

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039695.D
 Acq On : 1 Mar 2019 20:20
 Operator : JU/SJ
 Sample : PB117532BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117532BS

Quant Time: Mar 02 03:13:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59353	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	275485	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	185082	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	384560	20.00	ng	0.00
76) Chrysene-d12	21.82	240	362191	20.00	ng	0.00
87) Perylene-d12	25.20	264	371517	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	512488	147.78	ng	0.00
7) Phenol-d6	7.31	99	743233	145.60	ng	0.00
23) Nitrobenzene-d5	9.35	82	436707	99.03	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	256164	128.53	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1054417	81.73	ng	0.00
79) Terphenyl-d14	20.13	244	1306573	76.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	49204	32.436	ng	92
3) Pyridine	4.00	79	141442	35.217	ng	97
4) n-Nitrosodimethylamine	3.92	42	81719	40.685	ng	88
6) Aniline	7.49	93	146170	22.861	ng	97
8) 2-Chlorophenol	7.72	128	182647	48.183	ng	98
9) Benzaldehyde	7.31	77	78199	28.102	ng	98
10) Phenol	7.34	94	251948	47.348	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	169565	40.327	ng	97
12) 1,3-Dichlorobenzene	8.05	146	181650	39.557	ng	99
13) 1,4-Dichlorobenzene	8.20	146	185977	40.632	ng	97
14) 1,2-Dichlorobenzene	8.52	146	178838	40.361	ng	99
15) Benzyl Alcohol	8.40	79	181280	45.235	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	332440	35.011	ng	98
17) 2-Methylphenol	8.60	107	166714	48.414	ng	96
18) Hexachloroethane	9.25	117	63114	40.080	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	147899	40.822	ng	94
20) 3+4-Methylphenols	8.93	107	230471	48.603	ng	99
22) Acetophenone	8.99	105	277205	37.460	ng	# 95
24) Nitrobenzene	9.39	77	216662	45.479	ng	96
25) Isophorone	9.90	82	421827	43.167	ng	99
26) 2-Nitrophenol	10.09	139	108843	55.496	ng	97
27) 2,4-Dimethylphenol	10.14	122	191587	48.466	ng	95
28) bis(2-Chloroethoxy)methane	10.38	93	256097	42.548	ng	97
29) 2,4-Dichlorophenol	10.63	162	207615	48.055	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	199307	41.090	ng	99
31) Naphthalene	11.04	128	578176	42.306	ng	99
32) Benzoic acid	10.26	122	82496	34.901	ng	99
33) 4-Chloroaniline	11.15	127	69961	11.040	ng	95
34) Hexachlorobutadiene	11.30	225	130221	40.369	ng	96
35) Caprolactam	11.94	113	66838	37.386	ng	90
36) 4-Chloro-3-methylphenol	12.25	107	220186	44.068	ng	97
37) 2-Methylnaphthalene	12.63	142	442683	43.734	ng	99
38) 1-Methylnaphthalene	12.85	142	426394	43.700	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	243835	41.407	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	318472	99.247	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	170809	47.175	ng	97
44) 2,4,5-Trichlorophenol	13.30	196	178060	46.922	ng	99
46) 1,1'-Biphenyl	13.62	154	590454	38.343	ng	98
47) 2-Chloronaphthalene	13.68	162	462674	39.939	ng	99
48) 2-Nitroaniline	13.88	65	154377	46.668	ng	97
49) Acenaphthylene	14.52	152	732113	41.883	ng	98
50) Dimethylphthalate	14.24	163	603170	40.351	ng	100
51) 2,6-Dinitrotoluene	14.37	165	133972	47.961	ng	98
52) Acenaphthene	14.86	154	441720	38.929	ng	98
53) 3-Nitroaniline	14.70	138	58794	22.943	ng	99
54) 2,4-Dinitrophenol	14.90	184	61017	57.416	ng	97
55) Dibenzofuran	15.19	168	716632	39.391	ng	98
56) 4-Nitrophenol	15.00	139	182883	68.560	ng	91
57) 2,4-Dinitrotoluene	15.15	165	178661	49.611	ng	# 86
58) Fluorene	15.83	166	552484	40.738	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	163338	45.970	ng	98
60) Diethylphthalate	15.58	149	583039	37.725	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	299979	39.064	ng	99
62) 4-Nitroaniline	15.87	138	123114	40.040	ng	94
63) Azobenzene	16.11	77	524219	34.703	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	72014	47.669	ng	95
66) n-Nitrosodiphenylamine	16.04	169	495764	42.398	ng	100
67) 4-Bromophenyl-phenylether	16.71	248	188136	44.099	ng	95
68) Hexachlorobenzene	16.82	284	188509	44.041	ng	98
69) Atrazine	16.97	200	164848	38.578	ng	96
70) Pentachlorophenol	17.17	266	212734	71.509	ng	96
71) Phenanthrene	17.58	178	823873	41.393	ng	99
72) Anthracene	17.67	178	844320	43.066	ng	100
73) Carbazole	17.94	167	702372	35.898	ng	99
74) Di-n-butylphthalate	18.46	149	838051	36.715	ng	99
75) Fluoranthene	19.57	202	930325	40.270	ng	100
77) Benzidine	19.76	184	179526	15.118	ng	99
78) Pyrene	19.94	202	935362	41.484	ng	99
80) Butylbenzylphthalate	20.80	149	400776	42.137	ng	96
81) Benzo(a)anthracene	21.80	228	926288	43.281	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	160929	20.279	ng	98
83) Chrysene	21.87	228	861044	42.264	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	560305	41.292	ng	100
85) Di-n-octyl phthalate	22.92	149	952774	42.501	ng	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1021451	46.730	ng	98
88) Benzo(b)fluoranthene	24.11	252	899987	44.420	ng	98
89) Benzo(k)fluoranthene	24.19	252	881191	43.320	ng	98
90) Benzo(a)pyrene	25.04	252	880772	45.138	ng	98
91) Dibenzo(a,h)anthracene	29.15	278	831591	45.508	ng	99
92) Benzo(g,h,i)perylene	30.31	276	828544	45.490	ng	97

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

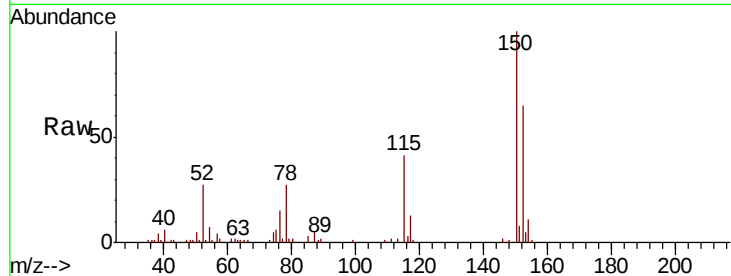


#1

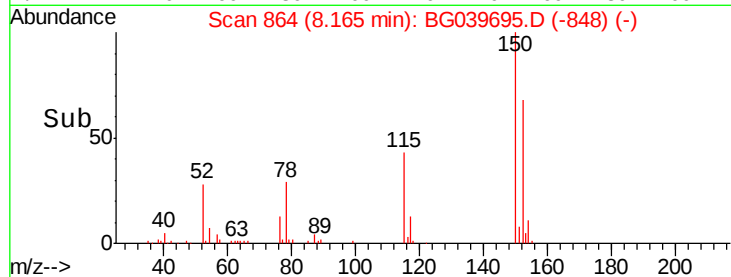
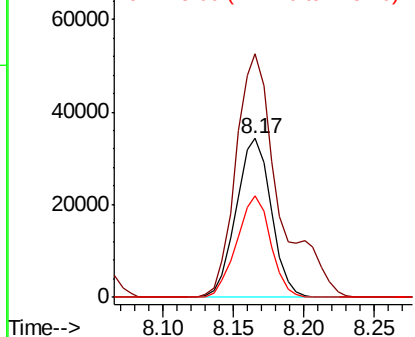
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:152 Resp: 59353
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 63.5 45.9 68.9



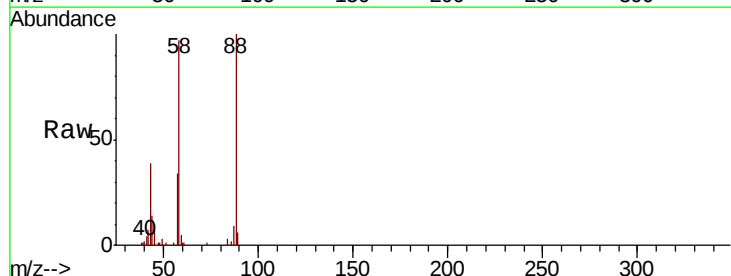
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



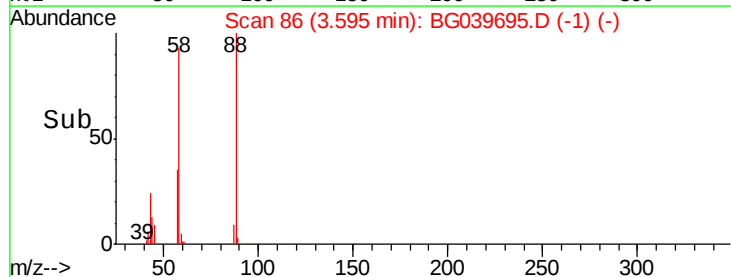
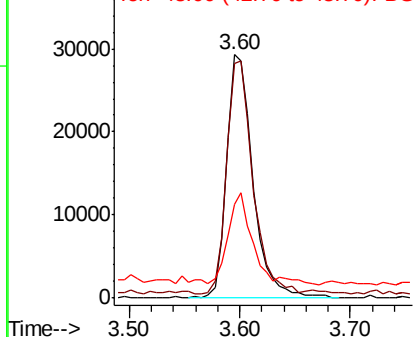
#2

1,4-Dioxane
Concen: 32.436 ng
RT: 3.60 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion: 88 Resp: 49204
Ion Ratio Lower Upper
88 100
58 94.4 81.1 121.7
43 32.5 31.4 47.0



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





#3

Pvridine

Concen: 35.217 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

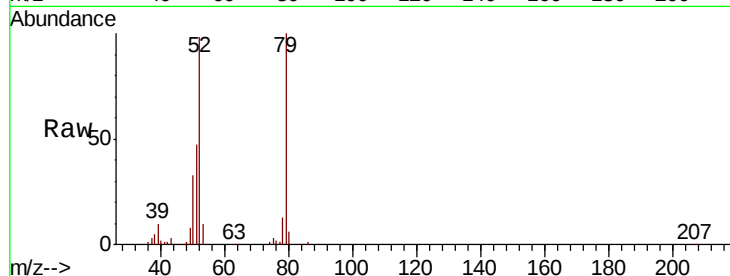
Tot Ion: 79 Resp: 141442

Ion Ratio Lower Upper

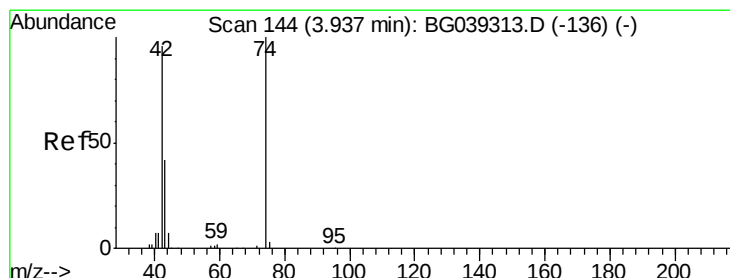
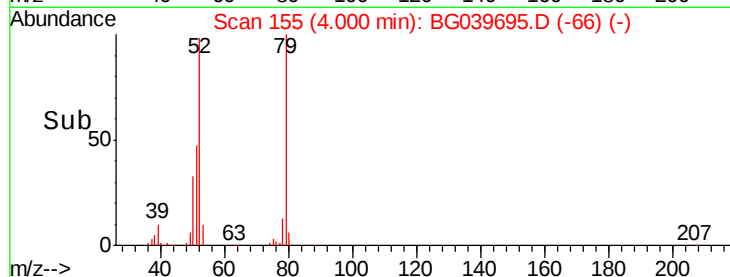
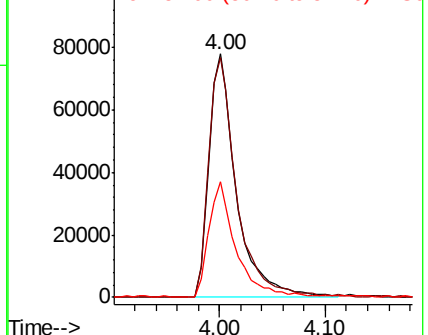
79 100

52 98.5 82.6 124.0

51 47.3 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 40.685 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

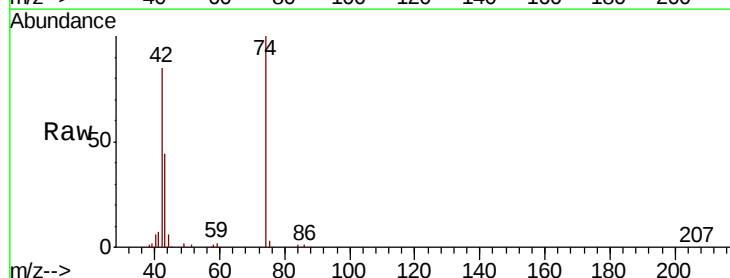
Tgt Ion: 42 Resp: 81719

Ion Ratio Lower Upper

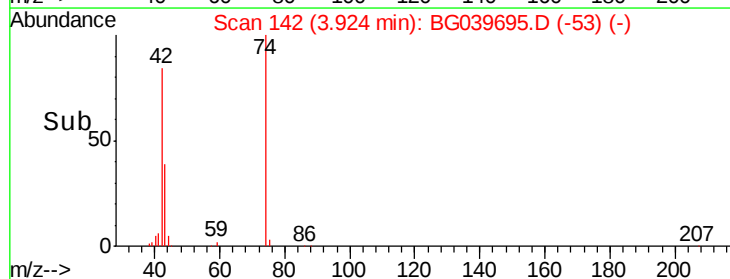
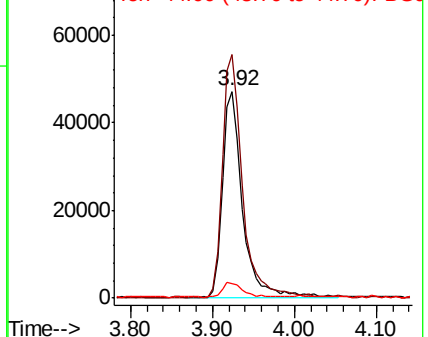
42 100

74 117.6 83.6 125.4

44 6.9 6.9 10.3



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





#5

2-Fluorophenol

Concen: 147.782 ng

RT: 5.71 min Scan# 446

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

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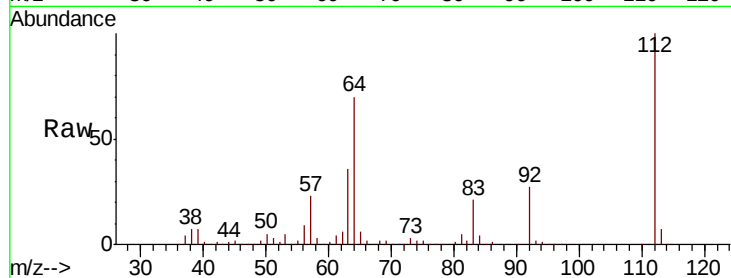
Tot Ion:112 Resp: 512488

Ion Ratio Lower Upper

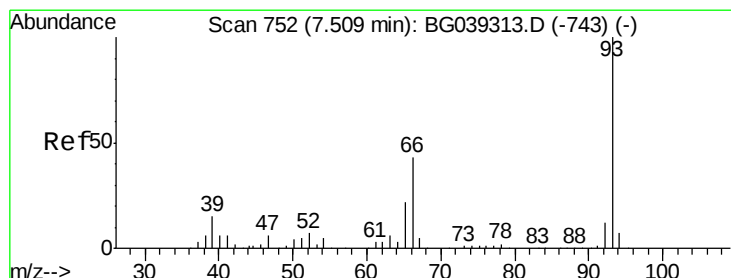
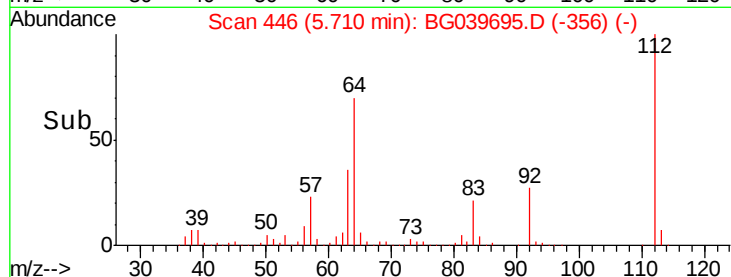
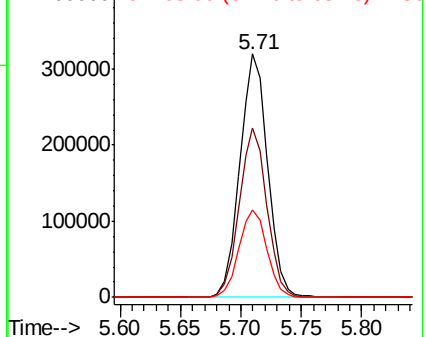
112 100

64 69.5 57.8 86.8

63 36.0 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: 22.861 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

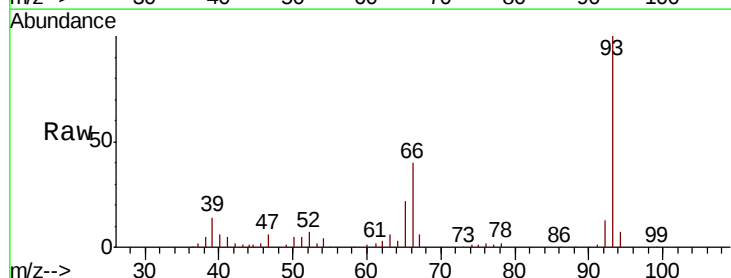
Tgt Ion: 93 Resp: 146170

Ion Ratio Lower Upper

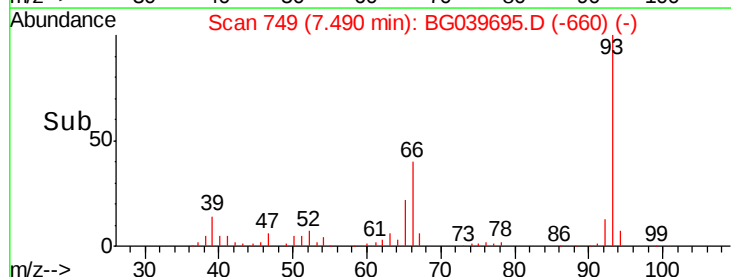
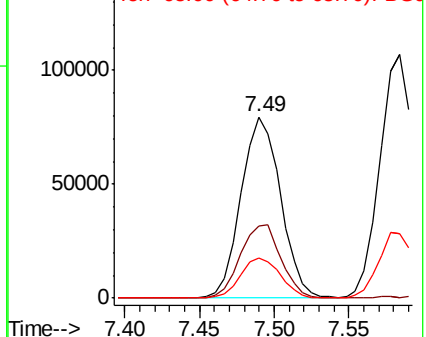
93 100

66 39.8 34.2 51.4

65 21.9 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: 145.600 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

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ClientSampleId :

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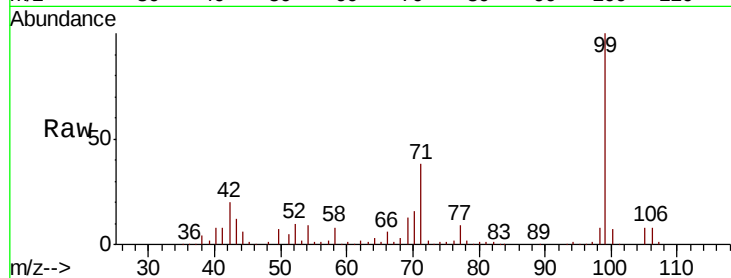
Tot Ion: 99 Resp: 743233

Ion Ratio Lower Upper

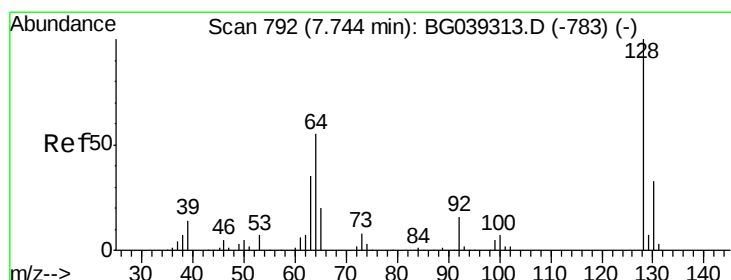
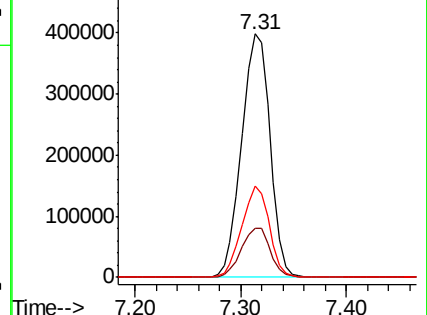
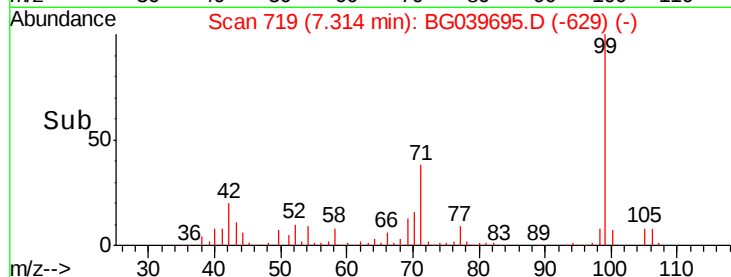
99 100

42 20.3 18.2 27.2

71 37.5 28.0 42.0



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



#8

2-Chlorophenol

Concen: 48.183 ng

RT: 7.72 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

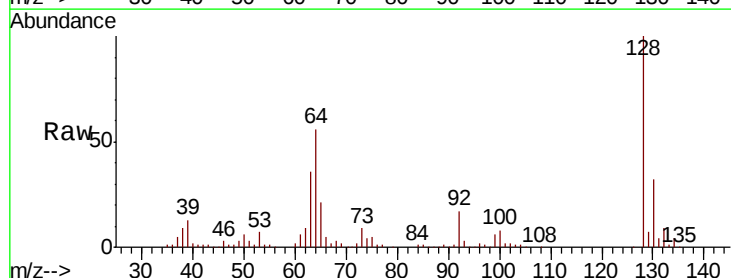
Tgt Ion: 128 Resp: 182647

Ion Ratio Lower Upper

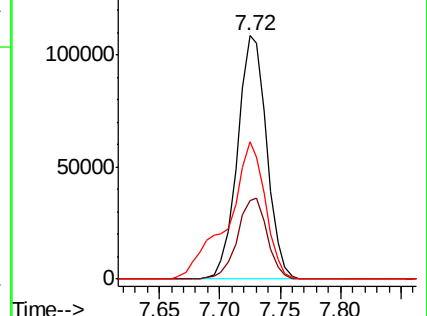
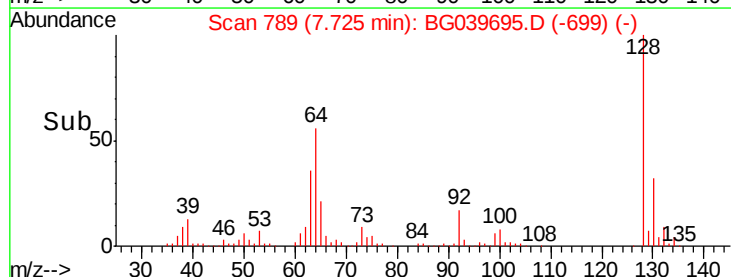
128 100

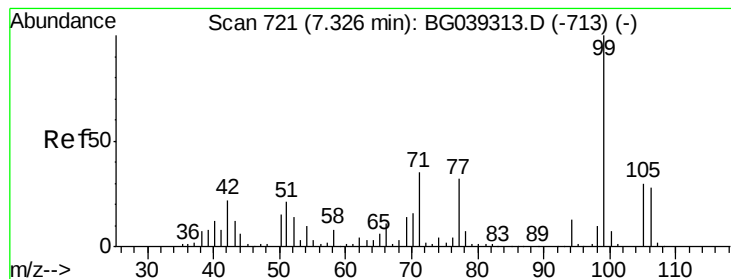
130 32.2 12.9 52.9

64 56.5 38.7 78.7



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





#9

Benzaldehyde

Concen: 28.102 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG039695.D

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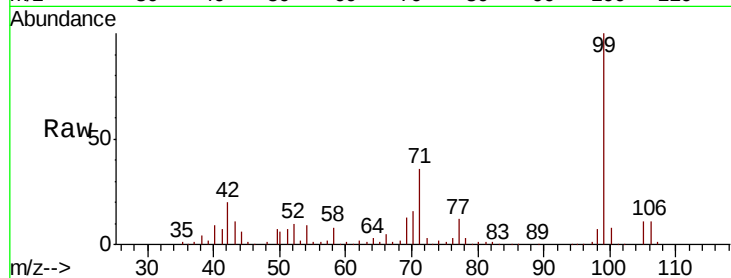
Tot Ion: 77 Resp: 78199

Ion Ratio Lower Upper

77 100

105 92.7 74.5 114.5

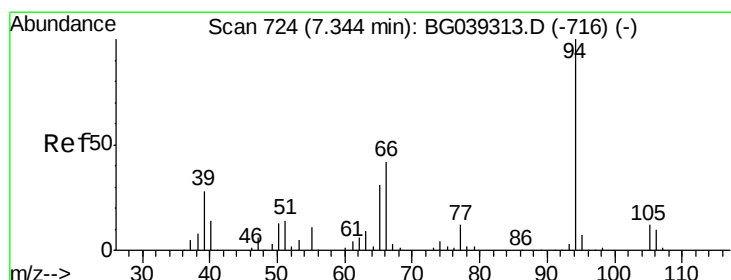
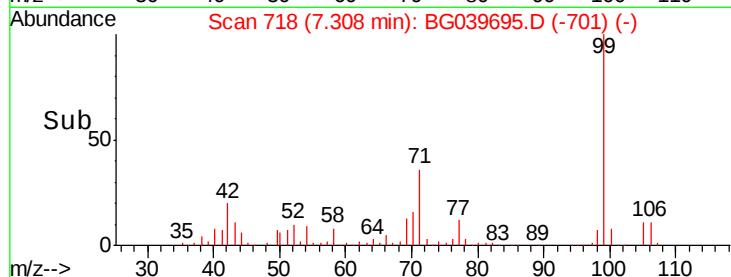
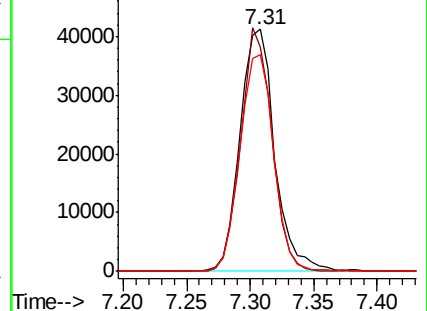
106 89.7 68.0 108.0



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: 47.348 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

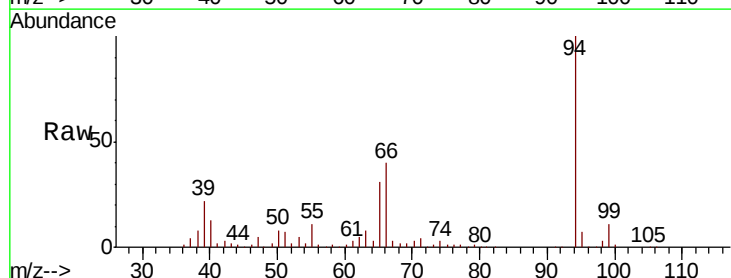
Tgt Ion: 94 Resp: 251948

Ion Ratio Lower Upper

94 100

65 30.8 11.7 51.7

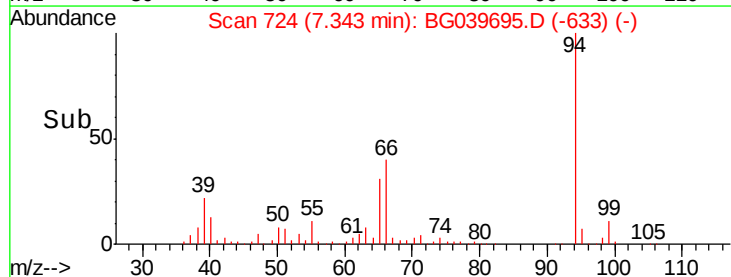
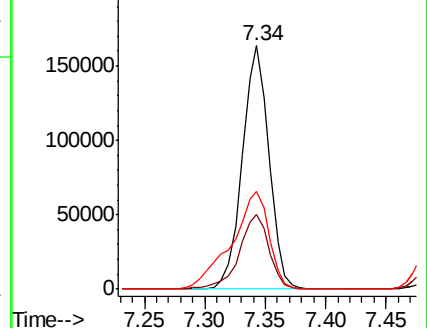
66 40.1 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

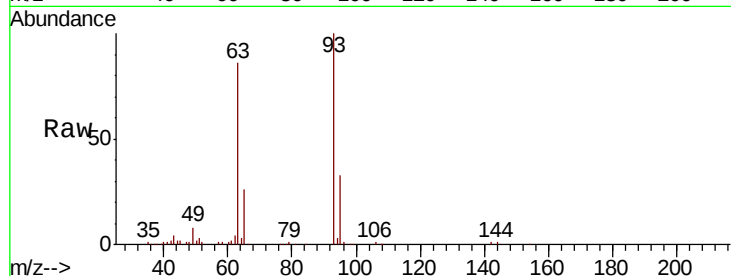




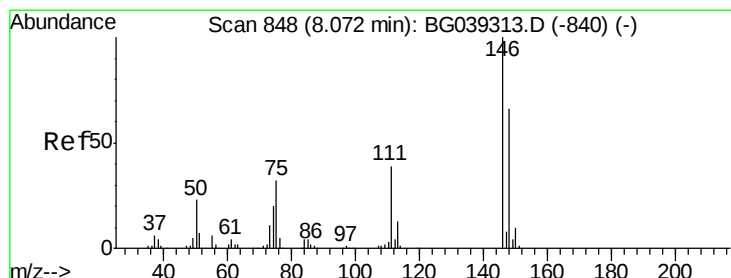
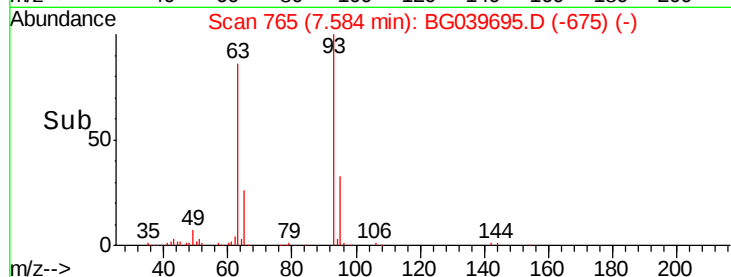
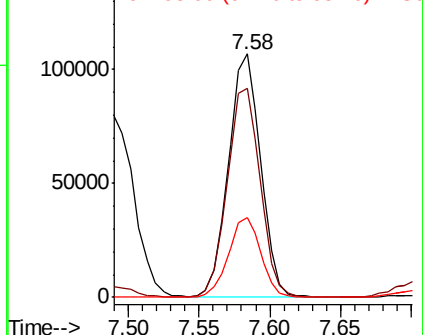
#11
bis(2-Chloroethyl)ether
Concen: 40.327 ng
RT: 7.58 min Scan# 765
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion: 93 Resp: 169565
Ion Ratio Lower Upper
93 100
63 86.0 69.5 109.5
95 32.8 12.7 52.7

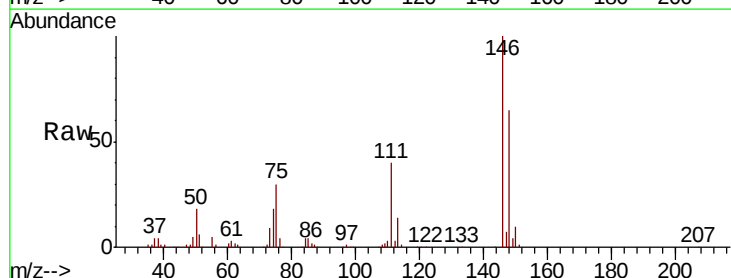


Abundance Ion 93.00 (92.70 to 93.70): BG0
Ion 63.00 (62.70 to 63.70): BG0
Ion 95.00 (94.70 to 95.70): BG0

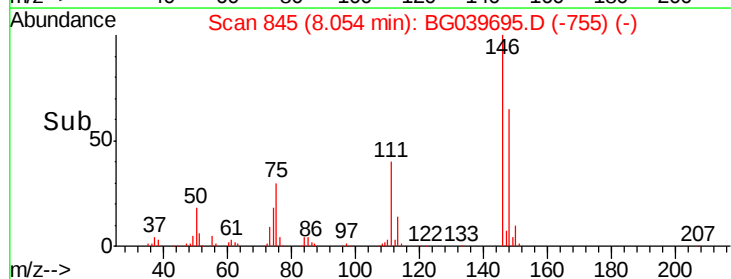
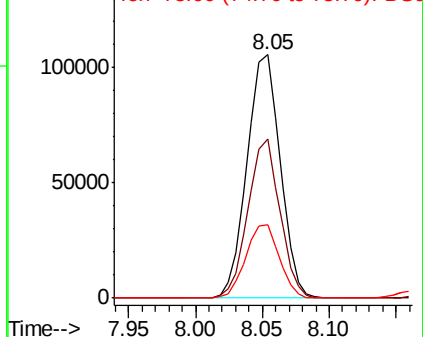


#12
1,3-Dichlorobenzene
Concen: 39.557 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion: 146 Resp: 181650
Ion Ratio Lower Upper
146 100
148 65.4 52.6 79.0
75 30.3 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BG0





#13

1,4-Dichlorobenzene

Concen: 40.632 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampled :

PB117532BS

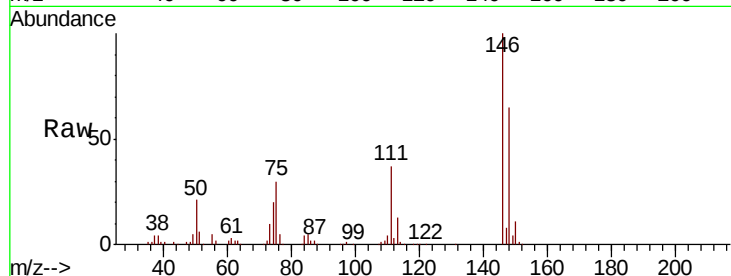
Tot Ion:146 Resp: 185977

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

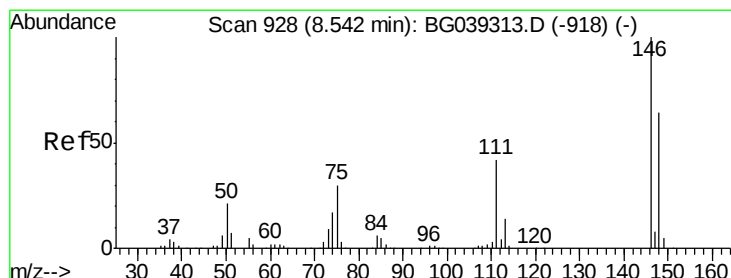
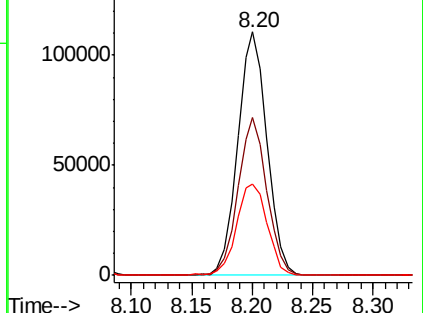
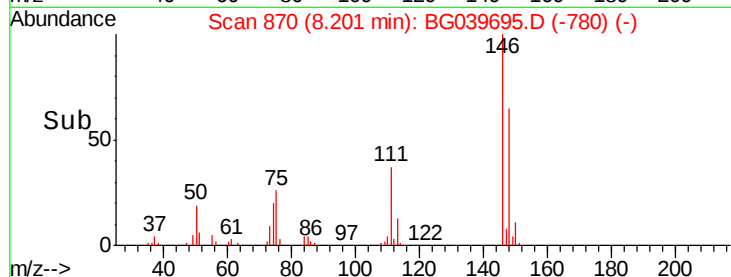
111 37.3 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.361 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

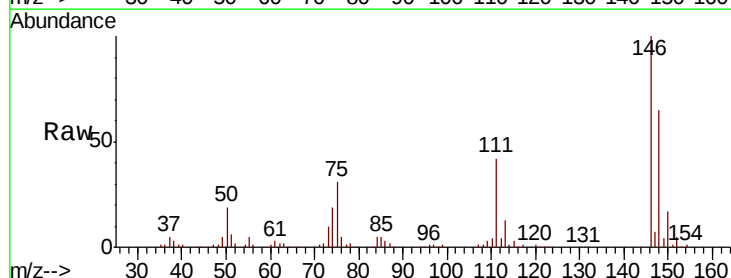
Tgt Ion:146 Resp: 178838

Ion Ratio Lower Upper

146 100

148 64.8 51.5 77.3

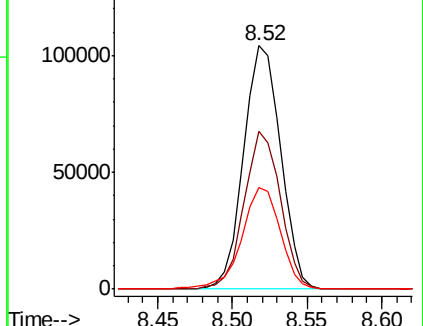
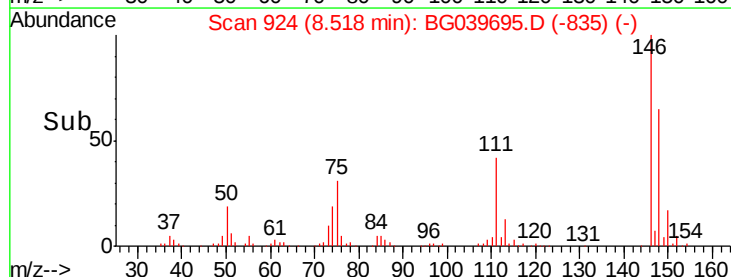
111 41.8 33.8 50.6

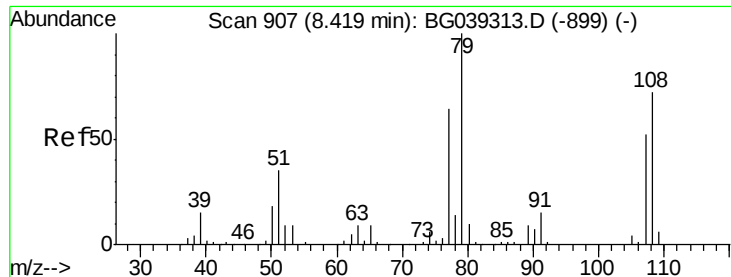


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.235 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

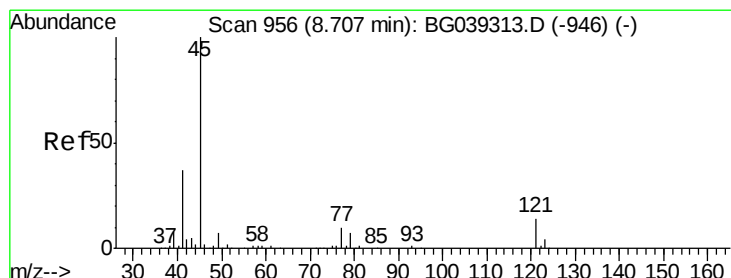
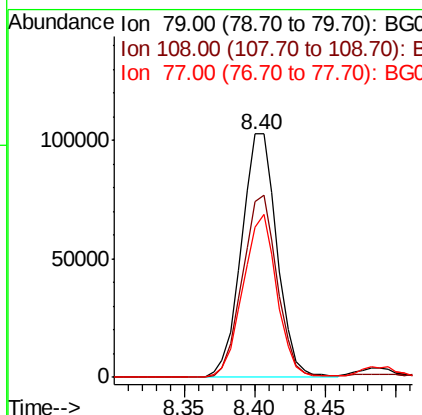
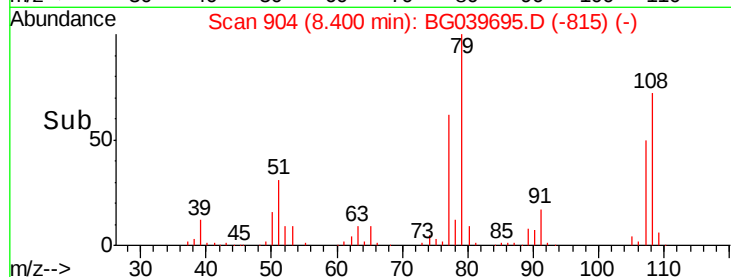
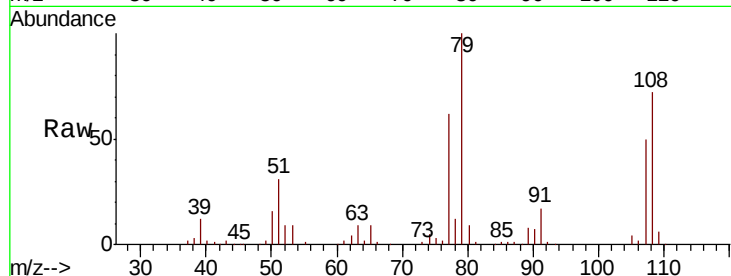
Tot Ion: 79 Resp: 181280

Ion Ratio Lower Upper

79 100

108 72.1 57.8 86.6

77 61.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.011 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

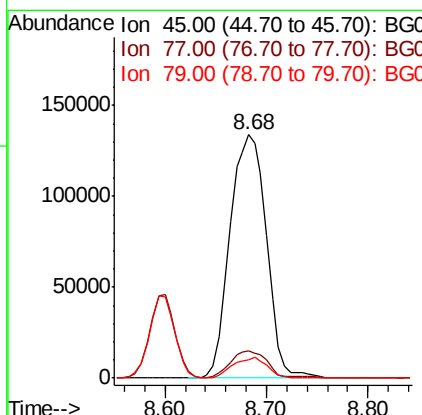
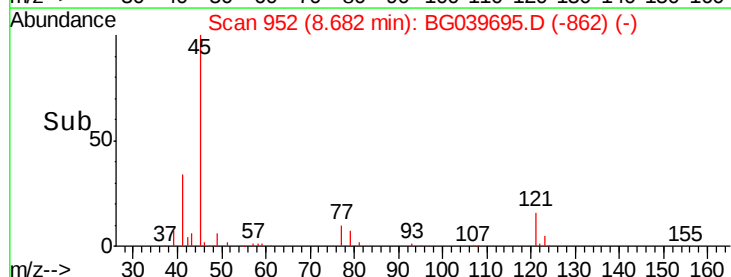
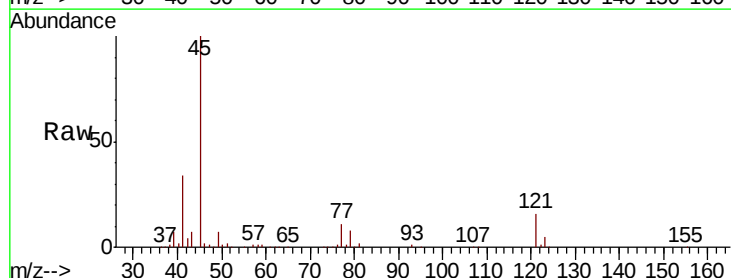
Tgt Ion: 45 Resp: 332440

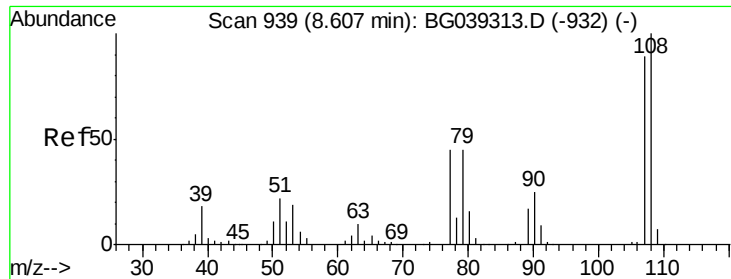
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.0

79 7.7 0.0 27.5

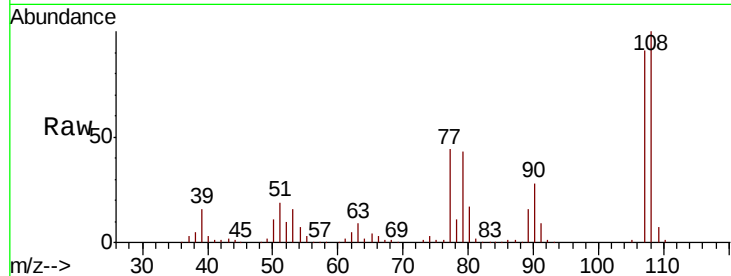




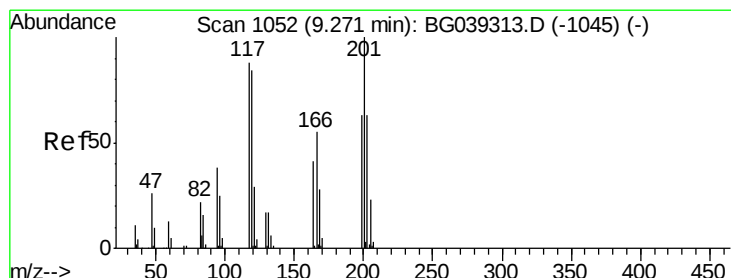
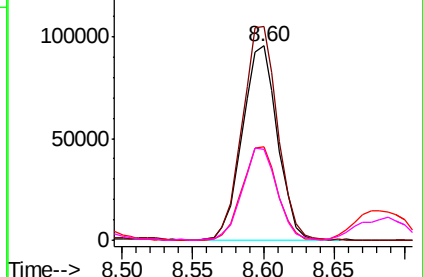
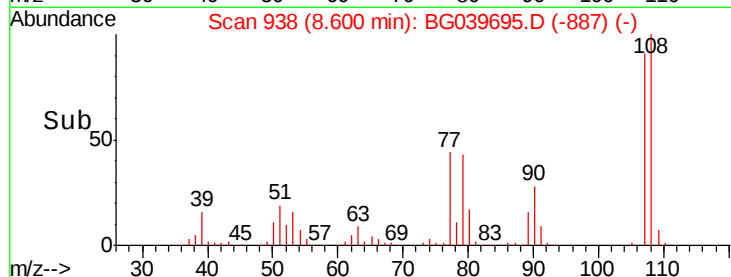
#17
2-Methylphenol
Concen: 48.414 ng
RT: 8.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:107 Resp: 166714
Ion Ratio Lower Upper
107 100
108 110.1 90.8 136.2
77 48.3 40.7 61.1
79 47.0 40.6 60.8

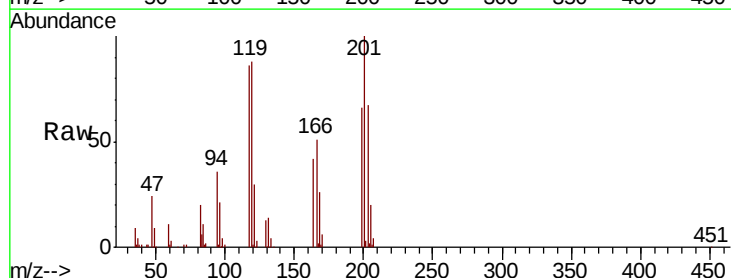


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

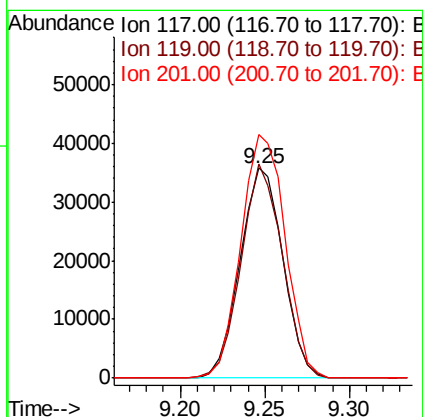
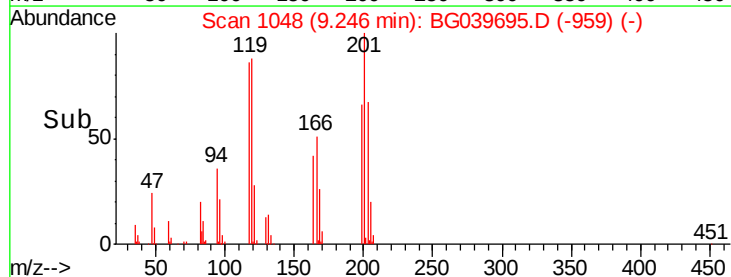


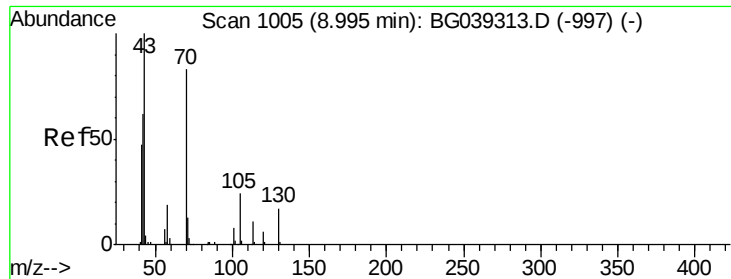
#18
Hexachloroethane
Concen: 40.080 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:117 Resp: 63114
Ion Ratio Lower Upper
117 100
119 102.1 76.3 114.5
201 116.0 91.1 136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

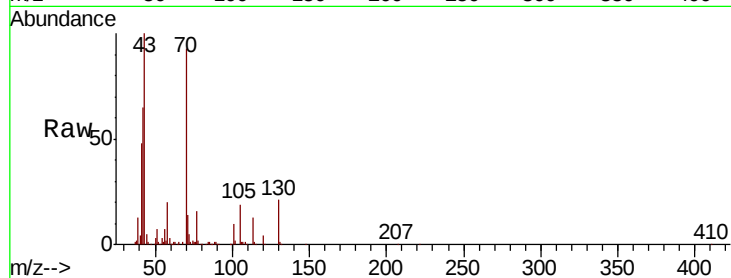




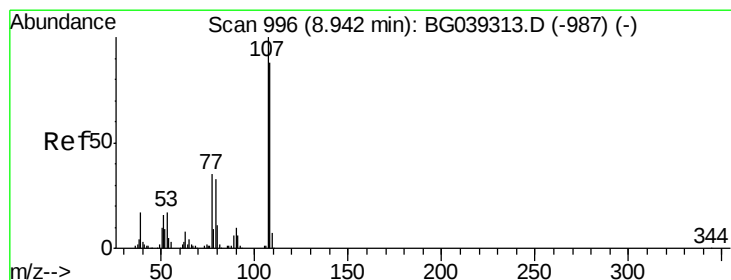
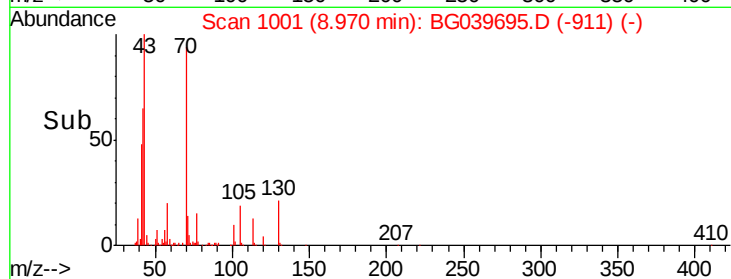
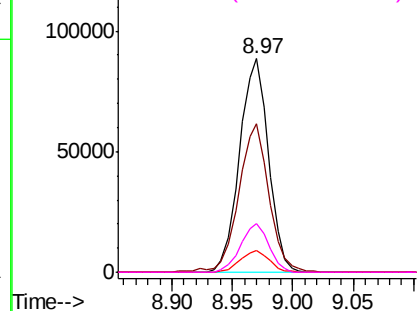
#19
n-Nitroso-di-n-propylamine
Concen: 40.822 ng
RT: 8.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:	70	Resp:	147899
Ion	Ratio	Lower	Upper
70	100		
42	69.3	60.4	90.6
101	10.4	7.5	11.3
130	22.7	16.9	25.3

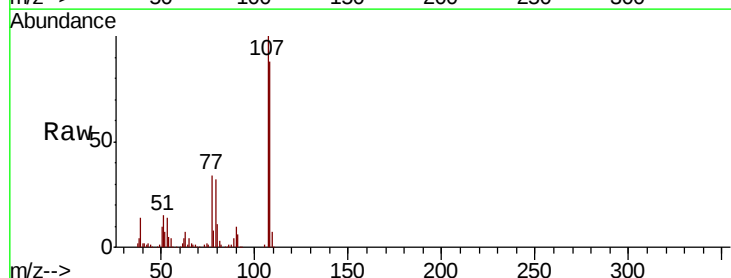


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

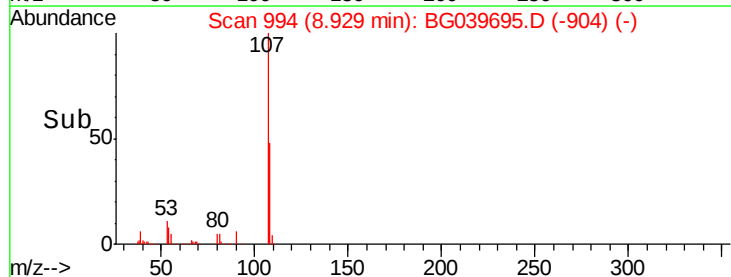
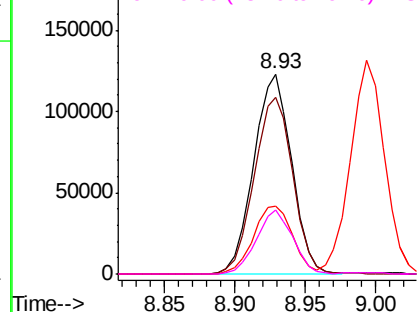


#20
3+4-Methylphenols
Concen: 48.603 ng
RT: 8.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:	107	Resp:	230471
Ion	Ratio	Lower	Upper
107	100		
108	88.2	67.9	107.9
77	34.1	15.4	55.4
79	32.2	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

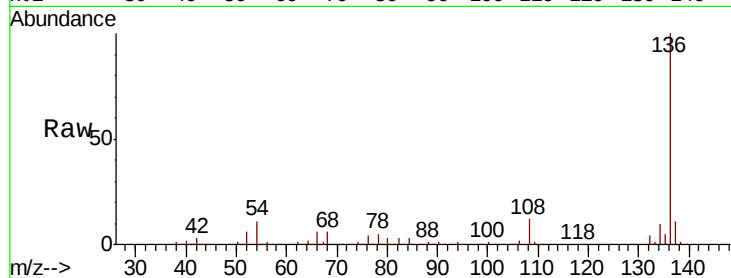




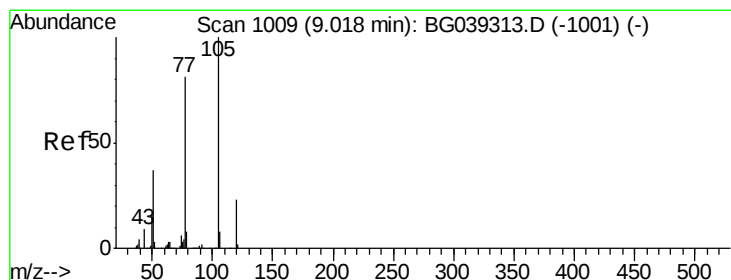
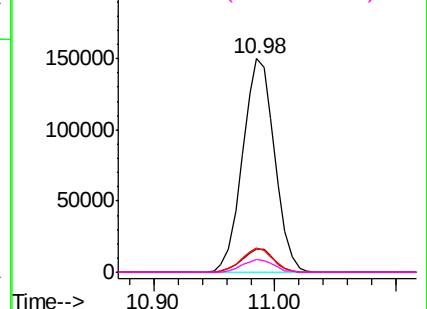
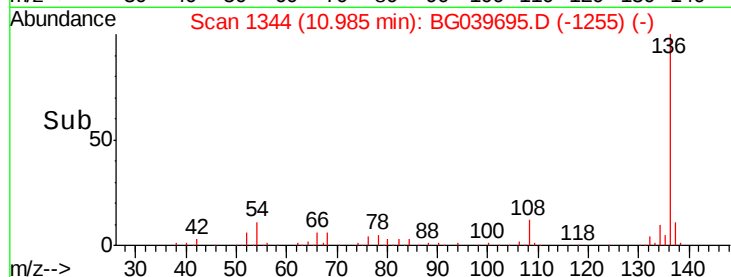
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:136	Resp:	275485
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	11.2	9.4 14.2
68	5.9	4.2 6.4

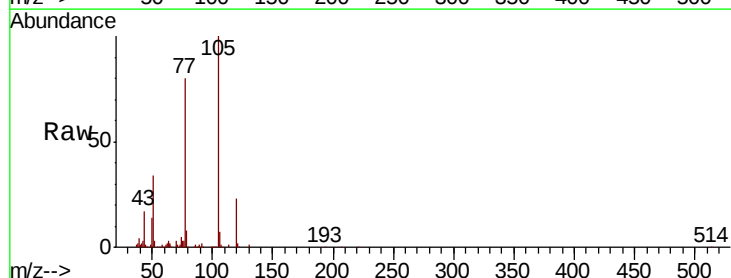


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

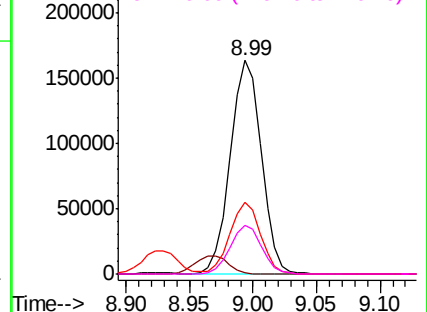
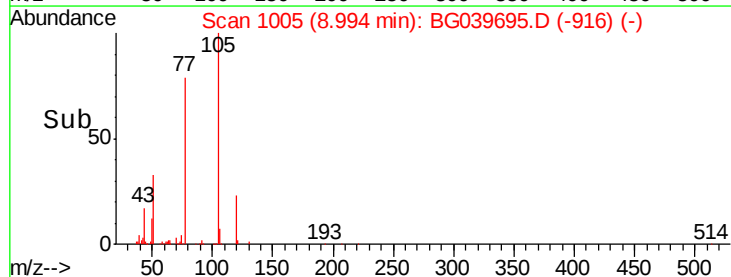


#22
Acetophenone
Concen: 37.460 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:105	Resp:	277205
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.8 1.2#
51	33.5	30.2 45.2
120	23.0	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

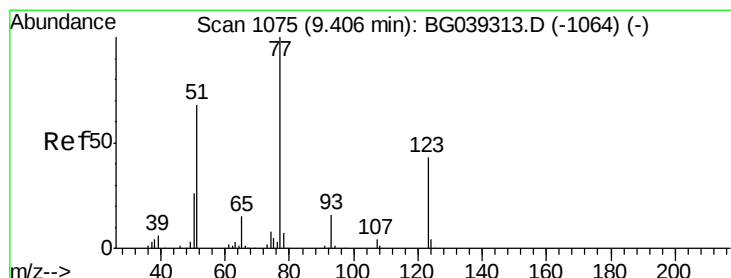
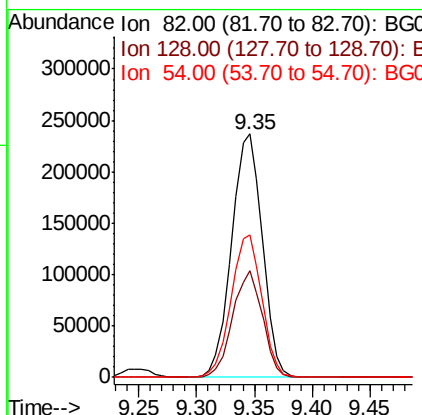
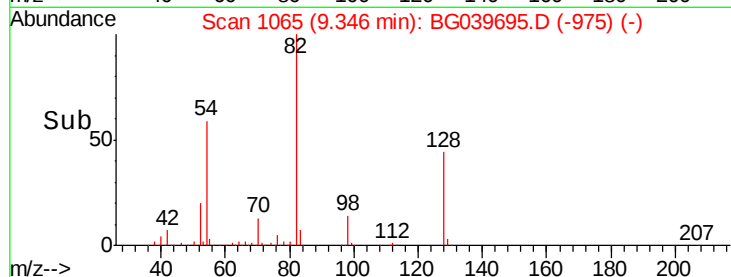
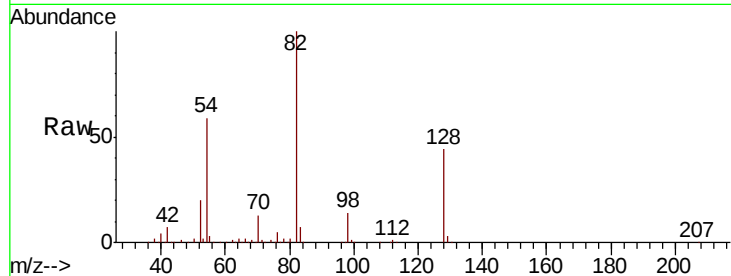




#23
Nitrobenzene-d5
Concen: 99.032 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

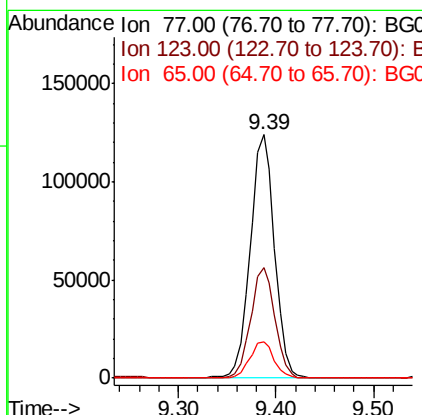
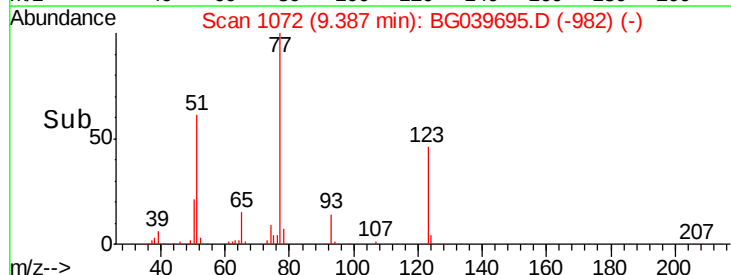
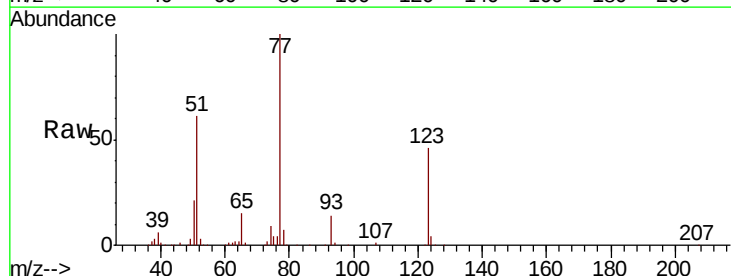
Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion	82	Resp	436707
Ion Ratio	100	Lower	Upper
128	43.8	31.3	46.9
54	58.6	50.9	76.3



#24
Nitrobenzene
Concen: 45.479 ng
RT: 9.39 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion	77	Resp	216662
Ion Ratio	100	Lower	Upper
123	45.5	34.1	51.1
65	14.9	12.3	18.5

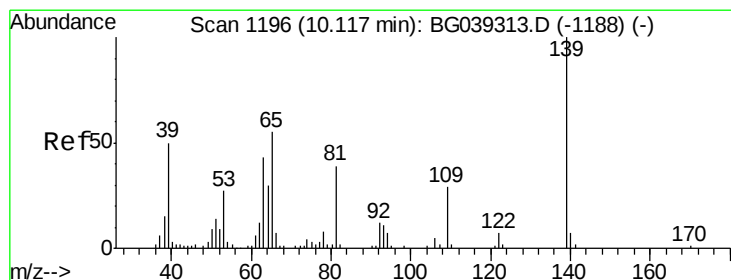
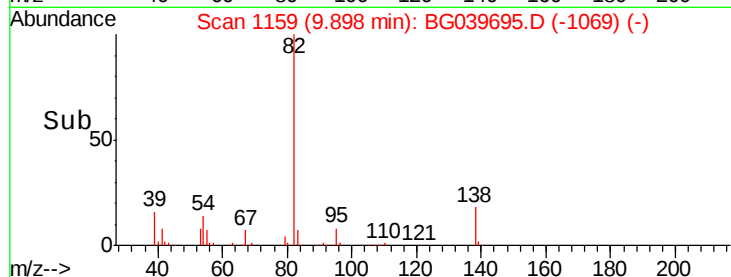
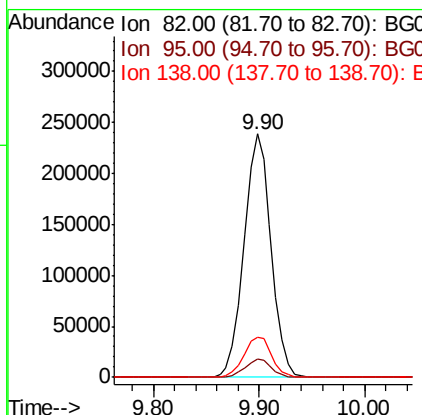
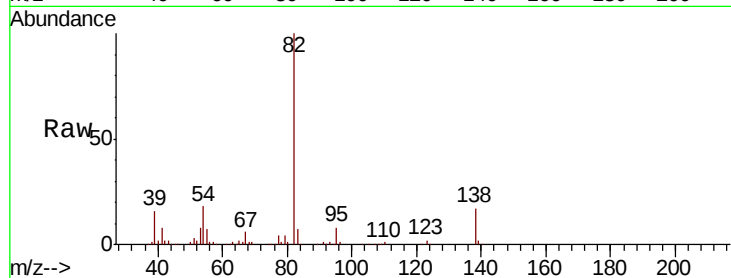




#25
Isophorone
Concen: 43.167 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

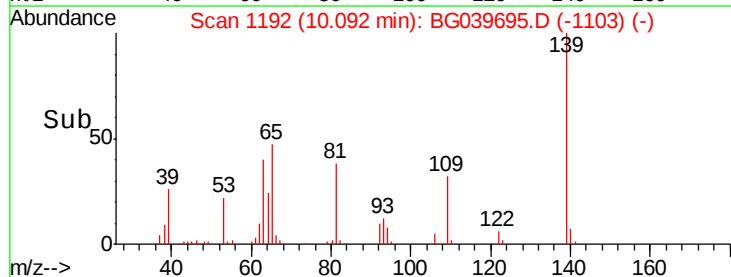
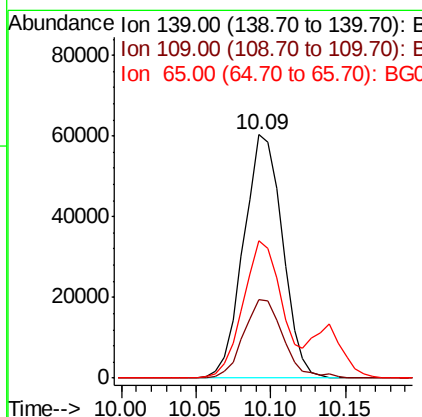
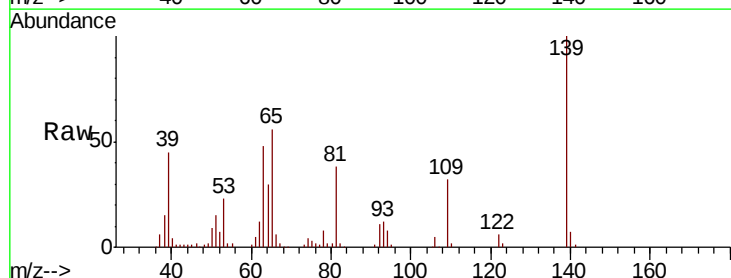
Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion: 82 Resp: 421827
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 16.6 13.0 19.4



#26
2-Nitrophenol
Concen: 55.496 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion: 139 Resp: 108843
Ion Ratio Lower Upper
139 100
109 32.3 23.4 35.0
65 56.2 44.3 66.5

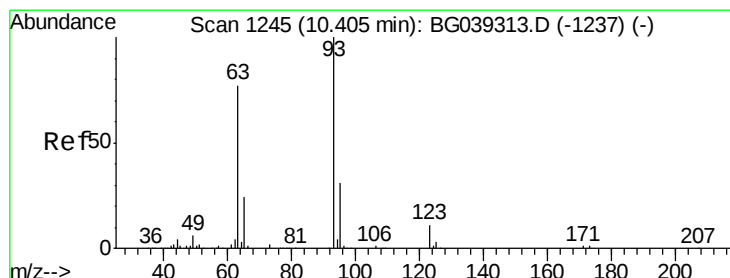
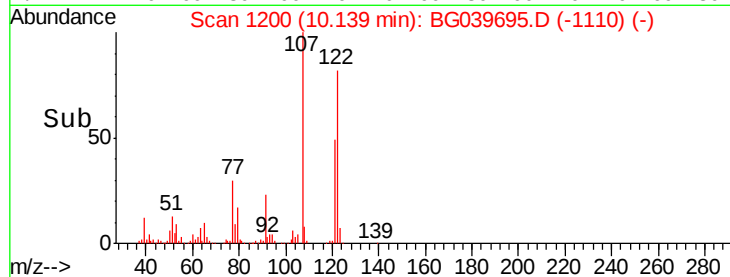
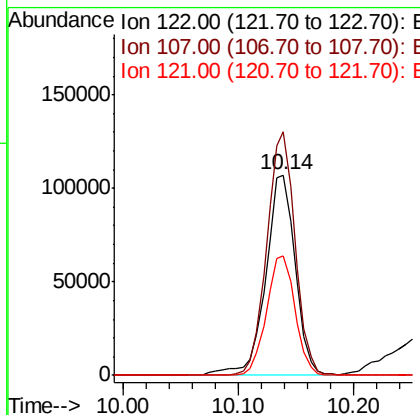
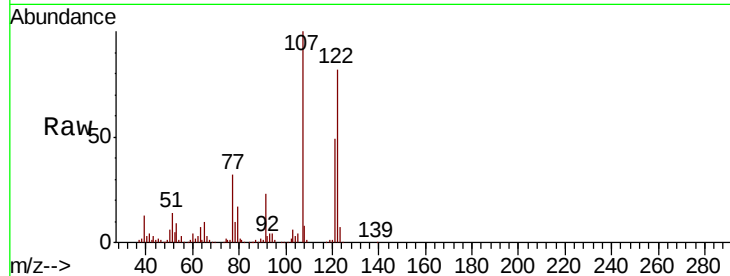




#27
 2,4-Dimethylphenol
 Concen: 48.466 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BG039695.D
 Acq: 1 Mar 2019 20:20

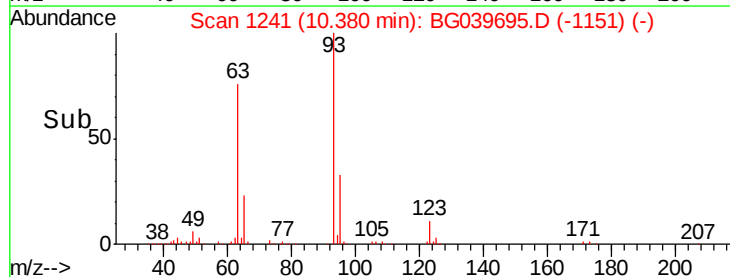
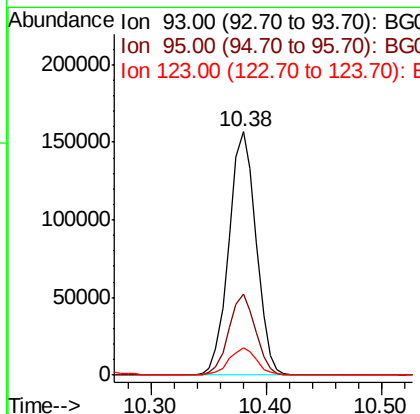
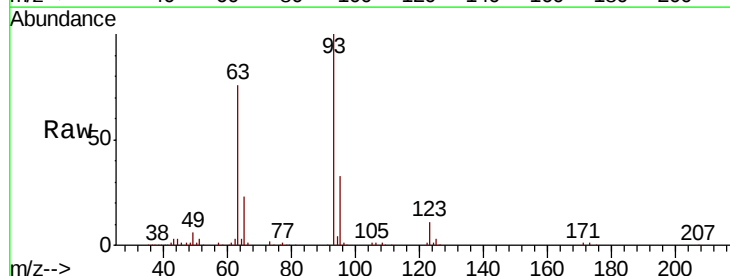
Instrument :
 BNA_G
 ClientSampleId :
 PB117532BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	91.7	137.5
121	59.5	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.548 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG039695.D
 Acq: 1 Mar 2019 20:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.0	37.4
123	11.2	8.6	12.8

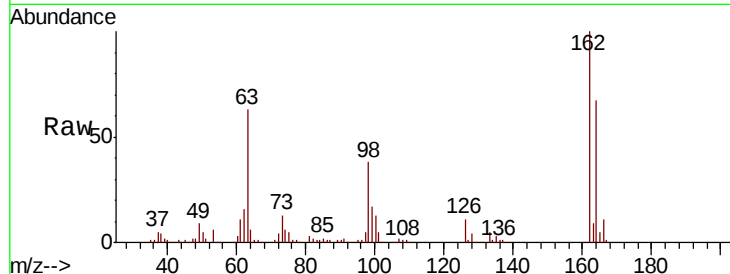




#29
2,4-Dichlorophenol
Concen: 48.055 ng
RT: 10.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	48.1	88.1
98	38.3	18.1	58.1

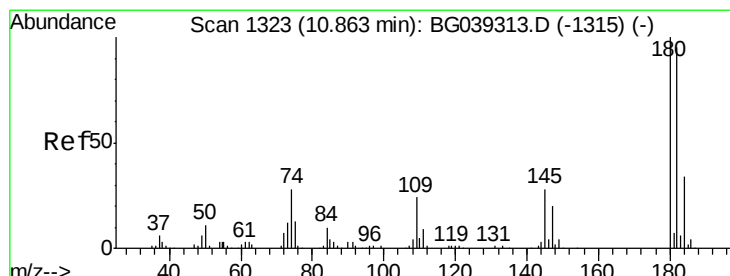
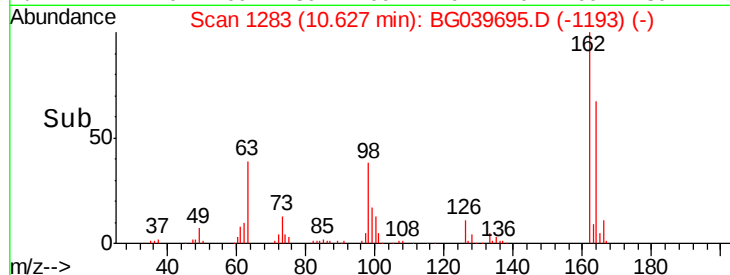
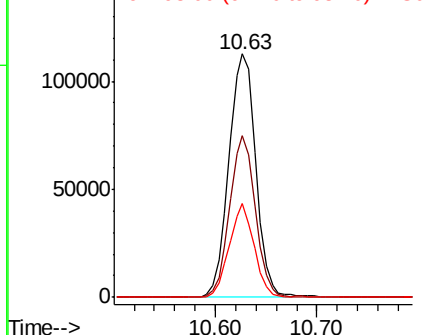


Abundance

Ion 162.00 (161.70 to 162.70): E

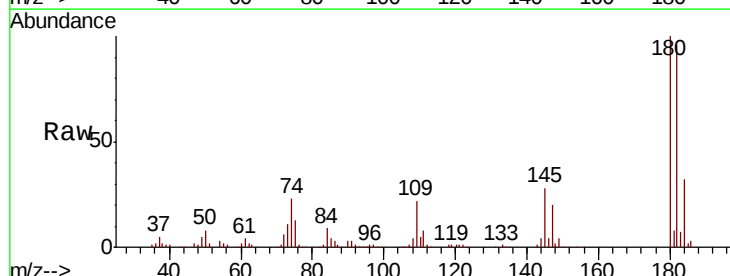
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 41.090 ng
RT: 10.84 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.0	114.0
145	27.9	22.7	34.1

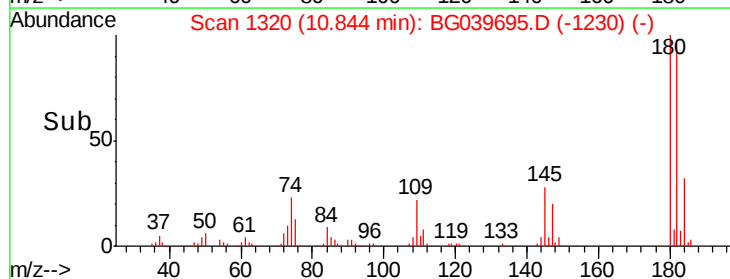
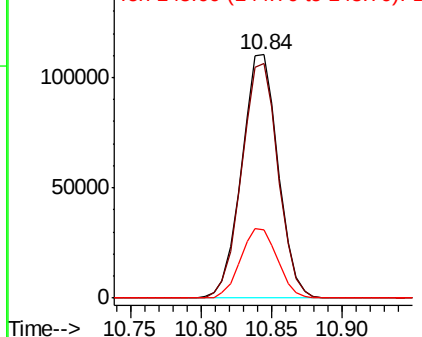


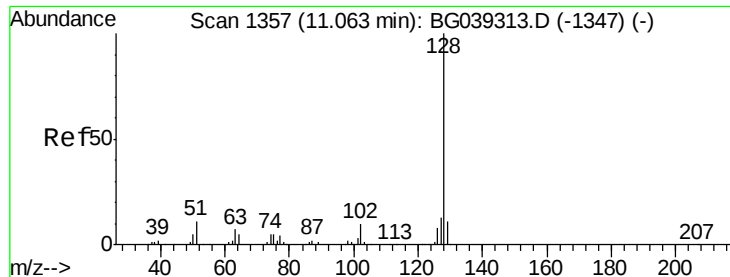
Abundance

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

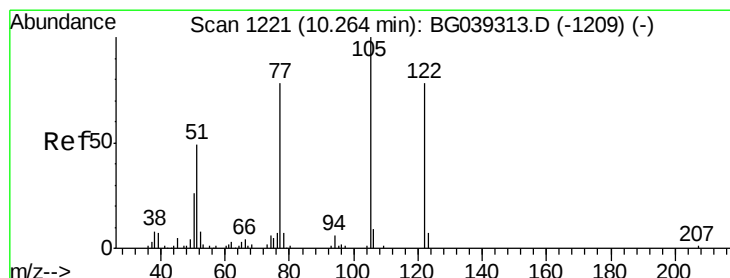
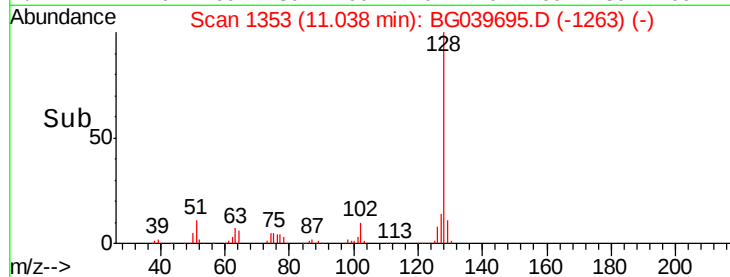
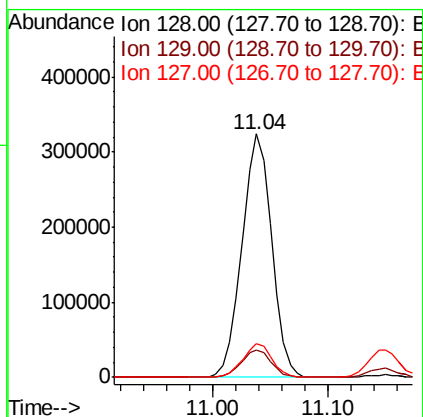
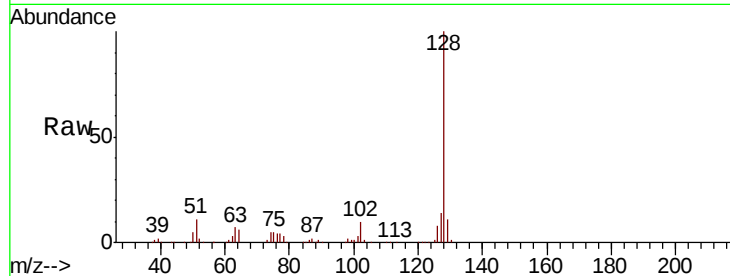




#31
Naphthalene
Concen: 42.306 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

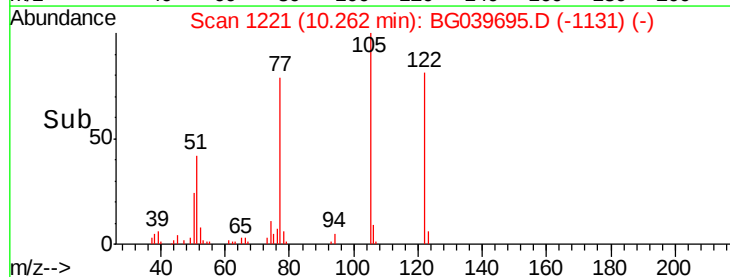
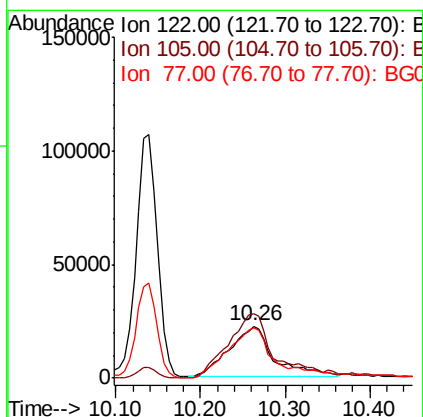
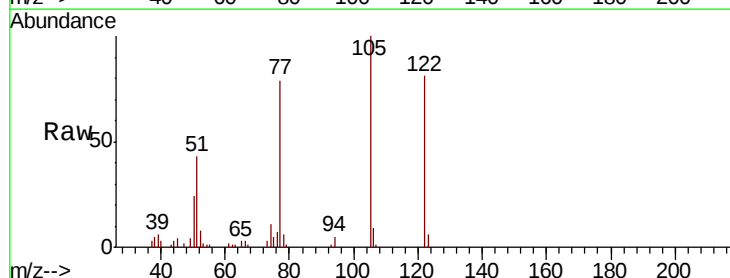
Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:128 Resp: 578176
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 34.901 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:122 Resp: 82496
Ion Ratio Lower Upper
122 100
105 123.2 101.8 141.8
77 97.5 76.3 116.3

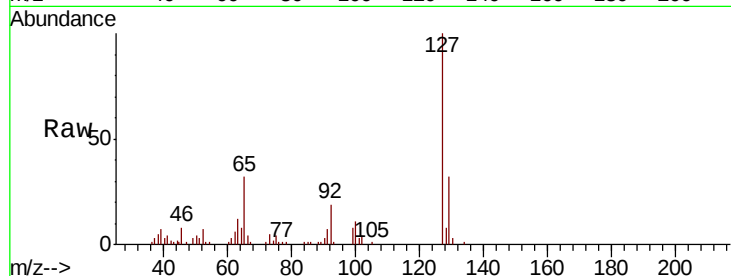




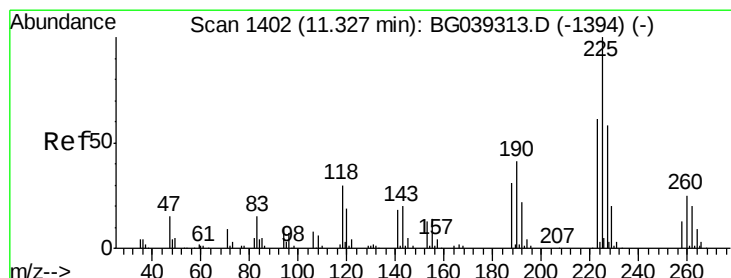
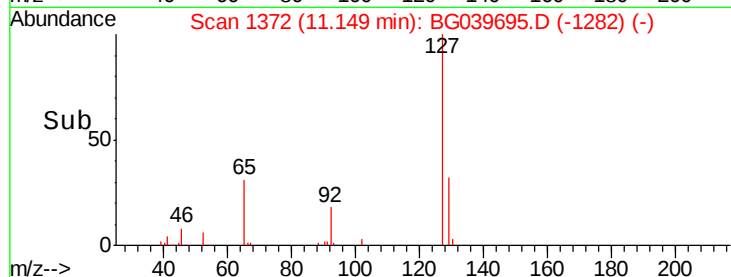
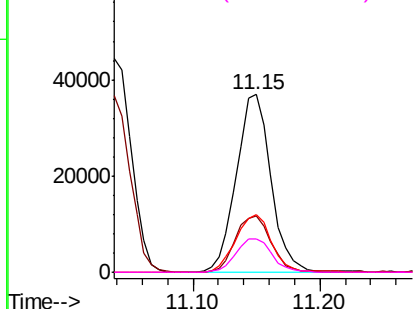
#33
4-Chloroaniline
Concen: 11.040 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:	127	Resp:	69961
Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.0	40.4
65	32.3	28.8	43.2
92	18.5	16.6	25.0

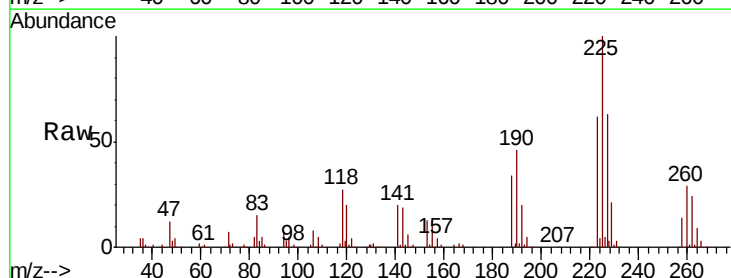


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

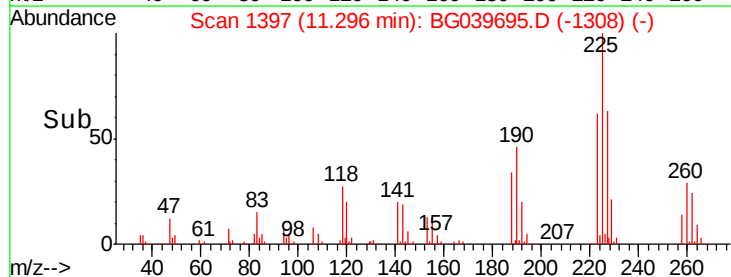
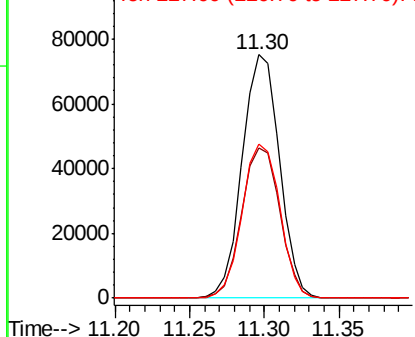


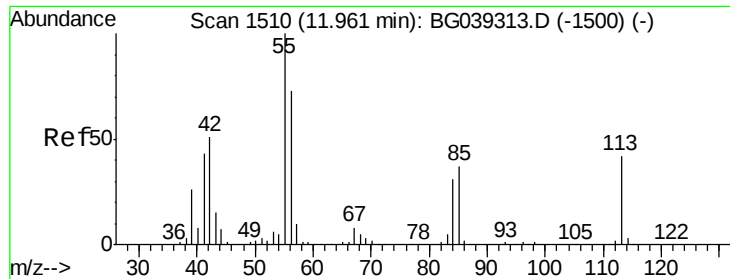
#34
Hexachlorobutadiene
Concen: 40.369 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:	225	Resp:	130221
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.0	73.6
227	63.3	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: 37.386 ng

RT: 11.94 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

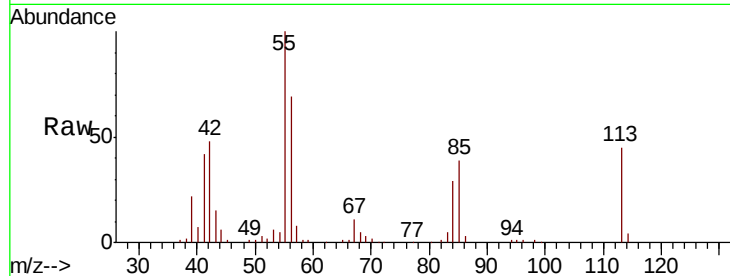
Tot Ion:113 Resp: 66838

Ion Ratio Lower Upper

113 100

55 223.7 216.9 256.9

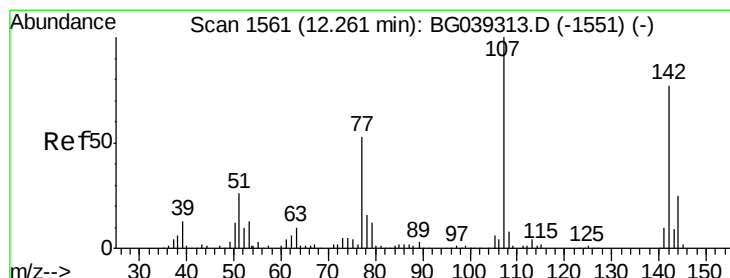
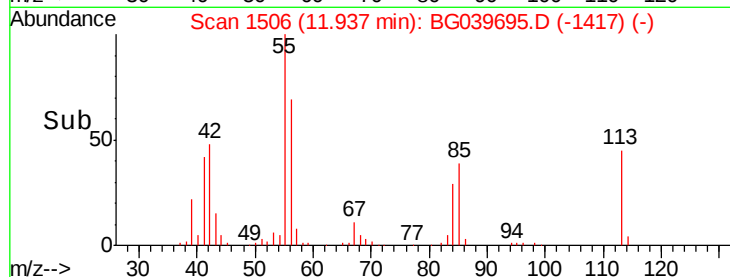
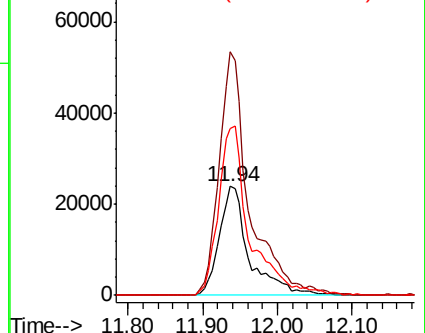
56 153.9 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.068 ng

RT: 12.25 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

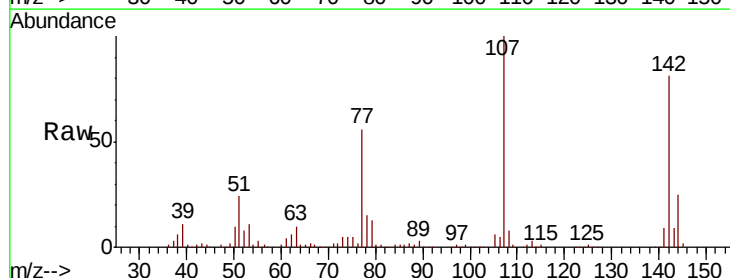
Tgt Ion:107 Resp: 220186

Ion Ratio Lower Upper

107 100

144 25.1 20.2 30.2

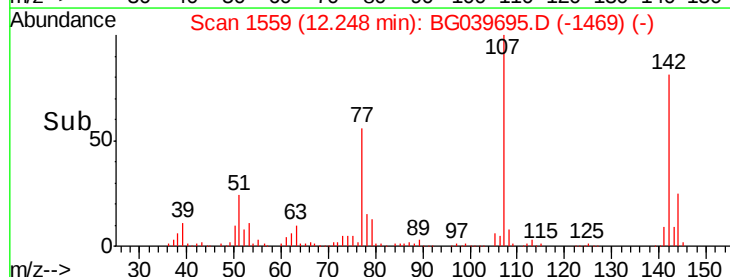
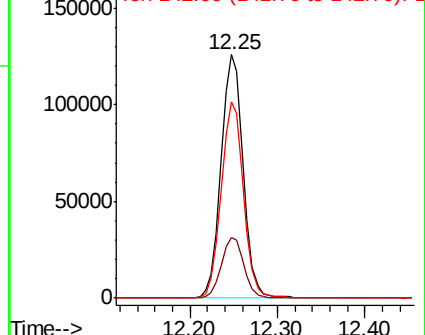
142 80.7 61.4 92.2

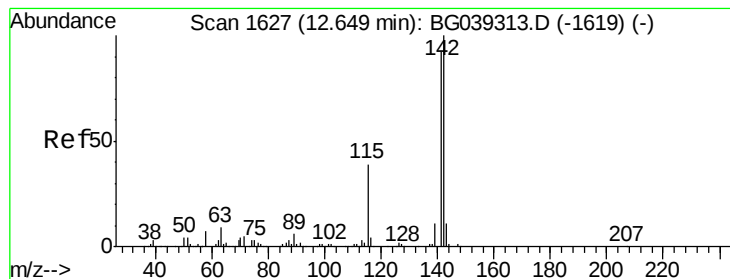


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.734 ng

RT: 12.63 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

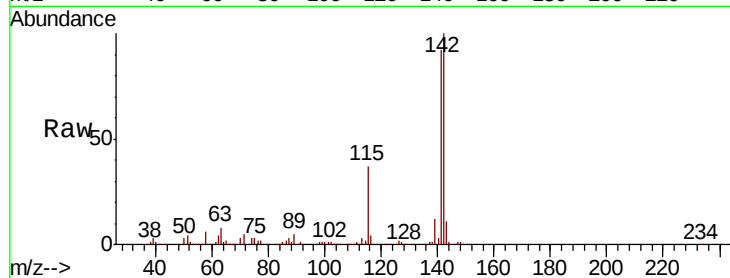
Tot Ion:142 Resp: 442683

Ion Ratio Lower Upper

142 100

141 91.6 73.5 110.3

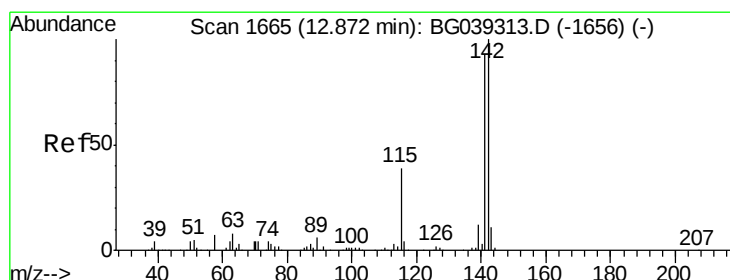
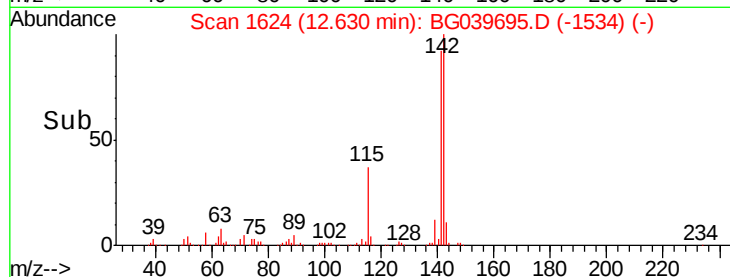
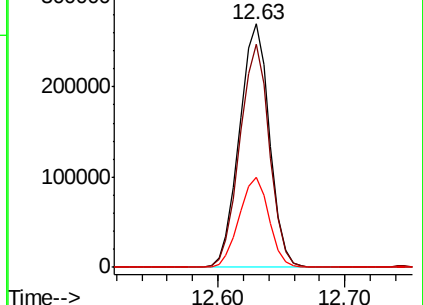
115 36.8 30.8 46.2



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: 43.700 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

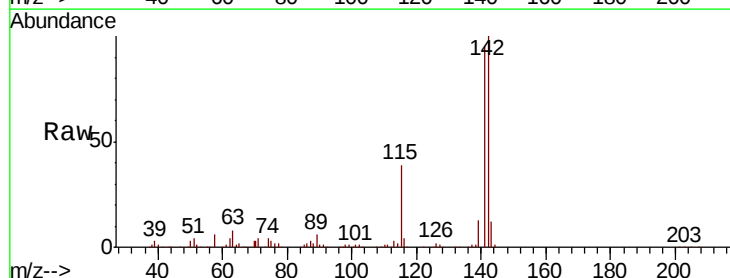
Tgt Ion:142 Resp: 426394

Ion Ratio Lower Upper

142 100

141 95.2 74.2 111.4

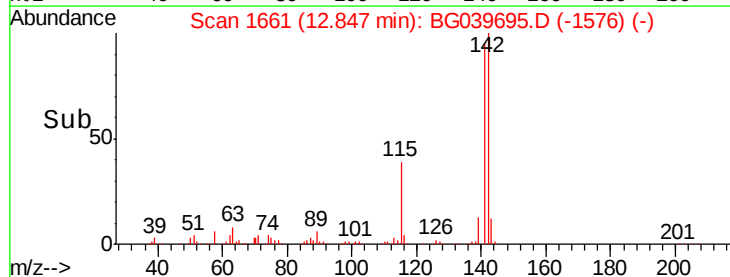
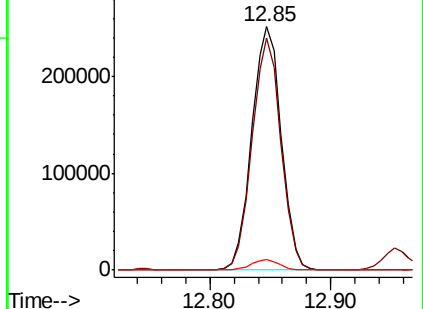
116 4.2 3.0 4.6

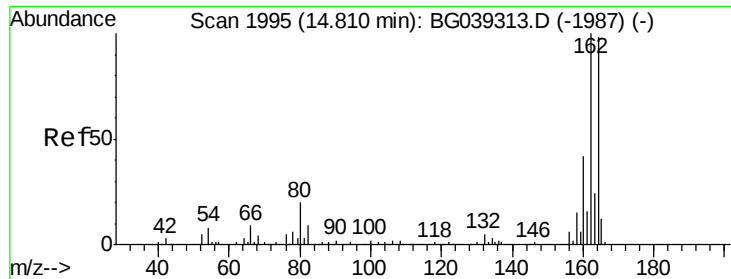


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

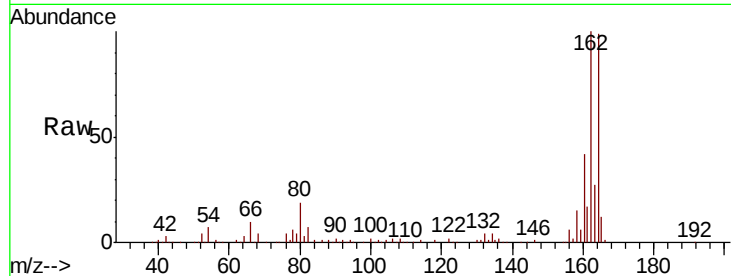
Tot Ion:164 Resp: 185082

Ion Ratio Lower Upper

164 100

162 100.7 81.6 122.4

160 42.6 34.2 51.2

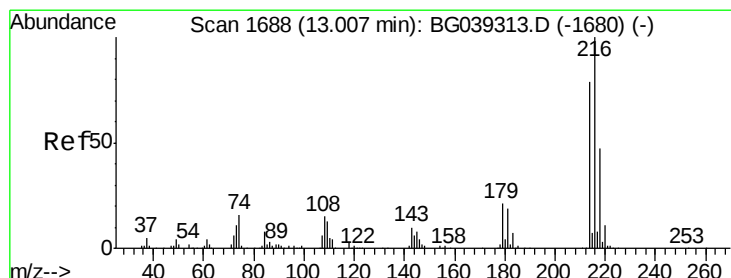
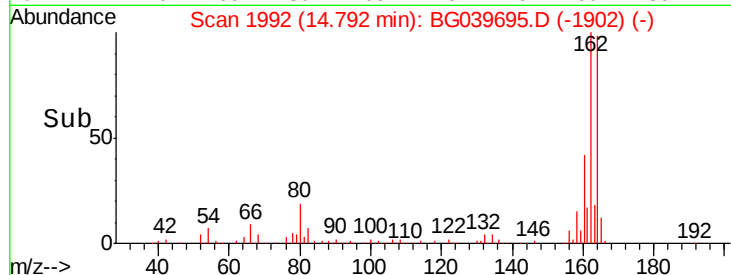
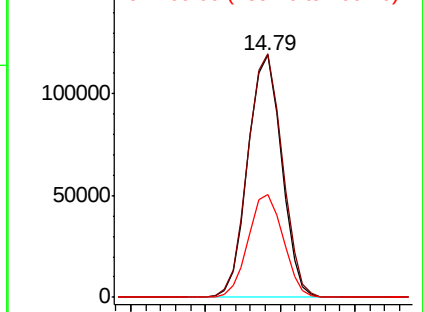


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.407 ng

RT: 12.99 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Tgt Ion:216 Resp: 243835

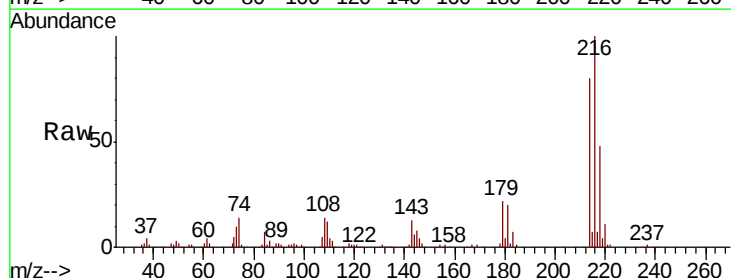
Ion Ratio Lower Upper

216 100

214 80.3 62.6 94.0

179 21.2 16.6 25.0

108 18.6 14.0 21.0



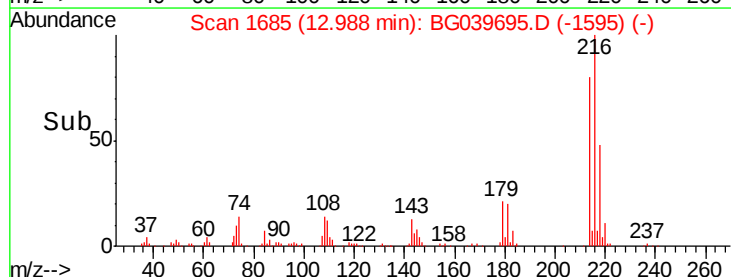
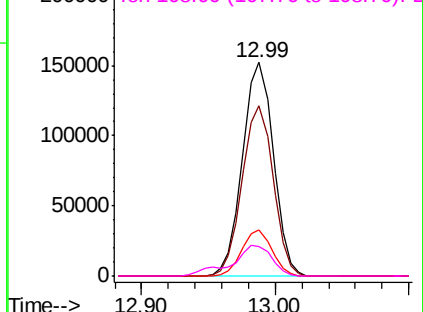
Abundance

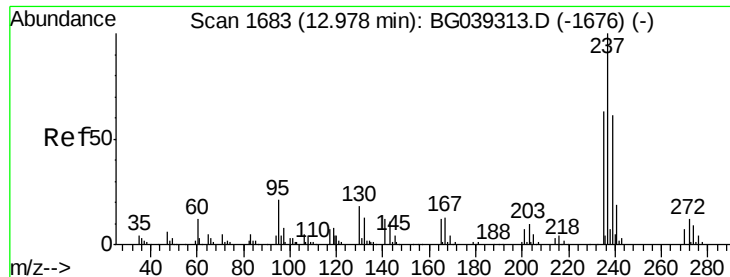
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

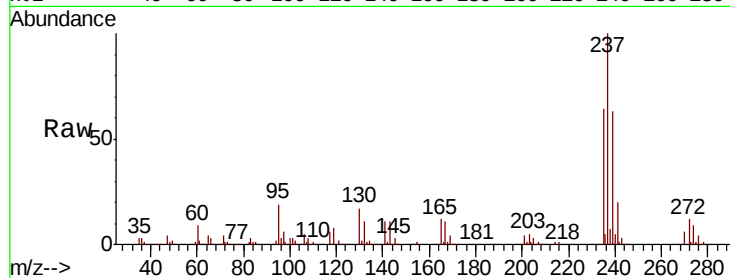




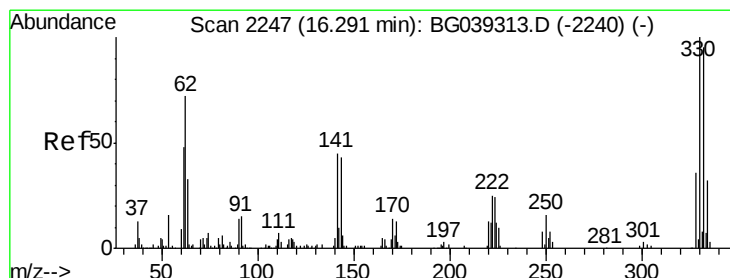
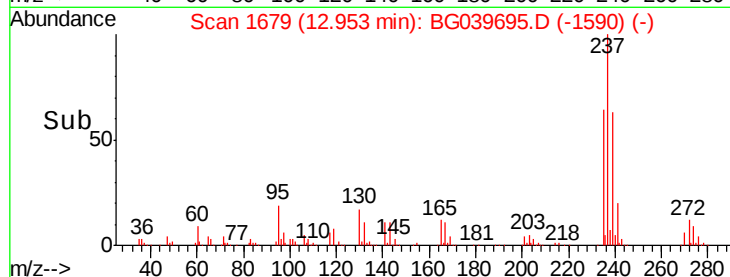
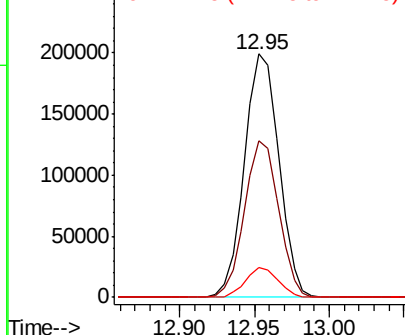
#41
Hexachlorocyclopentadiene
Concen: 99.247 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:237 Resp: 318472
Ion Ratio Lower Upper
237 100
235 64.4 43.3 83.3
272 12.1 0.0 32.3

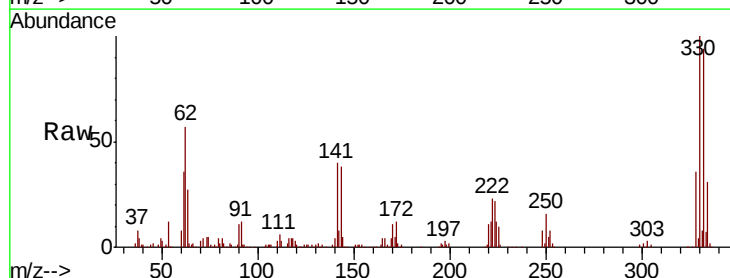


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

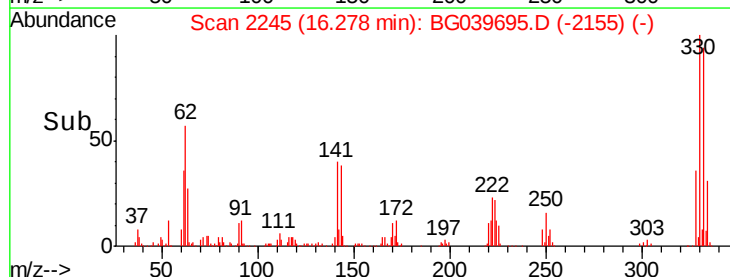
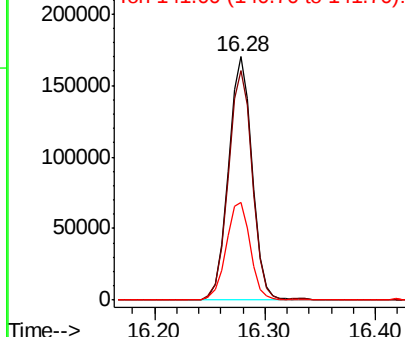


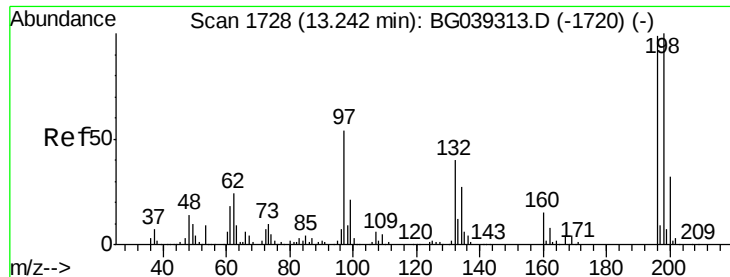
#42
2,4,6-Tribromophenol
Concen: 128.531 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:330 Resp: 256164
Ion Ratio Lower Upper
330 100
332 94.9 75.7 113.5
141 40.8 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

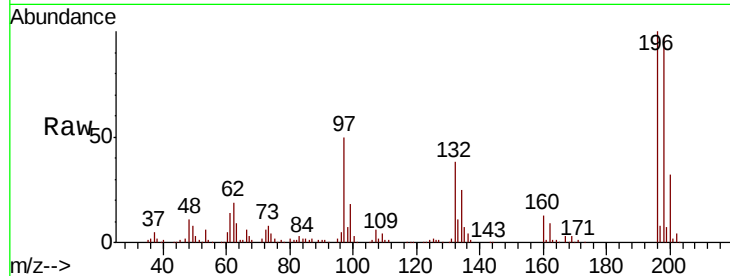




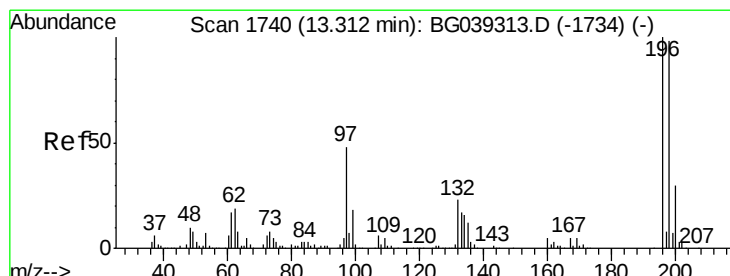
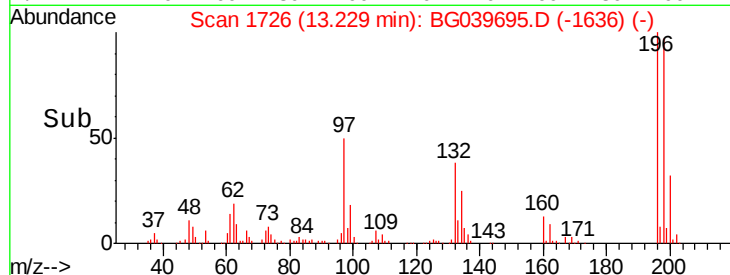
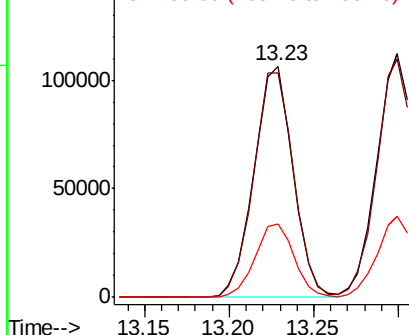
#43
 2,4,6-Trichlorophenol
 Concen: 47.175 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG039695.D
 Acq: 1 Mar 2019 20:20

Instrument :
 BNA_G
 ClientSampled :
 PB117532BS

Tot Ion:196 Resp: 170809
 Ion Ratio Lower Upper
 196 100
 198 97.1 80.6 121.0
 200 31.8 26.1 39.1

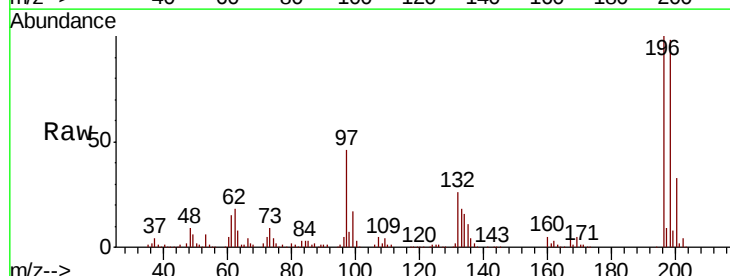


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

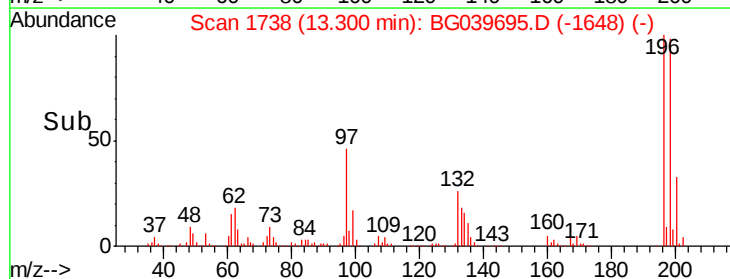
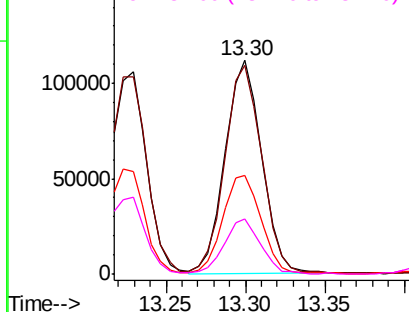


#44
 2,4,5-Trichlorophenol
 Concen: 46.922 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG039695.D
 Acq: 1 Mar 2019 20:20

Tgt Ion:196 Resp: 178060
 Ion Ratio Lower Upper
 196 100
 198 97.8 78.5 117.7
 97 46.5 38.4 57.6
 132 25.5 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

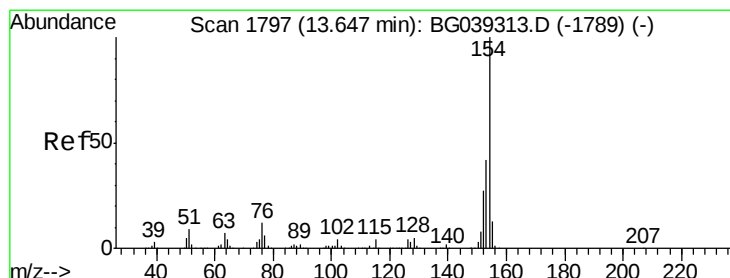
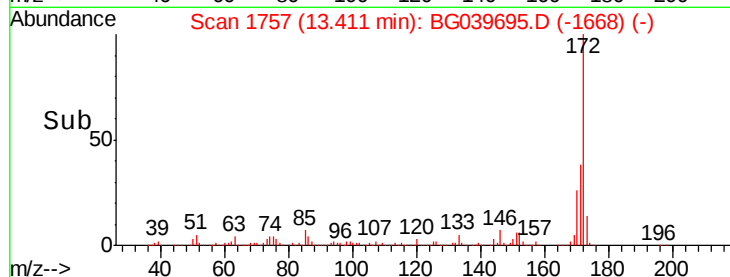
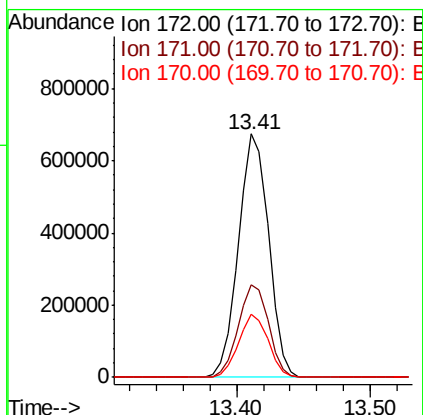
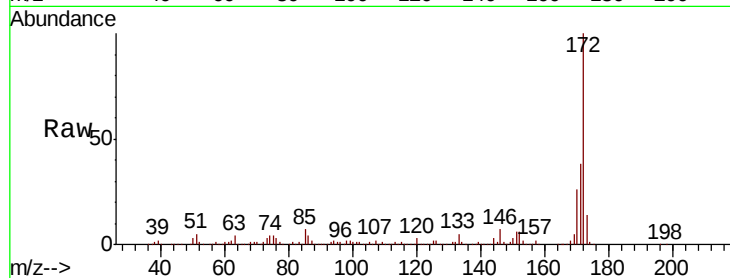




#45
2-Fluorobiphenyl
Concen: 81.727 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

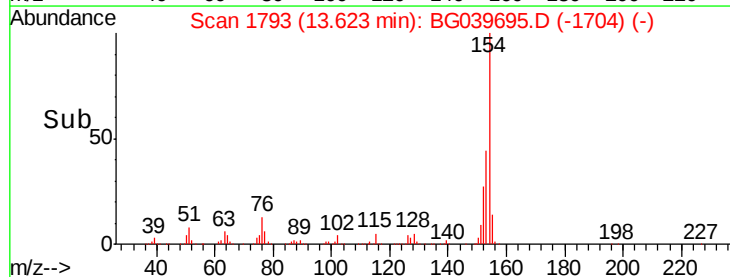
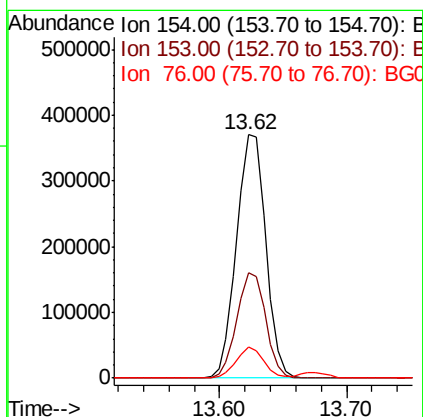
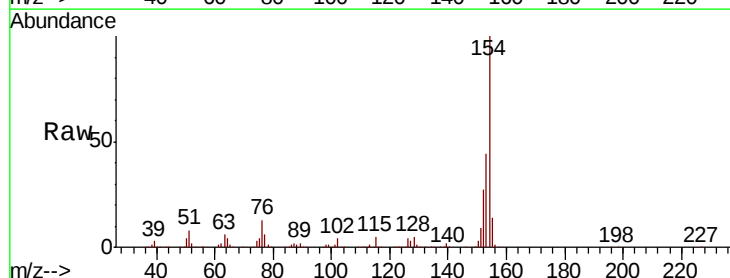
Instrument :
BNA_G
ClientSampleId :
PB117532BS

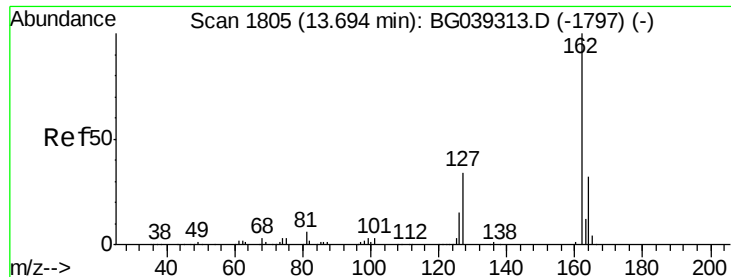
Tot Ion:172 Resp: 1054417
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 26.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 38.343 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:154 Resp: 590454
Ion Ratio Lower Upper
154 100
153 43.5 22.1 62.1
76 12.5 0.0 32.4

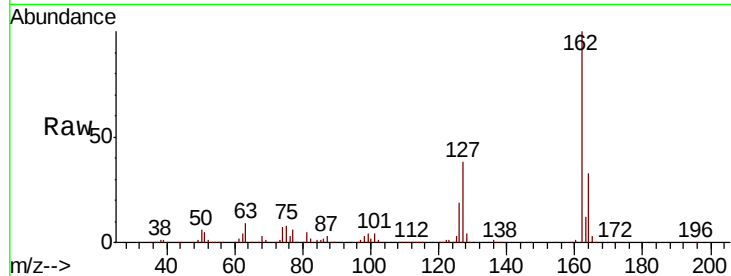




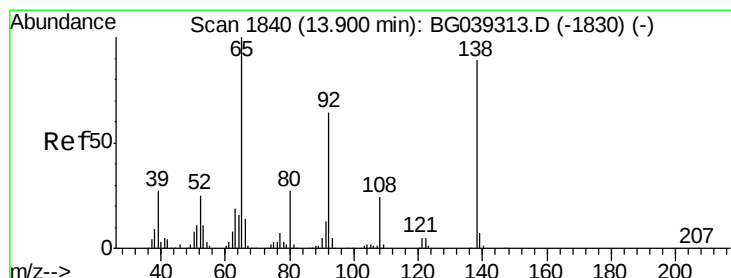
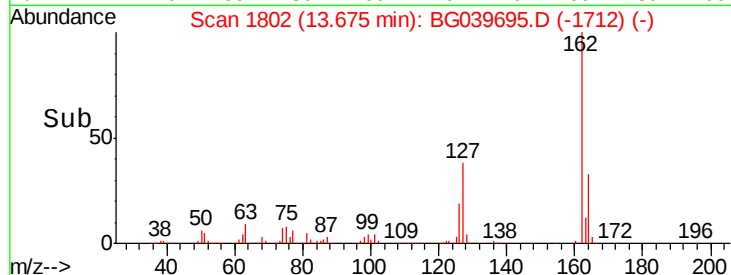
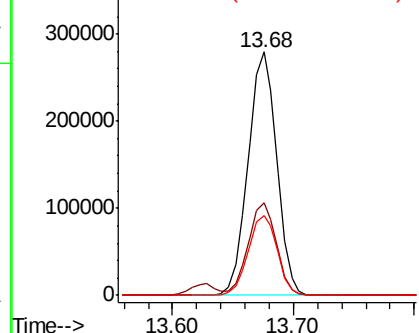
#47
2-Chloronaphthalene
Concen: 39.939 ng
RT: 13.68 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:162 Resp: 462674
Ion Ratio Lower Upper
162 100
127 38.1 31.0 46.6
164 32.9 25.7 38.5

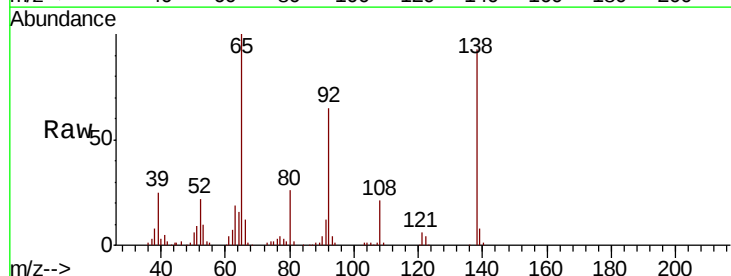


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

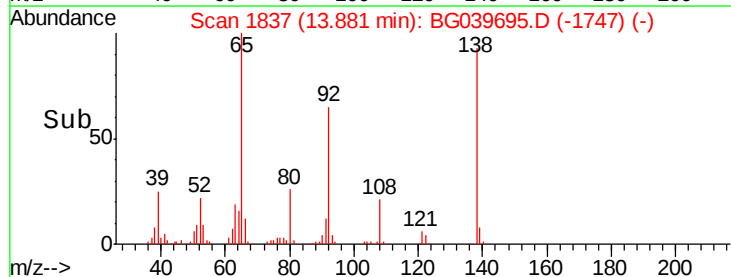
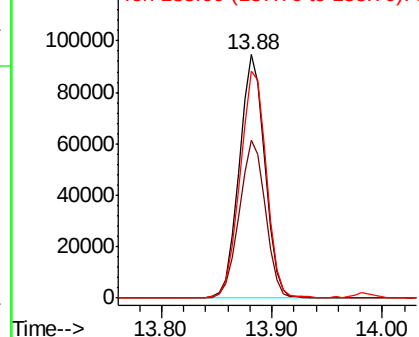


#48
2-Nitroaniline
Concen: 46.668 ng
RT: 13.88 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion: 65 Resp: 154377
Ion Ratio Lower Upper
65 100
92 64.8 51.4 77.2
138 93.3 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: 41.883 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

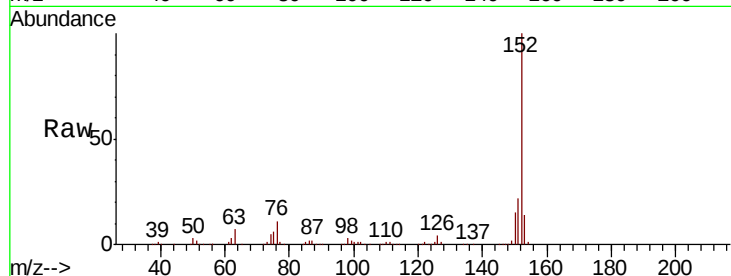
Tot Ion:152 Resp: 732113

Ion Ratio Lower Upper

152 100

151 22.3 16.8 25.2

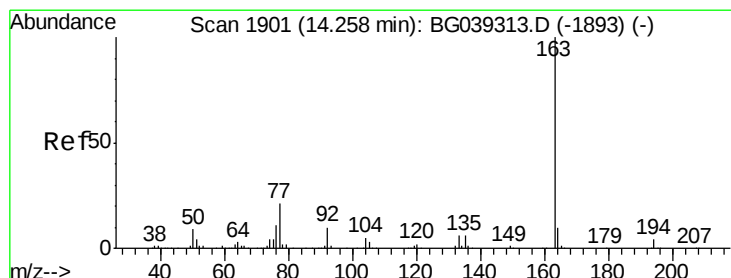
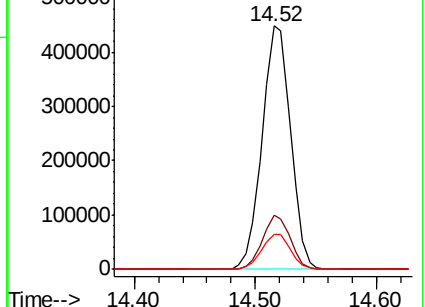
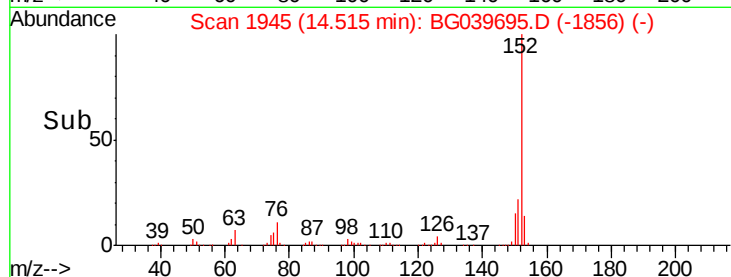
153 14.3 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.351 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

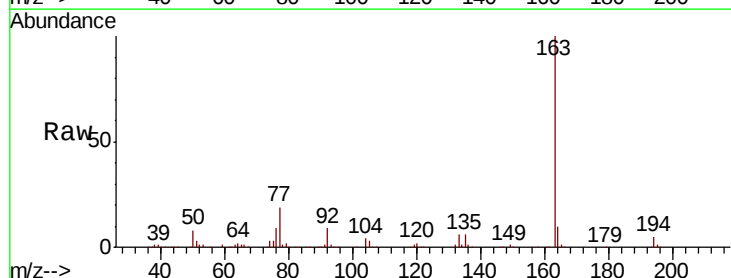
Tgt Ion:163 Resp: 603170

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

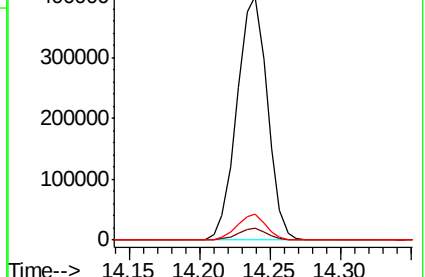
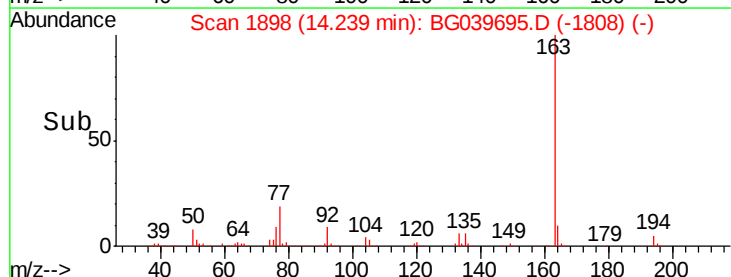
164 10.5 8.4 12.6

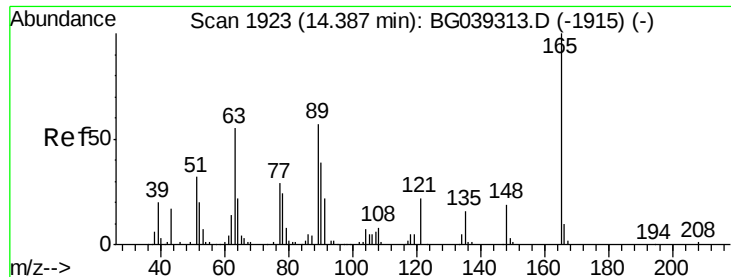


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

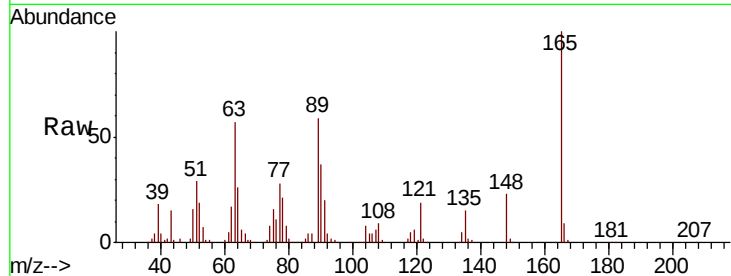




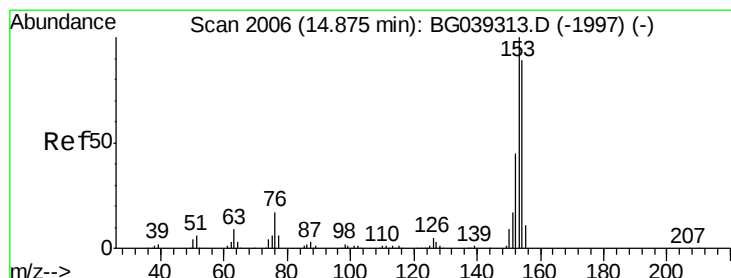
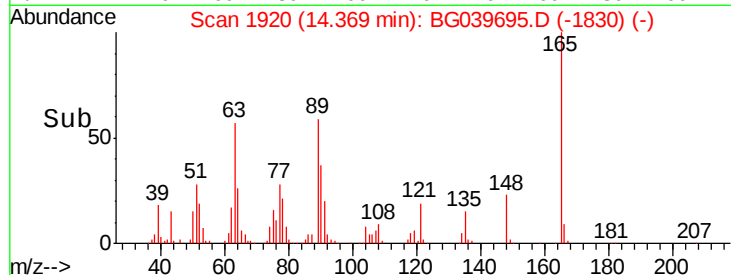
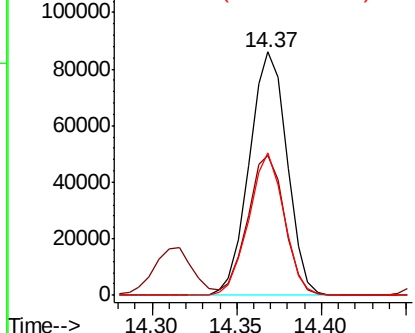
#51
 2,6-Dinitrotoluene
 Concen: 47.961 ng
 RT: 14.37 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BG039695.D
 Acq: 1 Mar 2019 20:20

Instrument :
 BNA_G
 ClientSampleId :
 PB117532BS

Tot Ion:165 Resp: 133972
 Ion Ratio Lower Upper
 165 100
 63 57.5 47.0 70.6
 89 58.6 45.8 68.8

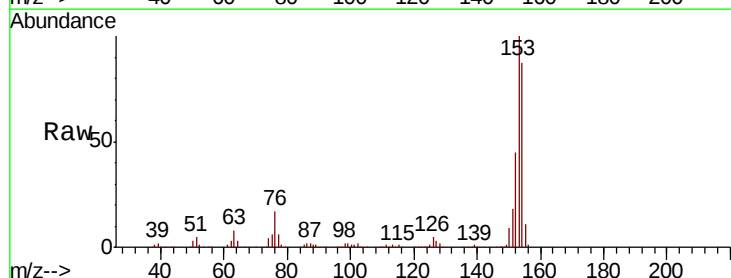


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

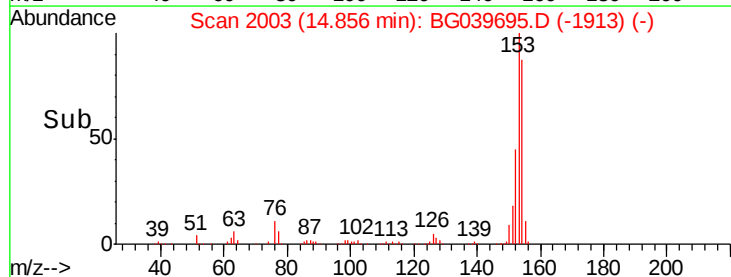
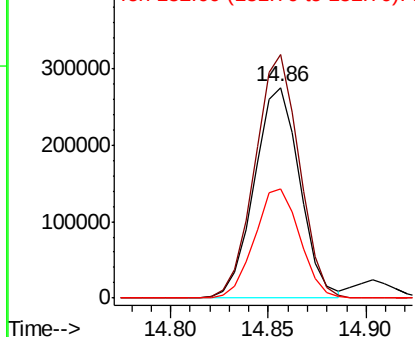


#52
 Acenaphthene
 Concen: 38.929 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BG039695.D
 Acq: 1 Mar 2019 20:20

Tgt Ion:154 Resp: 441720
 Ion Ratio Lower Upper
 154 100
 153 115.5 90.1 135.1
 152 52.1 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

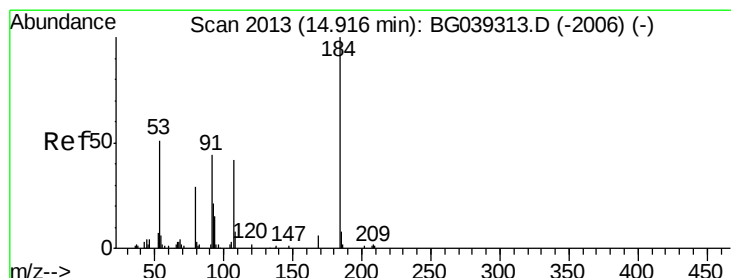
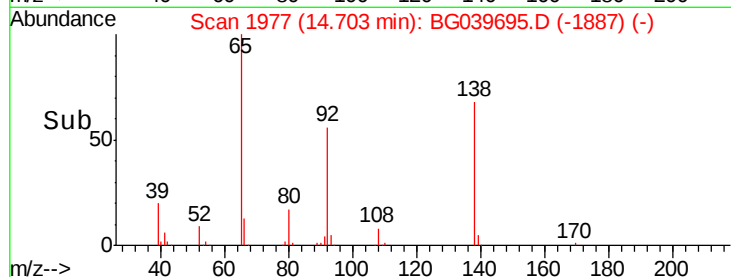
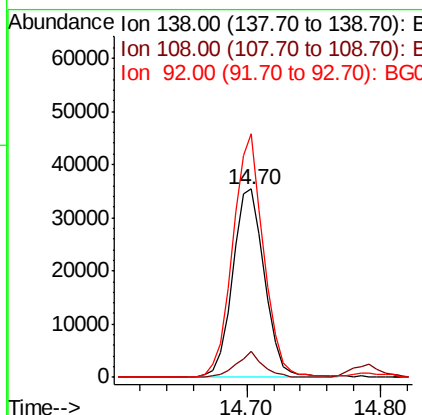
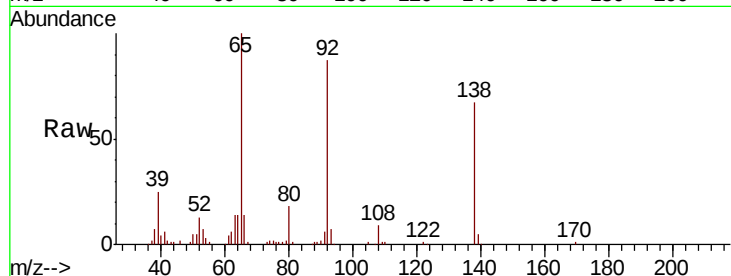




#53
3-Nitroaniline
Concen: 22.943 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

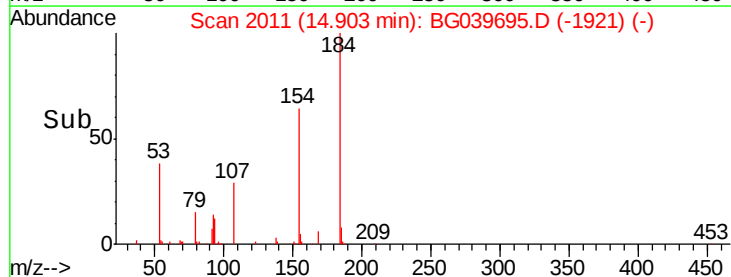
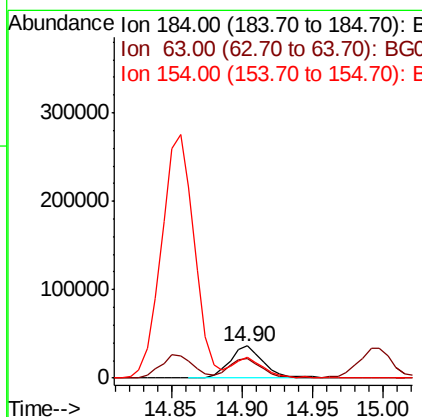
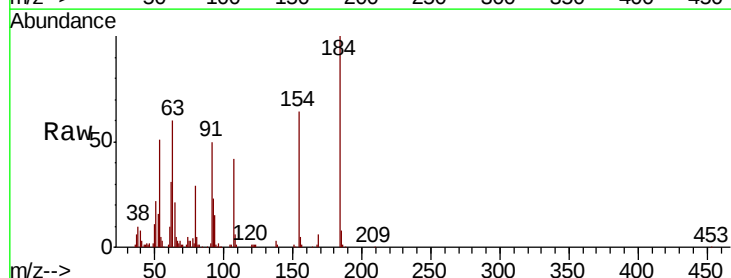
Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:138 Resp: 58794
Ion Ratio Lower Upper
138 100
108 14.0 13.8 20.8
92 129.3 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 57.416 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:184 Resp: 61017
Ion Ratio Lower Upper
184 100
63 60.3 50.9 76.3
154 64.4 53.0 79.6





#55

Dibenzofuran

Concen: 39.391 ng

RT: 15.19 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

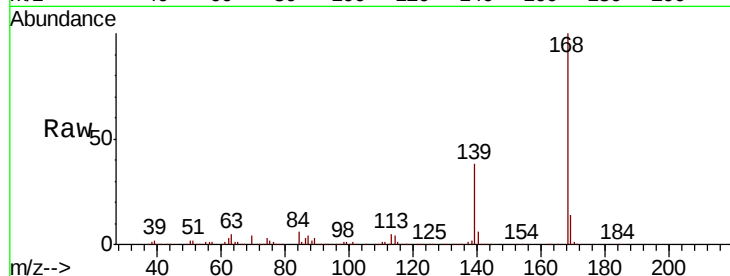
Tot Ion:168 Resp: 716632

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

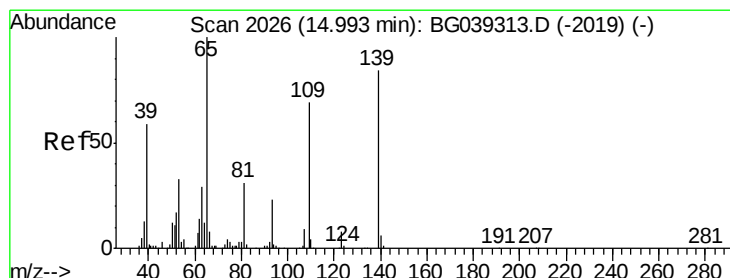
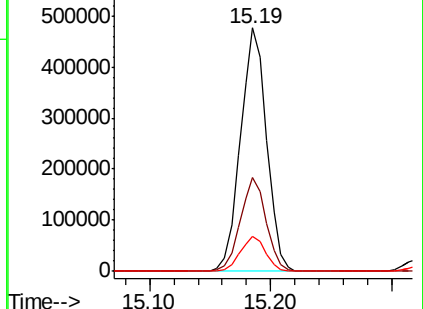
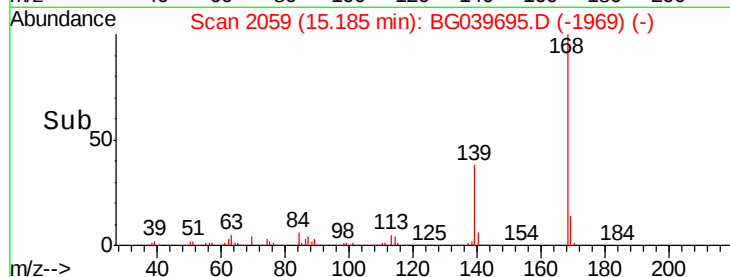
169 14.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 68.560 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

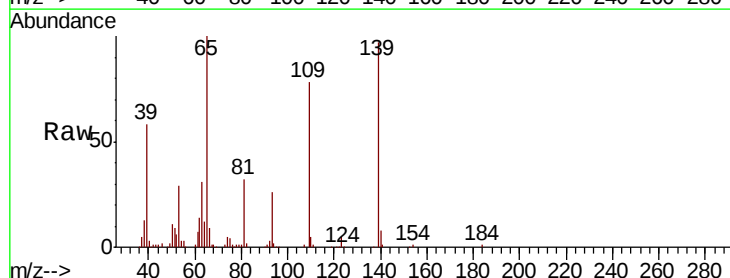
Tgt Ion:139 Resp: 182883

Ion Ratio Lower Upper

139 100

109 80.1 61.9 101.9

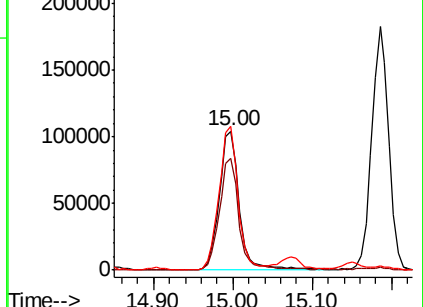
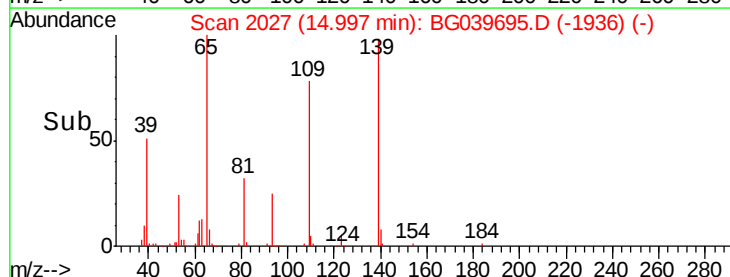
65 103.3 99.1 139.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

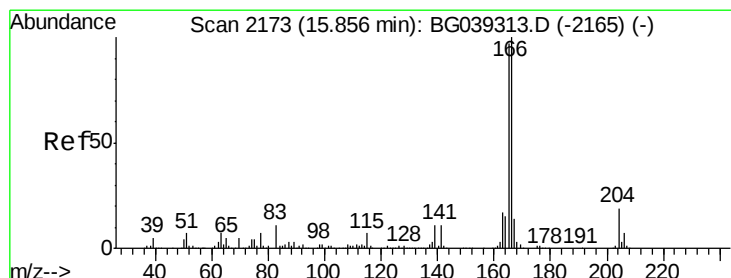
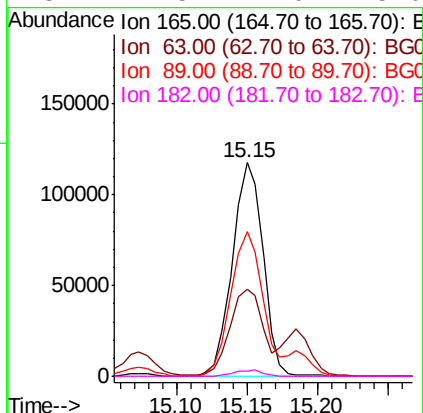
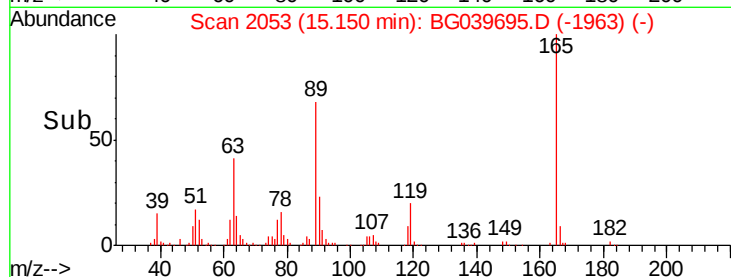
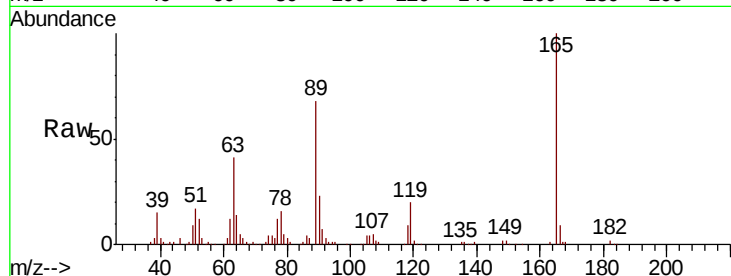




#57
2,4-Dinitrotoluene
Concen: 49.611 ng
RT: 15.15 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

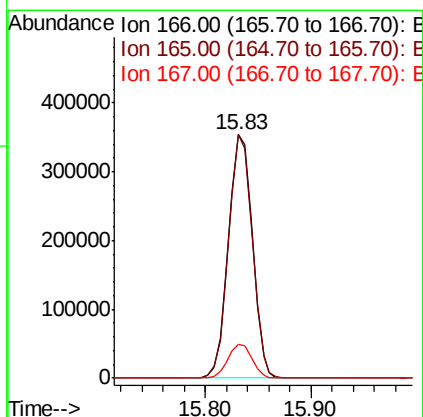
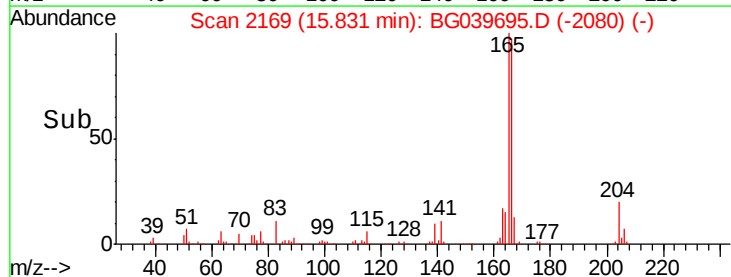
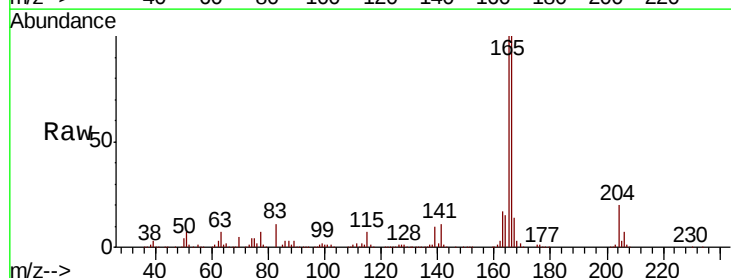
Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:165 Resp: 178661
Ion Ratio Lower Upper
165 100
63 40.9 41.0 61.6#
89 67.7 64.6 96.8
182 2.5 2.0 3.0



#58
Fluorene
Concen: 40.738 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:166 Resp: 552484
Ion Ratio Lower Upper
166 100
165 100.1 77.9 116.9
167 13.9 10.8 16.2

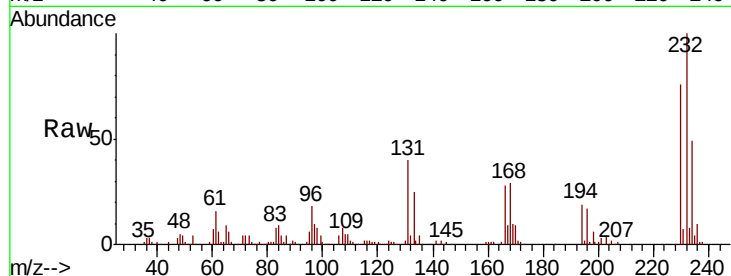




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.970 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. 0.01 min
 Lab File: BG039695.D
 Acq: 1 Mar 2019 20:20

Instrument :
 BNA_G
 ClientSampleId :
 PB117532BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.9	52.3
130	2.5	2.0	3.0
166	29.2	24.1	36.1



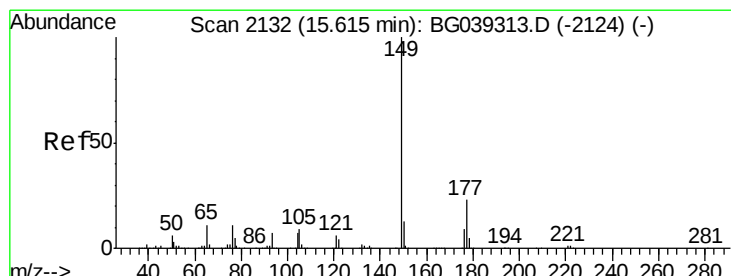
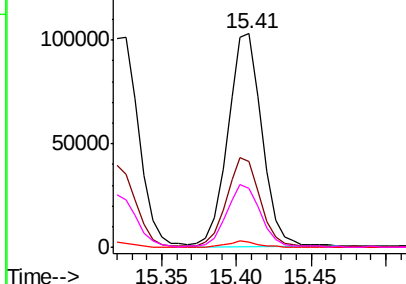
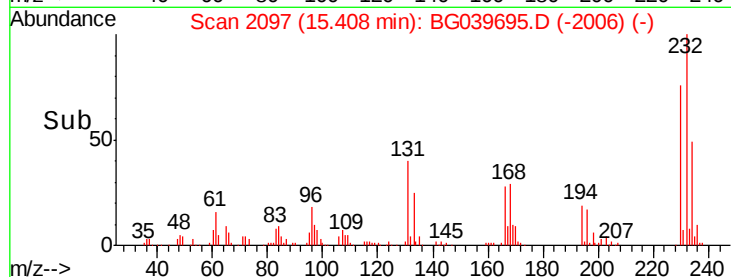
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

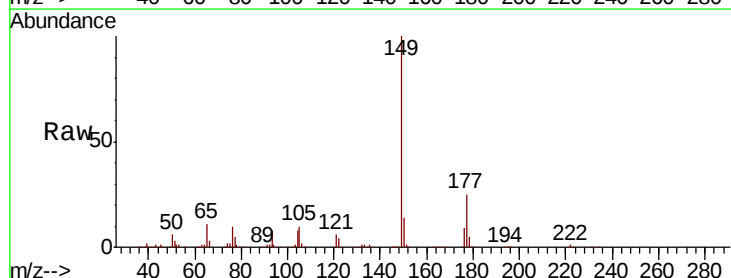
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.725 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG039695.D
 Acq: 1 Mar 2019 20:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.3	27.5
150	13.7	10.2	15.2

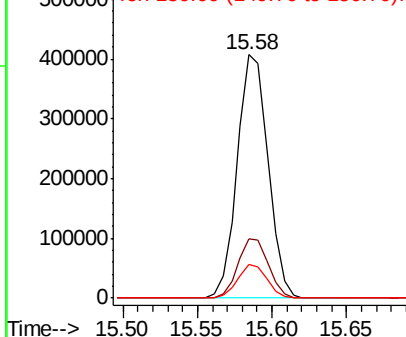
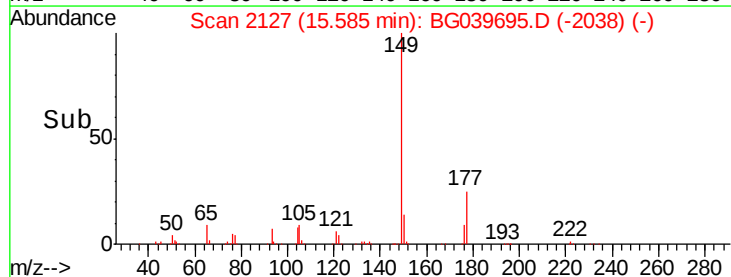


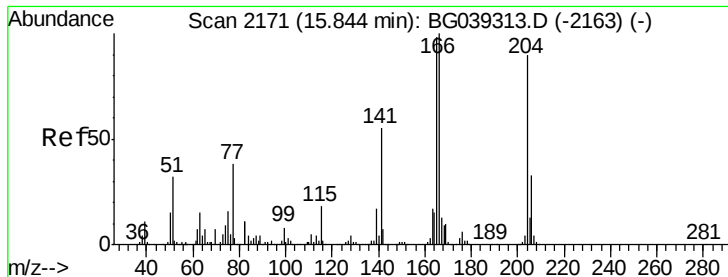
Abundance

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

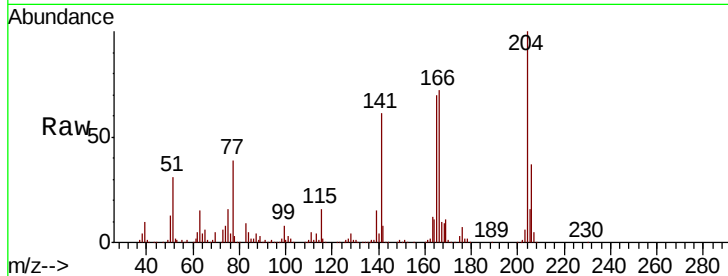




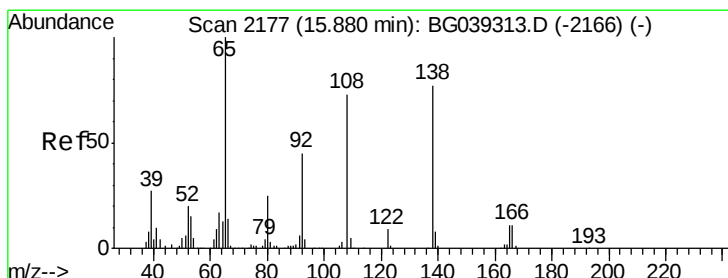
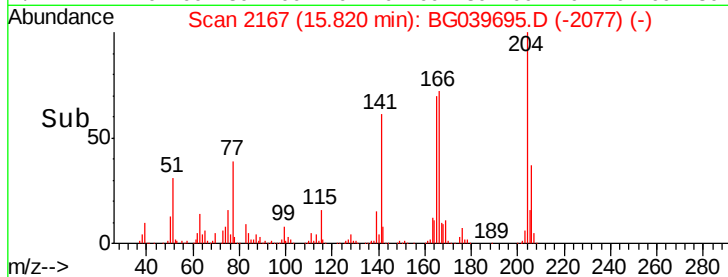
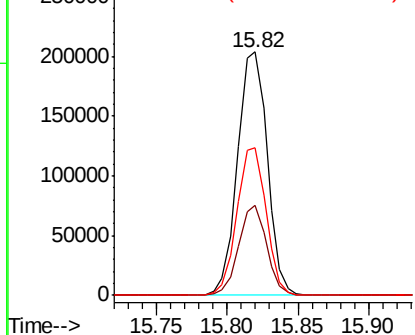
#61
4-Chlorophenyl-phenylether
Concen: 39.064 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:204 Resp: 299979
Ion Ratio Lower Upper
204 100
206 37.0 29.2 43.8
141 60.6 49.0 73.4

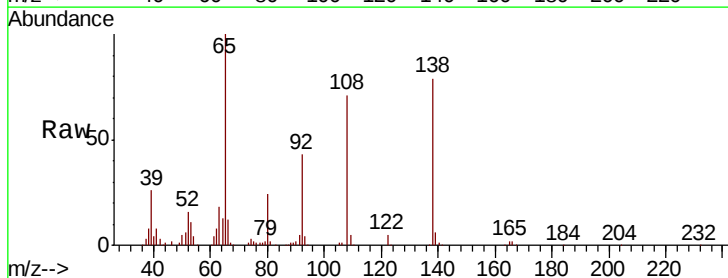


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

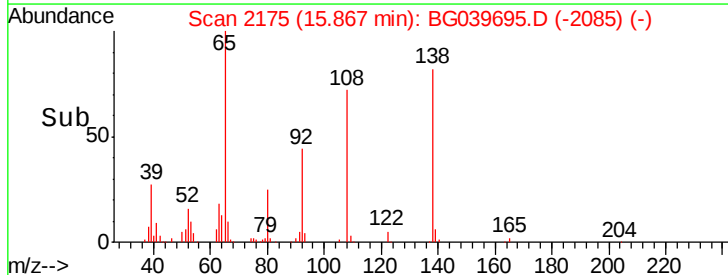
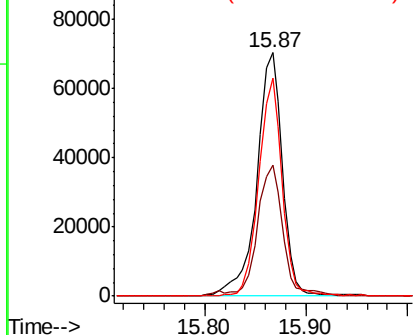


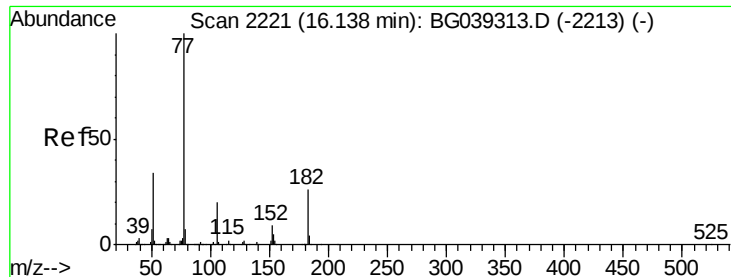
#62
4-Nitroaniline
Concen: 40.040 ng
RT: 15.87 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:138 Resp: 123114
Ion Ratio Lower Upper
138 100
92 54.0 38.7 78.7
108 89.5 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: 34.703 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

Tot Ion: 77 Resp: 524219

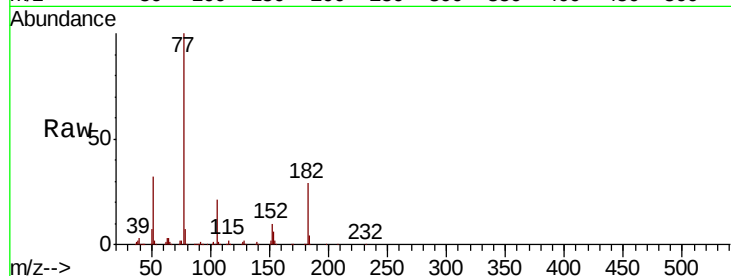
Ion Ratio Lower Upper

77 100

182 28.8 6.4 46.4

105 20.6 0.0 39.8

51 32.1 14.1 54.1

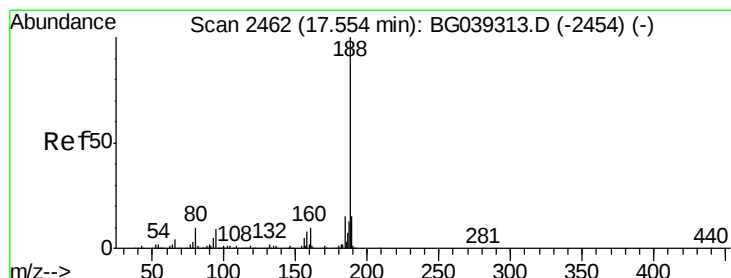
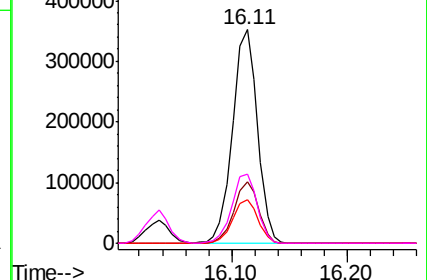
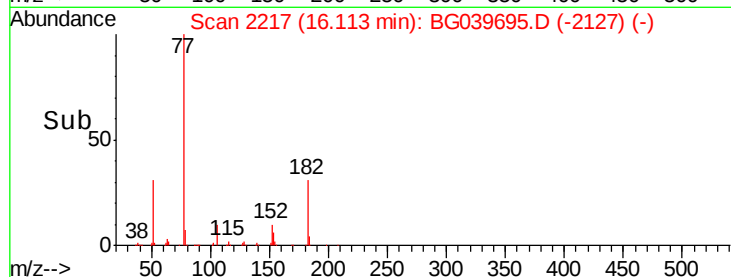


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

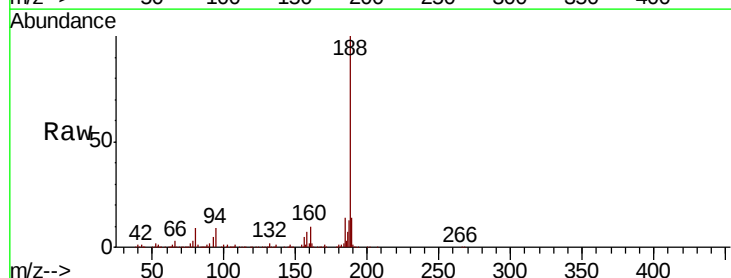
Tgt Ion: 188 Resp: 384560

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

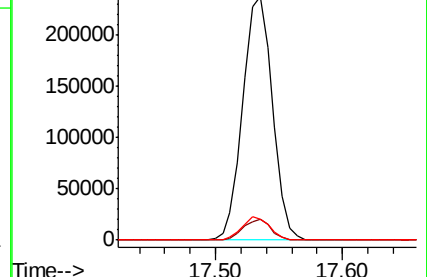
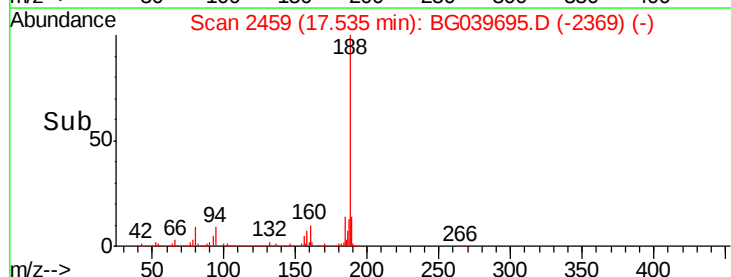
80 8.6 8.1 12.1

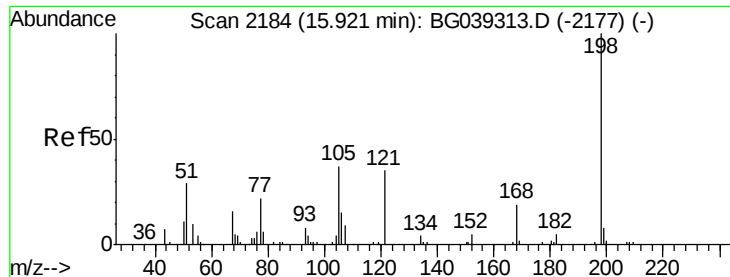


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.669 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

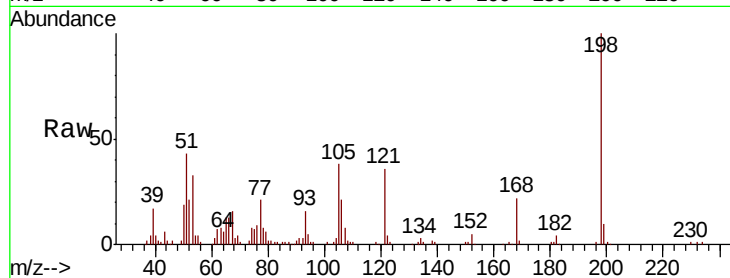
Tot Ion:198 Resp: 72014

Ion Ratio Lower Upper

198 100

51 43.4 27.4 67.4

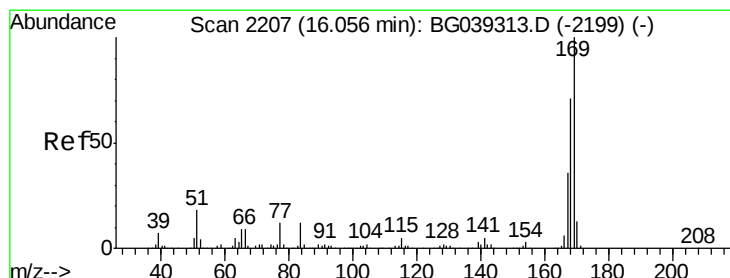
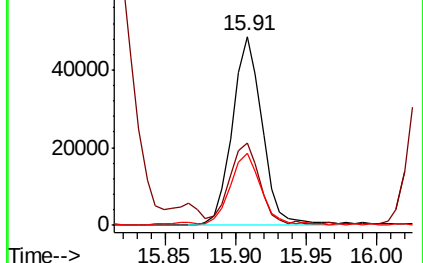
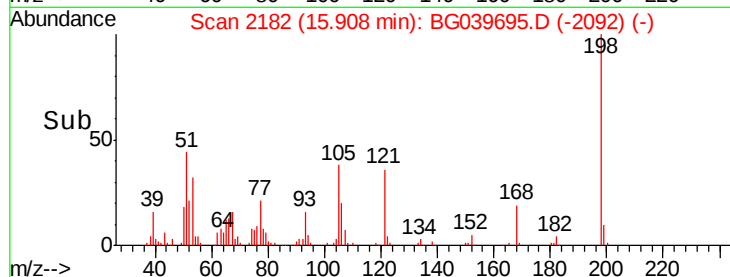
105 37.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.398 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

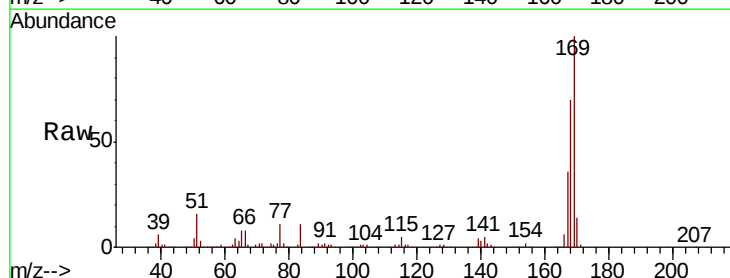
Tgt Ion:169 Resp: 495764

Ion Ratio Lower Upper

169 100

168 70.4 56.6 85.0

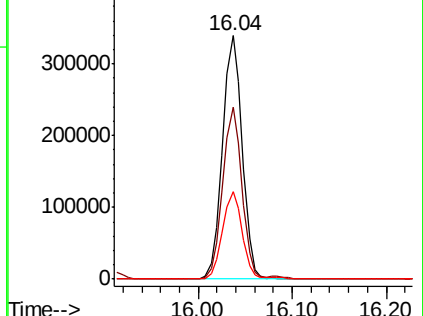
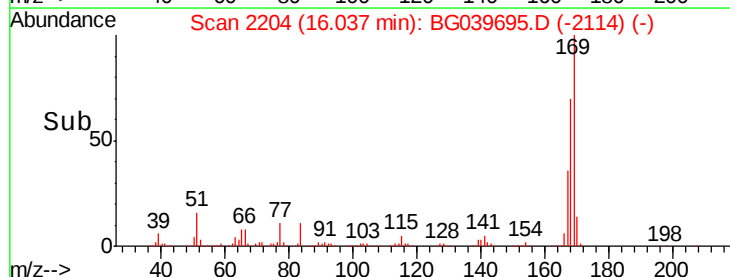
167 36.1 28.8 43.2

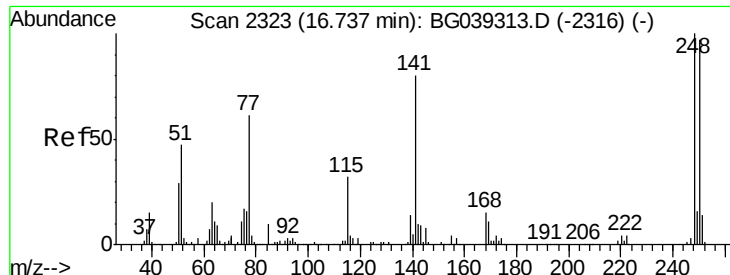


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

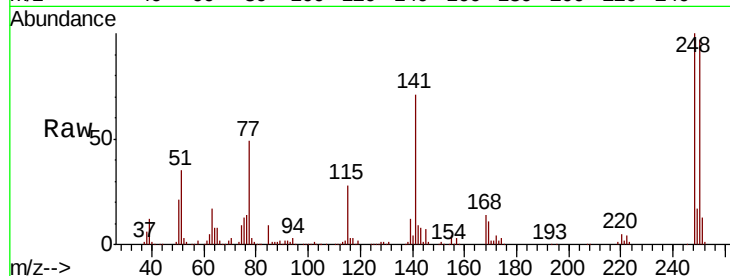




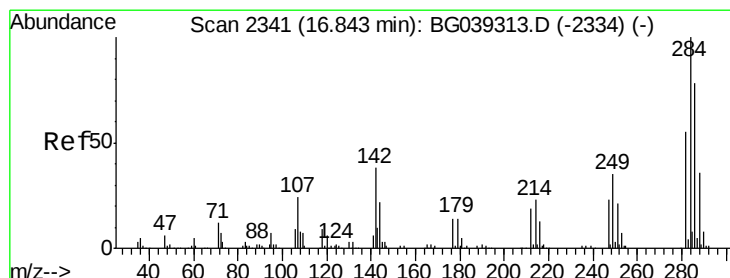
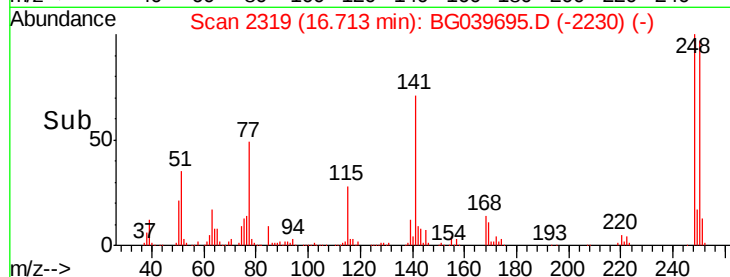
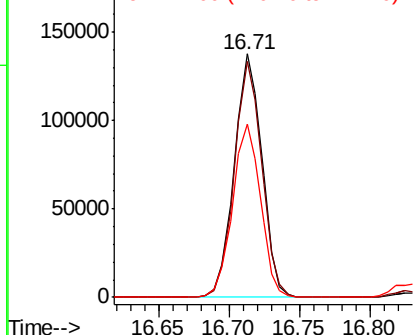
#67
4-Bromophenyl-phenylether
Concen: 44.099 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:248 Resp: 188136
Ion Ratio Lower Upper
248 100
250 96.8 77.6 116.4
141 71.0 63.9 95.9

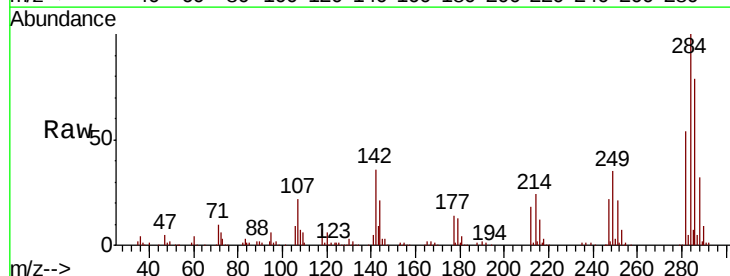


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

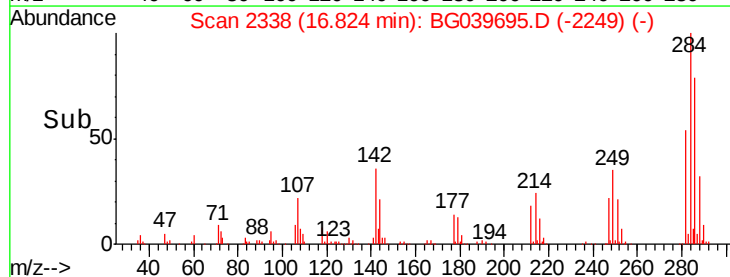
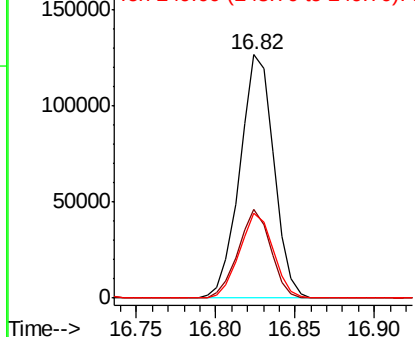


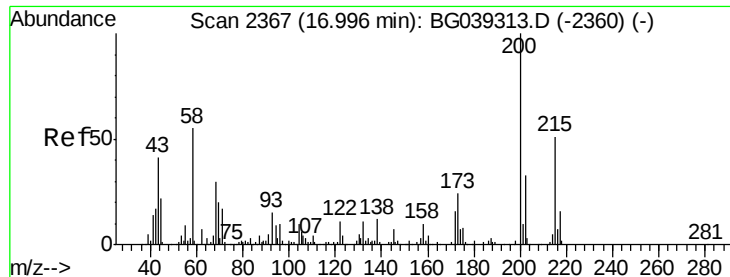
#68
Hexachlorobenzene
Concen: 44.041 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:284 Resp: 188509
Ion Ratio Lower Upper
284 100
142 36.4 30.6 45.8
249 34.7 28.2 42.2



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





#69

Atrazine

Concen: 38.578 ng

RT: 16.97 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

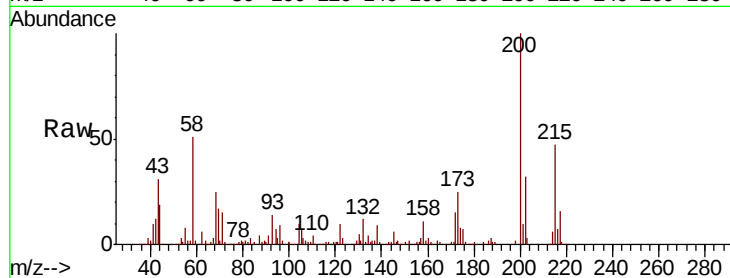
Tot Ion:200 Resp: 164848

Ion Ratio Lower Upper

200 100

173 25.4 3.9 43.9

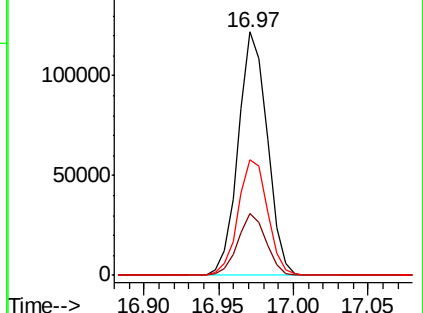
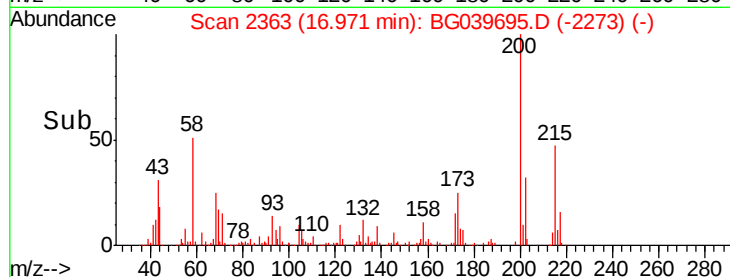
215 47.5 30.9 70.9



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: 71.509 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

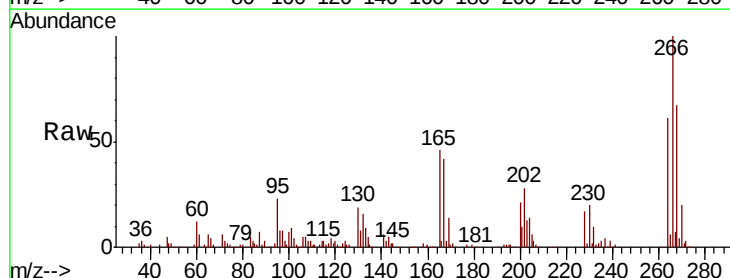
Tgt Ion:266 Resp: 212734

Ion Ratio Lower Upper

266 100

268 66.8 51.1 76.7

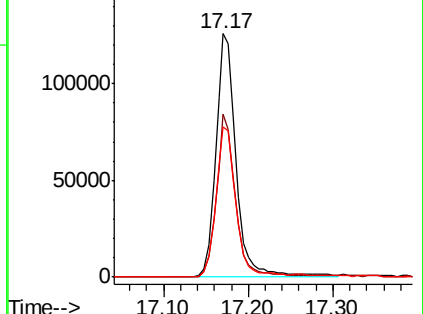
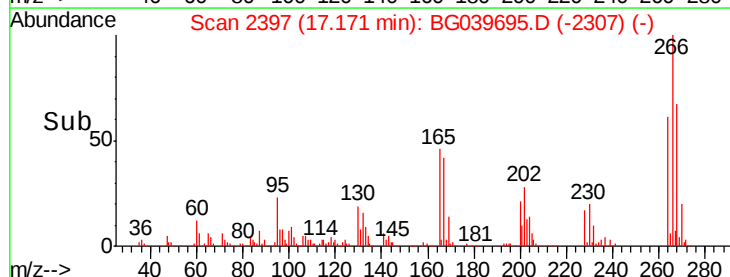
264 61.4 52.1 78.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

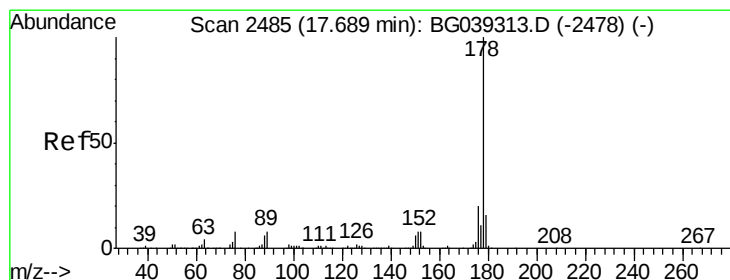
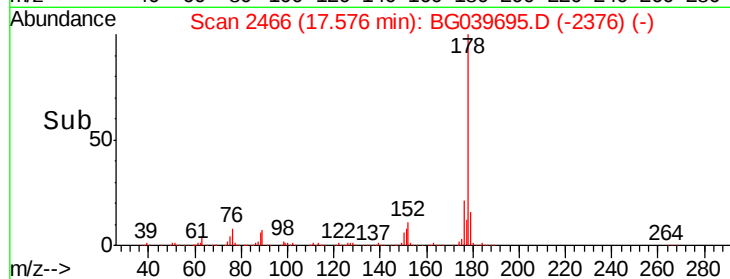
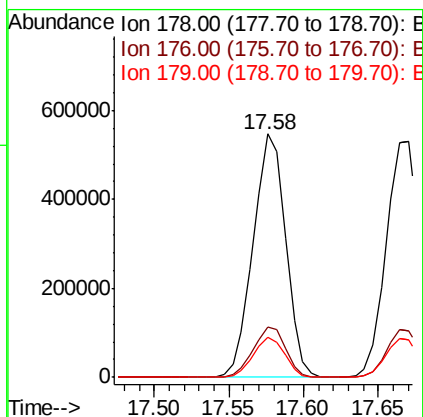
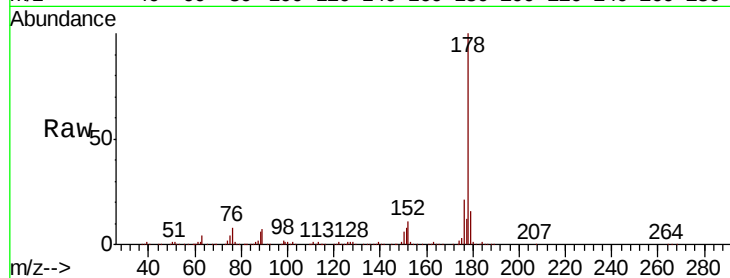




#71
Phenanthrene
Concen: 41.393 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

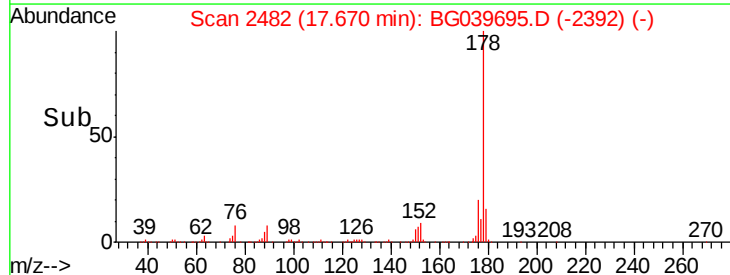
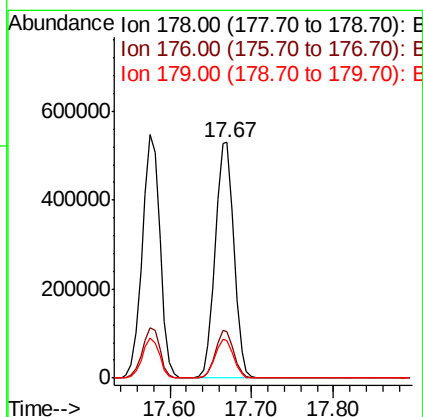
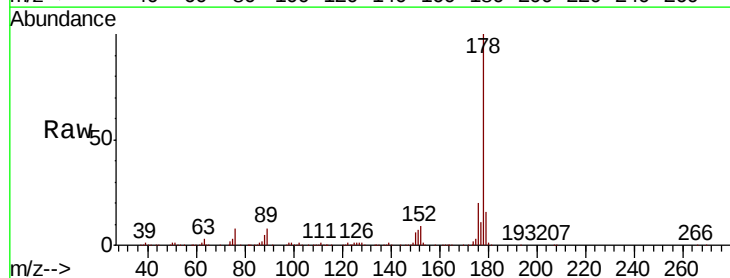
Instrument :
BNA_G
ClientSampleId :
PB117532BS

Tot Ion:178 Resp: 823873
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 43.066 ng
RT: 17.67 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BG039695.D
Acq: 1 Mar 2019 20:20

Tgt Ion:178 Resp: 844320
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.9 12.5 18.7

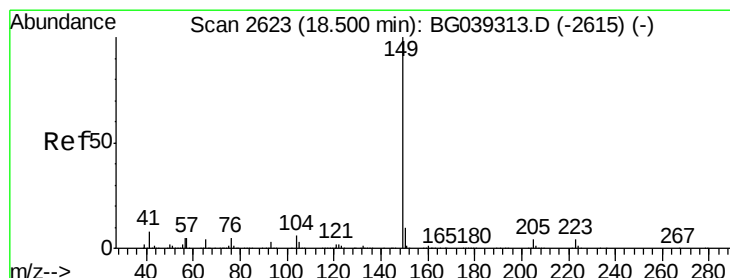
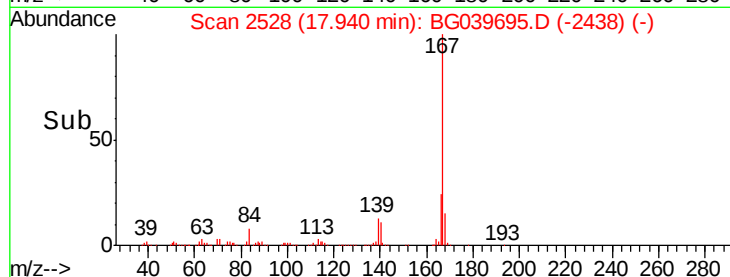
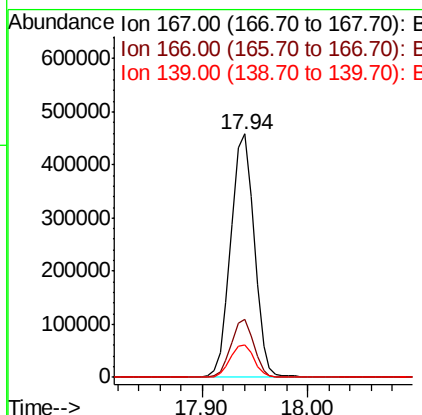
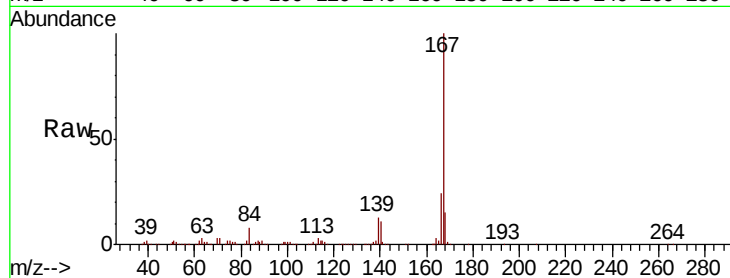




#73
 Carbazole
 Concen: 35.898 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BG039695.D
 Acq: 1 Mar 2019 20:20

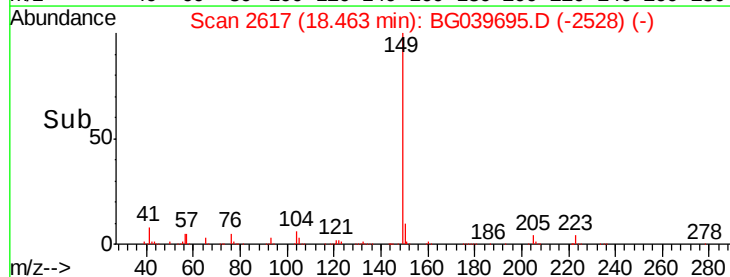
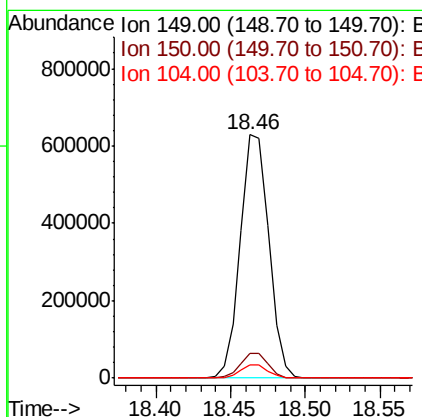
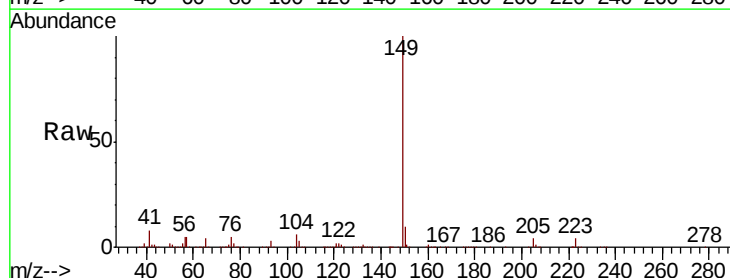
Instrument :
 BNA_G
 ClientSampleId :
 PB117532BS

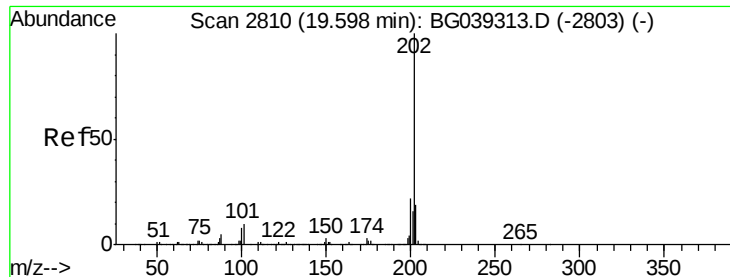
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.4	29.2
139	13.3	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 36.715 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BG039695.D
 Acq: 1 Mar 2019 20:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 40.270 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

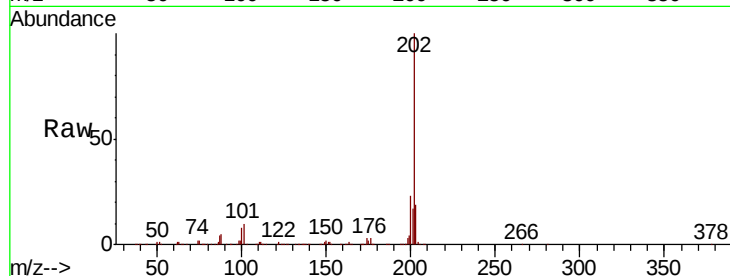
Tot Ion:202 Resp: 930325

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

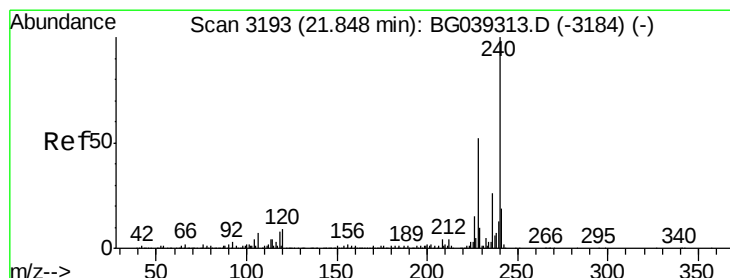
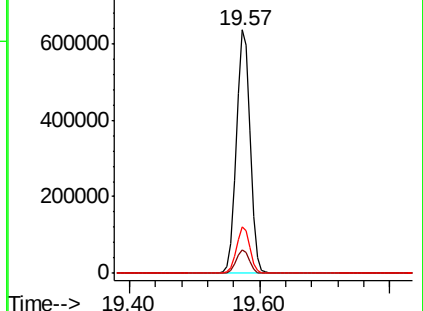
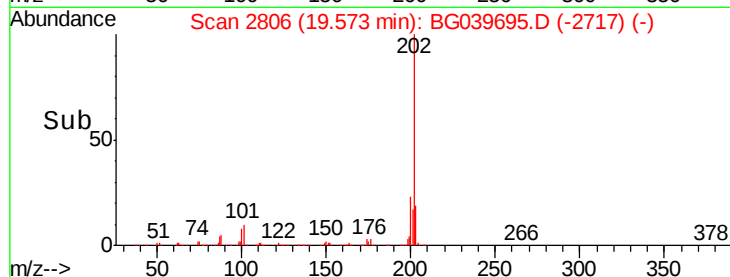
203 19.0 0.0 38.9



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: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

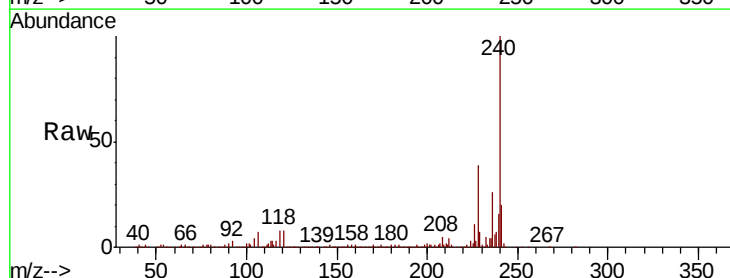
Tgt Ion:240 Resp: 362191

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

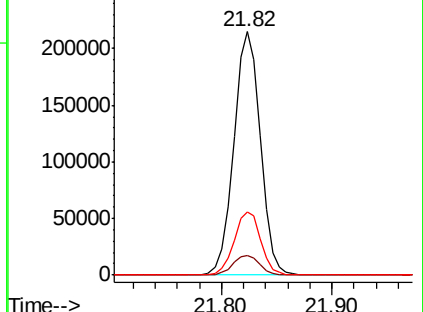
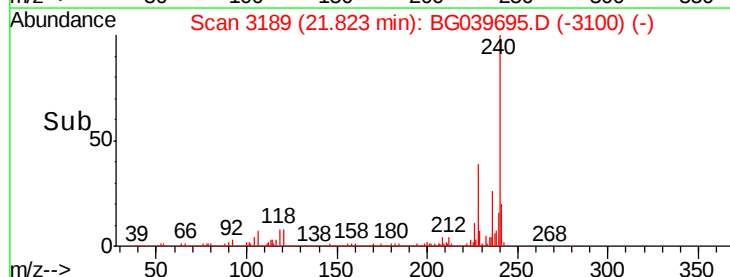
236 26.1 21.0 31.4

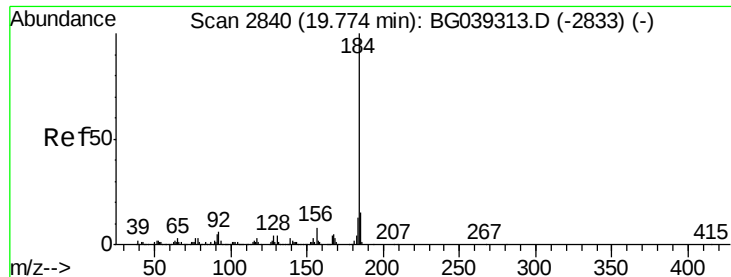


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.118 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

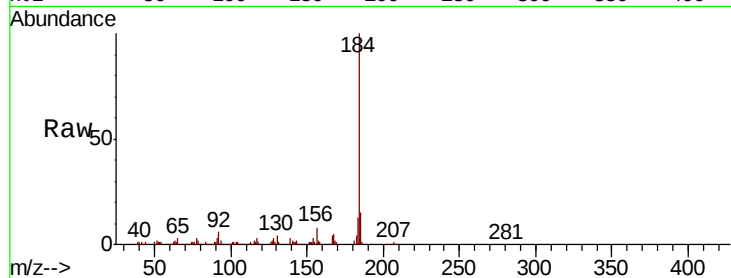
Tot Ion:184 Resp: 179526

Ion Ratio Lower Upper

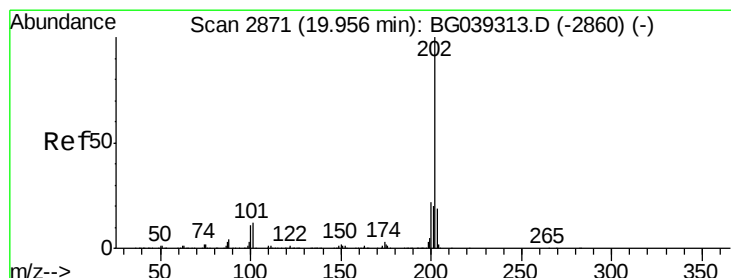
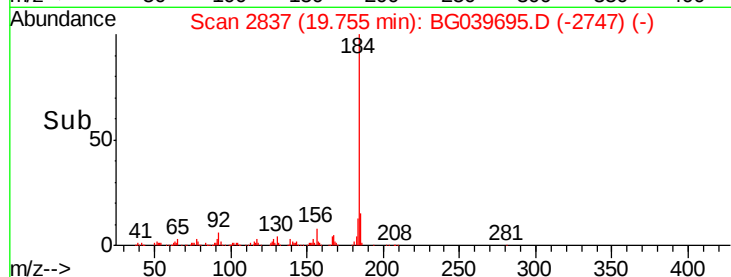
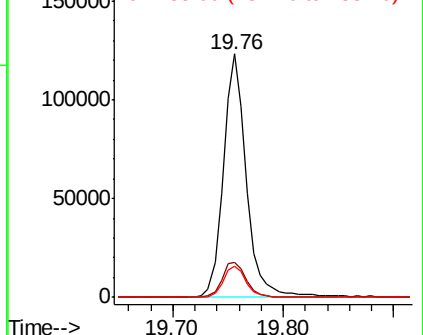
184 100

185 14.6 12.2 18.2

183 12.9 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: 41.484 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

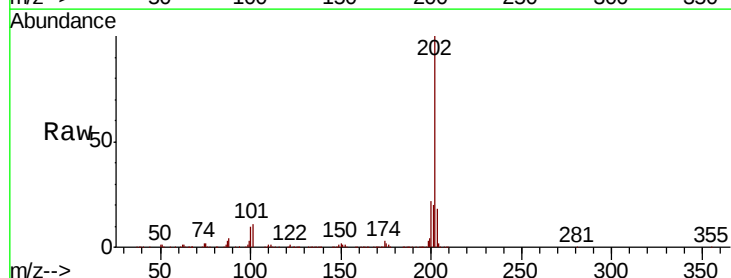
Tgt Ion:202 Resp: 935362

Ion Ratio Lower Upper

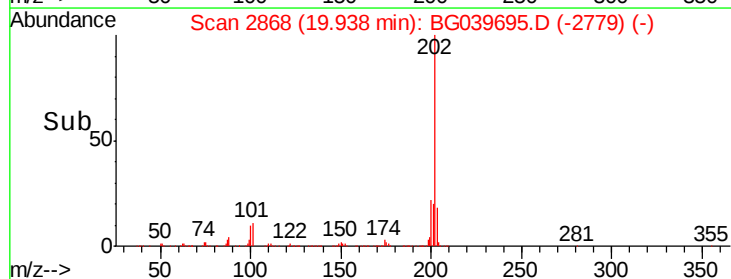
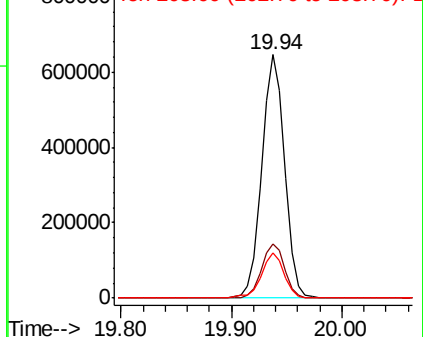
202 100

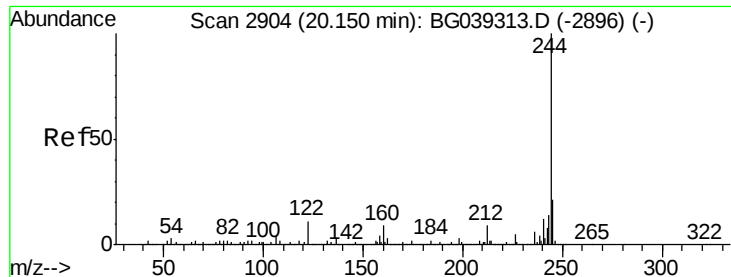
200 22.4 17.8 26.8

203 18.5 15.3 22.9



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





#79

Terphenyl-d14

Concen: 76.358 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

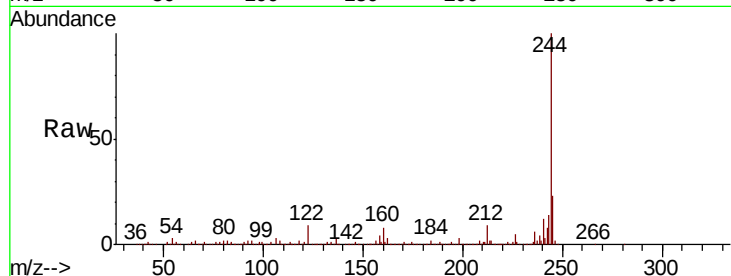
Tot Ion:244 Resp: 1306573

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

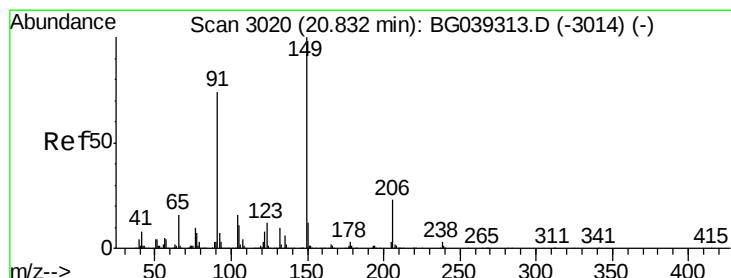
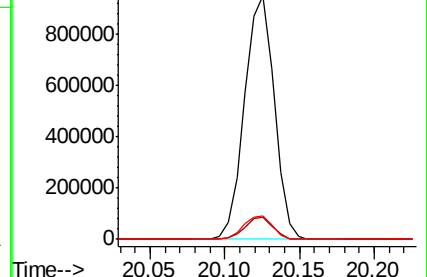
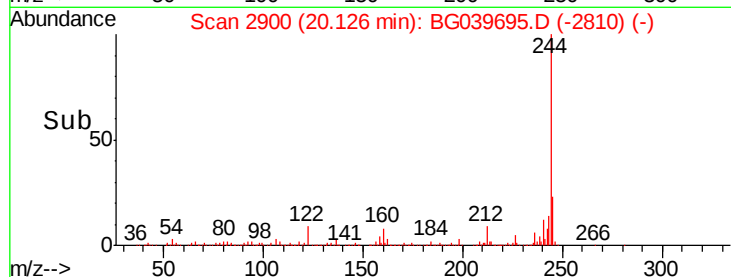
122 9.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.137 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

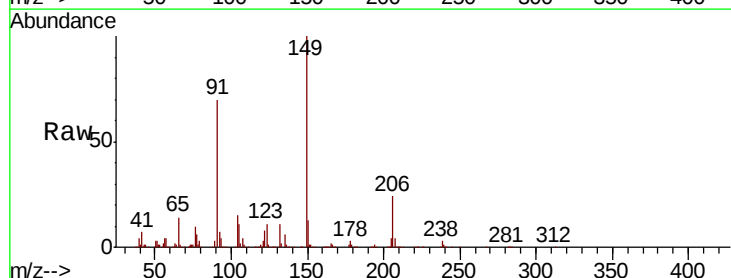
Tgt Ion:149 Resp: 400776

Ion Ratio Lower Upper

149 100

91 70.5 59.5 89.3

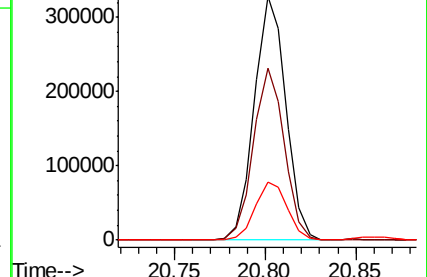
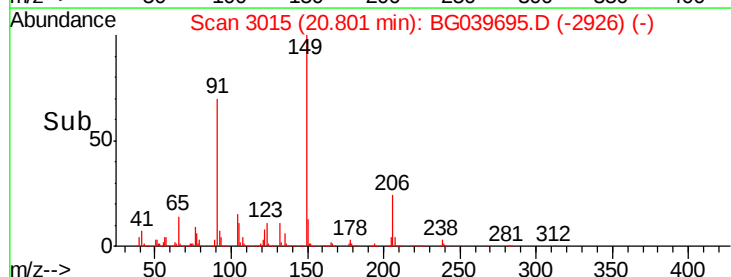
206 23.9 18.6 27.8

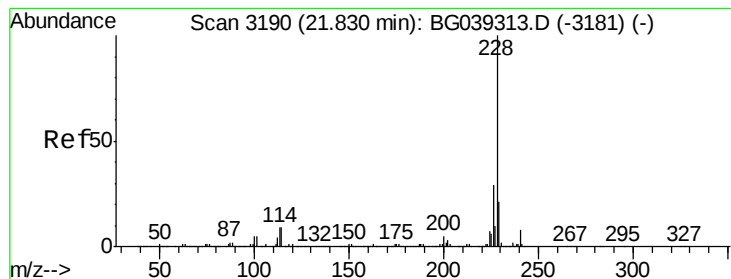


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.281 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

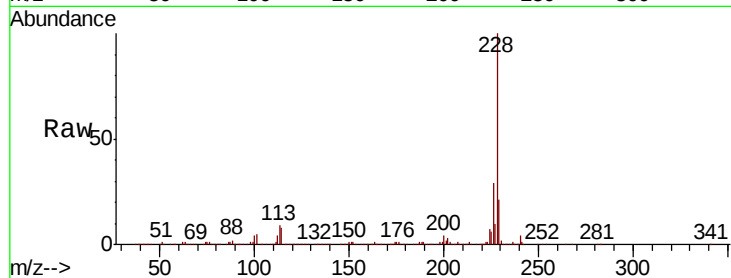
Tot Ion:228 Resp: 926288

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.2	16.9	25.3

228 100

226 29.2 23.0 34.6

229 21.2 16.9 25.3

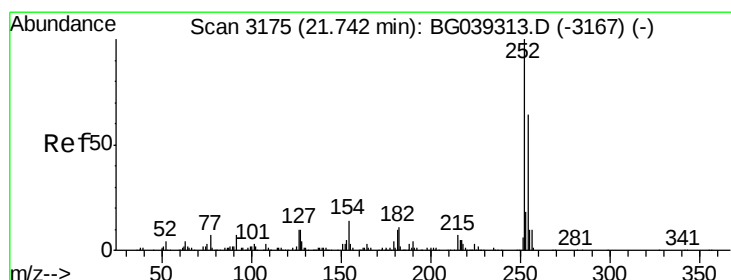
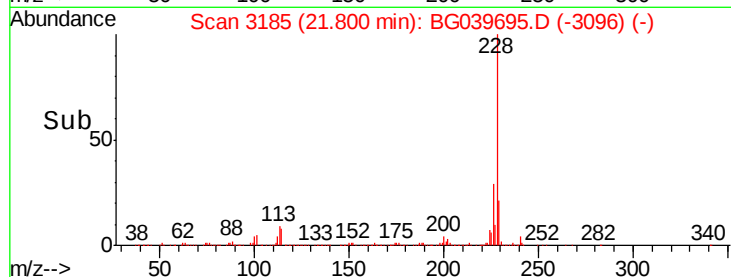
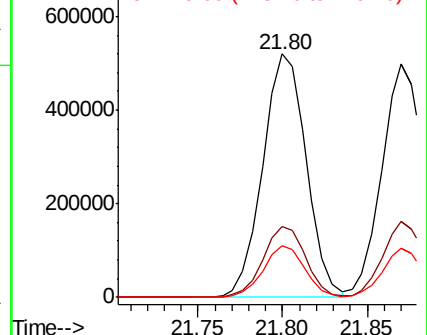


Abundance

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: 20.279 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

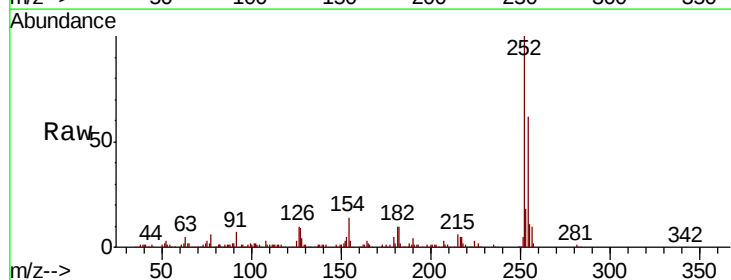
Tgt Ion:252 Resp: 160929

Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.3	76.9
126	10.3	8.0	12.0

252 100

254 62.4 51.3 76.9

126 10.3 8.0 12.0

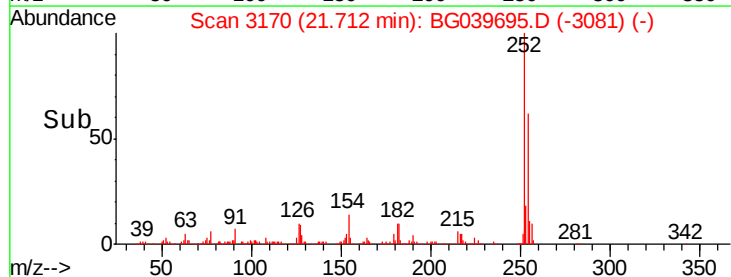
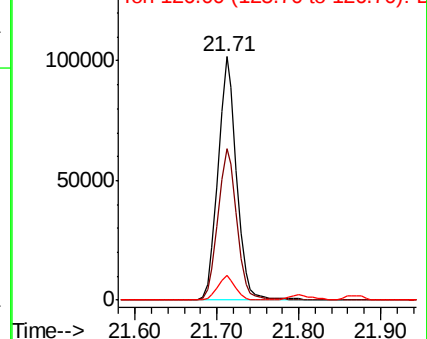


Abundance

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: 42.264 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

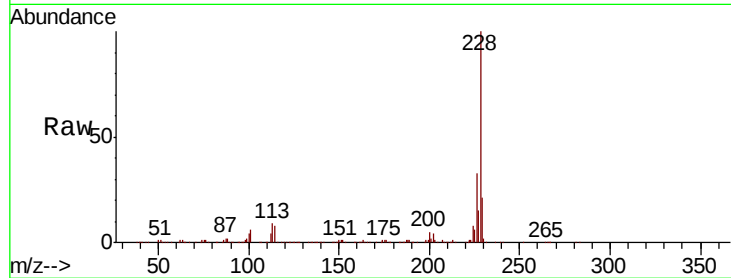
Tot Ion:228 Resp: 861044

Ion Ratio Lower Upper

228 100

226 32.6 25.8 38.6

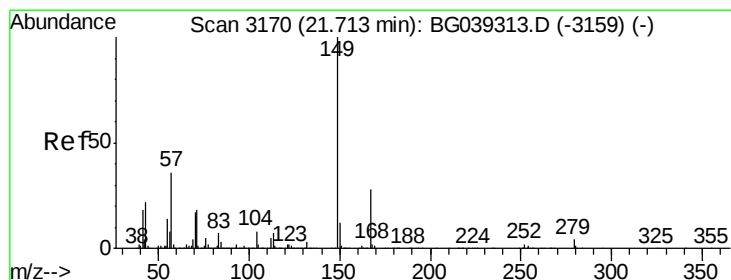
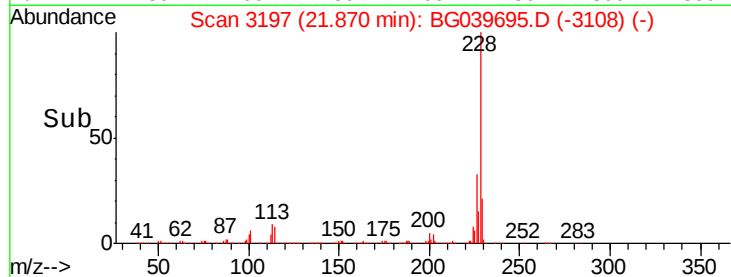
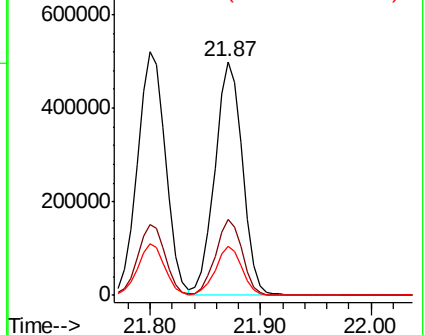
229 21.0 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.292 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

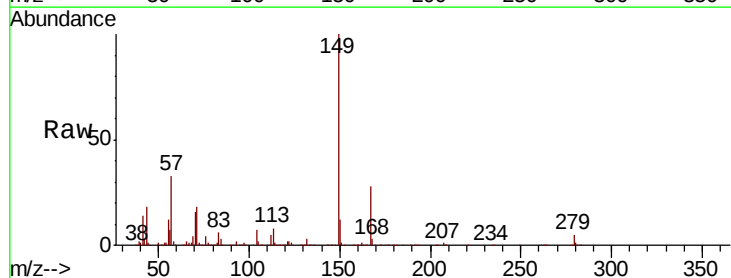
Tgt Ion:149 Resp: 560305

Ion Ratio Lower Upper

149 100

167 28.5 22.6 34.0

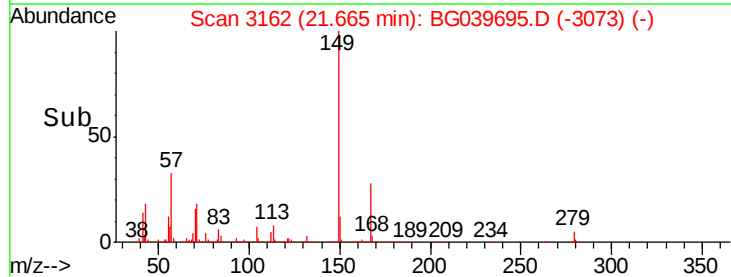
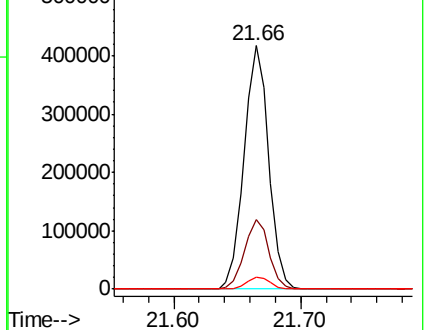
279 4.9 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.501 ng

RT: 22.92 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

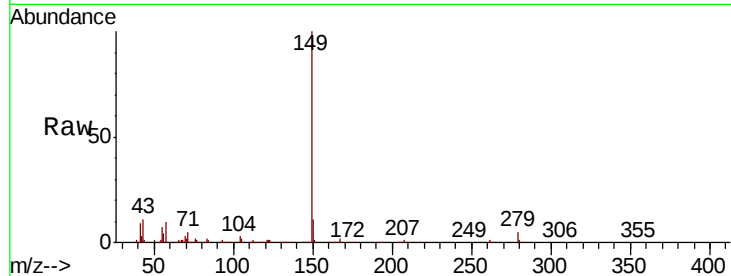
Tot Ion:149 Resp: 952774

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

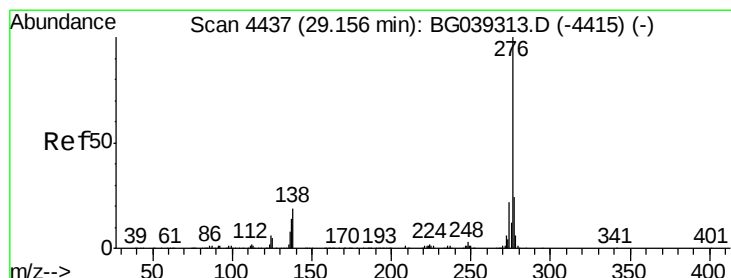
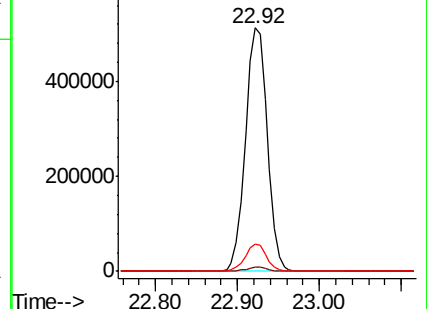
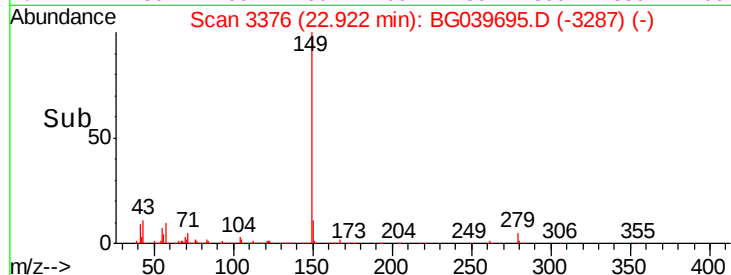
43 10.9 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.730 ng

RT: 29.08 min Scan# 4425

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

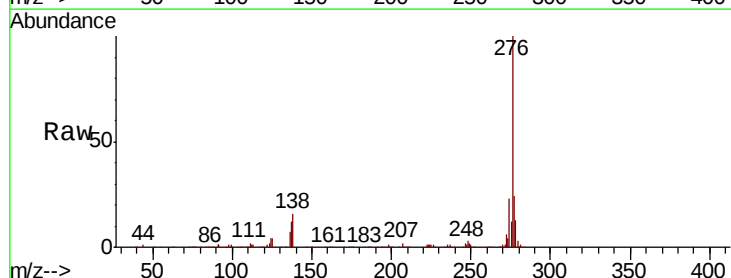
Tgt Ion:276 Resp: 1021451

Ion Ratio Lower Upper

276 100

138 14.0 12.6 19.0

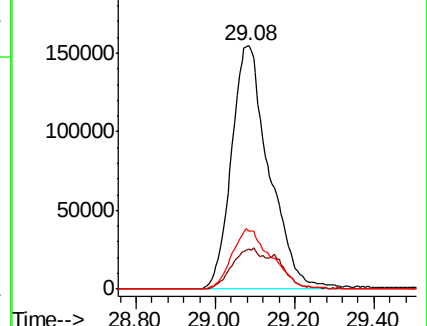
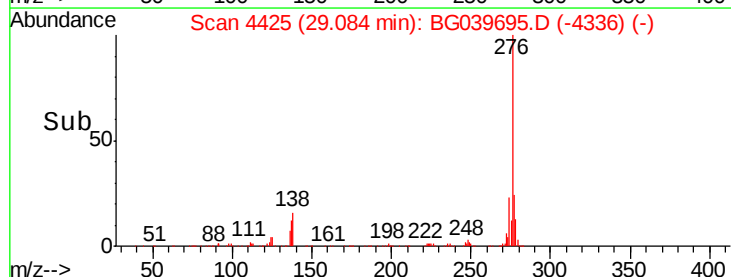
277 25.7 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3763

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

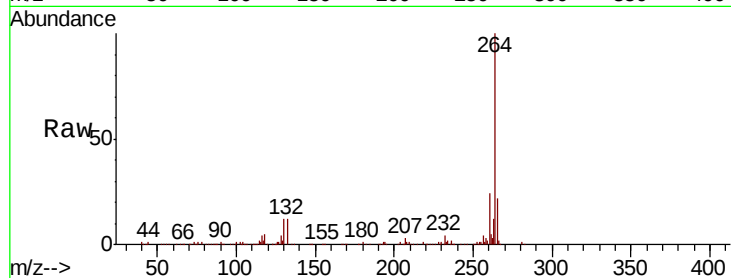
Tot Ion:264 Resp: 371517

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

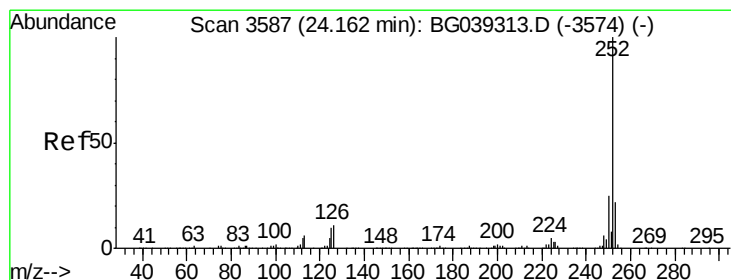
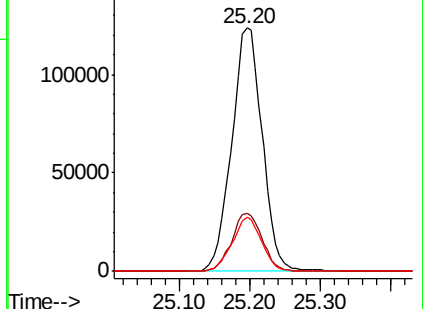
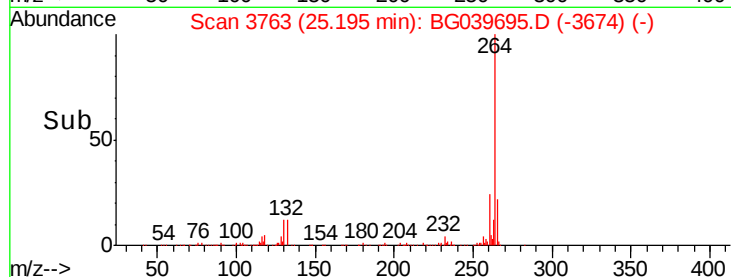
265 22.3 18.5 27.7



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: 44.420 ng

RT: 24.11 min Scan# 3579

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

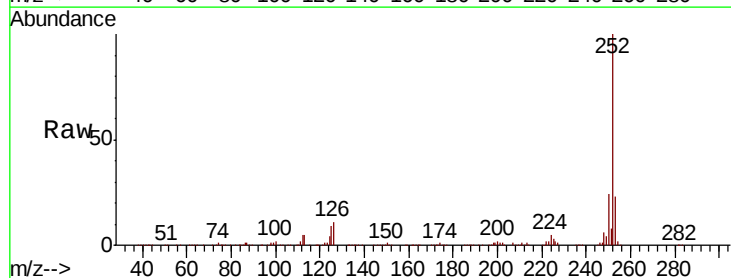
Tgt Ion:252 Resp: 899987

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

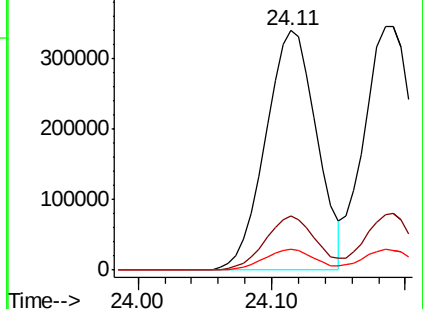
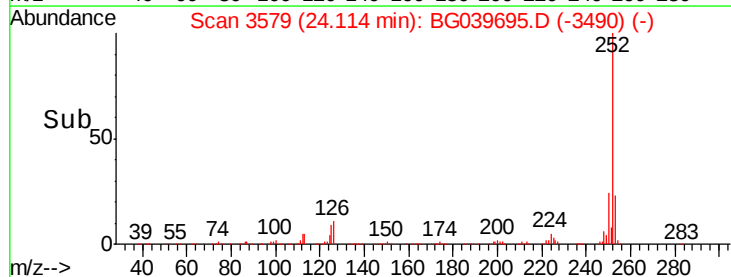
125 8.8 7.8 11.6



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: 43.320 ng

RT: 24.19 min Scan# 3592

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

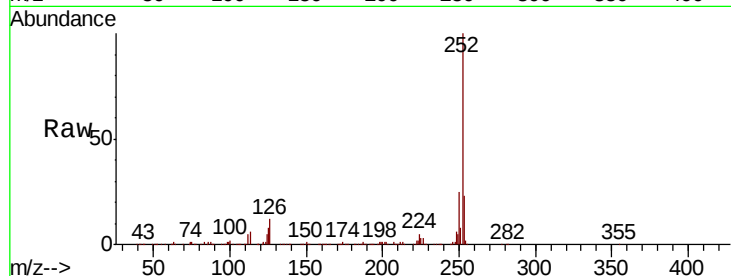
Tot Ion:252 Resp: 881191

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

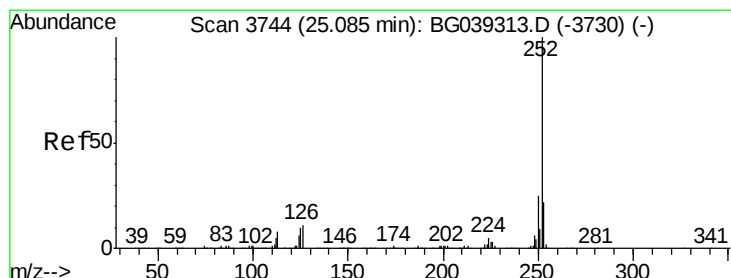
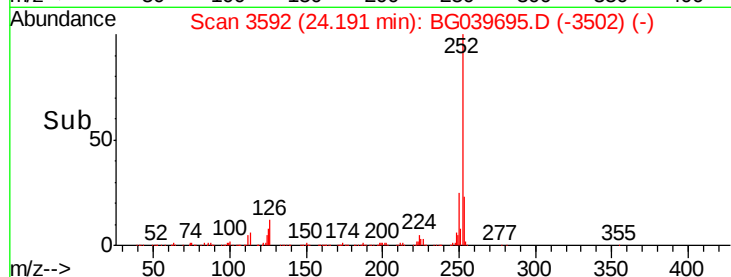
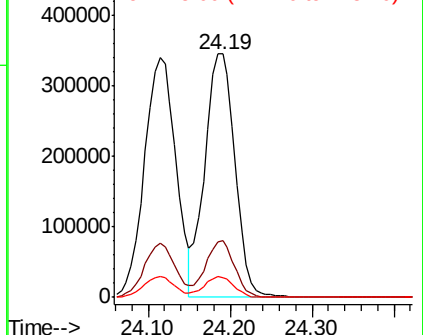
125 7.9 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.138 ng

RT: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

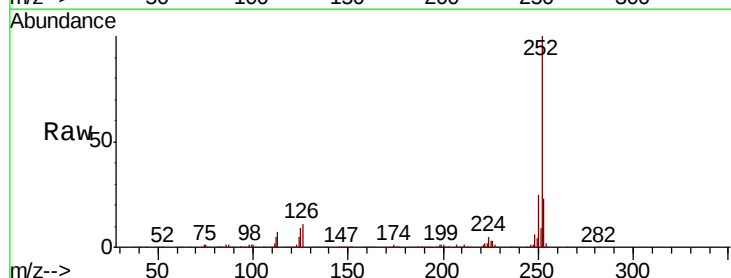
Tgt Ion:252 Resp: 880772

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

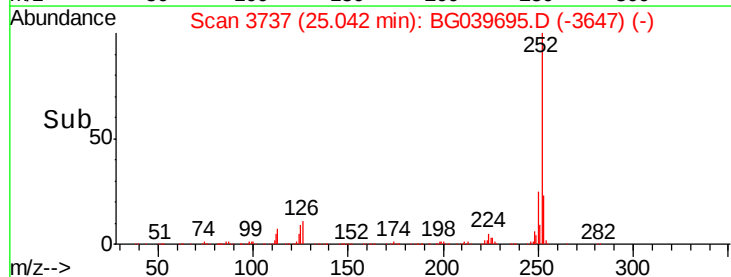
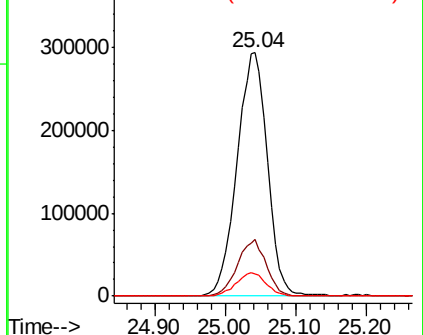
125 8.9 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.508 ng

RT: 29.15 min Scan# 4437

Delta R.T. 0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

Instrument :

BNA_G

ClientSampleId :

PB117532BS

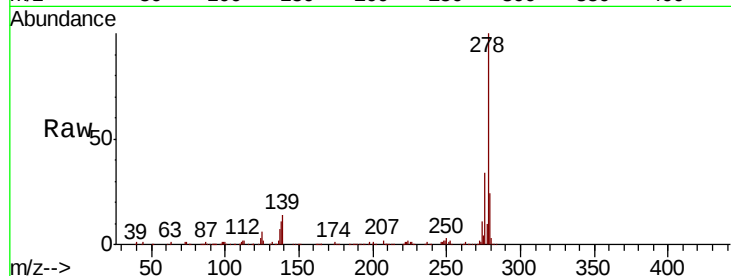
Tot Ion:278 Resp: 831591

Ion Ratio Lower Upper

278 100

139 13.8 11.7 17.5

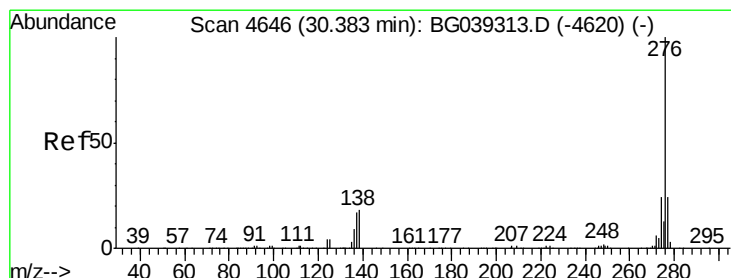
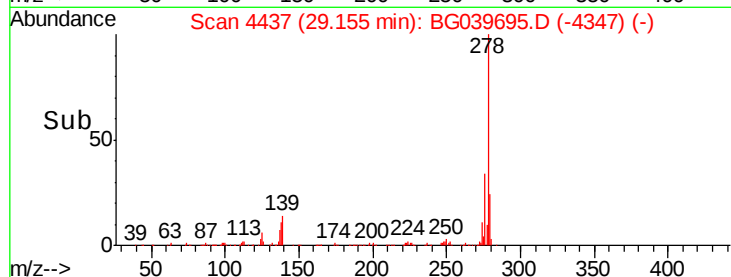
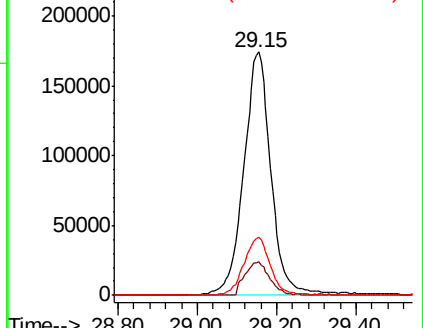
279 23.6 19.1 28.7



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: 45.490 ng

RT: 30.31 min Scan# 4633

Delta R.T. -0.00 min

Lab File: BG039695.D

Acq: 1 Mar 2019 20:20

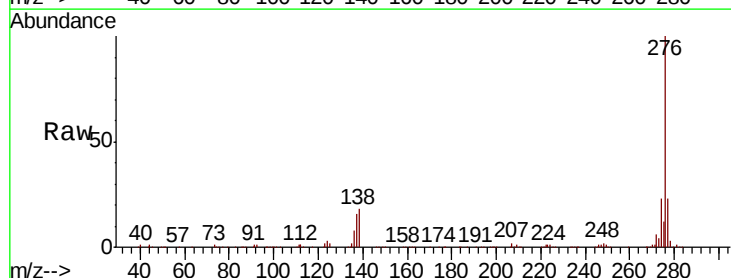
Tgt Ion:276 Resp: 828544

Ion Ratio Lower Upper

276 100

277 22.9 19.6 29.4

138 17.7 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

