resp: 424051
Ion Ratio Lower Upper
154 100
153 38.9 22.1 62.1
76 11.1 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): BGC

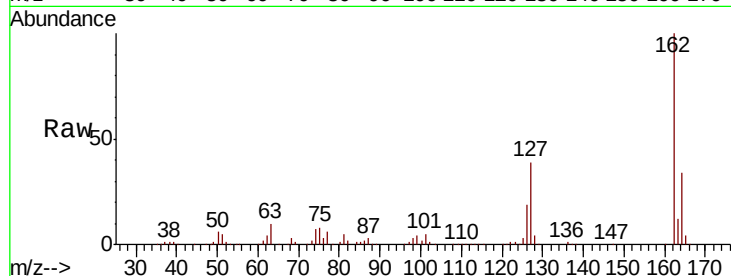




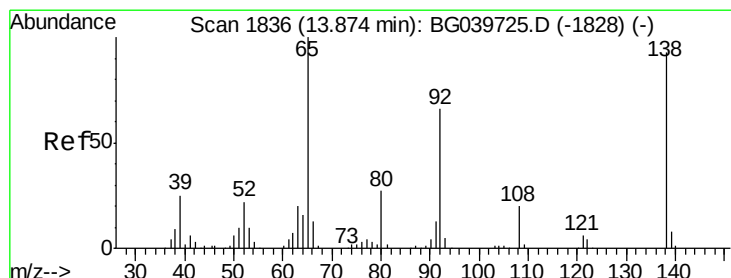
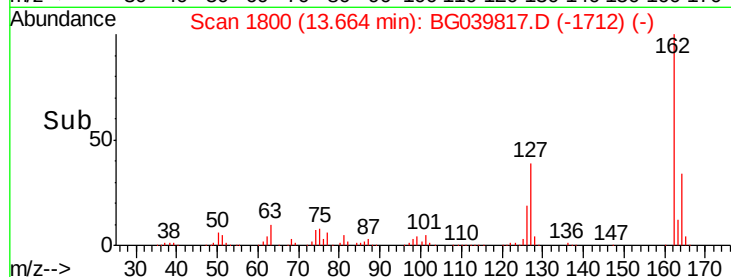
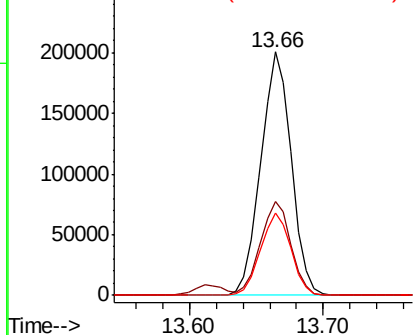
#47
 2-Chloronaphthalene
 Concen: 38.524 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 316375
 Ion Ratio Lower Upper
 162 100
 127 38.7 31.0 46.6
 164 33.9 25.7 38.5

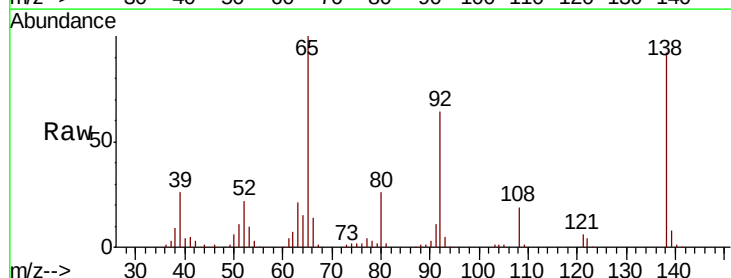


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

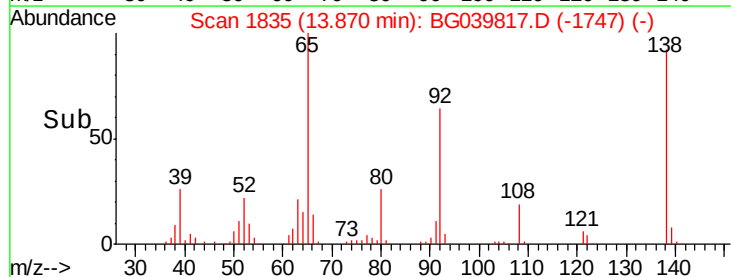
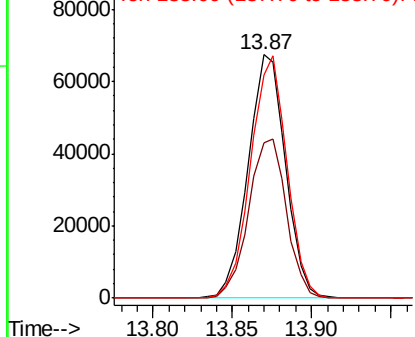


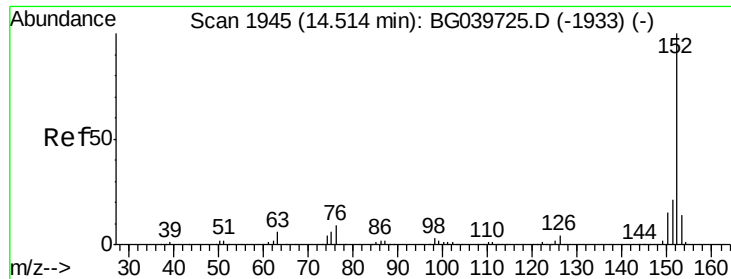
#48
 2-Nitroaniline
 Concen: 41.887 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion: 65 Resp: 110549
 Ion Ratio Lower Upper
 65 100
 92 63.6 51.4 77.2
 138 91.5 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: 38.958 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Instrument :

BNA_G

ClientSampleId :

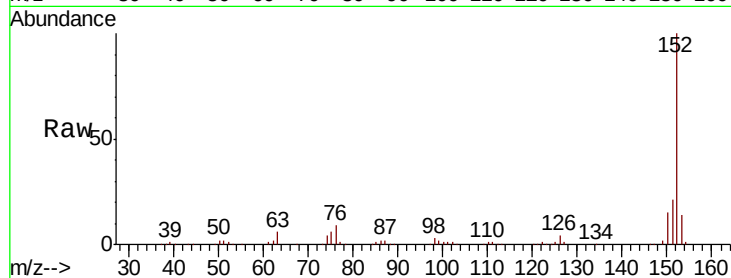
Tot Ion:152 Resp: 525212

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

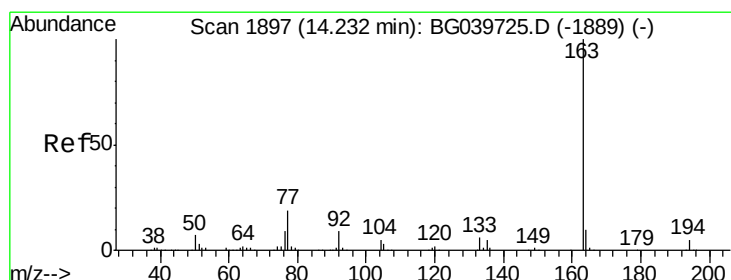
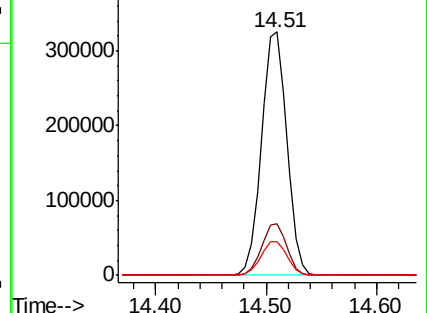
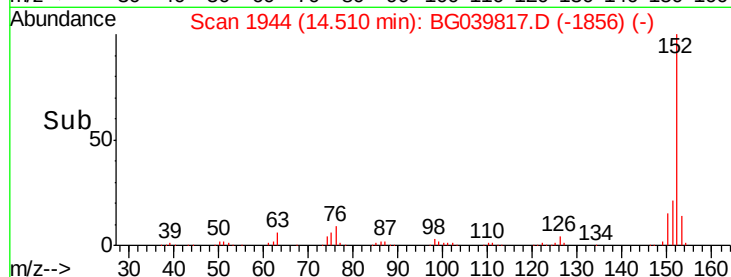
153 14.0 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.348 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

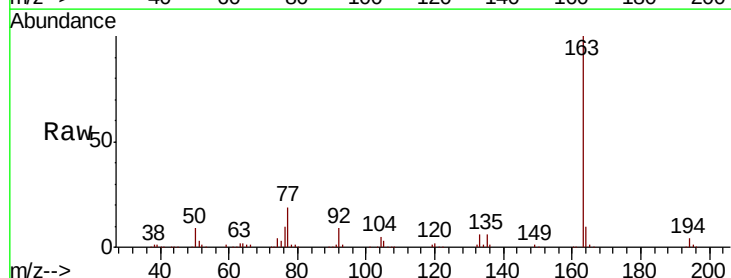
Tgt Ion:163 Resp: 425601

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

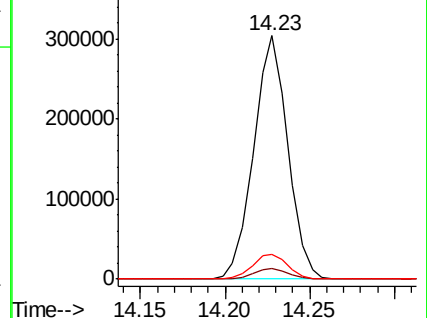
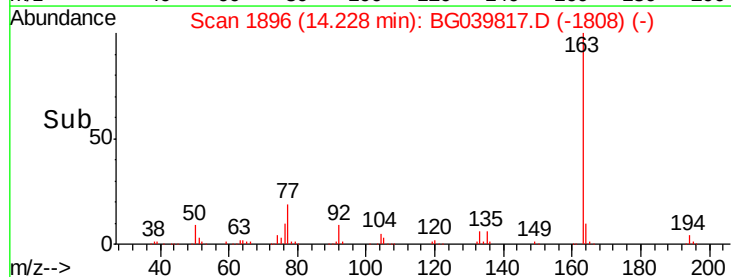
164 10.2 8.4 12.6

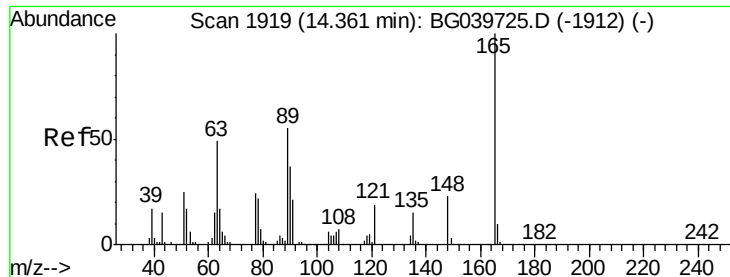


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

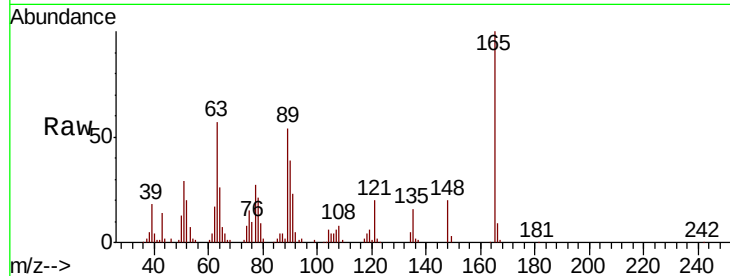




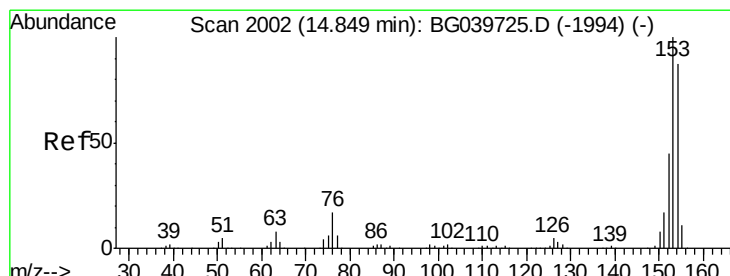
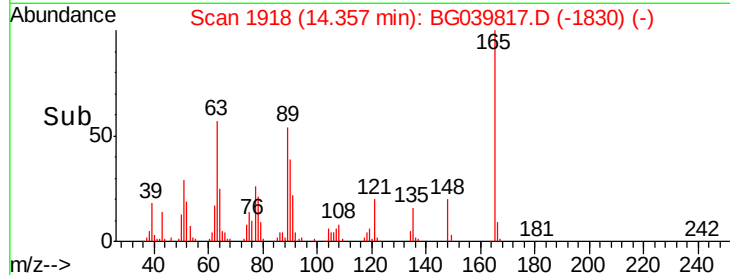
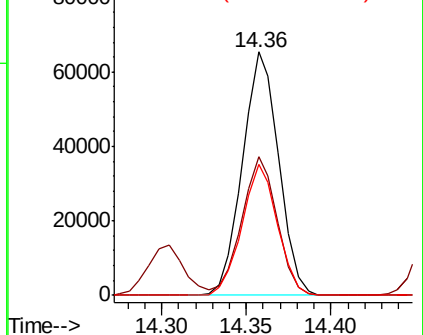
#51
 2,6-Dinitrotoluene
 Concen: 41.332 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 97247
 Ion Ratio Lower Upper
 165 100
 63 56.9 47.0 70.6
 89 53.9 45.8 68.8

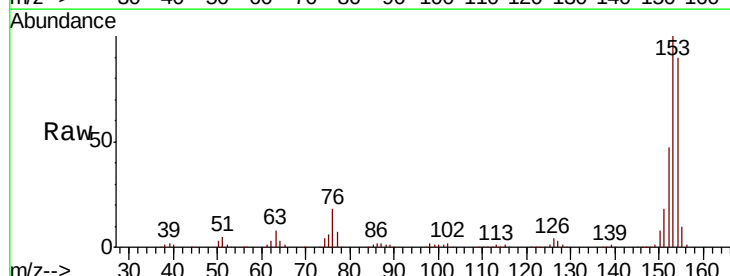


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

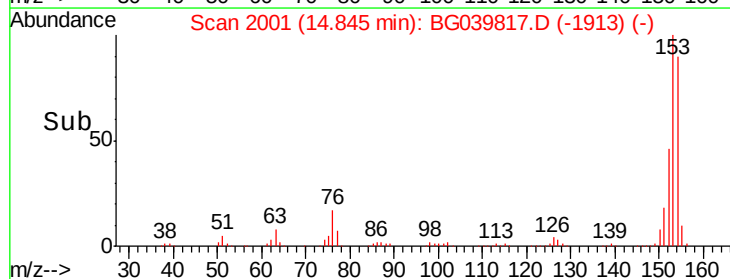
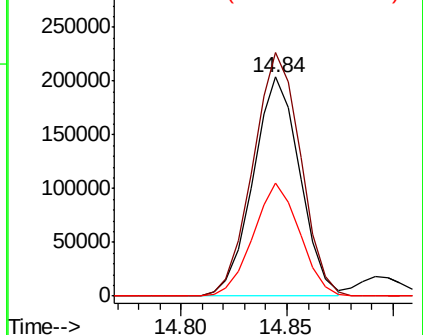


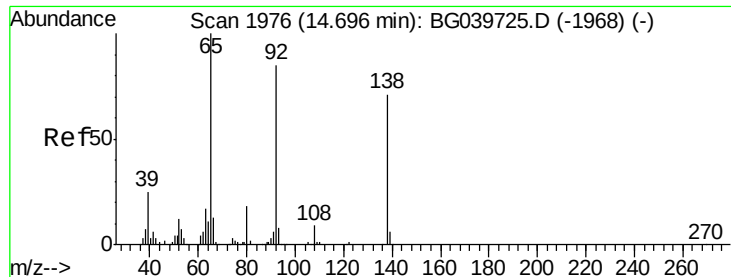
#52
 Acenaphthene
 Concen: 38.711 ng
 RT: 14.84 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion:154 Resp: 314113
 Ion Ratio Lower Upper
 154 100
 153 111.2 90.1 135.1
 152 51.7 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

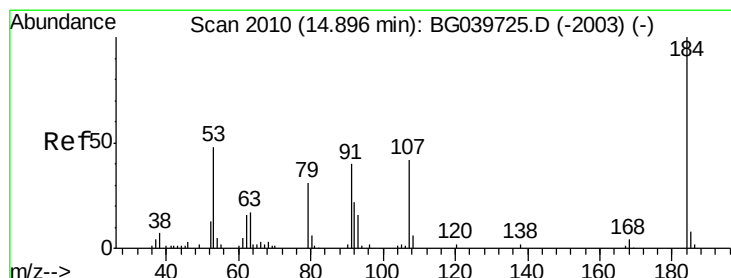
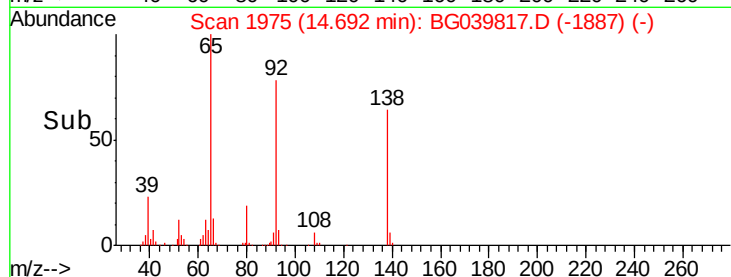
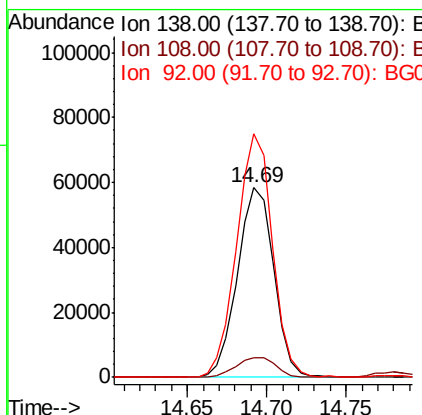
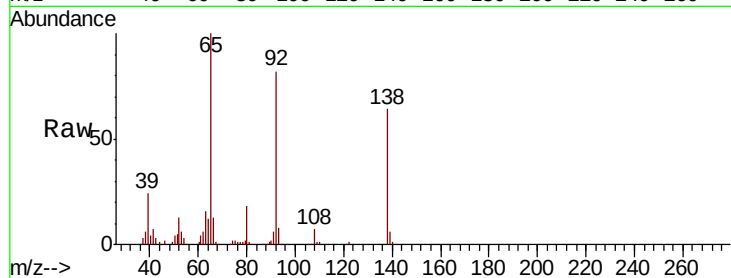




#53
3-Nitroaniline
Concen: 39.310 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

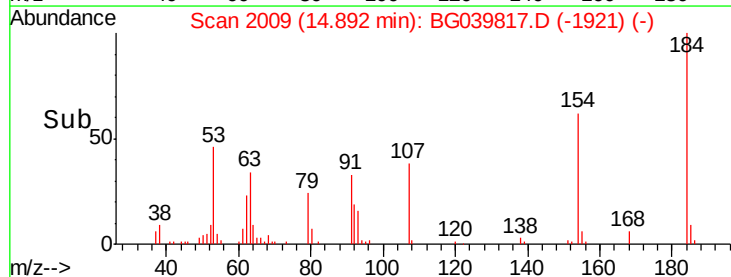
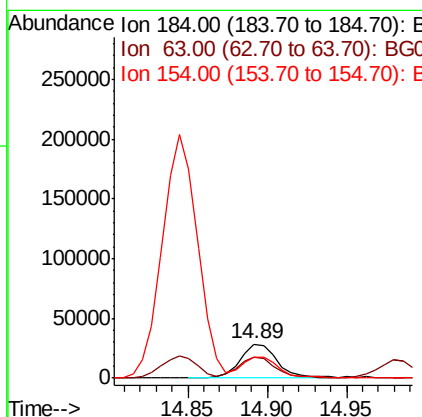
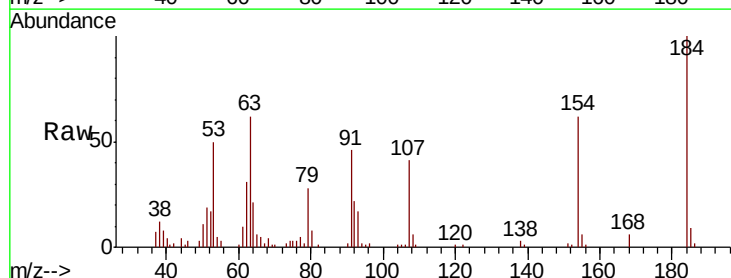
Instrument :
BNA_G
ClientSampleId :

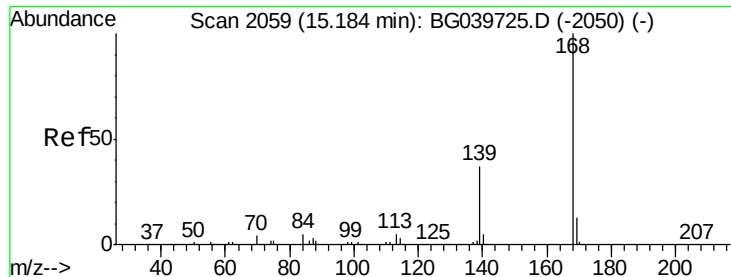
Tot Ion:138 Resp: 92971
Ion Ratio Lower Upper
138 100
108 10.5 13.8 20.8#
92 128.3 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 34.389 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:184 Resp: 46266
Ion Ratio Lower Upper
184 100
63 61.5 50.9 76.3
154 62.4 53.0 79.6

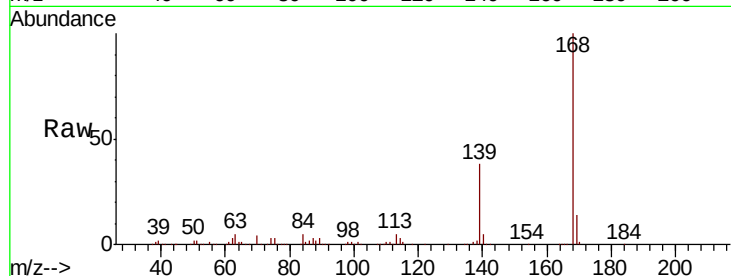




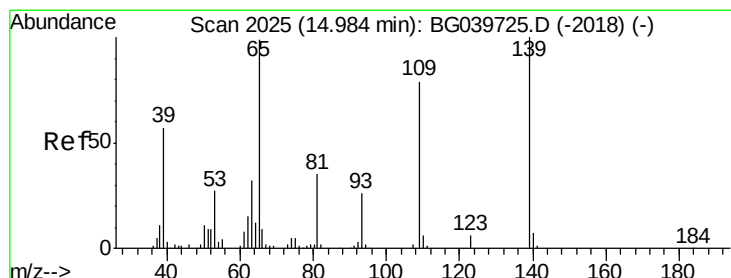
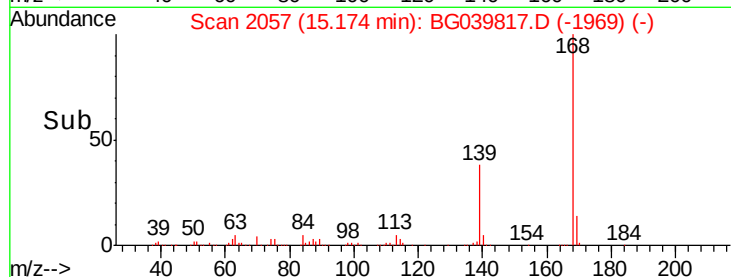
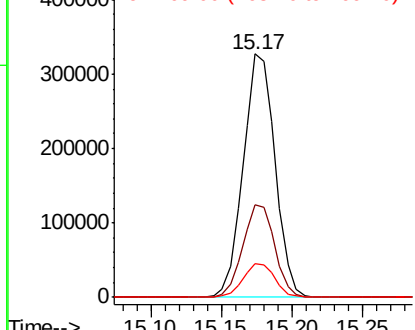
#55
Dibenzofuran
Concen: 38.683 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 514989
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 13.9 10.6 16.0

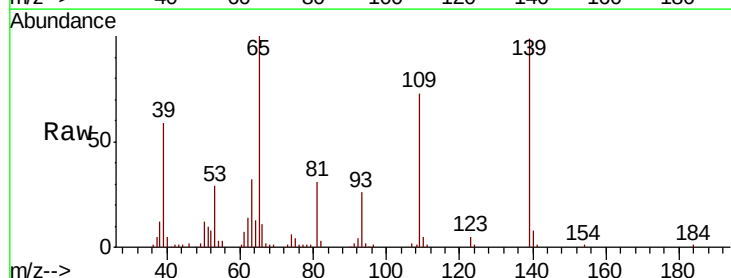


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

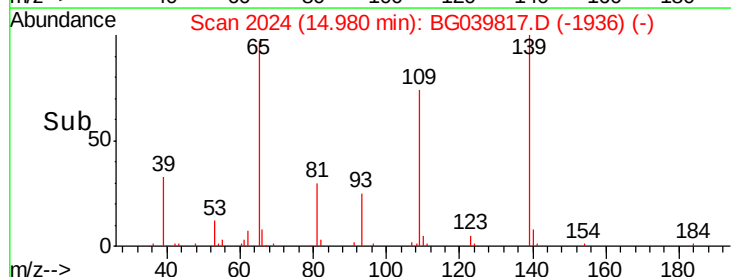
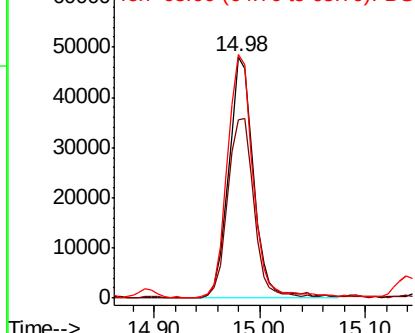


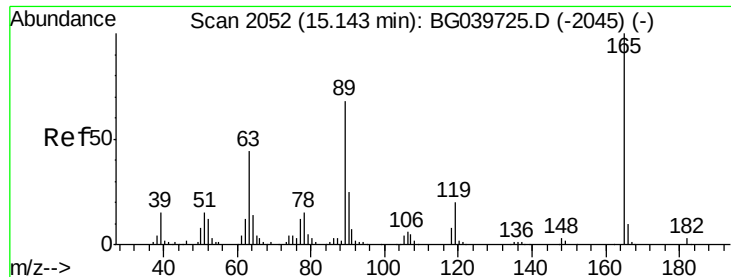
#56
4-Nitrophenol
Concen: 36.863 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:139 Resp: 77993
Ion Ratio Lower Upper
139 100
109 73.7 61.9 101.9
65 100.7 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): BG

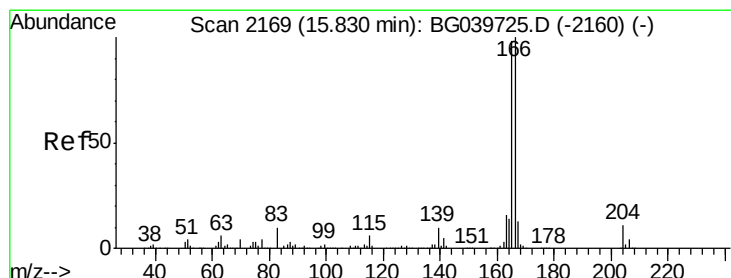
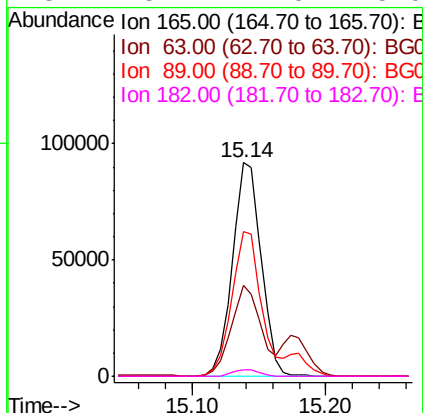
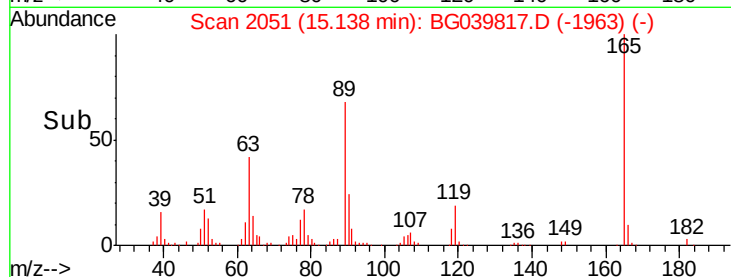
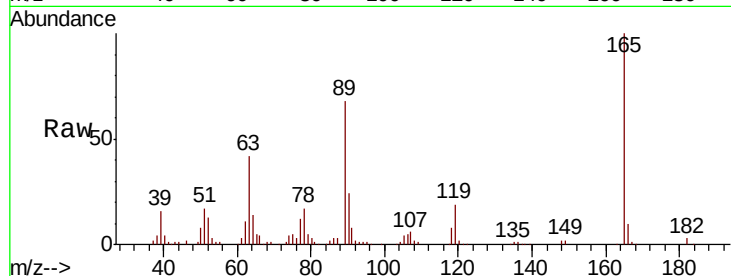




#57
2,4-Dinitrotoluene
Concen: 41.684 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

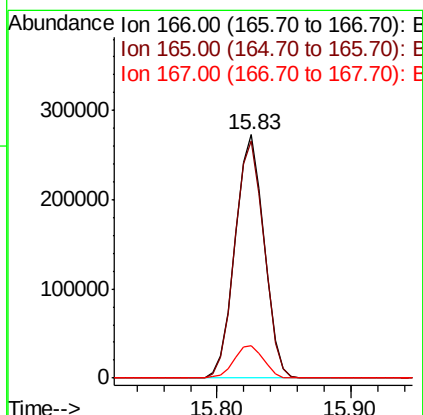
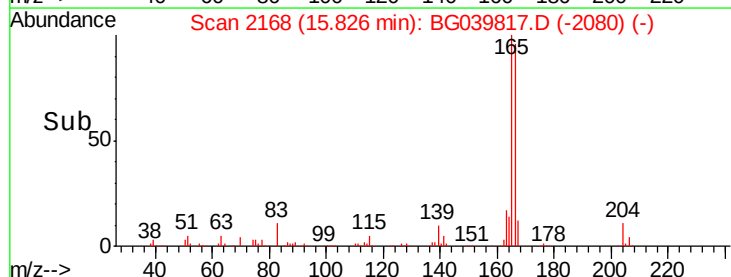
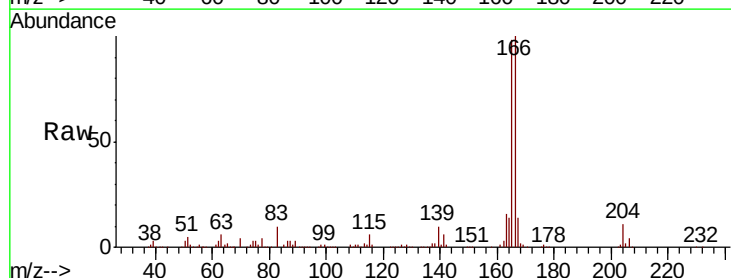
Instrument :
BNA_G
ClientSampled :

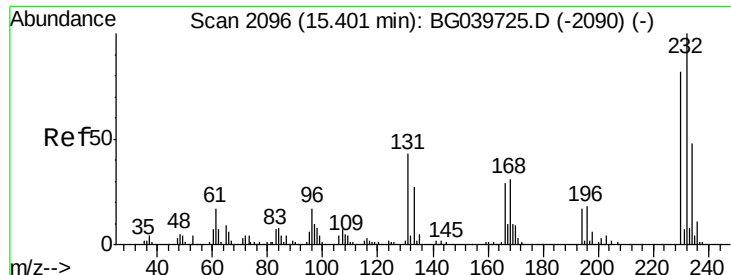
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	41.0	61.6
89	67.8	64.6	96.8
182	3.1	2.0	3.0#



#58
Fluorene
Concen: 39.198 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	13.5	10.8	16.2

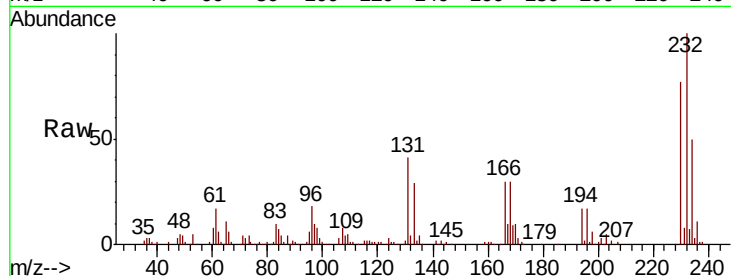




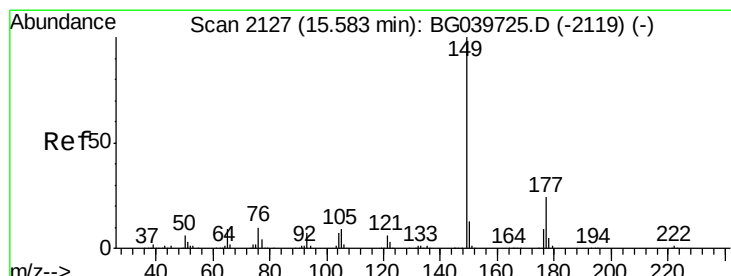
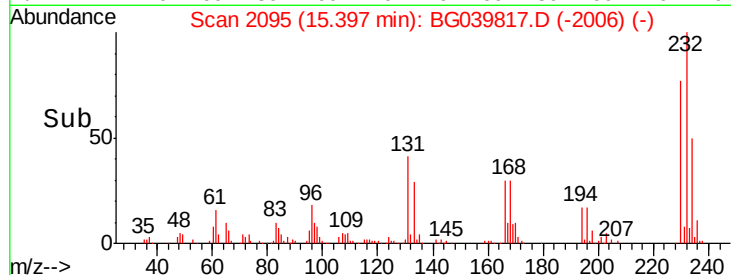
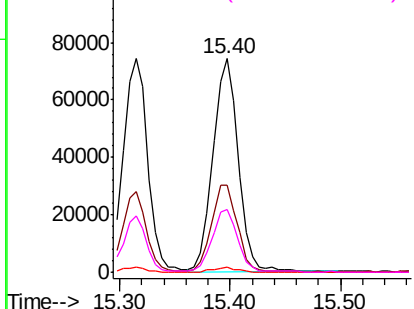
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.581 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	117600
Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.9	52.3
130	2.1	2.0	3.0
166	29.1	24.1	36.1

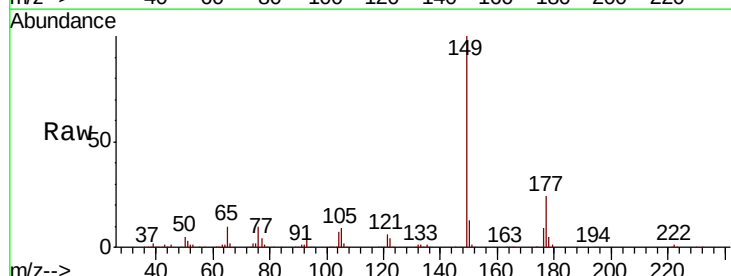


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

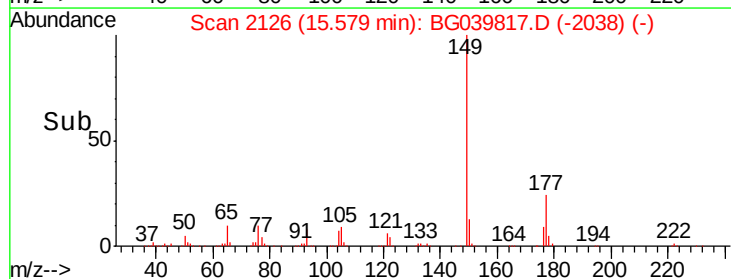
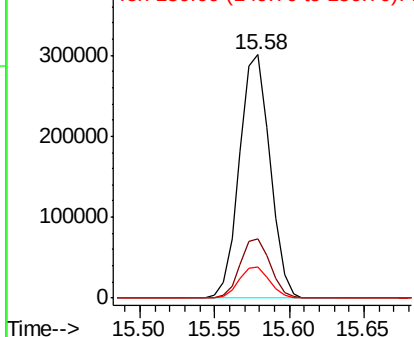


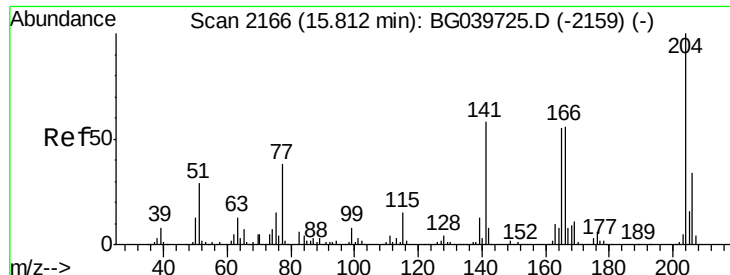
#60
 Diethylphthalate
 Concen: 38.823 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion:	149	Resp:	426538
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.3	27.5
150	12.8	10.2	15.2



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

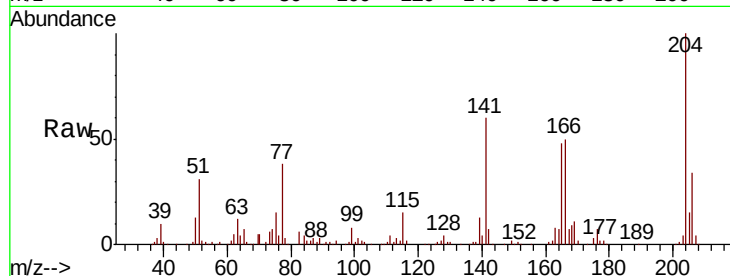




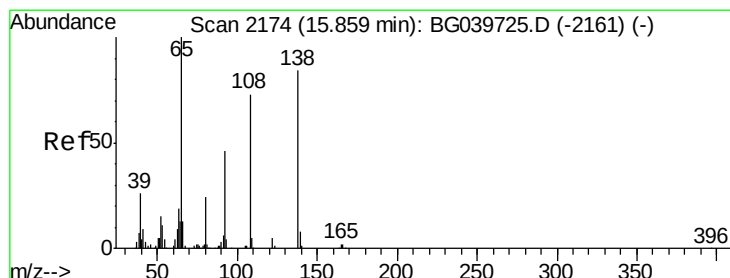
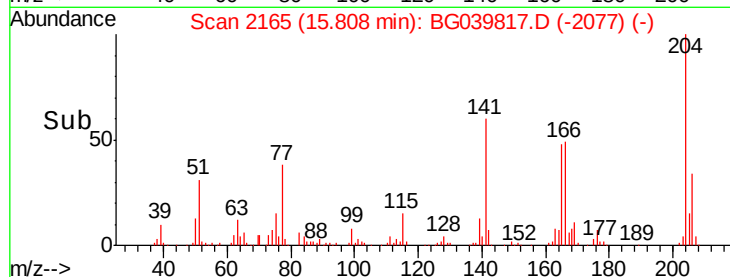
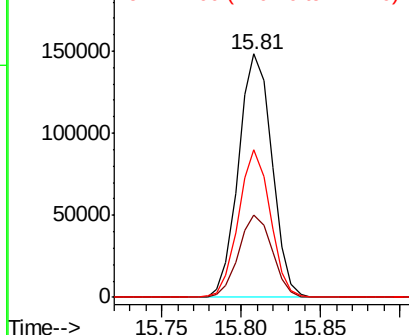
#61
4-Chlorophenyl-phenylether
Concen: 38.751 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 216418
Ion Ratio Lower Upper
204 100
206 34.1 29.2 43.8
141 60.4 49.0 73.4

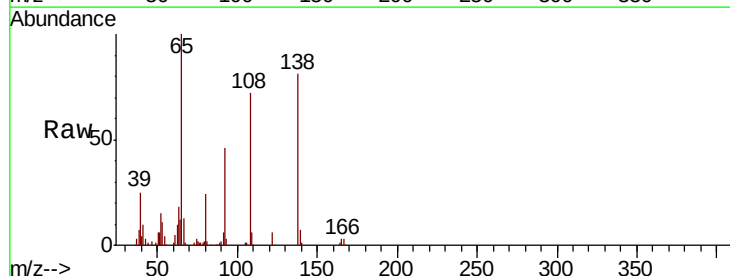


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

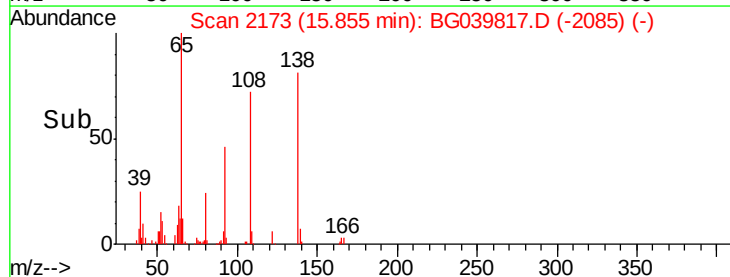
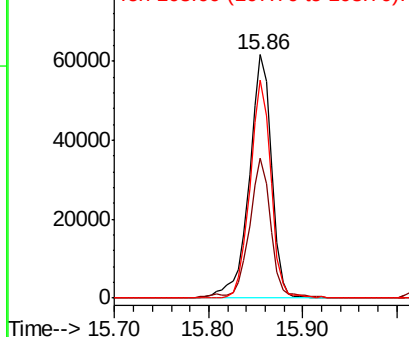


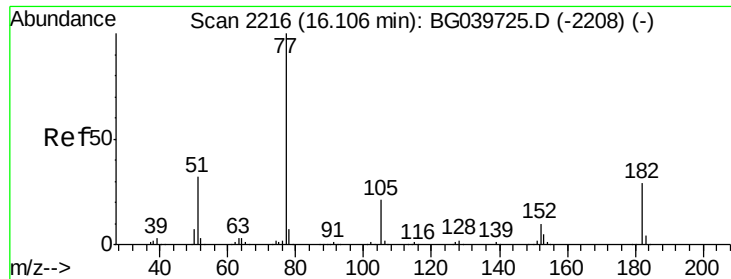
#62
4-Nitroaniline
Concen: 39.448 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:138 Resp: 101145
Ion Ratio Lower Upper
138 100
92 57.3 38.7 78.7
108 89.4 74.6 114.6



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

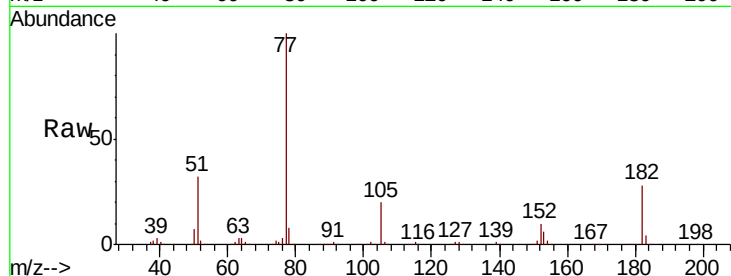




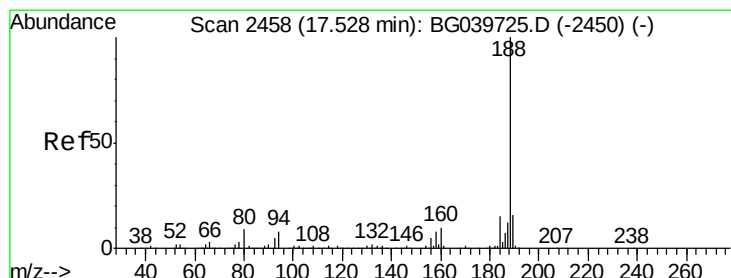
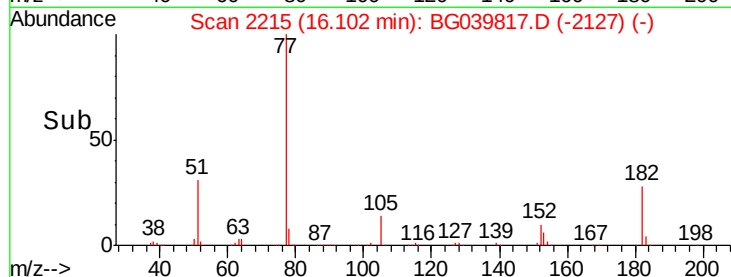
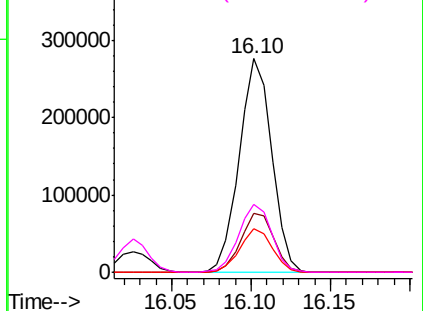
#63
Azobenzene
Concen: 39.296 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	391358
Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.4	46.4
105	20.1	0.0	39.8
51	32.0	14.1	54.1

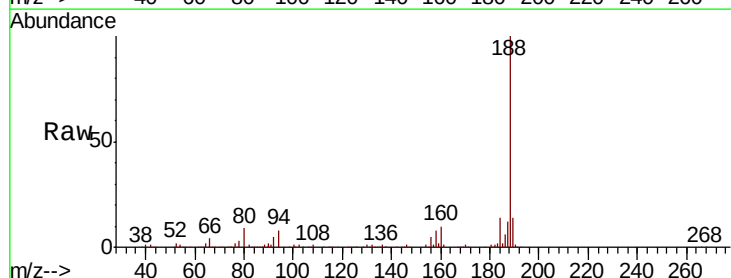


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

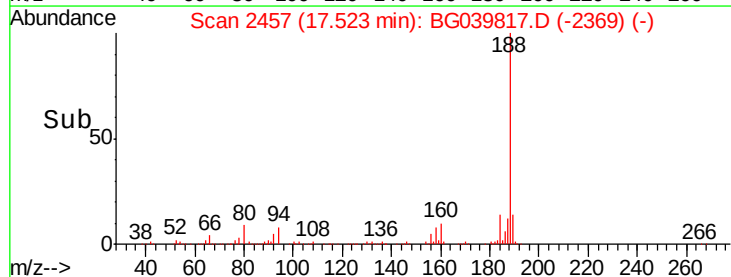
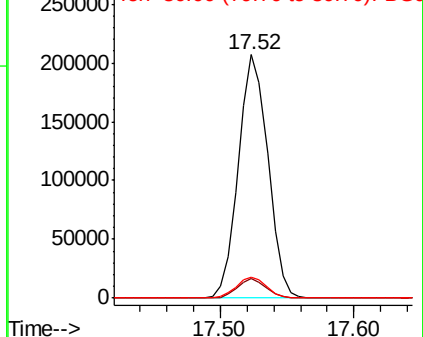


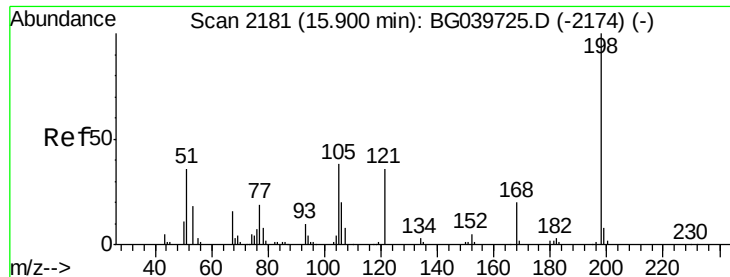
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:	188	Resp:	316537
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.7	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: 34.339 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

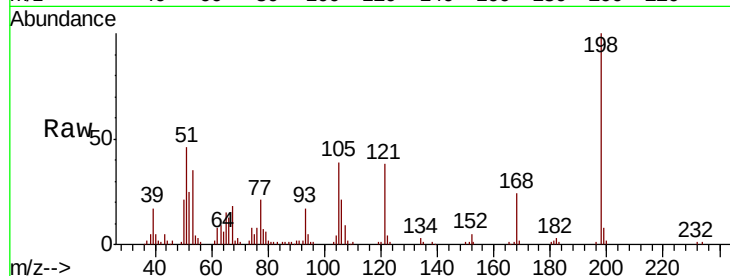
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 64268

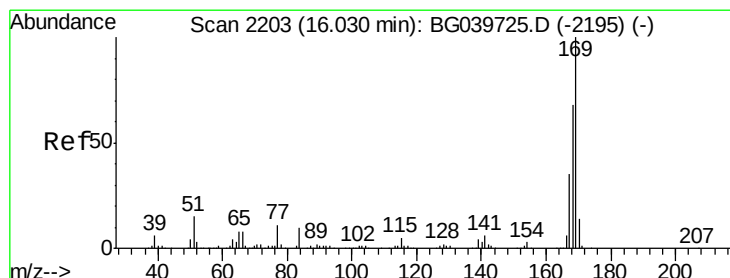
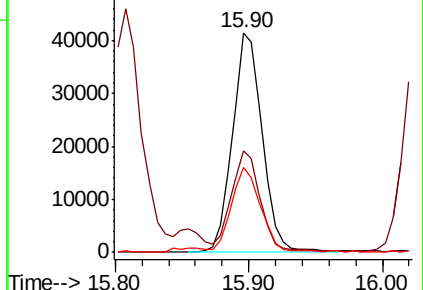
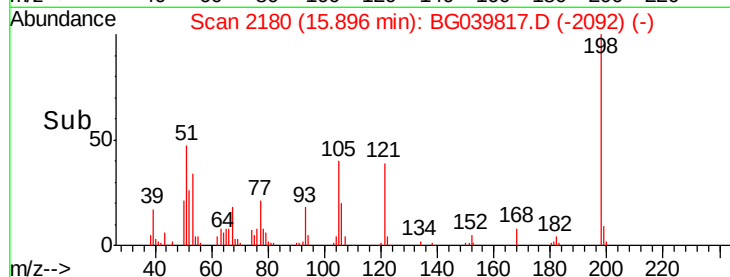
Ion	Ratio	Lower	Upper
198	100		
51	46.3	27.4	67.4
105	38.7	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039817.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.793 ng

RT: 16.03 min Scan# 2202

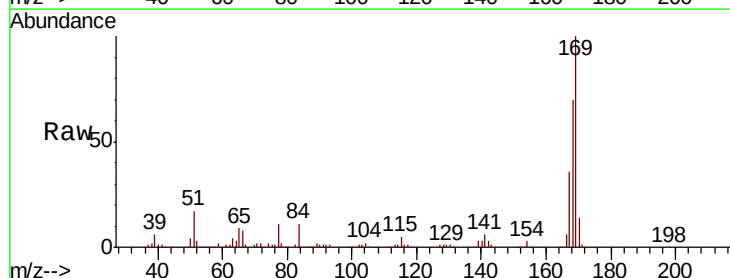
Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Tgt Ion:169 Resp: 364652

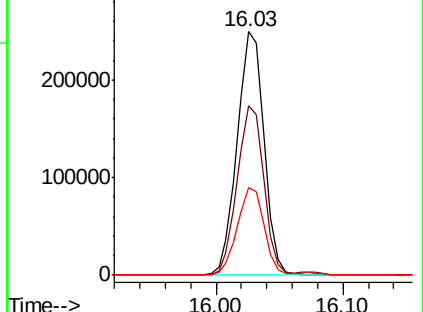
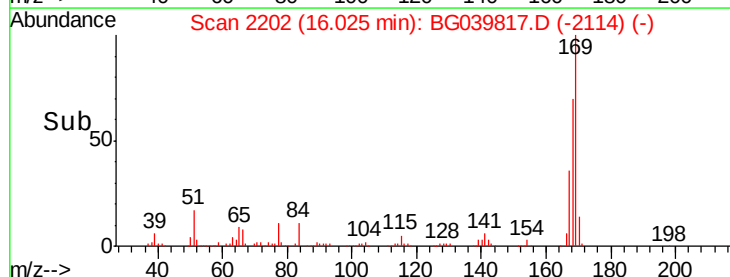
Ion	Ratio	Lower	Upper
169	100		
168	69.7	56.6	85.0
167	36.1	28.8	43.2

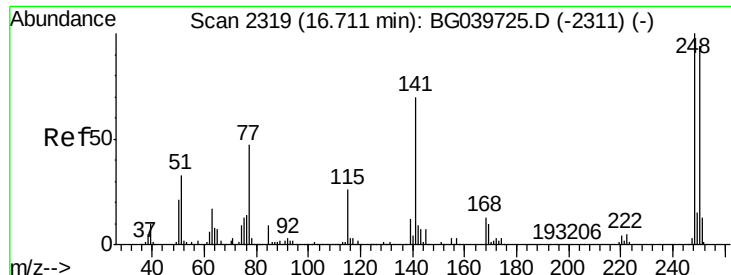


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

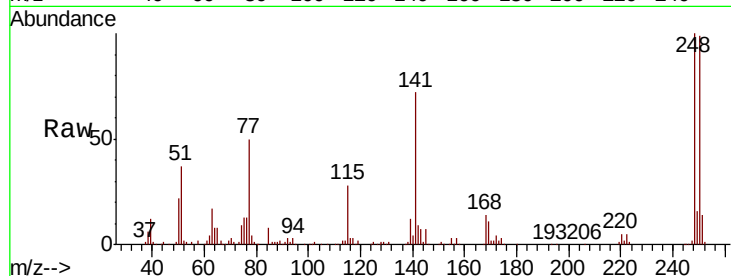




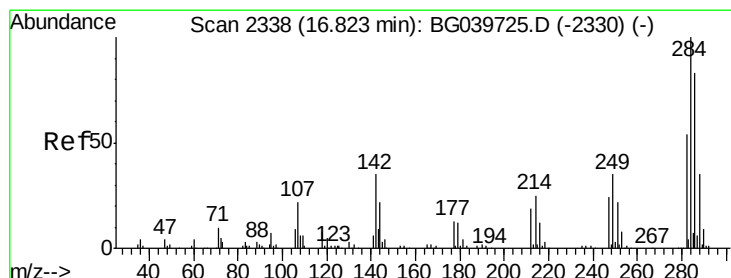
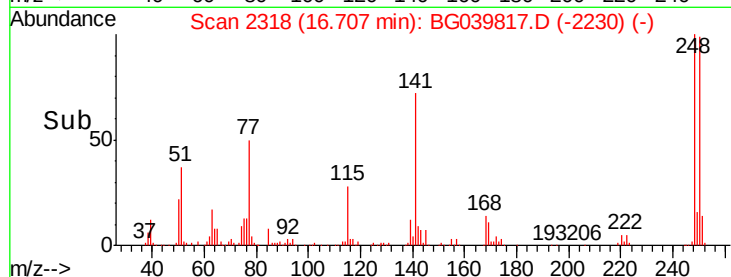
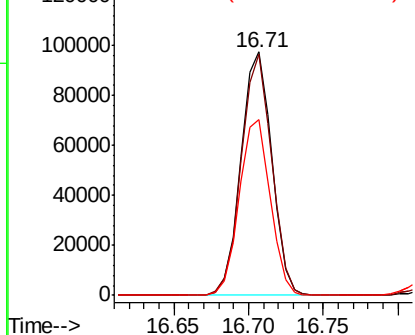
#67
 4-Bromophenyl-phenylether
 Concen: 39.208 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 138918
 Ion Ratio Lower Upper
 248 100
 250 98.9 77.6 116.4
 141 72.3 63.9 95.9

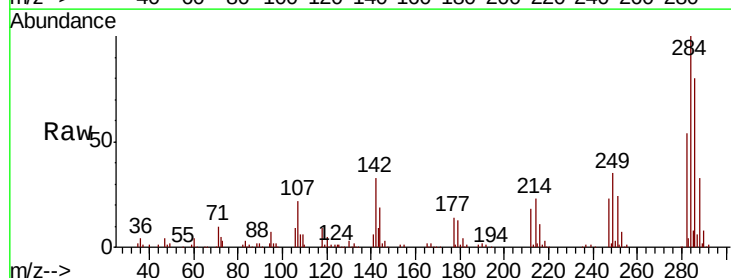


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

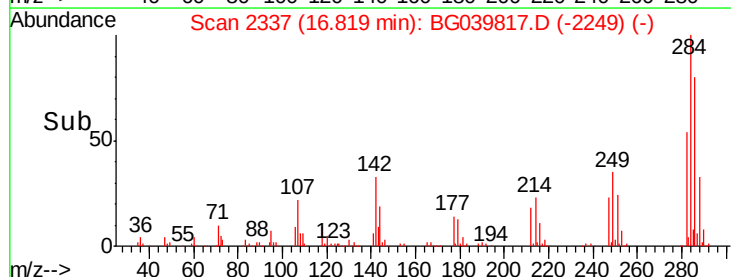
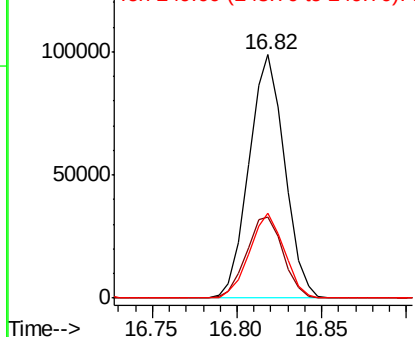


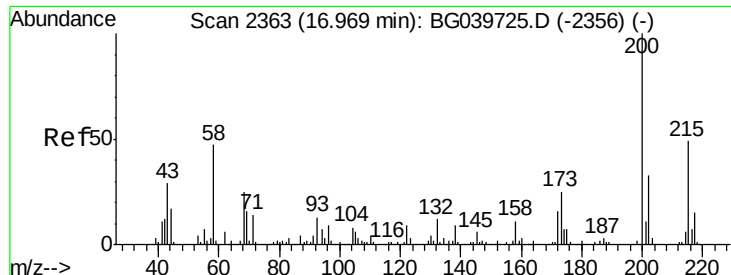
#68
 Hexachlorobenzene
 Concen: 39.438 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion:284 Resp: 144844
 Ion Ratio Lower Upper
 284 100
 142 33.2 30.6 45.8
 249 35.0 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: 39.182 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Instrument :

BNA_G

ClientSampled :

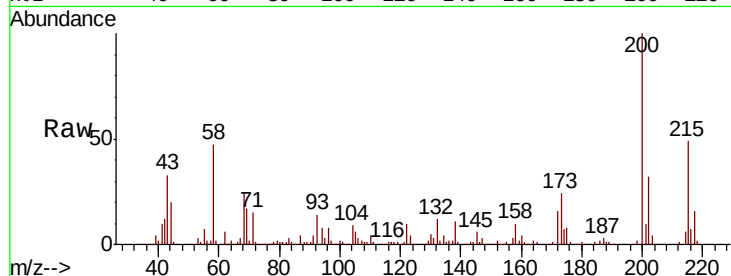
Tot Ion:200 Resp: 141310

Ion Ratio Lower Upper

200 100

173 23.8 3.9 43.9

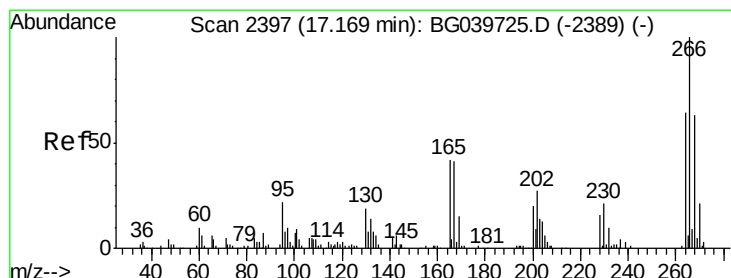
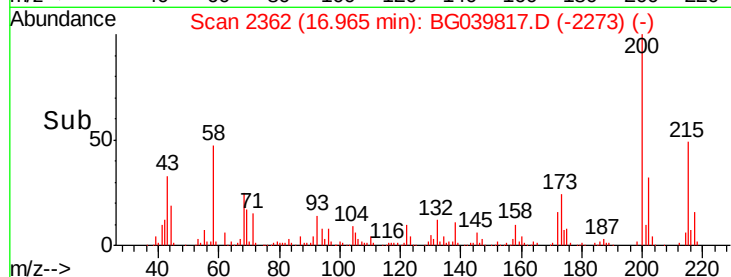
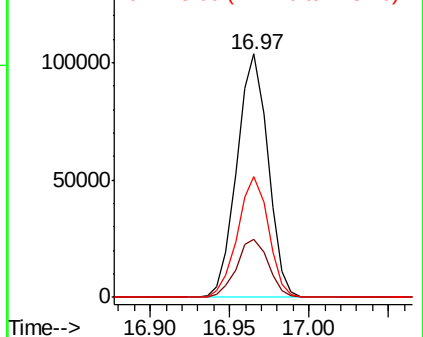
215 49.3 30.9 70.9



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: 35.996 ng

RT: 17.17 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

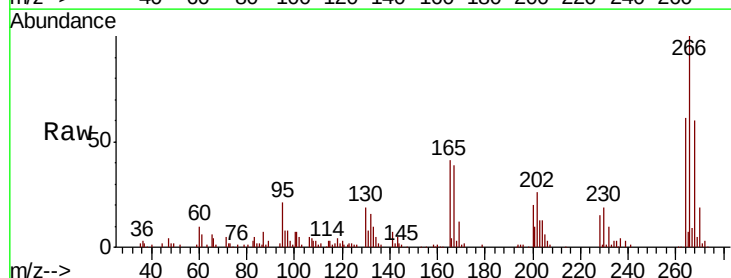
Tgt Ion:266 Resp: 83492

Ion Ratio Lower Upper

266 100

268 59.8 51.1 76.7

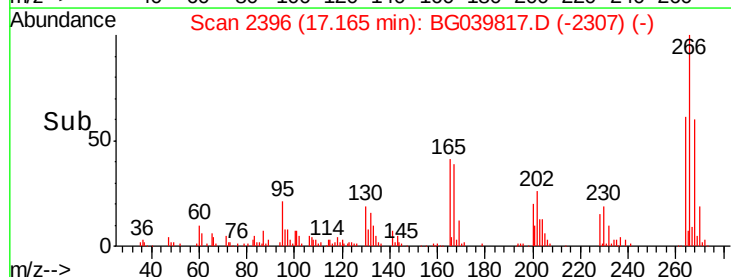
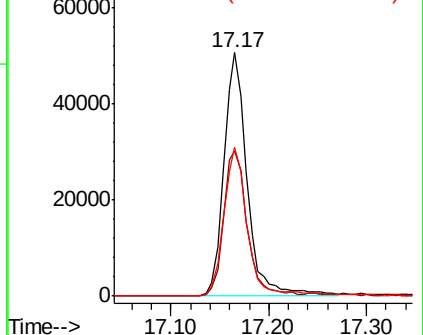
264 61.0 52.1 78.1

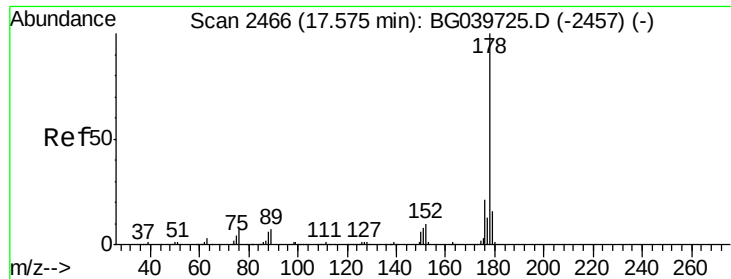


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

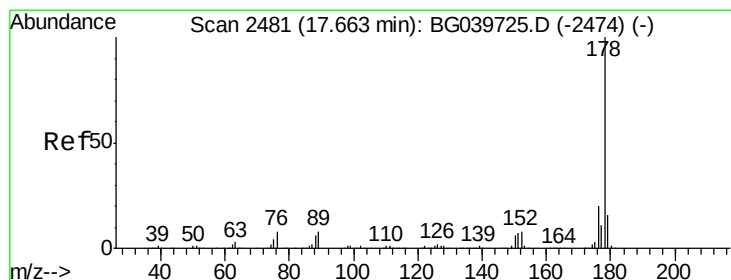
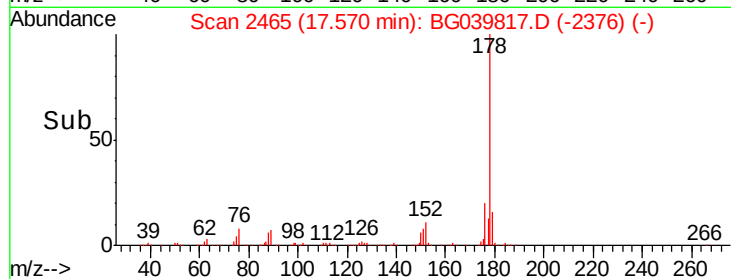
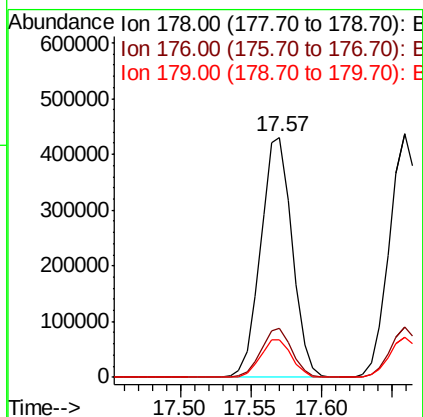
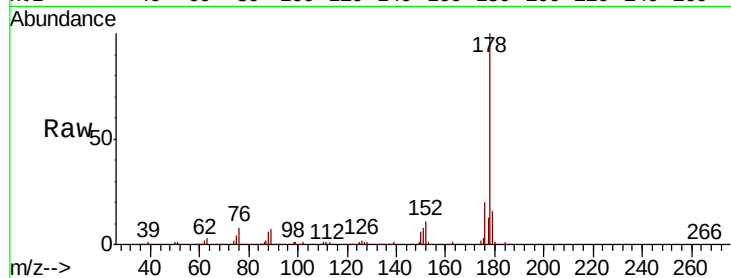




#71
 Phenanthrene
 Concen: 38.693 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

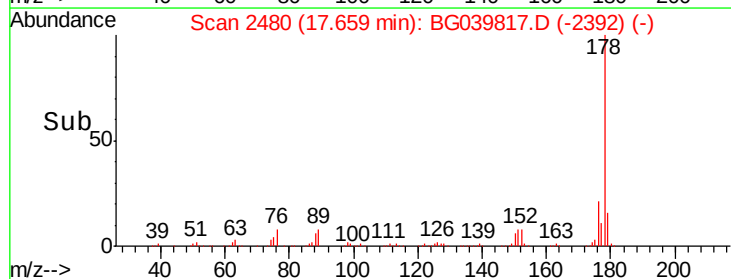
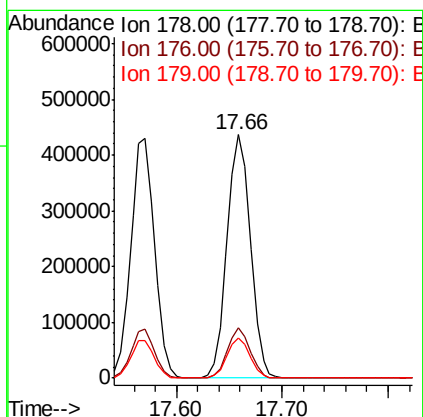
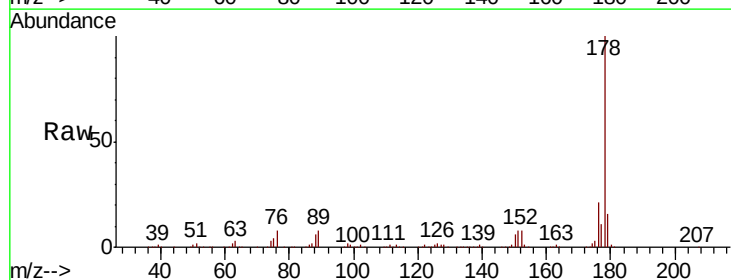
Instrument :
 BNA_G
 ClientSampleId :

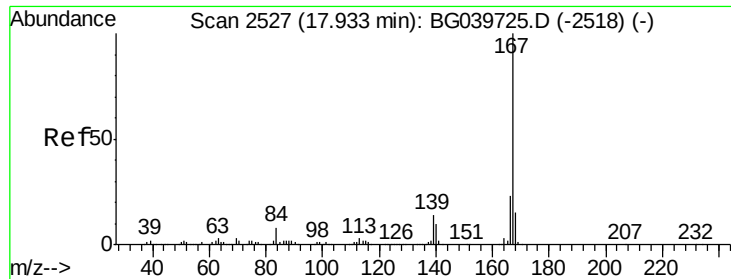
Tot Ion:178 Resp: 674624
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.7 12.6 19.0



#72
 Anthracene
 Concen: 39.285 ng
 RT: 17.66 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion:178 Resp: 667471
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.8 23.6
 179 16.3 12.5 18.7

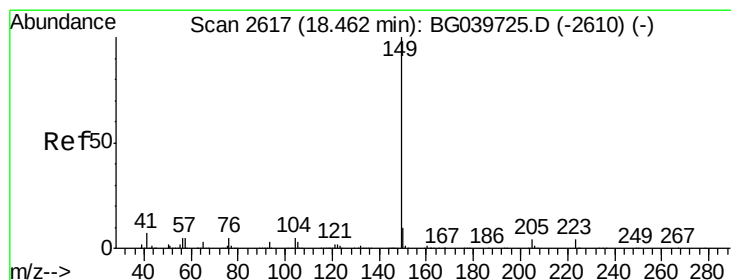
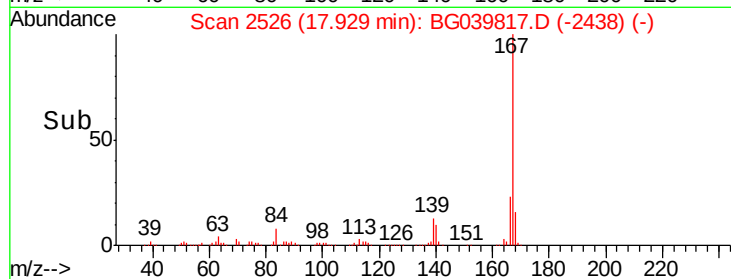
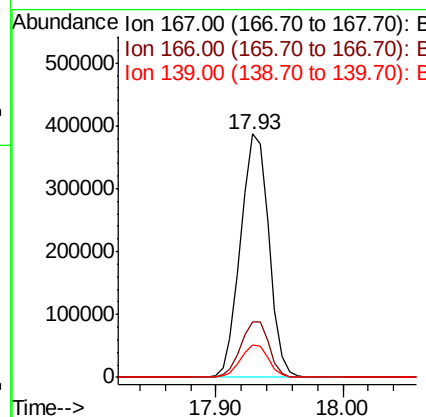
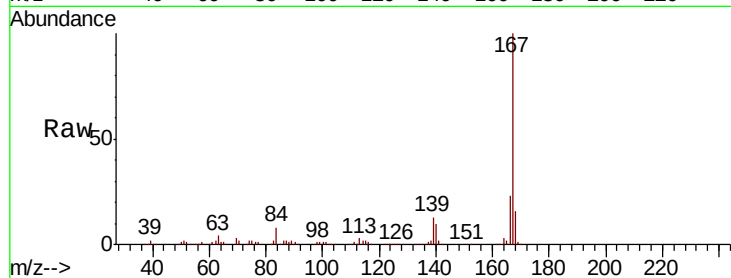




#73
 Carbazole
 Concen: 39.039 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

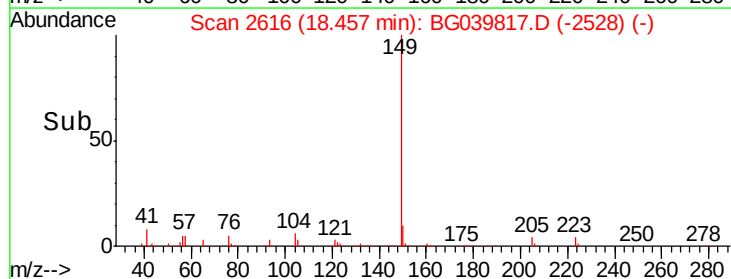
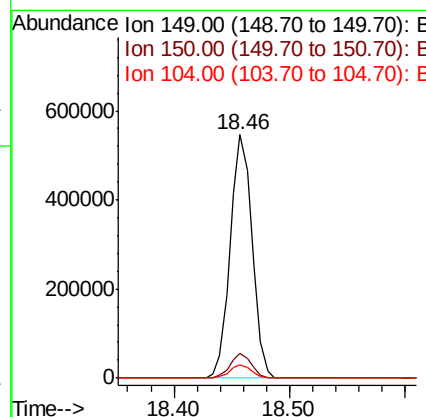
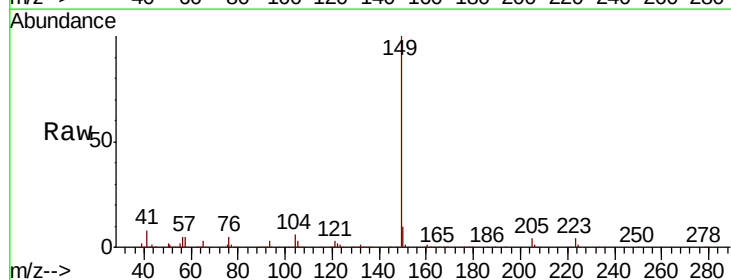
Instrument :
 BNA_G
 ClientSampled :

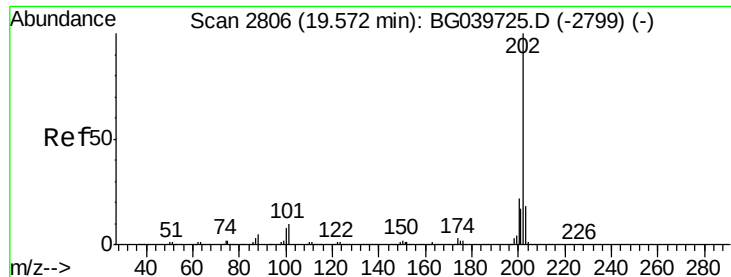
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	19.4	29.2
139	13.1	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 39.706 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039817.D
 Acq: 8 Mar 2019 12:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 37.995 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Instrument :

BNA_G

ClientSampleId :

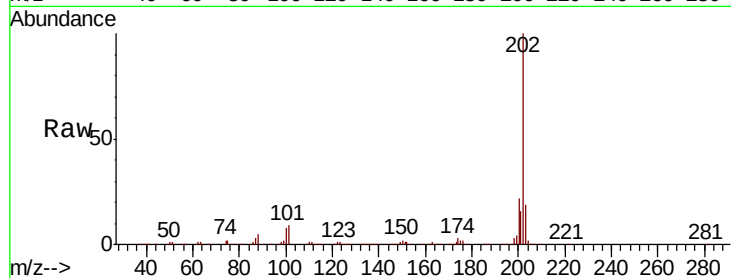
Tot Ion:202 Resp: 782902

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.0

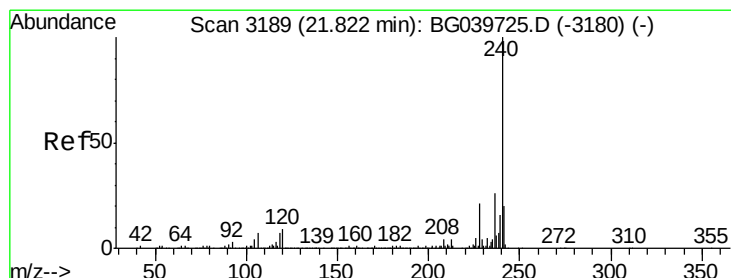
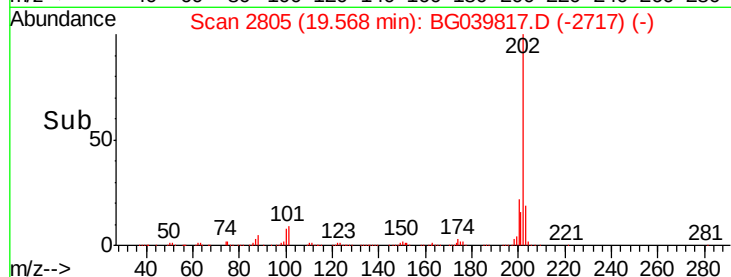
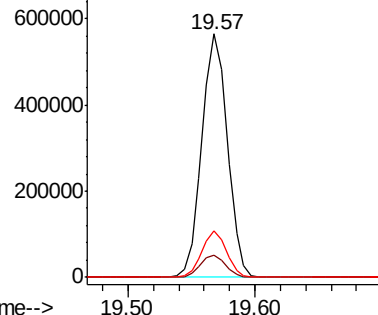
203 19.0 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

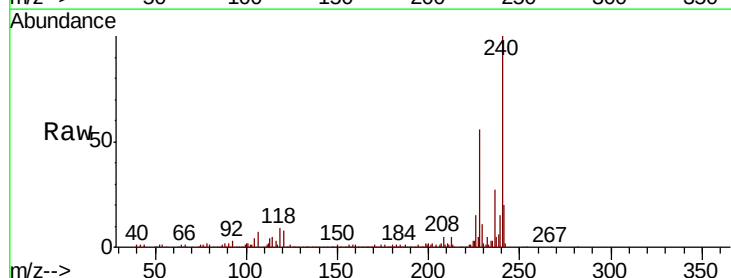
Tgt Ion:240 Resp: 307201

Ion Ratio Lower Upper

240 100

120 7.6 7.0 10.6

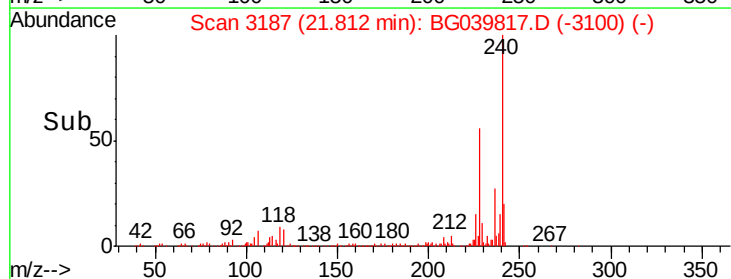
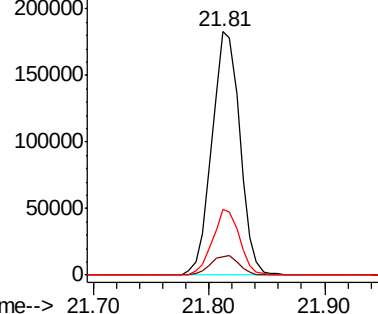
236 27.2 21.0 31.4

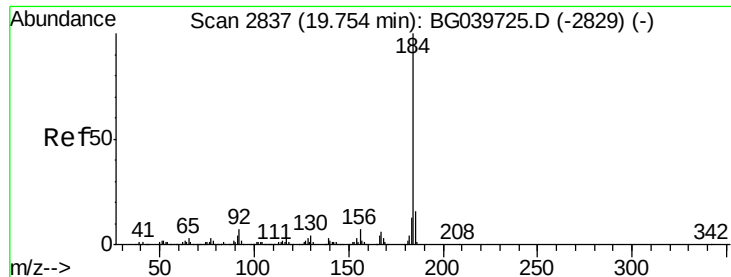


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.092 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

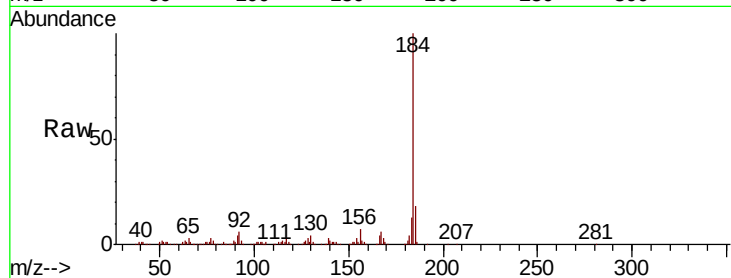
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 283599

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.2	18.2
183	13.0	10.6	15.8

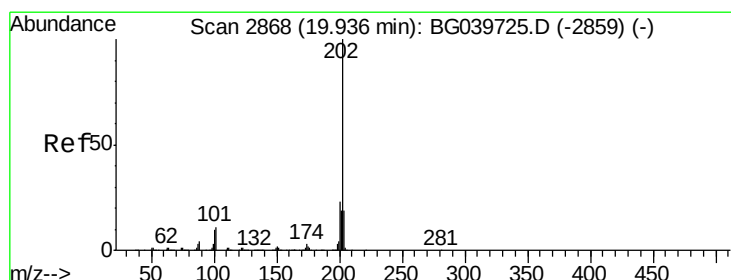
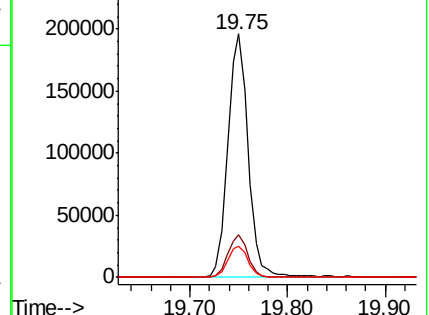
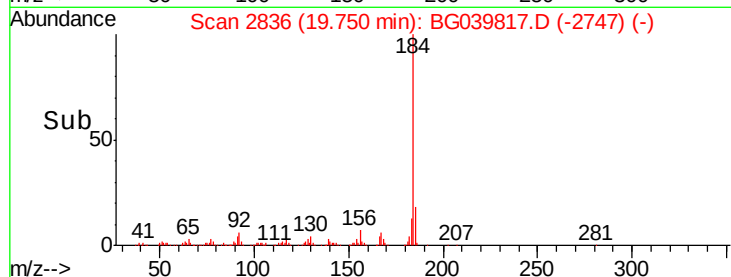


Abundance

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: 39.421 ng

RT: 19.93 min Scan# 2867

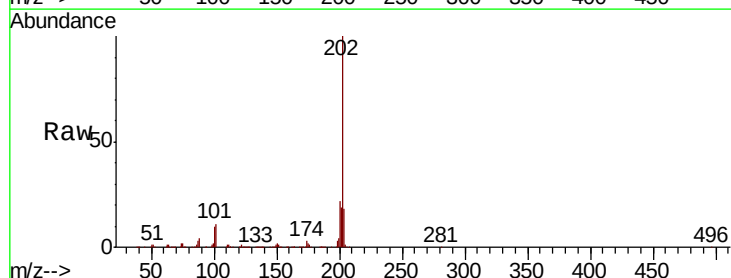
Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Tgt Ion:202 Resp: 786920

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.8
203	18.2	15.3	22.9

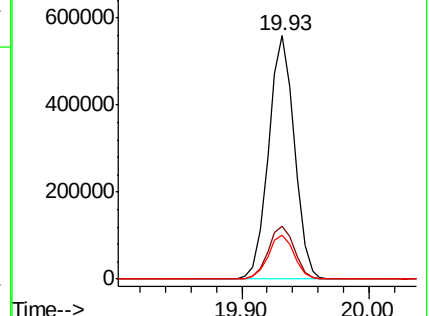
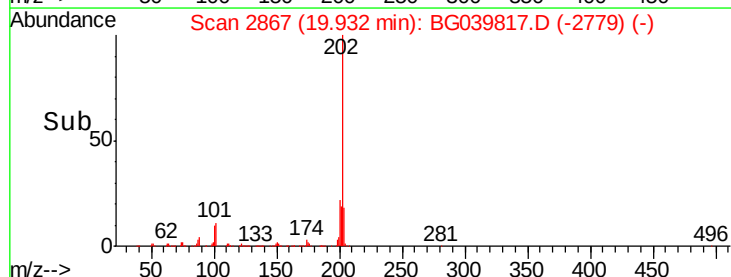


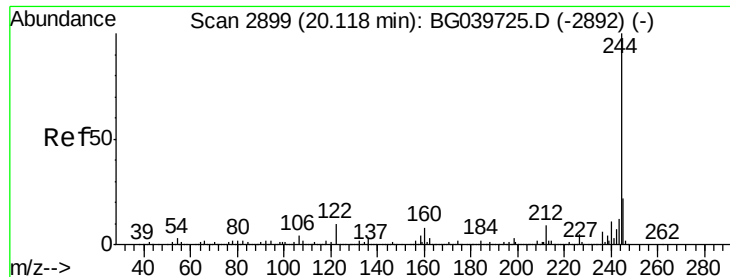
Abundance

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: 77.659 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Instrument :

BNA_G

ClientSampled :

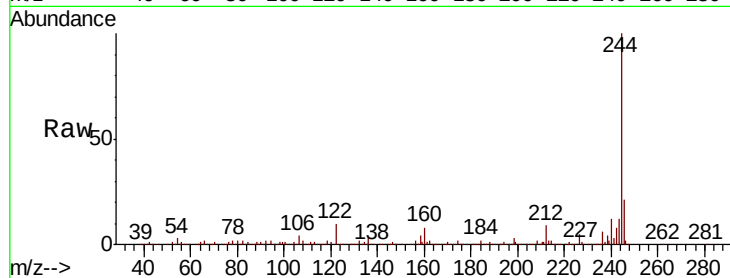
Tot Ion:244 Resp: 1083522

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

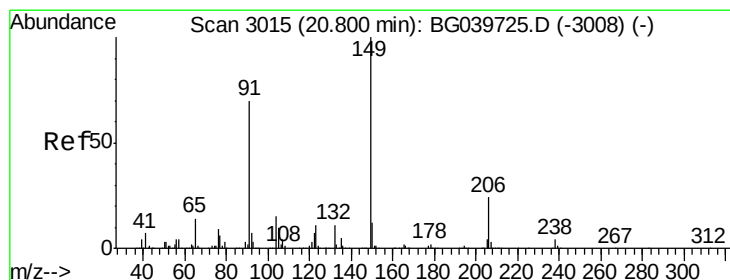
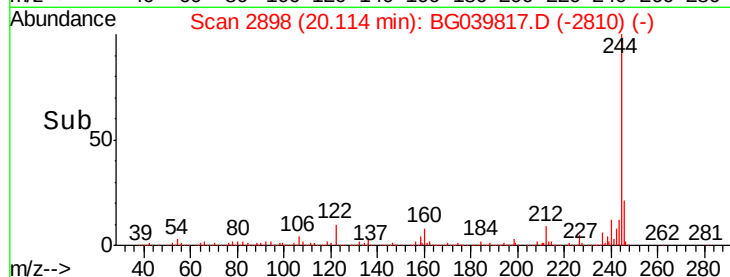
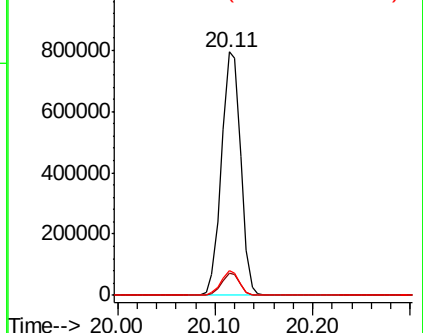
122 10.4 8.4 12.6



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: 41.451 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

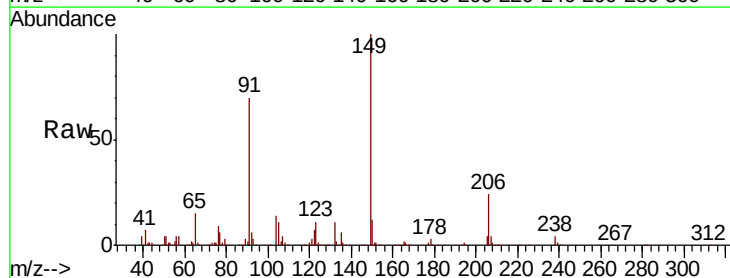
Tgt Ion:149 Resp: 320578

Ion Ratio Lower Upper

149 100

91 69.8 59.5 89.3

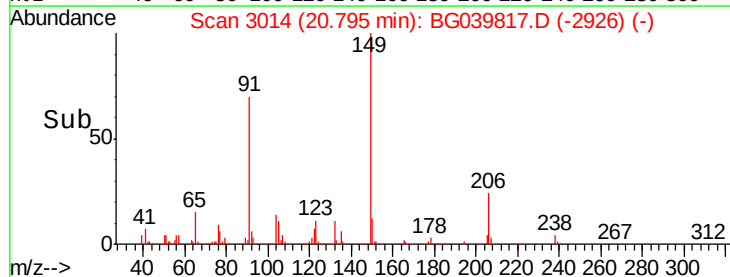
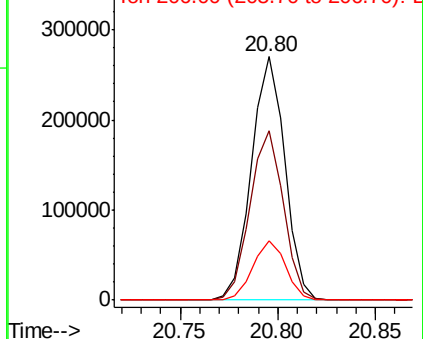
206 24.4 18.6 27.8

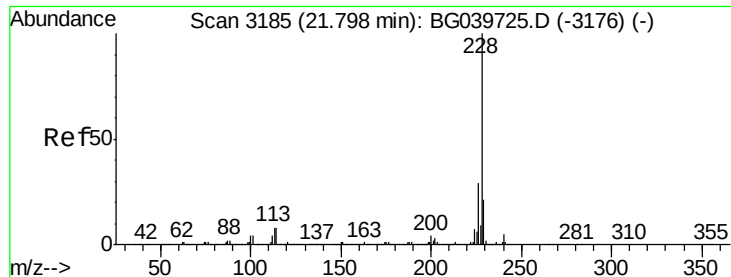


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.275 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

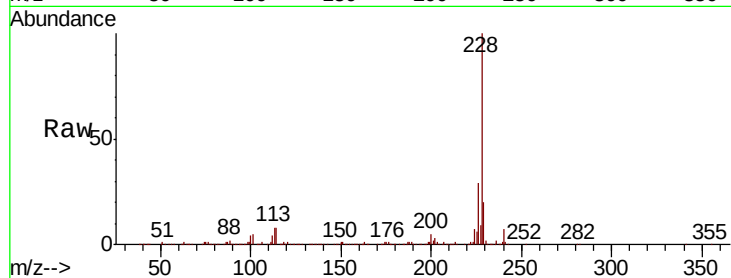
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 756168

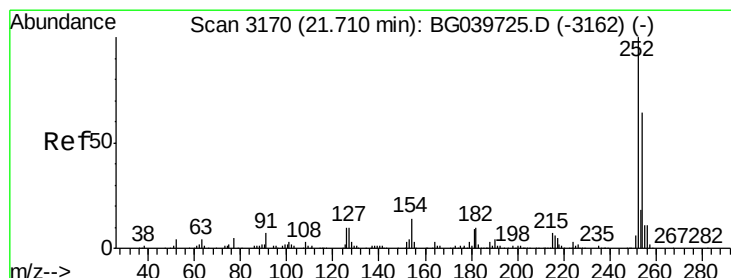
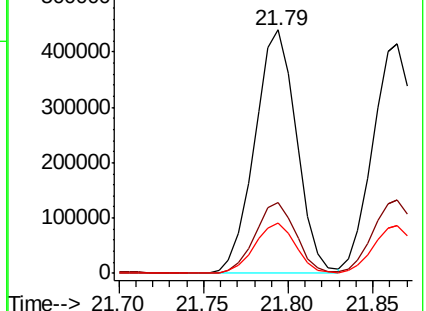
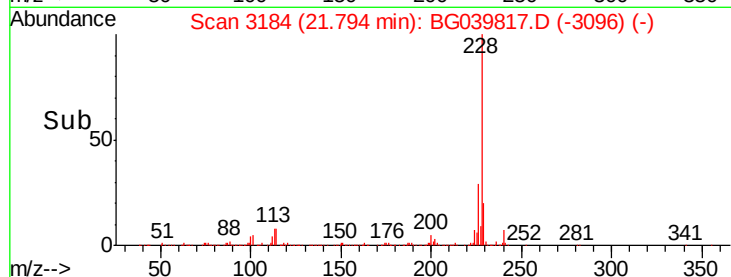
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	20.5	16.9	25.3



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: 38.366 ng

RT: 21.71 min Scan# 3169

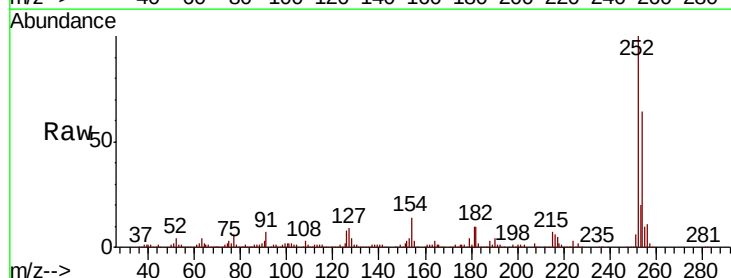
Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Tgt Ion:252 Resp: 269683

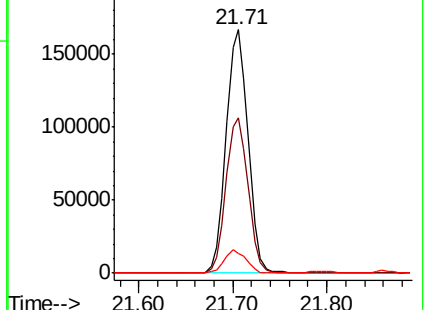
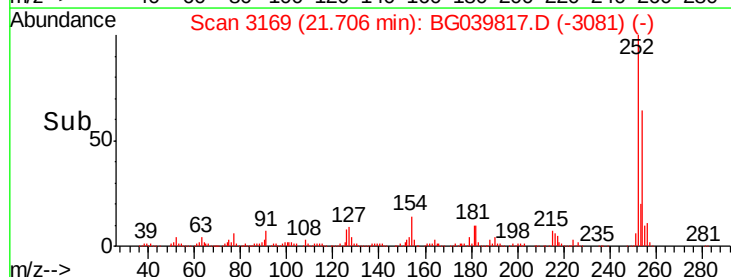
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	8.2	8.0	12.0

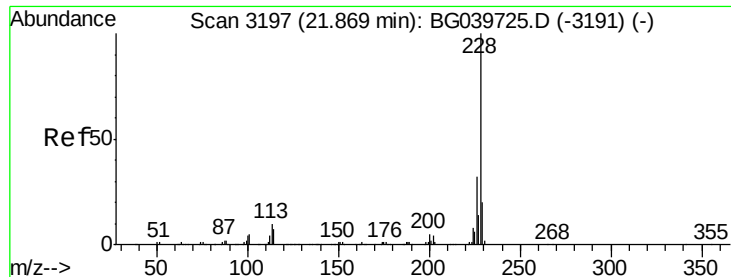


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.929 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

Instrument :

BNA_G

ClientSampleId :

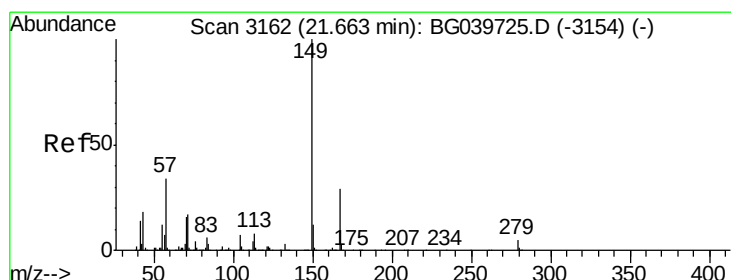
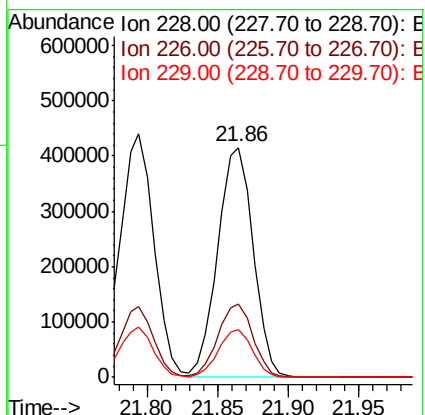
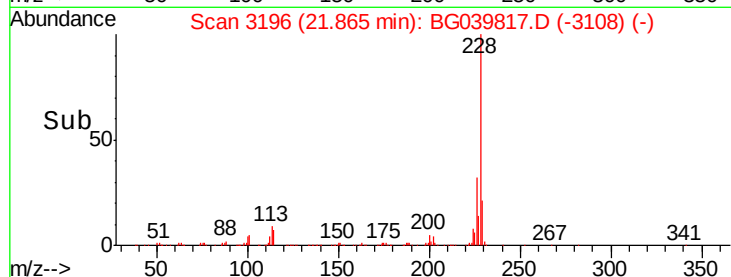
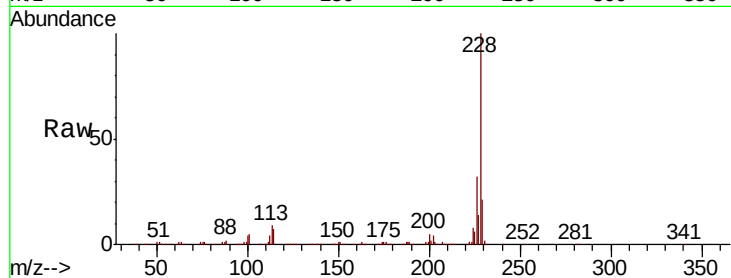
Tot Ion:228 Resp: 726627

Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.6

229 20.7 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.138 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039817.D

Acq: 8 Mar 2019 12:23

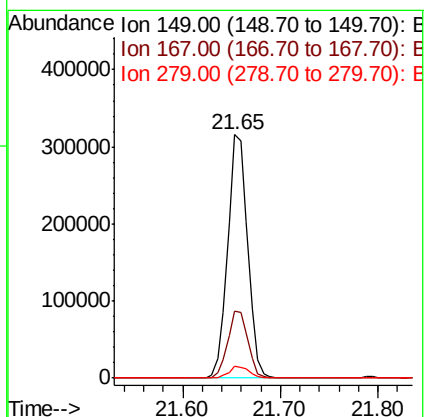
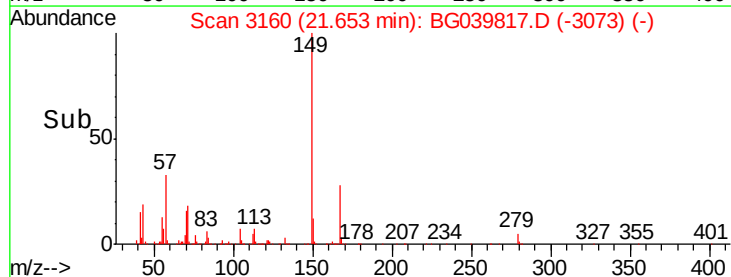
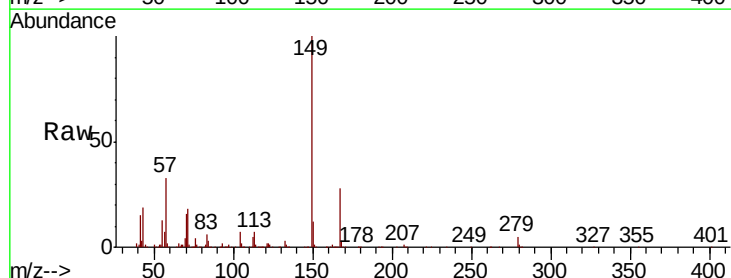
Tgt Ion:149 Resp: 447089

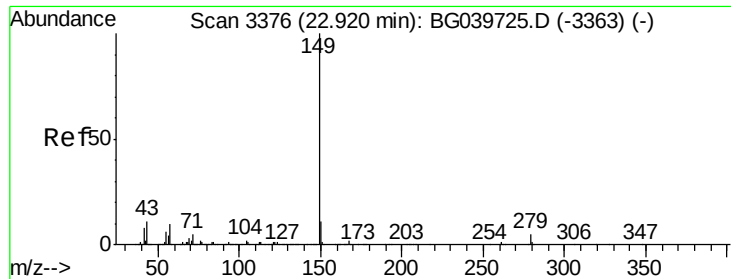
Ion Ratio Lower Upper

149 100

167 27.7 22.6 34.0

279 4.8 3.5 5.3

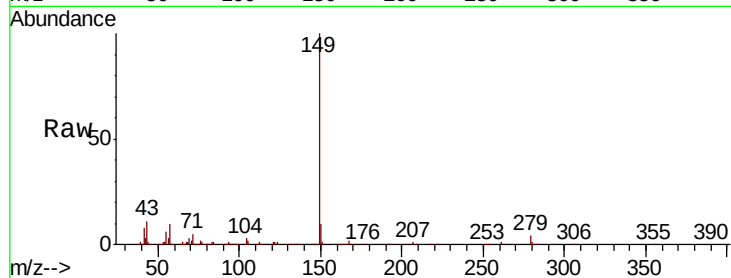




#85
Di-n-octyl phthalate
Concen: 42.452 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.7	10.2	15.4

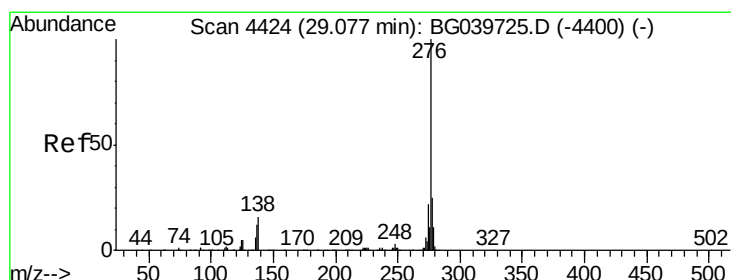
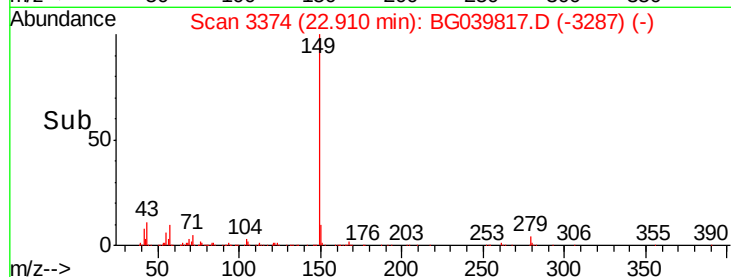
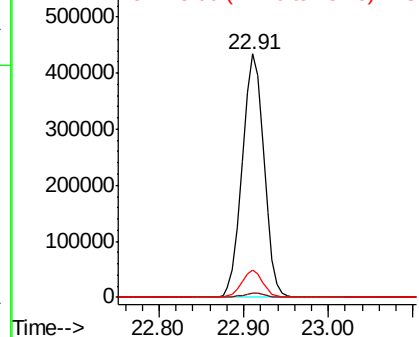


Abundance

Ion 149.00 (148.70 to 149.70): E

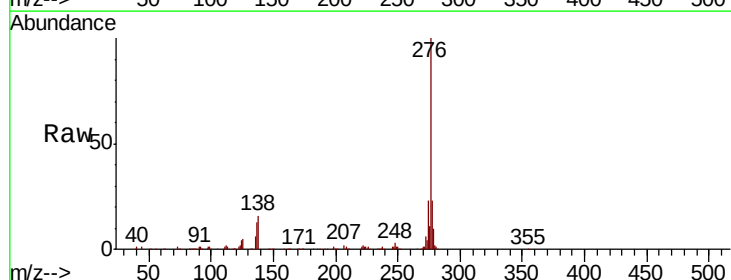
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.018 ng
RT: 29.05 min Scan# 4420
Delta R.T. -0.03 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.1	12.6	19.0
277	26.0	20.8	31.2

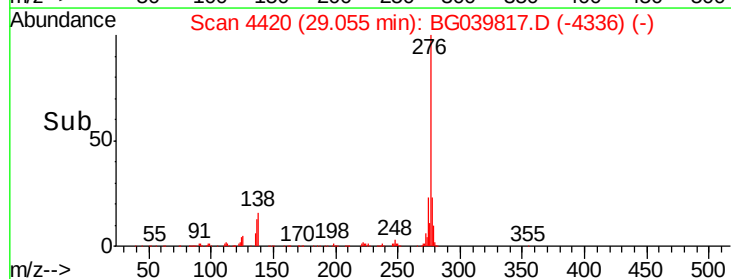
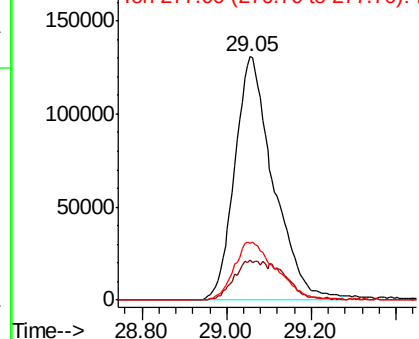


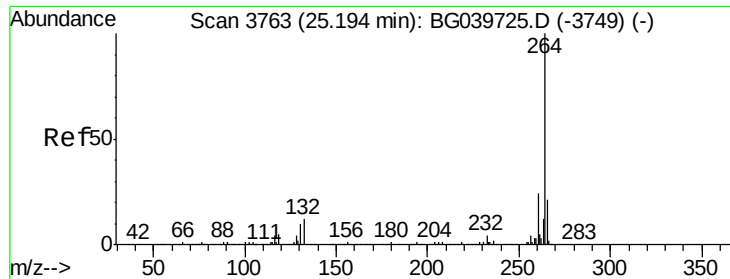
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

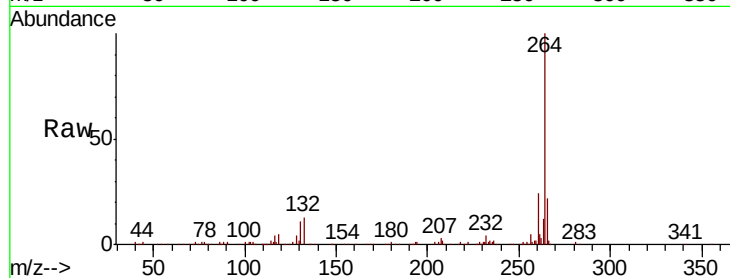




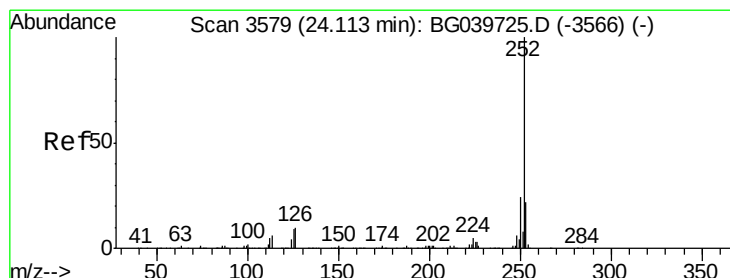
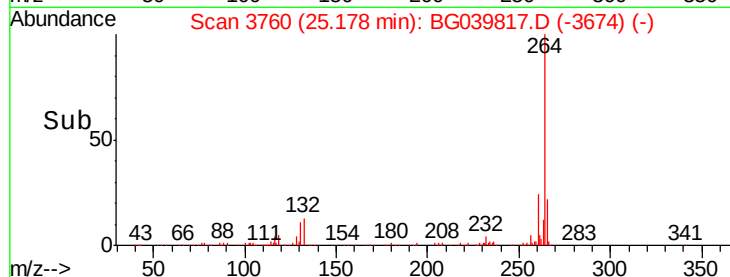
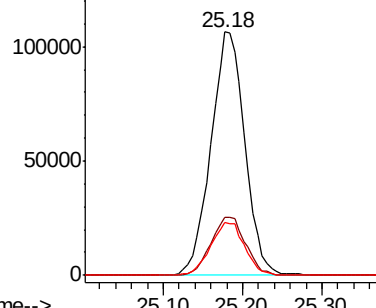
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 316384
Ion Ratio Lower Upper
264 100
260 24.0 18.2 27.4
265 21.7 18.5 27.7

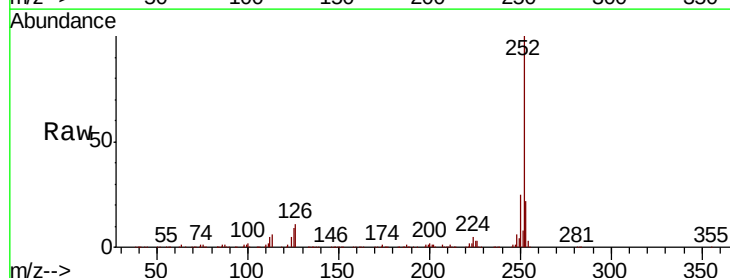


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

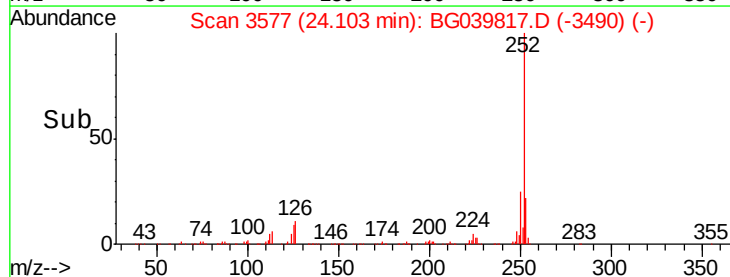
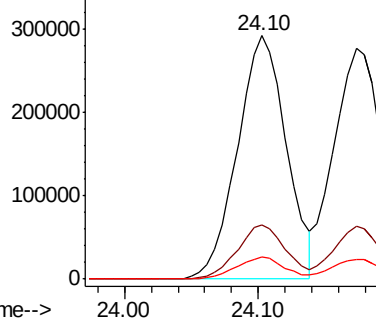


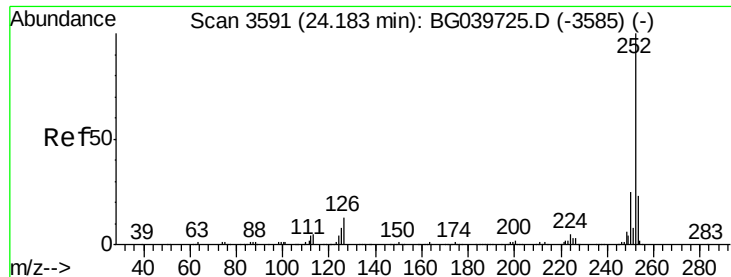
#88
Benzo(b)fluoranthene
Concen: 39.405 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:252 Resp: 743439
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.2 7.8 11.6



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

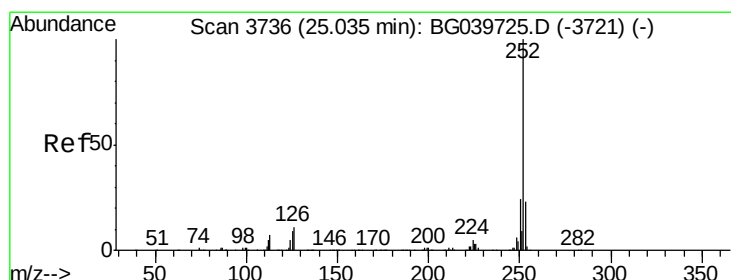
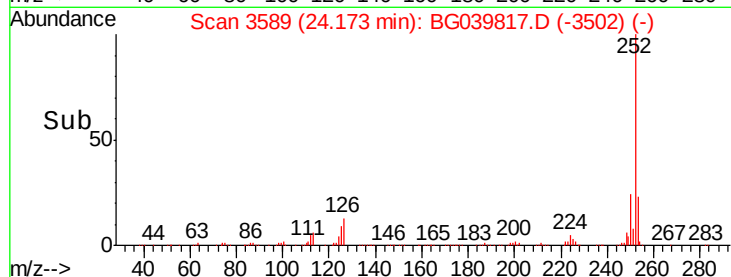
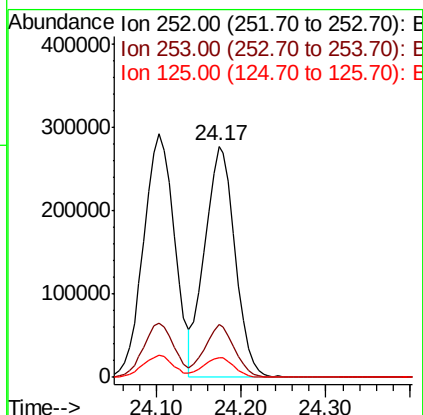
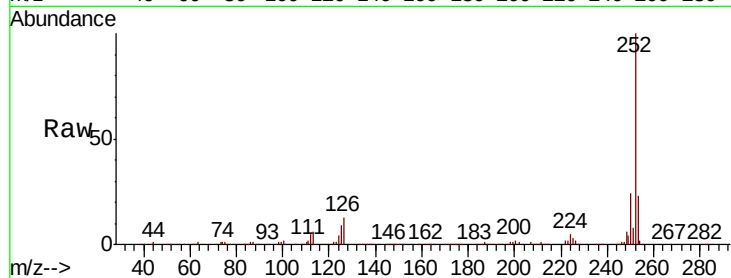




#89
Benzo(k)fluoranthene
Concen: 39.428 ng
RT: 24.17 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

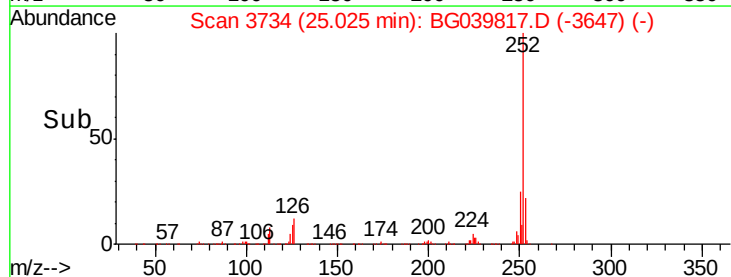
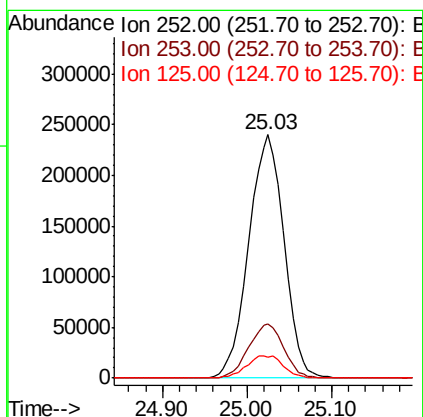
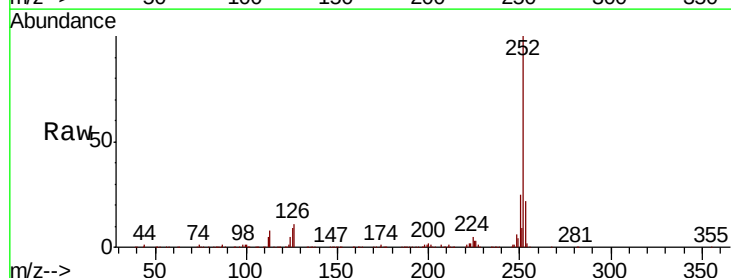
Instrument :
BNA_G
ClientSampleId :

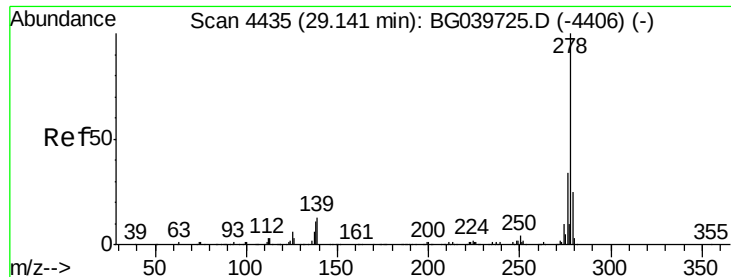
Tot Ion:252 Resp: 692438
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 8.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.055 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:252 Resp: 698311
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.6 8.3 12.5

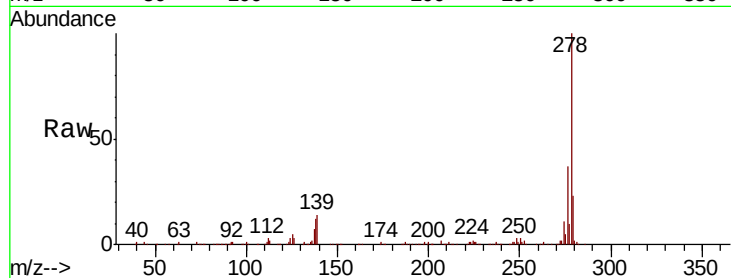




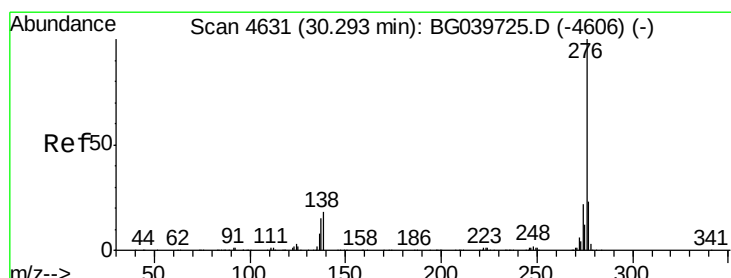
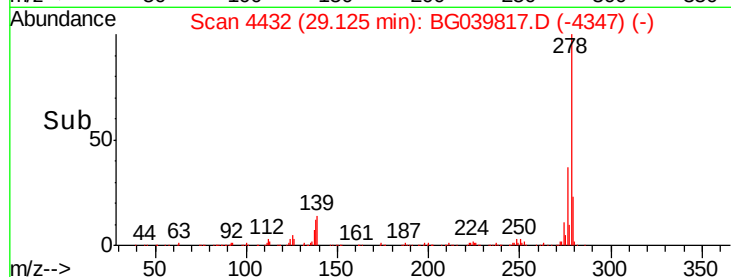
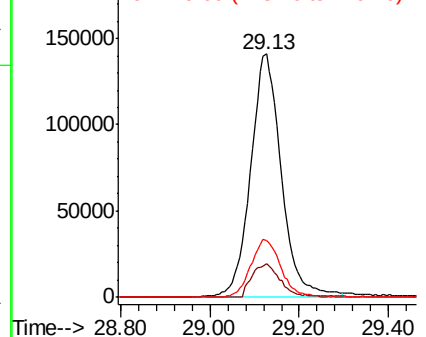
#91
Dibenzo(a,h)anthracene
Concen: 39.086 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 668030
Ion Ratio Lower Upper
278 100
139 13.8 11.7 17.5
279 23.5 19.1 28.7

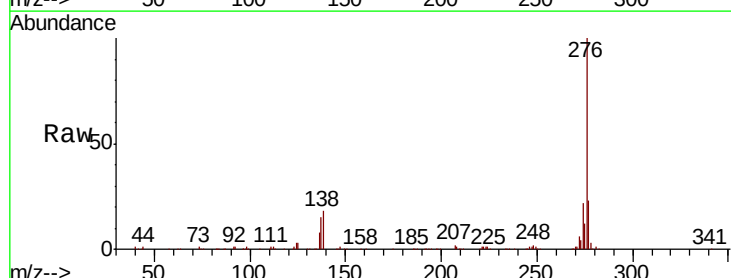


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.199 ng
RT: 30.29 min Scan# 4631
Delta R.T. -0.02 min
Lab File: BG039817.D
Acq: 8 Mar 2019 12:23

Tgt Ion:276 Resp: 655704
Ion Ratio Lower Upper
276 100
277 23.2 19.6 29.4
138 17.9 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

