

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039693.D
 Acq On : 1 Mar 2019 19:02
 Operator : JU/SJ
 Sample : PB117428BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Quant Time: Mar 02 03:12:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	51845	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	234852	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	151357	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	326192	20.00	ng	0.00
76) Chrysene-d12	21.82	240	331524	20.00	ng	0.00
87) Perylene-d12	25.20	264	334723	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	455763	150.46	ng	0.00
7) Phenol-d6	7.31	99	631417	141.61	ng	0.00
23) Nitrobenzene-d5	9.34	82	340794	90.65	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	209342	128.44	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	811984	76.96	ng	0.00
79) Terphenyl-d14	20.12	244	1165647	74.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	53446	40.335	ng	98
3) Pyridine	4.00	79	139186	39.674	ng	97
4) n-Nitrosodimethylamine	3.92	42	74807	42.637	ng	87
6) Aniline	7.49	93	167674	30.022	ng	99
8) 2-Chlorophenol	7.72	128	165877	50.096	ng	97
9) Benzaldehyde	7.31	77	118788	62.776	ng	95
10) Phenol	7.34	94	224975	48.402	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	152600	41.548	ng	99
12) 1,3-Dichlorobenzene	8.05	146	165833	41.342	ng	96
13) 1,4-Dichlorobenzene	8.20	146	171080	42.790	ng	99
14) 1,2-Dichlorobenzene	8.52	146	162771	42.055	ng	100
15) Benzyl Alcohol	8.41	79	156841	44.804	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	301423	36.342	ng	99
17) 2-Methylphenol	8.60	107	145628	48.415	ng	96
18) Hexachloroethane	9.25	117	58510	42.537	ng	100
19) n-Nitroso-di-n-propylamine	8.97	70	124873	39.457	ng	91
20) 3+4-Methylphenols	8.93	107	198042	47.813	ng	99
22) Acetophenone	8.99	105	240020	38.047	ng	# 94
24) Nitrobenzene	9.39	77	188251	46.352	ng	96
25) Isophorone	9.90	82	360102	43.226	ng	98
26) 2-Nitrophenol	10.10	139	94114	56.076	ng	96
27) 2,4-Dimethylphenol	10.14	122	170823	50.690	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	220076	42.890	ng	99
29) 2,4-Dichlorophenol	10.63	162	178325	48.417	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	175810	42.517	ng	96
31) Naphthalene	11.04	128	504015	43.260	ng	99
32) Benzoic acid	10.26	122	75034	36.633	ng	98
33) 4-Chloroaniline	11.15	127	110096	20.380	ng	99
34) Hexachlorobutadiene	11.30	225	114279	41.557	ng	94
35) Caprolactam	11.93	113	54737	35.914	ng	99
36) 4-Chloro-3-methylphenol	12.25	107	181594	42.632	ng	98
37) 2-Methylnaphthalene	12.63	142	376304	43.608	ng	99
38) 1-Methylnaphthalene	12.85	142	360414	43.328	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	208275	43.249	ng	99

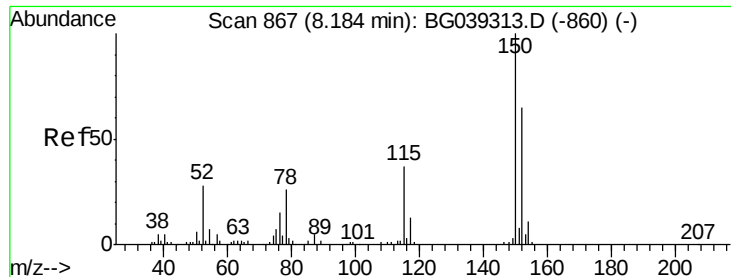
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039693.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	276580	105.397	nq	98
43) 2,4,6-Trichlorophenol	13.22	196	139037	46.957	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	146884	47.331	nq	98
46) 1,1'-Biphenyl	13.63	154	504427	40.055	nq	99
47) 2-Chloronaphthalene	13.67	162	389198	41.082	nq	98
48) 2-Nitroaniline	13.88	65	128799	47.444	nq	93
49) Acenaphthylene	14.51	152	608111	42.540	nq	98
50) Dimethylphthalate	14.24	163	488824	39.988	nq	99
51) 2,6-Dinitrotoluene	14.37	165	109575	47.967	nq	96
52) Acenaphthene	14.86	154	369256	39.794	nq	95
53) 3-Nitroaniline	14.70	138	73166	31.891	nq	# 89
54) 2,4-Dinitrophenol	14.90	184	58675	64.300	nq	95
55) Dibenzofuran	15.18	168	594210	39.940	nq	98
56) 4-Nitrophenol	15.00	139	159676	72.805	nq	93
57) 2,4-Dinitrotoluene	15.15	165	148967	50.430	nq	89
58) Fluorene	15.83	166	455483	41.069	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	134335	46.232	nq	96
60) Diethylphthalate	15.58	149	473728	37.482	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	247868	39.470	nq	97
62) 4-Nitroaniline	15.87	138	109008	43.004	nq	94
63) Azobenzene	16.11	77	432313	34.996	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	60847	47.538	nq	95
66) n-Nitrosodiphenylamine	16.04	169	414120	41.753	nq	97
67) 4-Bromophenyl-phenylether	16.71	248	154021	42.562	nq	95
68) Hexachlorobenzene	16.83	284	157162	43.287	nq	95
69) Atrazine	16.97	200	154411	42.601	nq	96
70) Pentachlorophenol	17.18	266	178315	70.665	nq	96
71) Phenanthrene	17.57	178	715373	42.373	nq	98
72) Anthracene	17.67	178	726927	43.713	nq	99
73) Carbazole	17.94	167	640852	38.615	nq	99
74) Di-n-butylphthalate	18.47	149	760007	39.254	nq	100
75) Fluoranthene	19.58	202	861989	43.989	nq	98
77) Benzidine	19.75	184	346271	31.858	nq	98
78) Pyrene	19.94	202	855739	41.464	nq	98
80) Butylbenzylphthalate	20.81	149	373283	42.877	nq	93
81) Benzo(a)anthracene	21.80	228	829716	42.355	nq	100
82) 3,3'-Dichlorobenzidine	21.71	252	206567	28.438	nq	97
83) Chrysene	21.87	228	807385	43.296	nq	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	522575	42.074	nq	99
85) Di-n-octyl phthalate	22.92	149	887773	43.265	nq	95
86) Indeno(1,2,3-cd)pyrene	29.08	276	931248	46.544	nq	98
88) Benzo(b)fluoranthene	24.11	252	829730	45.454	nq	98
89) Benzo(k)fluoranthene	24.19	252	822119	44.859	nq	99
90) Benzo(a)pyrene	25.04	252	821784	46.745	nq	98
91) Dibenzo(a,h)anthracene	29.15	278	761073	46.227	nq	99
92) Benzo(g,h,i)perylene	30.31	276	758398	46.216	nq	99

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

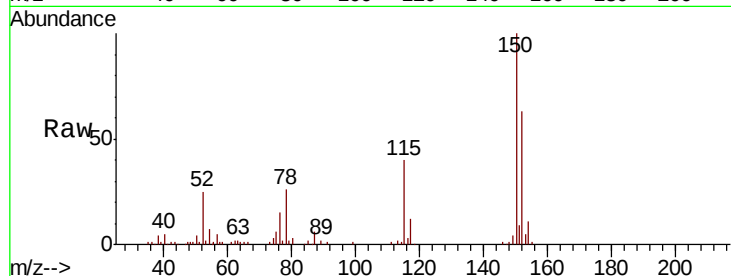


#1

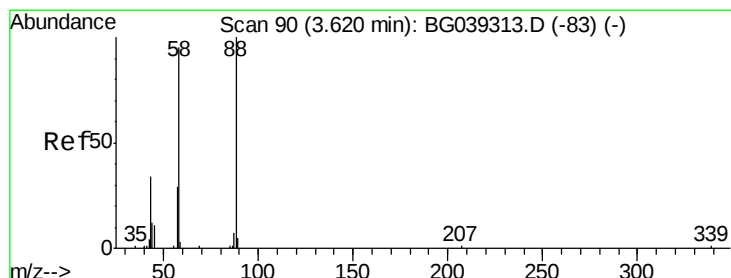
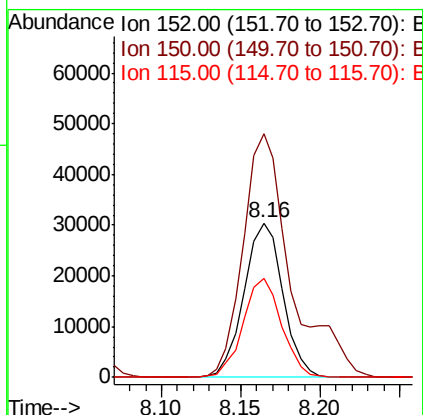
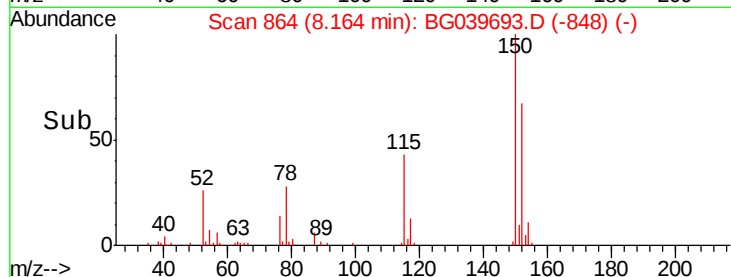
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion:152 Resp: 51845
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 63.9 45.9 68.9



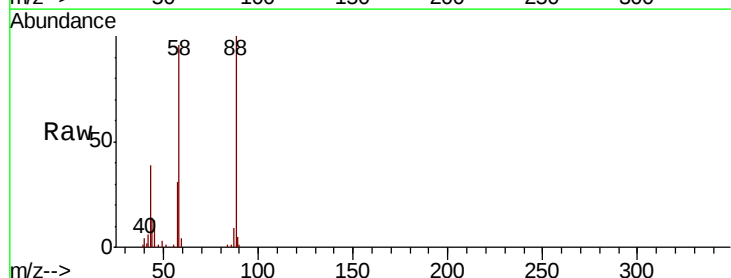
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



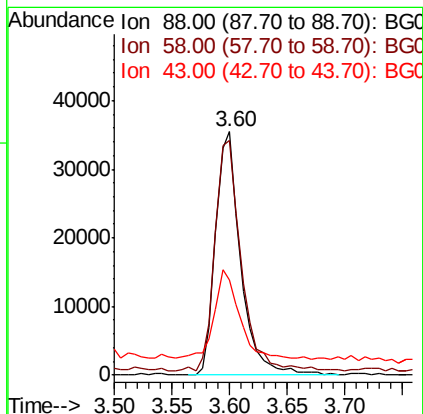
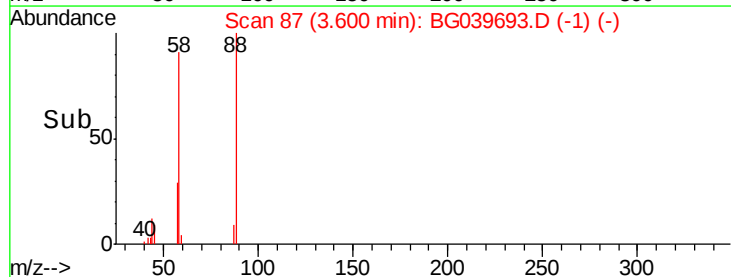
#2

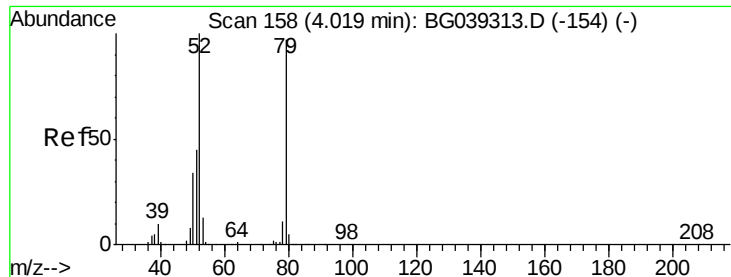
1,4-Dioxane
Concen: 40.335 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion: 88 Resp: 53446
Ion Ratio Lower Upper
88 100
58 100.1 81.1 121.7
43 37.6 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: 39.674 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

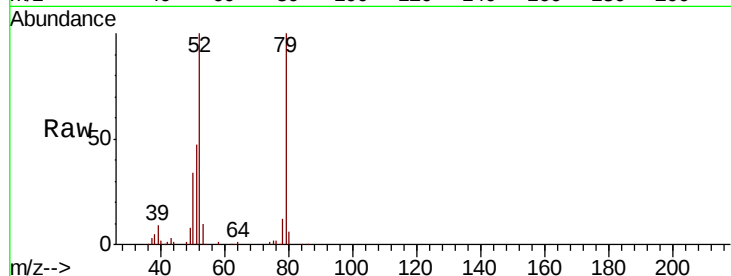
Tot Ion: 79 Resp: 139186

Ion Ratio Lower Upper

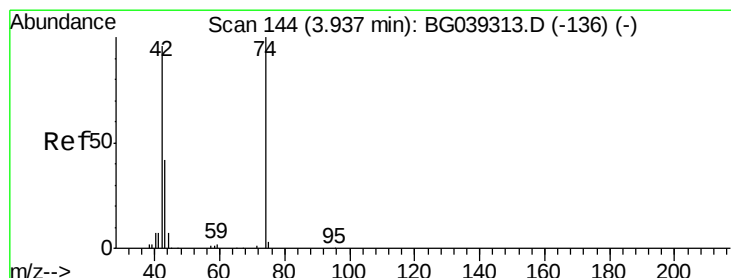
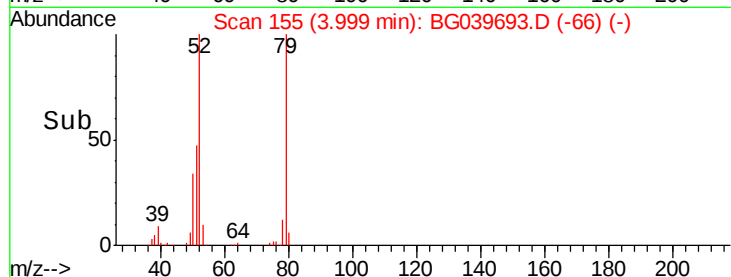
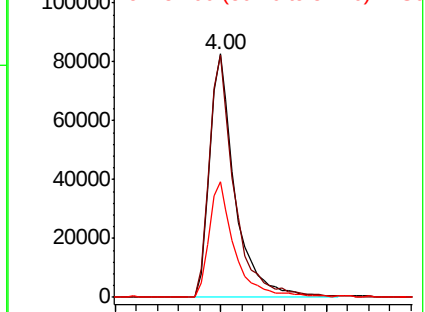
79 100

52 99.5 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: 42.637 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

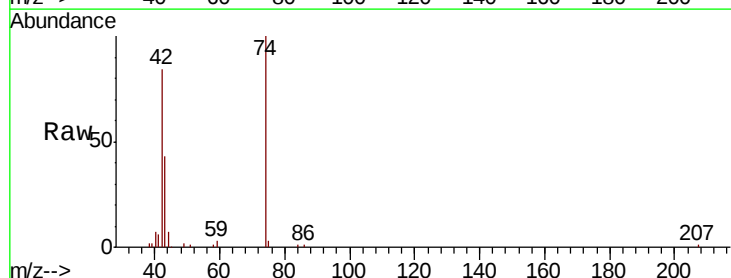
Tgt Ion: 42 Resp: 74807

Ion Ratio Lower Upper

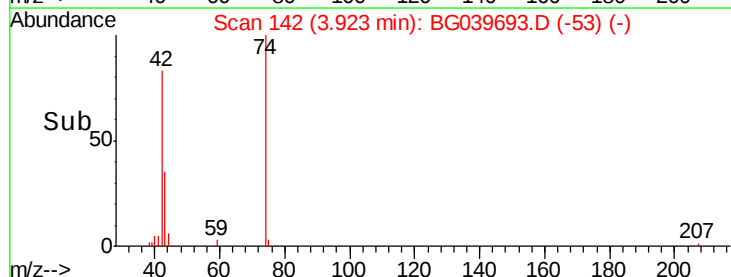
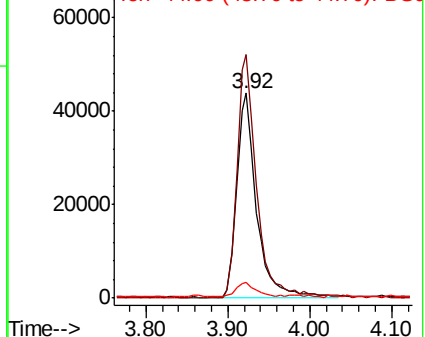
42 100

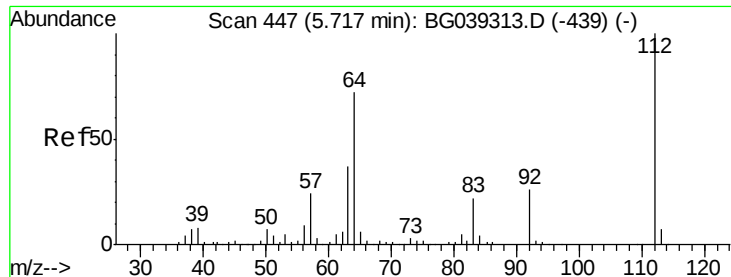
74 119.0 83.6 125.4

44 8.0 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: 150.457 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

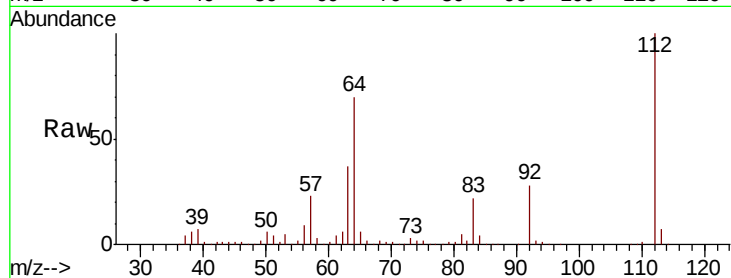
Tot Ion:112 Resp: 455763

Ion Ratio Lower Upper

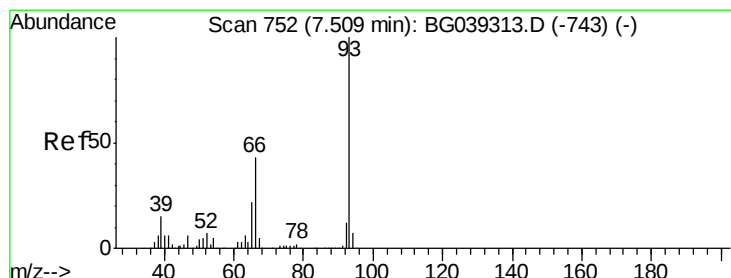
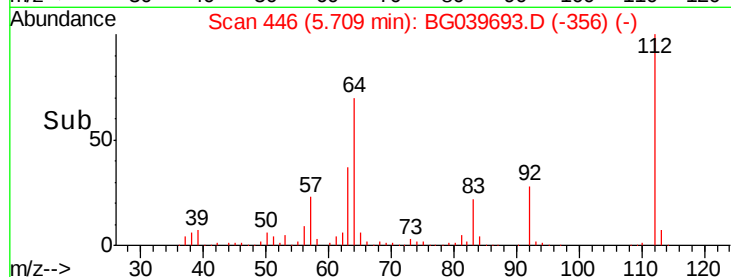
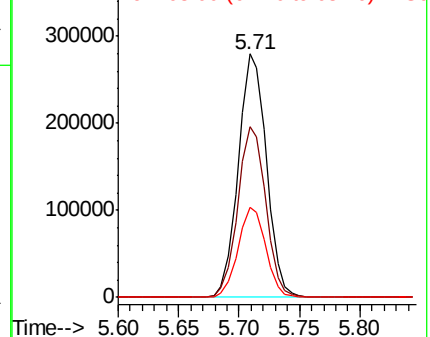
112 100

64 70.0 57.8 86.8

63 36.7 29.8 44.6



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



#6

Aniline

Concen: 30.022 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

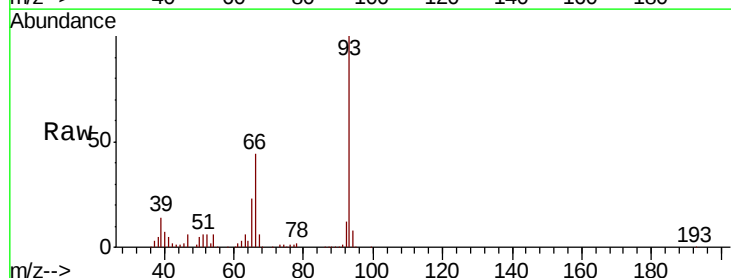
Tgt Ion: 93 Resp: 167674

Ion Ratio Lower Upper

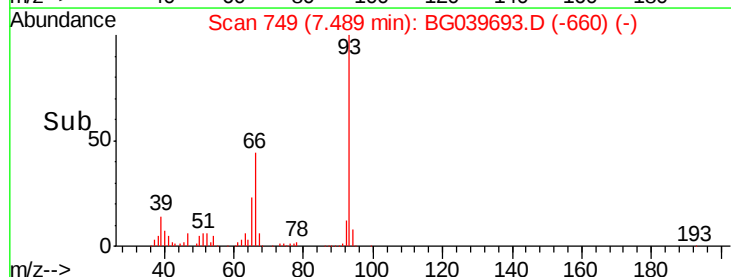
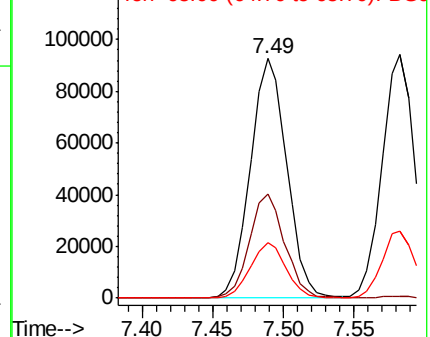
93 100

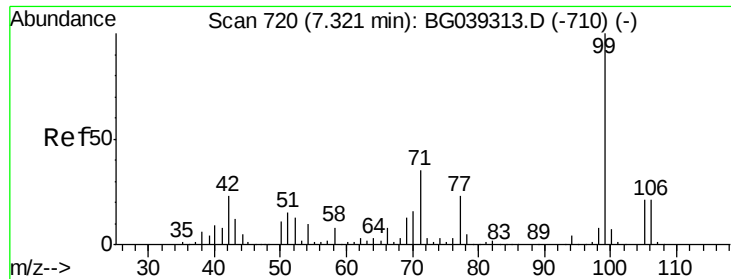
66 43.5 34.2 51.4

65 23.1 17.7 26.5



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





#7

Phenol-d6

Concen: 141.608 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

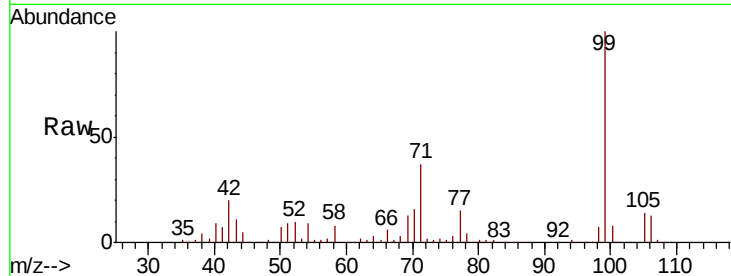
Tot Ion: 99 Resp: 631417

Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.2	27.2
71	36.5	28.0	42.0

99 100

42 20.2 18.2 27.2

71 36.5 28.0 42.0

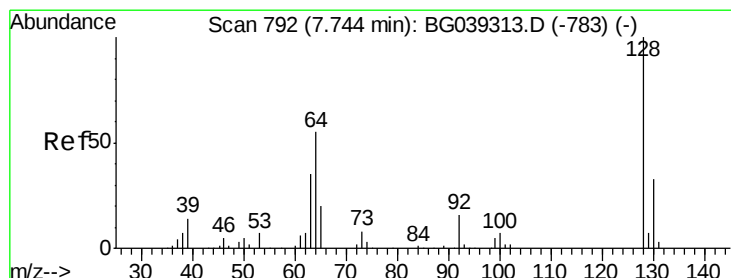
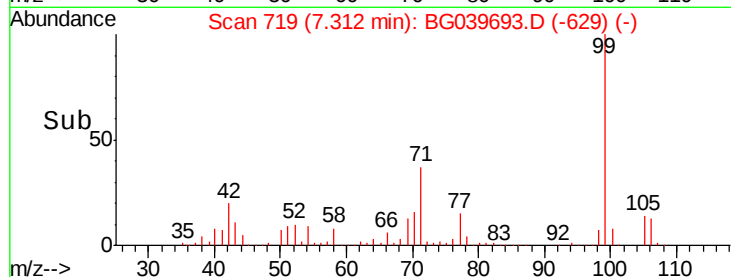
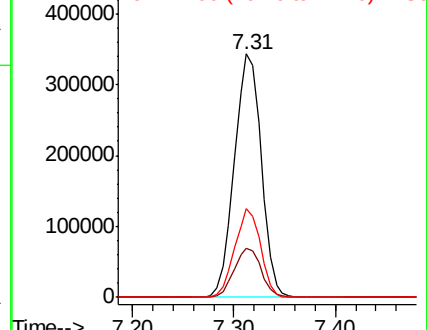


Abundance

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: 50.096 ng

RT: 7.72 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

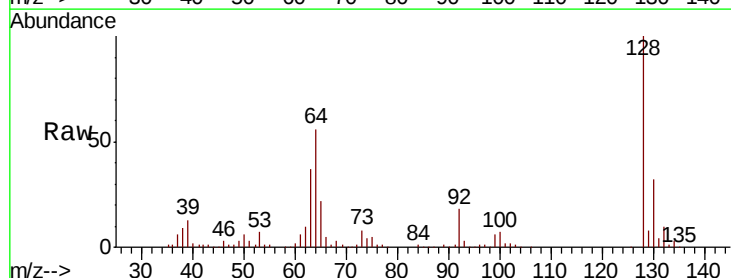
Tgt Ion: 128 Resp: 165877

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	55.6	38.7	78.7

128 100

130 32.0 12.9 52.9

64 55.6 38.7 78.7

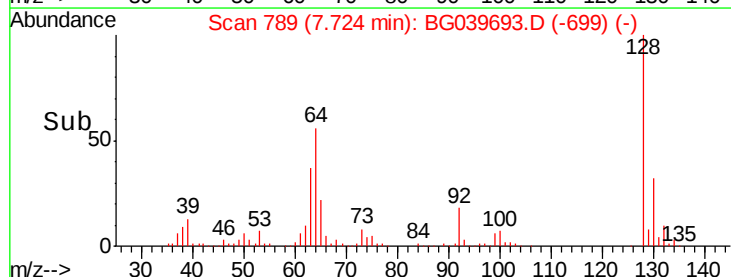
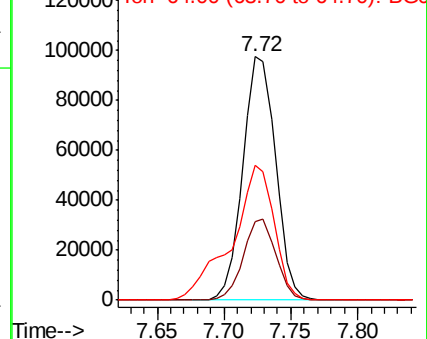


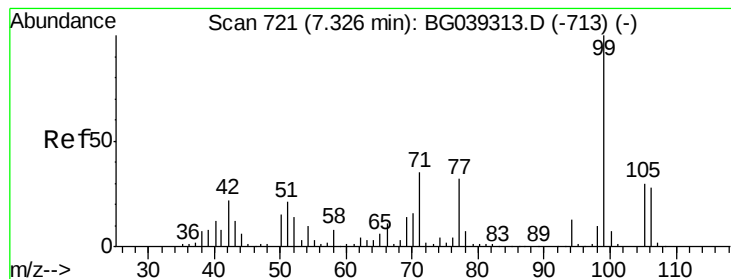
Abundance

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: 62.776 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

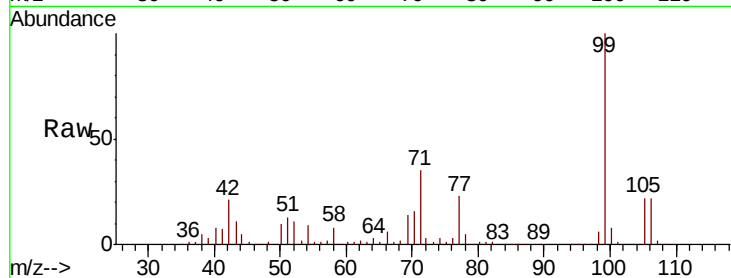
Tot Ion: 77 Resp: 118788

Ion Ratio Lower Upper

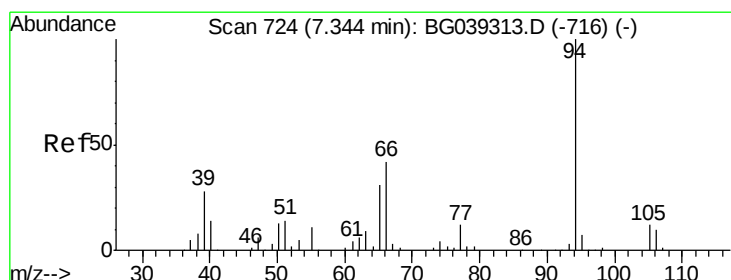
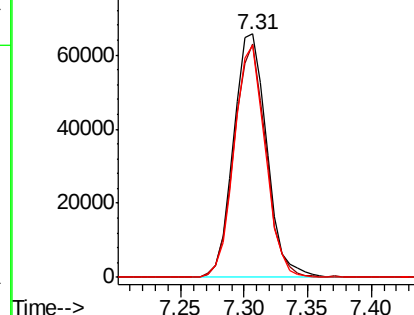
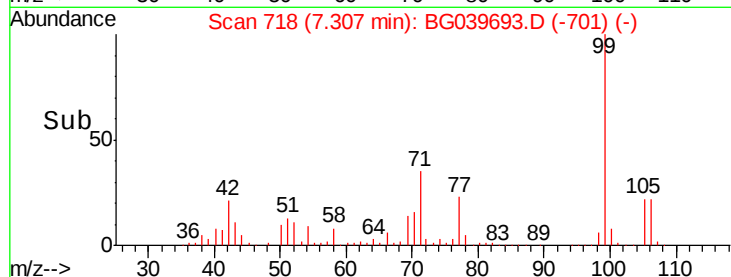
77 100

105 96.0 74.5 114.5

106 95.5 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: 48.402 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

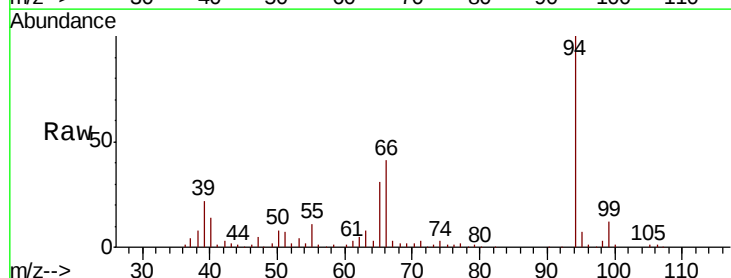
Tgt Ion: 94 Resp: 224975

Ion Ratio Lower Upper

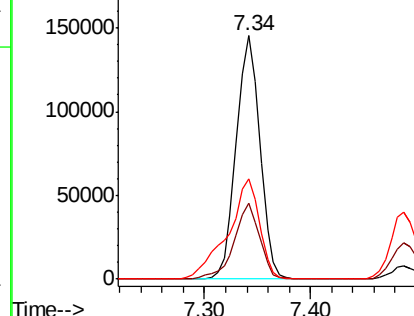
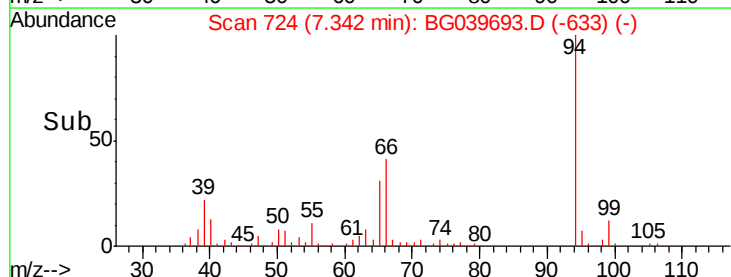
94 100

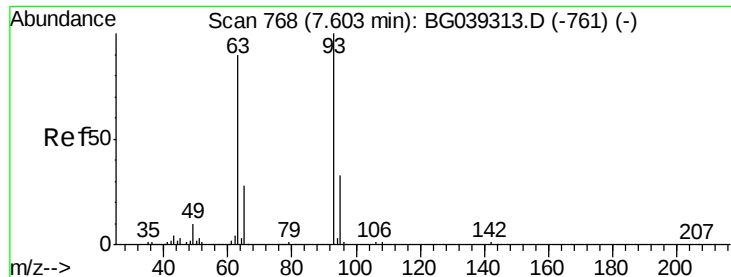
65 31.1 11.7 51.7

66 41.0 23.7 63.7



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

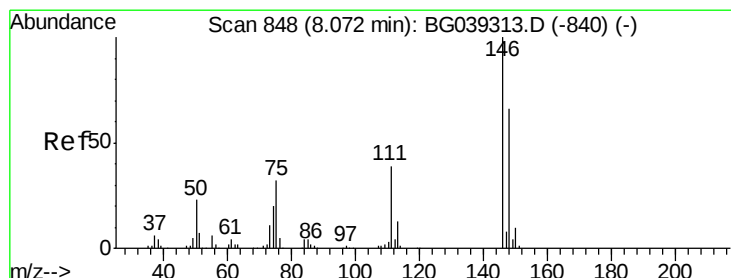
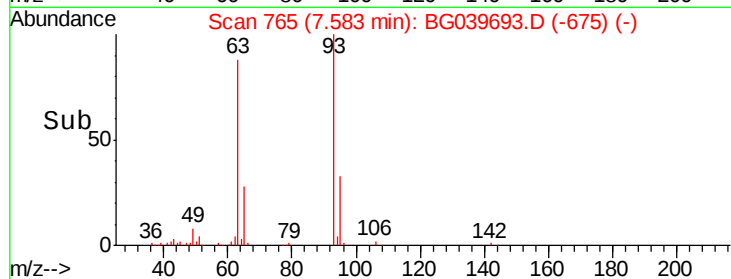
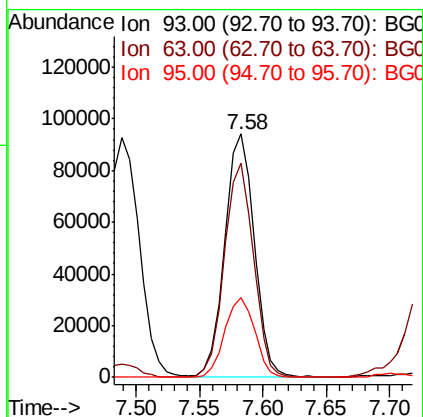
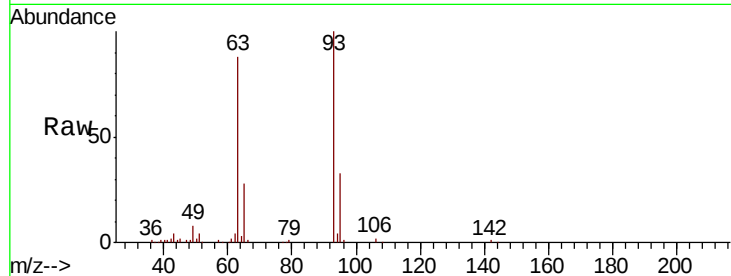




#11
 bis(2-Chloroethyl)ether
 Concen: 41.548 ng
 RT: 7.58 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

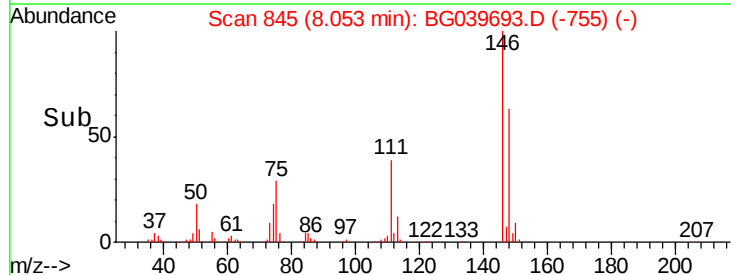
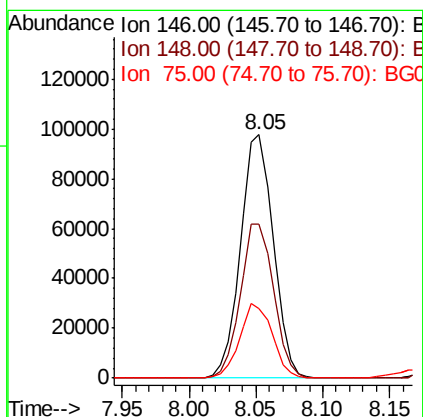
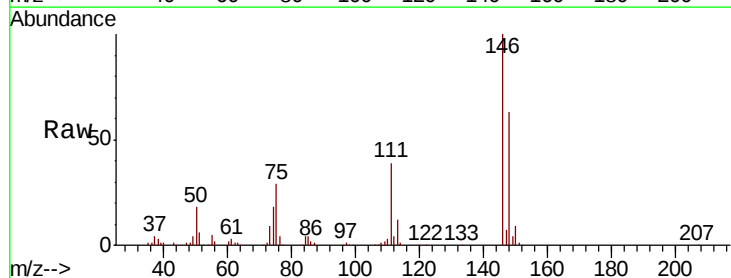
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

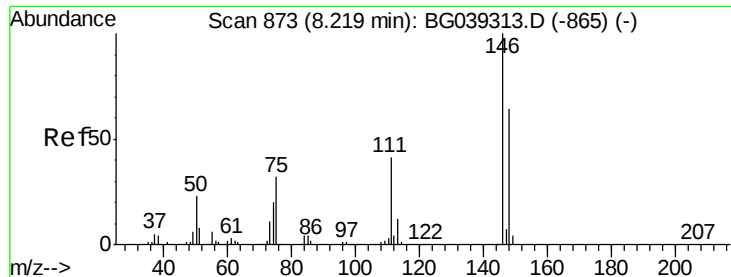
Tot Ion: 93 Resp: 152600
 Ion Ratio Lower Upper
 93 100
 63 88.1 69.5 109.5
 95 32.7 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 41.342 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Tgt Ion: 146 Resp: 165833
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.6 79.0
 75 28.5 25.8 38.6

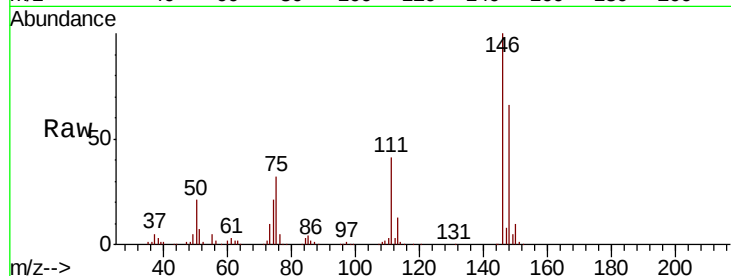




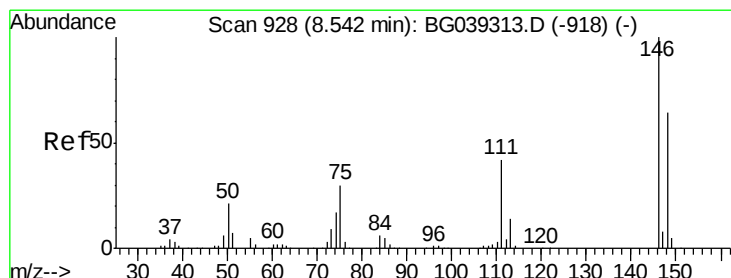
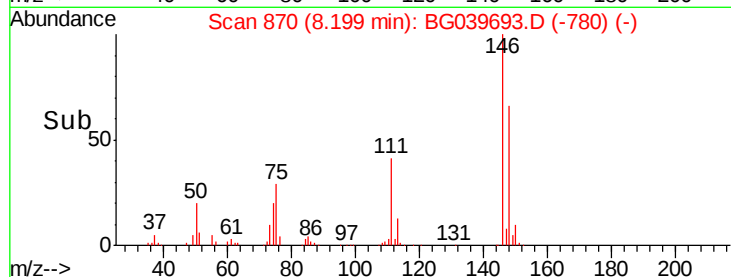
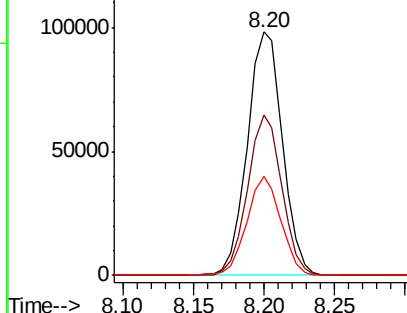
#13
 1,4-Dichlorobenzene
 Concen: 42.790 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion:146 Resp: 171080
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.1 76.7
 111 40.8 32.6 48.8

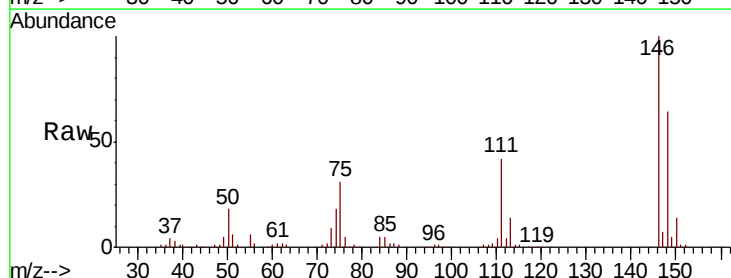


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

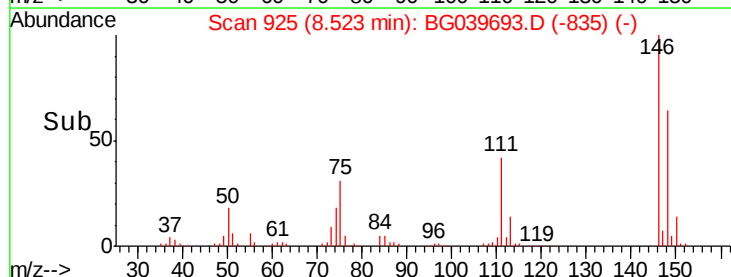
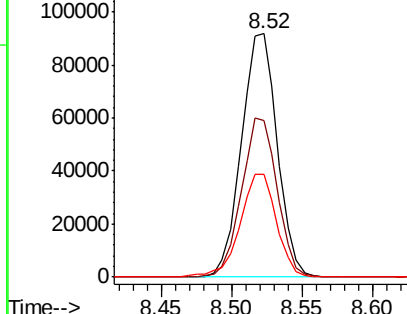


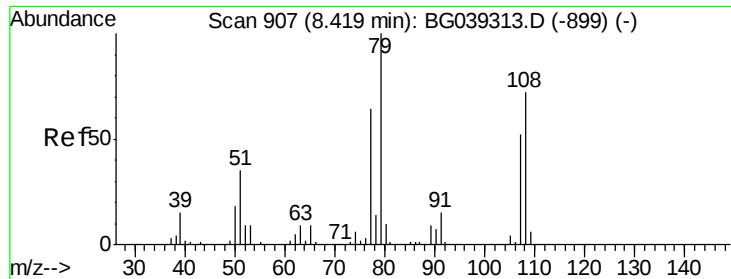
#14
 1,2-Dichlorobenzene
 Concen: 42.055 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Tgt Ion:146 Resp: 162771
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.5 77.3
 111 42.0 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: 44.804 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

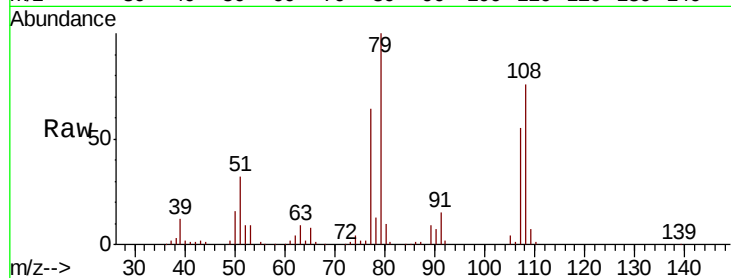
Tot Ion: 79 Resp: 156841

Ion Ratio Lower Upper

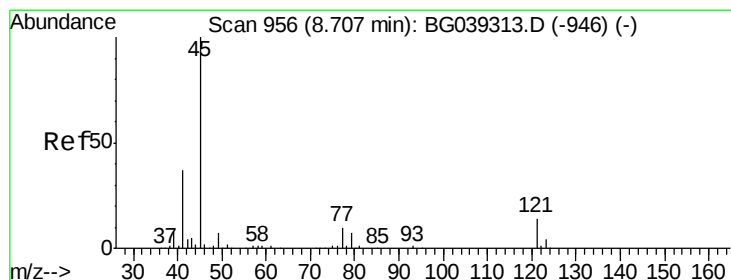
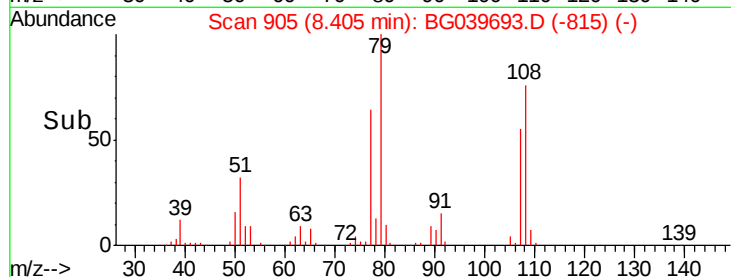
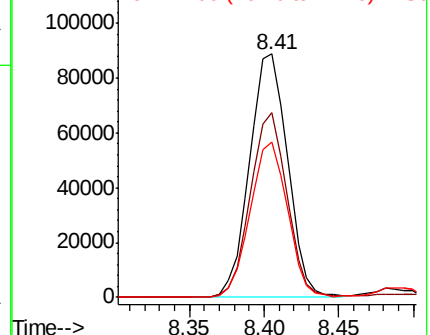
79 100

108 76.0 57.8 86.6

77 63.6 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.342 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

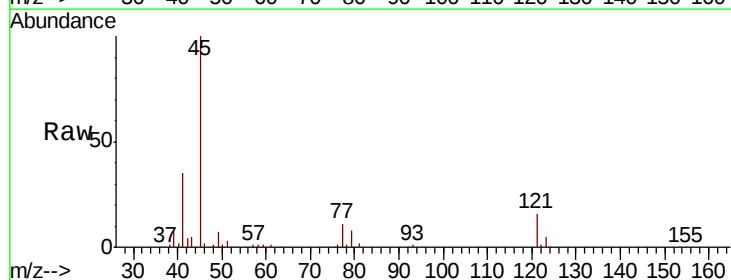
Tgt Ion: 45 Resp: 301423

Ion Ratio Lower Upper

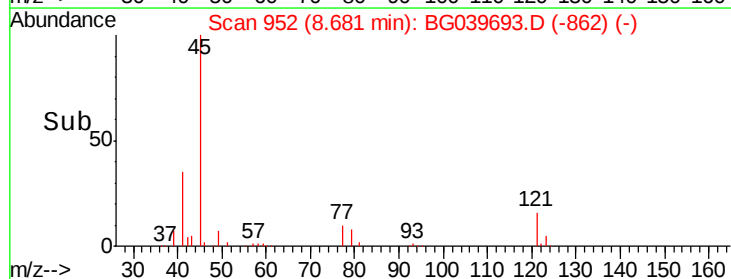
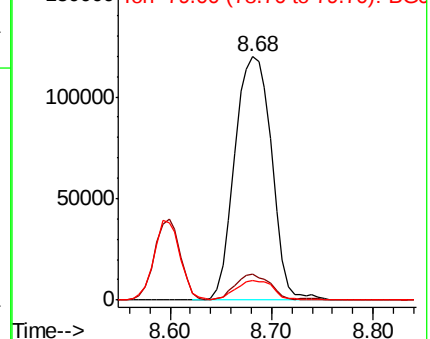
45 100

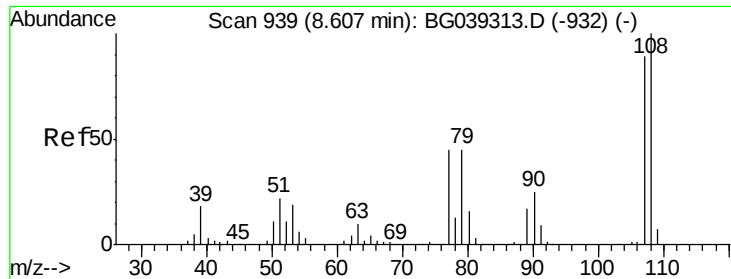
77 10.5 0.0 30.0

79 8.0 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

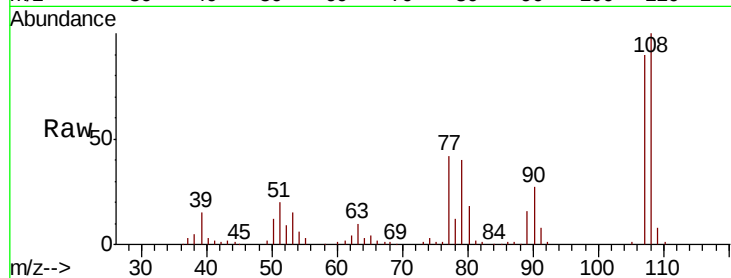




#17
2-Methylphenol
Concen: 48.415 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.8	136.2
77	47.3	40.7	61.1
79	45.2	40.6	60.8



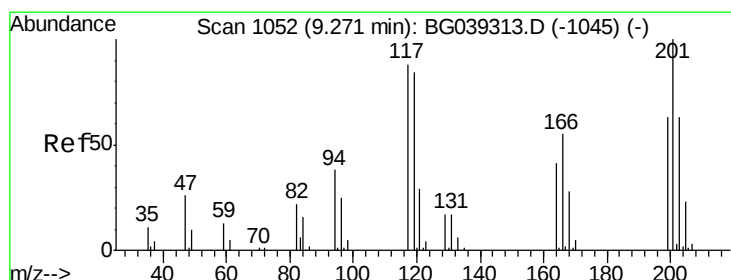
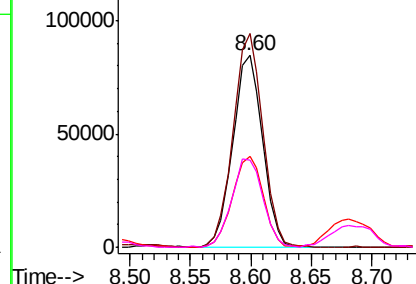
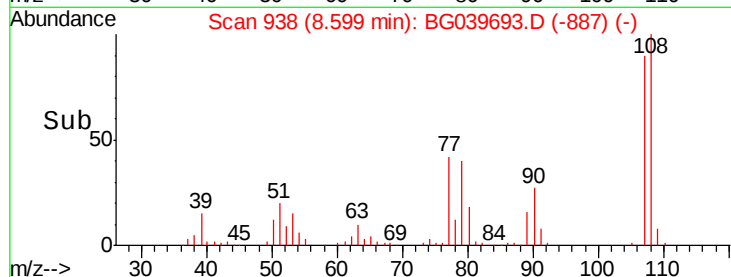
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

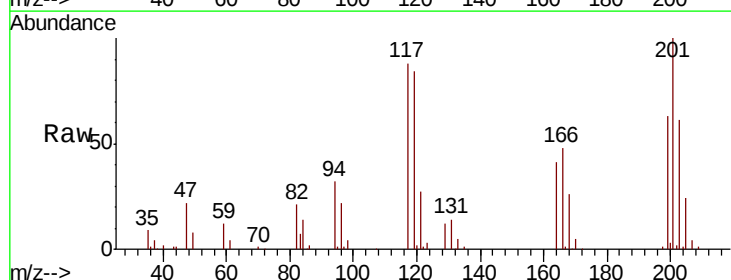
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.537 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.3	114.5
201	113.7	91.1	136.7

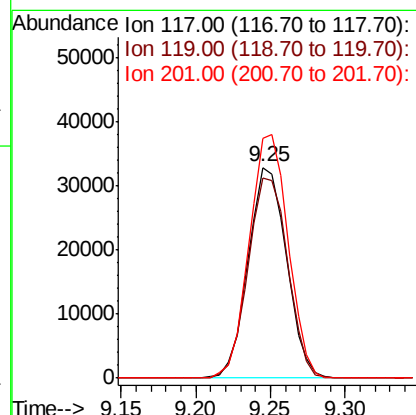
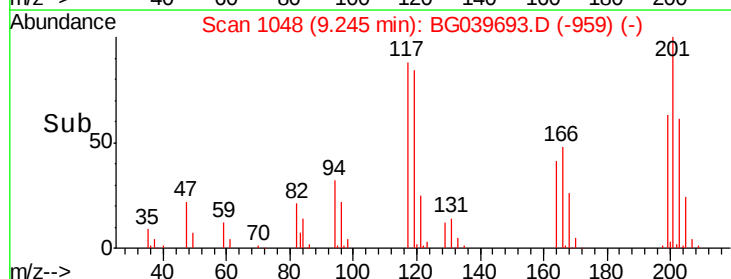


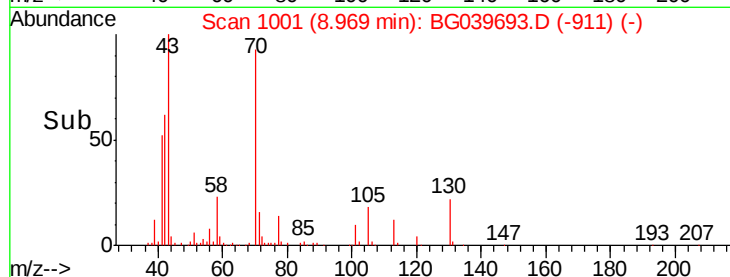
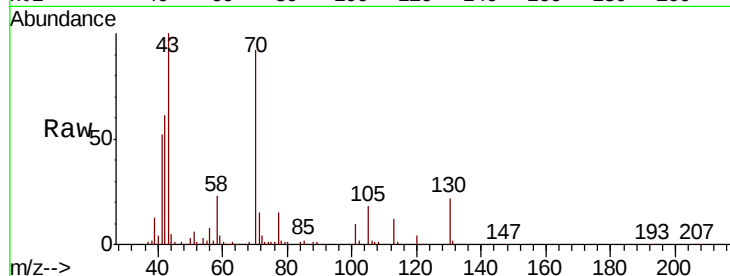
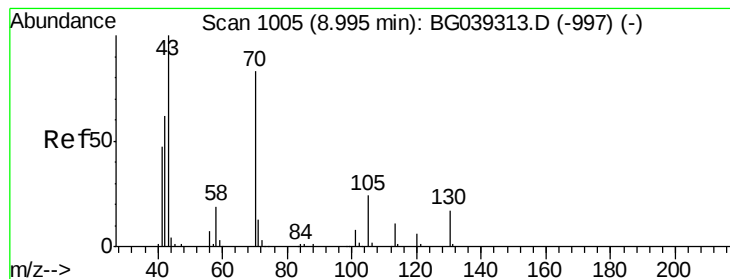
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.457 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

Tot Ion: 70 Resp: 124873

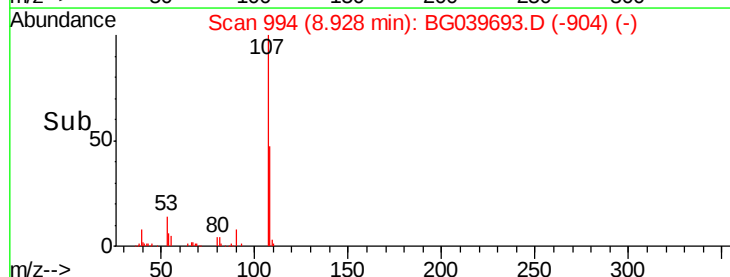
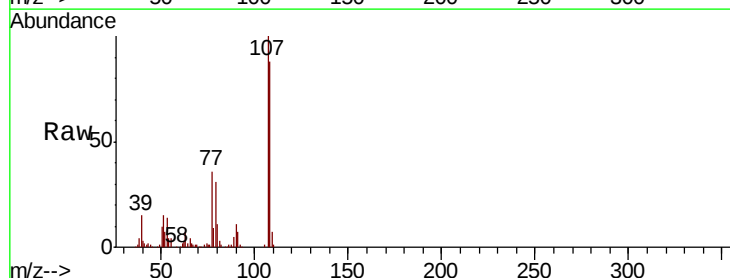
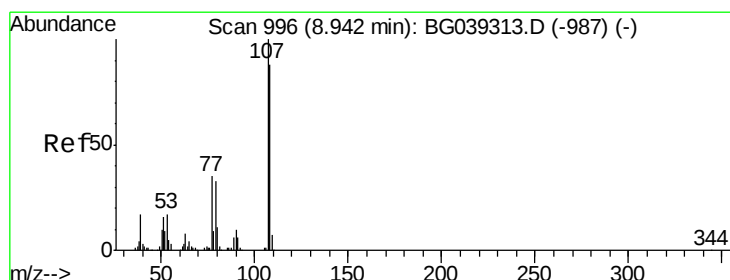
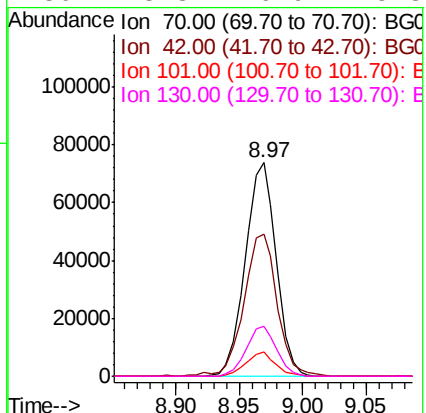
Ion Ratio Lower Upper

70 100

42 66.3 60.4 90.6

101 11.1 7.5 11.3

130 23.3 16.9 25.3



#20

3+4-Methylphenols

Concen: 47.813 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Tgt Ion: 107 Resp: 198042

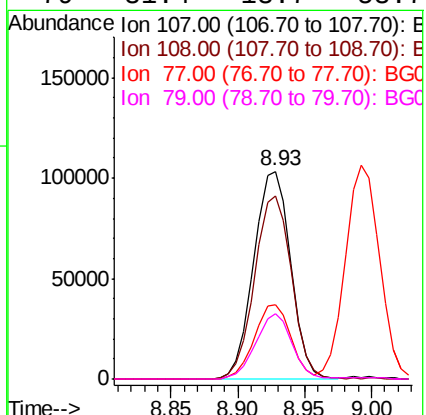
Ion Ratio Lower Upper

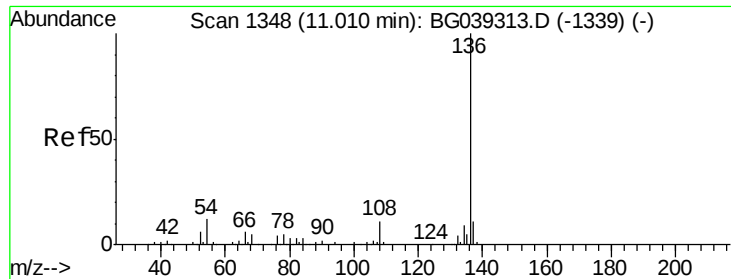
107 100

108 88.0 67.9 107.9

77 35.6 15.4 55.4

79 31.4 13.7 53.7

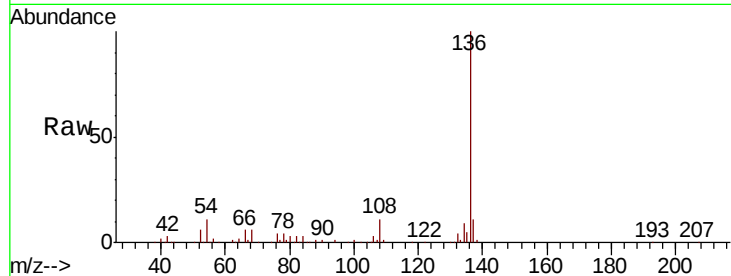




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion:136	Resp:	234852
Ion Ratio	Lower	Upper
136 100		
137 11.4	9.1	13.7
54 11.3	9.4	14.2
68 5.7	4.2	6.4



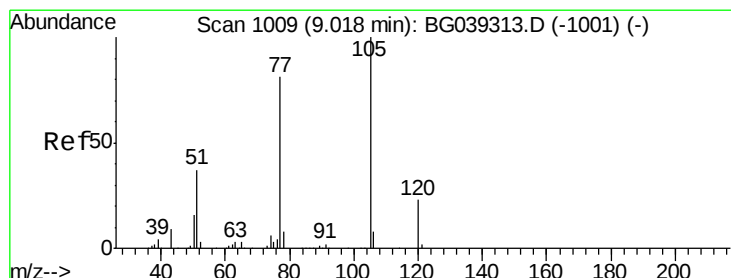
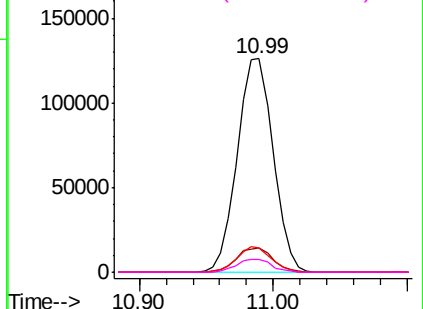
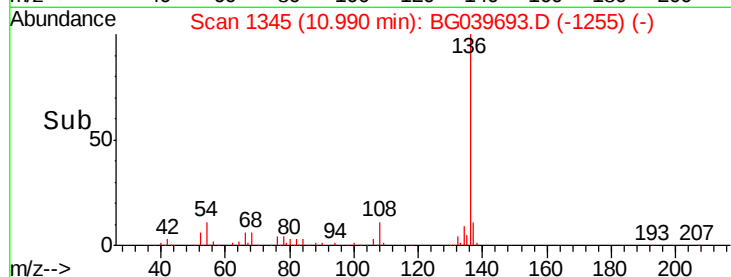
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

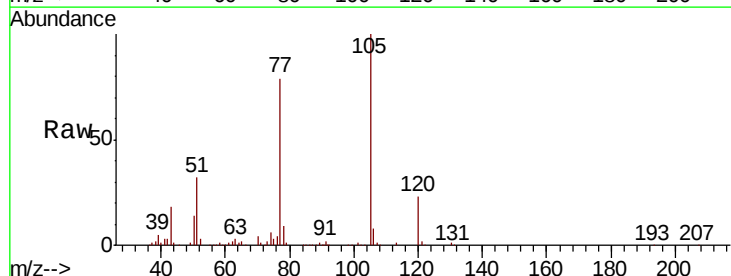
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.047 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt	Ion:105	Resp:	240020
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	32.1	30.2	45.2
120	22.8	18.0	27.0



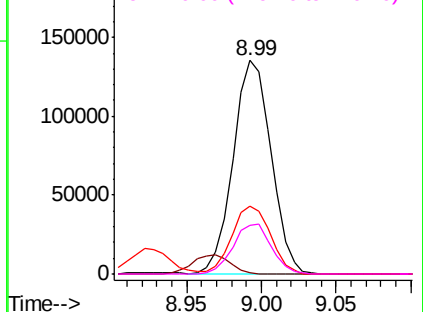
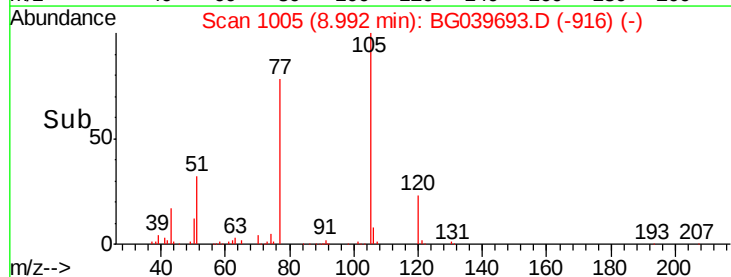
Abundance

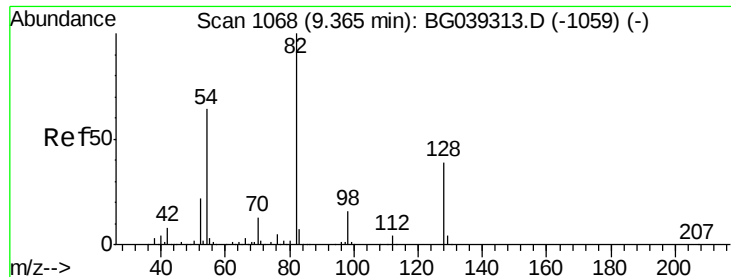
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

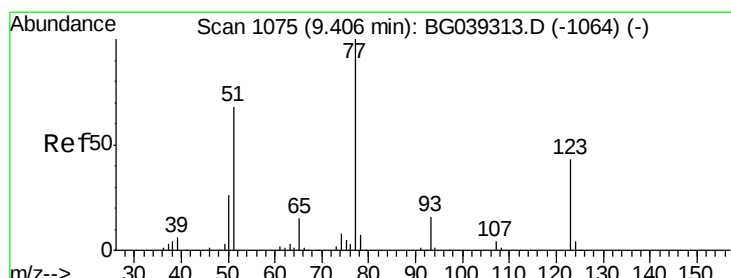
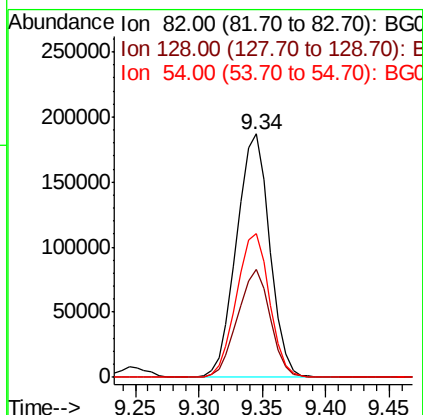
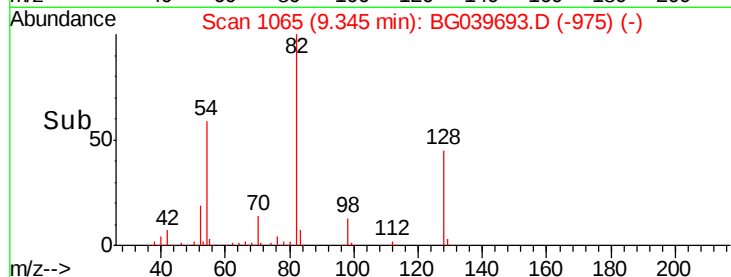
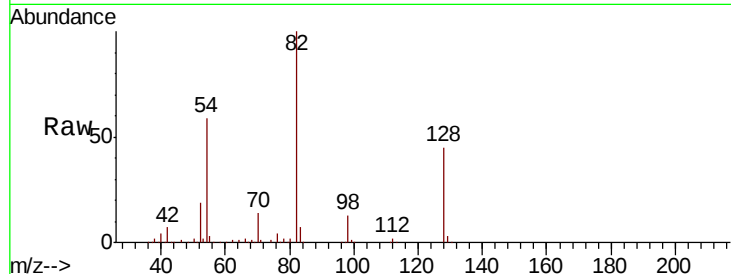




#23
Nitrobenzene-d5
Concen: 90.653 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

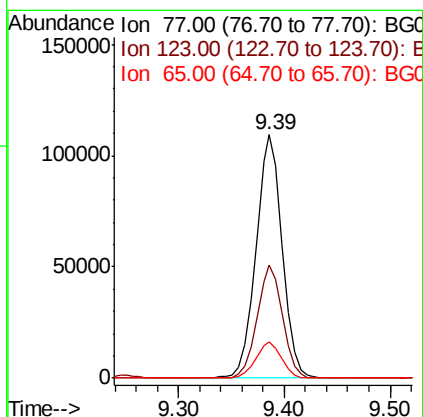
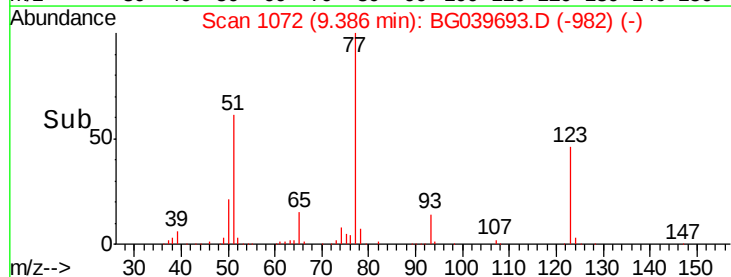
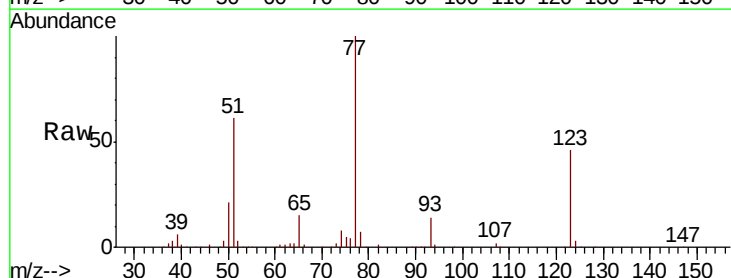
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

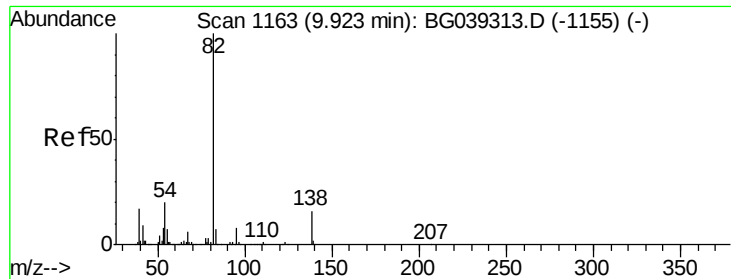
Tot Ion	82	Resp	340794
Ion Ratio	100	Lower	Upper
128	44.5	31.3	46.9
54	59.0	50.9	76.3



#24
Nitrobenzene
Concen: 46.352 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion	77	Resp	188251
Ion Ratio	100	Lower	Upper
123	46.2	34.1	51.1
65	15.1	12.3	18.5





#25

Isophorone

Concen: 43.226 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

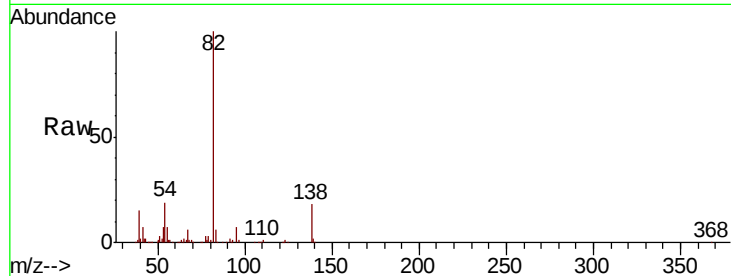
Tot Ion: 82 Resp: 360102

Ion Ratio Lower Upper

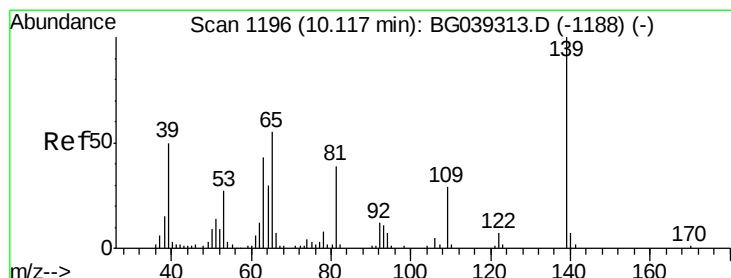
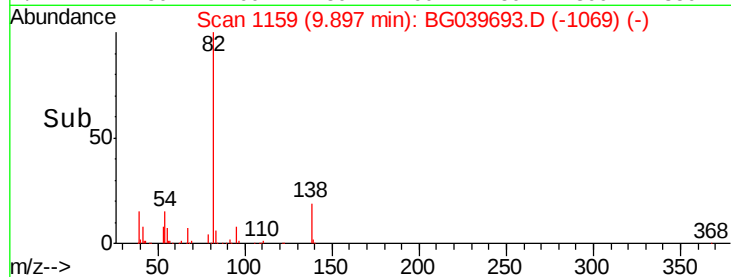
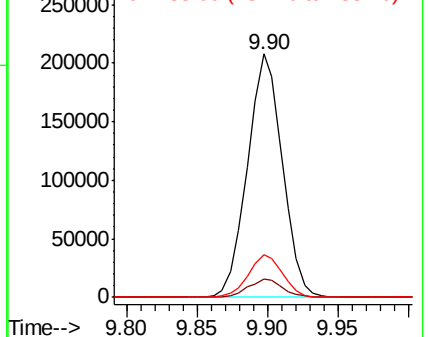
82 100

95 7.5 6.2 9.2

138 17.6 13.0 19.4



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



#26

2-Nitrophenol

Concen: 56.076 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

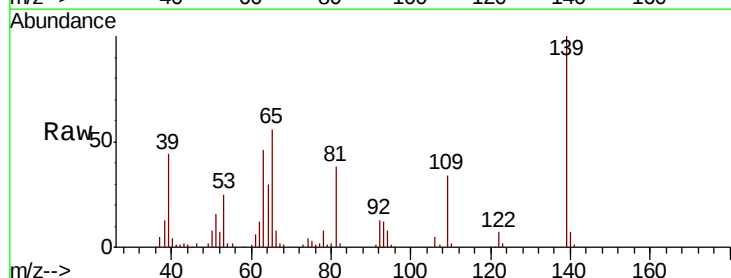
Tgt Ion: 139 Resp: 94114

Ion Ratio Lower Upper

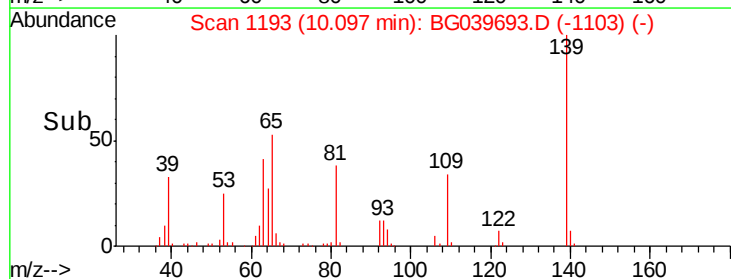
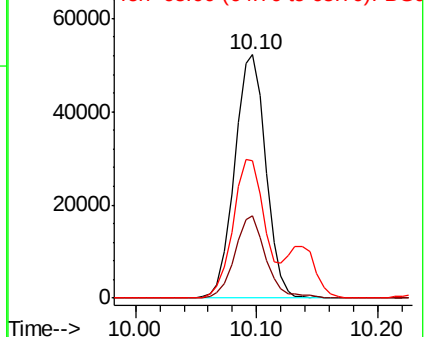
139 100

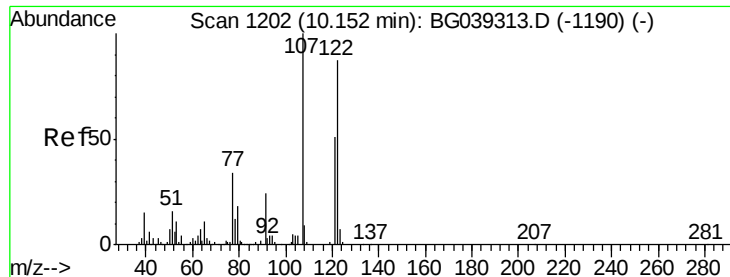
109 33.7 23.4 35.0

65 56.2 44.3 66.5



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

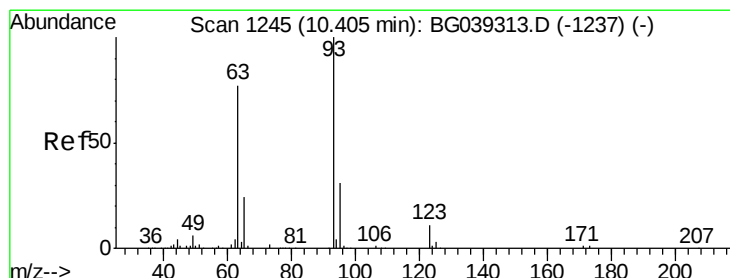
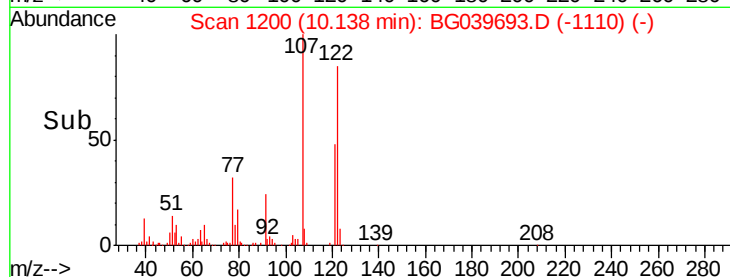
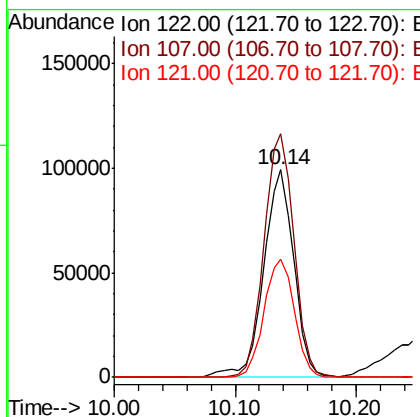
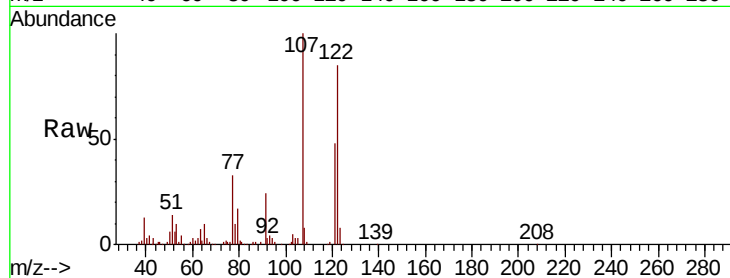




#27
 2,4-Dimethylphenol
 Concen: 50.690 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

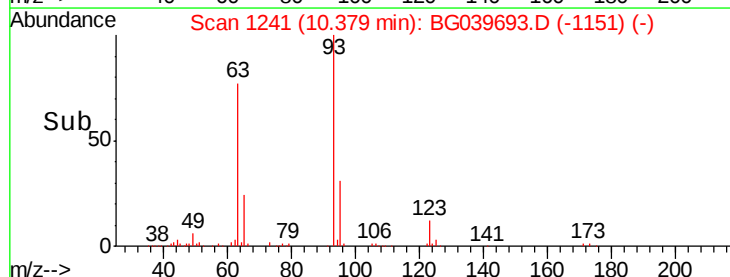
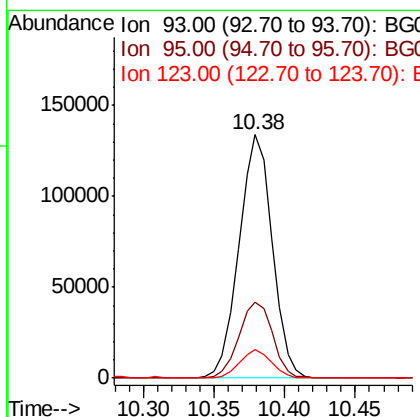
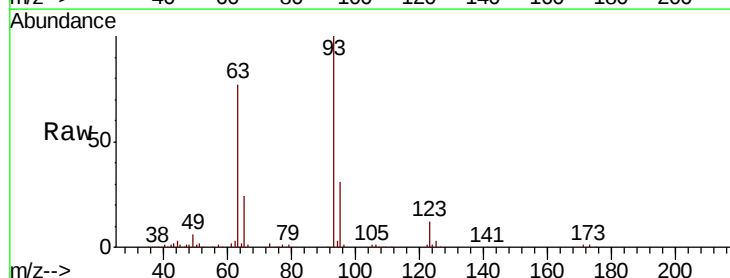
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

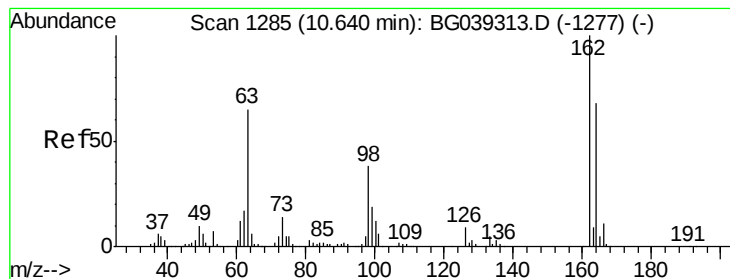
Tot Ion:122 Resp: 170823
 Ion Ratio Lower Upper
 122 100
 107 117.3 91.7 137.5
 121 56.8 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.890 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Tgt Ion: 93 Resp: 220076
 Ion Ratio Lower Upper
 93 100
 95 31.3 25.0 37.4
 123 11.7 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 48.417 ng

RT: 10.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

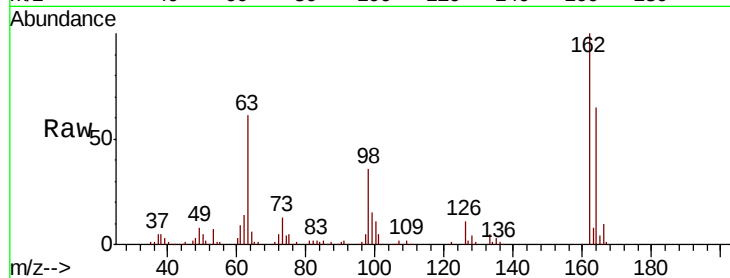
Tot Ion:162 Resp: 178325

Ion Ratio Lower Upper

162 100

164 65.5 48.1 88.1

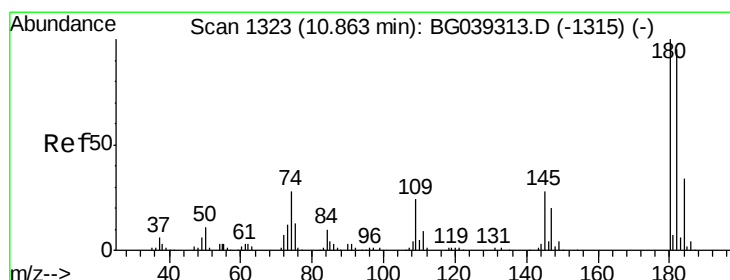
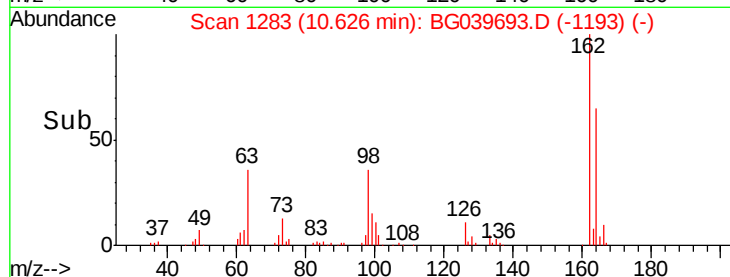
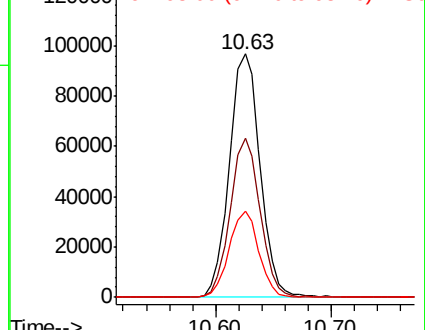
98 35.6 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.517 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

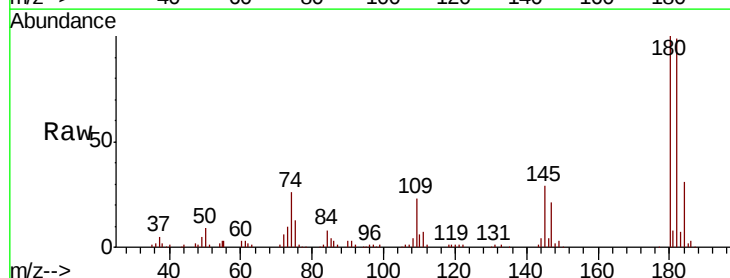
Tgt Ion:180 Resp: 175810

Ion Ratio Lower Upper

180 100

182 99.3 76.0 114.0

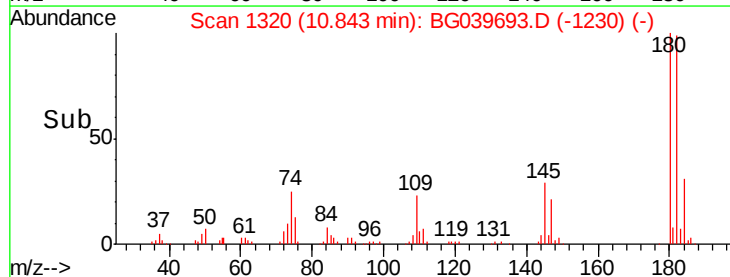
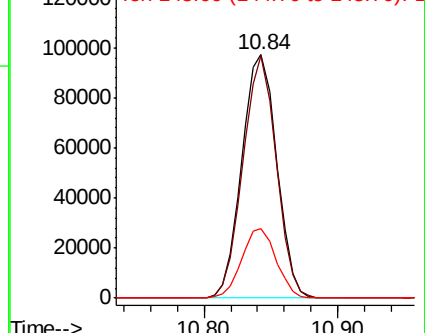
145 28.7 22.7 34.1

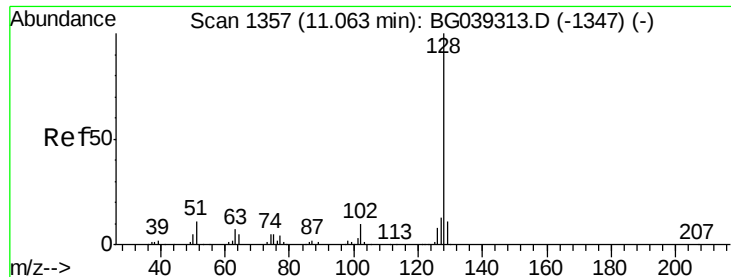


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

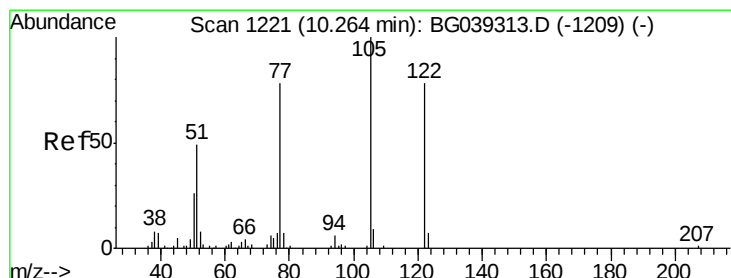
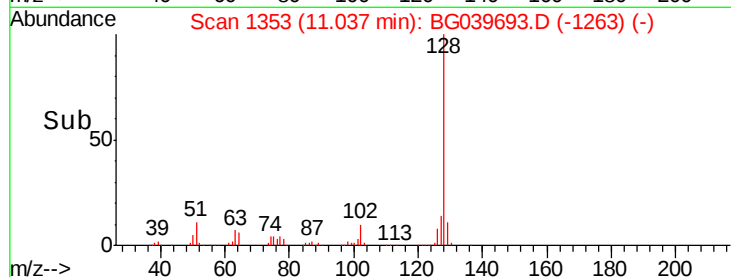
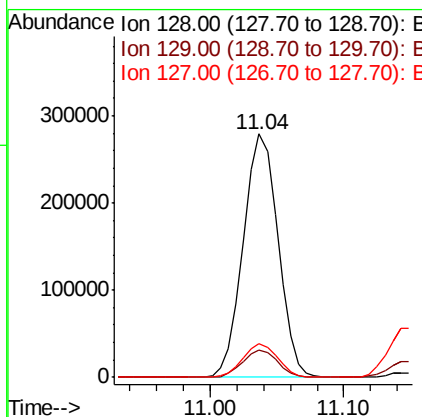
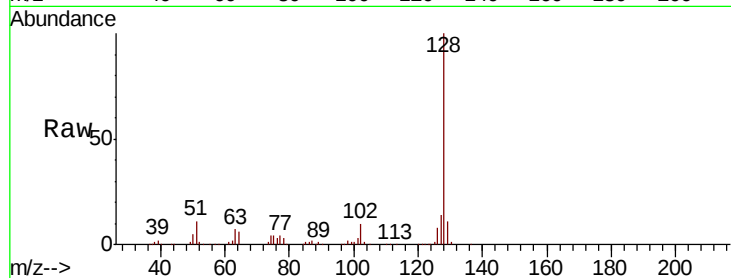




#31
Naphthalene
Concen: 43.260 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

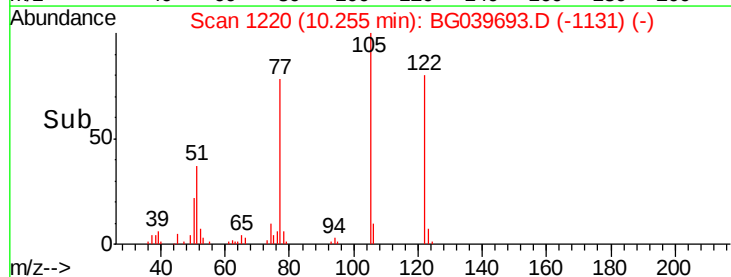
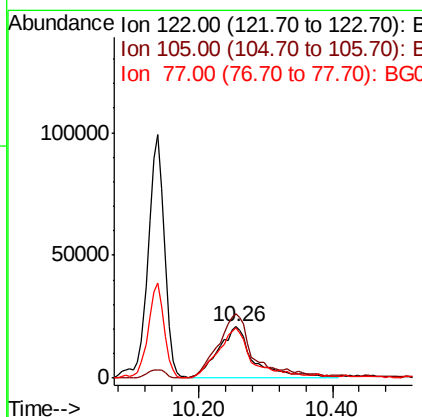
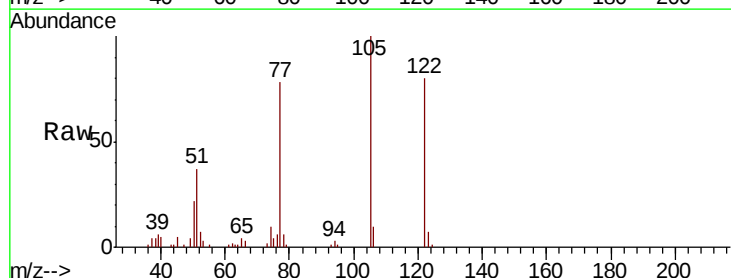
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

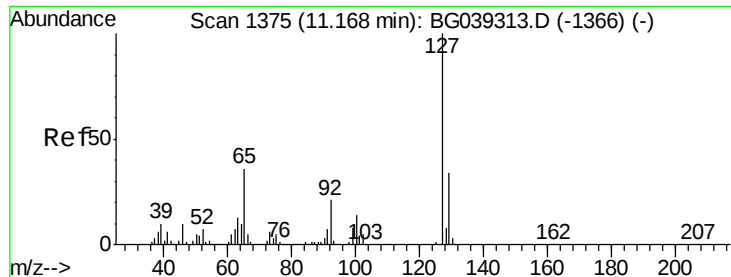
Tot Ion:128 Resp: 504015
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 14.1 10.8 16.2



#32
Benzoic acid
Concen: 36.633 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion:122 Resp: 75034
Ion Ratio Lower Upper
122 100
105 124.4 101.8 141.8
77 97.3 76.3 116.3

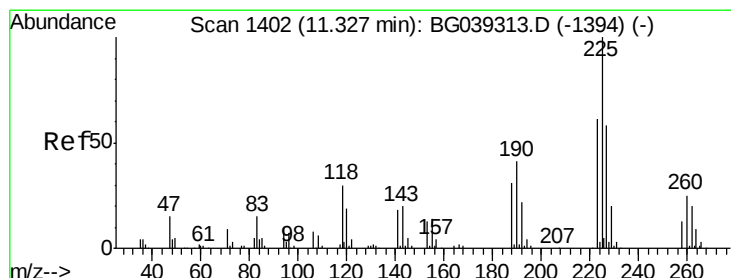
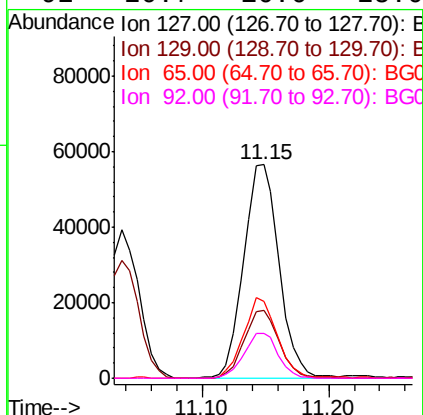
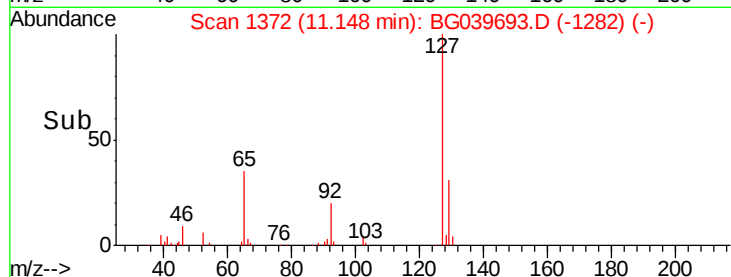
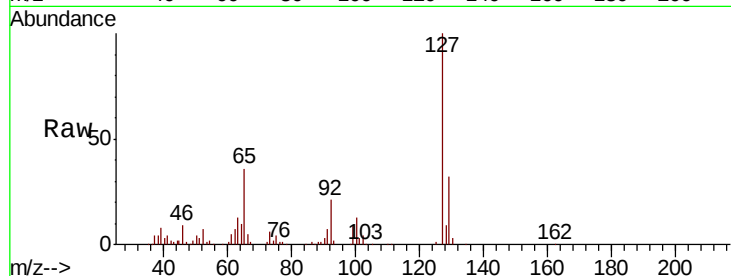




#33
4-Chloroaniline
Concen: 20.380 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

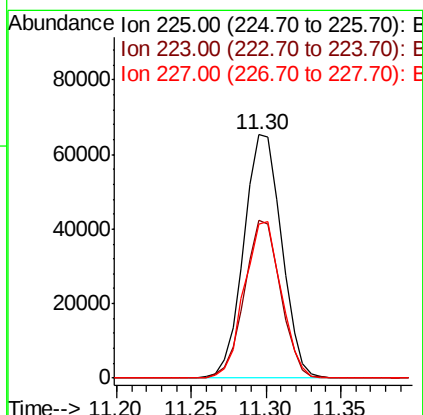
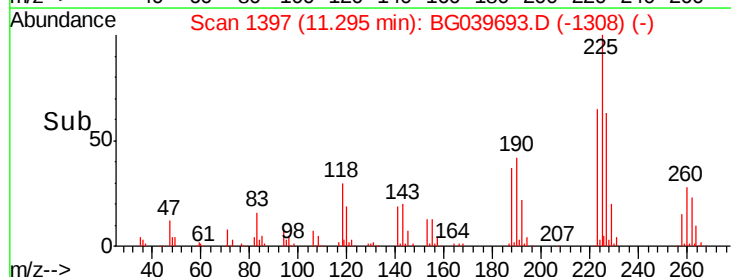
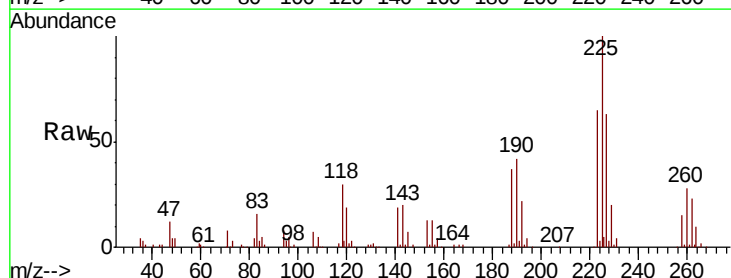
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

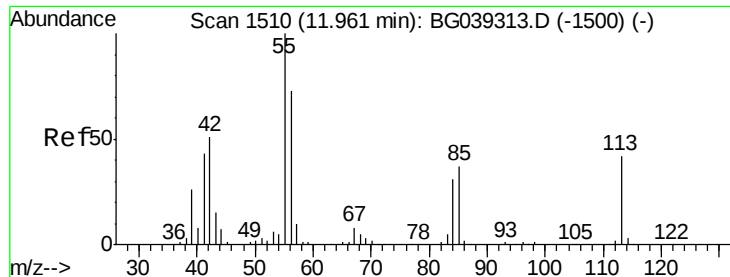
Tot Ion:127 Resp: 110096
Ion Ratio Lower Upper
127 100
129 31.7 27.0 40.4
65 36.0 28.8 43.2
92 20.7 16.6 25.0



#34
Hexachlorobutadiene
Concen: 41.557 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion:225 Resp: 114279
Ion Ratio Lower Upper
225 100
223 64.6 49.0 73.6
227 63.0 46.3 69.5





#35

Caprolactam

Concen: 35.914 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

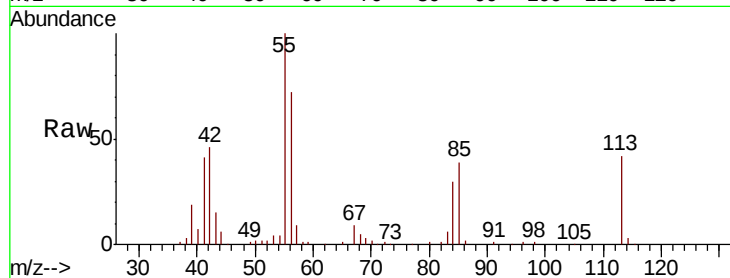
Tot Ion:113 Resp: 54737

Ion Ratio Lower Upper

113 100

55 239.1 216.9 256.9

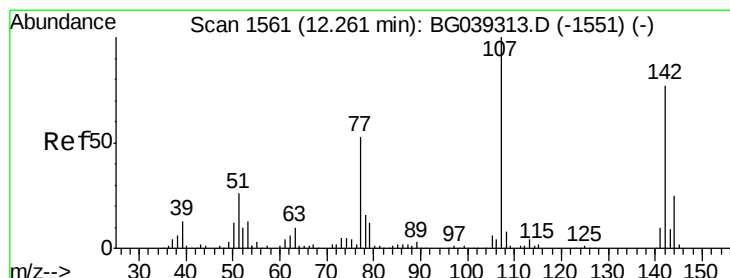
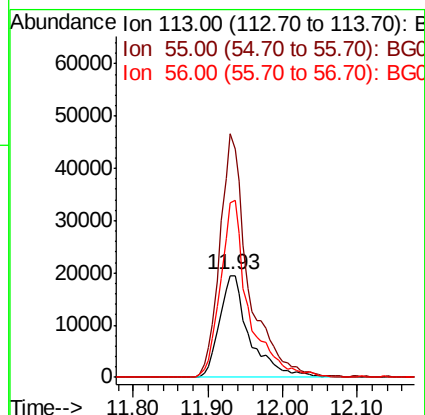
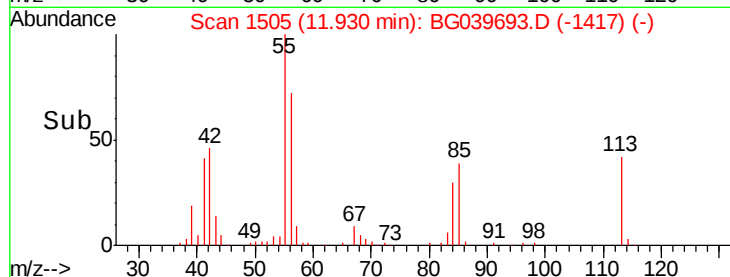
56 171.5 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.632 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

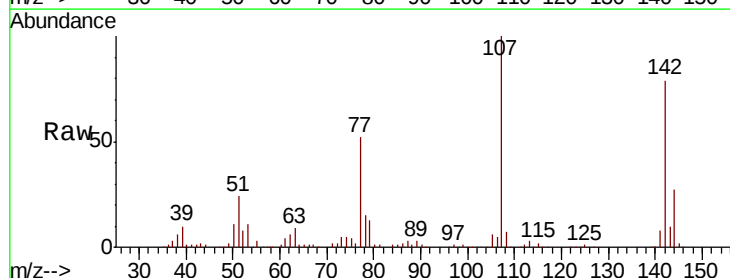
Tgt Ion:107 Resp: 181594

Ion Ratio Lower Upper

107 100

144 26.8 20.2 30.2

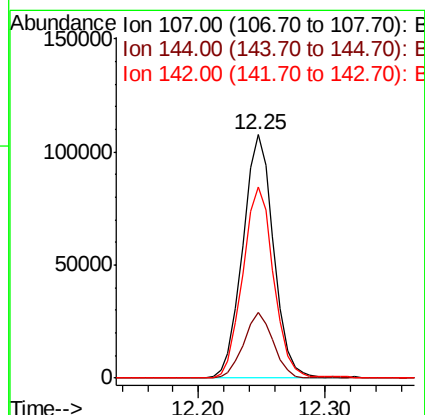
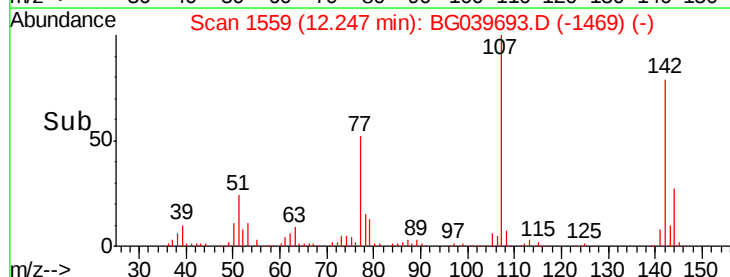
142 78.7 61.4 92.2

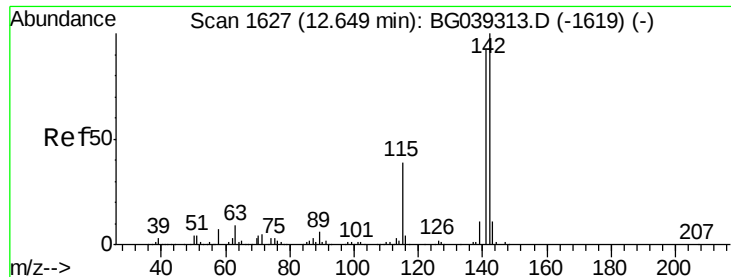


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

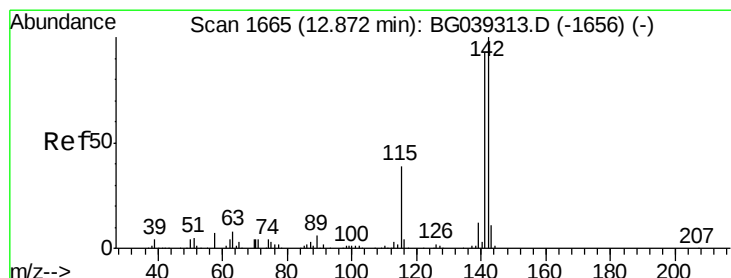
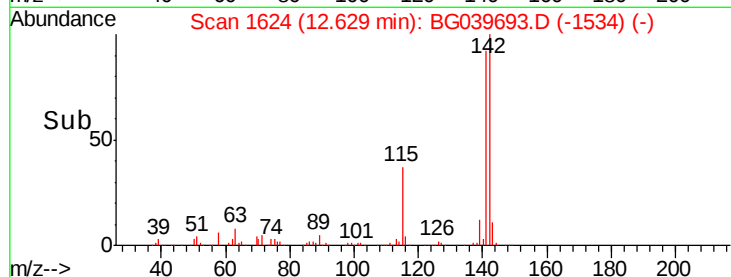
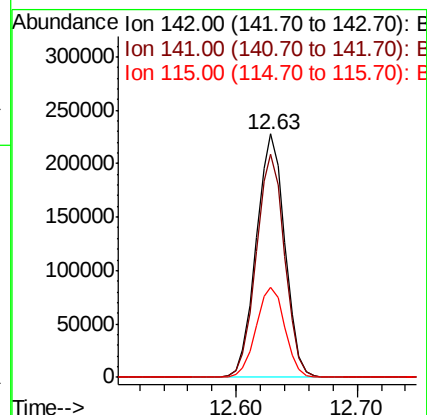
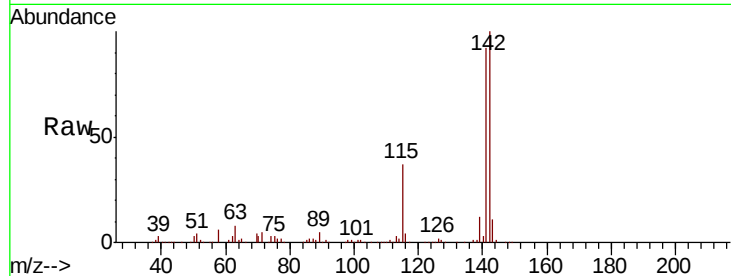




#37
 2-Methylnaphthalene
 Concen: 43.608 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

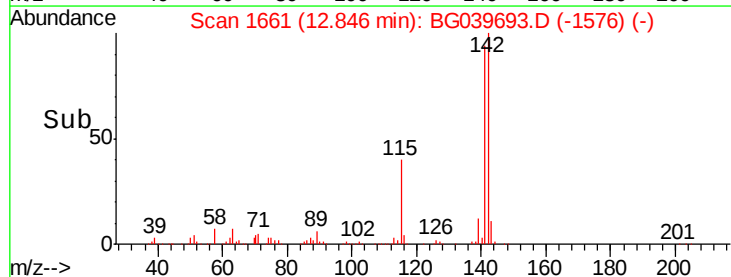
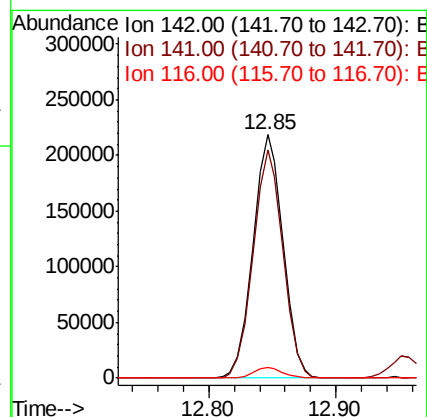
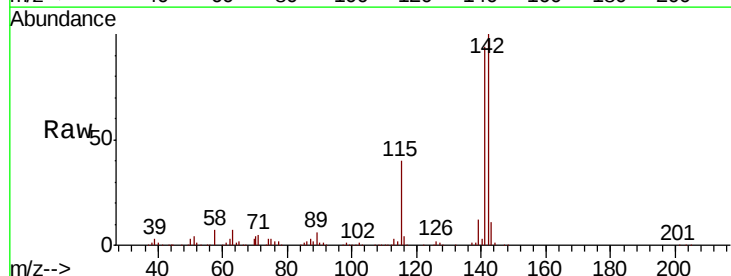
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

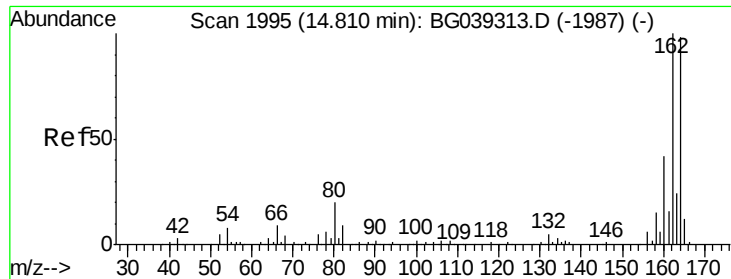
Tot Ion:142 Resp: 376304
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.5 110.3
 115 36.8 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 43.328 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Tgt Ion:142 Resp: 360414
 Ion Ratio Lower Upper
 142 100
 141 93.9 74.2 111.4
 116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

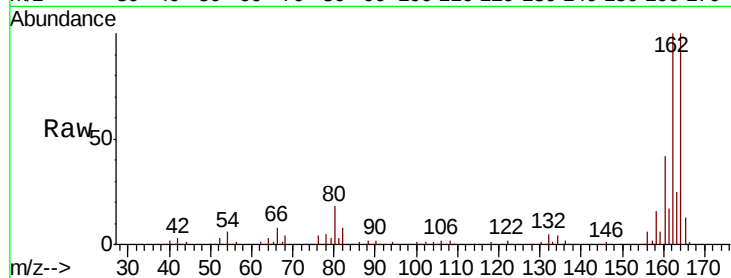
Tot Ion:164 Resp: 151357

Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

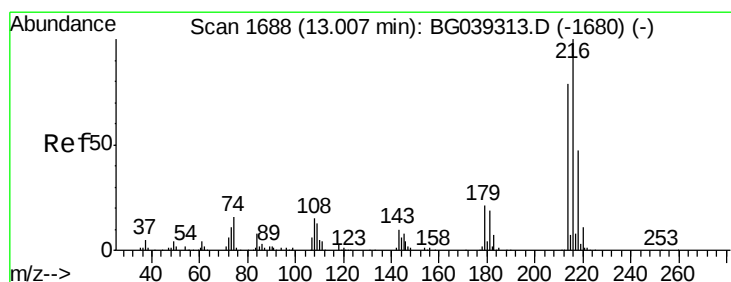
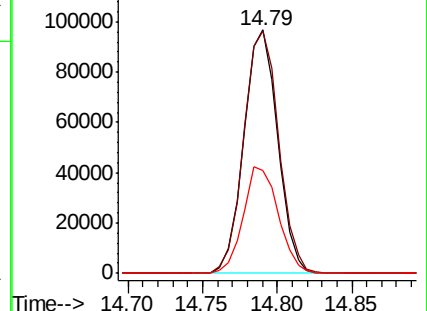
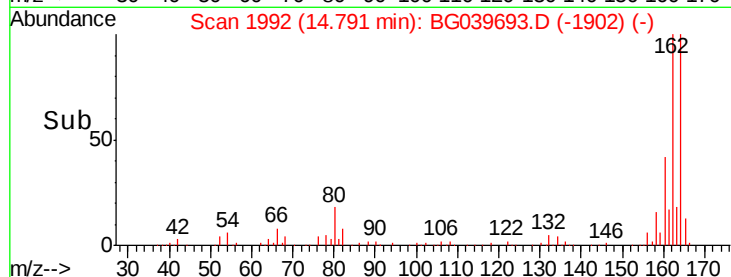
160 42.3 34.2 51.2



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: 43.249 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Tgt Ion:216 Resp: 208275

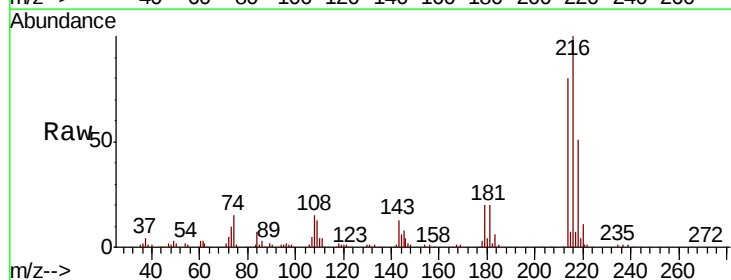
Ion Ratio Lower Upper

216 100

214 79.6 62.6 94.0

179 20.5 16.6 25.0

108 18.3 14.0 21.0

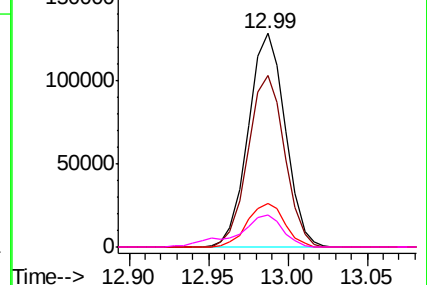
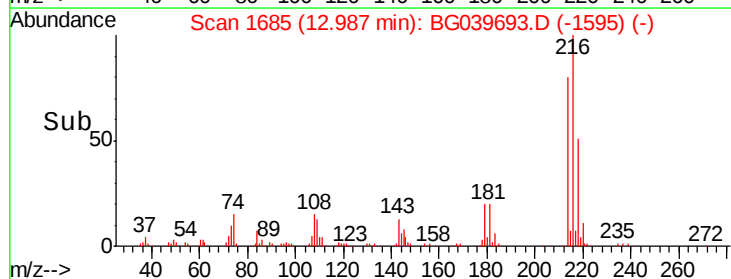


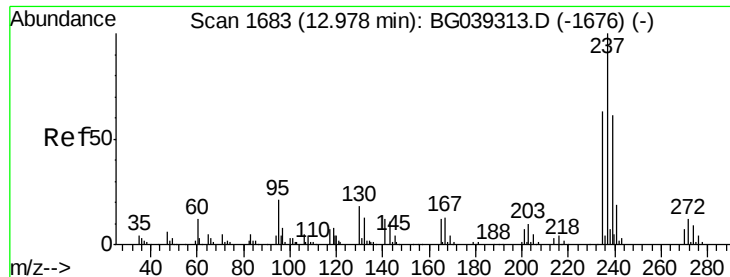
Abundance Ion 216.00 (215.70 to 216.70): E

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: 105.397 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

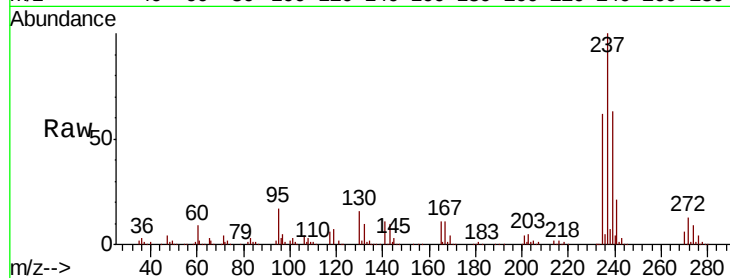
Tot Ion:237 Resp: 276580

Ion Ratio Lower Upper

237 100

235 62.2 43.3 83.3

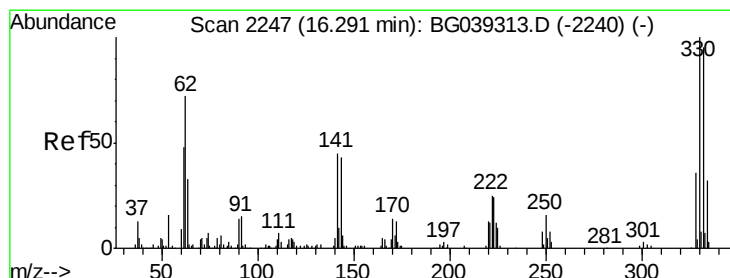
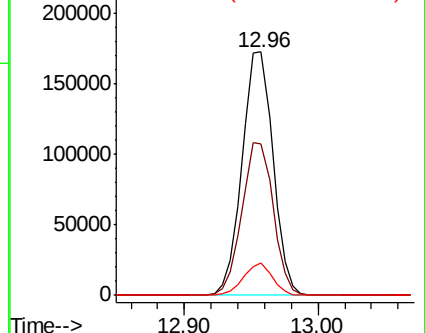
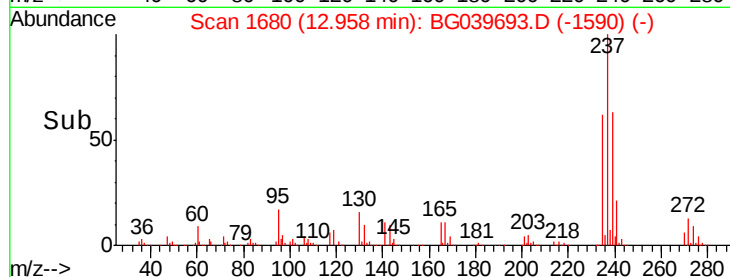
272 13.3 0.0 32.3



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: 128.442 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

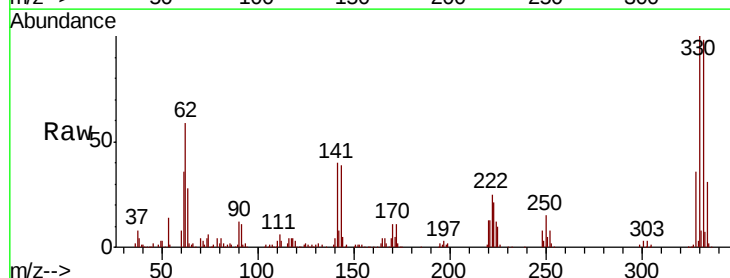
Tgt Ion:330 Resp: 209342

Ion Ratio Lower Upper

330 100

332 97.3 75.7 113.5

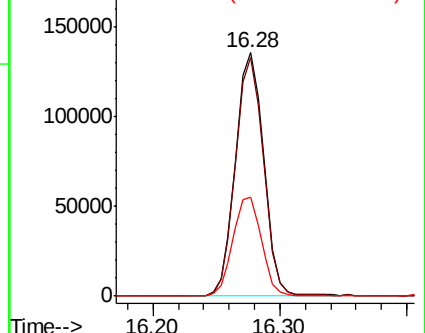
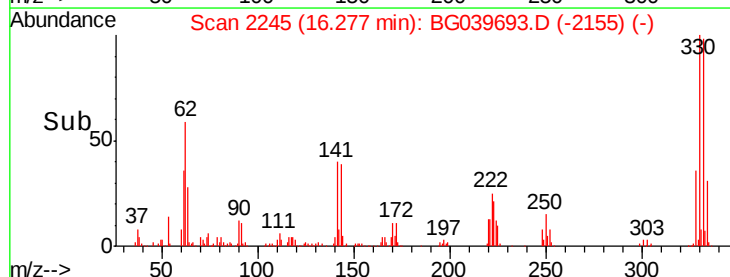
141 41.2 35.6 53.4

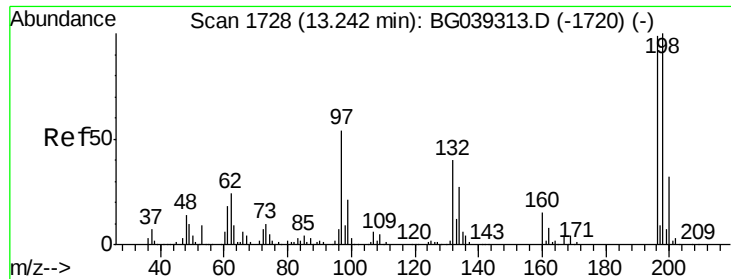


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

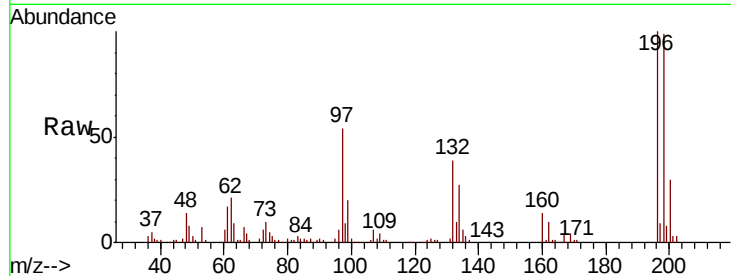




#43
 2,4,6-Trichlorophenol
 Concen: 46.957 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	80.6	121.0
200	30.3	26.1	39.1

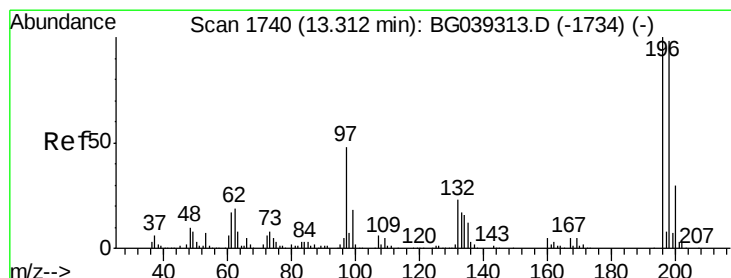
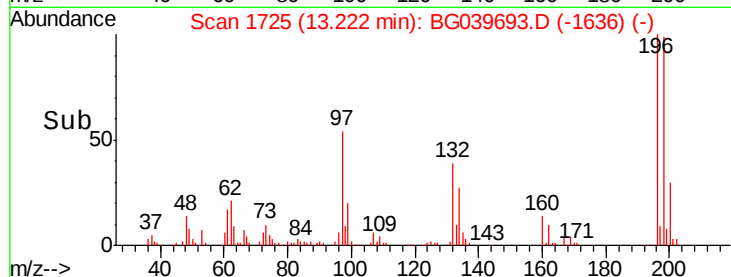
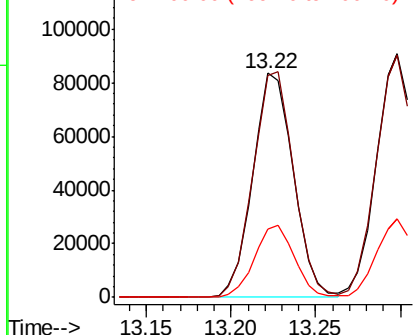


Abundance

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: 47.331 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	78.5	117.7
97	49.8	38.4	57.6
132	26.1	19.2	28.8

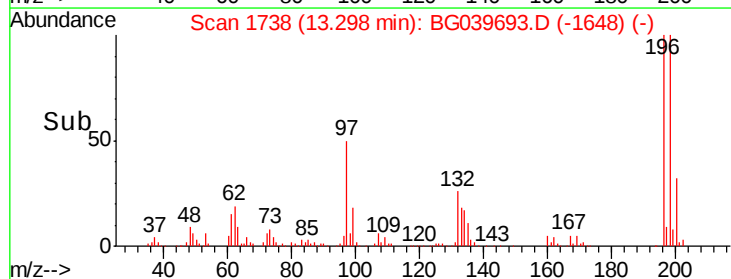
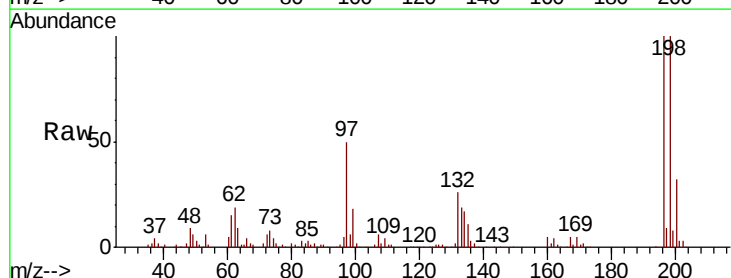
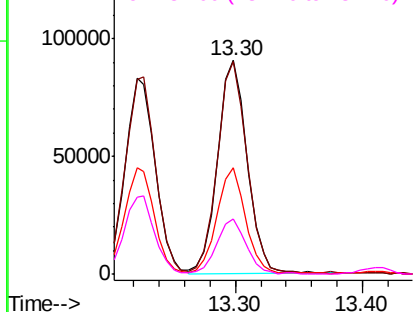
Abundance

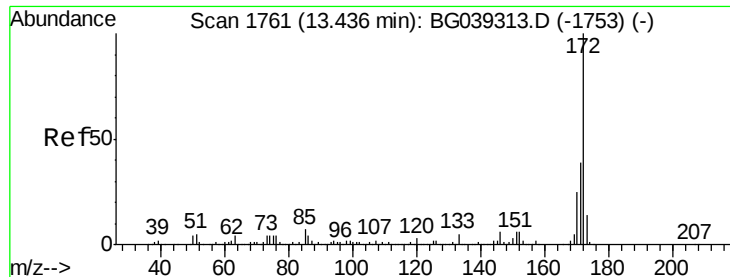
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

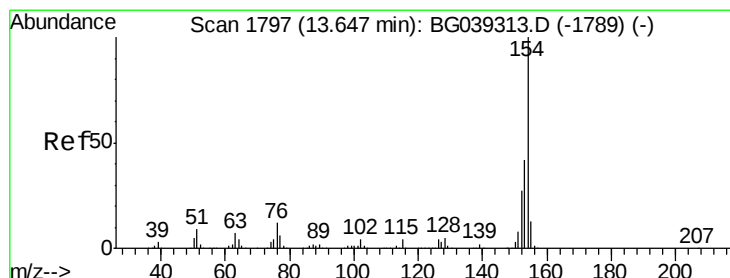
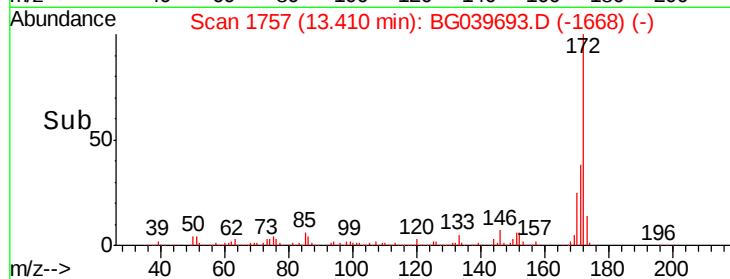
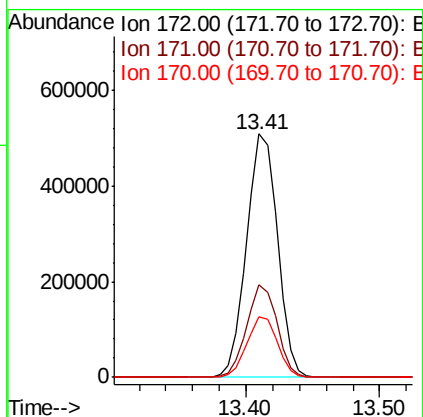
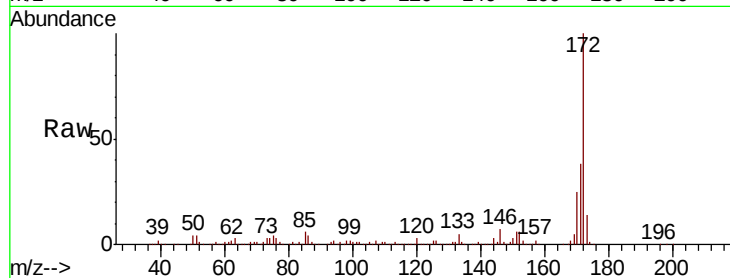




#45
2-Fluorobiphenyl
Concen: 76.959 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

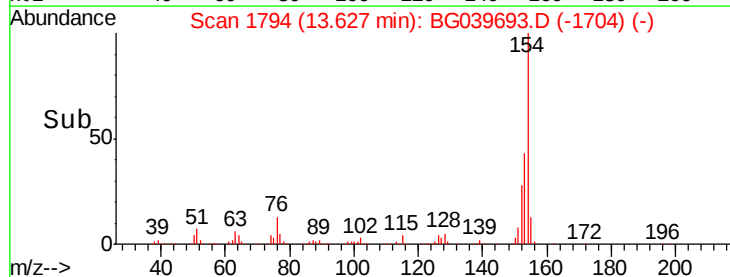
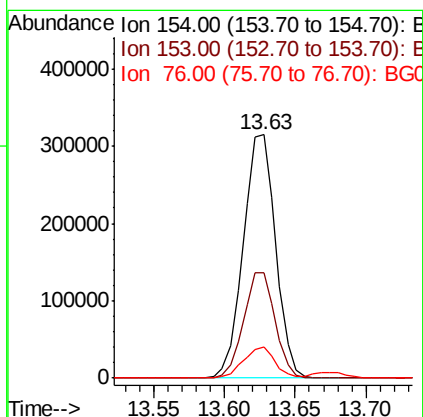
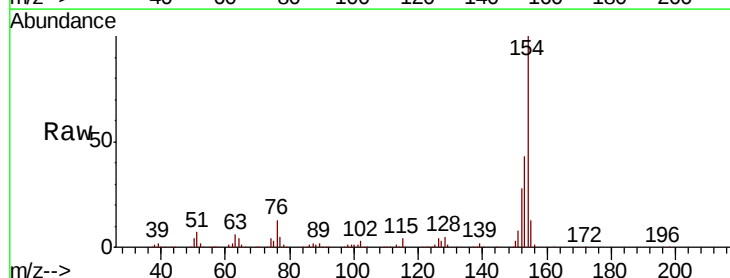
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

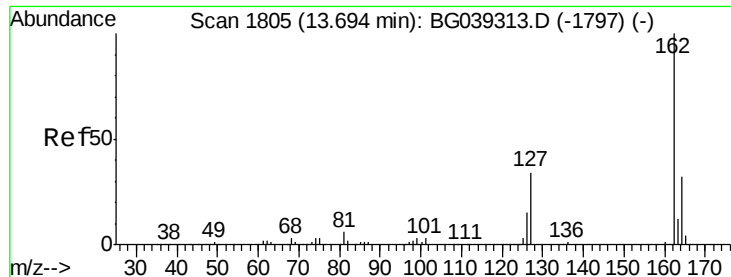
Tot Ion:172 Resp: 811984
Ion Ratio Lower Upper
172 100
171 38.1 30.8 46.2
170 24.8 20.2 30.4



#46
1,1'-Biphenyl
Concen: 40.055 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion:154 Resp: 504427
Ion Ratio Lower Upper
154 100
153 43.1 22.1 62.1
76 12.8 0.0 32.4

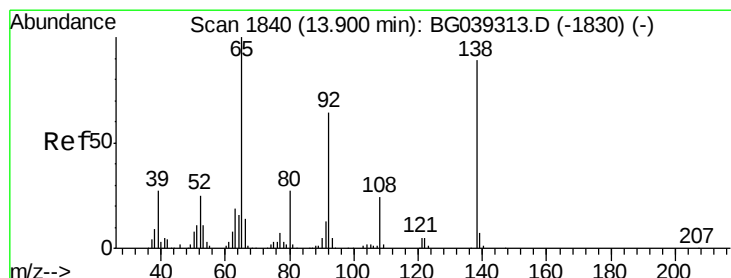
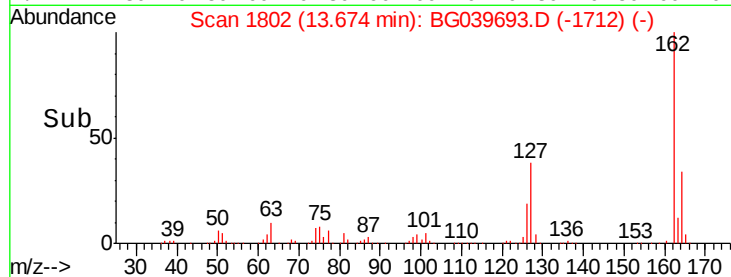
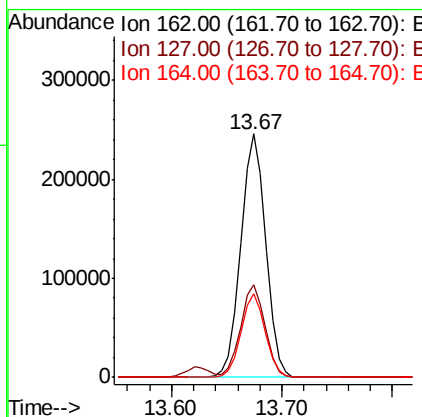
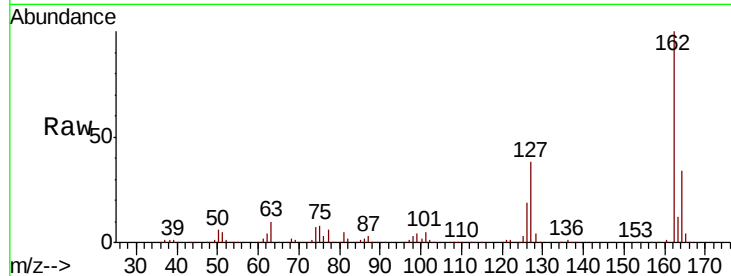




#47
 2-Chloronaphthalene
 Concen: 41.082 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

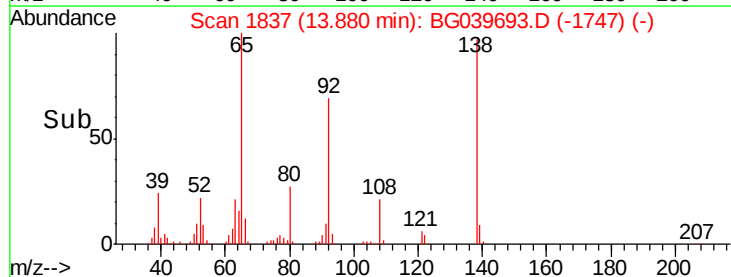
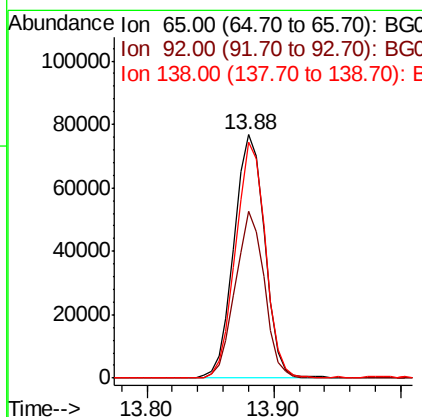
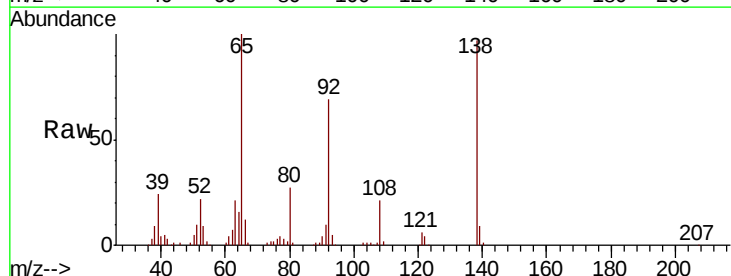
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

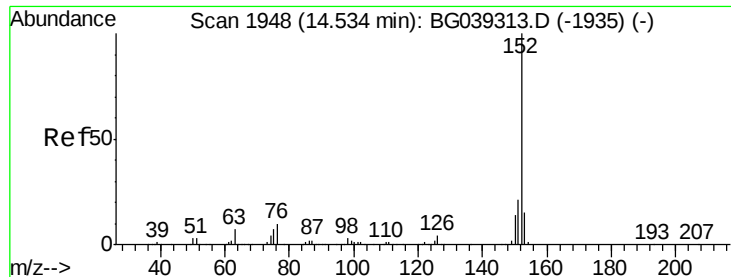
Tot Ion:162 Resp: 389198
 Ion Ratio Lower Upper
 162 100
 127 37.9 31.0 46.6
 164 34.1 25.7 38.5



#48
 2-Nitroaniline
 Concen: 47.444 ng
 RT: 13.88 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Tgt Ion: 65 Resp: 128799
 Ion Ratio Lower Upper
 65 100
 92 68.8 51.4 77.2
 138 97.0 71.4 107.2





#49

Acenaphthylene

Concen: 42.540 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

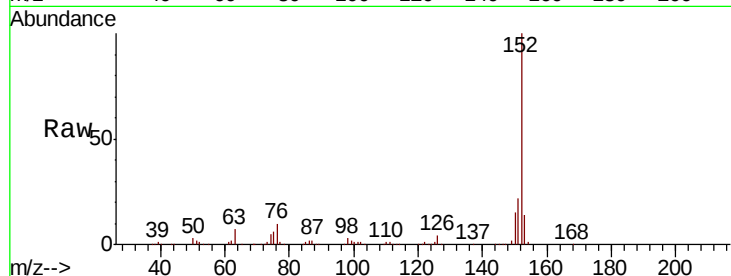
Tot Ion:152 Resp: 608111

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

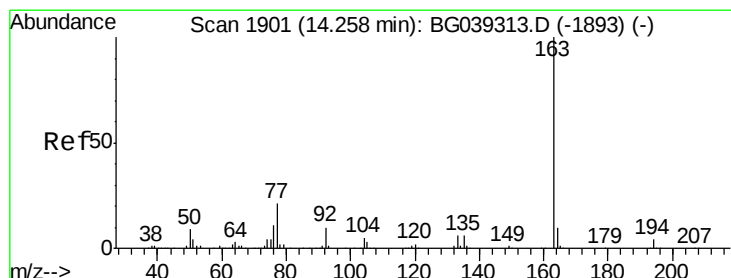
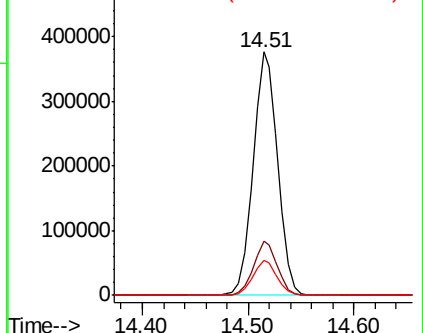
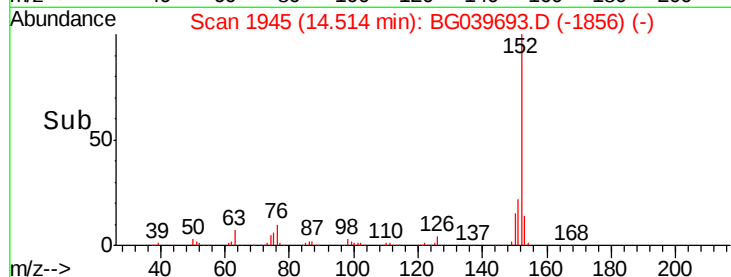
153 14.3 11.7 17.5



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: 39.988 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

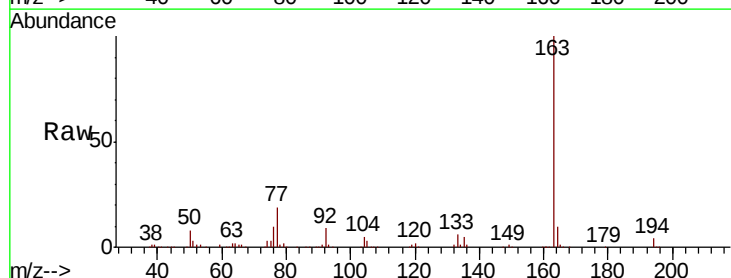
Tgt Ion:163 Resp: 488824

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

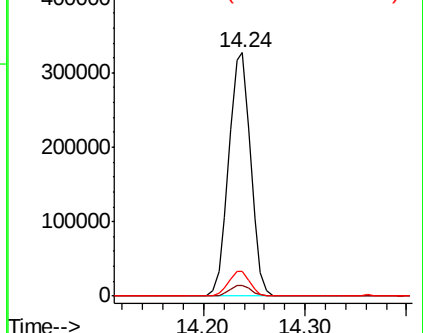
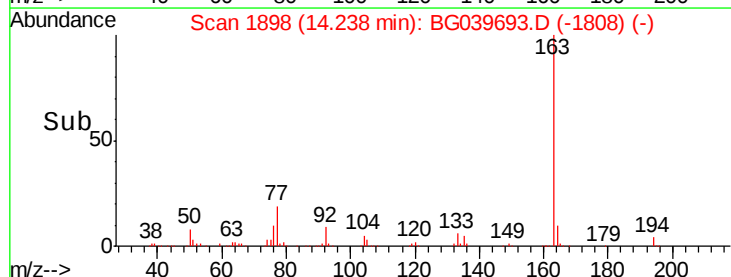
164 10.0 8.4 12.6

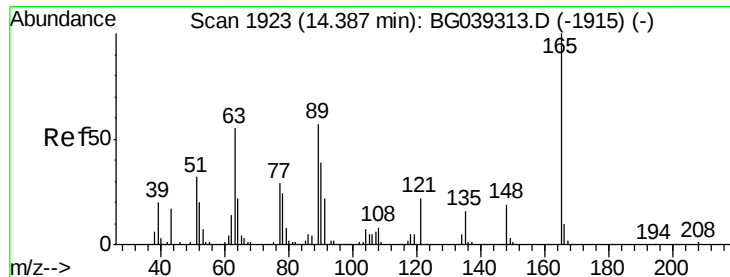


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.967 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

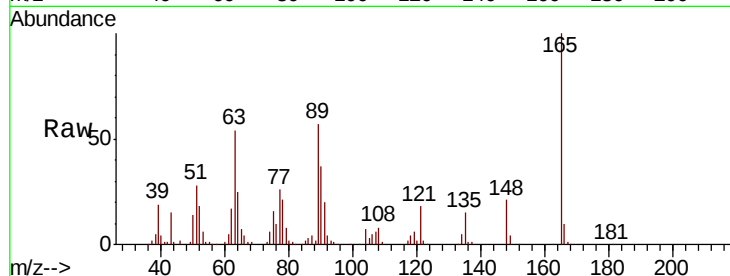
Tot Ion:165 Resp: 109575

Ion Ratio Lower Upper

165 100

63 54.0 47.0 70.6

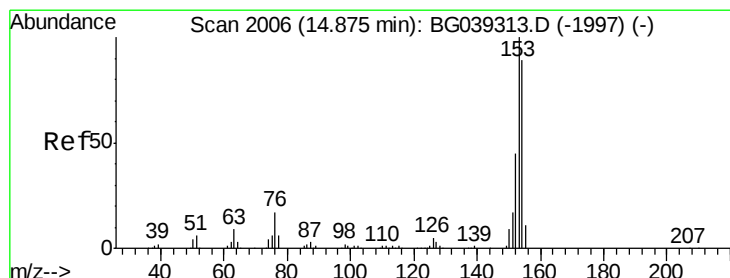
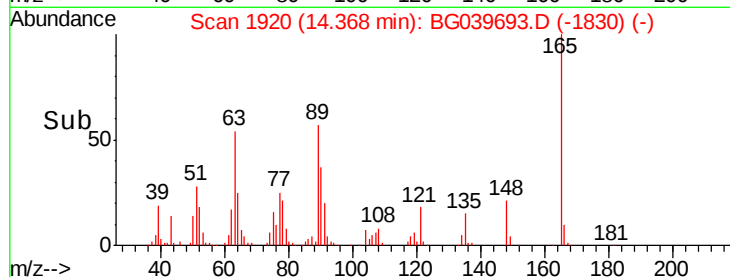
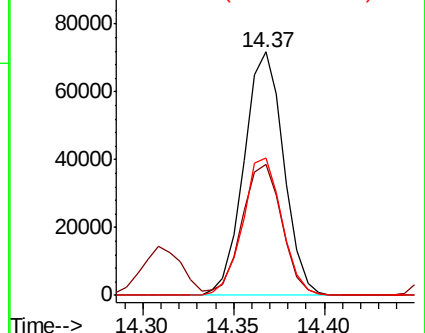
89 56.6 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.794 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

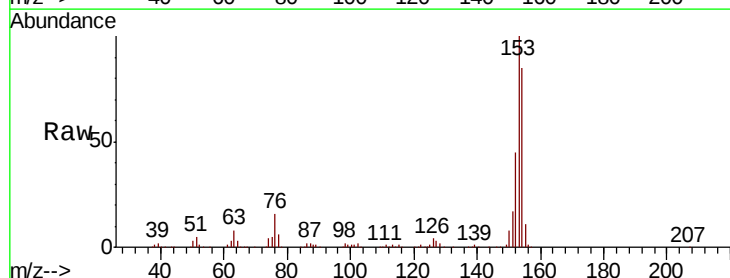
Tgt Ion:154 Resp: 369256

Ion Ratio Lower Upper

154 100

153 118.3 90.1 135.1

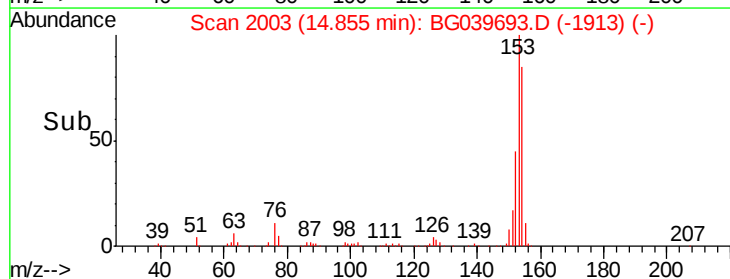
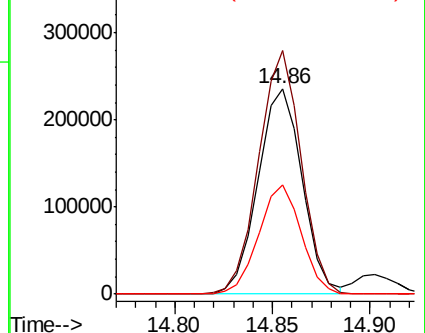
152 53.2 40.9 61.3

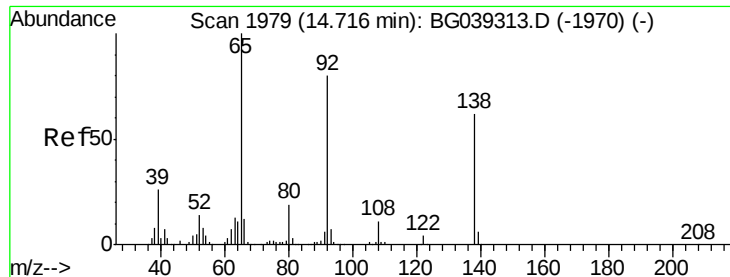


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.891 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

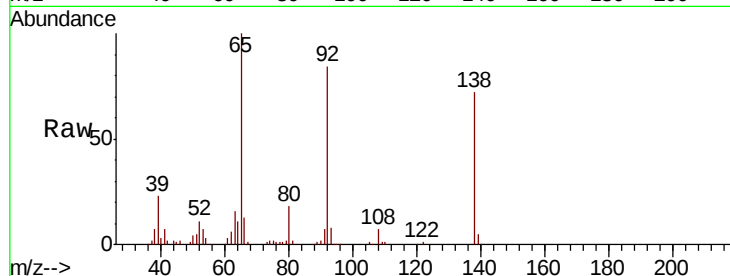
Tot Ion:138 Resp: 73166

Ion Ratio Lower Upper

138 100

108 9.9 13.8 20.8#

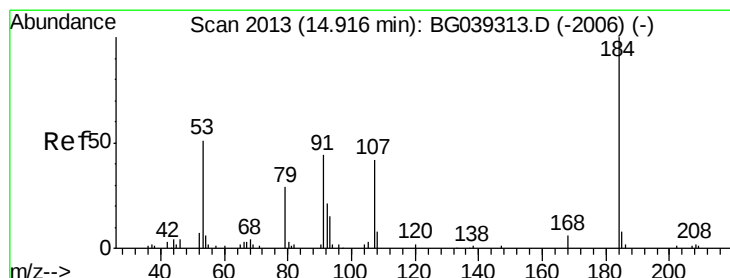
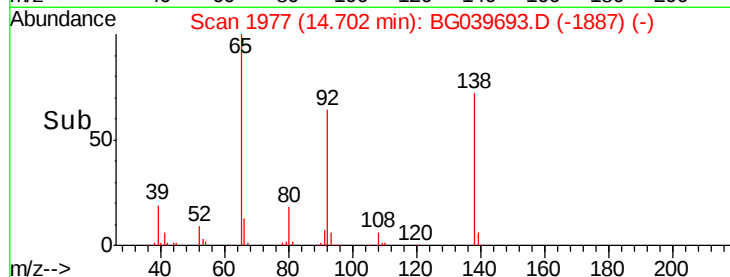
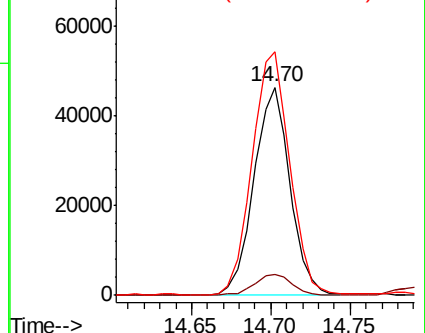
92 117.1 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 64.300 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

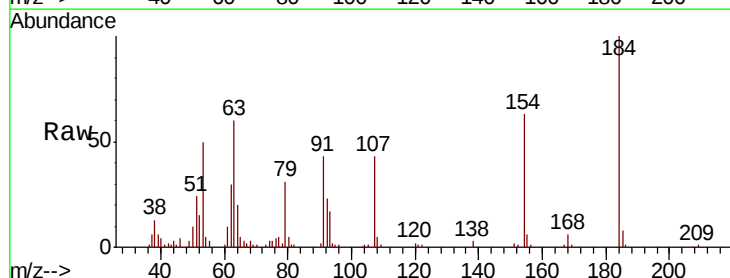
Tgt Ion:184 Resp: 58675

Ion Ratio Lower Upper

184 100

63 59.7 50.9 76.3

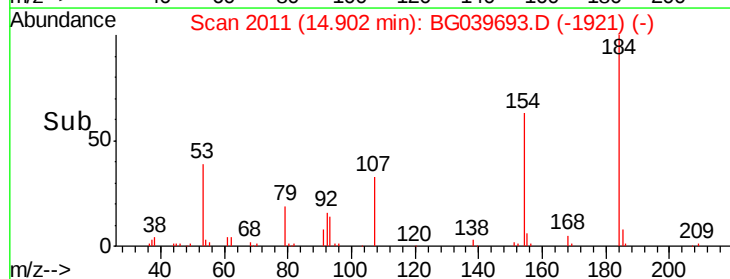
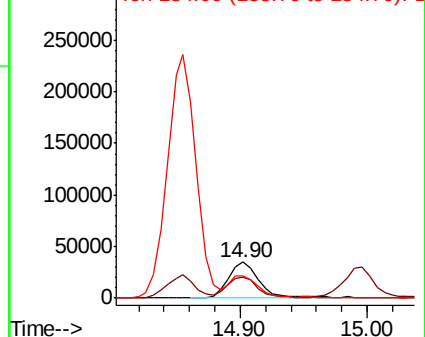
154 62.6 53.0 79.6

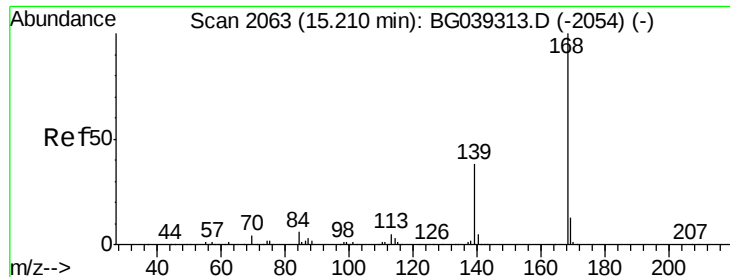


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

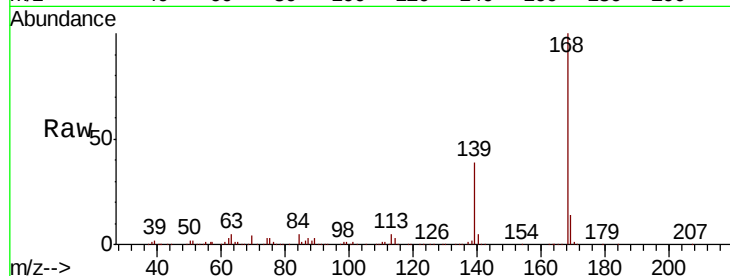




#55
Dibenzofuran
Concen: 39.940 ng
RT: 15.18 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	14.2	10.6	16.0

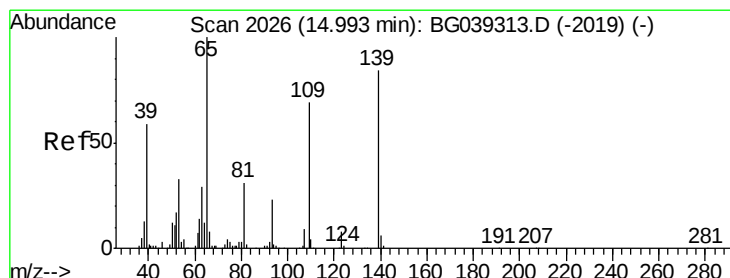
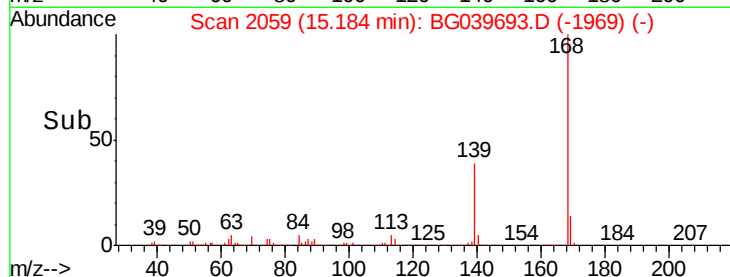
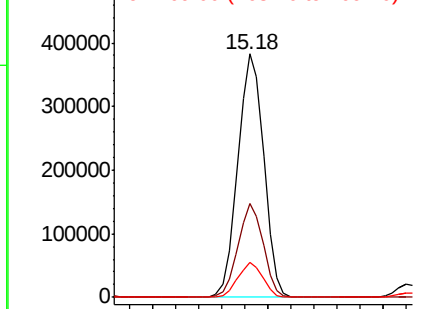


Abundance

Ion 168.00 (167.70 to 168.70): E

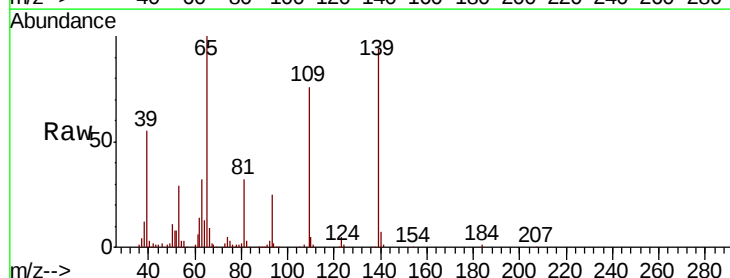
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 72.805 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.5	61.9	101.9
65	106.4	99.1	139.1

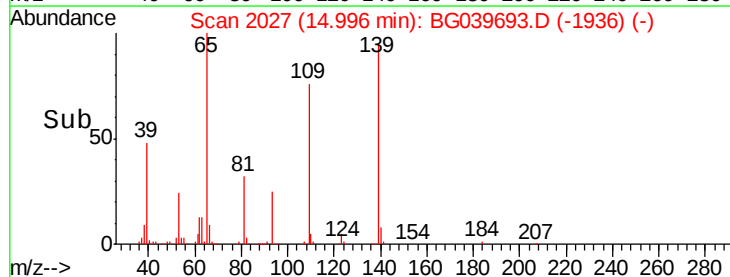
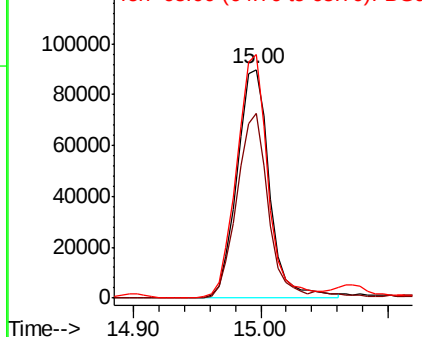


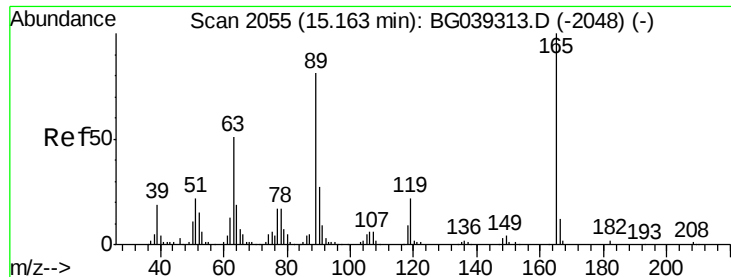
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

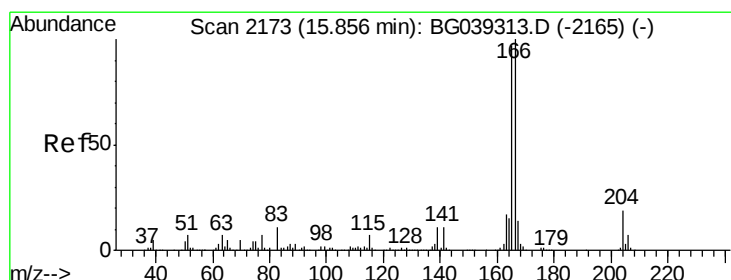
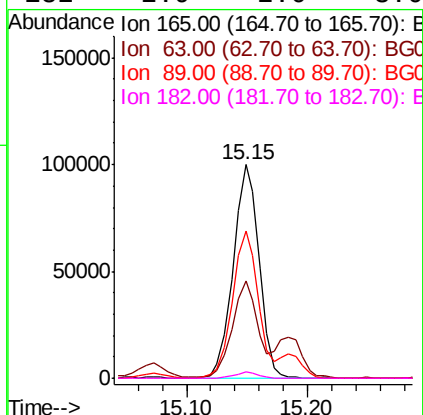
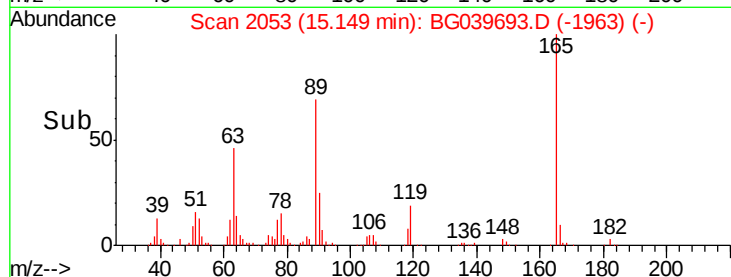
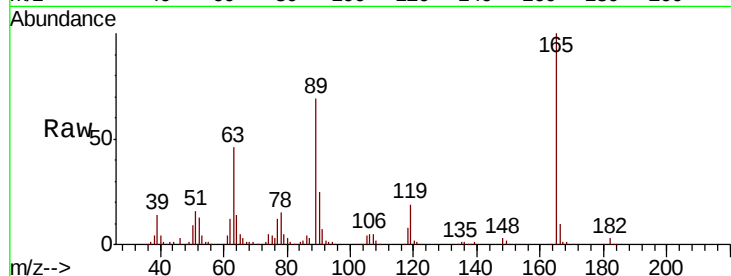




#57
 2,4-Dinitrotoluene
 Concen: 50.430 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

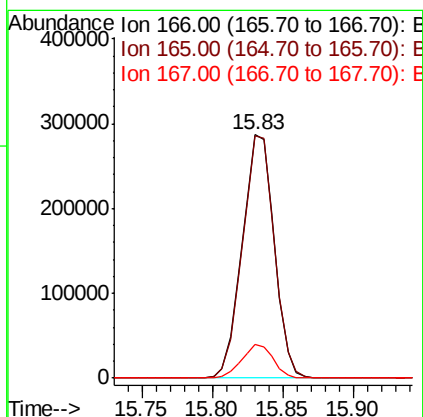
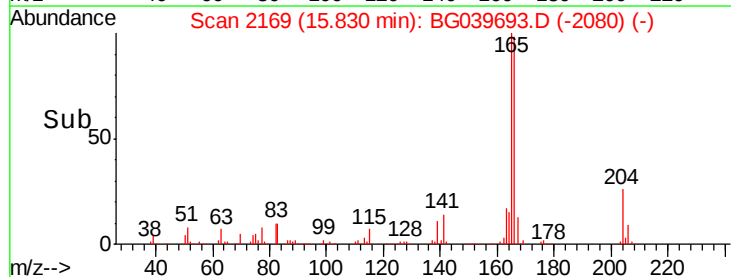
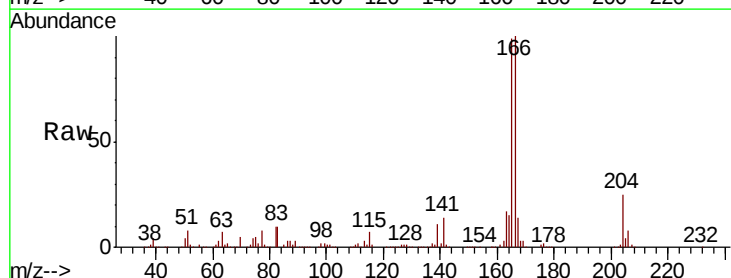
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

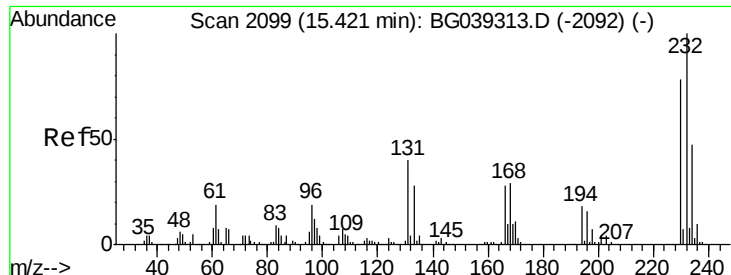
Tot Ion	165	Resp	148967
Ion	Ratio	Lower	Upper
165	100		
63	45.5	41.0	61.6
89	68.8	64.6	96.8
182	2.9	2.0	3.0



#58
 Fluorene
 Concen: 41.069 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Tgt Ion	166	Resp	455483
Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.9	116.9
167	13.9	10.8	16.2

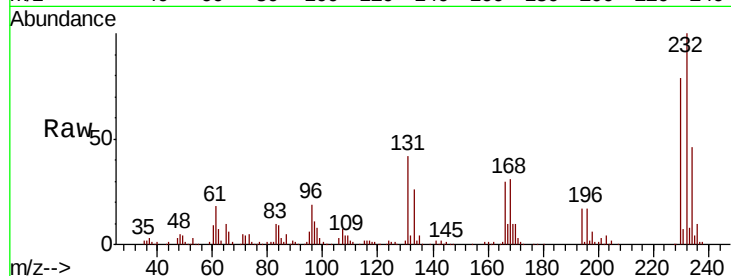




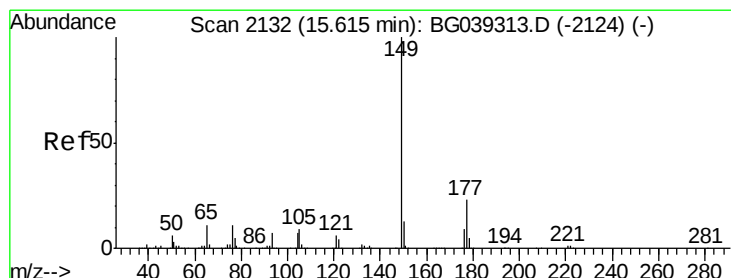
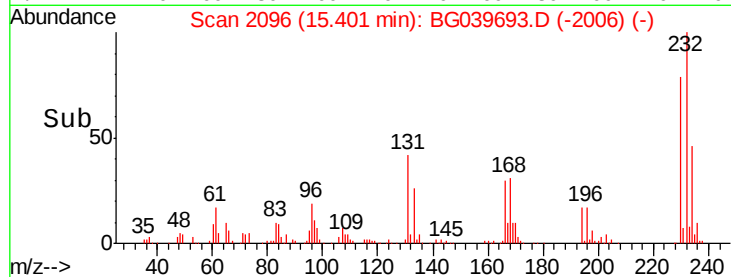
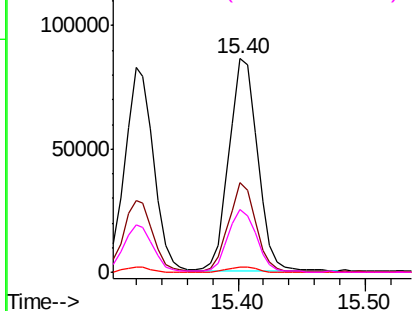
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.232 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

Tot Ion:	232	Resp:	134335
Ion	Ratio	Lower	Upper
232	100		
131	39.9	34.9	52.3
130	2.4	2.0	3.0
166	29.8	24.1	36.1

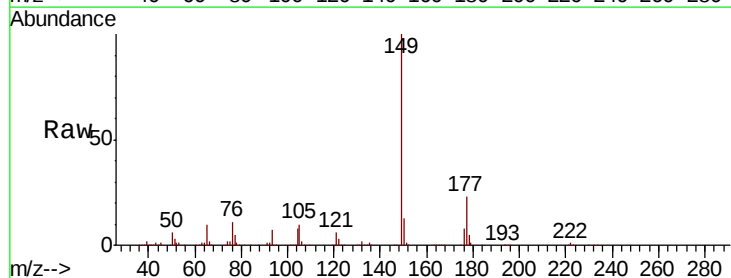


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

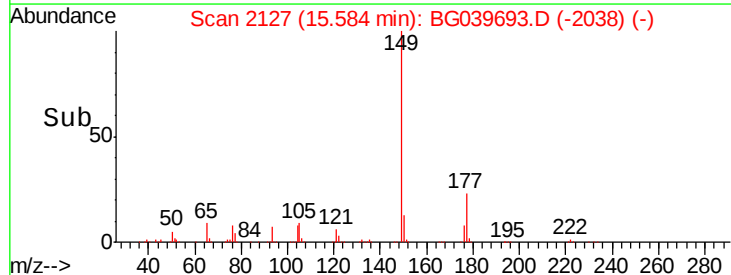
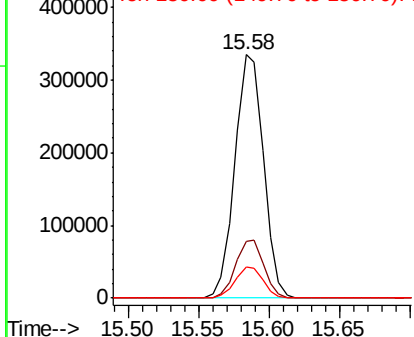


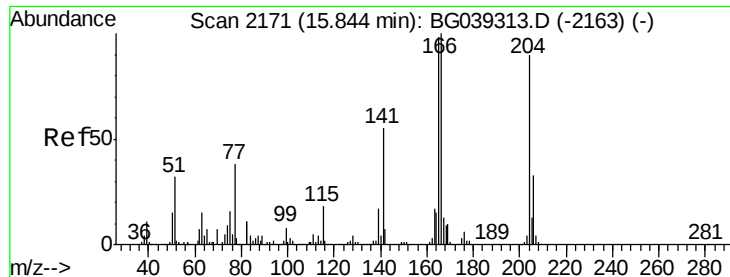
#60
 Diethylphthalate
 Concen: 37.482 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Tgt Ion:	149	Resp:	473728
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	12.8	10.2	15.2



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

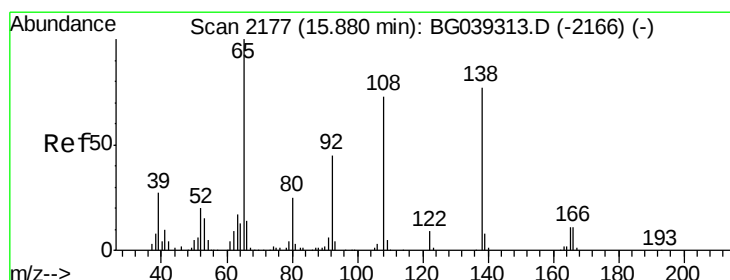
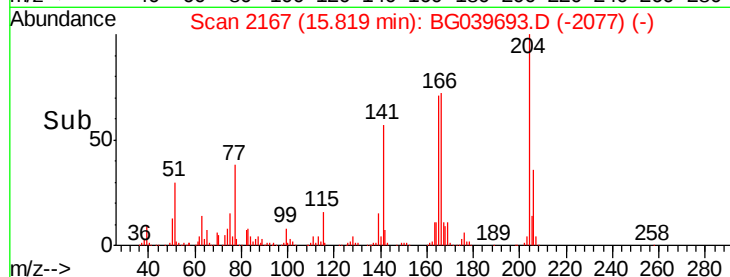
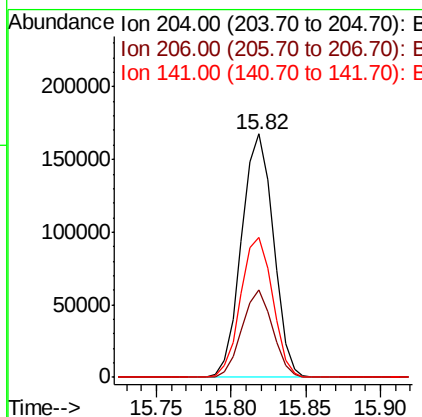
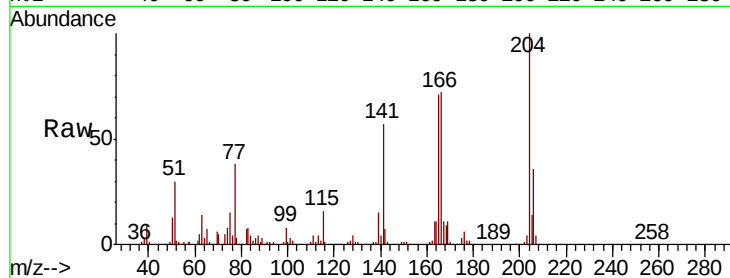




#61
 4-Chlorophenyl-phenylether
 Concen: 39.470 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

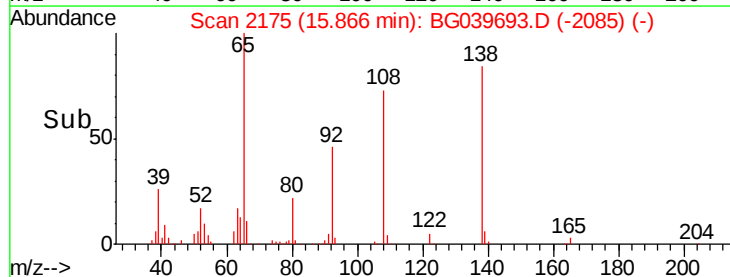
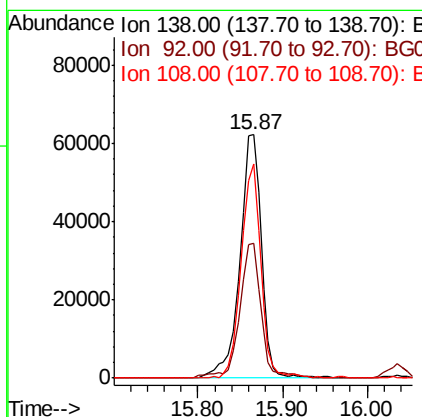
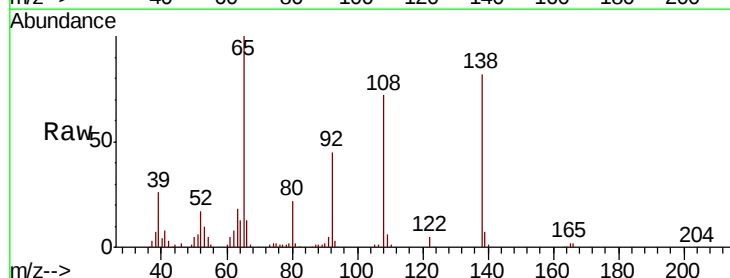
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

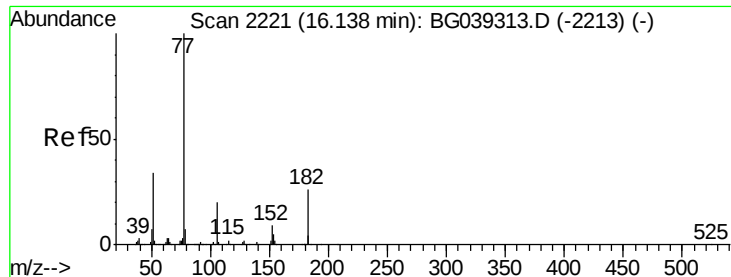
Tot Ion:204 Resp: 247868
 Ion Ratio Lower Upper
 204 100
 206 35.8 29.2 43.8
 141 57.5 49.0 73.4



#62
 4-Nitroaniline
 Concen: 43.004 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Tgt Ion:138 Resp: 109008
 Ion Ratio Lower Upper
 138 100
 92 55.4 38.7 78.7
 108 88.1 74.6 114.6

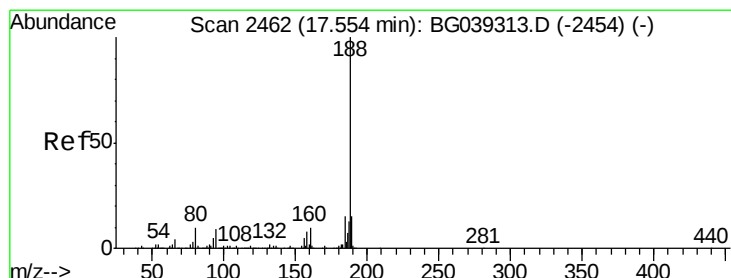
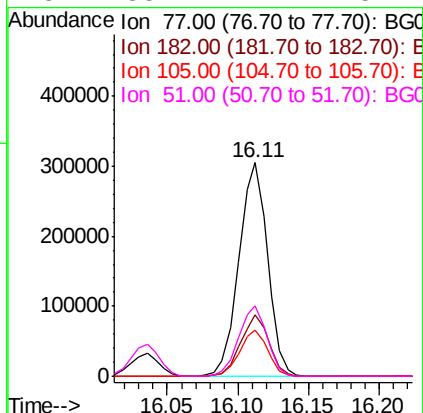
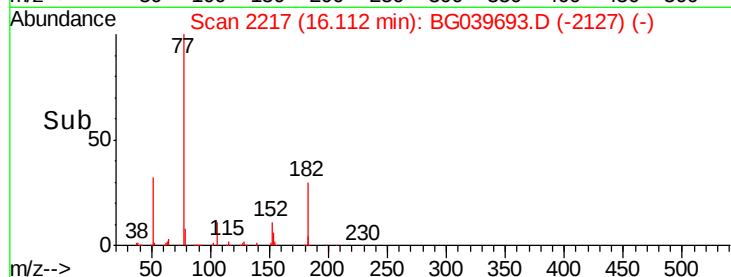
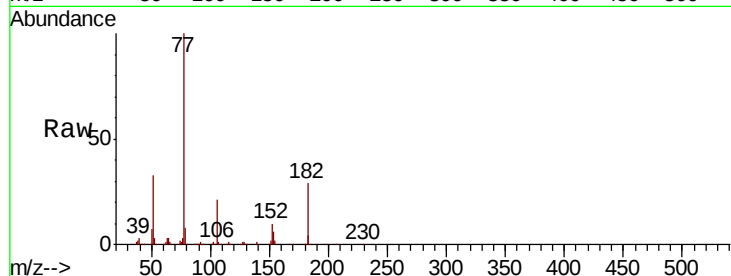




#63
Azobenzene
Concen: 34.996 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

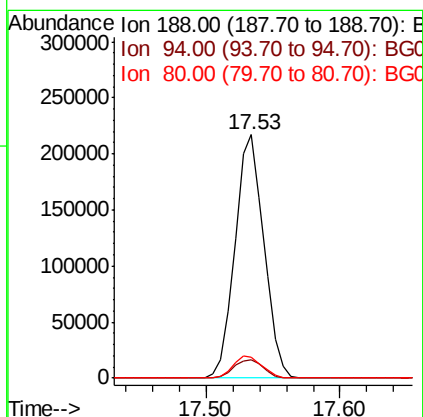
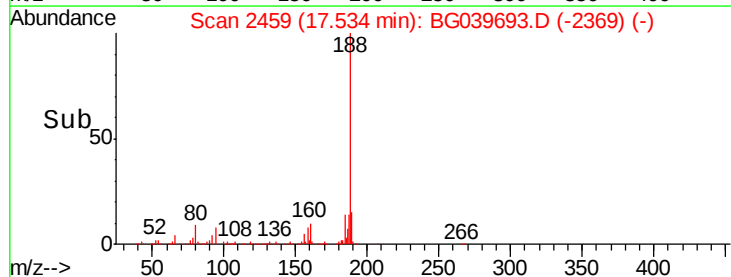
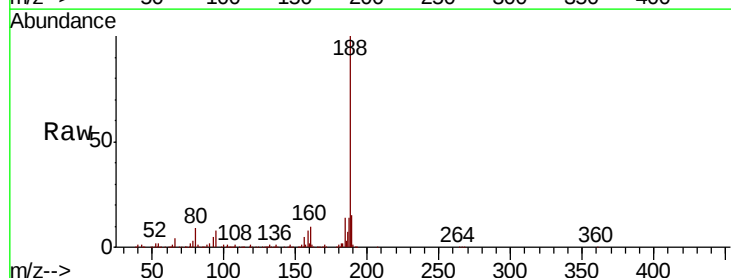
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

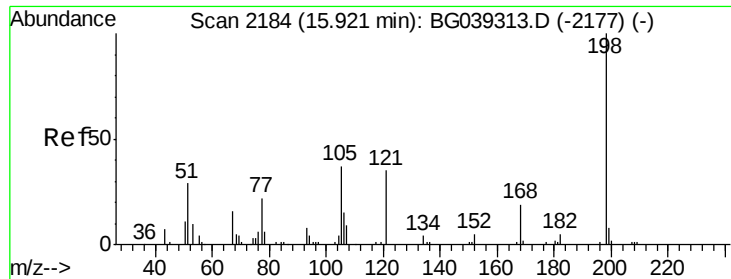
Tot Ion:	77	Resp:	432313
Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.4	46.4
105	21.3	0.0	39.8
51	33.2	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion:	188	Resp:	326192
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.8	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.538 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

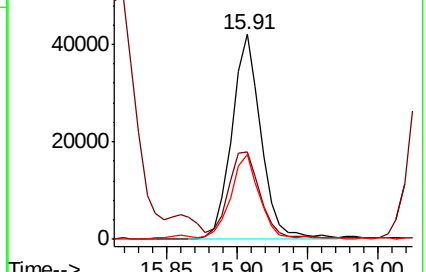
Tot Ion:198 Resp: 60847

Ion	Ratio	Lower	Upper
198	100		
51	43.0	27.4	67.4
105	41.4	19.7	59.7

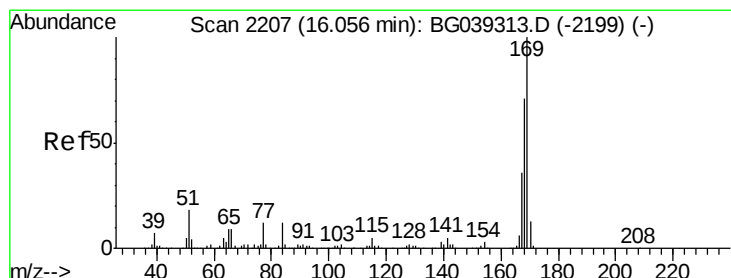
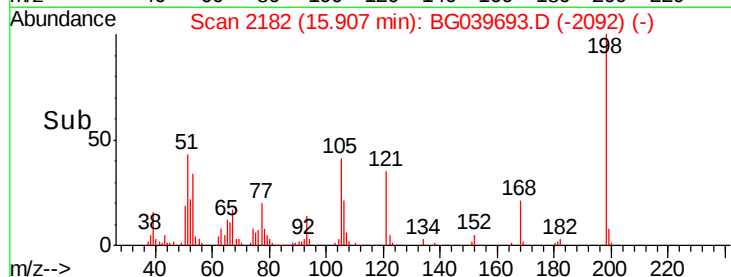
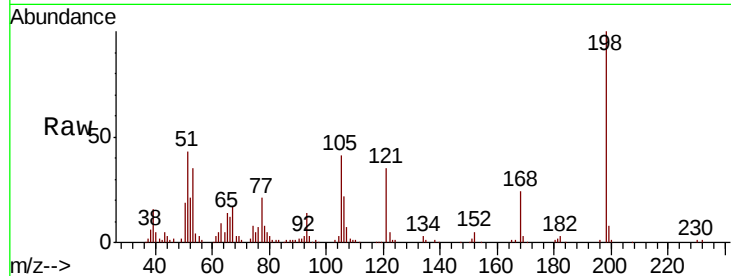
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039693.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.753 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

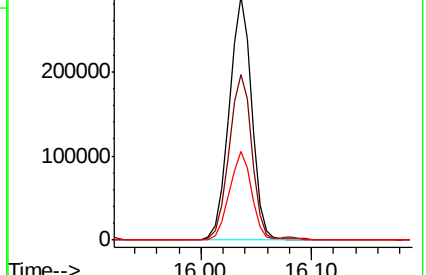
Tgt Ion:169 Resp: 414120

Ion	Ratio	Lower	Upper
169	100		
168	67.9	56.6	85.0
167	36.4	28.8	43.2

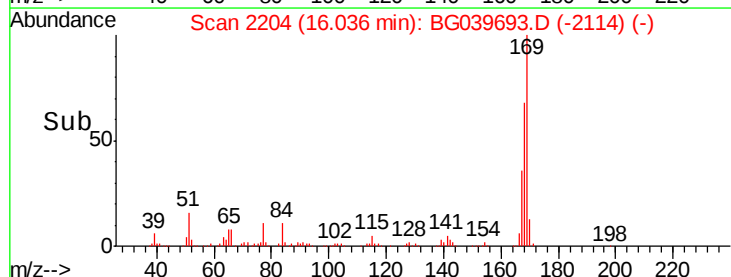
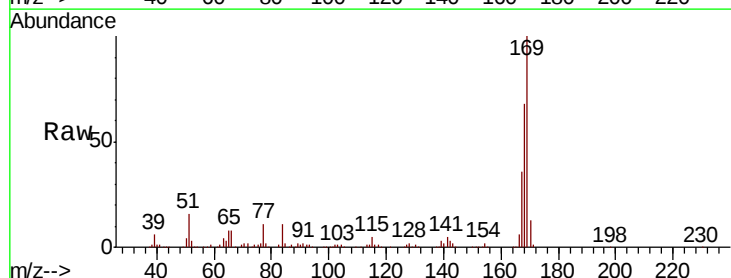
Abundance Ion 169.00 (168.70 to 169.70): E

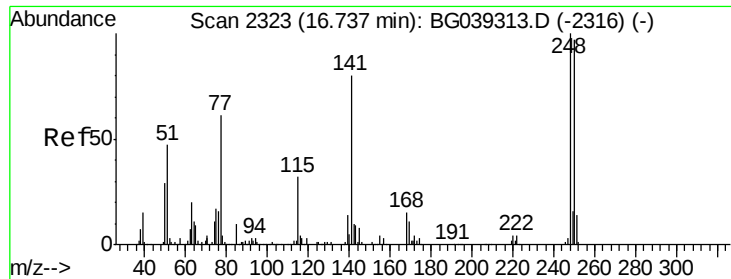
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

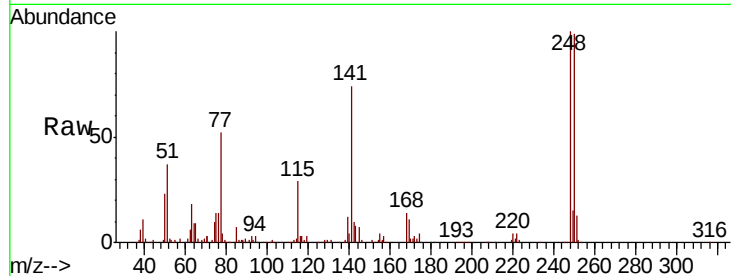




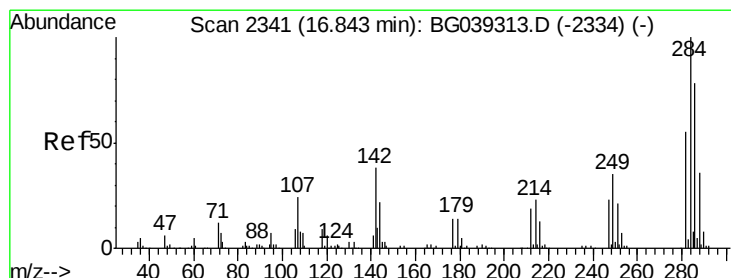
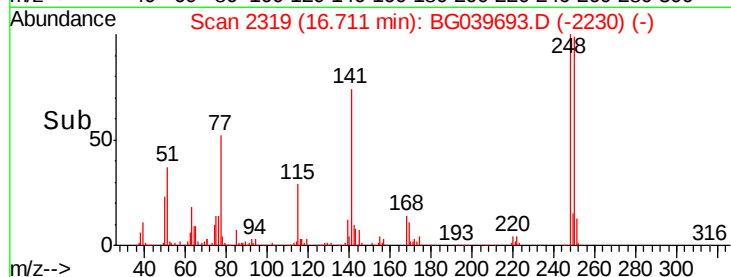
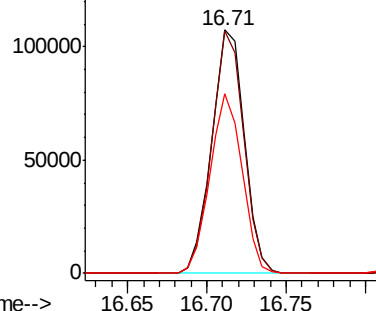
#67
 4-Bromophenyl-phenylether
 Concen: 42.562 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Instrument :
 BNA_G
 ClientSampleID :
 PB117428BSD

Tot Ion:248 Resp: 154021
 Ion Ratio Lower Upper
 248 100
 250 99.5 77.6 116.4
 141 73.7 63.9 95.9

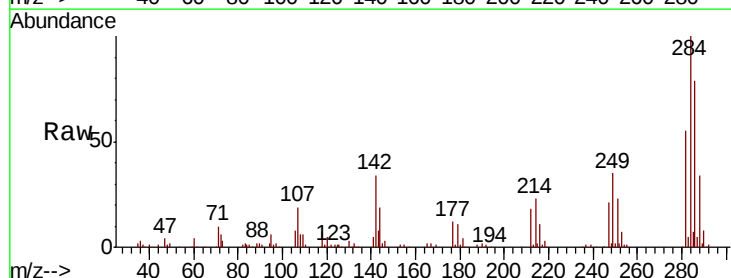


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

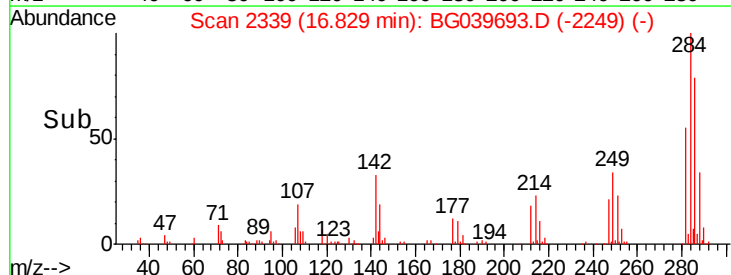
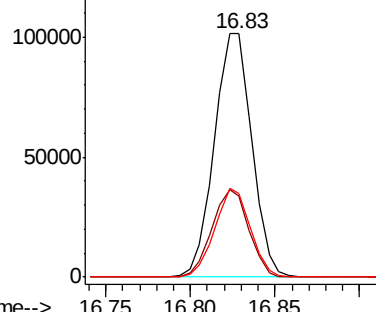


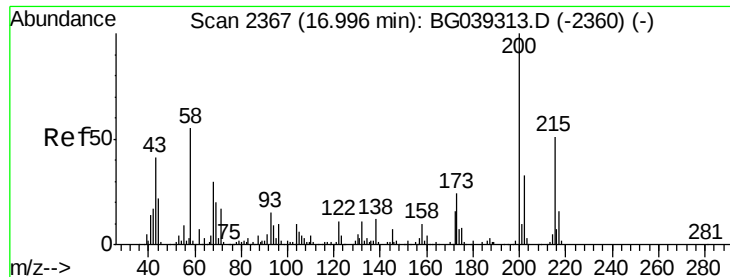
#68
 Hexachlorobenzene
 Concen: 43.287 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Tgt Ion:284 Resp: 157162
 Ion Ratio Lower Upper
 284 100
 142 33.5 30.6 45.8
 249 34.5 28.2 42.2



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





#69

Atrazine

Concen: 42.601 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

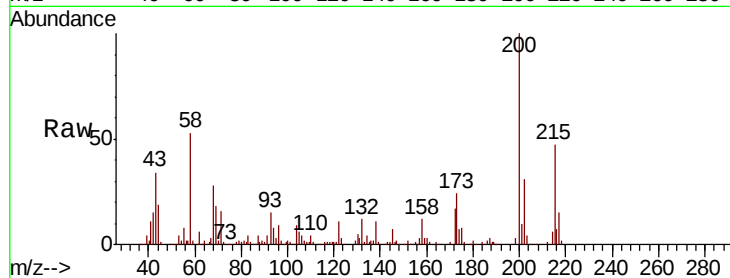
Tot Ion:200 Resp: 154411

Ion Ratio Lower Upper

200 100

173 24.5 3.9 43.9

215 46.7 30.9 70.9

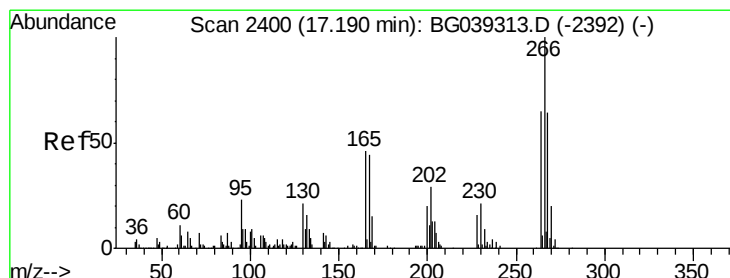
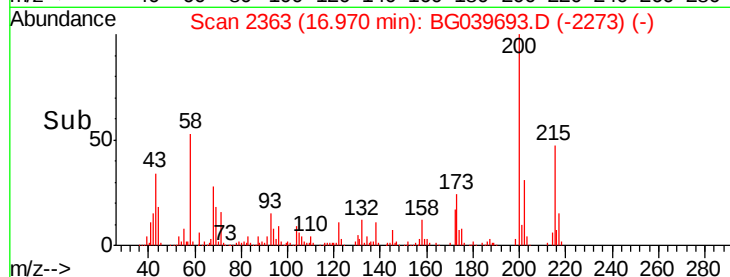
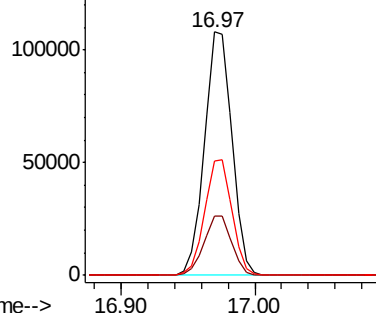


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.665 ng

RT: 17.18 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

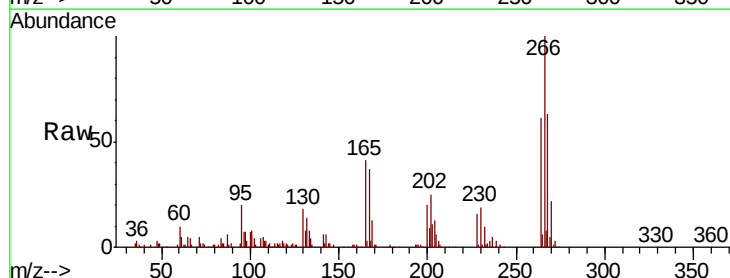
Tgt Ion:266 Resp: 178315

Ion Ratio Lower Upper

266 100

268 62.6 51.1 76.7

264 60.6 52.1 78.1

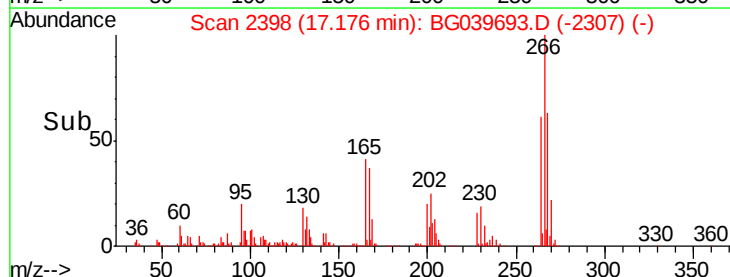
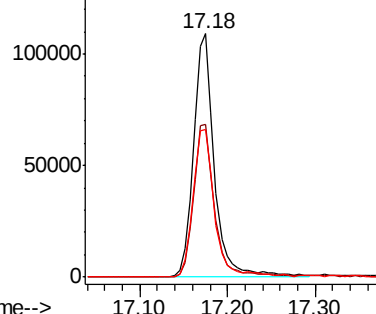


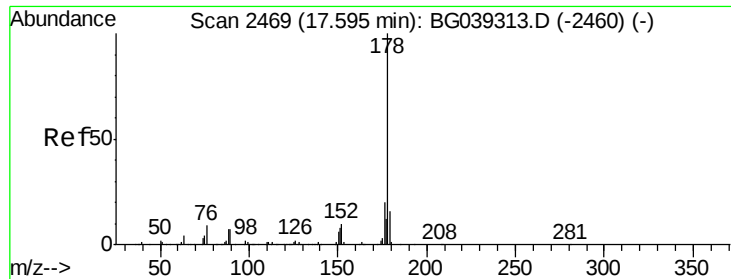
Abundance

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

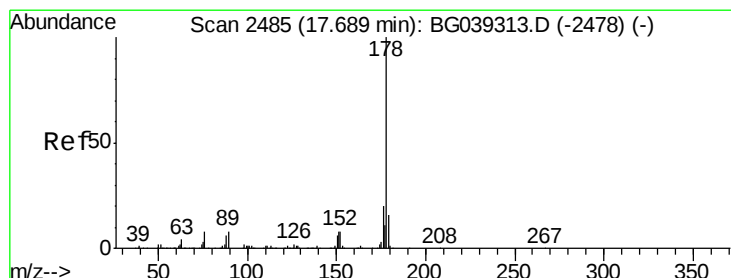
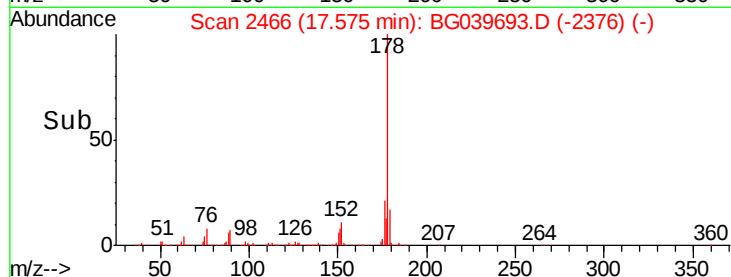
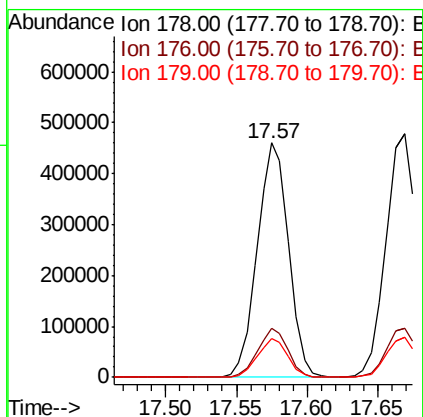
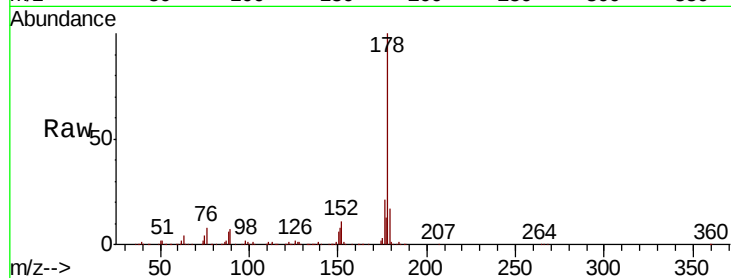




#71
Phenanthrene
Concen: 42.373 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

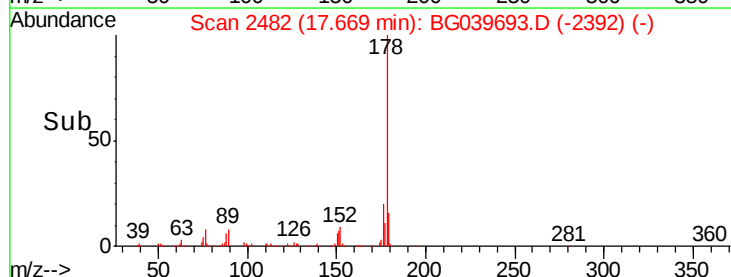
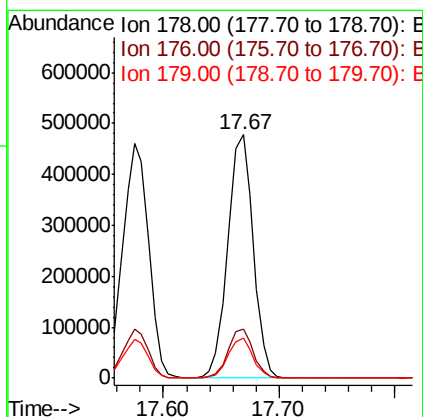
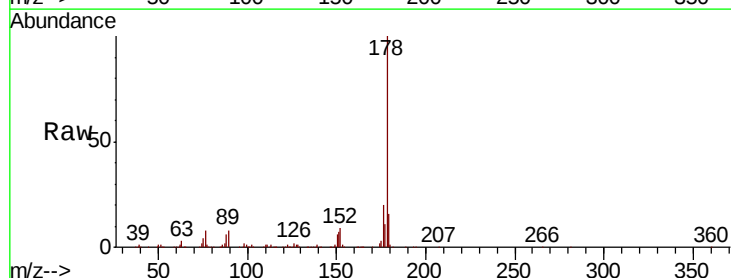
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

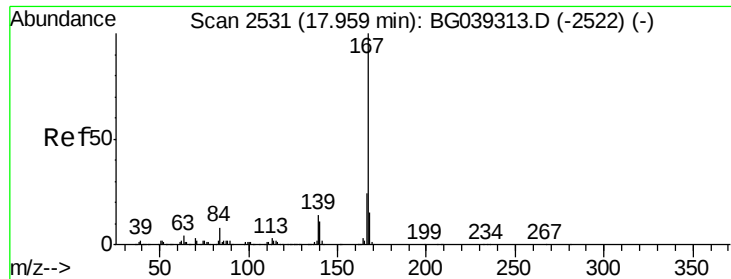
Tot Ion:178 Resp: 715373
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.8 12.6 19.0



#72
Anthracene
Concen: 43.713 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion:178 Resp: 726927
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 16.2 12.5 18.7

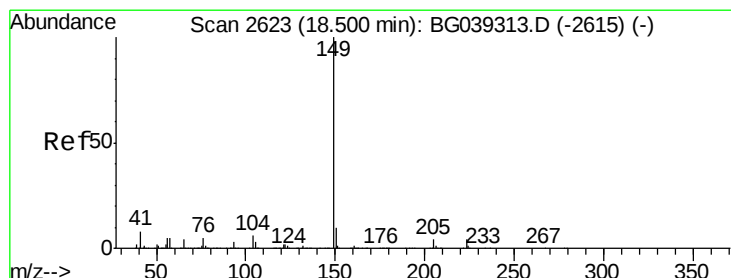
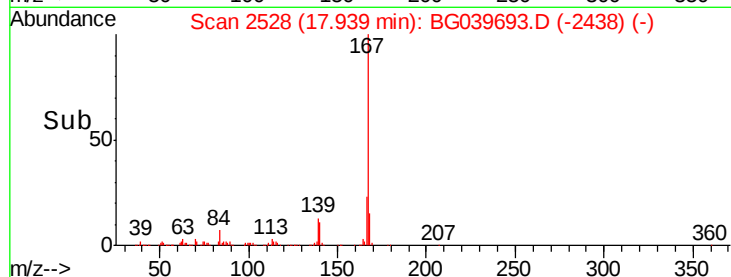
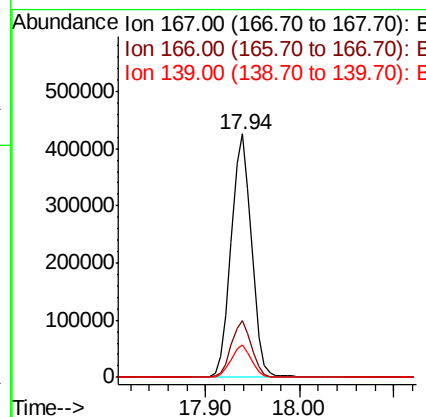
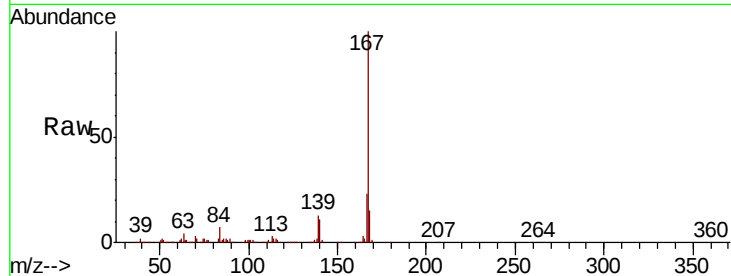




#73
 Carbazole
 Concen: 38.615 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

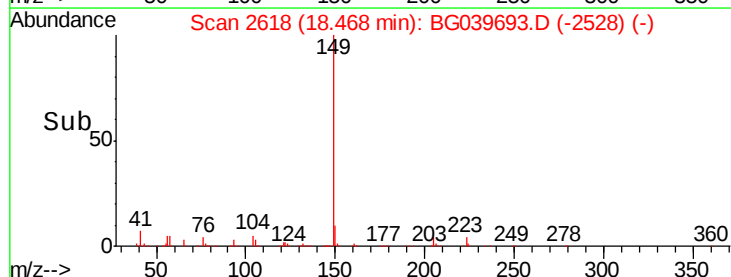
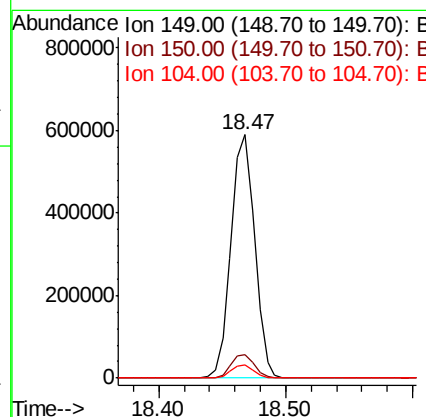
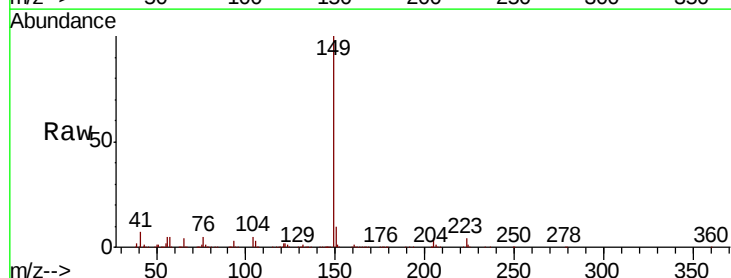
Instrument :
 BNA_G
 ClientSampled :
 PB117428BSD

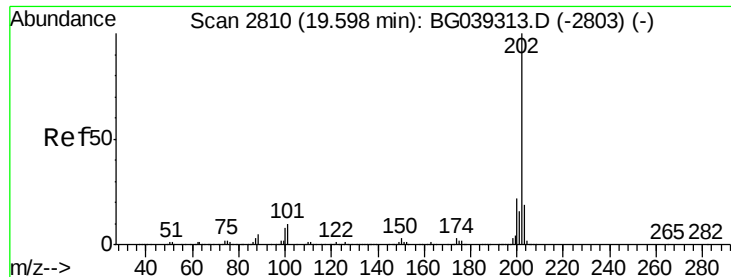
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.4	29.2
139	13.3	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 39.254 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 43.989 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

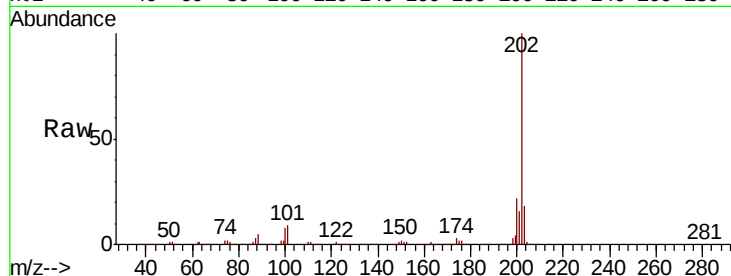
Tot Ion:202 Resp: 861989

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.0

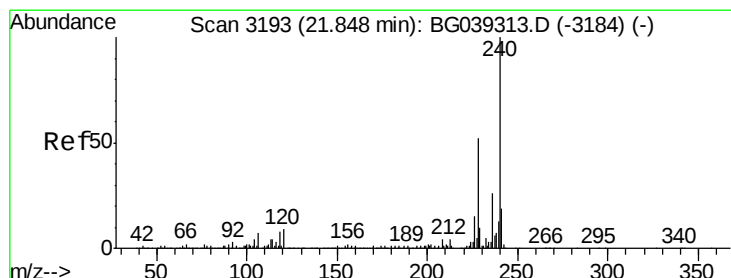
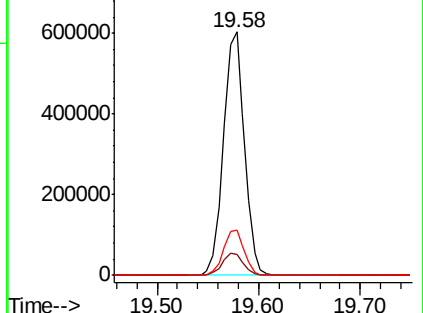
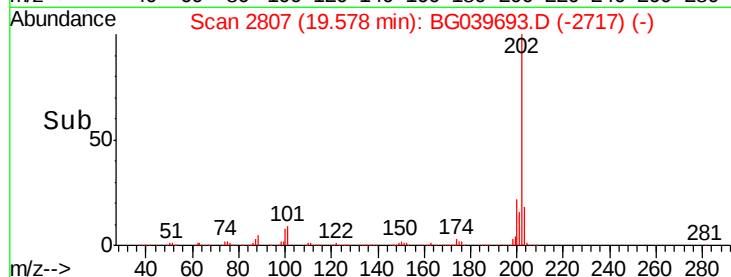
203 18.5 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

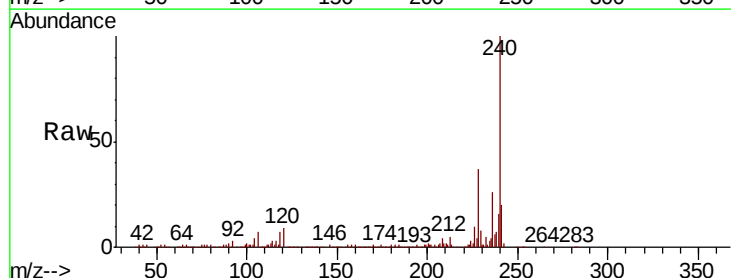
Tgt Ion:240 Resp: 331524

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

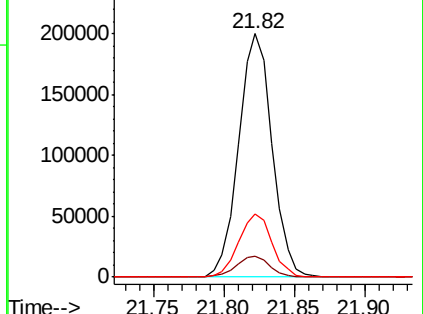
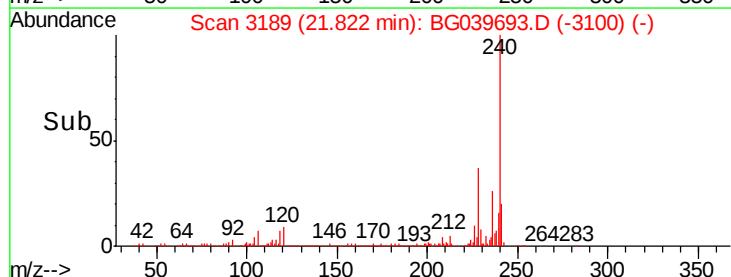
236 26.0 21.0 31.4

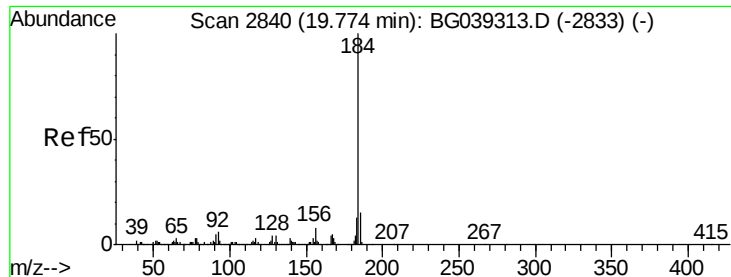


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

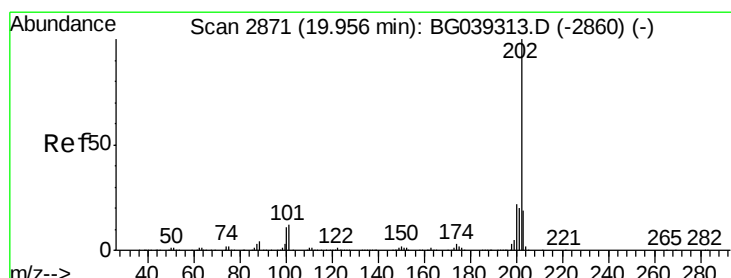
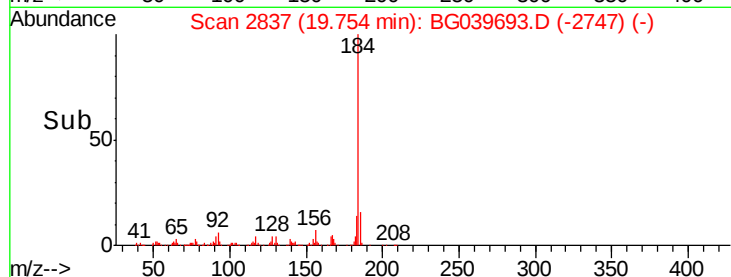
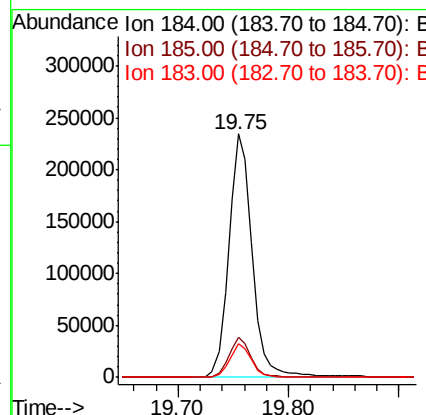
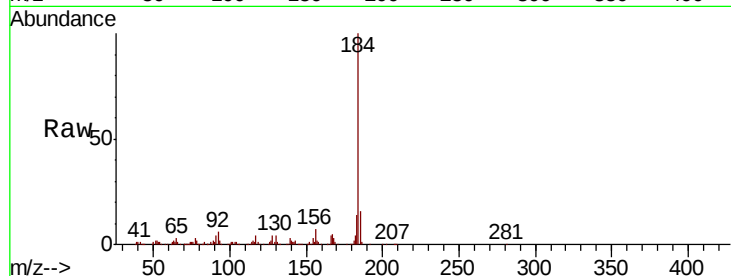




#77
Benzidine
Concen: 31.858 ng
RT: 19.75 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

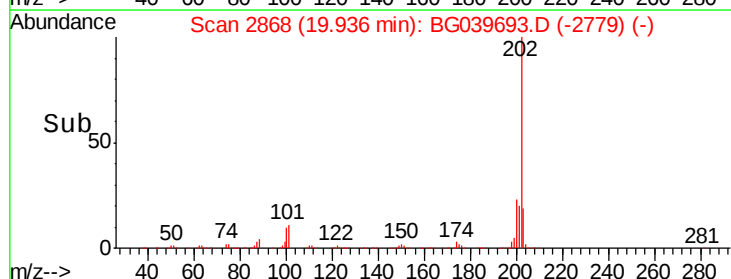
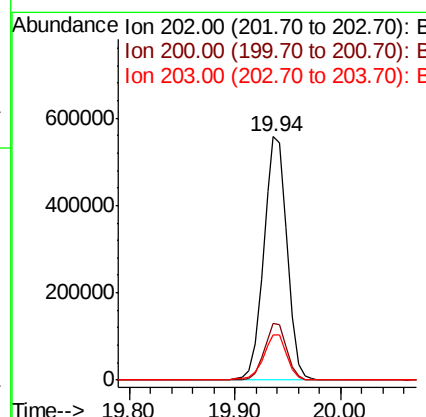
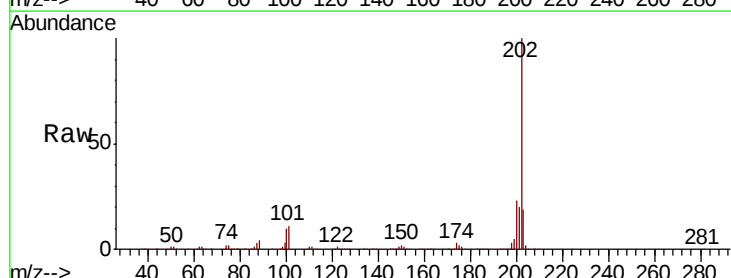
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

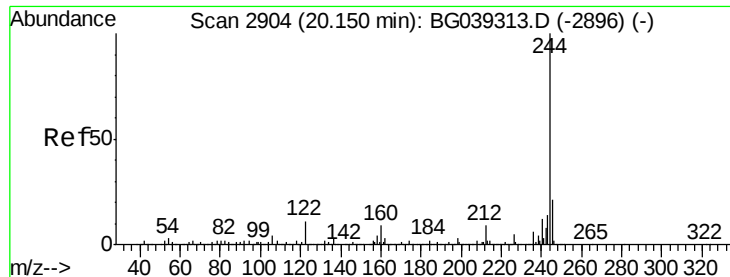
Tot Ion:184 Resp: 346271
Ion Ratio Lower Upper
184 100
185 16.4 12.2 18.2
183 13.9 10.6 15.8



#78
Pyrene
Concen: 41.464 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion:202 Resp: 855739
Ion Ratio Lower Upper
202 100
200 23.2 17.8 26.8
203 18.6 15.3 22.9





#79

Terphenyl-d14

Concen: 74.423 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

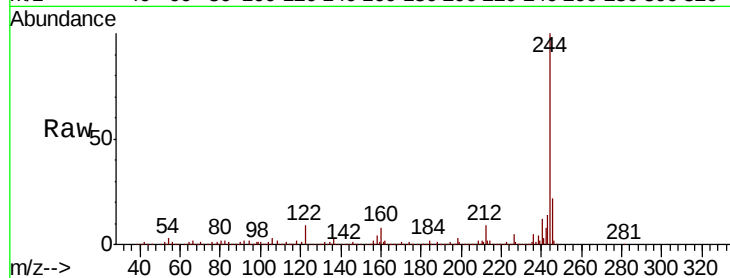
Tot Ion:244 Resp: 1165647

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

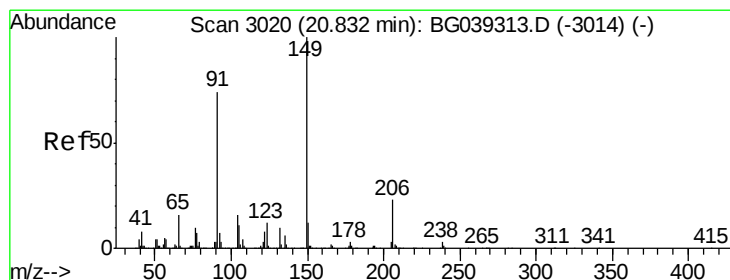
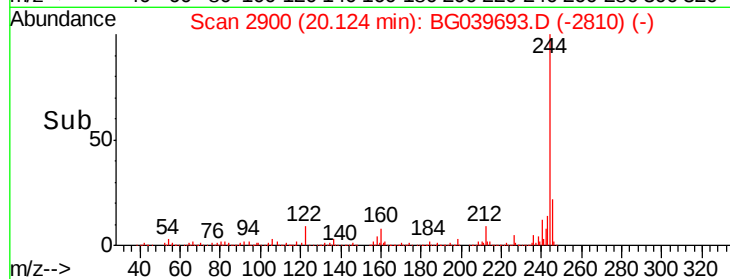
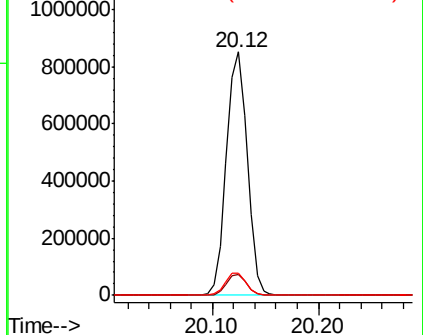
122 9.3 8.4 12.6



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: 42.877 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

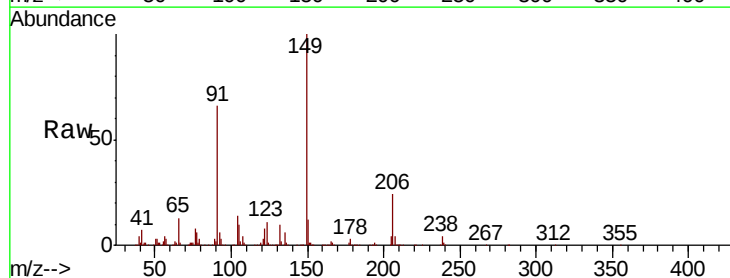
Tgt Ion:149 Resp: 373283

Ion Ratio Lower Upper

149 100

91 66.5 59.5 89.3

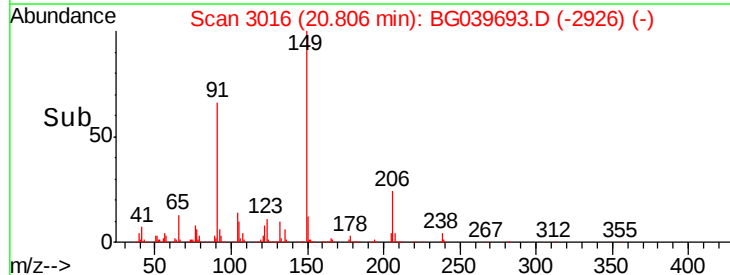
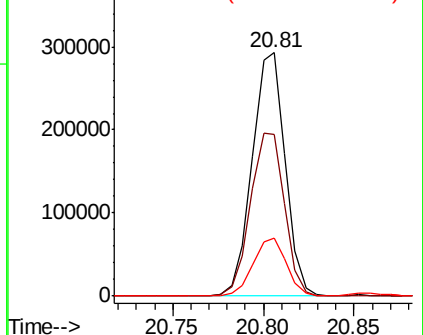
206 23.9 18.6 27.8

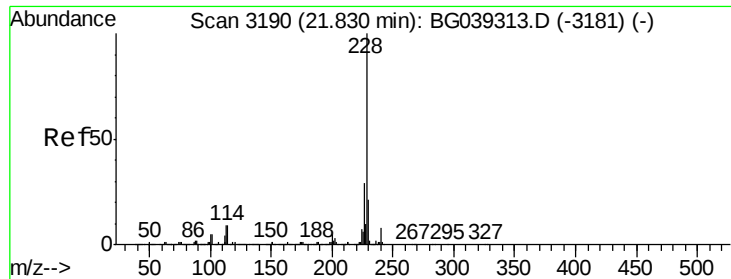


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.355 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

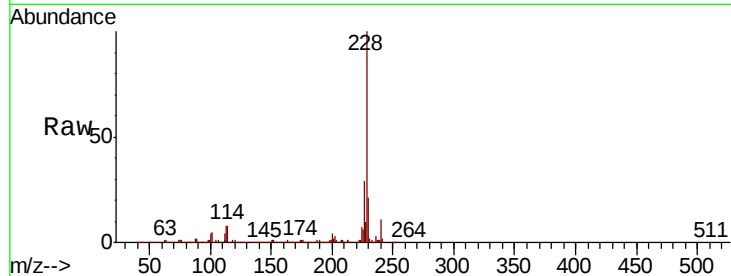
Tot Ion:228 Resp: 829716

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.6

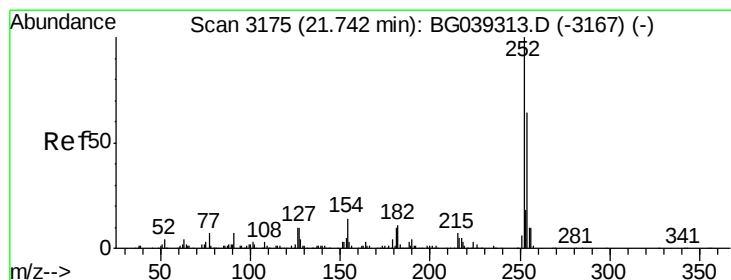
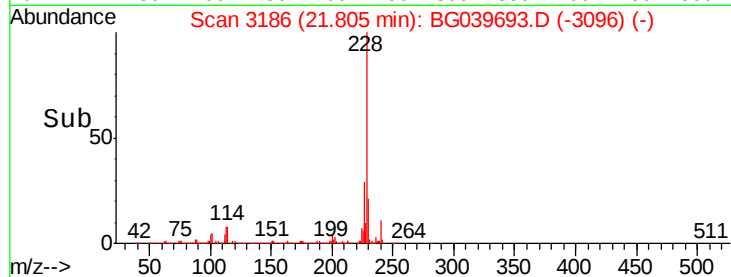
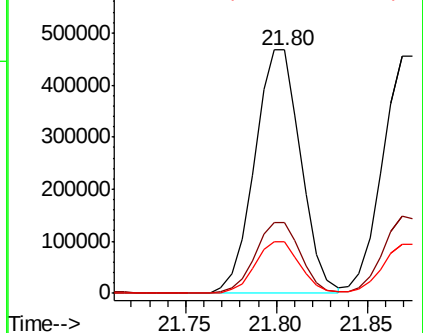
229 21.3 16.9 25.3



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: 28.438 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

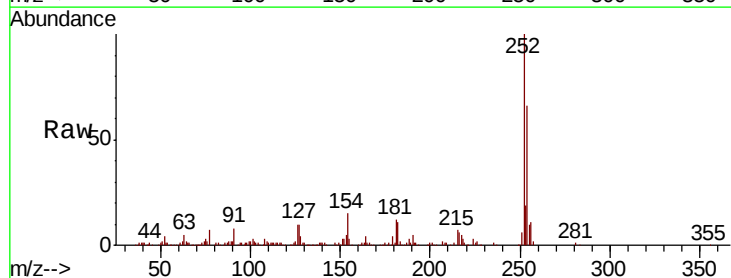
Tgt Ion:252 Resp: 206567

Ion Ratio Lower Upper

252 100

254 66.4 51.3 76.9

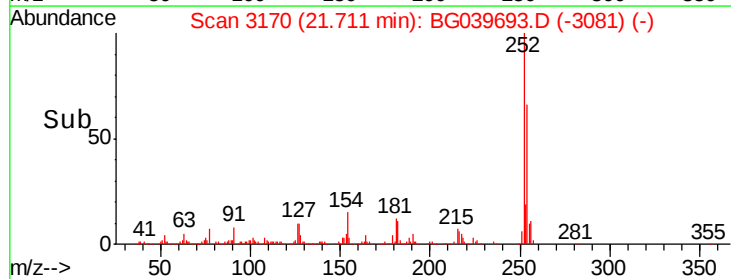
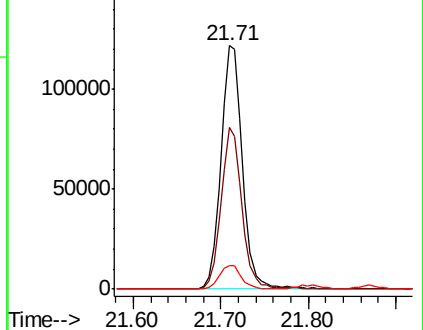
126 9.8 8.0 12.0

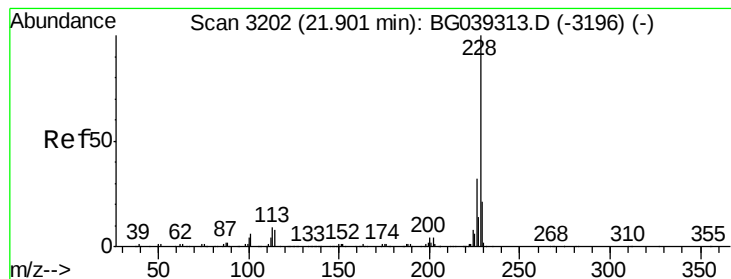


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.296 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

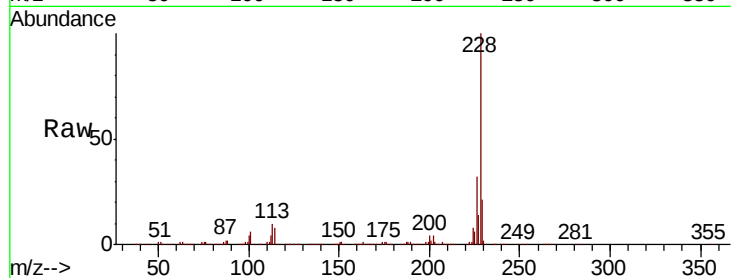
BNA_G

ClientSampleId :

PB117428BSD

Tot Ion:228 Resp: 807385

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.8	38.6
229	20.7	16.6	25.0

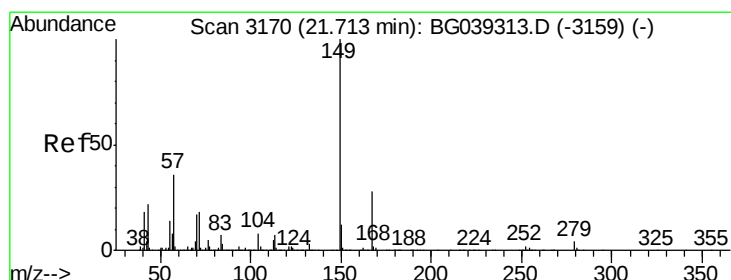
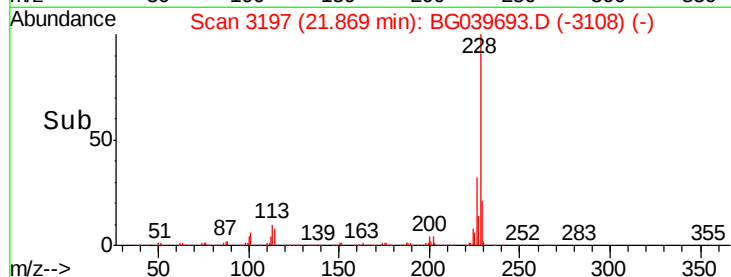
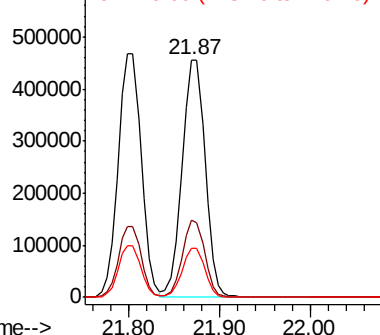


Abundance

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: 42.074 ng

RT: 21.66 min Scan# 3162

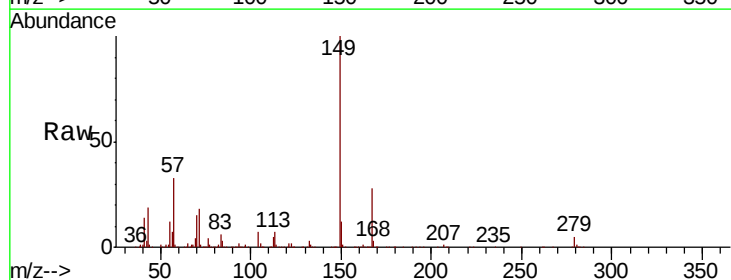
Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Tgt Ion:149 Resp: 522575

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	5.1	3.5	5.3

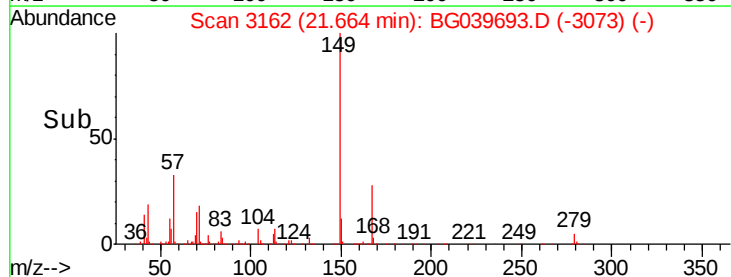
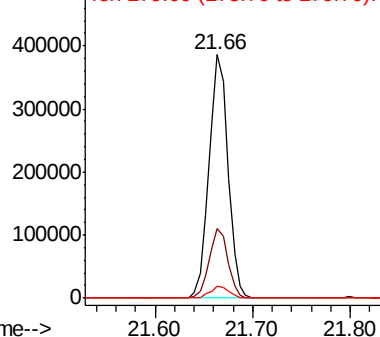


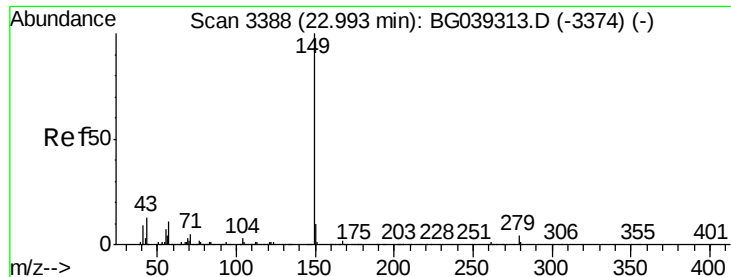
Abundance

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

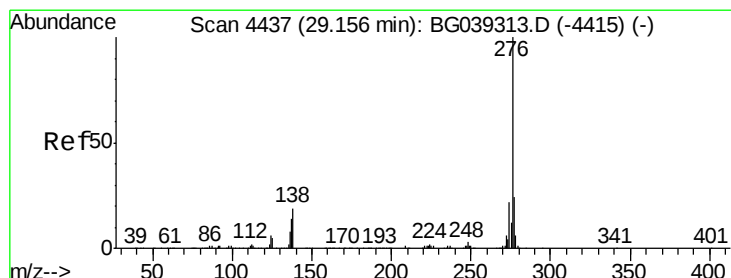
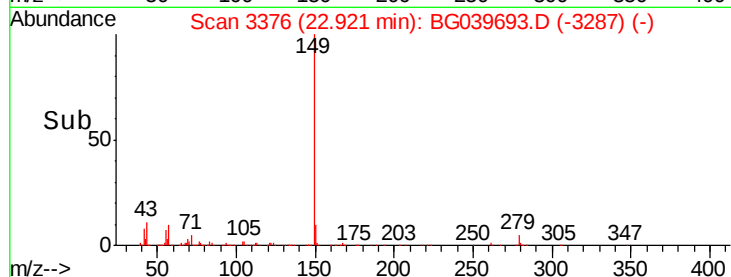
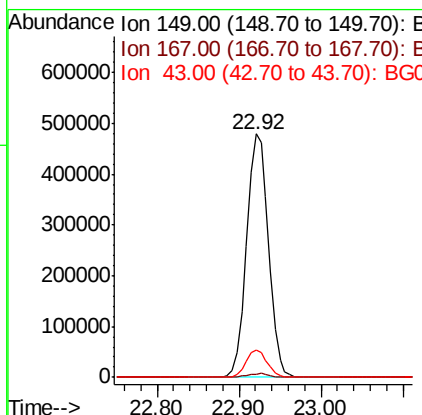
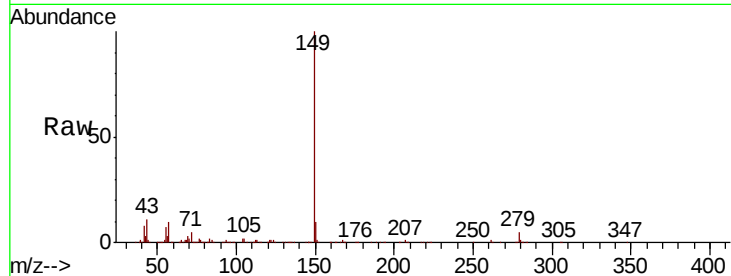




#85
Di-n-octyl phthalate
Concen: 43.265 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

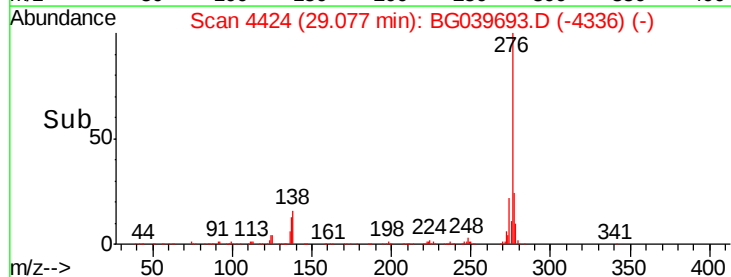
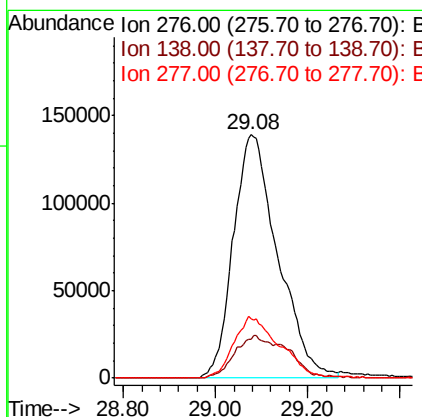
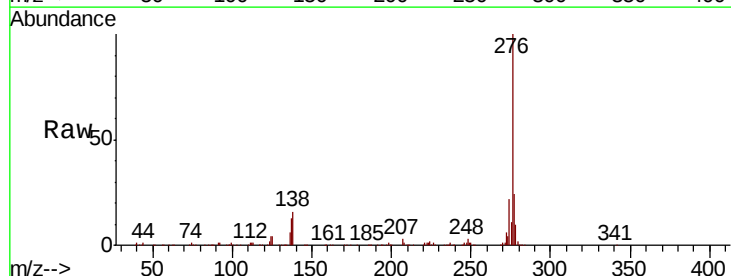
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

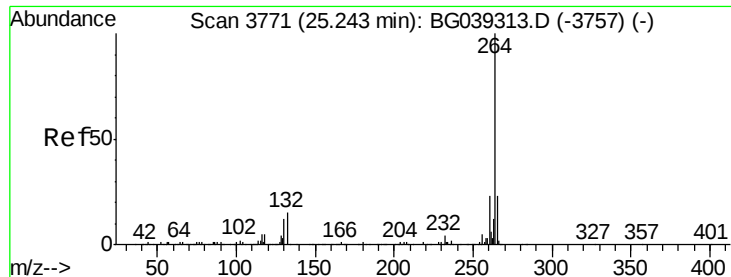
Tot Ion:149 Resp: 887773
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.8 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.544 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion:276 Resp: 931248
Ion Ratio Lower Upper
276 100
138 13.6 12.6 19.0
277 25.9 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

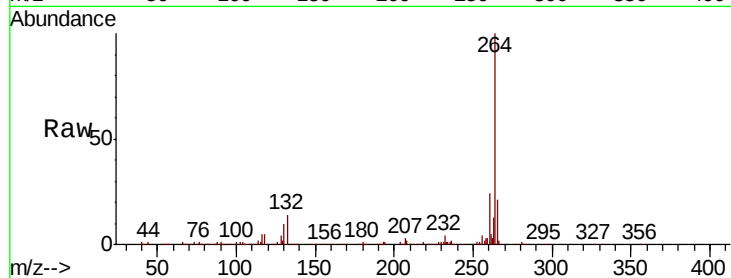
Tot Ion:264 Resp: 334723

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

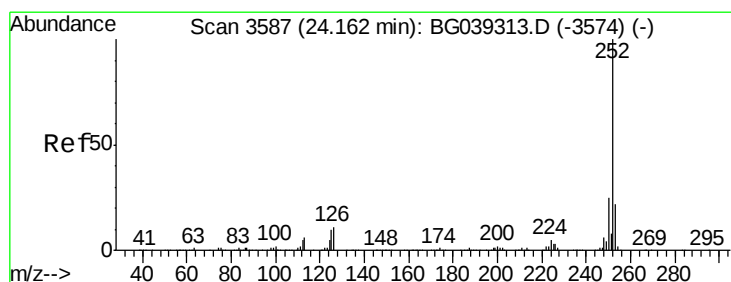
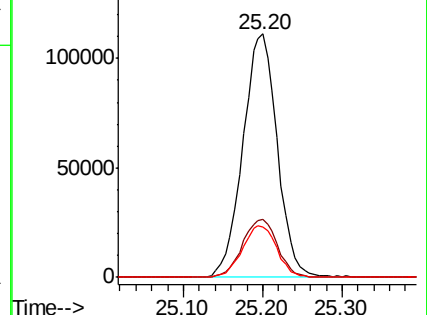
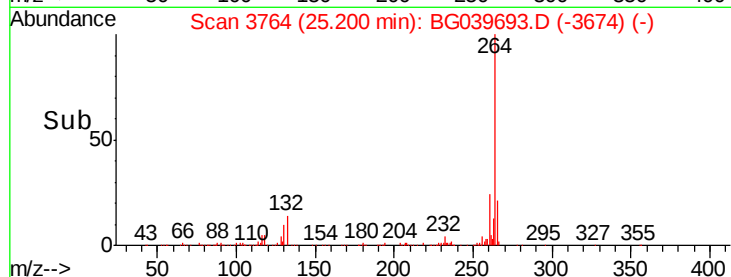
265 20.7 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.454 ng

RT: 24.11 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

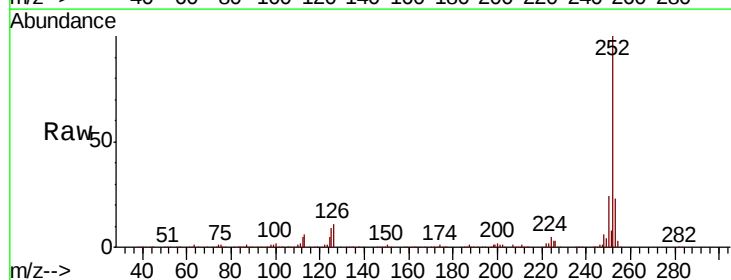
Tgt Ion:252 Resp: 829730

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

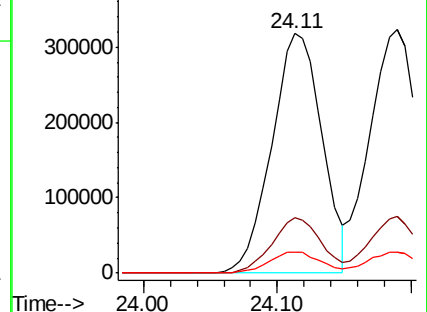
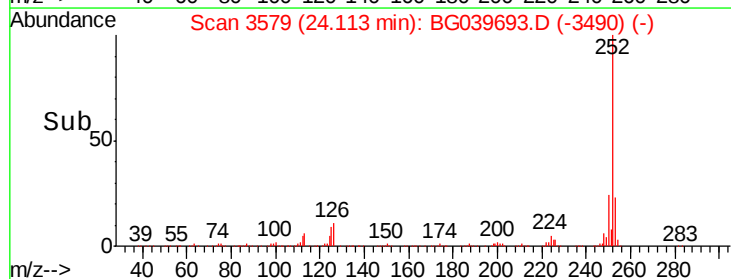
125 9.0 7.8 11.6

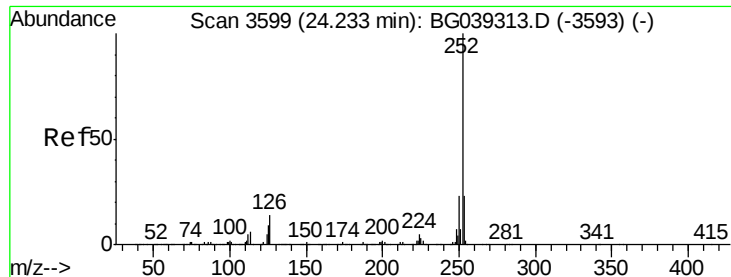


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.859 ng

RT: 24.19 min Scan# 3592

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

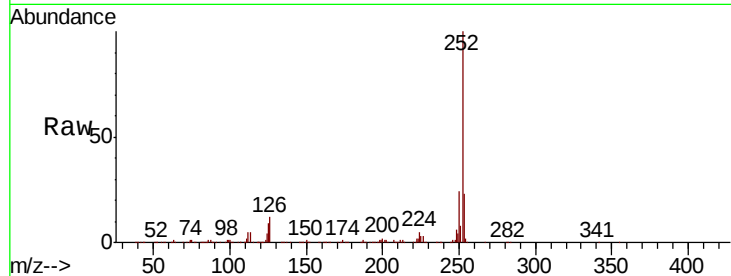
Tot Ion:252 Resp: 822119

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

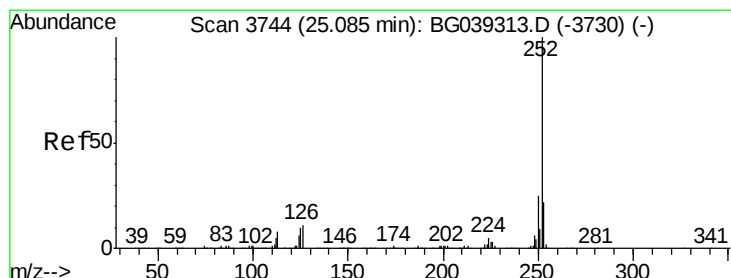
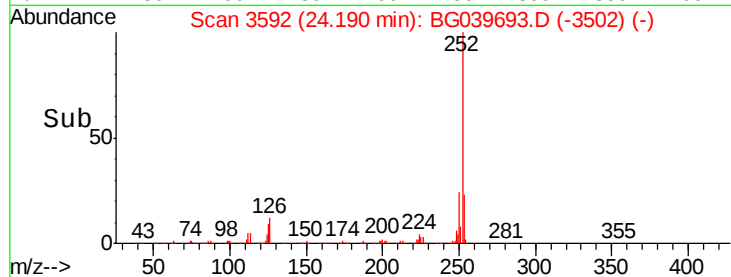
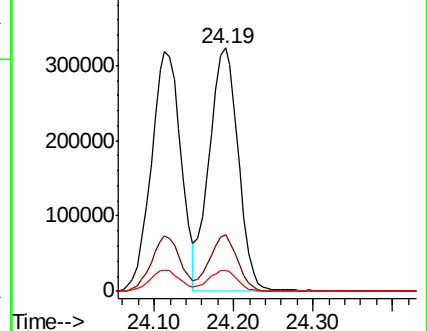
125 8.7 7.4 11.2



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: 46.745 ng

RT: 25.04 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

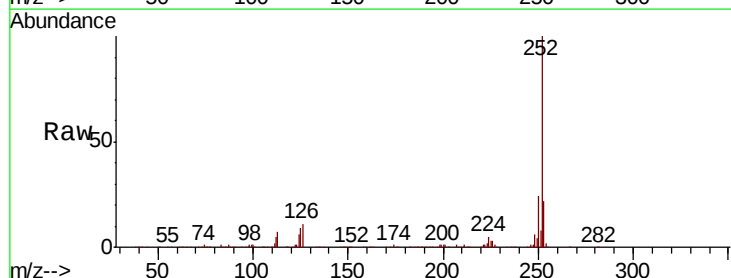
Tgt Ion:252 Resp: 821784

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

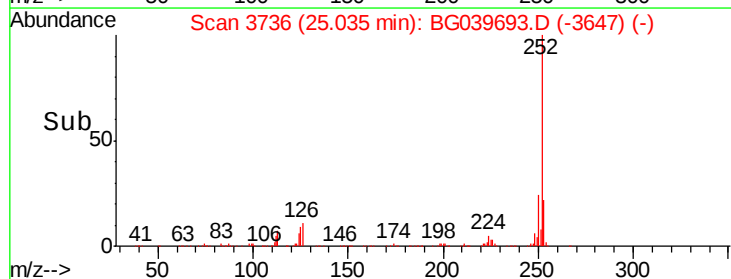
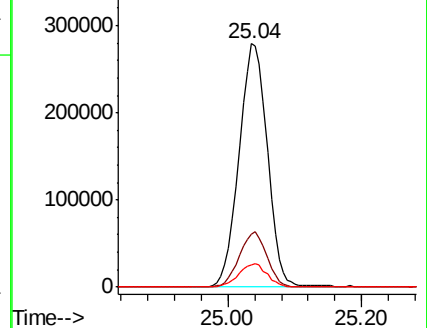
125 9.3 8.3 12.5

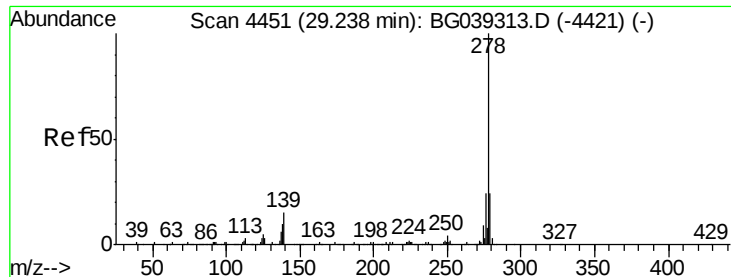


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.227 ng

RT: 29.15 min Scan# 4436

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

Instrument :

BNA_G

ClientSampleId :

PB117428BSD

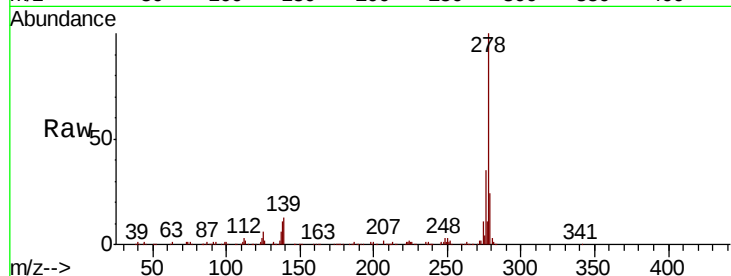
Tot Ion:278 Resp: 761073

Ion Ratio Lower Upper

278 100

139 13.3 11.7 17.5

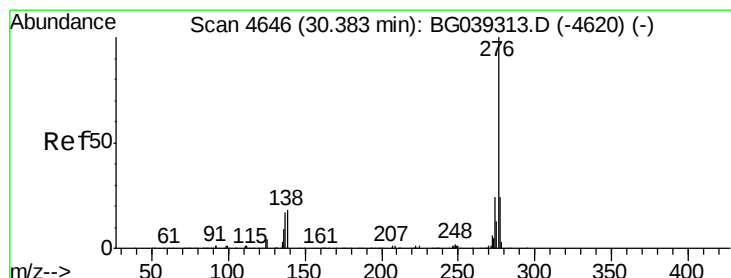
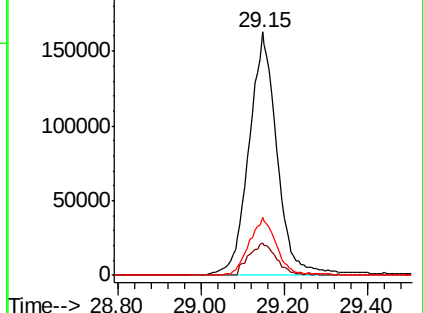
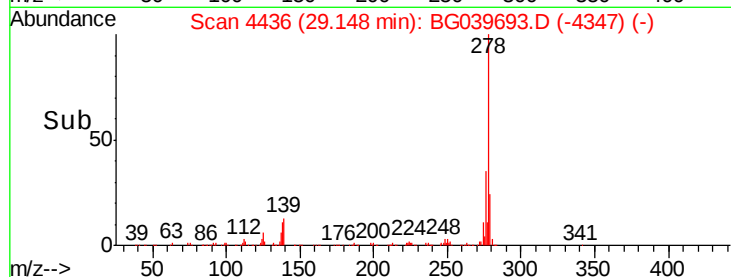
279 24.0 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.216 ng

RT: 30.31 min Scan# 4634

Delta R.T. -0.00 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

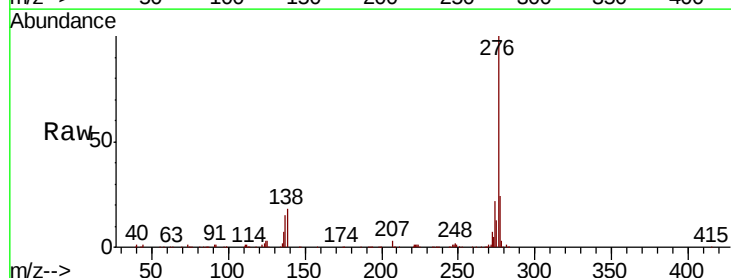
Tgt Ion:276 Resp: 758398

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 18.0 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

