

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

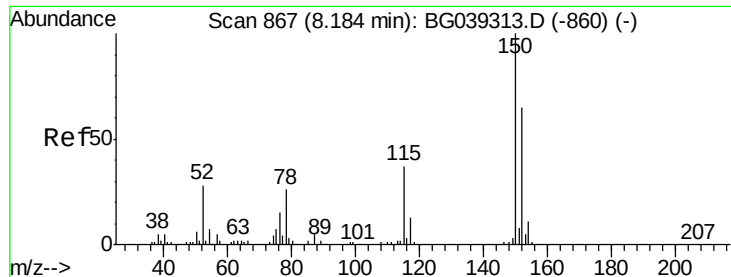
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030119\
 Data File : BG039693.D
 Acq On : 1 Mar 2019 19:02
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

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

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

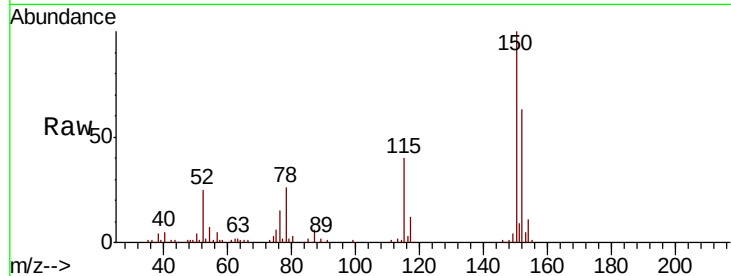


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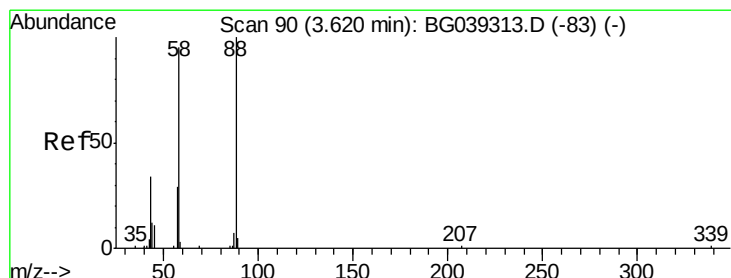
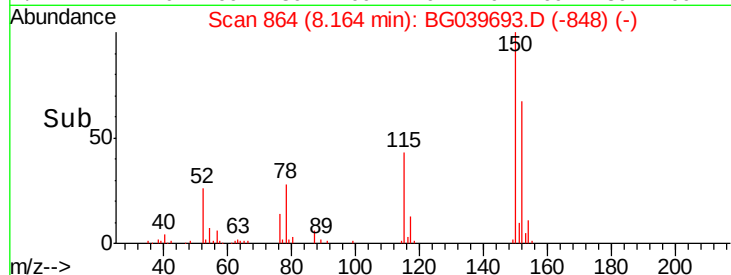
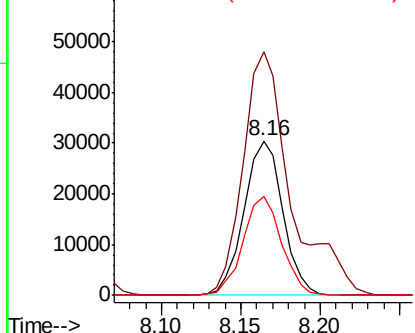
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

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



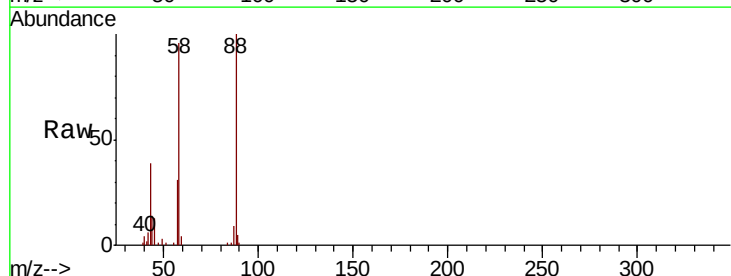
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



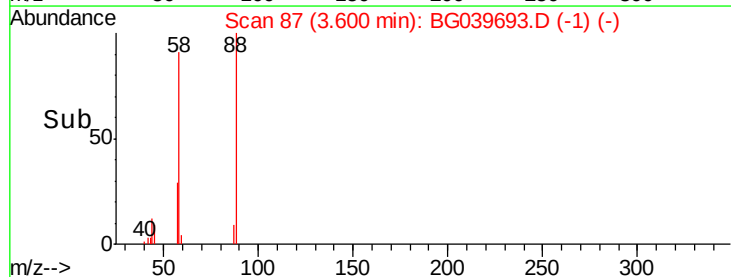
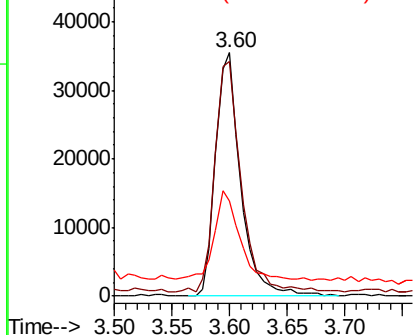
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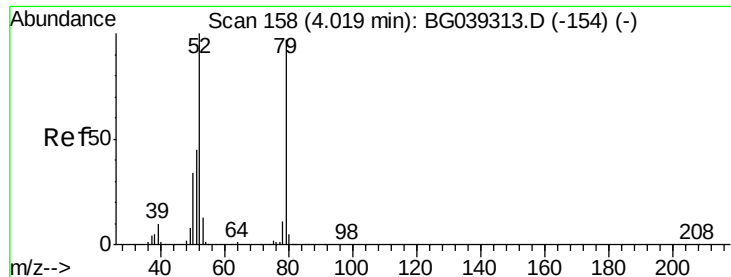
1,4-Dioxane
Concen: 40.335 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

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

Pyridine

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

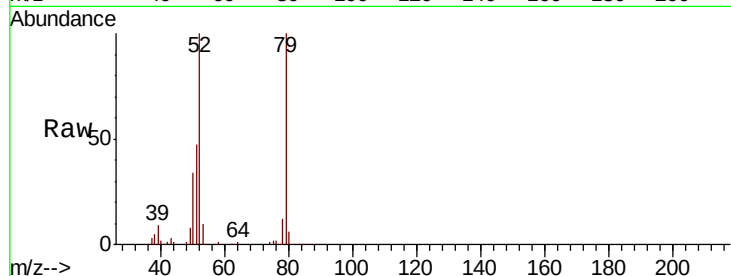
Tgt Ion: 79 Resp: 139186

Ion Ratio Lower Upper

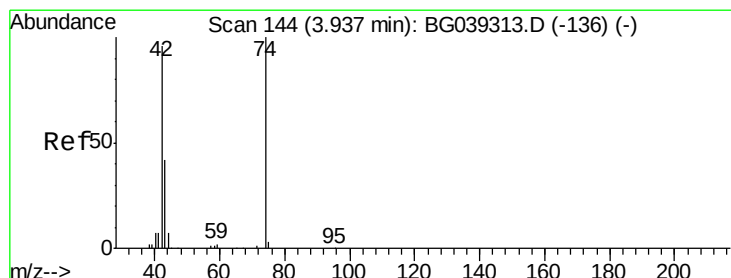
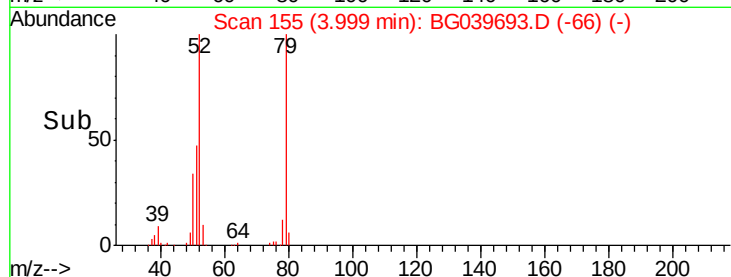
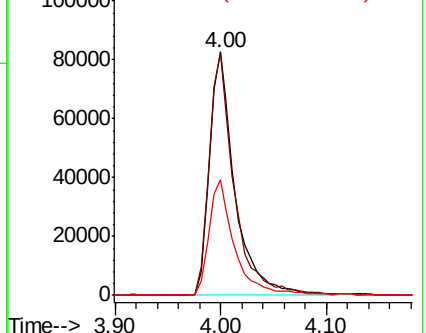
79 100

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

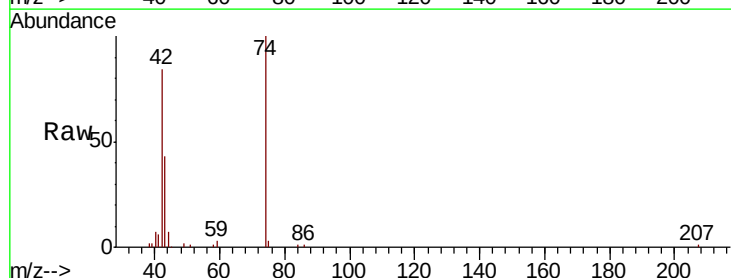
Tgt Ion: 42 Resp: 74807

Ion Ratio Lower Upper

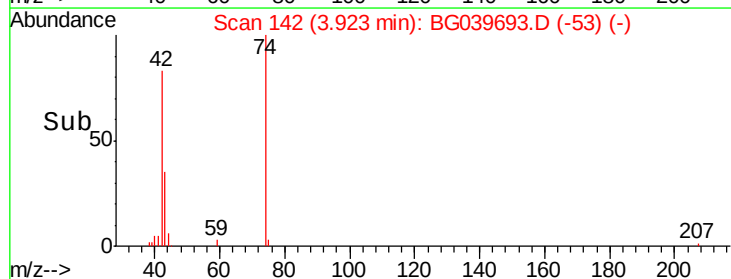
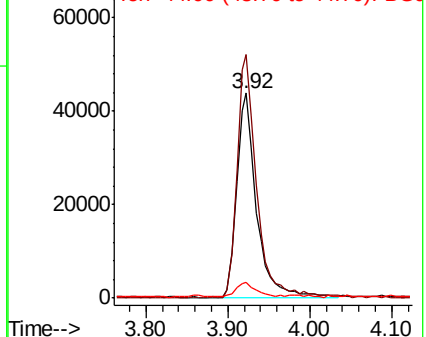
42 100

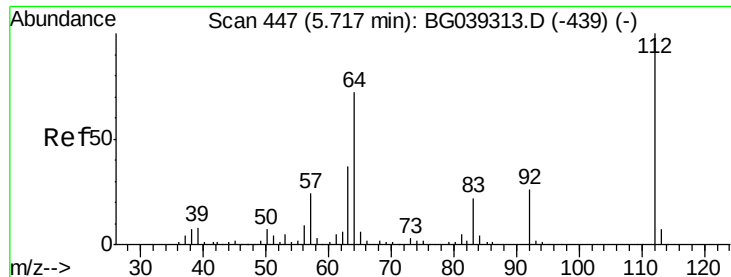
74 119.0 83.6 125.4

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

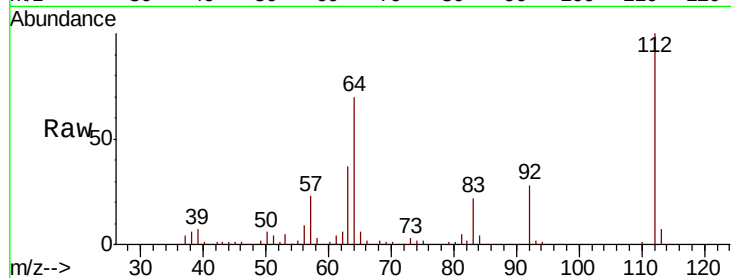
Tgt Ion: 112 Resp: 455763

Ion Ratio Lower Upper

112 100

64 70.0 57.8 86.8

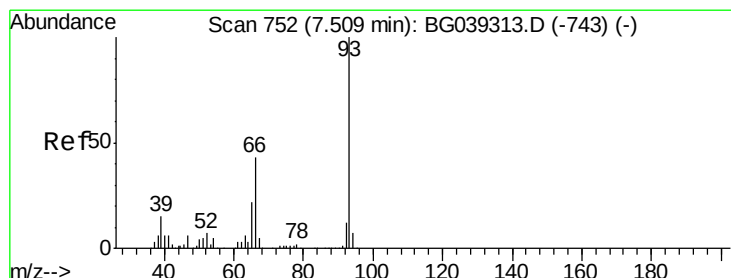
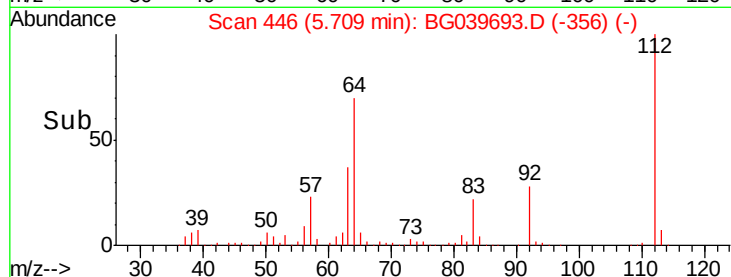
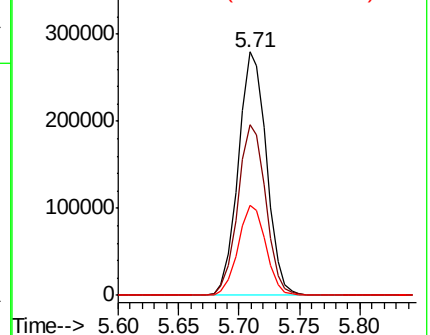
63 36.7 29.8 44.6



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

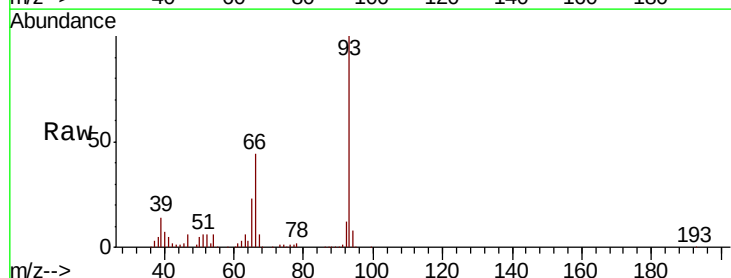
Tgt Ion: 93 Resp: 167674

Ion Ratio Lower Upper

93 100

66 43.5 34.2 51.4

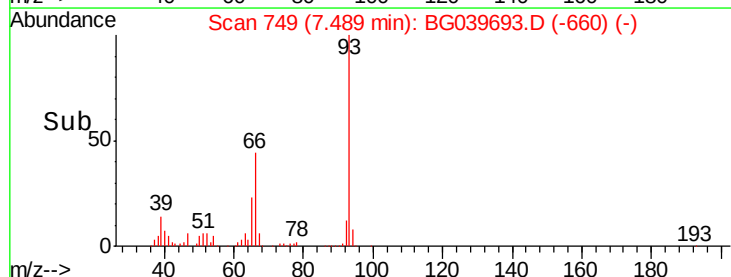
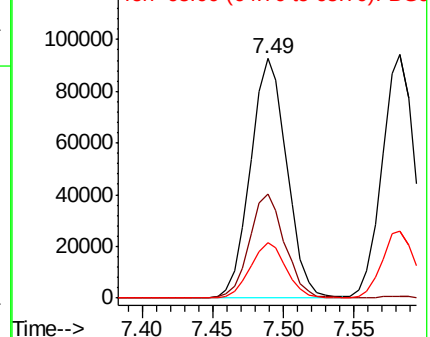
65 23.1 17.7 26.5

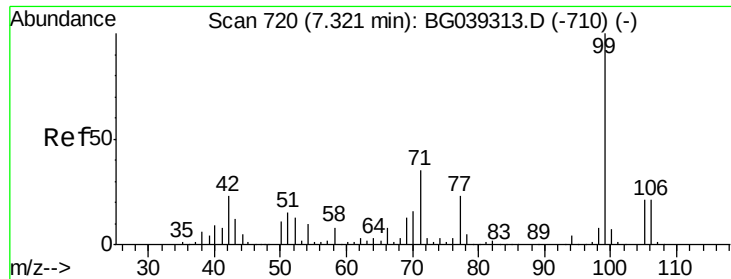


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

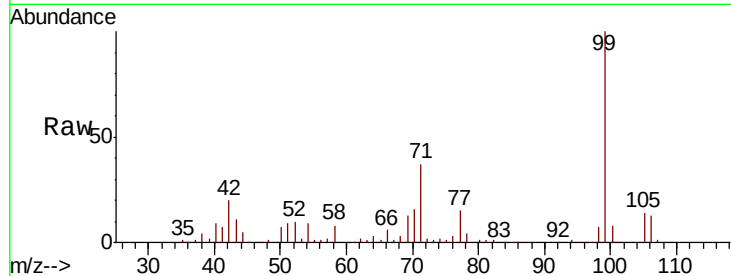
Tgt Ion: 99 Resp: 631417

Ion Ratio Lower Upper

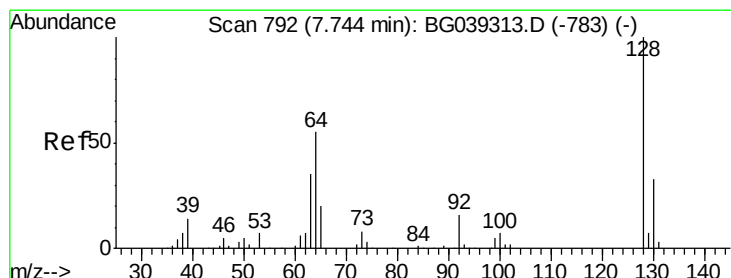
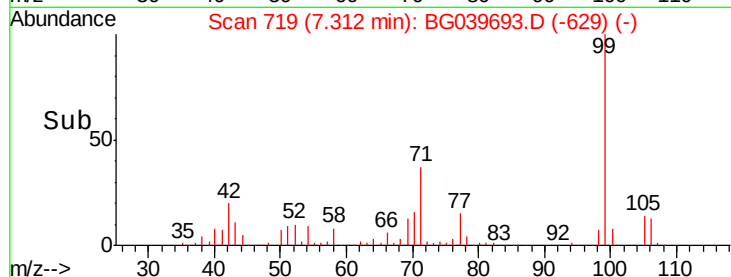
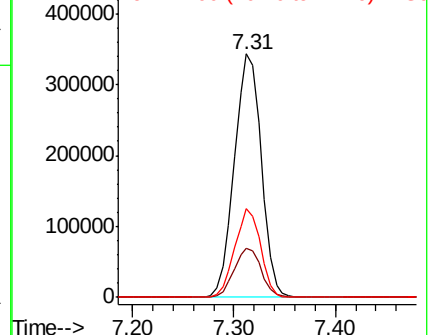
99 100

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

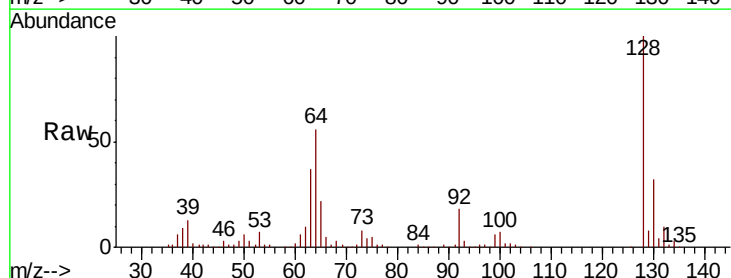
Tgt Ion: 128 Resp: 165877

Ion Ratio Lower Upper

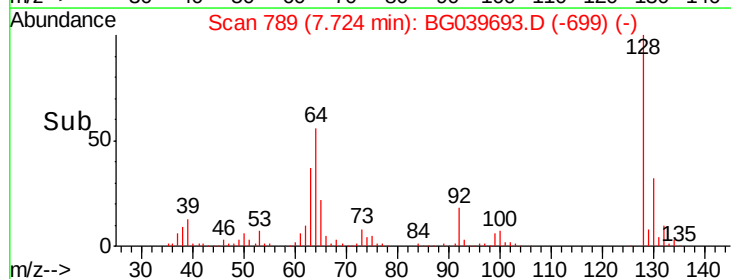
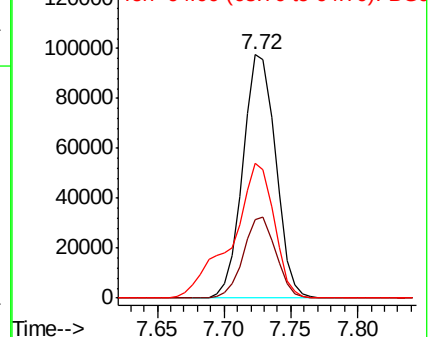
128 100

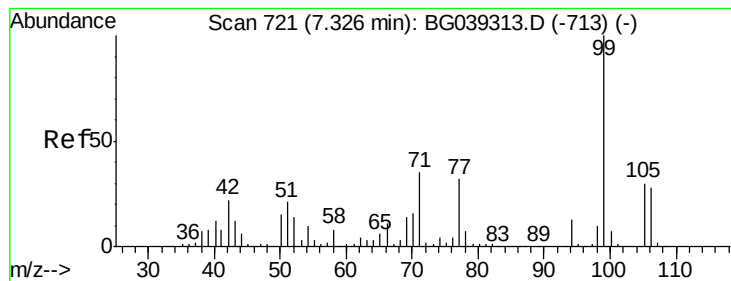
130 32.0 12.9 52.9

64 55.6 38.7 78.7



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





#9

Benzaldehyde

Concen: 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

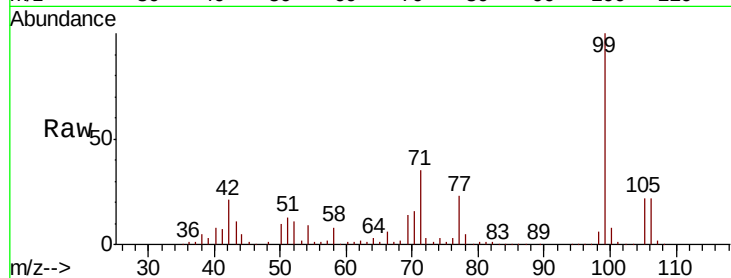
Tgt Ion: 77 Resp: 118788

Ion Ratio Lower Upper

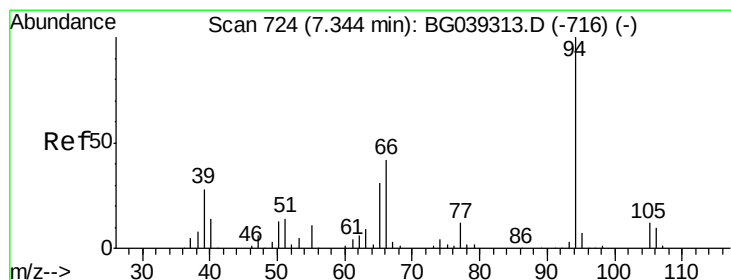
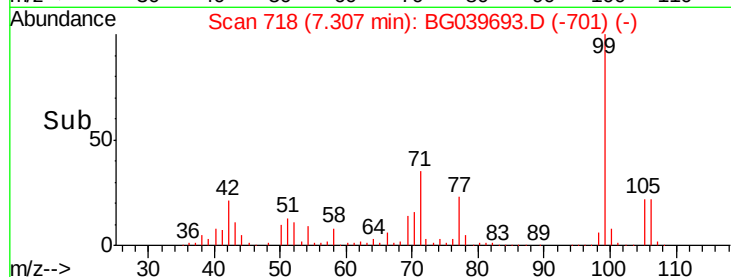
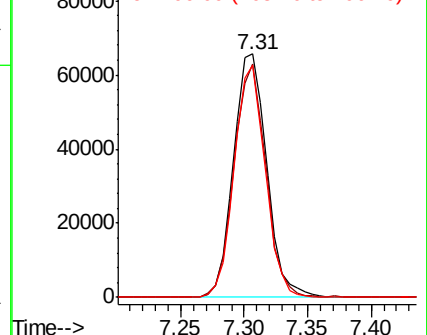
77 100

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

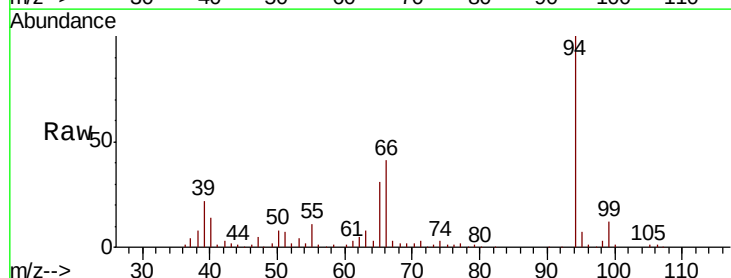
Tgt Ion: 94 Resp: 224975

Ion Ratio Lower Upper

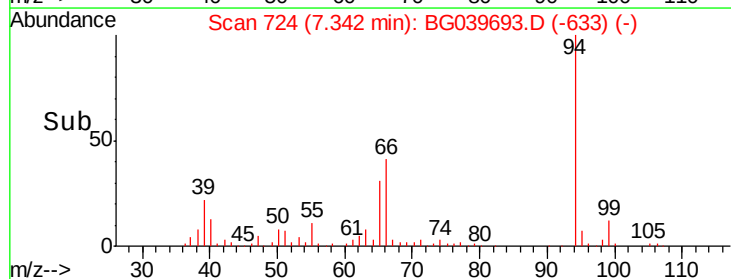
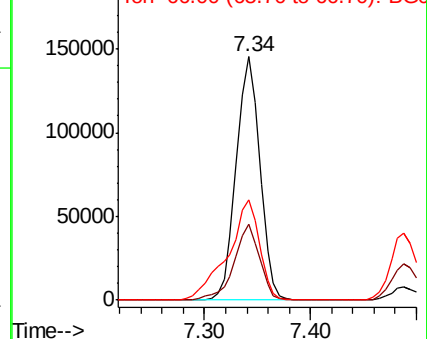
94 100

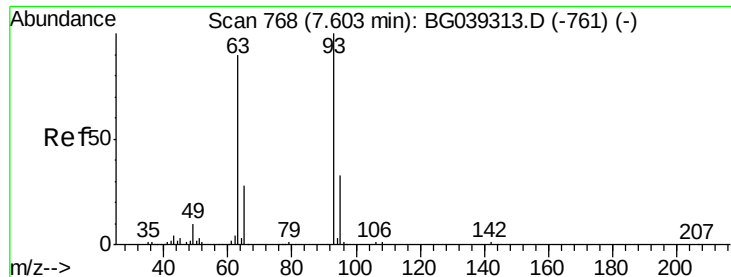
65 31.1 11.7 51.7

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

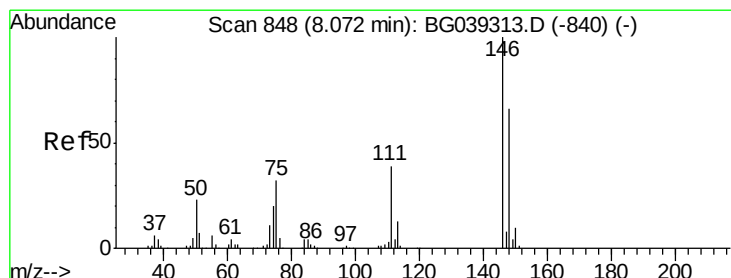
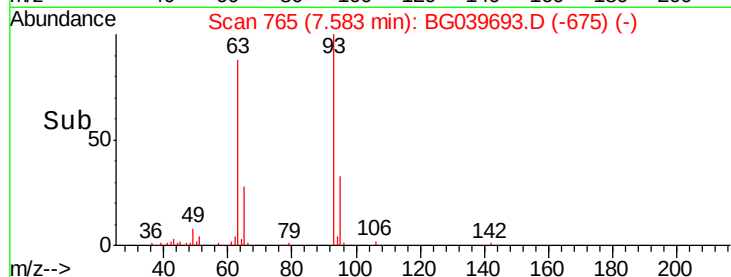
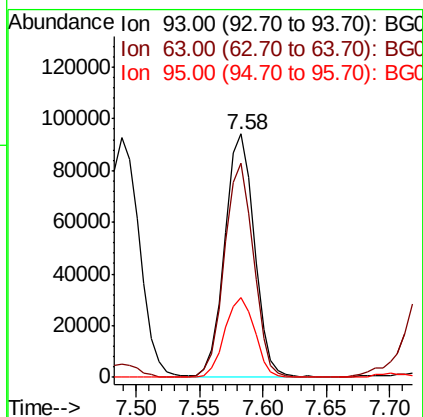
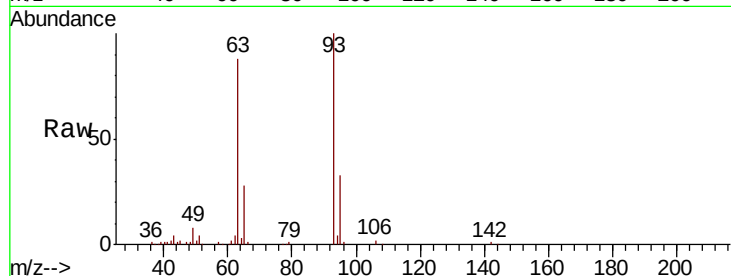




#11
 bis(2-Chloroethyl)ether
 Concen: 41.548 ng
 RT: 7.58 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

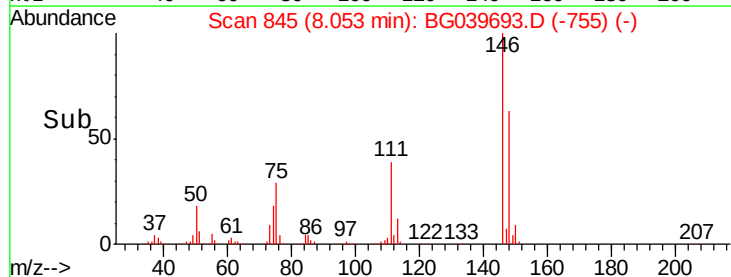
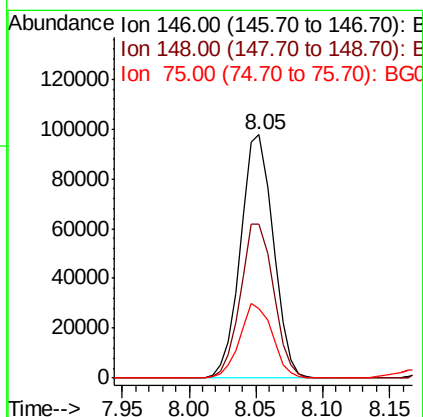
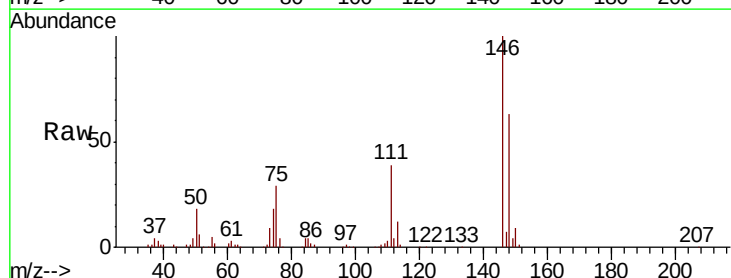
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

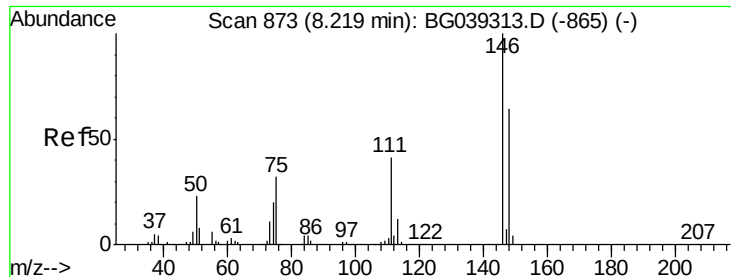
Tgt Ion: 93 Resp: 152600
 Ion Ratio Lower Upper
 93 100
 63 88.1 69.5 109.5
 95 32.7 12.7 52.7



#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

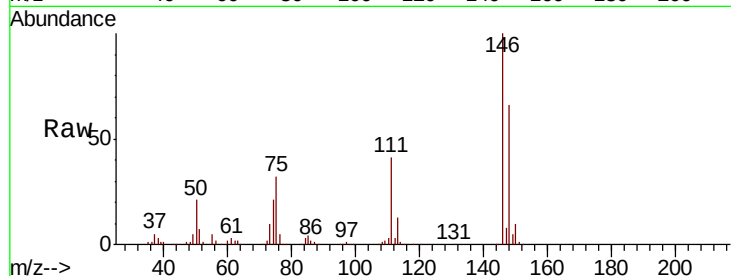




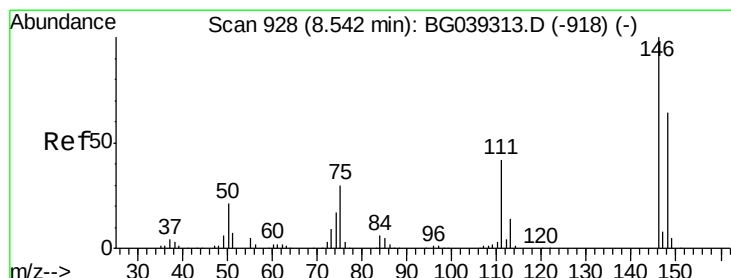
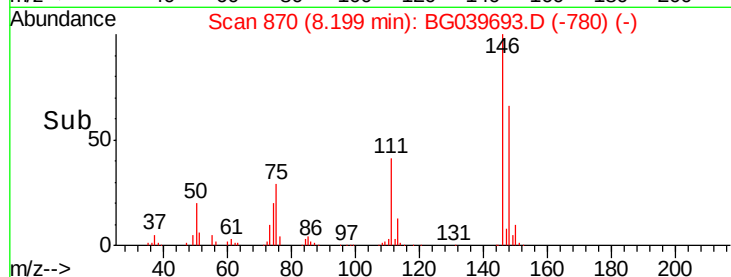
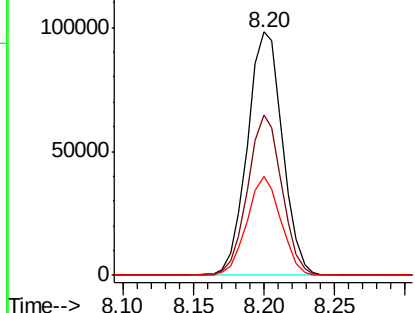
#13
 1,4-Dichlorobenzene
 Concen: 42.790 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

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

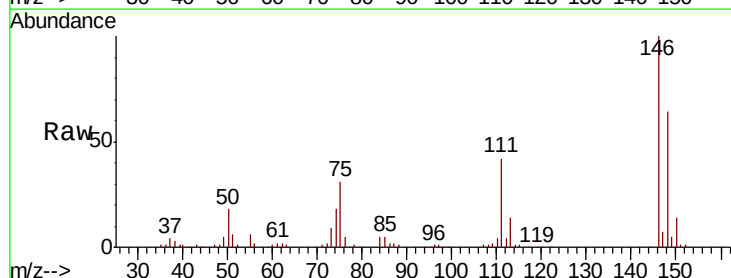


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

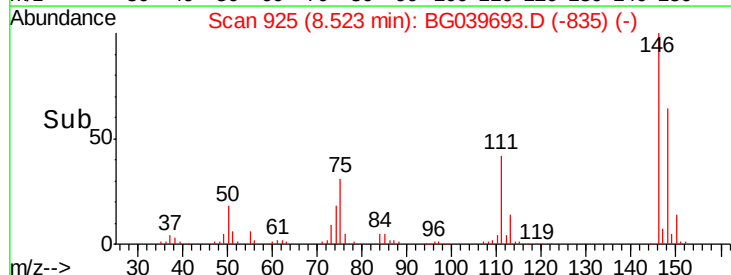
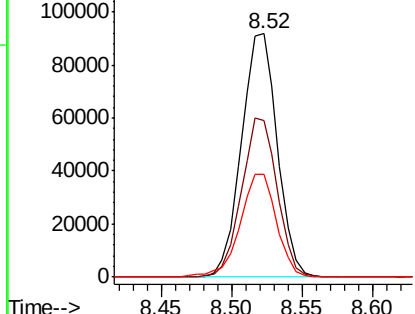


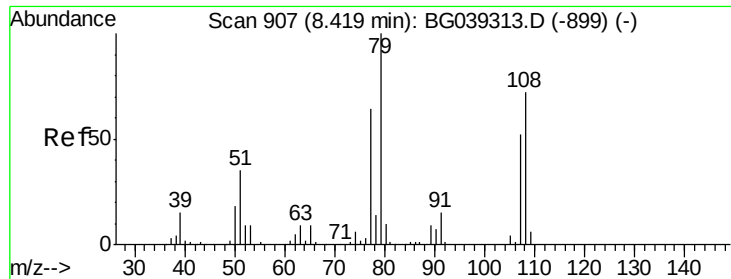
#14
 1,2-Dichlorobenzene
 Concen: 42.055 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

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

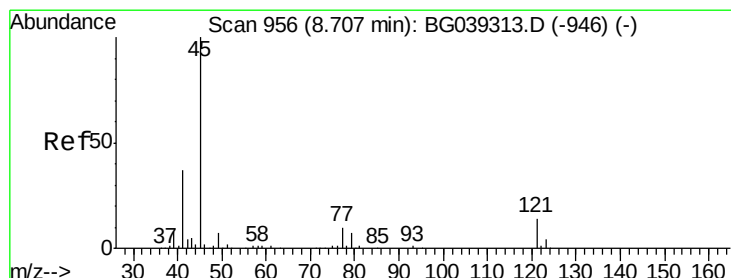
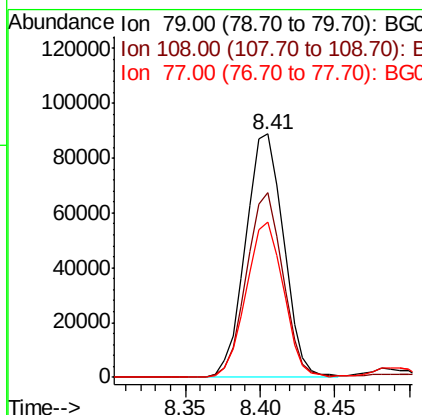
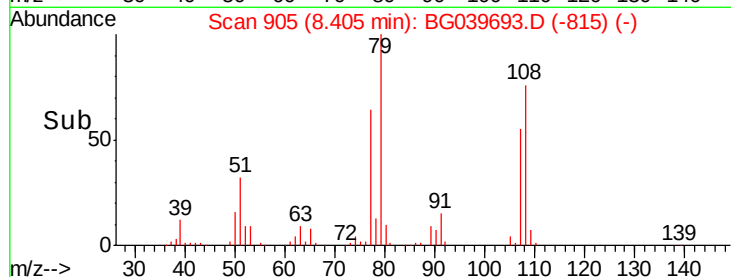
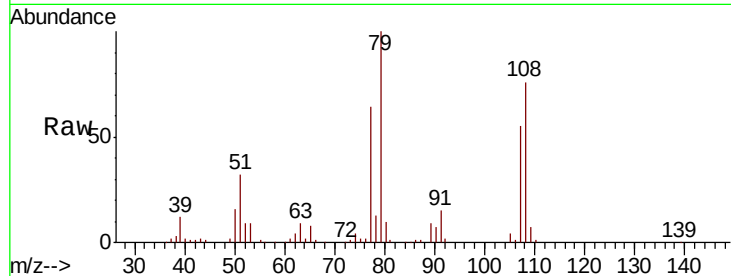




#15
Benzyl Alcohol
Concen: 44.804 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

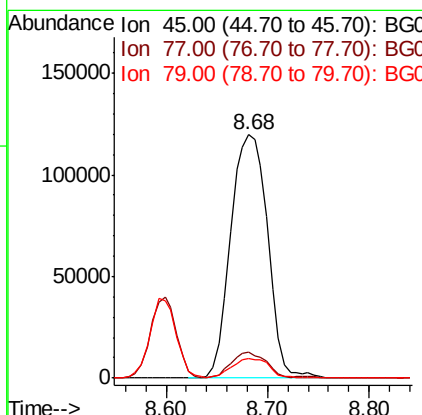
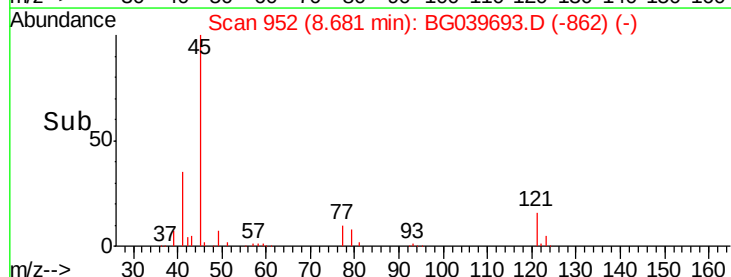
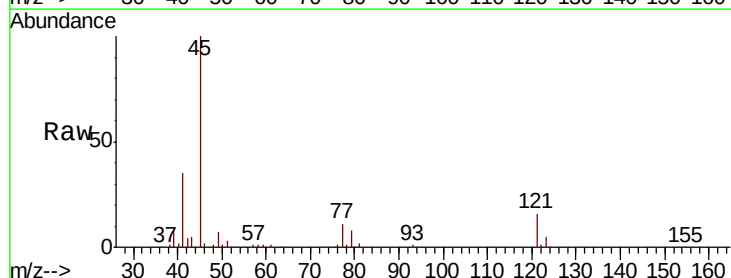
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

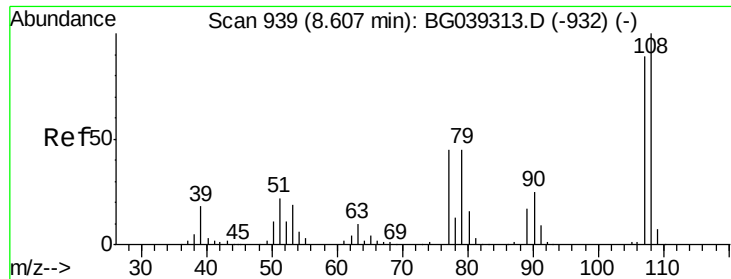
Tgt Ion: 79 Resp: 156841
Ion Ratio Lower Upper
79 100
108 76.0 57.8 86.6
77 63.6 51.1 76.7



#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

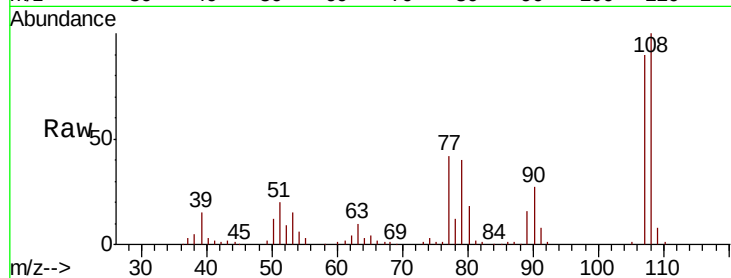




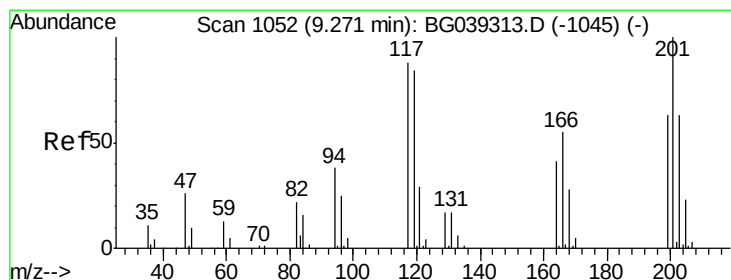
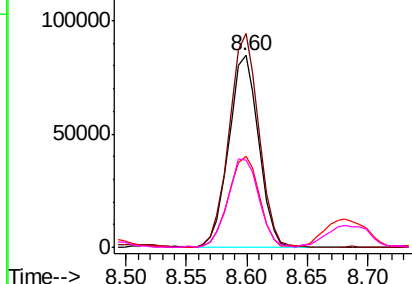
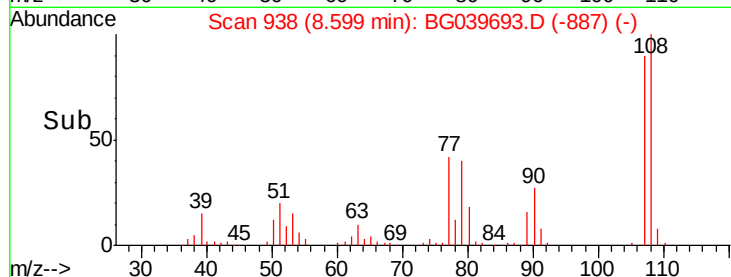
#17
2-Methylphenol
Concen: 48.415 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tgt Ion:107 Resp: 145628
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

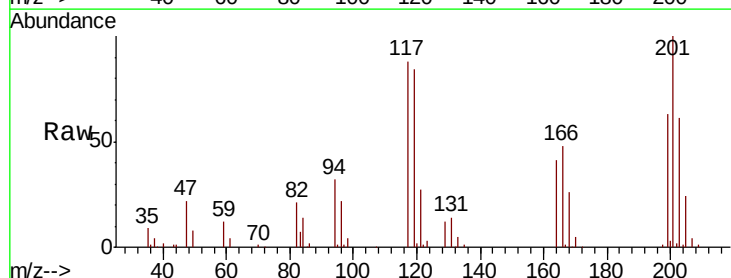


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

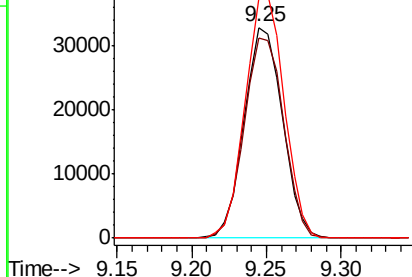
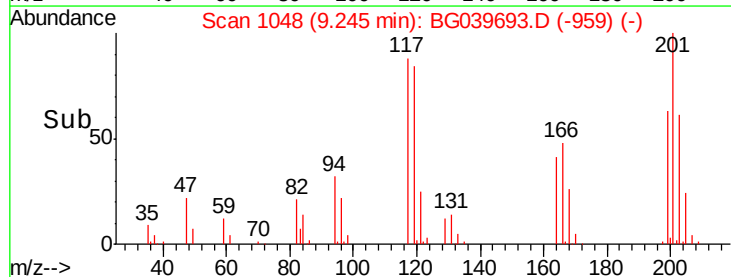


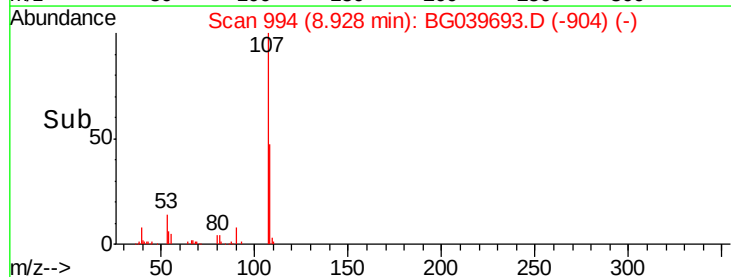
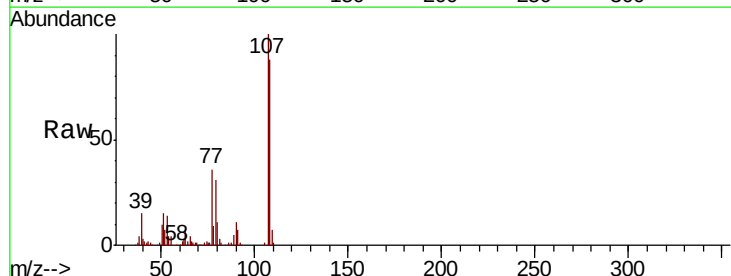
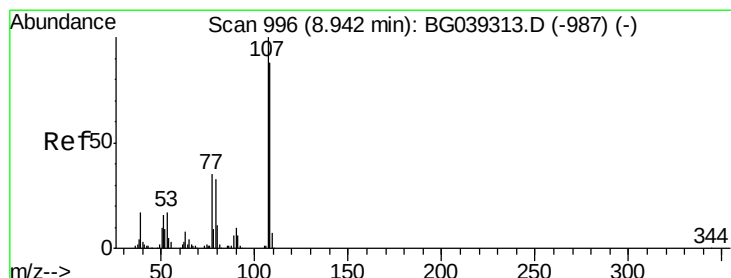
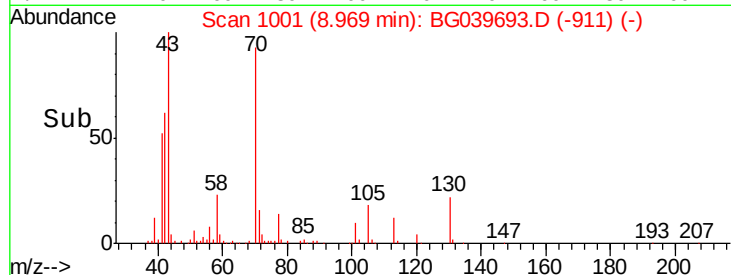
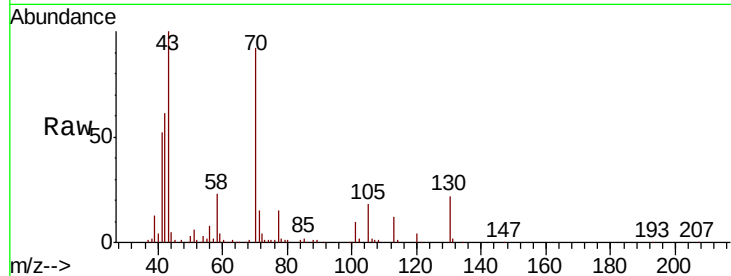
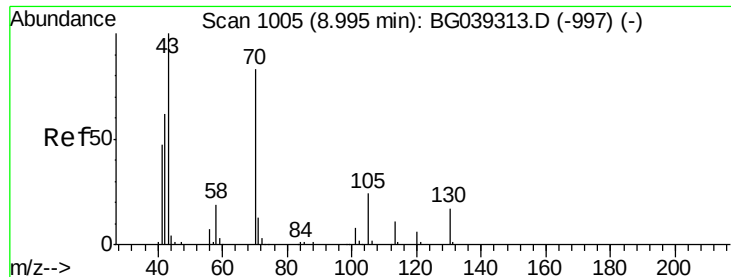
#18
Hexachloroethane
Concen: 42.537 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Tgt Ion:117 Resp: 58510
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

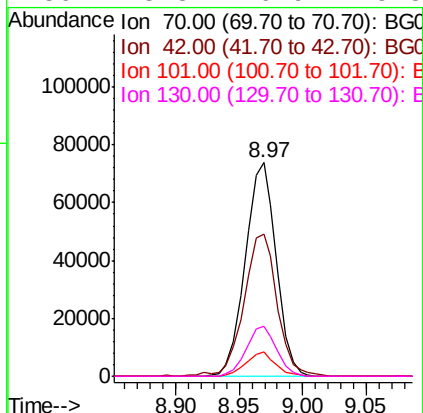




#19
n-Nitroso-di-n-propylamine
Concen: 39.457 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

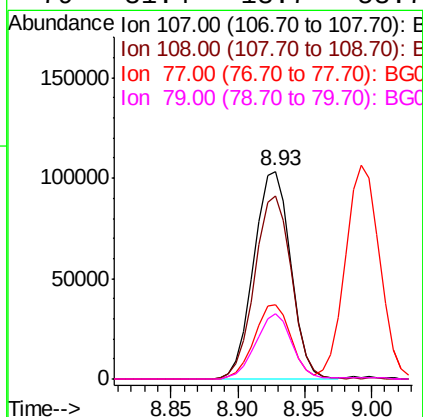
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

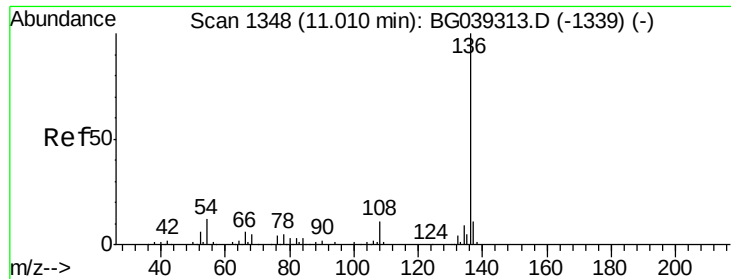
Tgt Ion:	70	Resp:	124873
Ion	Ratio	Lower	Upper
70	100		
42	66.3	60.4	90.6
101	11.1	7.5	11.3
130	23.3	16.9	25.3



#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

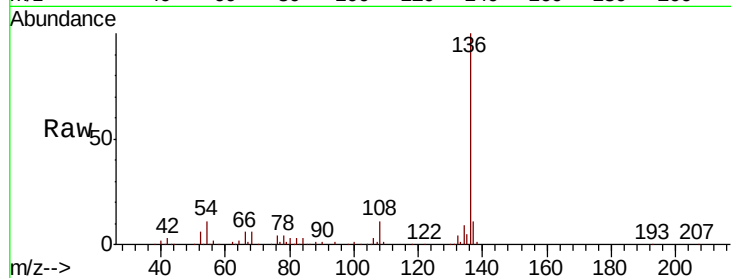




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

Tgt 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



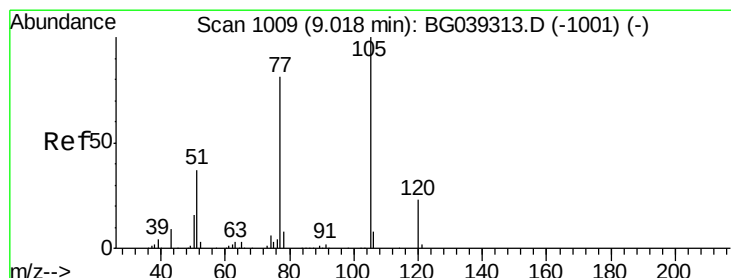
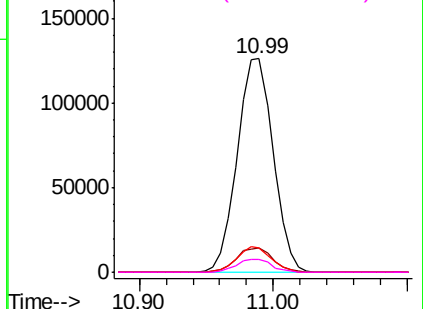
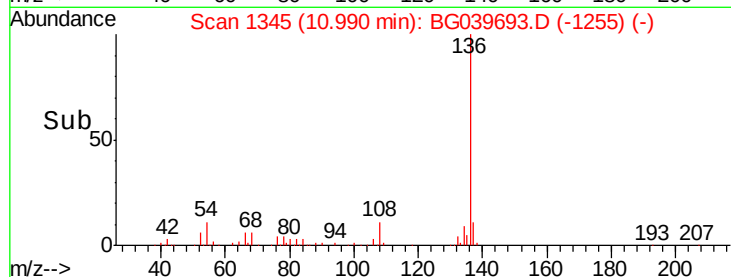
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

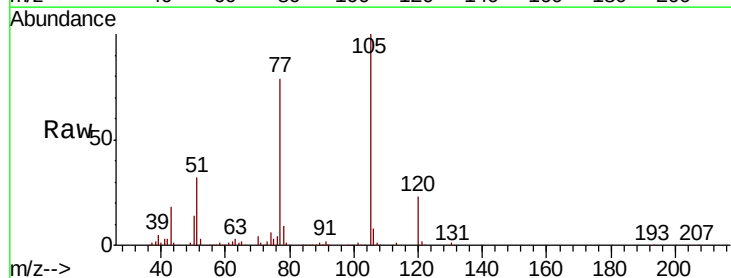
Ion 54.00 (53.70 to 54.70): BGC

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



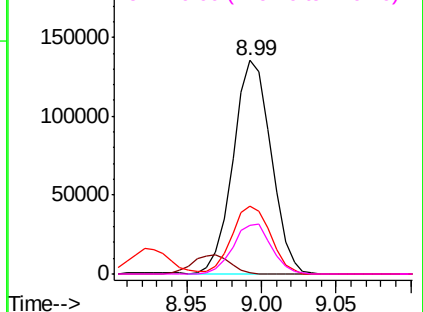
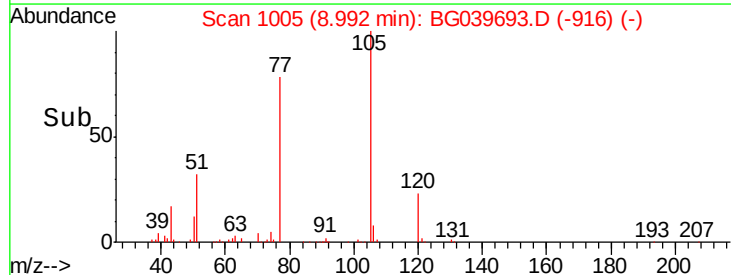
Abundance

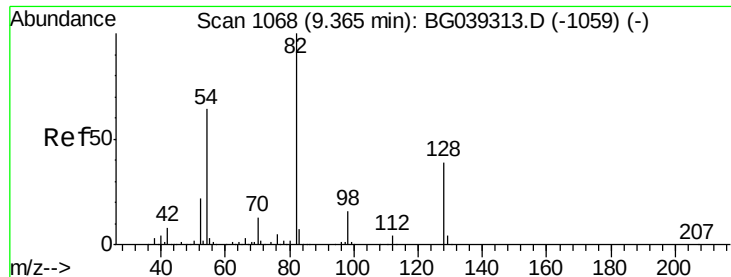
Ion 105.00 (104.70 to 105.70): E

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

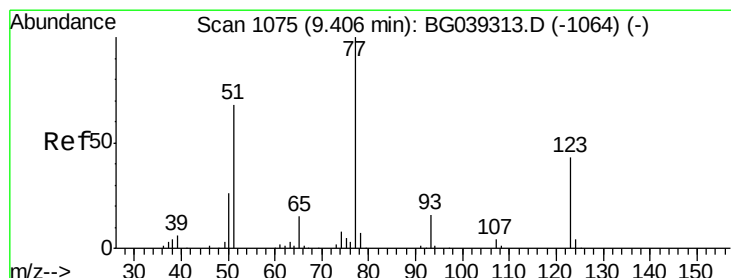
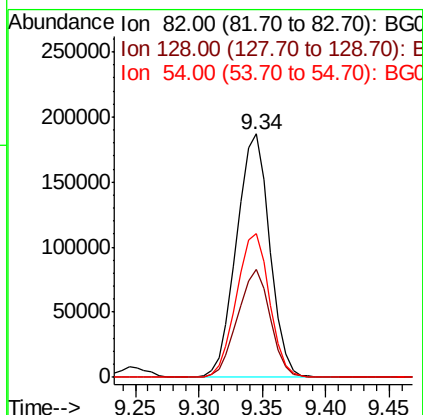
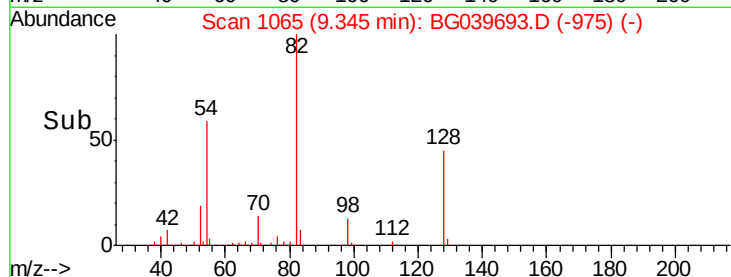
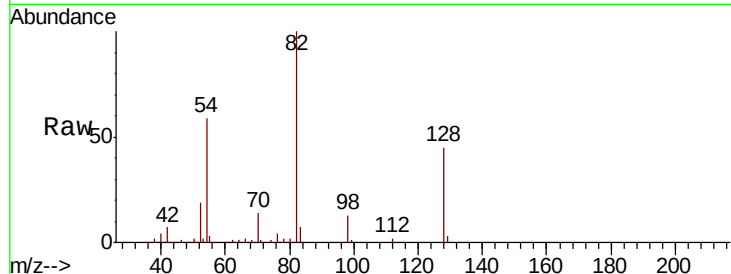




#23
 Nitrobenzene-d5
 Concen: 90.653 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

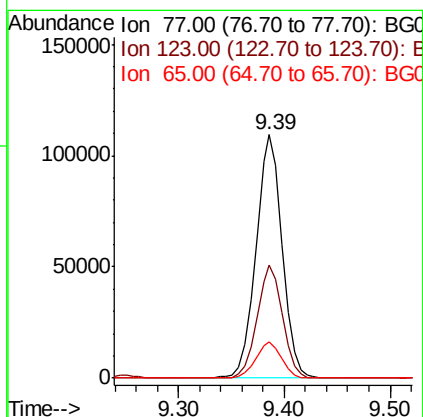
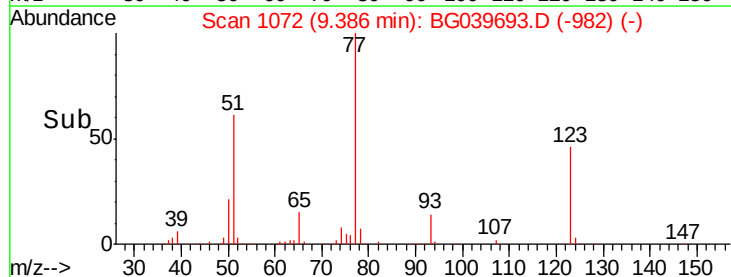
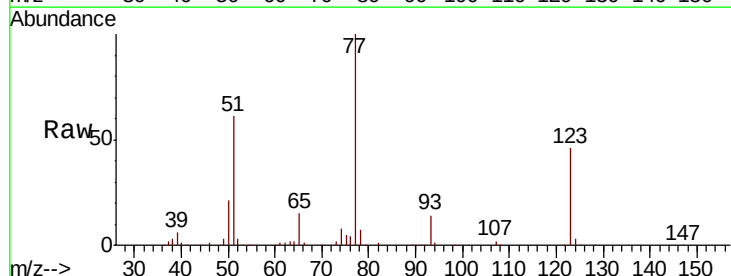
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

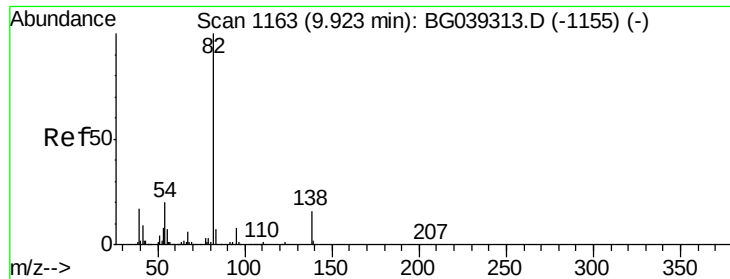
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.3	46.9
54	59.0	50.9	76.3



#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	Ratio	Lower	Upper
77	100		
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

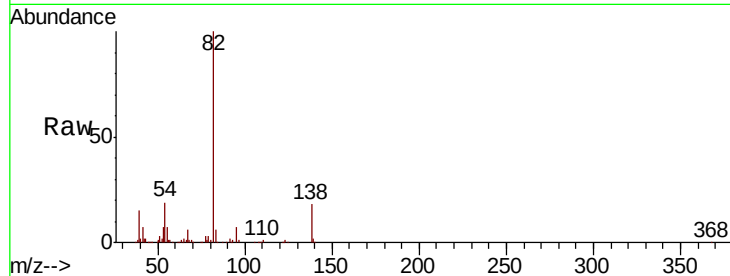
Tgt Ion: 82 Resp: 360102

Ion Ratio Lower Upper

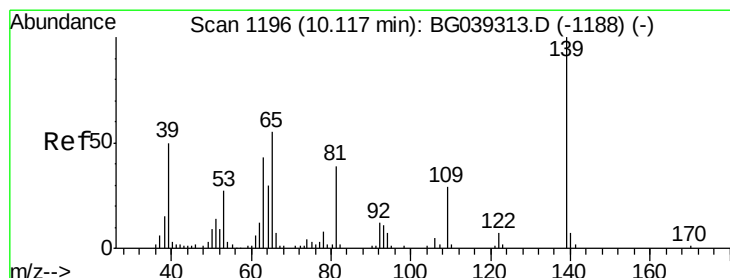
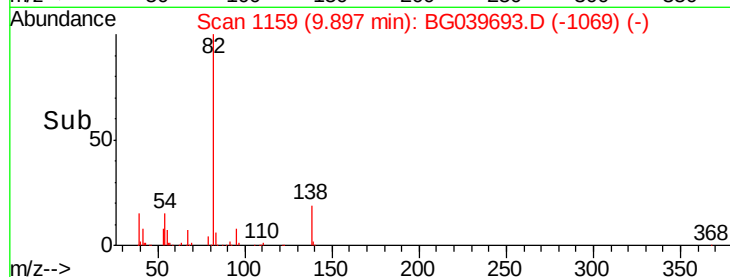
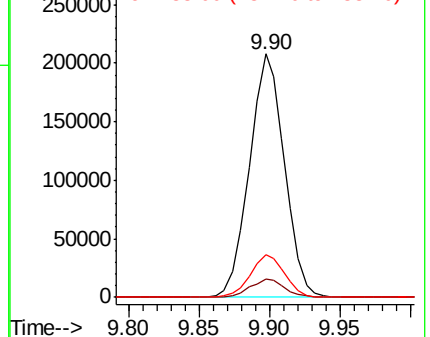
82 100

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

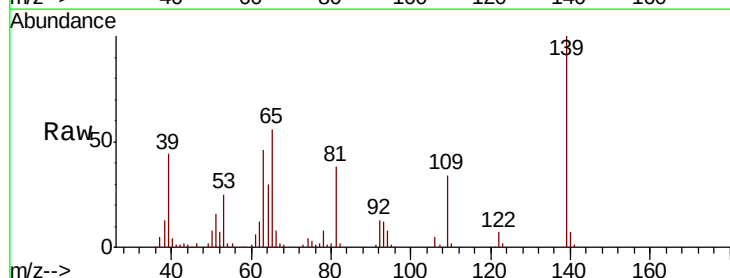
Tgt Ion: 139 Resp: 94114

Ion Ratio Lower Upper

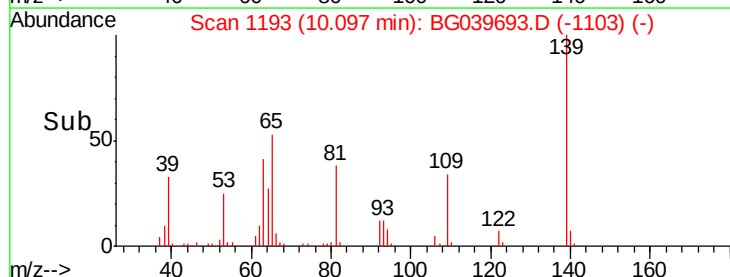
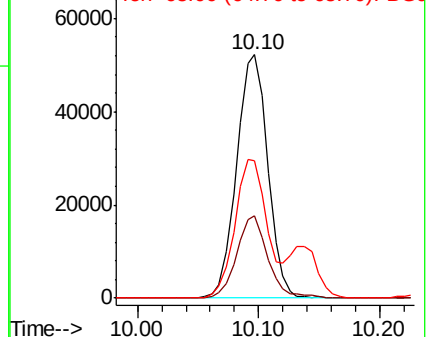
139 100

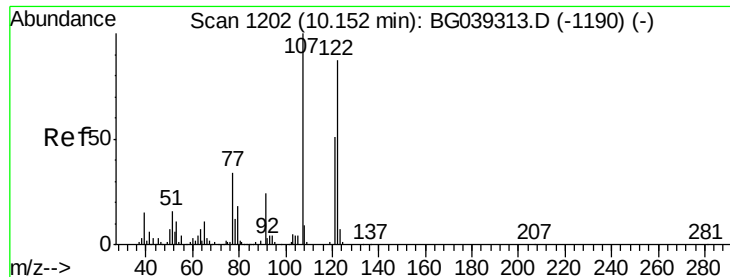
109 33.7 23.4 35.0

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

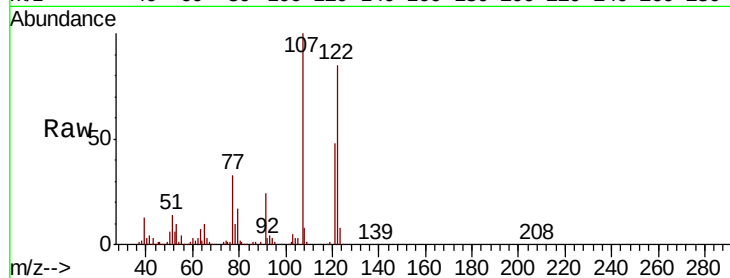




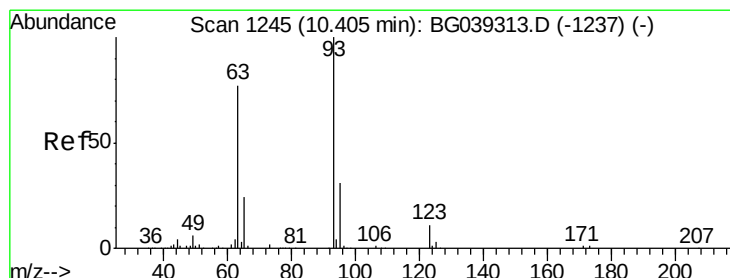
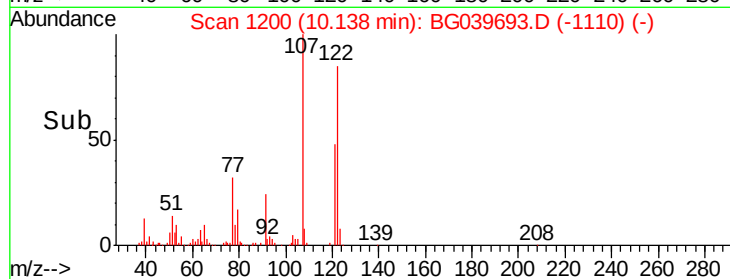
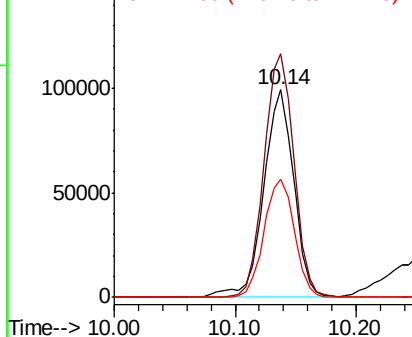
#27
2,4-Dimethylphenol
Concen: 50.690 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

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

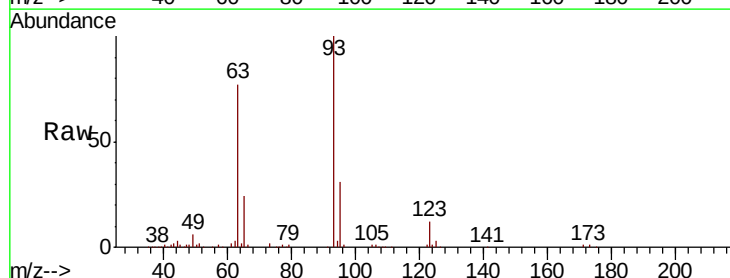


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

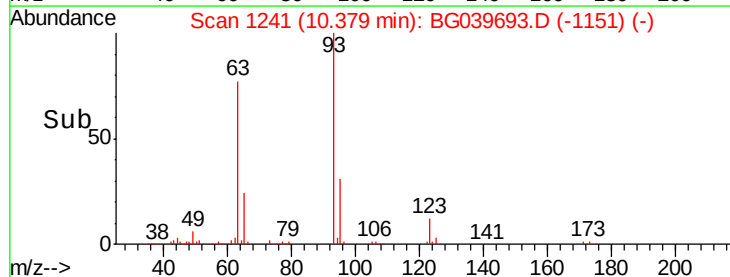
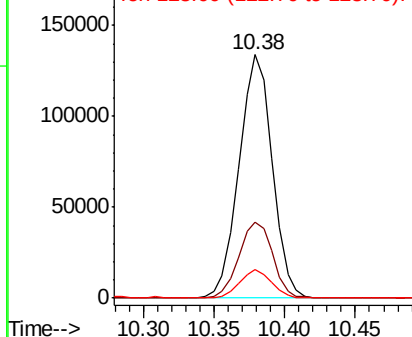


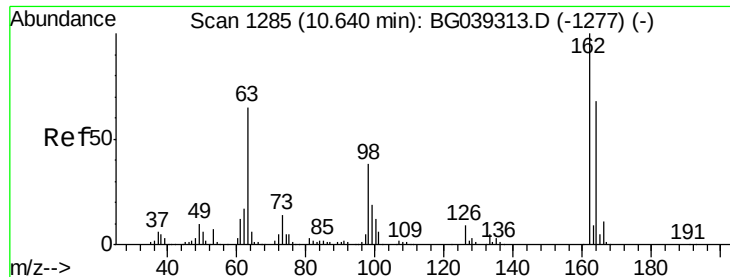
#28
bis(2-Chloroethoxy)methane
Concen: 42.890 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

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



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

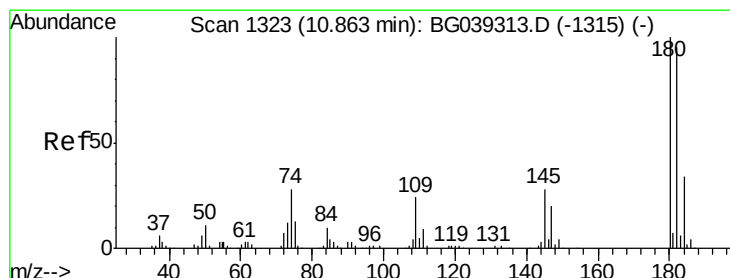
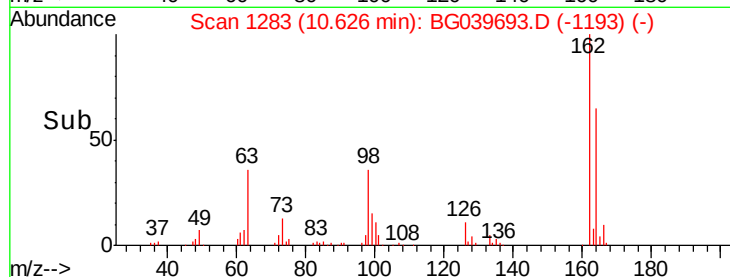
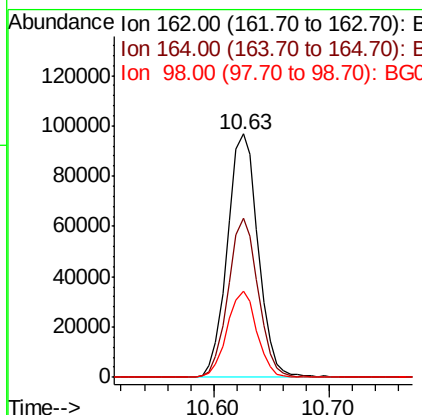
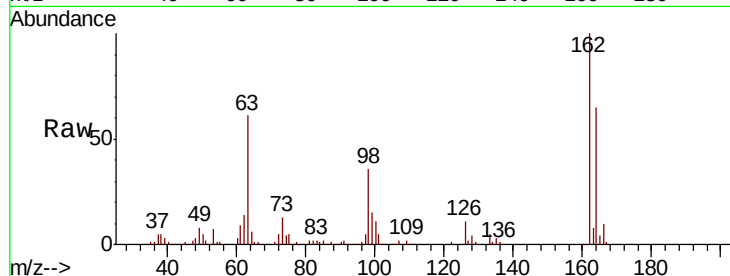




#29
 2,4-Dichlorophenol
 Concen: 48.417 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

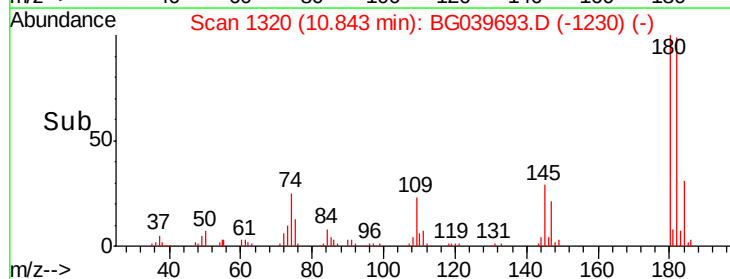
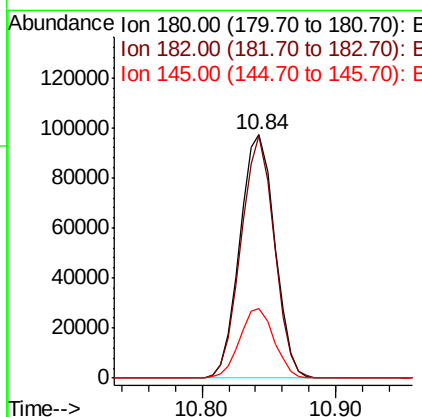
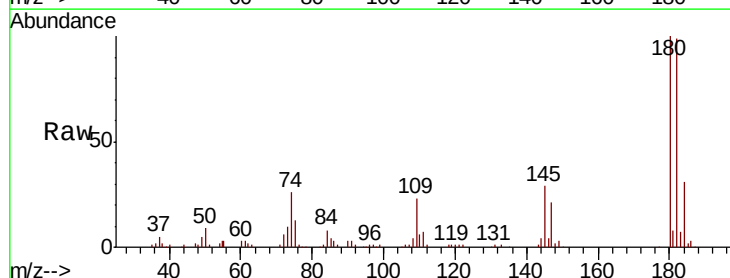
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

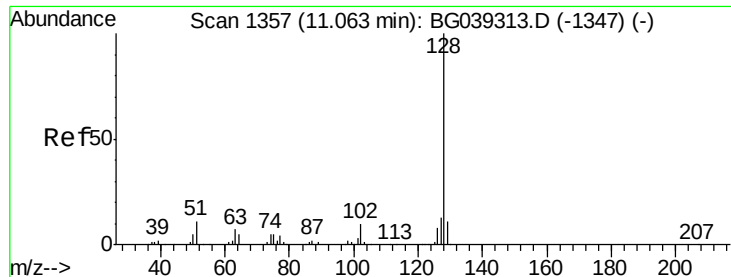
Tgt Ion:162 Resp: 178325
 Ion Ratio Lower Upper
 162 100
 164 65.5 48.1 88.1
 98 35.6 18.1 58.1



#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

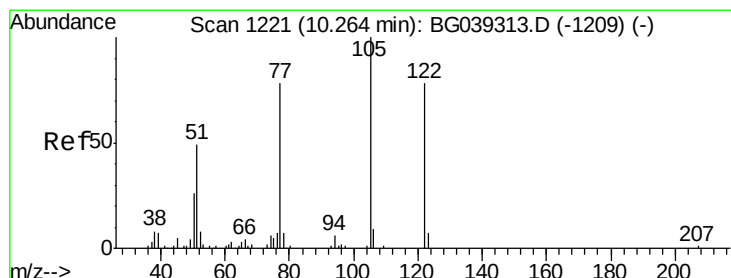
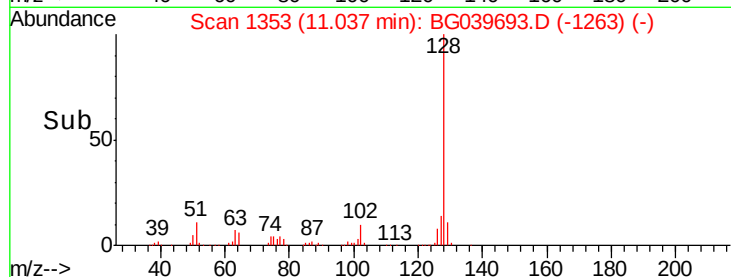
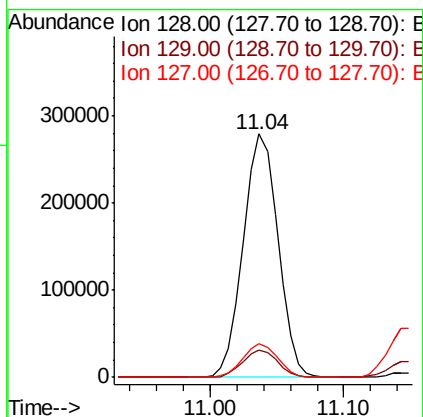
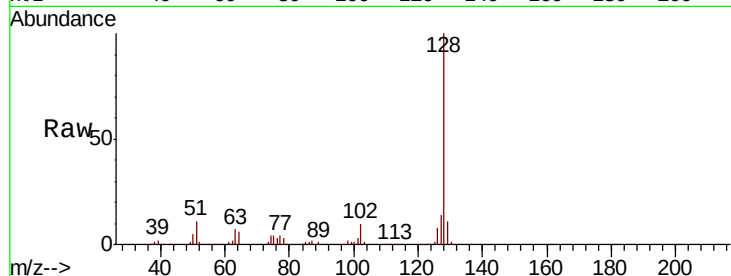




#31
Naphthalene
Concen: 43.260 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

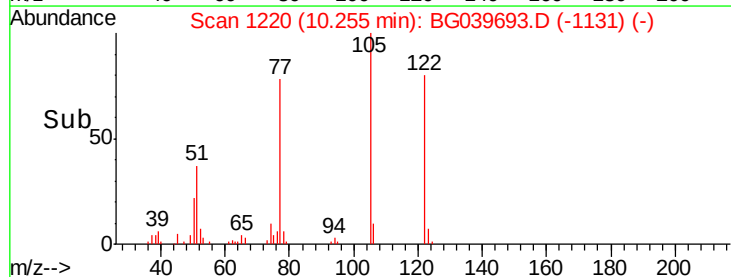
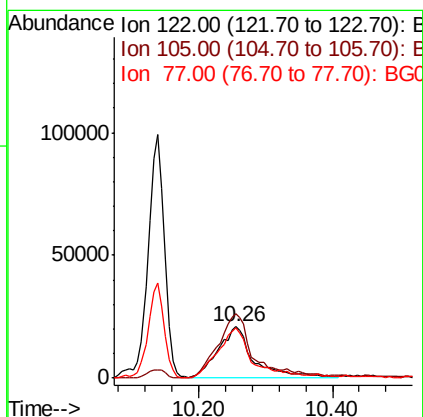
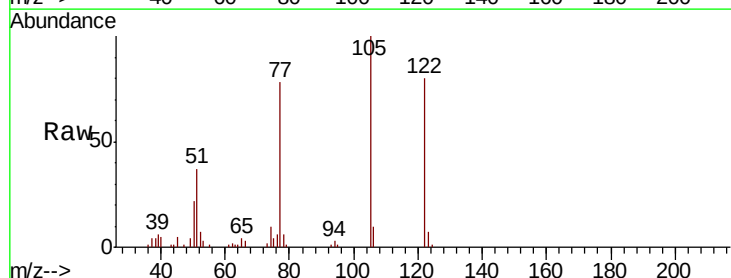
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

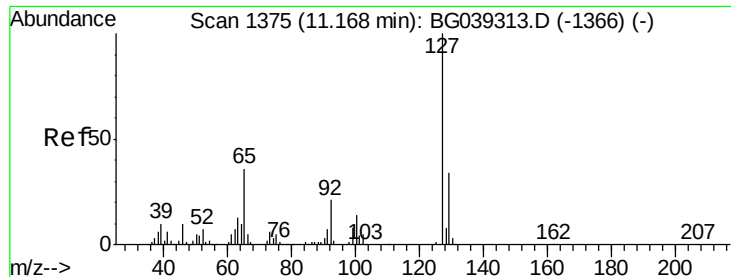
Tgt Ion:128 Resp: 504015
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 14.1 10.8 16.2



#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

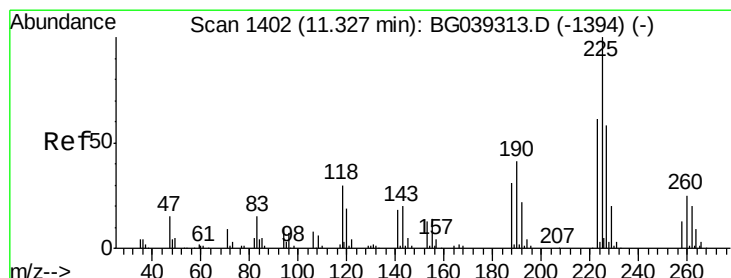
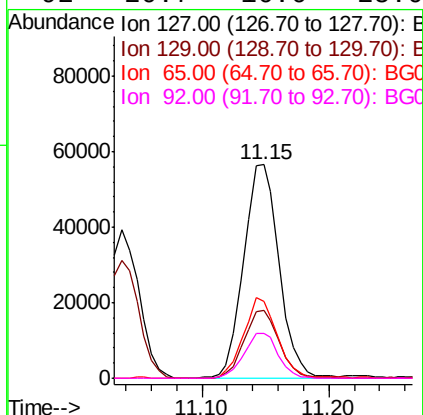
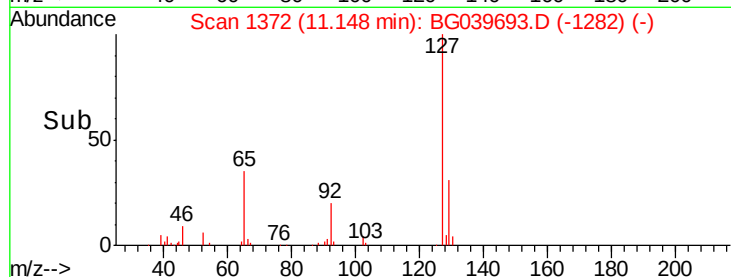
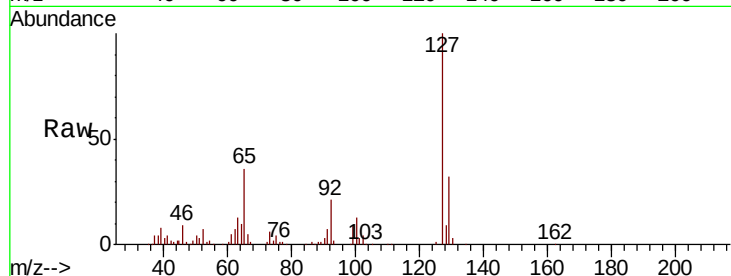




#33
4-Chloroaniline
Concen: 20.380 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

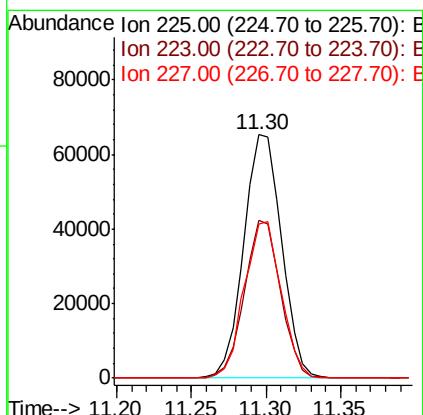
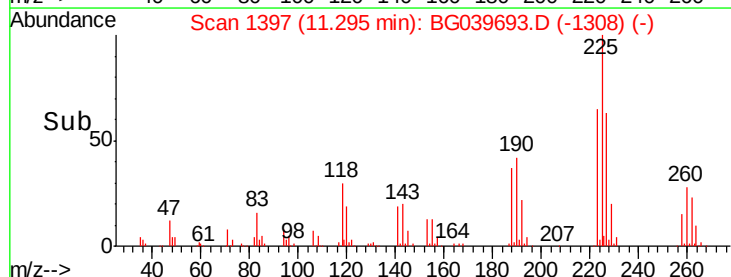
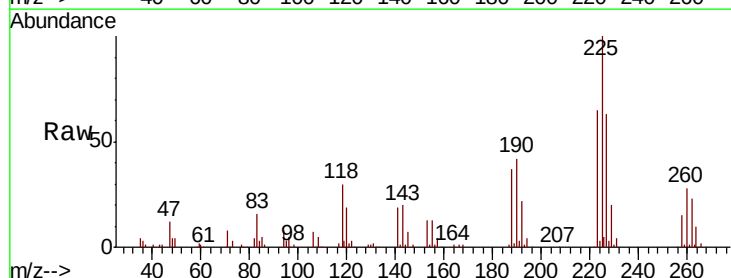
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

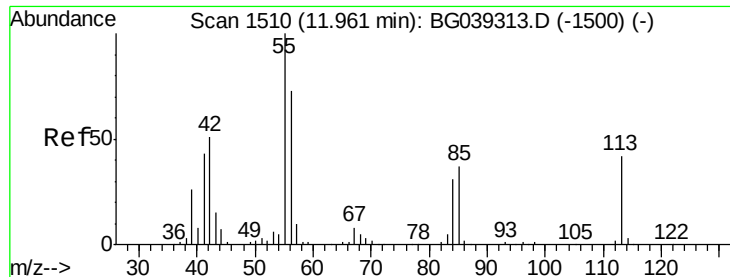
Tgt Ion:	127	Resp:	110096
Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.0	40.4
65	36.0	28.8	43.2
92	20.7	16.6	25.0



#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

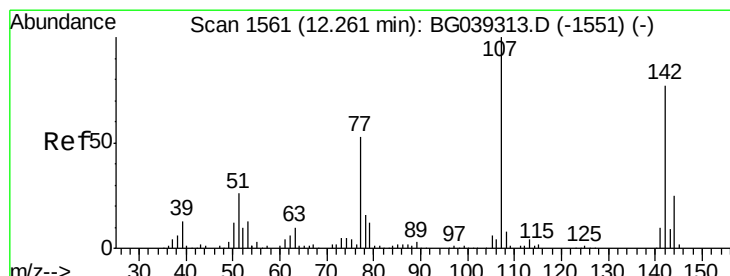
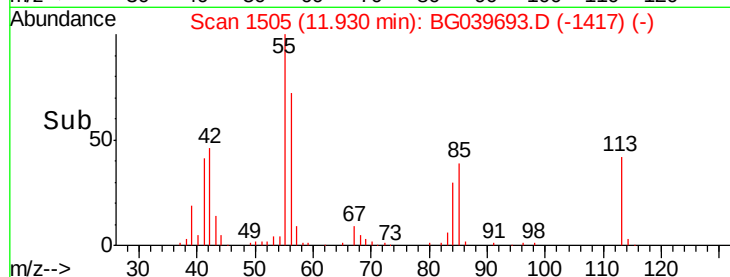
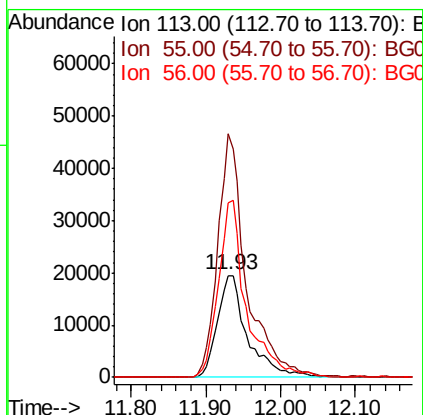
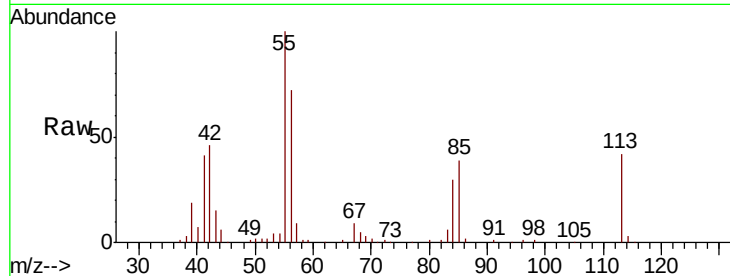




#35
 Caprolactam
 Concen: 35.914 ng
 RT: 11.93 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

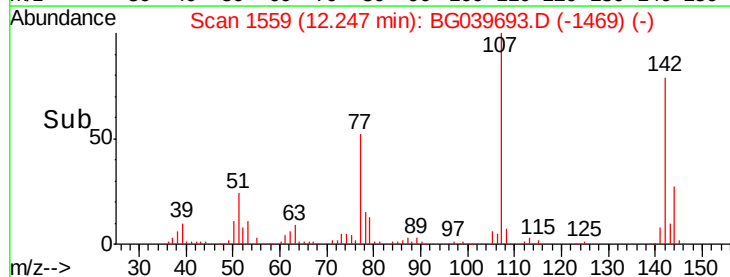
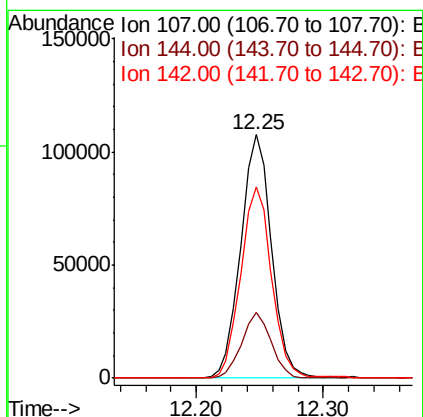
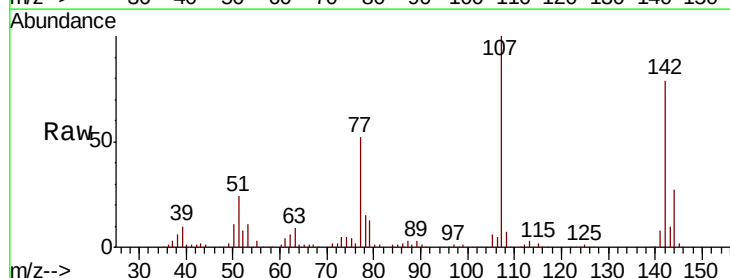
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

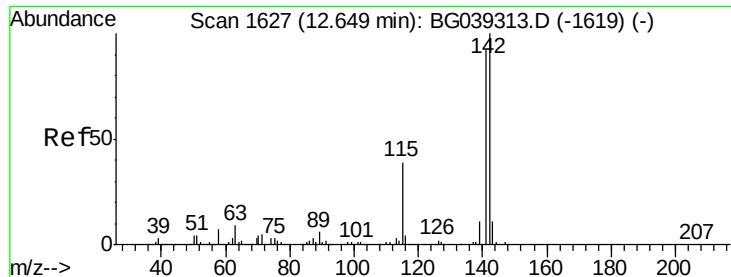
Tgt Ion:113 Resp: 54737
 Ion Ratio Lower Upper
 113 100
 55 239.1 216.9 256.9
 56 171.5 152.6 192.6



#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

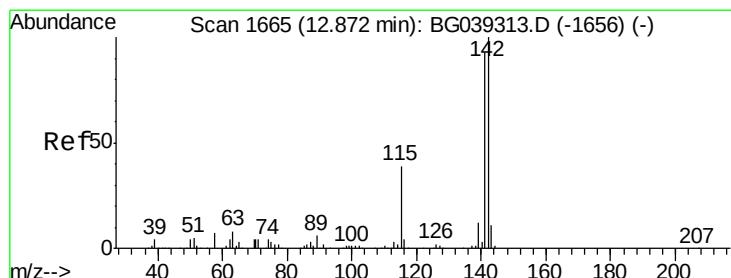
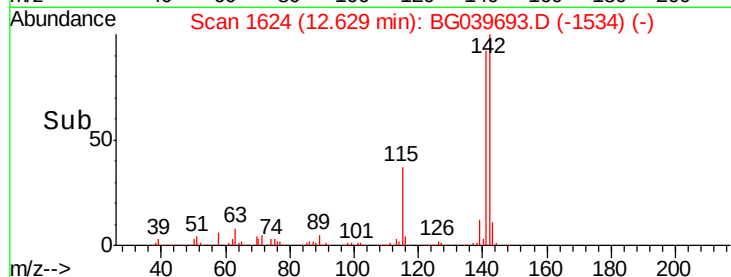
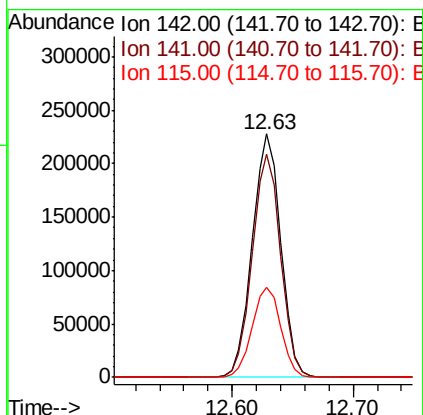
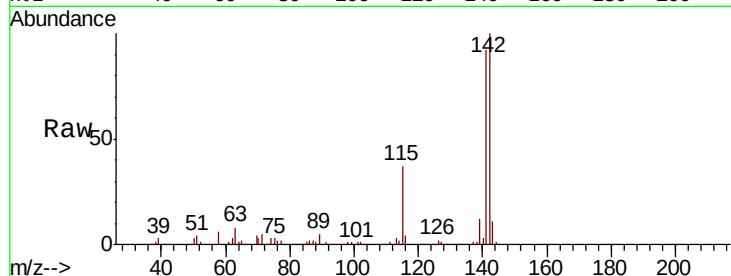




#37
 2-Methylnaphthalene
 Concen: 43.608 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

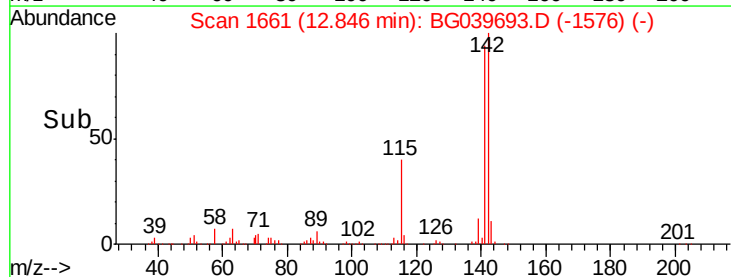
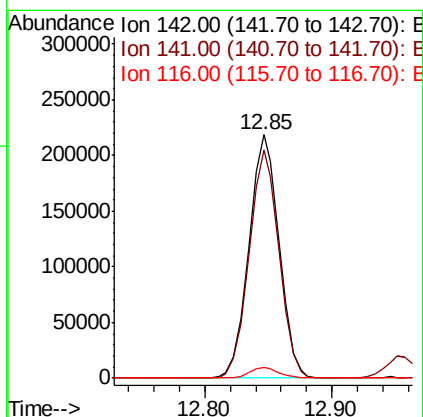
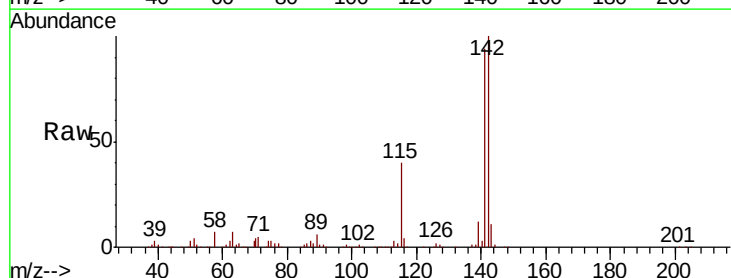
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

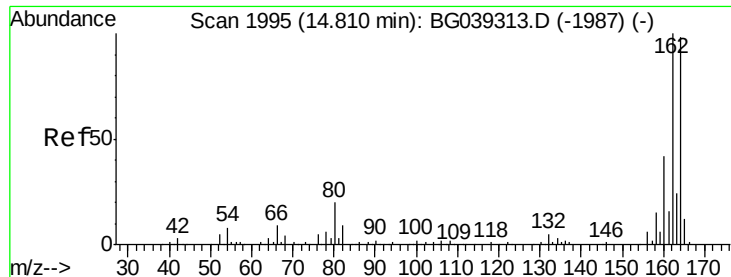
Tgt Ion:142 Resp: 376304
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.5 110.3
 115 36.8 30.8 46.2



#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

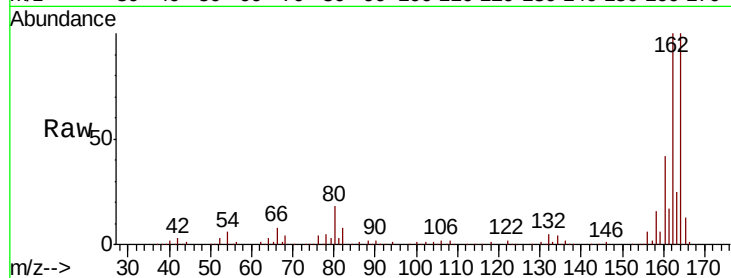
Tgt Ion:164 Resp: 151357

Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

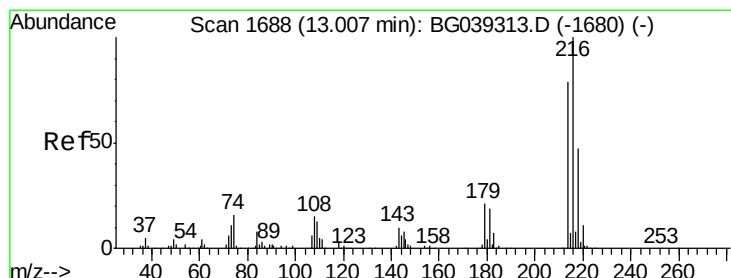
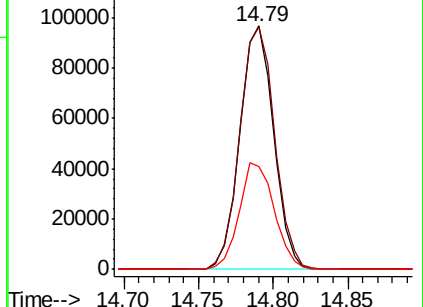
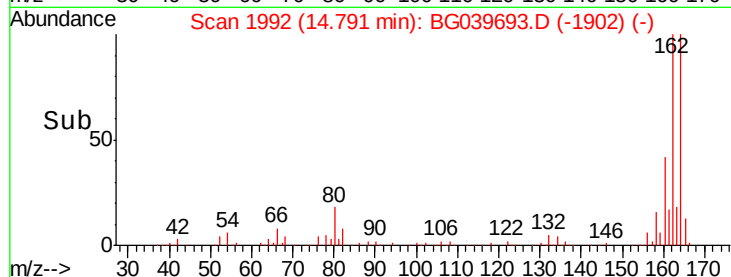
160 42.3 34.2 51.2



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

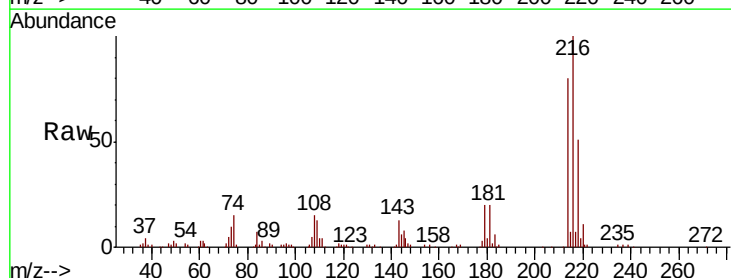
Ion Ratio Lower Upper

216 100

214 79.6 62.6 94.0

179 20.5 16.6 25.0

108 18.3 14.0 21.0

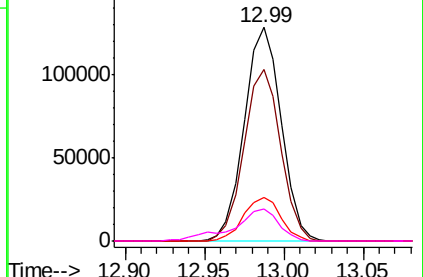
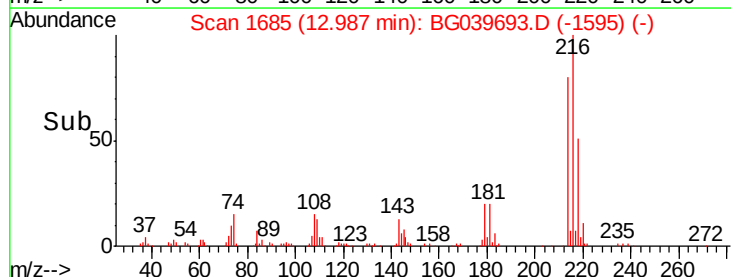


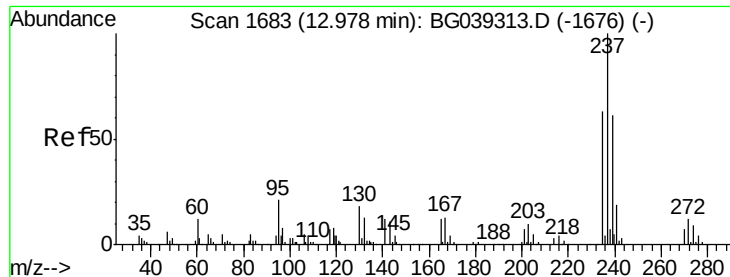
Abundance Ion 216.00 (215.70 to 216.70): E

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

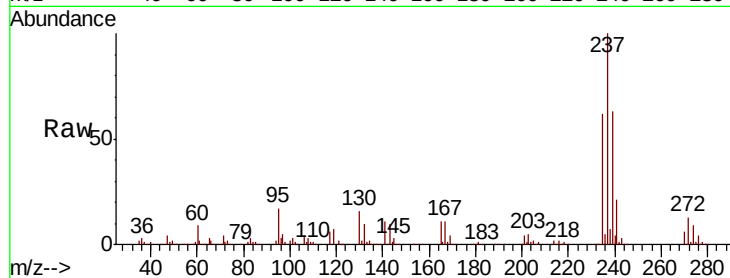
Tgt Ion:237 Resp: 276580

Ion Ratio Lower Upper

237 100

235 62.2 43.3 83.3

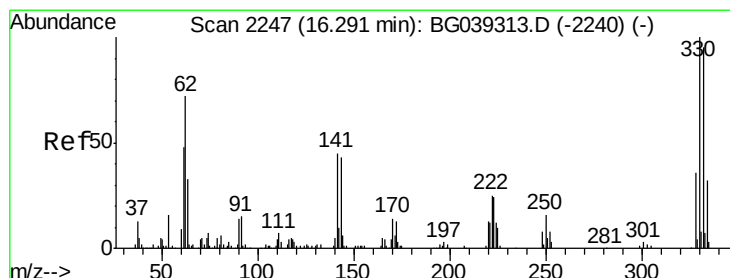
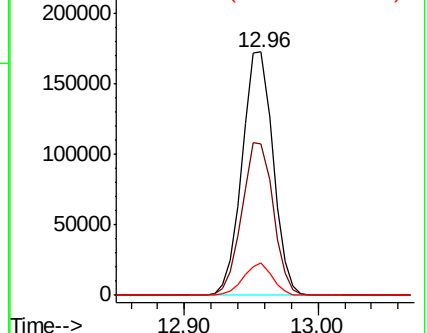
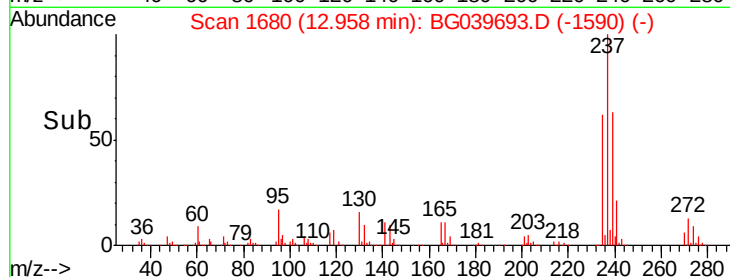
272 13.3 0.0 32.3



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

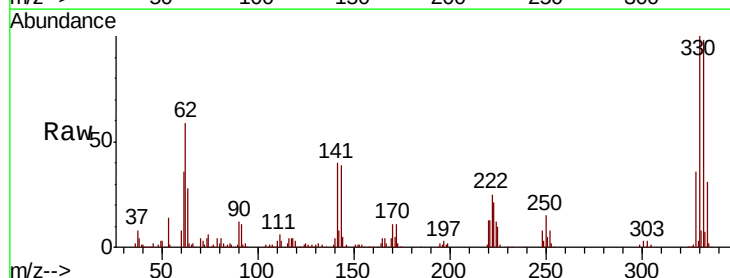
Tgt Ion:330 Resp: 209342

Ion Ratio Lower Upper

330 100

332 97.3 75.7 113.5

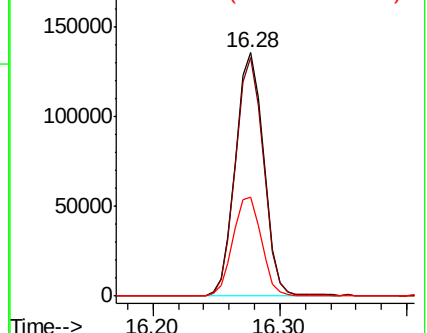
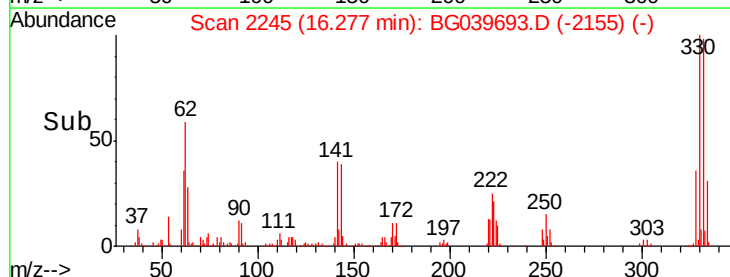
141 41.2 35.6 53.4

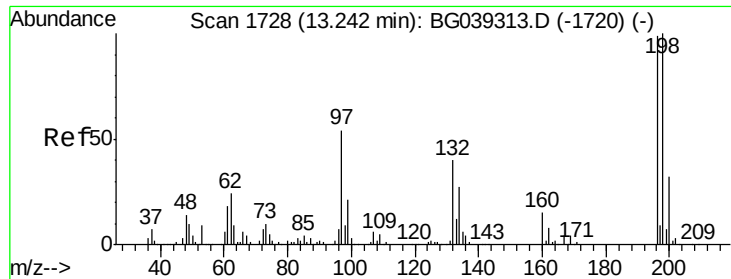


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

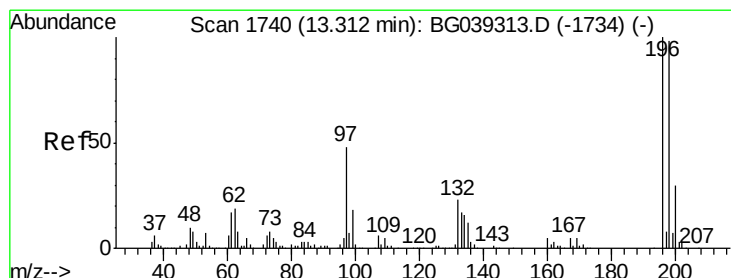
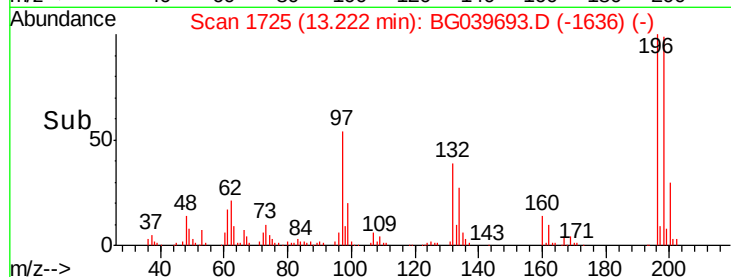
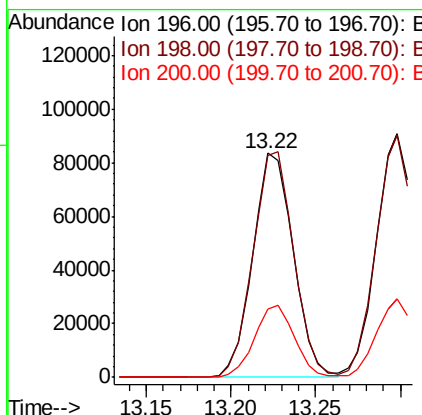
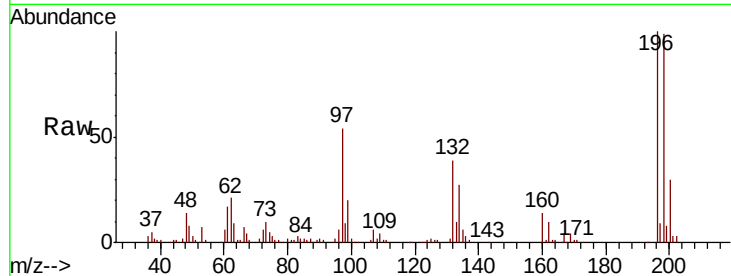




#43
 2,4,6-Trichlorophenol
 Concen: 46.957 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

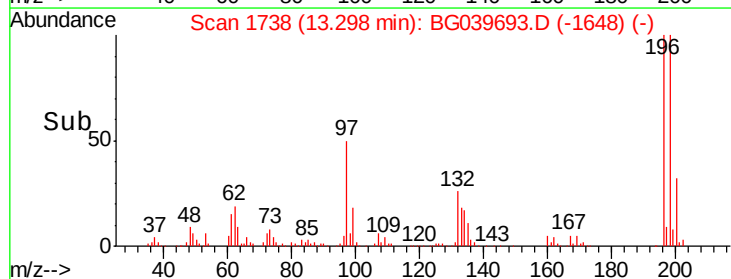
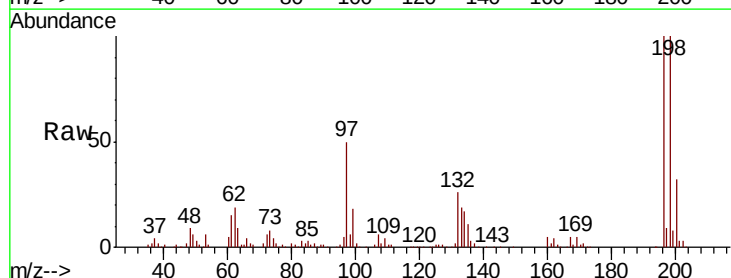
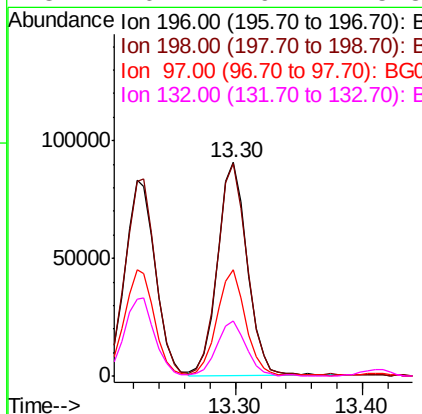
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

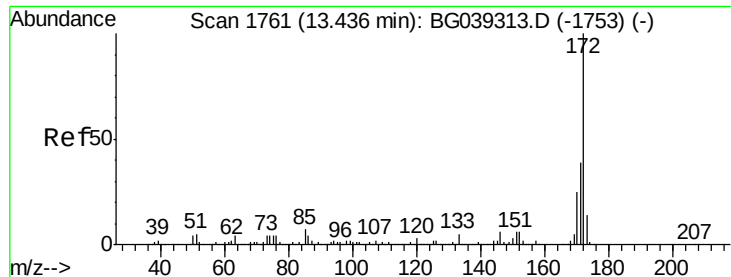
Tgt Ion:196 Resp: 139037
 Ion Ratio Lower Upper
 196 100
 198 99.2 80.6 121.0
 200 30.3 26.1 39.1



#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:196 Resp: 146884
 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

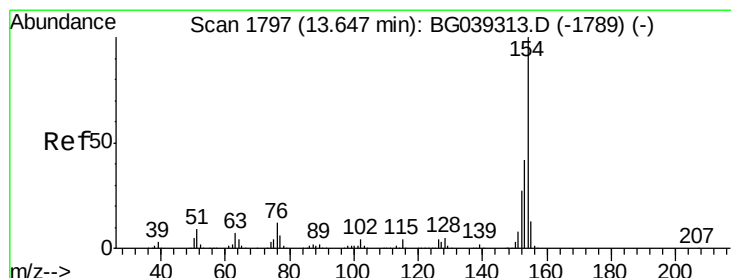
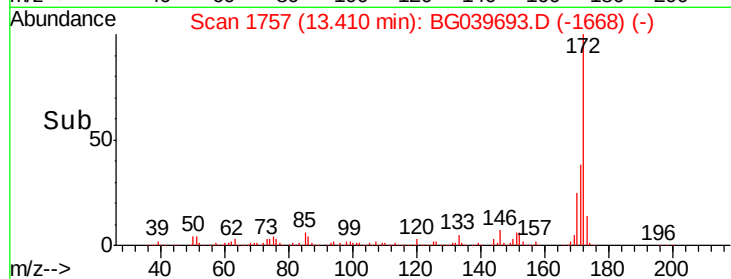
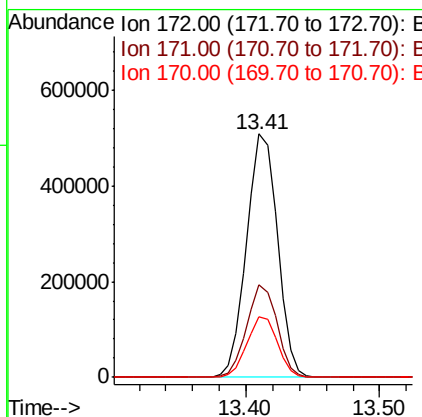
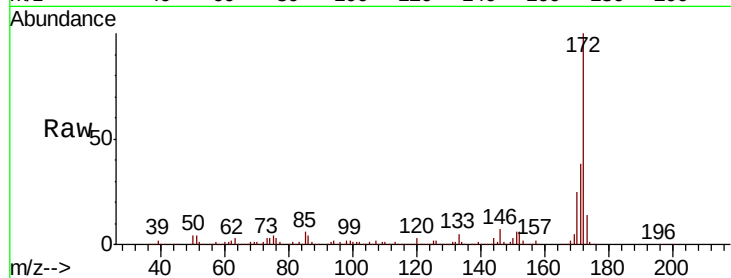




#45
 2-Fluorobiphenyl
 Concen: 76.959 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

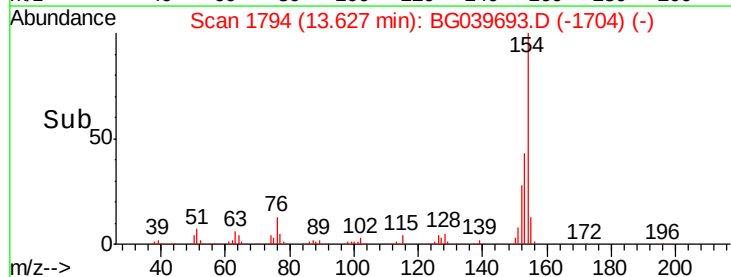
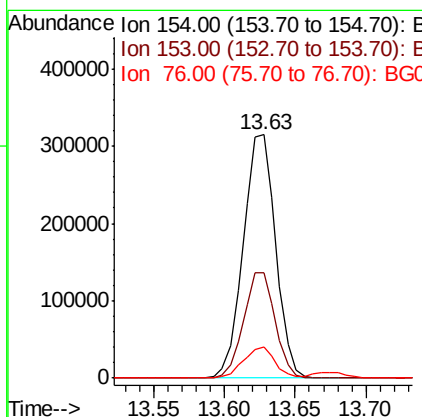
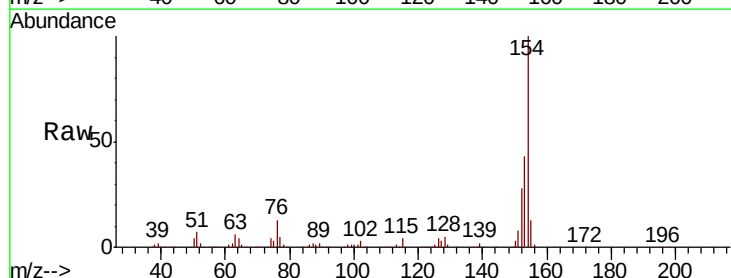
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

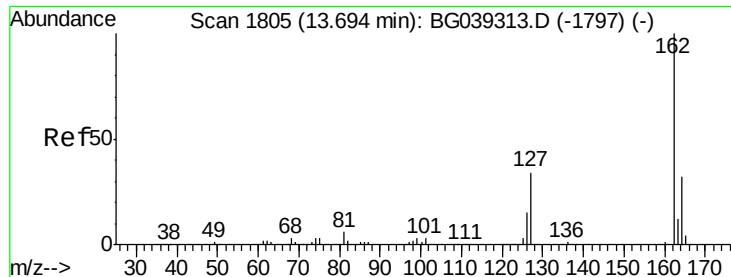
Tgt Ion:172 Resp: 811984
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 24.8 20.2 30.4



#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

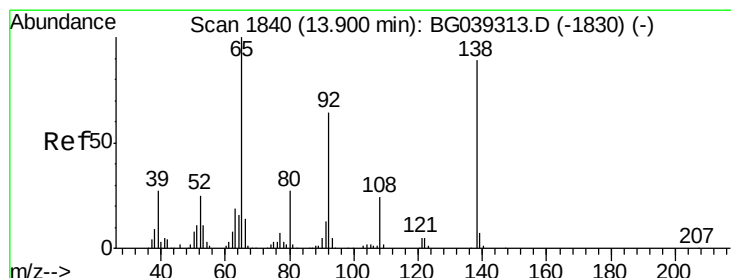
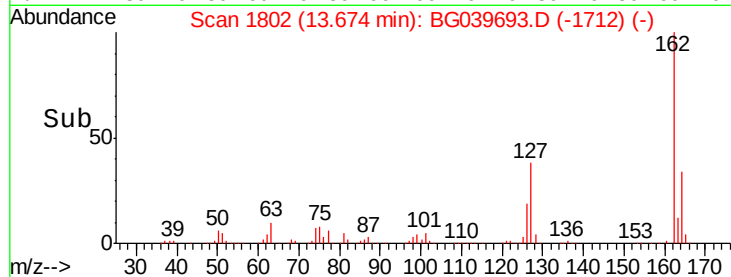
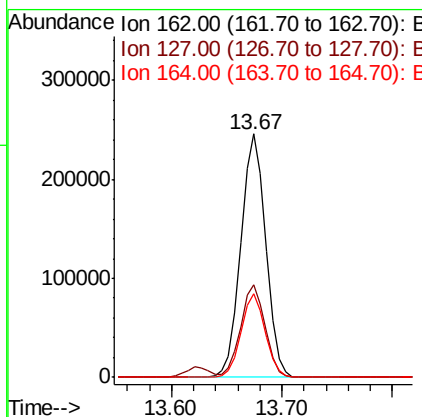
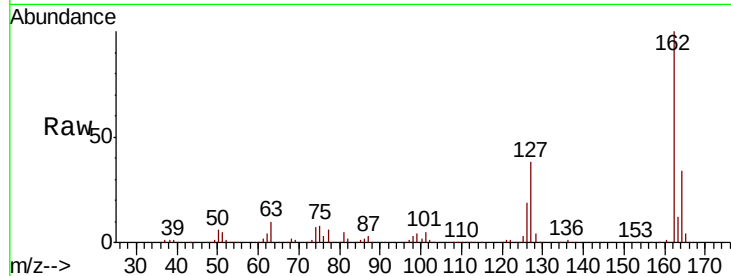




#47
2-Chloronaphthalene
Concen: 41.082 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

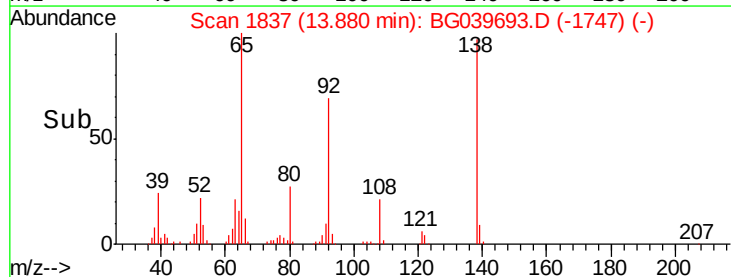
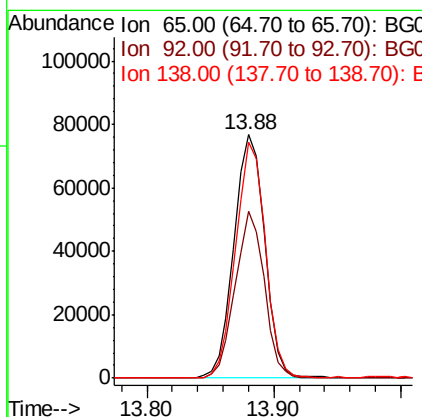
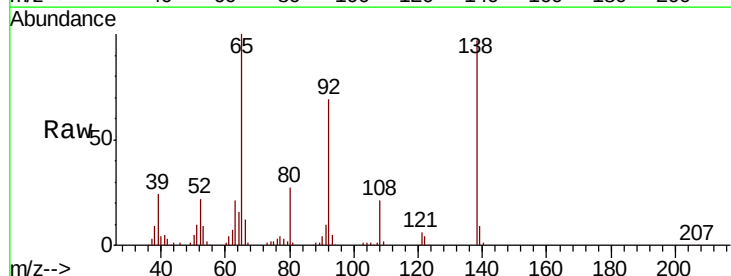
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

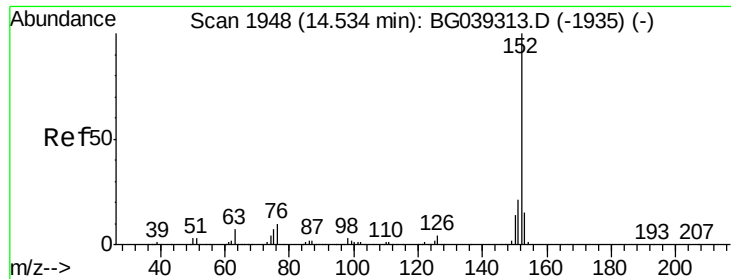
Tgt Ion: 162 Resp: 389198
Ion Ratio Lower Upper
162 100
127 37.9 31.0 46.6
164 34.1 25.7 38.5



#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

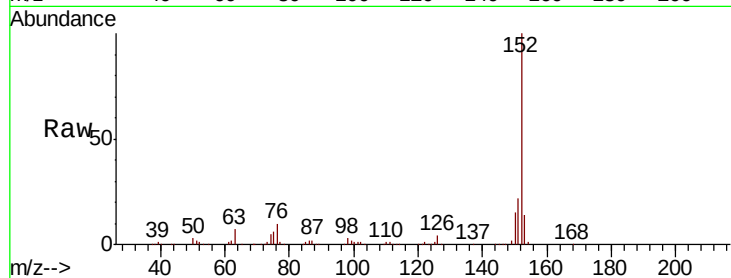
Tgt Ion:152 Resp: 608111

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

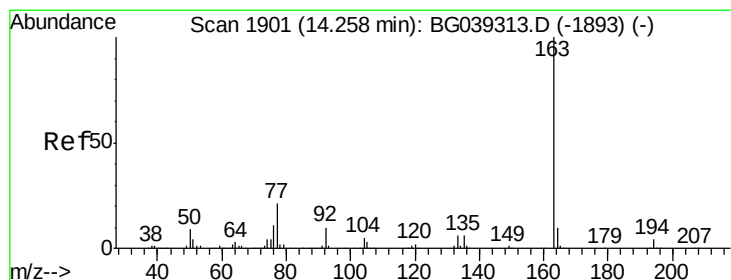
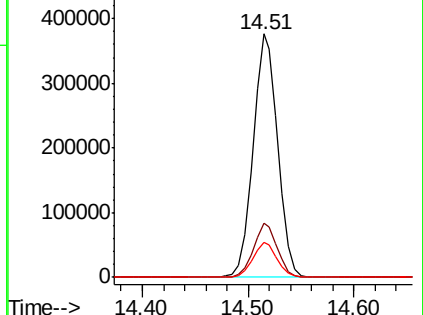
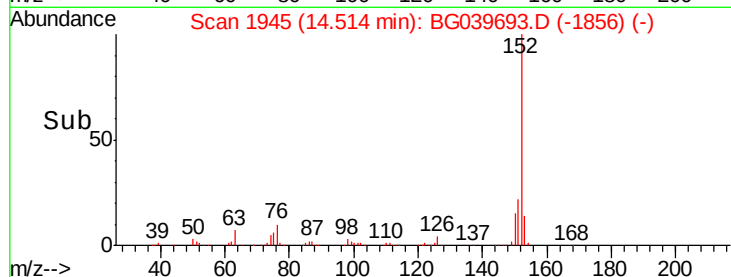
153 14.3 11.7 17.5



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

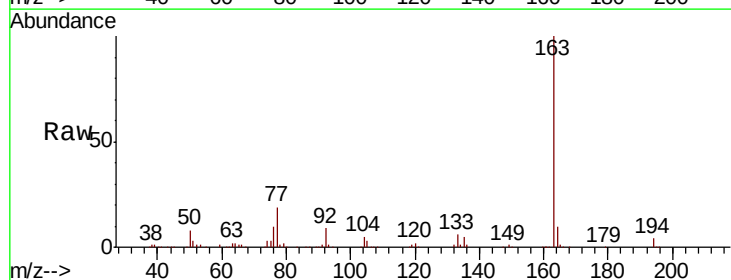
Tgt Ion:163 Resp: 488824

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

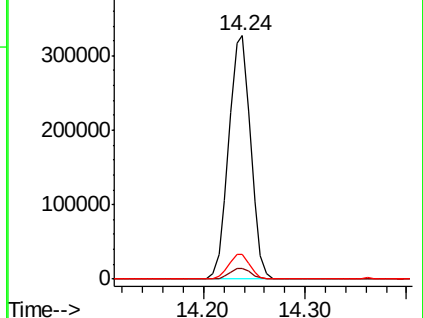
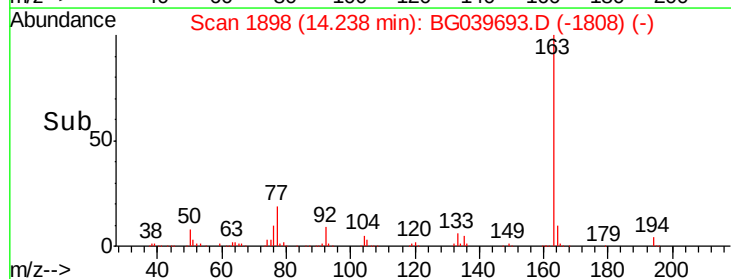
164 10.0 8.4 12.6

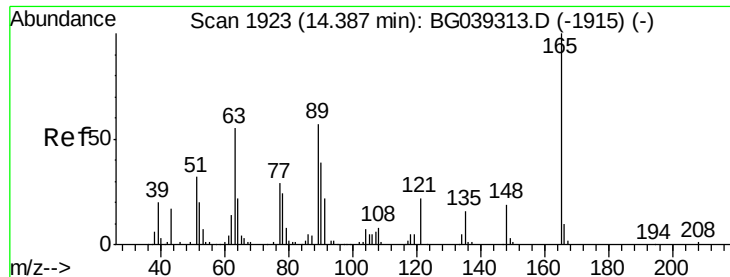


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

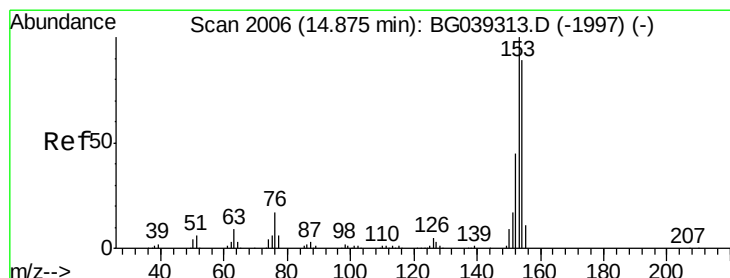
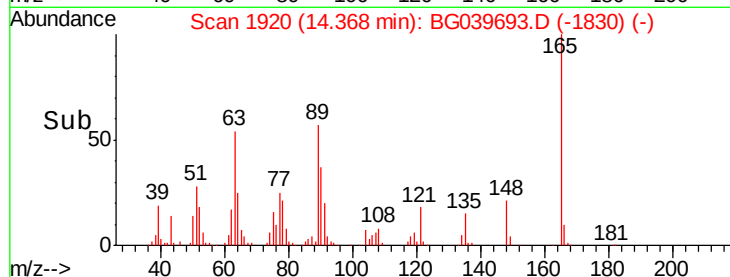
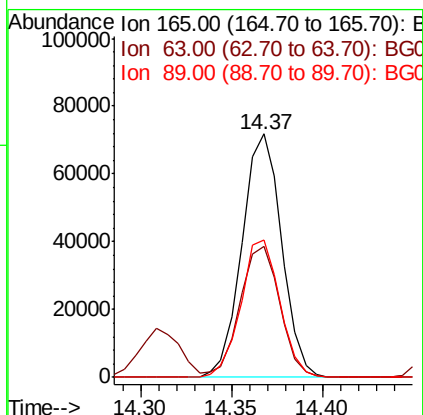
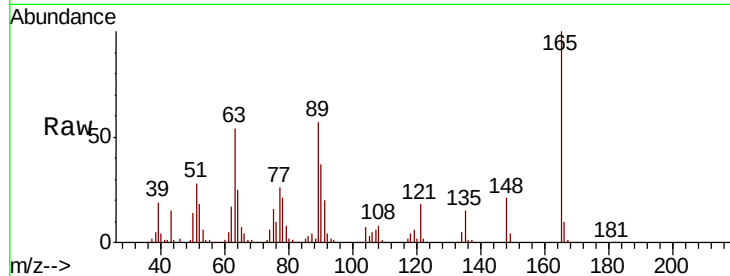




#51
 2,6-Dinitrotoluene
 Concen: 47.967 ng
 RT: 14.37 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

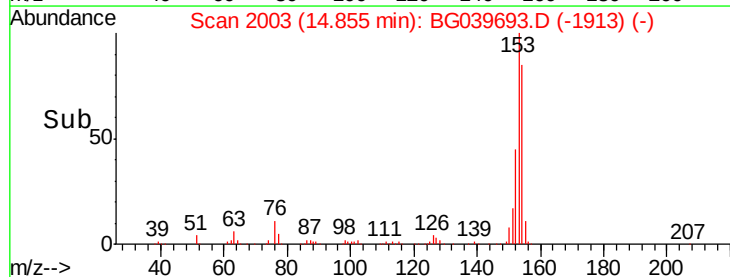
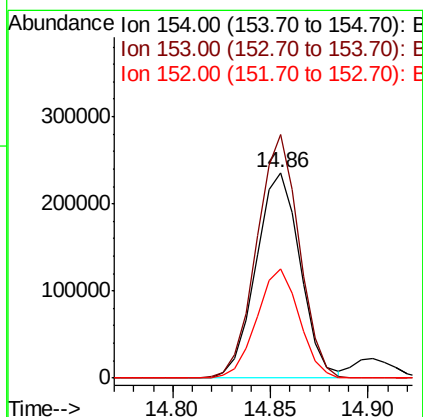
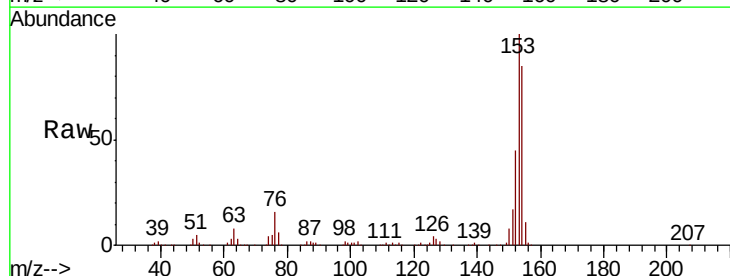
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

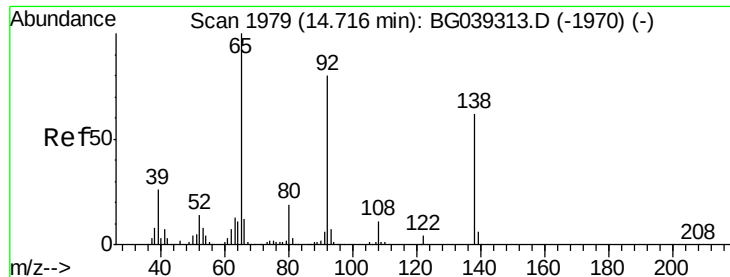
Tgt Ion:165 Resp: 109575
 Ion Ratio Lower Upper
 165 100
 63 54.0 47.0 70.6
 89 56.6 45.8 68.8



#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





#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

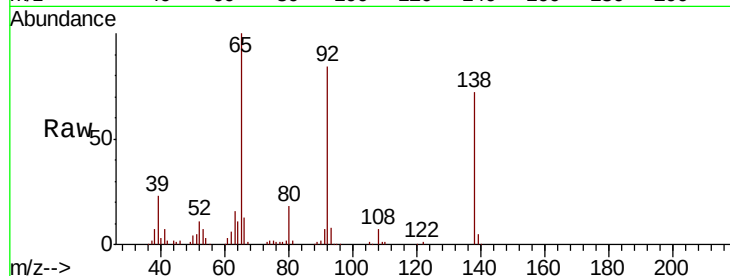
Tgt Ion:138 Resp: 73166

Ion Ratio Lower Upper

138 100

108 9.9 13.8 20.8#

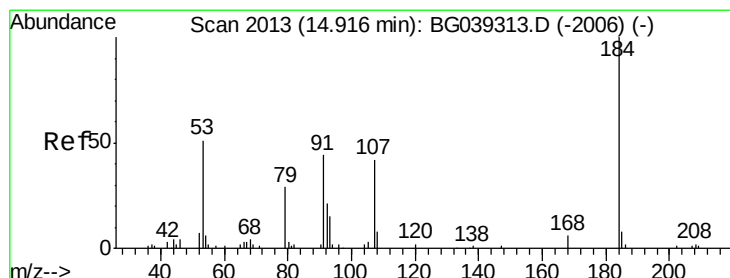
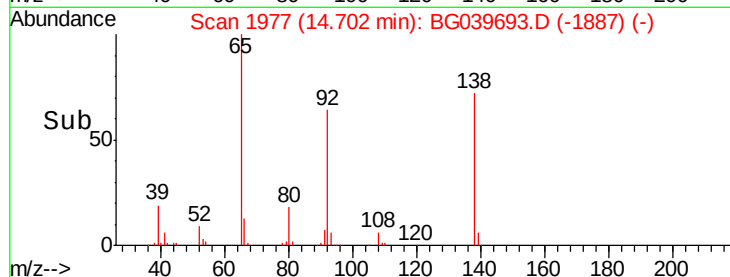
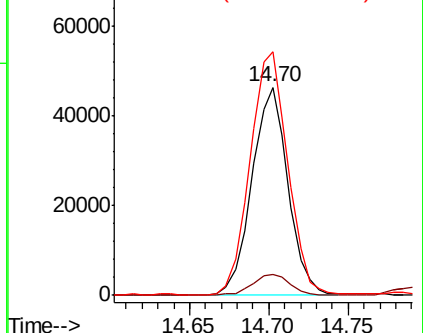
92 117.1 103.7 155.5



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

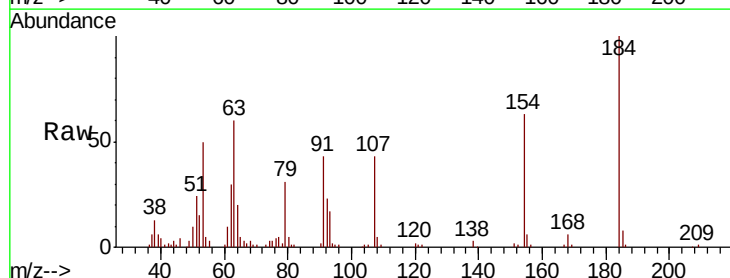
Tgt Ion:184 Resp: 58675

Ion Ratio Lower Upper

184 100

63 59.7 50.9 76.3

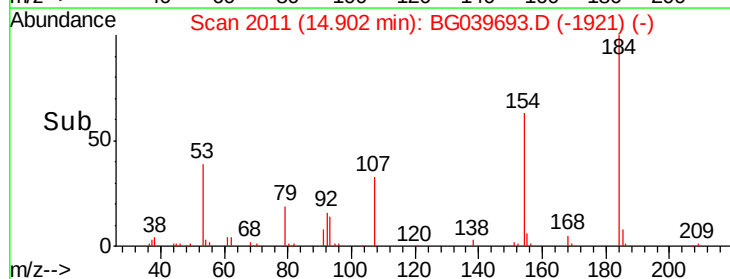
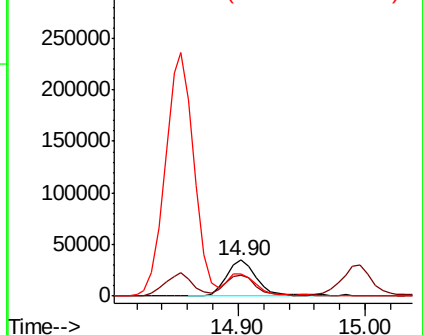
154 62.6 53.0 79.6

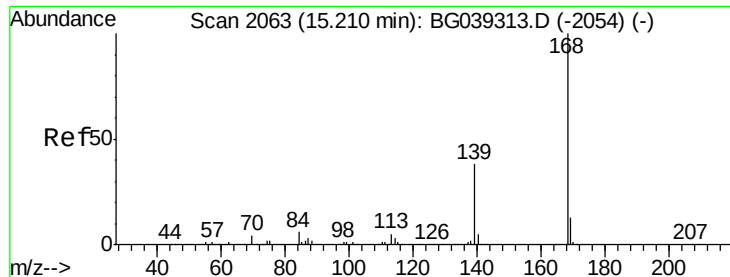


Abundance Ion 184.00 (183.70 to 184.70): E

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

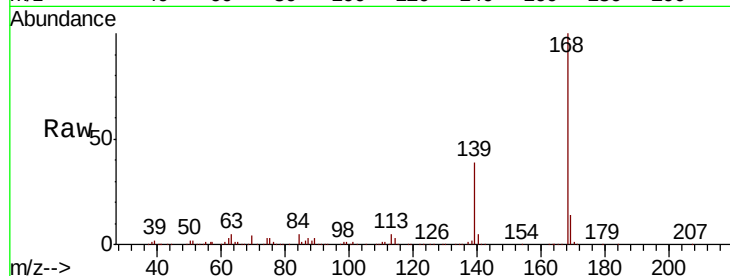
Tgt Ion:168 Resp: 594210

Ion Ratio Lower Upper

168 100

139 38.6 30.1 45.1

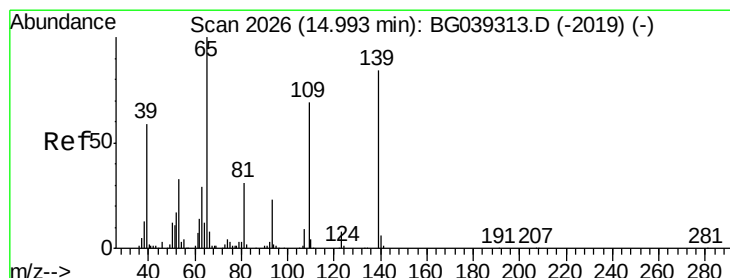
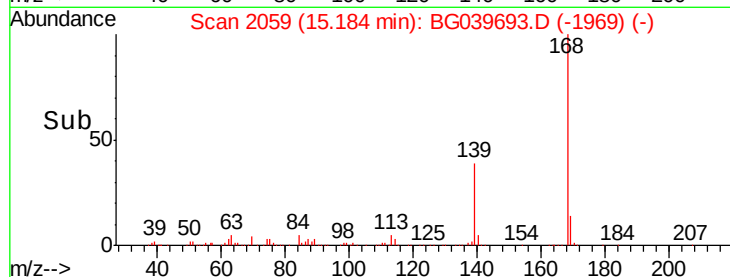
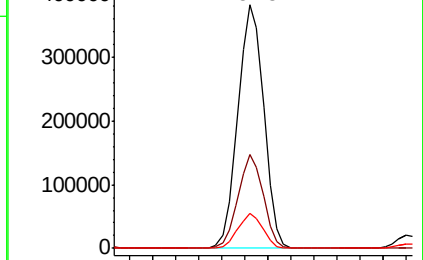
169 14.2 10.6 16.0



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

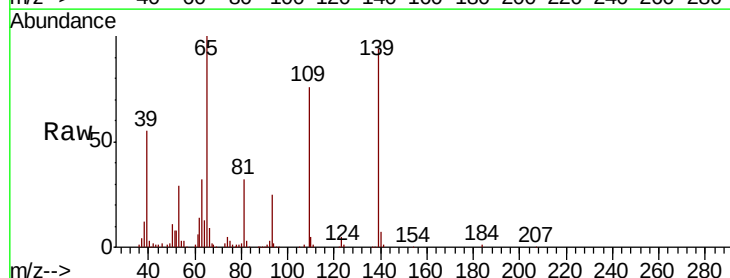
Tgt Ion:139 Resp: 159676

Ion Ratio Lower Upper

139 100

109 80.5 61.9 101.9

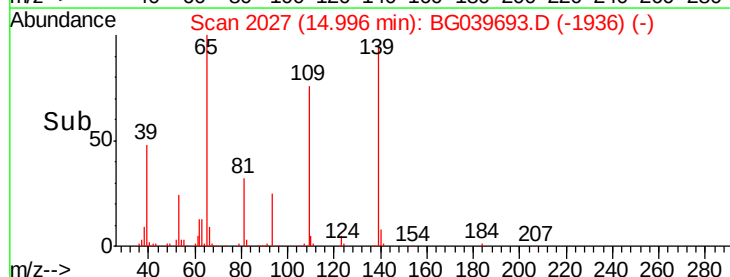
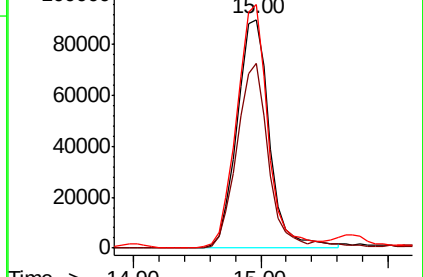
65 106.4 99.1 139.1

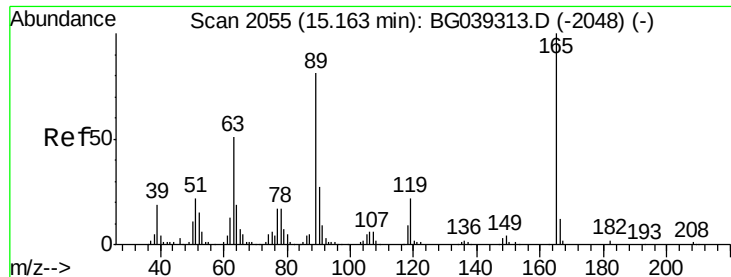


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

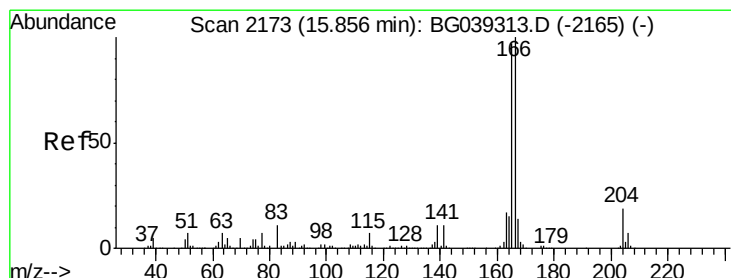
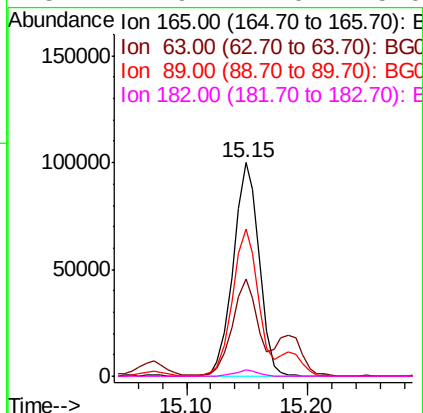
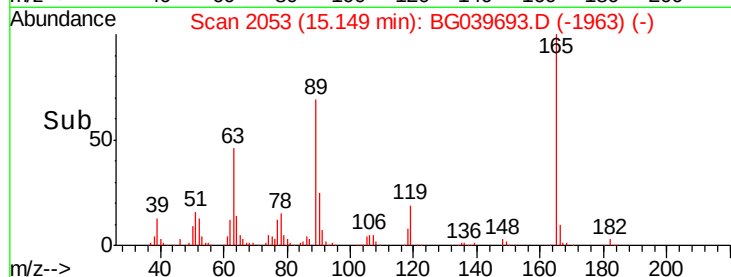
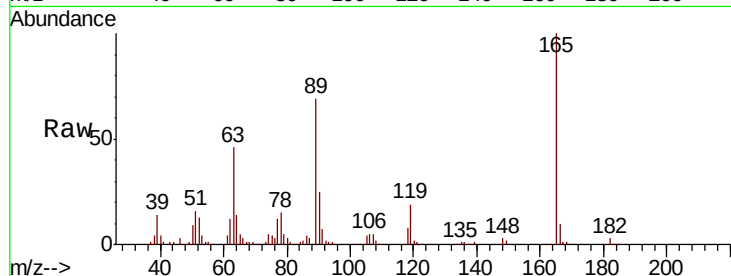




#57
 2,4-Dinitrotoluene
 Concen: 50.430 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

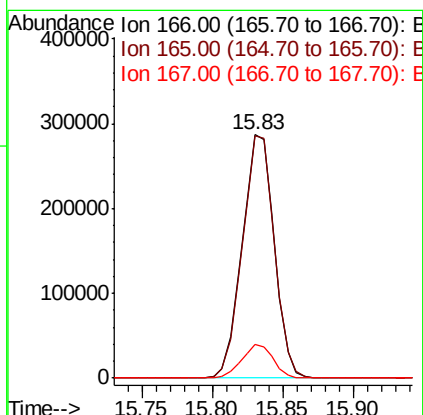
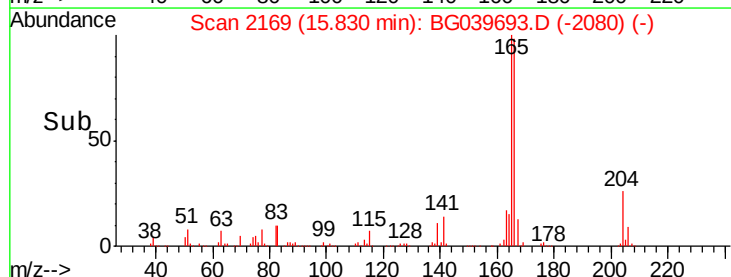
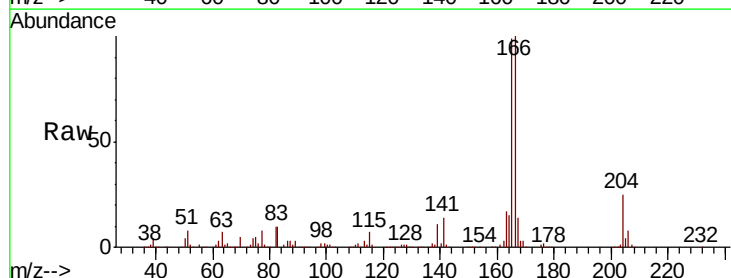
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

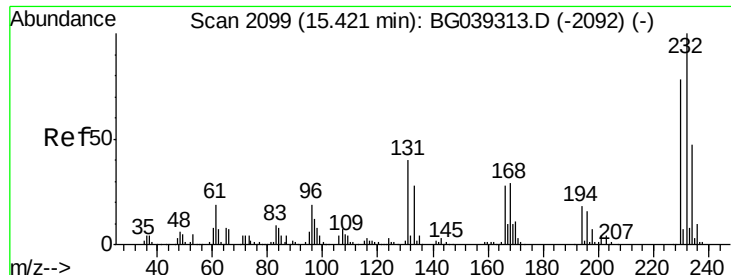
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	41.0	61.6
89	68.8	64.6	96.8
182	2.9	2.0	3.0



#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	Ratio	Lower	Upper
166	100		
165	99.4	77.9	116.9
167	13.9	10.8	16.2

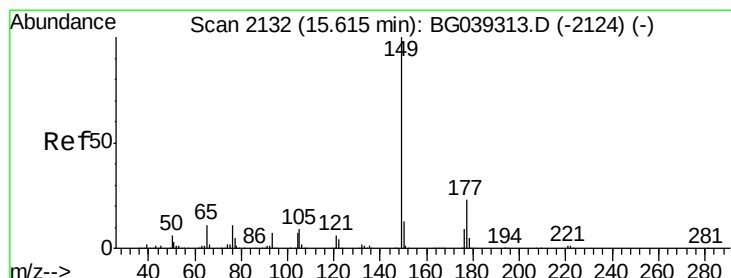
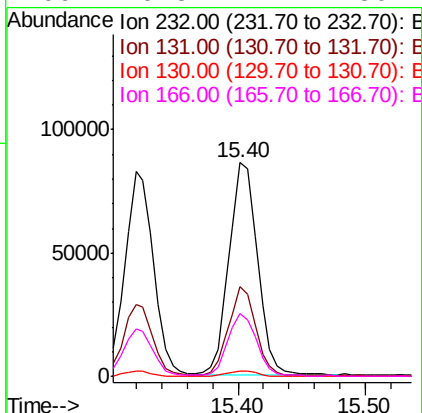
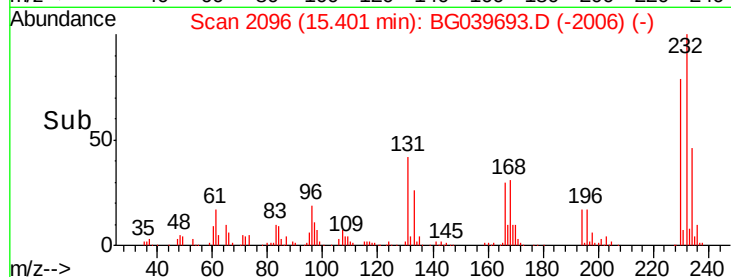
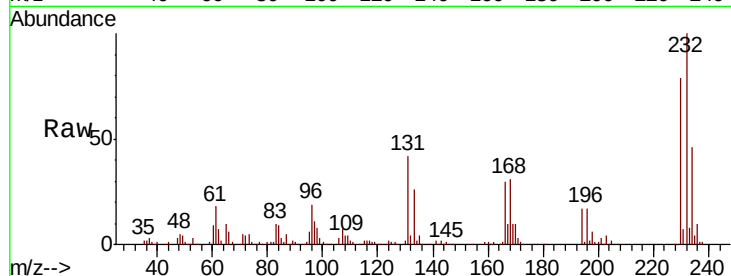




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.232 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

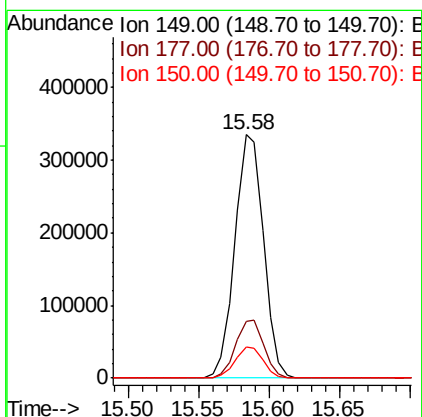
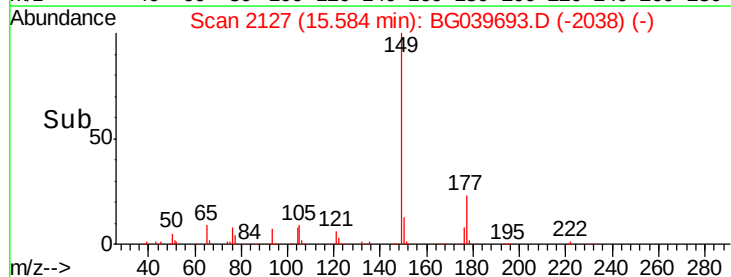
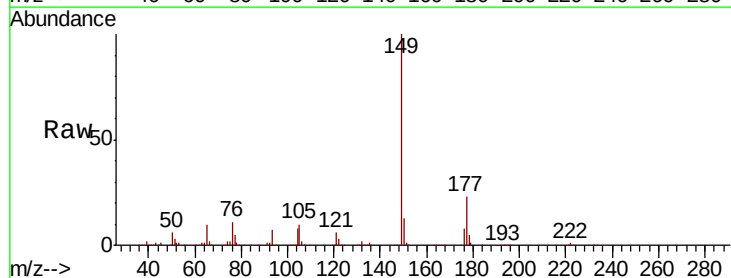
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

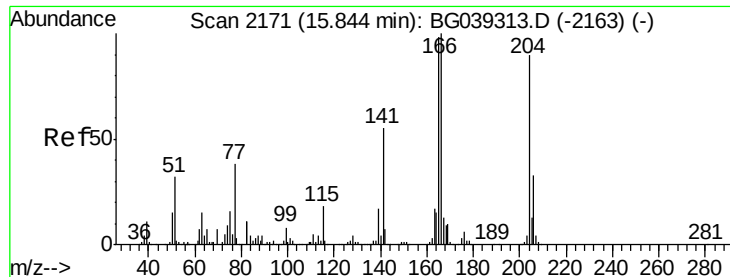
Tgt Ion:	232	Resp:	134335
Ion Ratio	Lower	Upper	
232	100		
131	39.9	34.9	52.3
130	2.4	2.0	3.0
166	29.8	24.1	36.1



#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

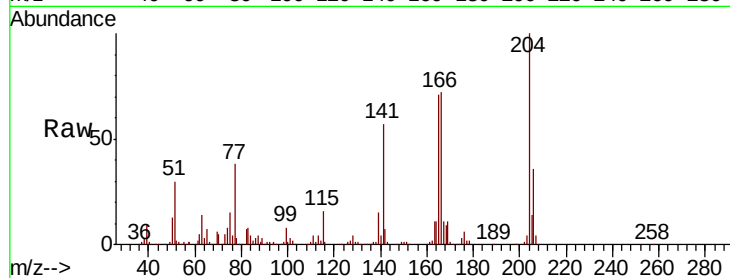




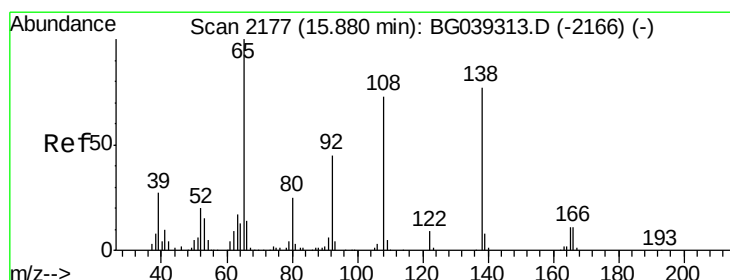
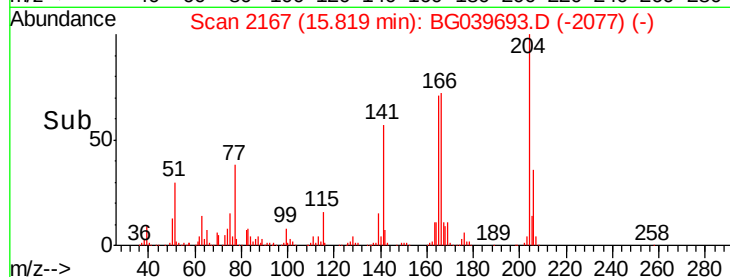
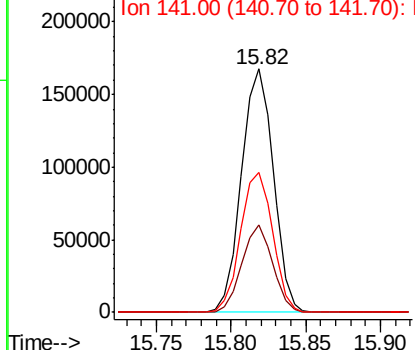
#61
4-Chlorophenyl-phenylether
Concen: 39.470 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

Instrument :
BNA_G
ClientSampleId :
PB117428BSD

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

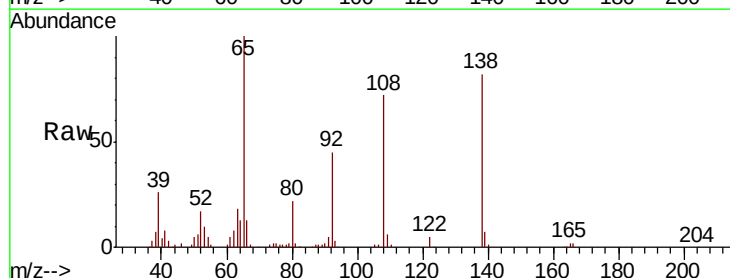


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

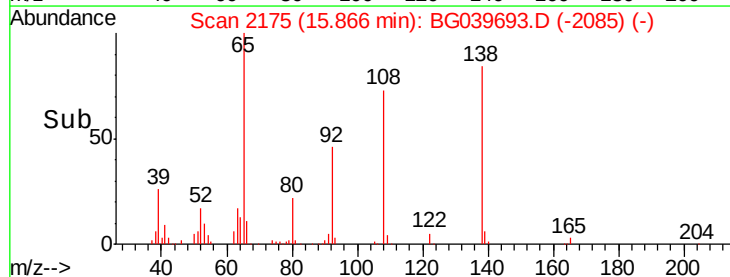
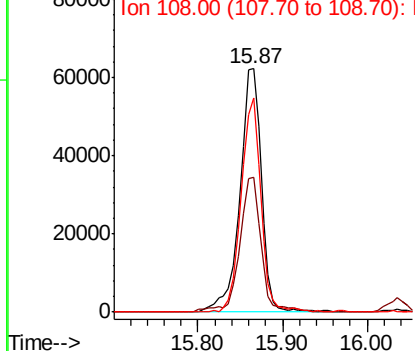


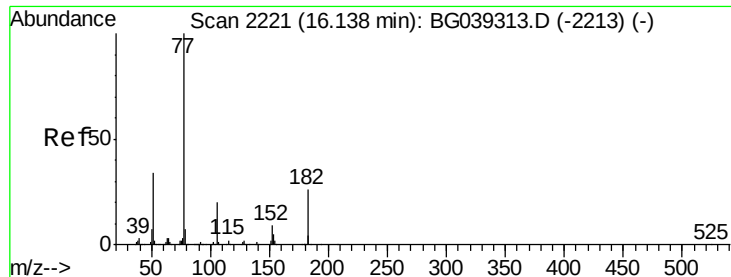
#62
4-Nitroaniline
Concen: 43.004 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

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



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

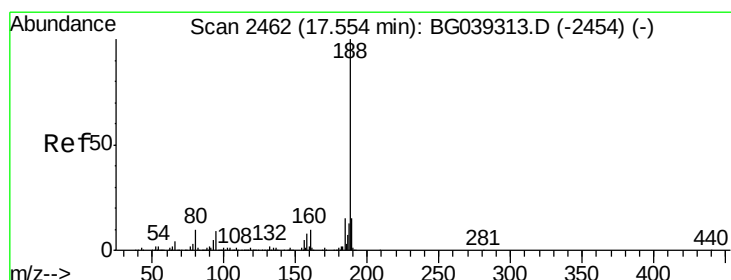
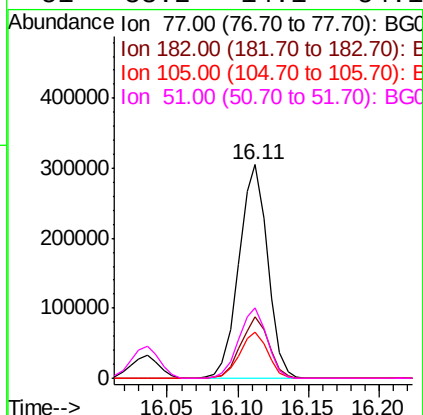
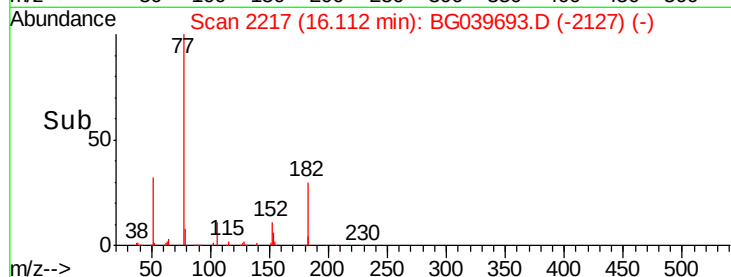
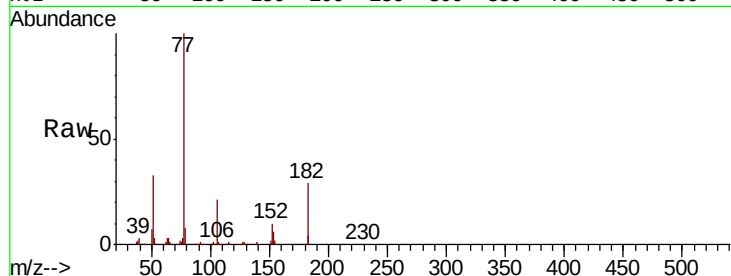




#63
Azobenzene
Concen: 34.996 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG039693.D
Acq: 1 Mar 2019 19:02

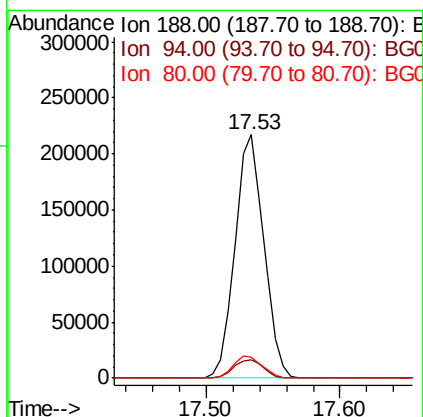
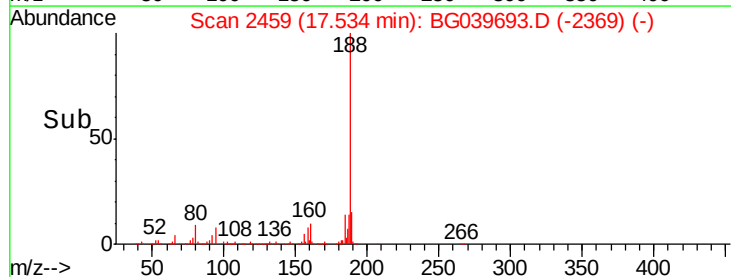
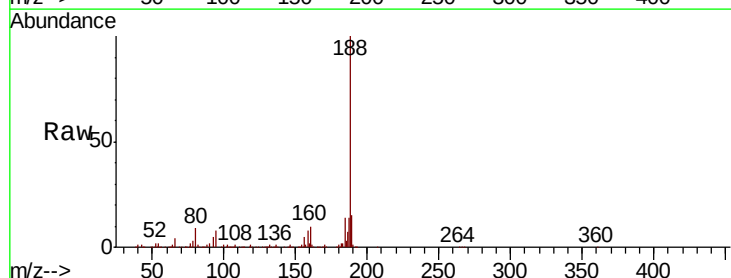
Instrument :
BNA_G
ClientSampleId :
PB117428BSD

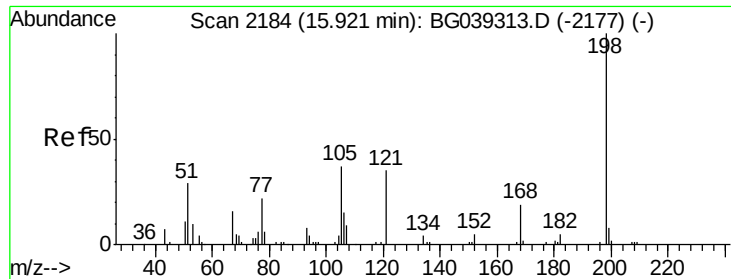
Tgt Ion:	77	Resp:	432313
Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.4	46.4
105	21.3	0.0	39.8
51	33.2	14.1	54.1



#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

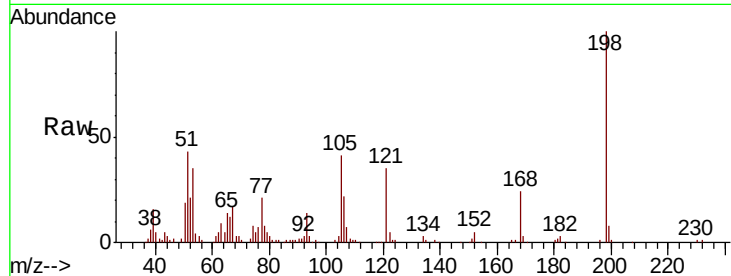
Tgt Ion:198 Resp: 60847

Ion Ratio Lower Upper

198 100

51 43.0 27.4 67.4

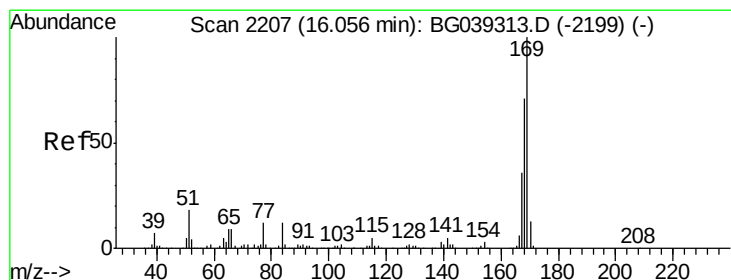
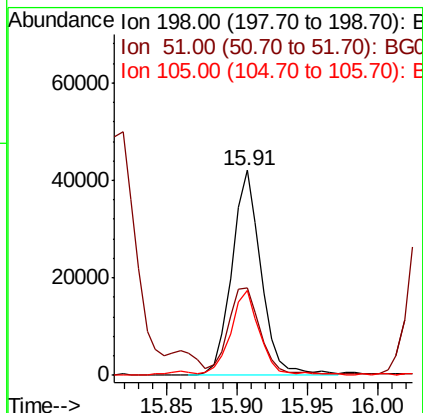
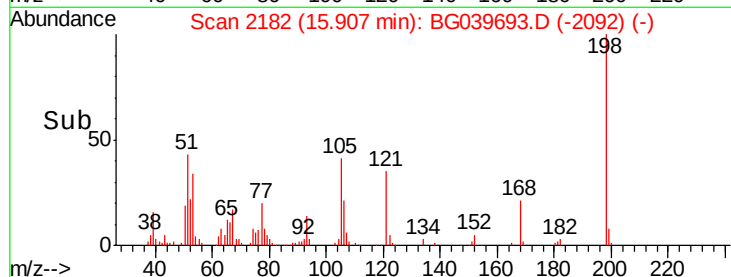
105 41.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#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

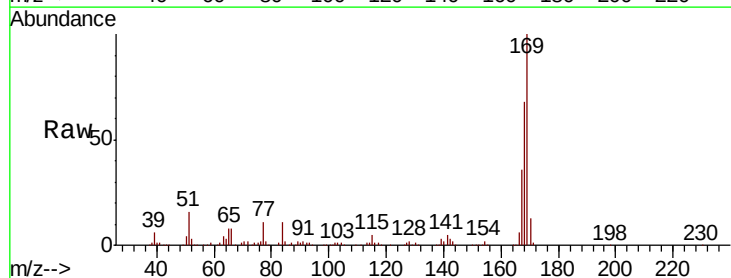
Tgt Ion:169 Resp: 414120

Ion Ratio Lower Upper

169 100

168 67.9 56.6 85.0

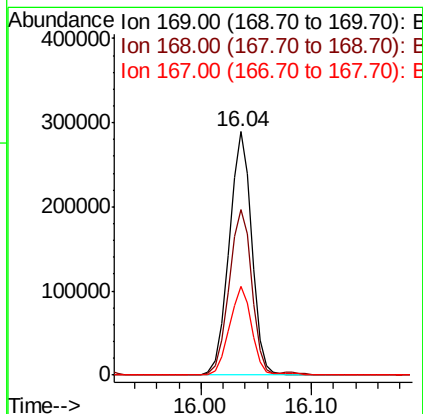
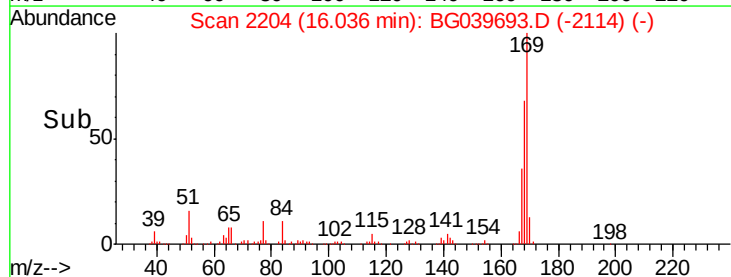
167 36.4 28.8 43.2

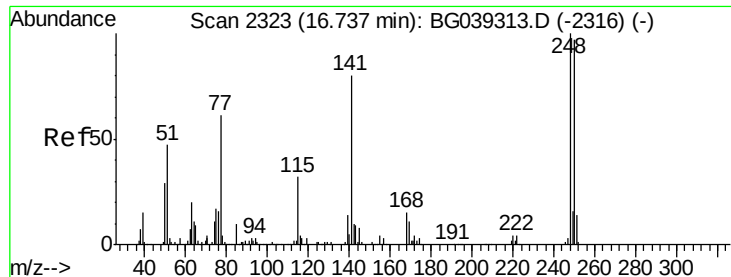


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

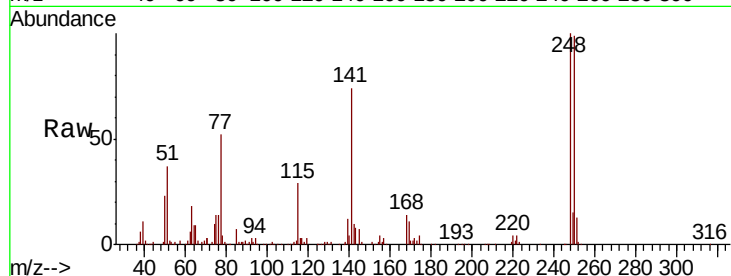




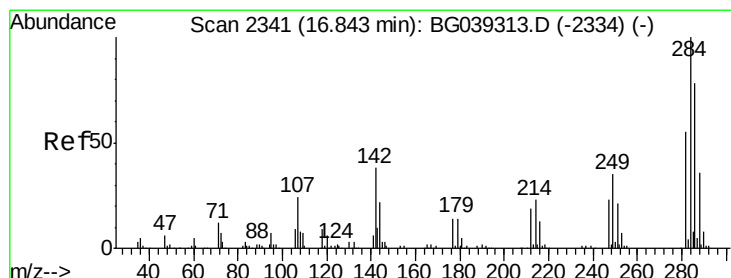
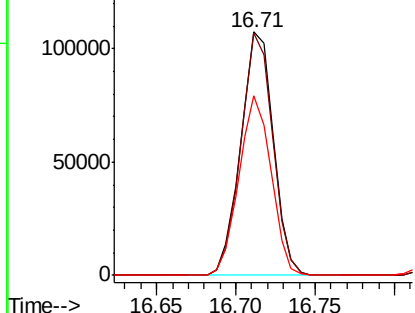
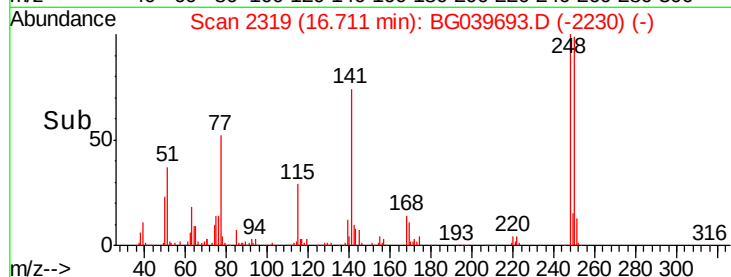
#67
 4-Bromophenyl-phenylether
 Concen: 42.562 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

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

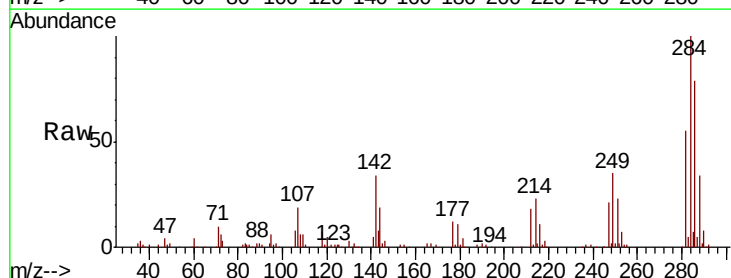


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

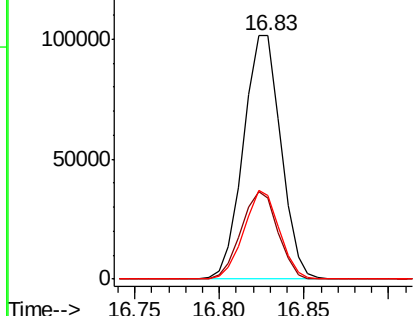
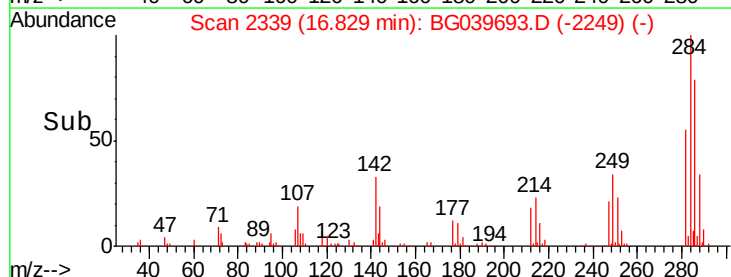


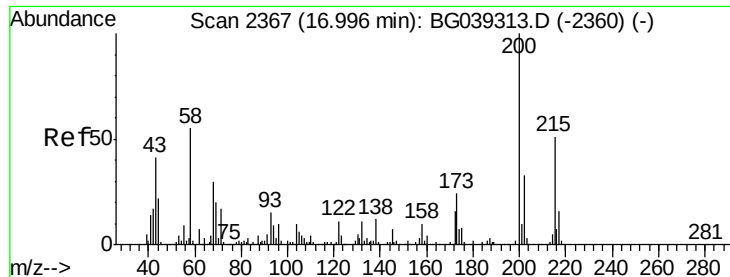
#68
 Hexachlorobenzene
 Concen: 43.287 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

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

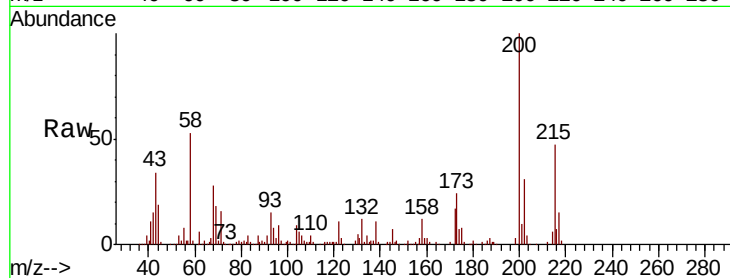
Tgt Ion:200 Resp: 154411

Ion Ratio Lower Upper

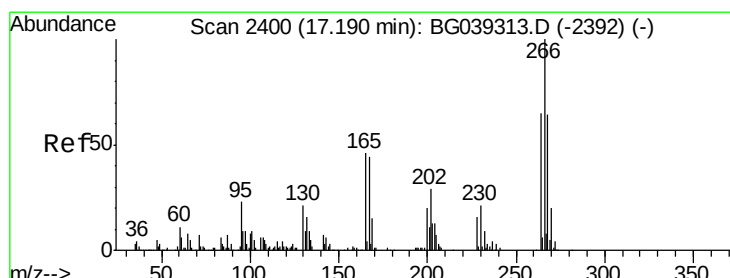
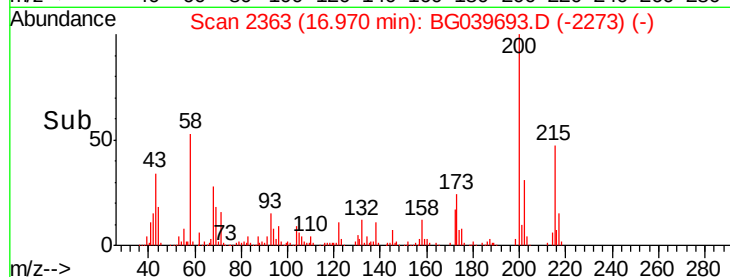
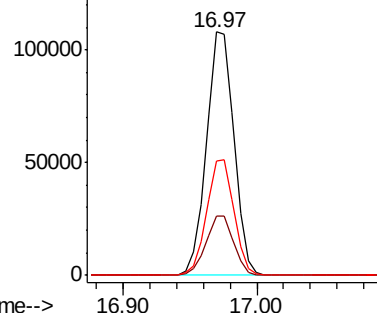
200 100

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

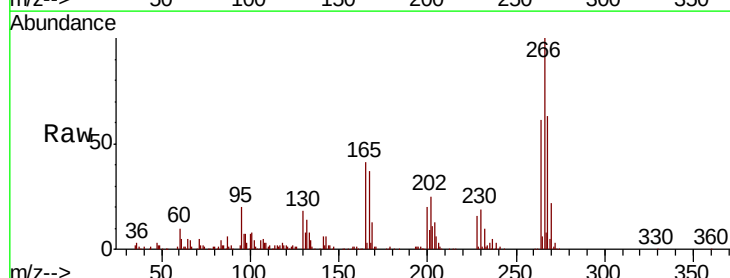
Tgt Ion:266 Resp: 178315

Ion Ratio Lower Upper

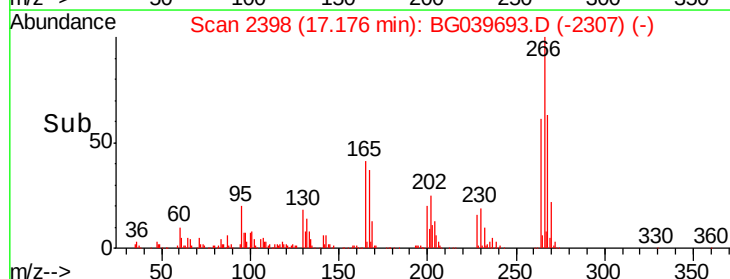
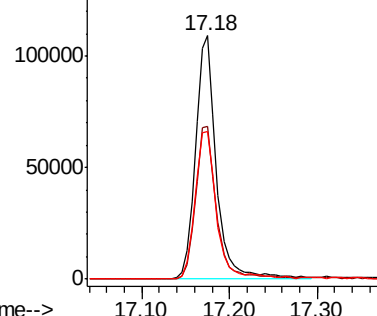
266 100

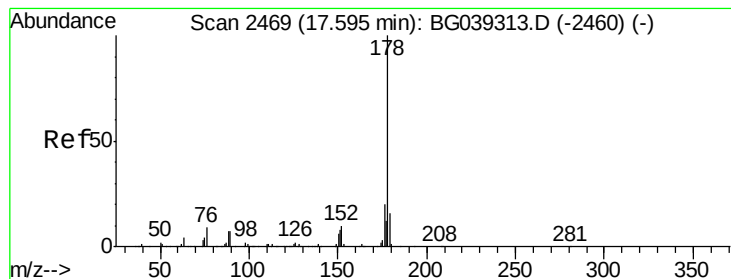
268 62.6 51.1 76.7

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

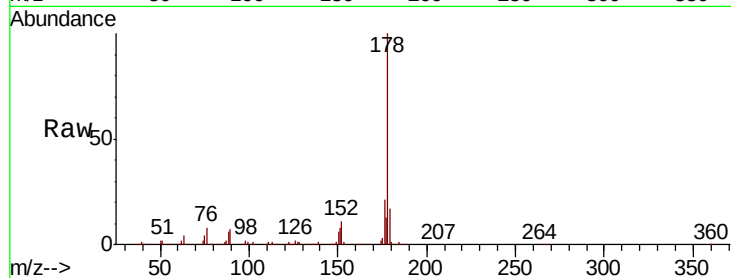
Tgt Ion:178 Resp: 715373

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

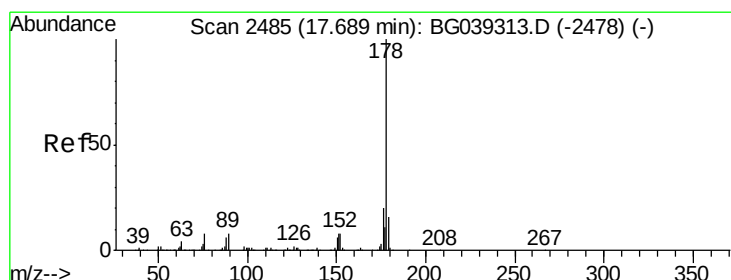
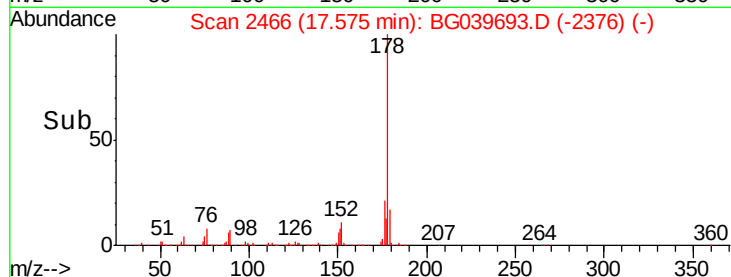
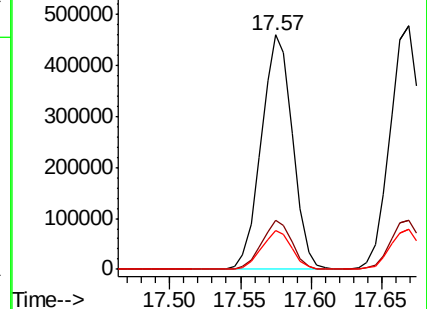
179 16.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 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

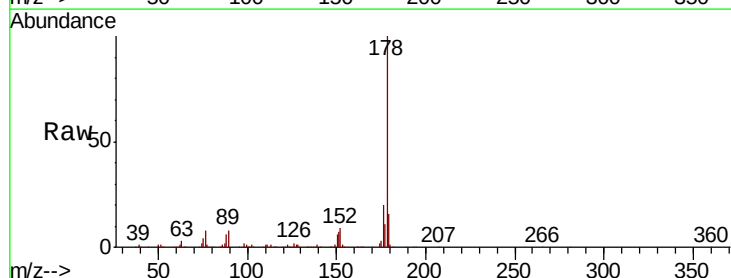
Tgt Ion:178 Resp: 726927

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.6

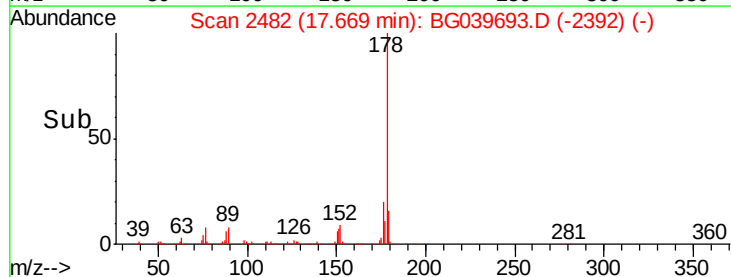
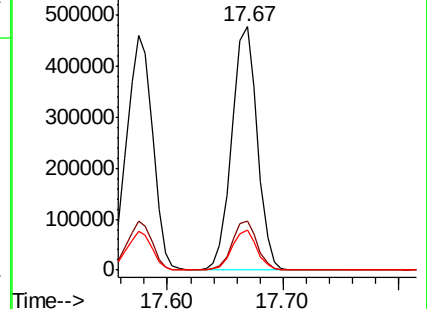
179 16.2 12.5 18.7

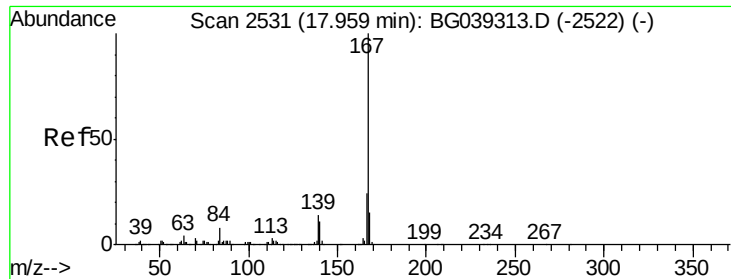


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

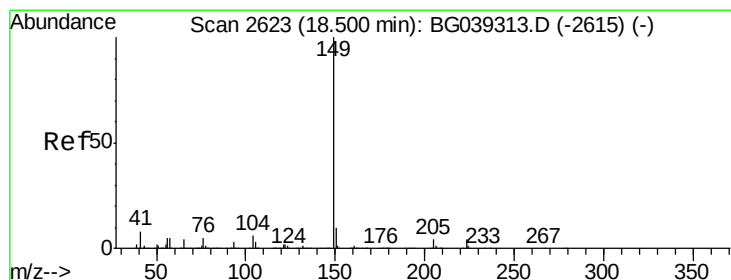
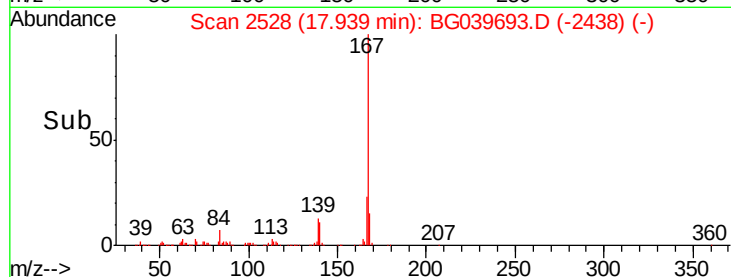
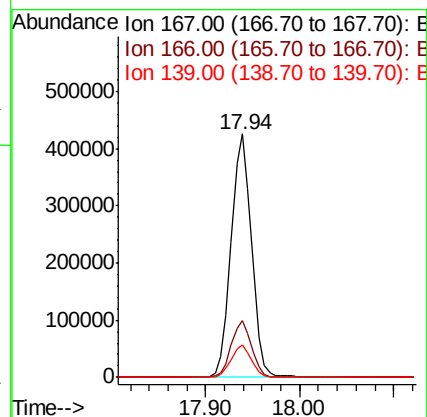
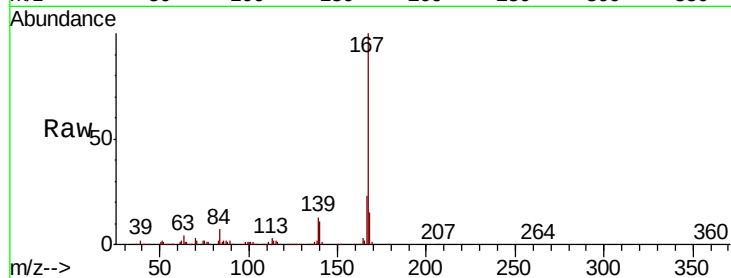




#73
 Carbazole
 Concen: 38.615 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

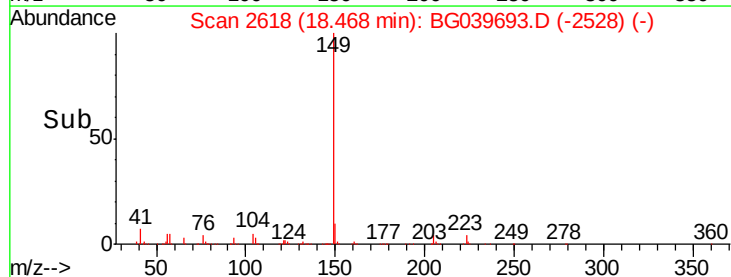
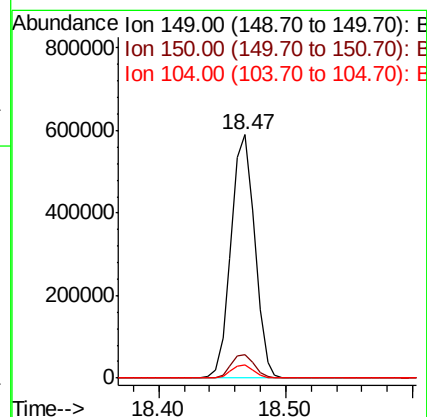
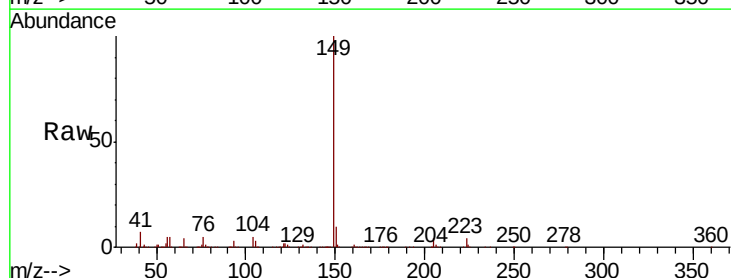
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

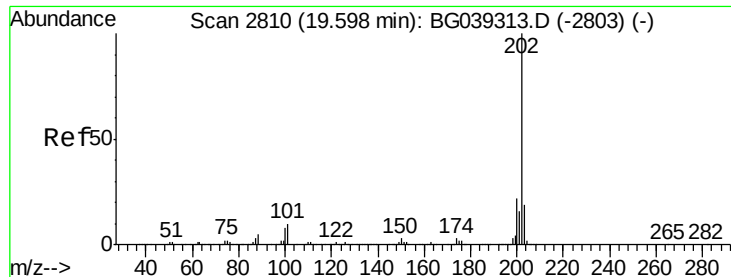
Tgt Ion:167 Resp: 640852
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.4 29.2
 139 13.3 10.8 16.2



#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:149 Resp: 760007
 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

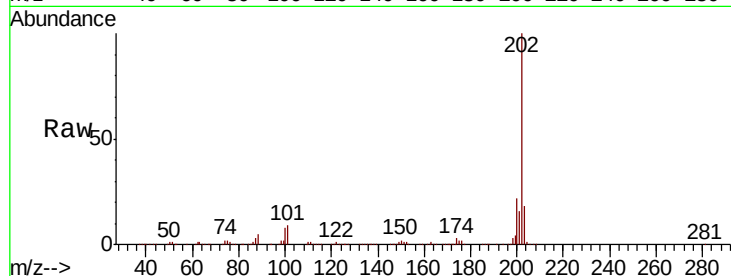
Tgt Ion:202 Resp: 861989

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.0

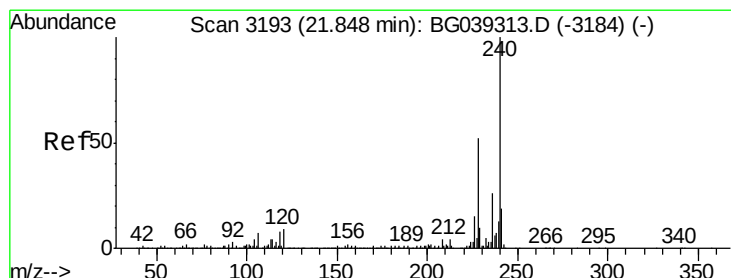
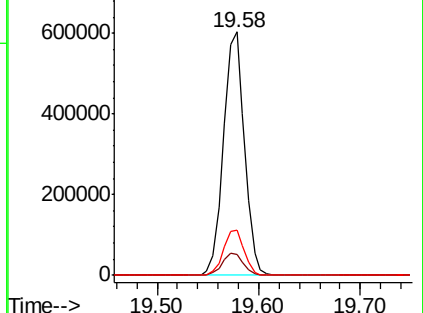
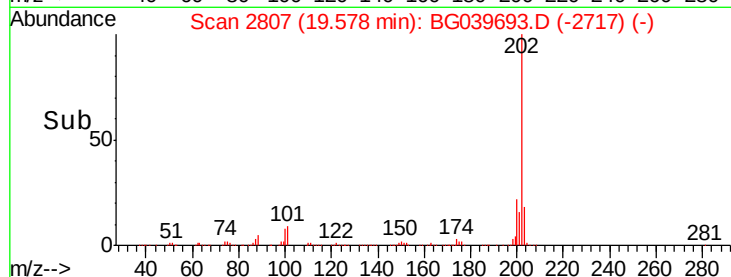
203 18.5 0.0 38.9



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

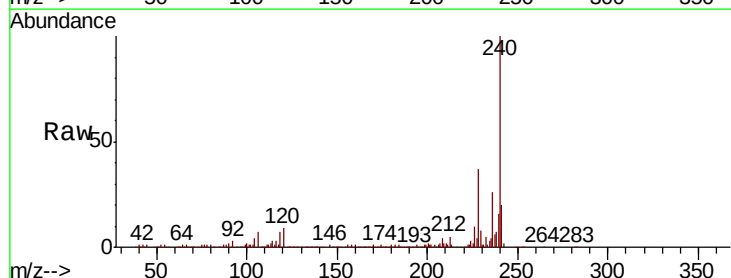
Tgt Ion:240 Resp: 331524

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

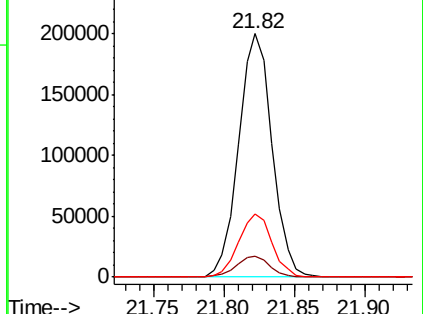
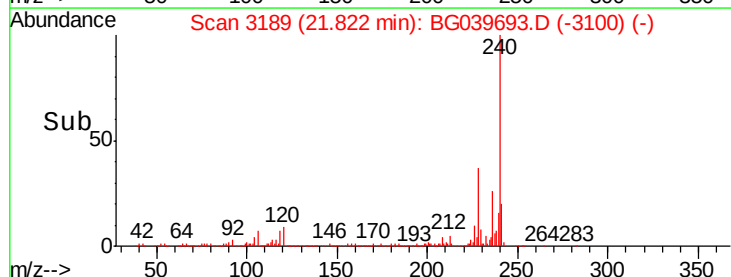
236 26.0 21.0 31.4

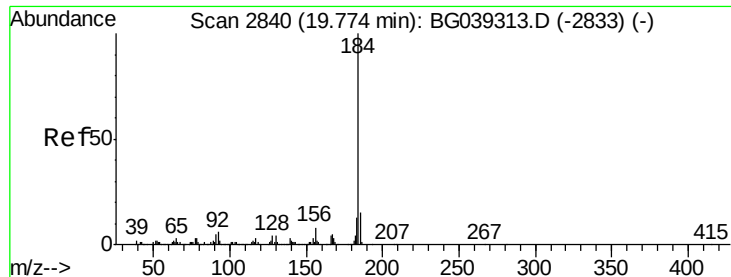


Abundance Ion 240.00 (239.70 to 240.70): E

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

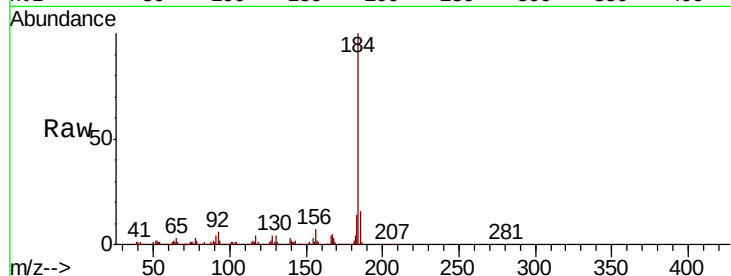
Tgt Ion:184 Resp: 346271

Ion Ratio Lower Upper

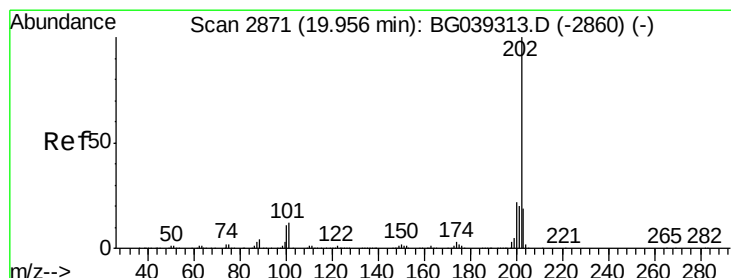
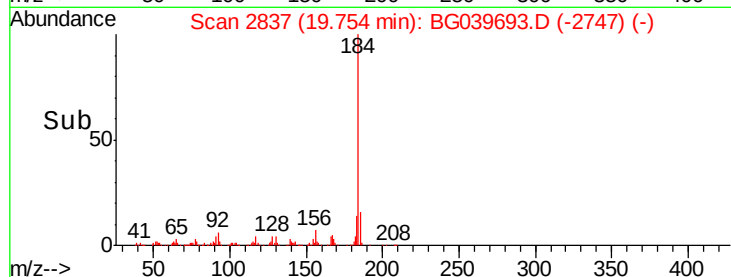
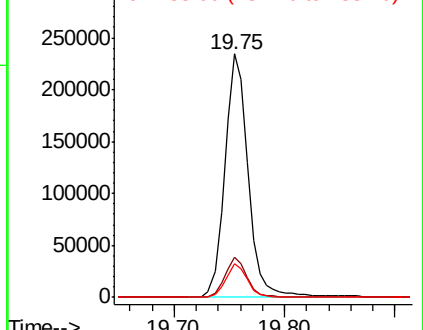
184 100

185 16.4 12.2 18.2

183 13.9 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.464 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039693.D

Acq: 1 Mar 2019 19:02

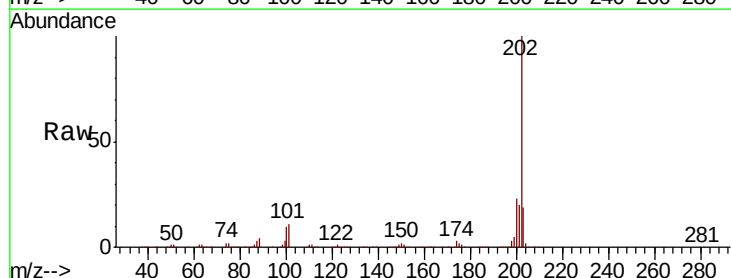
Tgt Ion:202 Resp: 855739

Ion Ratio Lower Upper

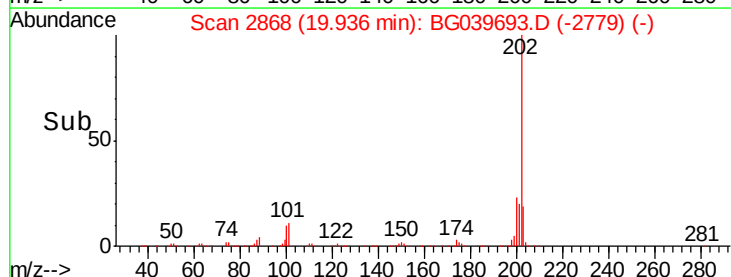
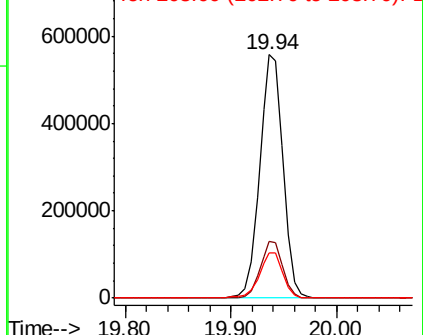
202 100

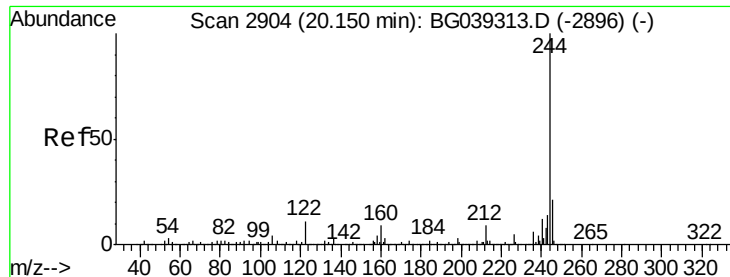
200 23.2 17.8 26.8

203 18.6 15.3 22.9



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





#79

Terphenyl-d14

Concen: 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

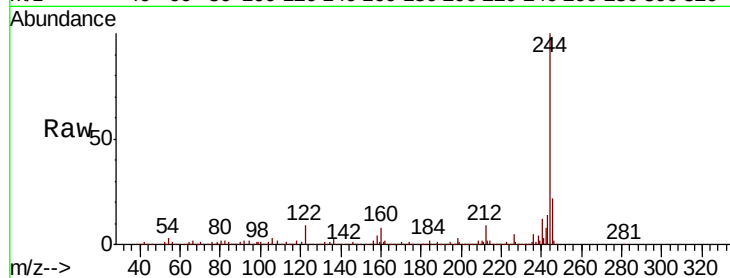
Tgt Ion:244 Resp: 1165647

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

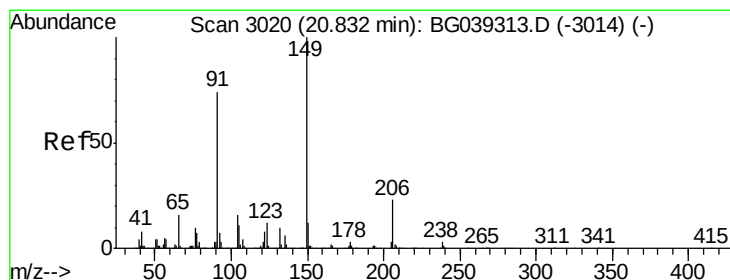
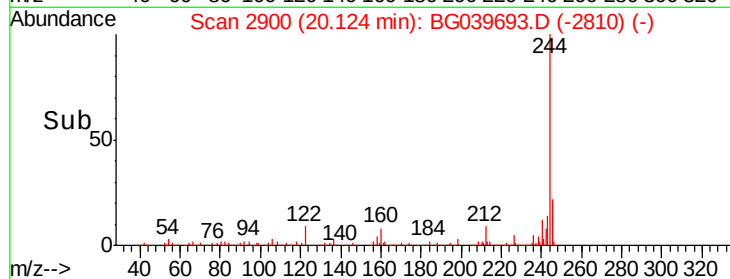
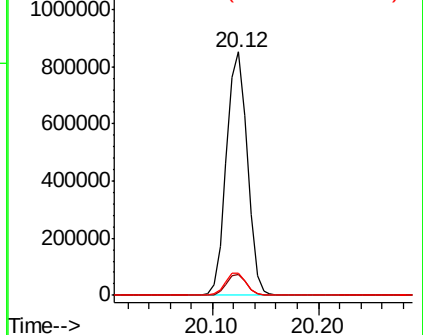
122 9.3 8.4 12.6



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

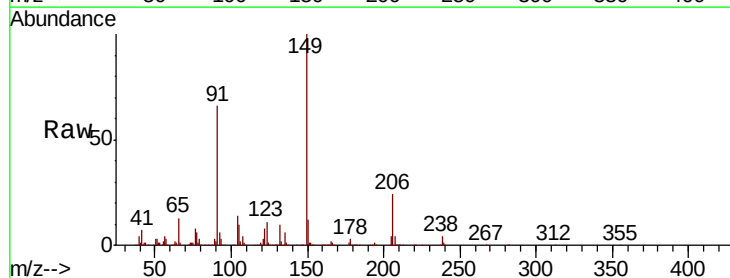
Tgt Ion:149 Resp: 373283

Ion Ratio Lower Upper

149 100

91 66.5 59.5 89.3

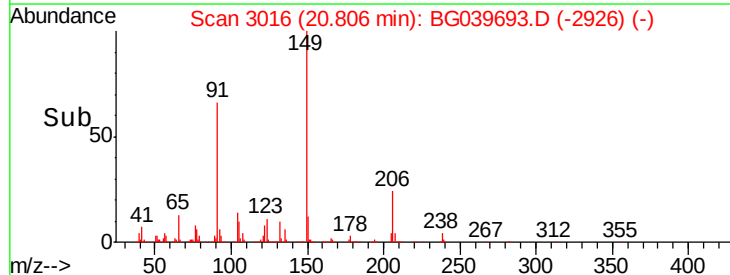
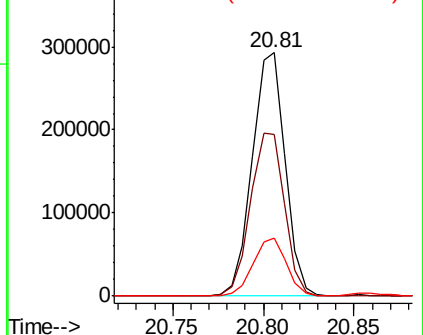
206 23.9 18.6 27.8

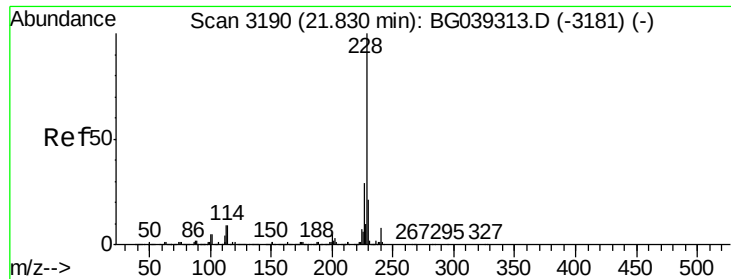


Abundance Ion 149.00 (148.70 to 149.70): E

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

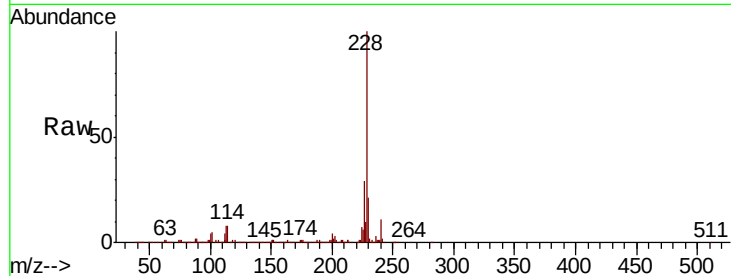
Tgt Ion:228 Resp: 829716

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.6

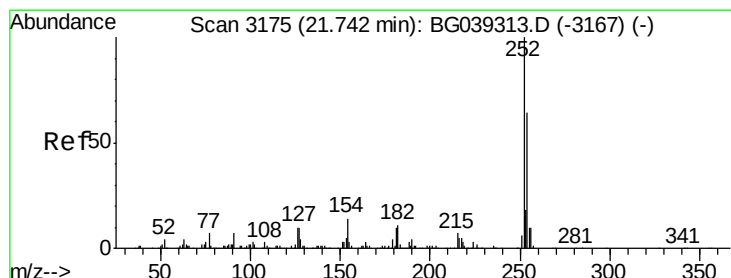
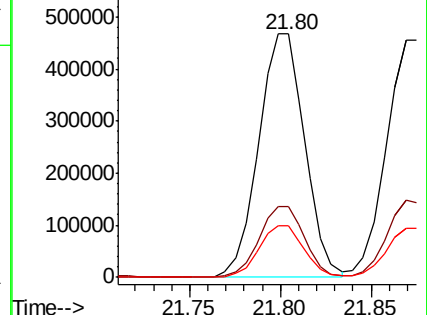
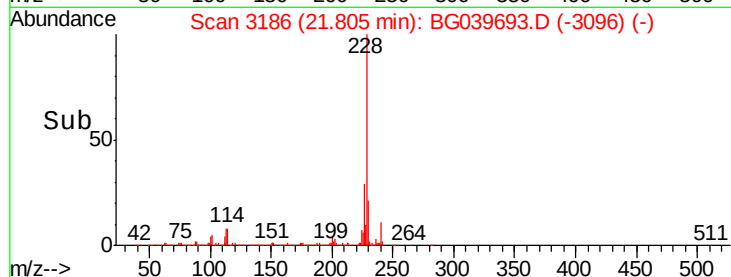
229 21.3 16.9 25.3



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

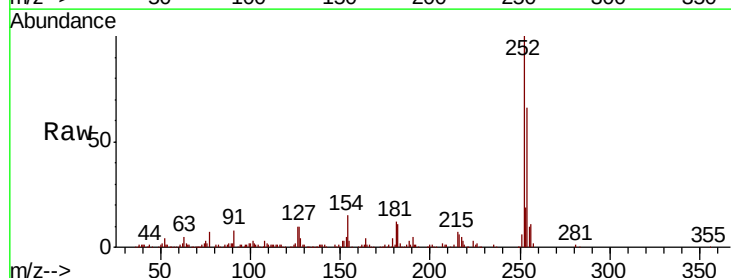
Tgt Ion:252 Resp: 206567

Ion Ratio Lower Upper

252 100

254 66.4 51.3 76.9

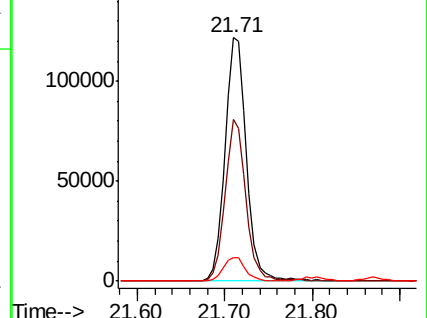
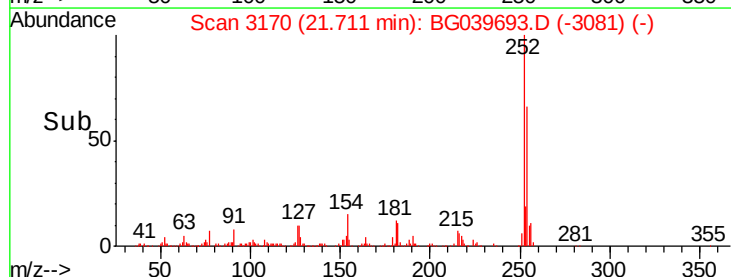
126 9.8 8.0 12.0

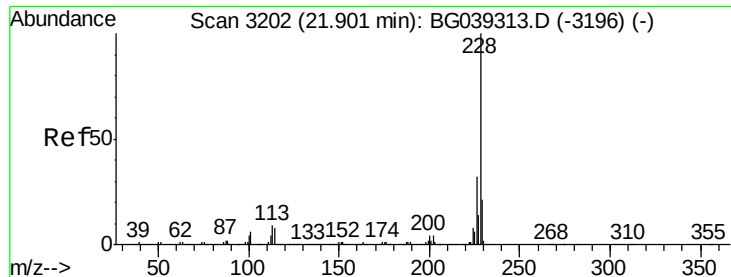


Abundance Ion 252.00 (251.70 to 252.70): E

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

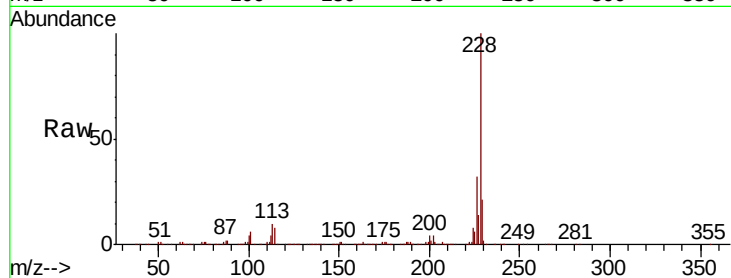
Tgt Ion:228 Resp: 807385

Ion Ratio Lower Upper

228 100

226 32.5 25.8 38.6

229 20.7 16.6 25.0

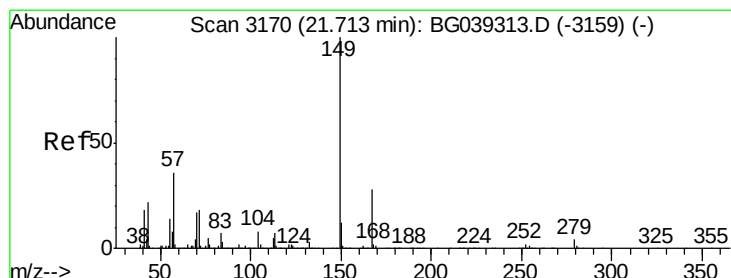
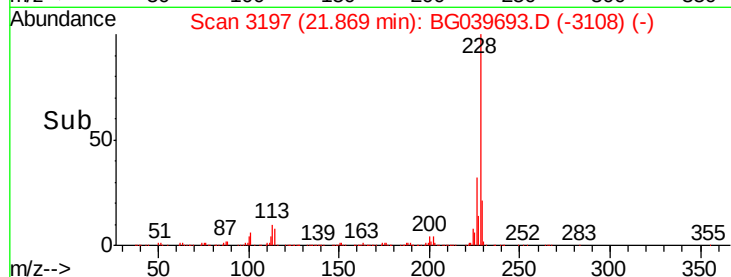
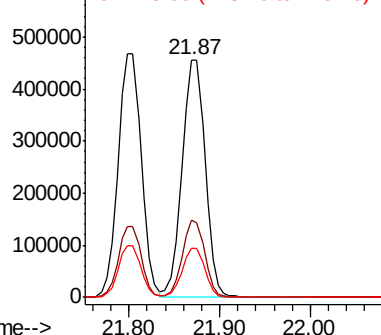


Abundance

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

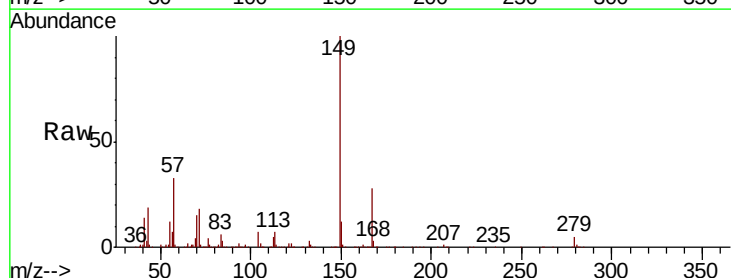
Tgt Ion:149 Resp: 522575

Ion Ratio Lower Upper

149 100

167 28.5 22.6 34.0

279 5.1 3.5 5.3

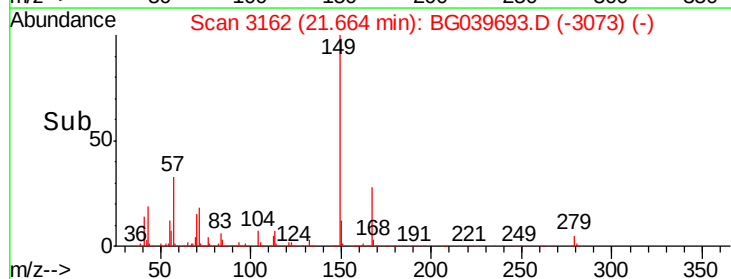
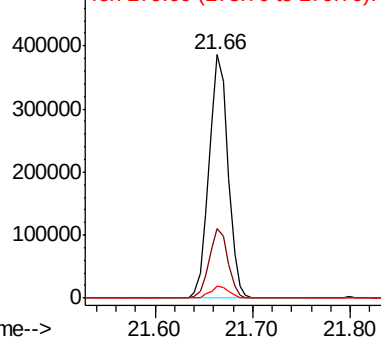


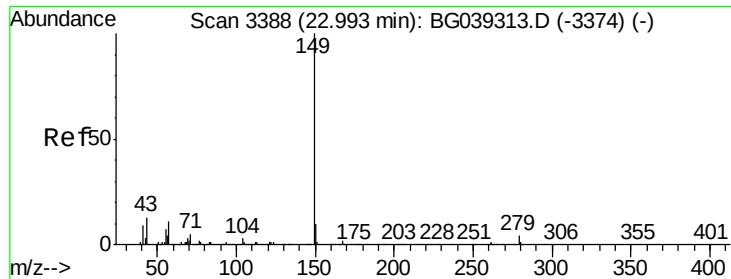
Abundance

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

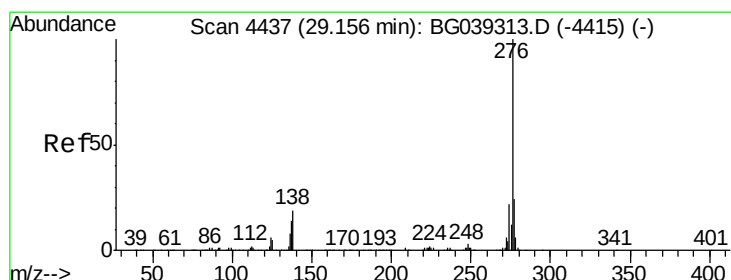
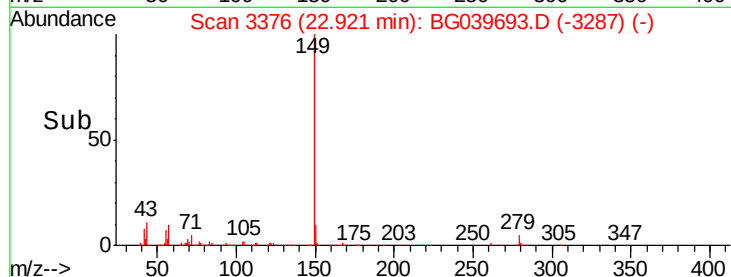
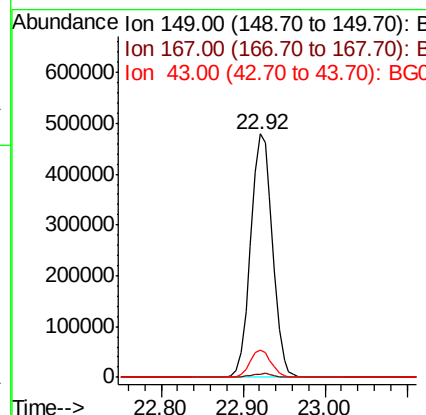
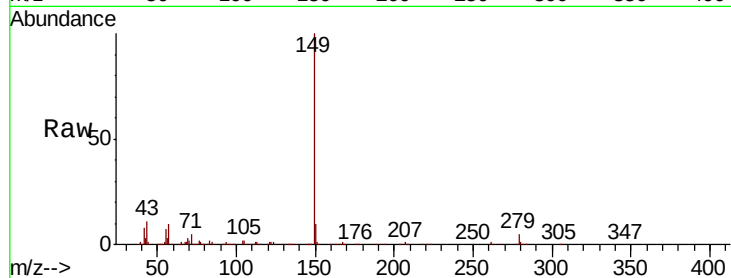




#85
 Di-n-octyl phthalate
 Concen: 43.265 ng
 RT: 22.92 min Scan# 3376
 Delta R.T. -0.01 min
 Lab File: BG039693.D
 Acq: 1 Mar 2019 19:02

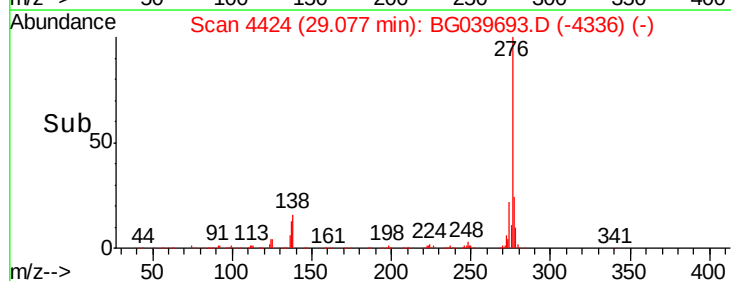
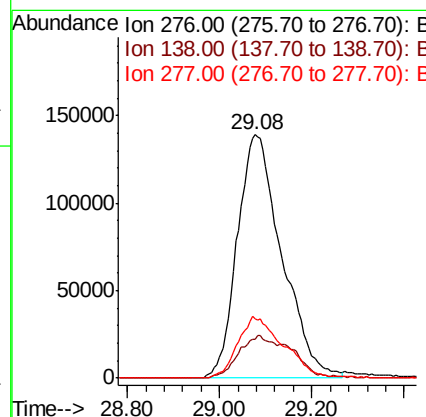
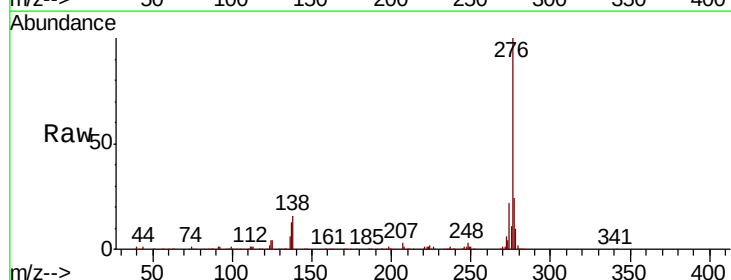
Instrument :
 BNA_G
 ClientSampleId :
 PB117428BSD

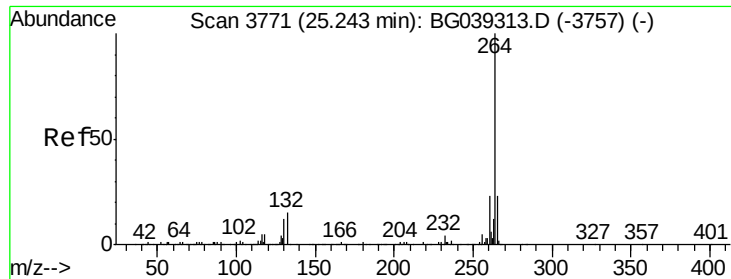
Tgt Ion:149 Resp: 887773
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 10.8 10.2 15.4



#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

Perylene-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

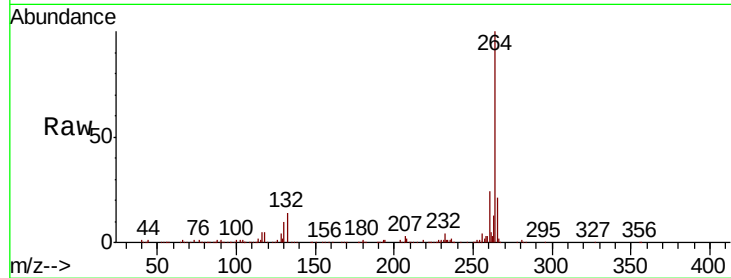
Tgt Ion:264 Resp: 334723

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

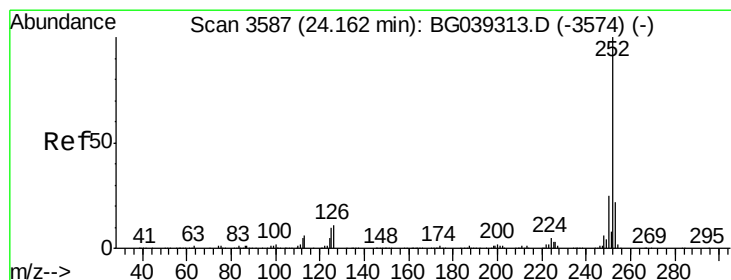
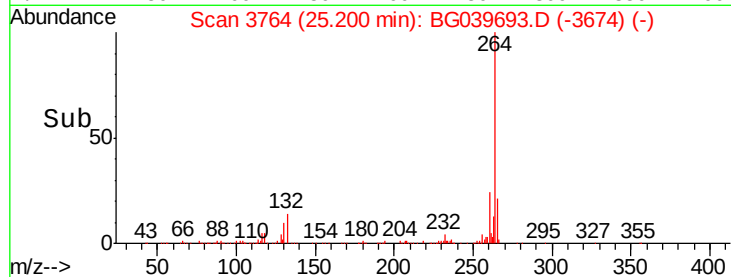
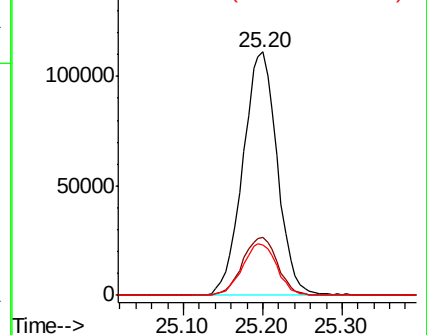
265 20.7 18.5 27.7



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

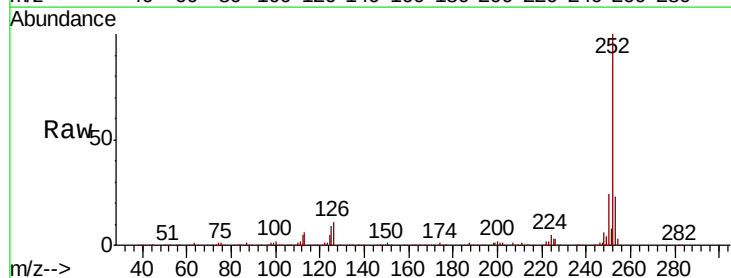
Tgt Ion:252 Resp: 829730

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

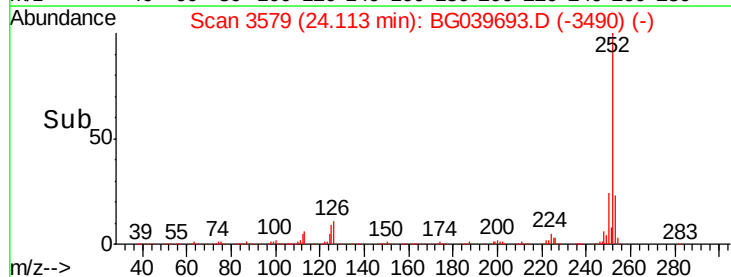
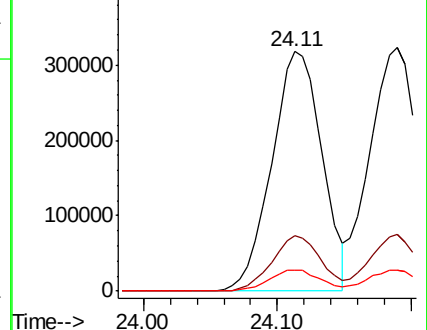
125 9.0 7.8 11.6

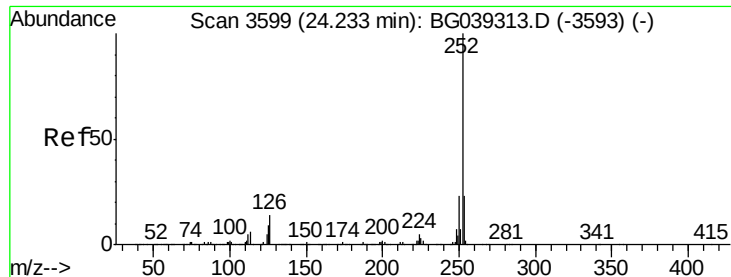


Abundance Ion 252.00 (251.70 to 252.70): E

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

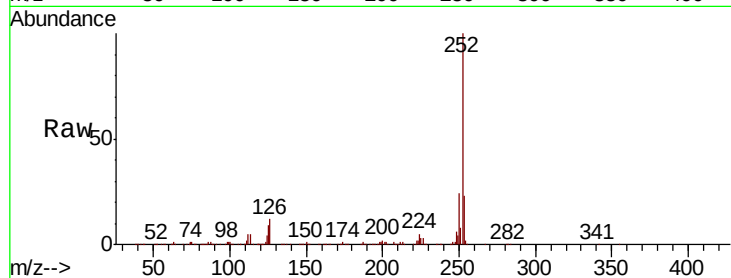
Tgt Ion:252 Resp: 822119

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

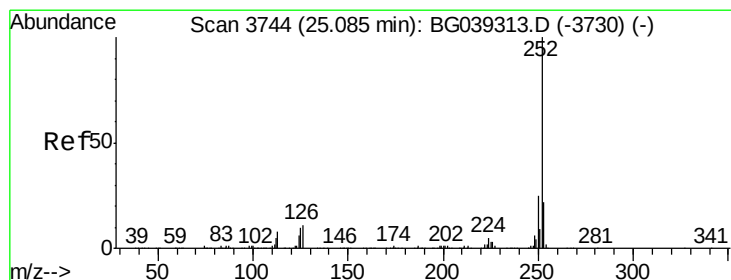
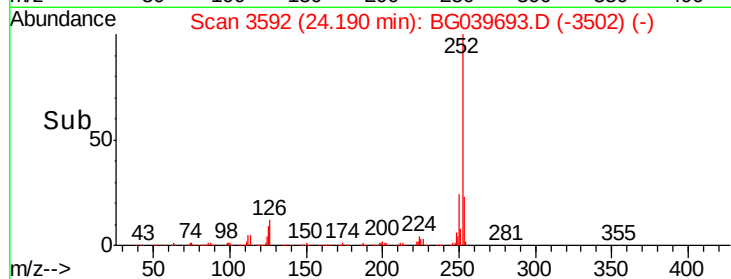
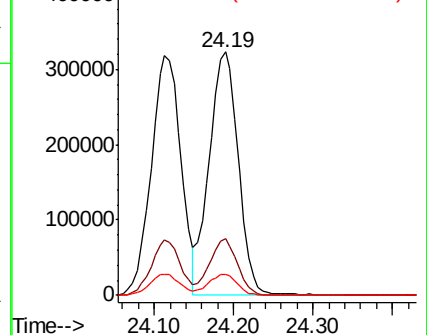
125 8.7 7.4 11.2



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

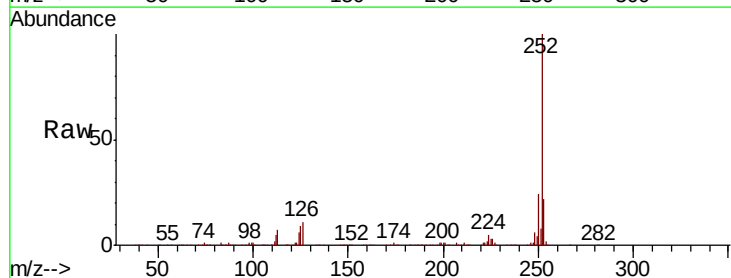
Tgt Ion:252 Resp: 821784

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

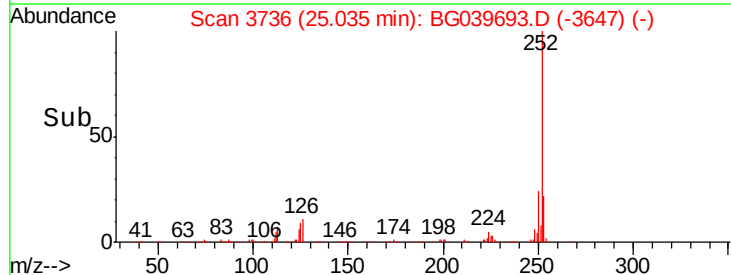
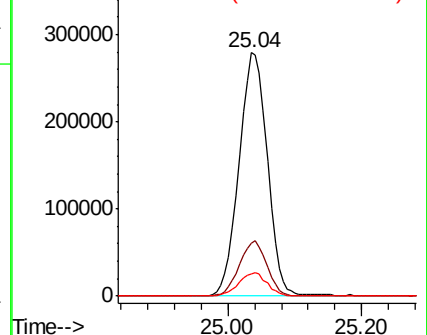
125 9.3 8.3 12.5

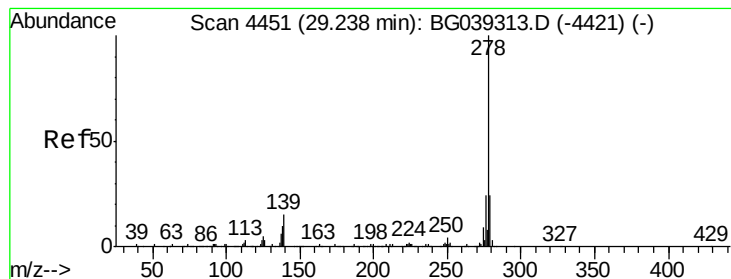


Abundance Ion 252.00 (251.70 to 252.70): E

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

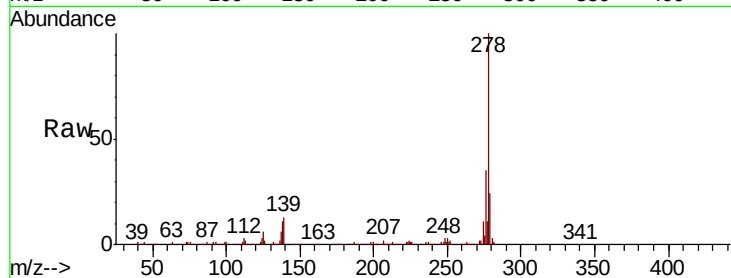
Tgt Ion:278 Resp: 761073

Ion Ratio Lower Upper

278 100

139 13.3 11.7 17.5

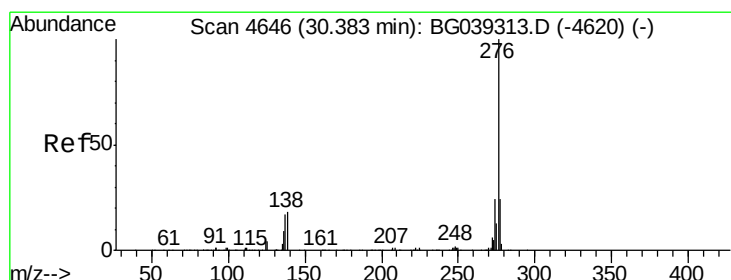
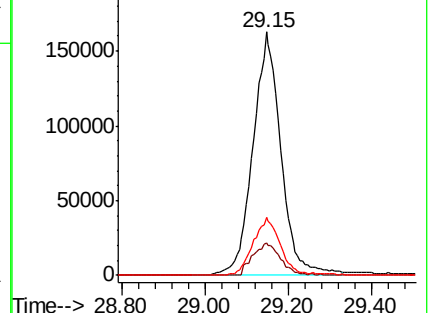
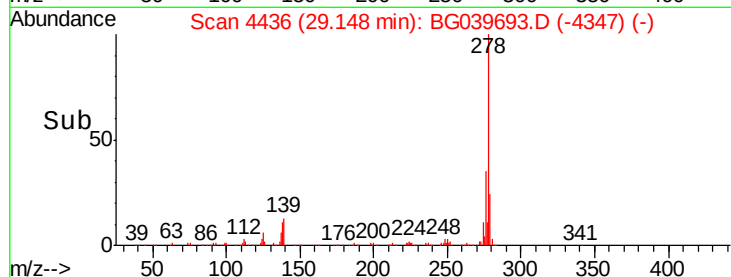
279 24.0 19.1 28.7



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

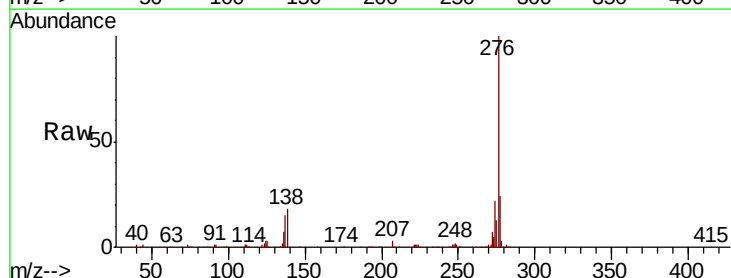
Tgt Ion:276 Resp: 758398

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

