

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037293.D
 Acq On : 12 Oct 2018 16:22
 Operator : JU/SJ
 Sample : PB113784BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 18:37:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	50731	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	228688	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	154486	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	390219	20.00	ng	-0.01
76) Chrysene-d12	21.79	240	366764	20.00	ng	-0.01
87) Perylene-d12	25.14	264	384604	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	441753	153.25	ng	0.00
7) Phenol-d6	7.26	99	617906	141.23	ng	0.00
23) Nitrobenzene-d5	9.29	82	303608	87.28	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	224125	147.93	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	793630	77.15	ng	0.00
79) Terphenyl-d14	20.10	244	1065906	61.02	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	56372	34.820	ng	95
3) Pyridine	3.94	79	143657	37.373	ng	97
4) n-Nitrosodimethylamine	3.86	42	60940	40.825	ng	90
6) Aniline	7.44	93	202712	35.393	ng	97
8) 2-Chlorophenol	7.68	128	156487	46.384	ng	96
9) Benzaldehyde	7.26	77	89750	29.794	ng	98
10) Phenol	7.29	94	211384	45.872	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	144457	38.372	ng	97
12) 1,3-Dichlorobenzene	8.00	146	157704	39.763	ng	97
13) 1,4-Dichlorobenzene	8.15	146	160081	39.867	ng	98
14) 1,2-Dichlorobenzene	8.47	146	152226	39.123	ng	98
15) Benzyl Alcohol	8.35	79	145543	42.526	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	268735	36.109	ng	97
17) 2-Methylphenol	8.55	107	144581	46.848	ng	98
18) Hexachloroethane	9.21	117	55825	40.733	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	122165	36.879	ng	97
20) 3+4-Methylphenols	8.88	107	200044	46.358	ng	98
22) Acetophenone	8.95	105	230722	40.023	ng	# 96
24) Nitrobenzene	9.34	77	168201	45.147	ng	96
25) Isophorone	9.85	82	349636	44.031	ng	98
26) 2-Nitrophenol	10.05	139	65776	47.612	ng	98
27) 2,4-Dimethylphenol	10.09	122	172551	51.988	ng	99
28) bis(2-Chloroethoxy)methane	10.34	93	210597	42.390	ng	97
29) 2,4-Dichlorophenol	10.58	162	167301	49.656	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	162513	39.639	ng	95
31) Naphthalene	10.99	128	481881	43.358	ng	100
32) Benzoic acid	10.21	122	98835	53.929	ng	96
33) 4-Chloroaniline	11.10	127	132868	25.485	ng	95
34) Hexachlorobutadiene	11.26	225	94245	37.017	ng	99
35) Caprolactam	11.88	113	35136	25.581	ng	93
36) 4-Chloro-3-methylphenol	12.20	107	187952	47.235	ng	96
37) 2-Methylnaphthalene	12.59	142	367023	45.251	ng	100
38) 1-Methylnaphthalene	12.81	142	351181	44.332	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	187311	37.441	ng	98

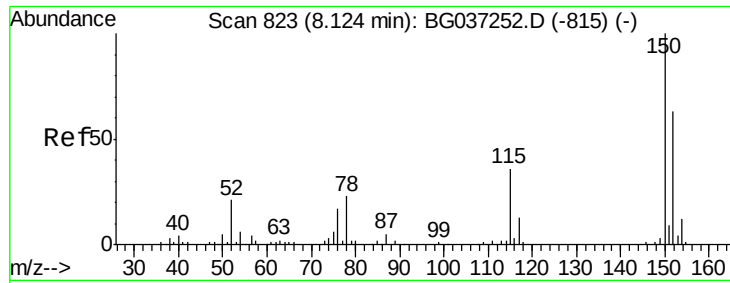
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037293.D
 Acq On : 12 Oct 2018 16:22
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	208846	101.261	ng	99
43) 2,4,6-Trichlorophenol	13.18	196	140405	48.378	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	154438	49.457	ng	94
46) 1,1'-Biphenyl	13.59	154	485460	38.200	ng	100
47) 2-Chloronaphthalene	13.64	162	373161	38.874	ng	99
48) 2-Nitroaniline	13.84	65	116031	45.019	ng	92
49) Acenaphthylene	14.48	152	636883	43.371	ng	100
50) Dimethylphthalate	14.21	163	522300	43.021	ng	99
51) 2,6-Dinitrotoluene	14.33	165	109148	46.455	ng	95
52) Acenaphthene	14.82	154	369671	40.756	ng	100
53) 3-Nitroaniline	14.66	138	86687	34.127	ng	98
54) 2,4-Dinitrophenol	14.86	184	70112	115.411	ng	95
55) Dibenzofuran	15.15	168	599719	40.748	ng	99
56) 4-Nitrophenol	14.95	139	202945	102.496	ng	98
57) 2,4-Dinitrotoluene	15.11	165	146521	48.969	ng	99
58) Fluorene	15.80	166	487209	43.770	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	137032	49.566	ng	99
60) Diethylphthalate	15.56	149	534622	42.491	ng	100
61) 4-Chlorophenyl-phenylether	15.79	204	255631	39.289	ng	98
62) 4-Nitroaniline	15.82	138	124680	46.764	ng	97
63) Azobenzene	16.08	77	494192	40.967	ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	54644	45.142	ng	99
66) n-Nitrosodiphenylamine	16.00	169	456429	39.830	ng	97
67) 4-Bromophenyl-phenylether	16.69	248	163502	38.823	ng	99
68) Hexachlorobenzene	16.79	284	167974	38.469	ng	100
69) Atrazine	16.94	200	184249	43.259	ng	99
70) Pentachlorophenol	17.14	266	210588	74.751	ng	96
71) Phenanthrene	17.54	178	838216	42.198	ng	100
72) Anthracene	17.63	178	851497	43.796	ng	99
73) Carbazole	17.90	167	804255	40.148	ng	100
74) Di-n-butylphthalate	18.45	149	947532	44.131	ng	99
75) Fluoranthene	19.55	202	1022673	44.050	ng	100
77) Benzidine	19.73	184	518175	36.931	ng	99
78) Pyrene	19.91	202	1005811	42.078	ng	99
80) Butylbenzylphthalate	20.79	149	426696	45.881	ng	97
81) Benzo(a)anthracene	21.77	228	945146	43.028	ng	99
82) 3,3'-Dichlorobenzidine	21.68	252	235366	27.777	ng	100
83) Chrysene	21.84	228	874462	41.734	ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	597895	44.771	ng	99
85) Di-n-octyl phthalate	22.91	149	1003617	46.302	ng	99
86) Indeno(1,2,3-cd)pyrene	28.98	276	1046855	45.074	ng	98
88) Benzo(b)fluoranthene	24.07	252	938146	44.866	ng	98
89) Benzo(k)fluoranthene	24.14	252	900762	43.656	ng	98
90) Benzo(a)pyrene	24.98	252	915510	45.660	ng	99
91) Dibenzo(a,h)anthracene	29.07	278	853957	44.512	ng	95
92) Benzo(g,h,i)perylene	30.20	276	873322	45.578	ng	99

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

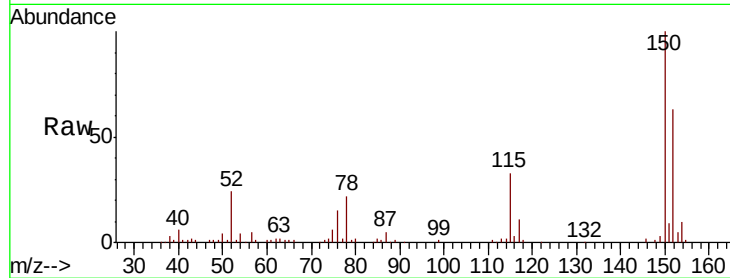


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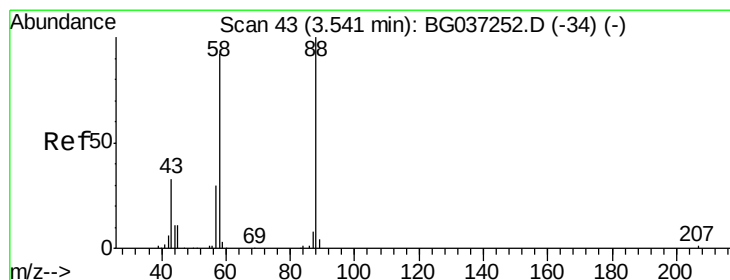
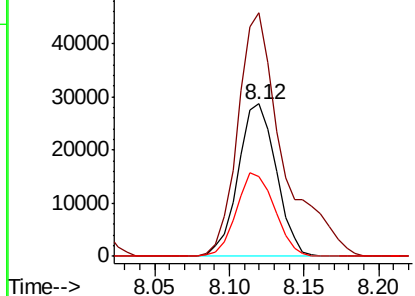
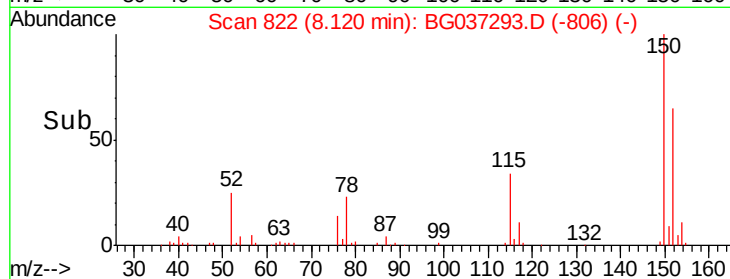
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50731
Ion Ratio Lower Upper
152 100
150 159.6 126.0 189.0
115 52.3 45.5 68.3



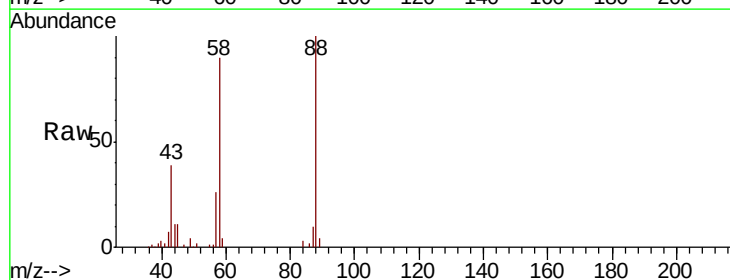
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



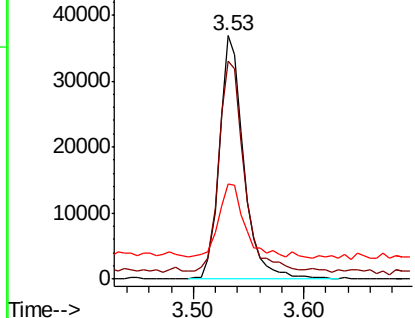
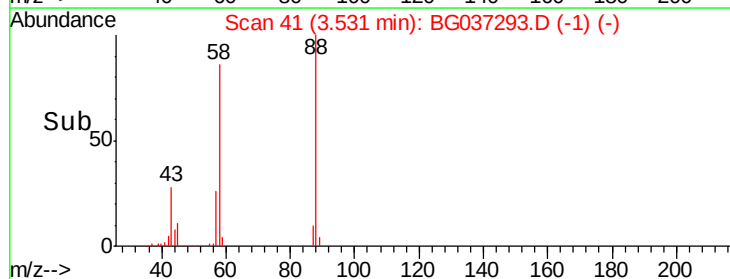
#2

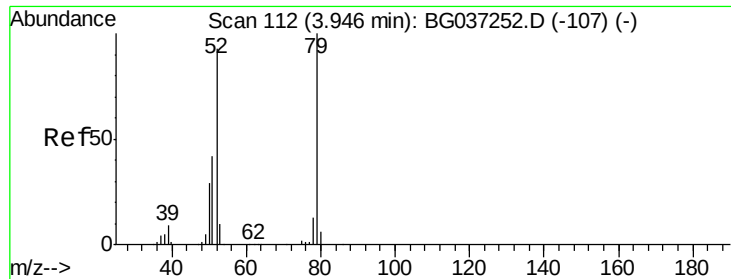
1,4-Dioxane
Concen: 34.820 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion: 88 Resp: 56372
Ion Ratio Lower Upper
88 100
58 87.5 74.4 111.6
43 31.0 25.8 38.8



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





#3

Pvridine

Concen: 37.373 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

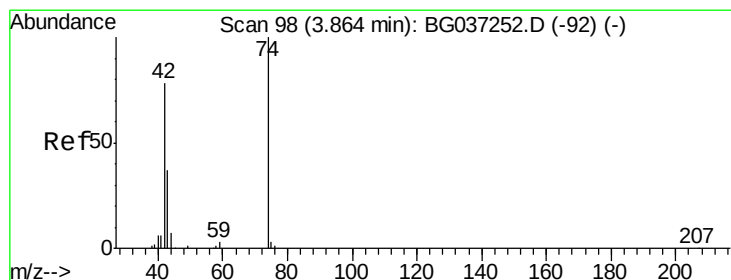
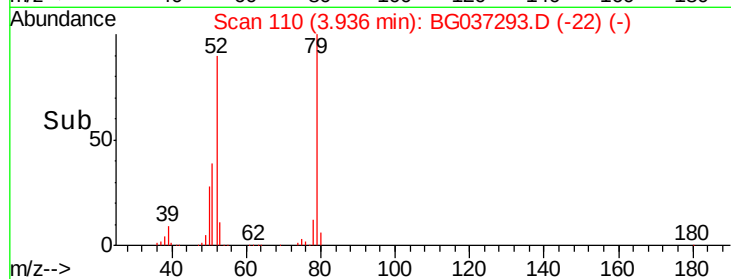
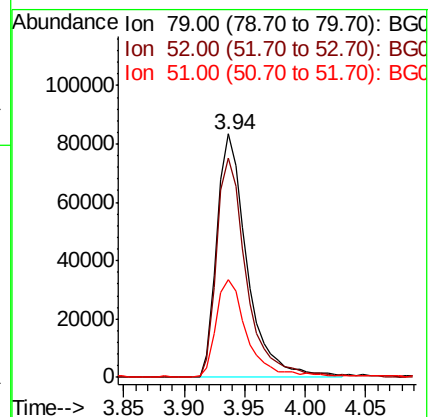
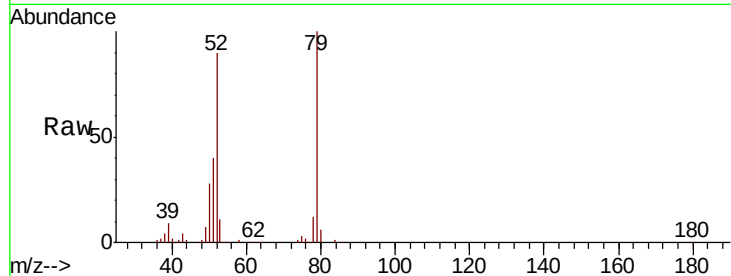
Tot Ion: 79 Resp: 143657

Ion Ratio Lower Upper

79 100

52 90.1 74.2 111.2

51 40.0 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 40.825 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

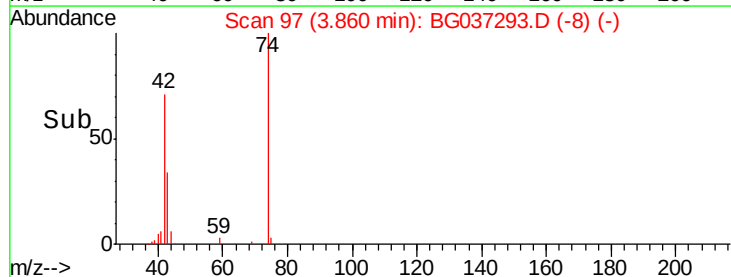
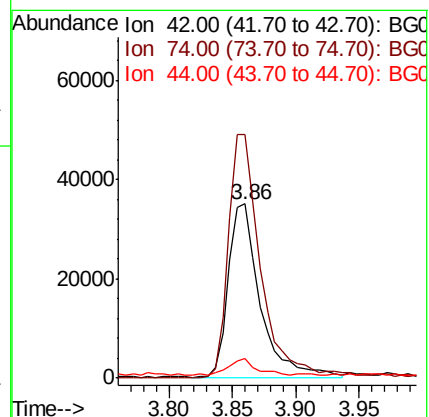
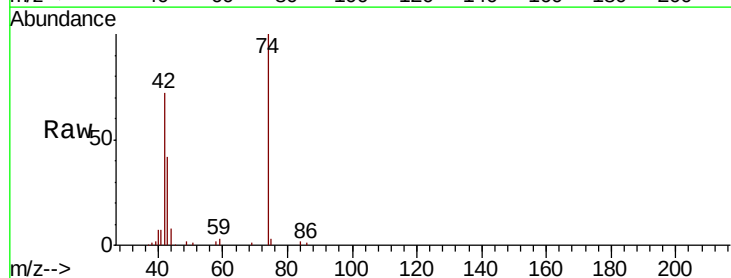
Tgt Ion: 42 Resp: 60940

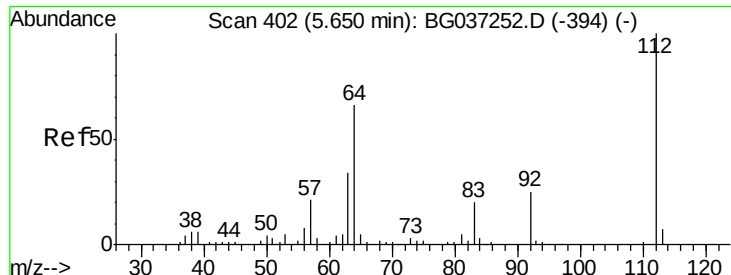
Ion Ratio Lower Upper

42 100

74 139.5 102.0 153.0

44 11.0 9.6 14.4





#5

2-Fluorophenol

Concen: 153.248 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

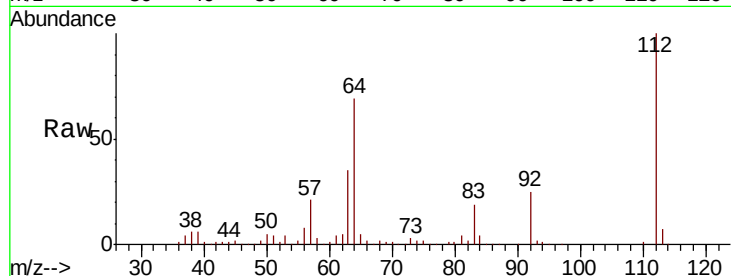
Tot Ion:112 Resp: 441753

Ion Ratio Lower Upper

112 100

64 69.0 53.1 79.7

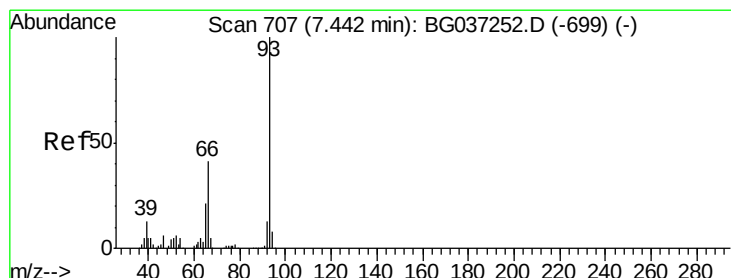
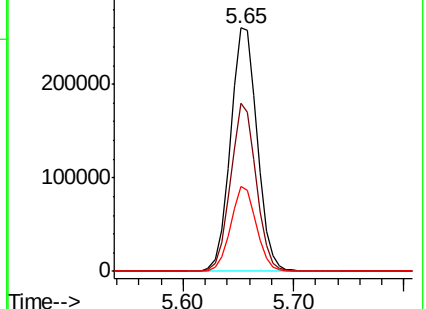
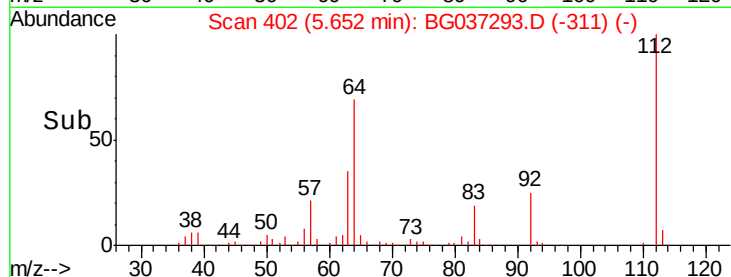
63 35.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.393 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

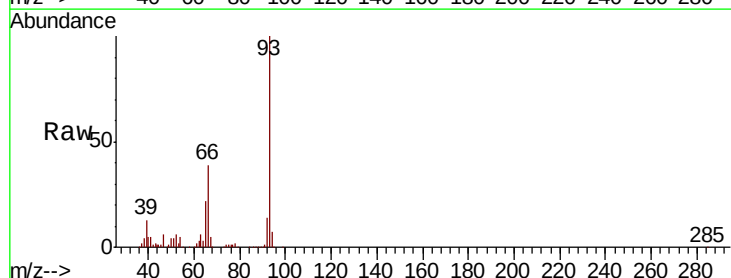
Tgt Ion: 93 Resp: 202712

Ion Ratio Lower Upper

93 100

66 39.4 32.8 49.2

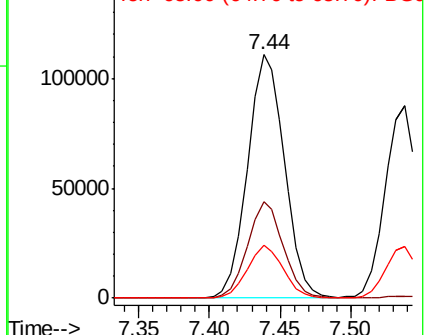
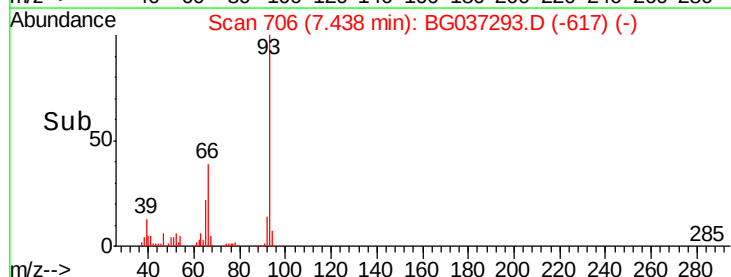
65 21.9 16.4 24.6

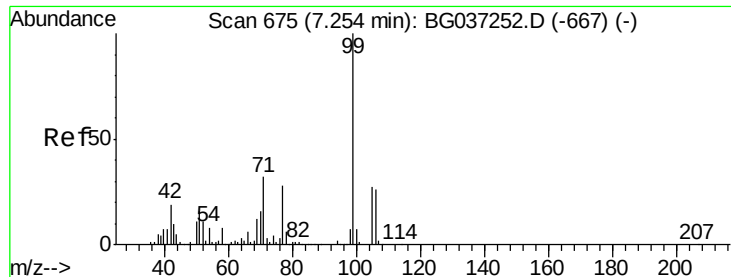


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.226 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

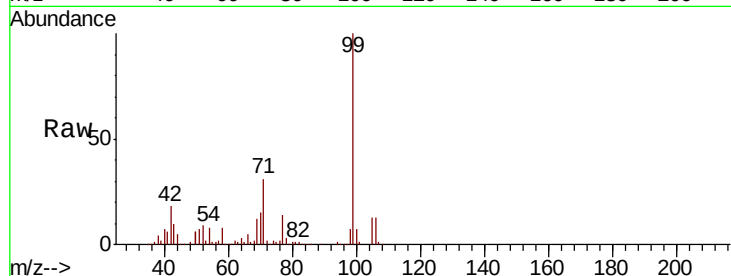
Tot Ion: 99 Resp: 617906

Ion Ratio Lower Upper

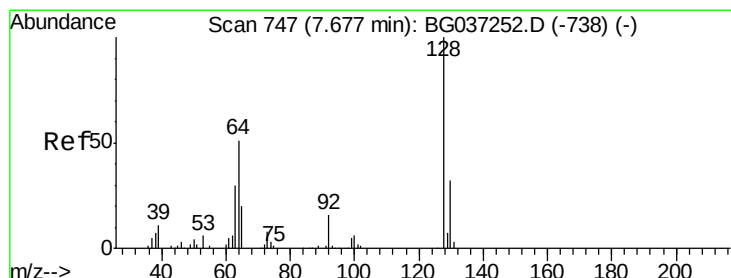
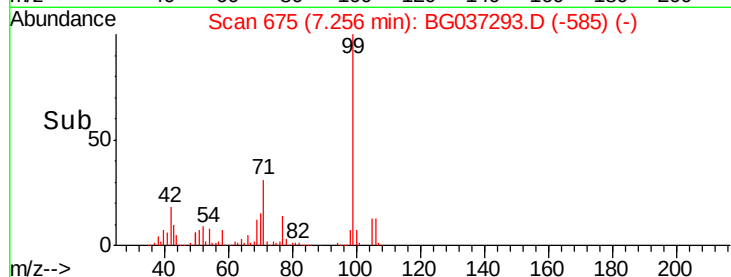
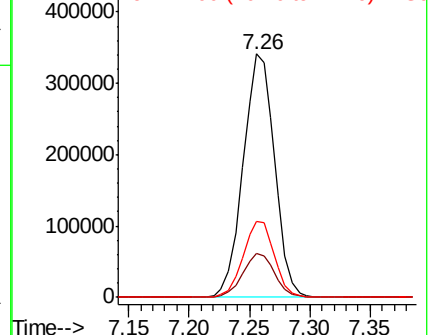
99 100

42 18.2 15.0 22.4

71 31.1 25.5 38.3



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: 46.384 ng

RT: 7.68 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

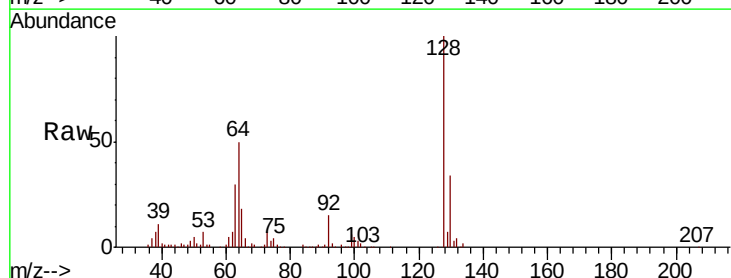
Tgt Ion: 128 Resp: 156487

Ion Ratio Lower Upper

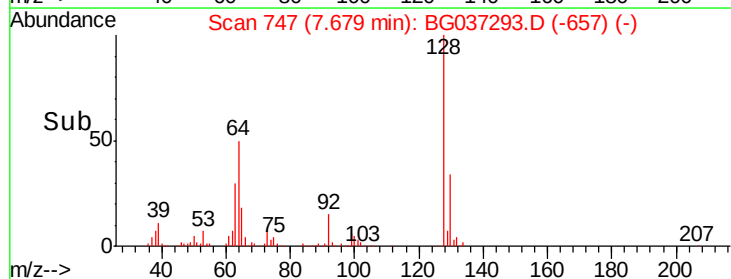
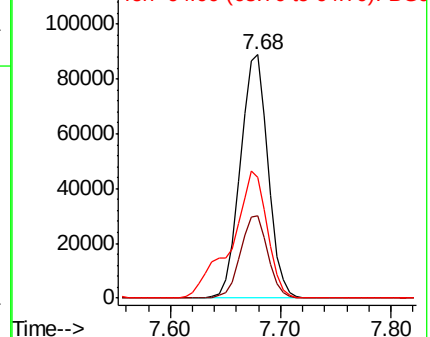
128 100

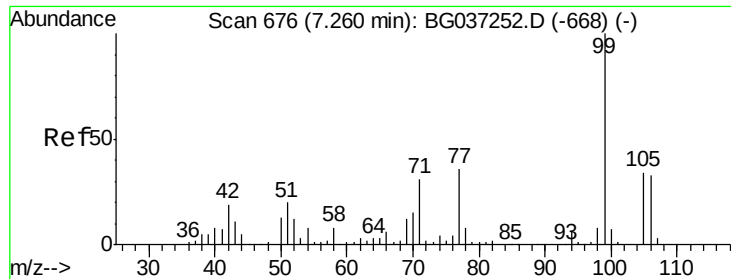
130 33.6 12.0 52.0

64 49.8 32.9 72.9



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





#9

Benzaldehyde

Concen: 29.794 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

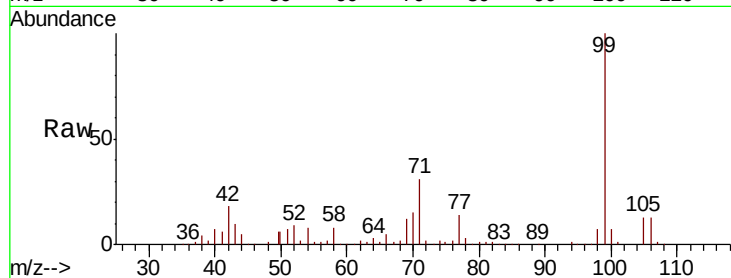
Tot Ion: 77 Resp: 89750

Ion Ratio Lower Upper

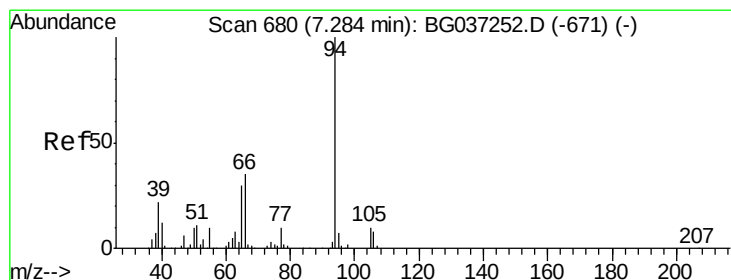
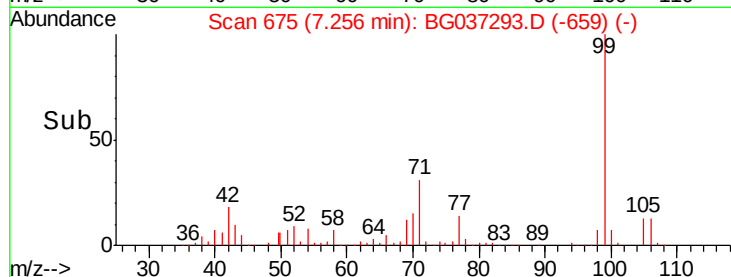
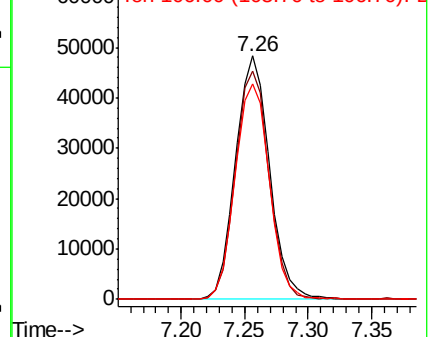
77 100

105 93.9 72.6 112.6

106 88.5 71.3 111.3



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: 45.872 ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

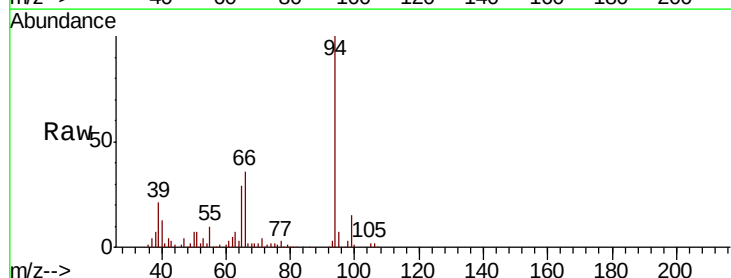
Tgt Ion: 94 Resp: 211384

Ion Ratio Lower Upper

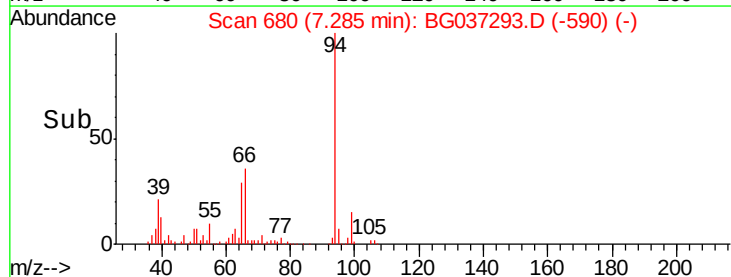
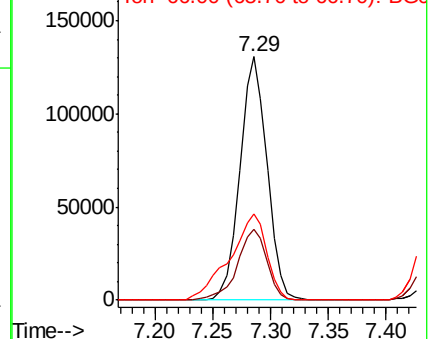
94 100

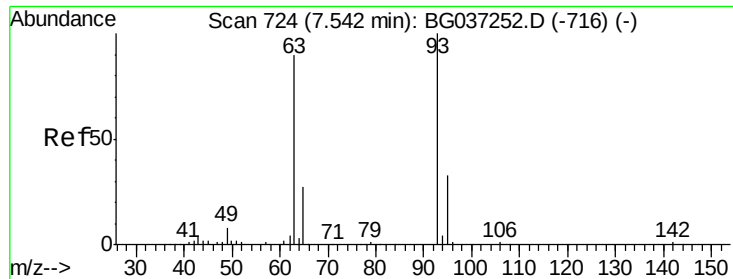
65 29.3 9.7 49.7

66 35.6 15.9 55.9



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

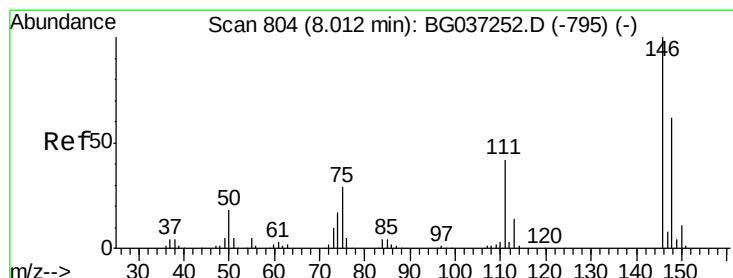
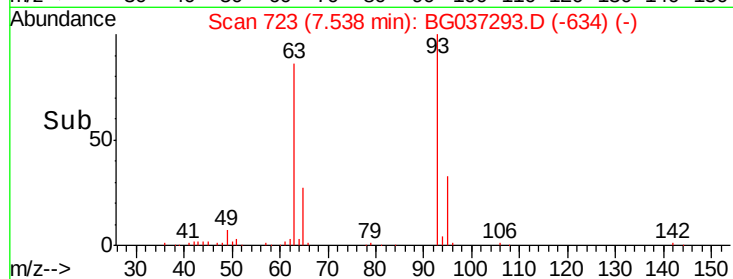
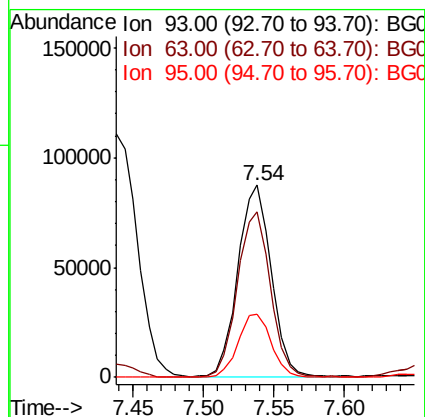
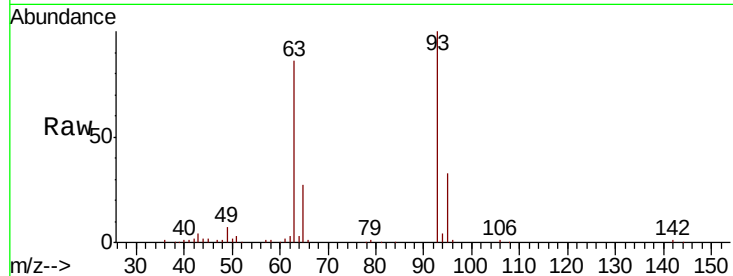




#11
bis(2-Chloroethyl)ether
Concen: 38.372 ng
RT: 7.54 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

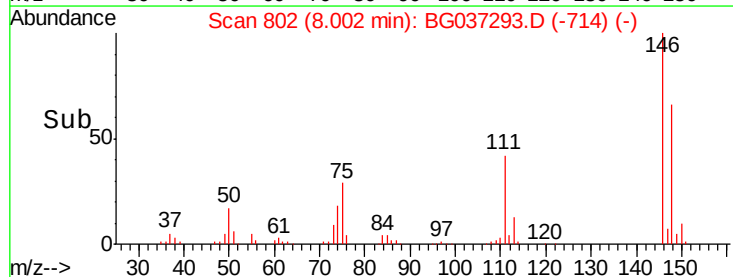
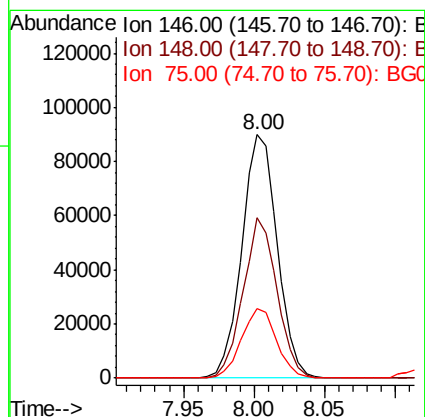
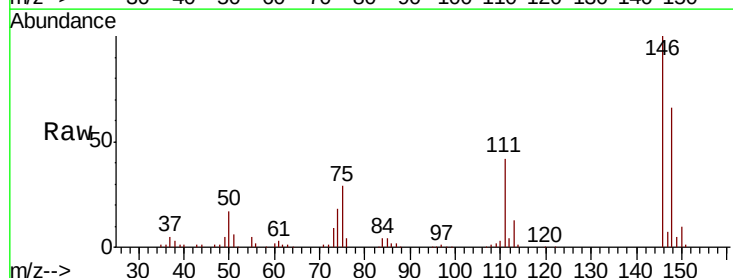
Instrument :
BNA_G
ClientSampled :

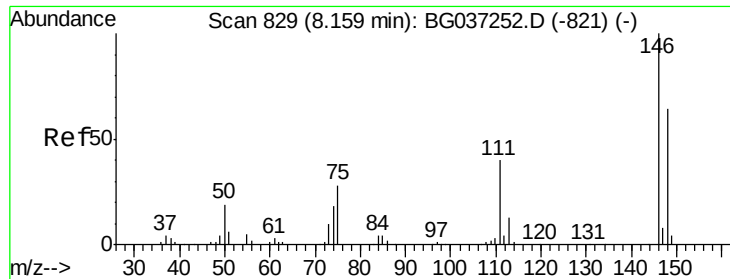
Tot Ion: 93 Resp: 144457
Ion Ratio Lower Upper
93 100
63 86.1 69.5 109.5
95 33.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.763 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion: 146 Resp: 157704
Ion Ratio Lower Upper
146 100
148 65.9 49.8 74.8
75 28.8 23.2 34.8

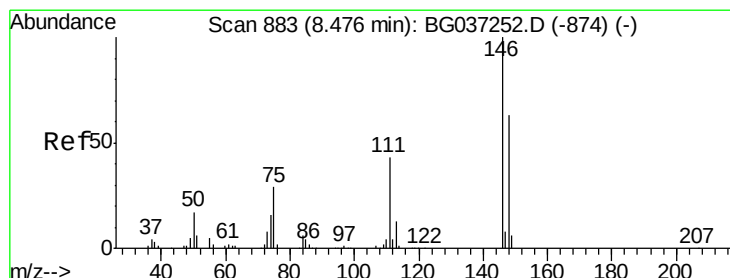
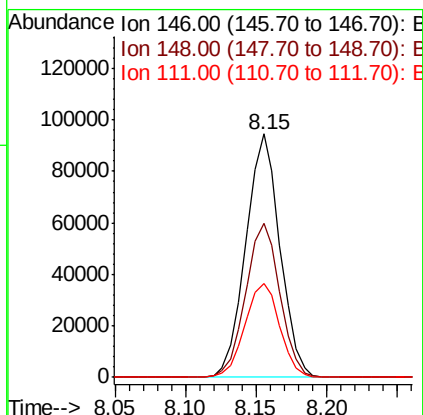
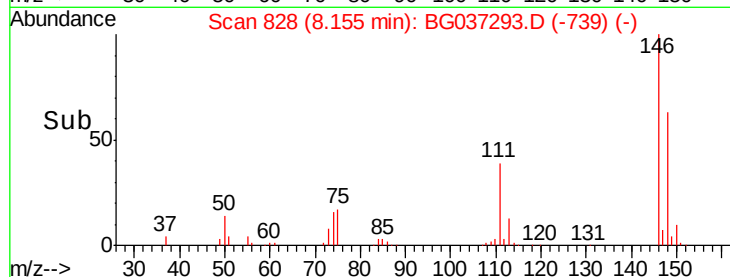
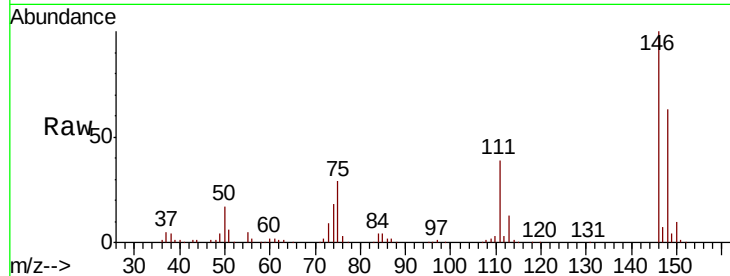




#13
 1,4-Dichlorobenzene
 Concen: 39.867 ng
 RT: 8.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

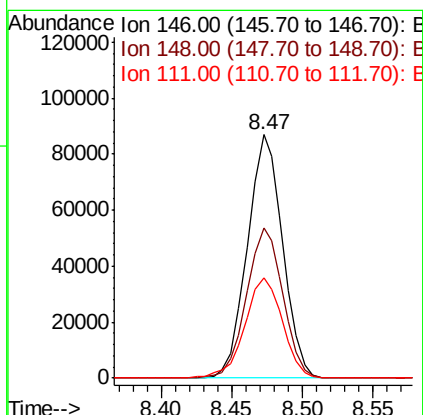
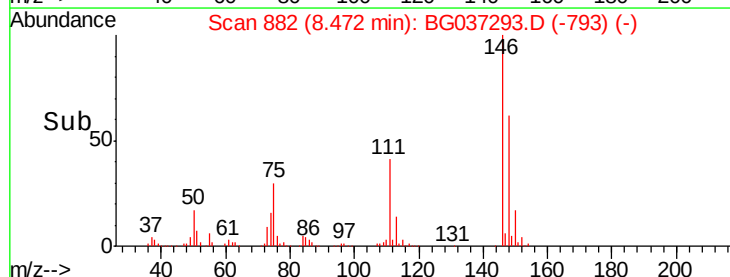
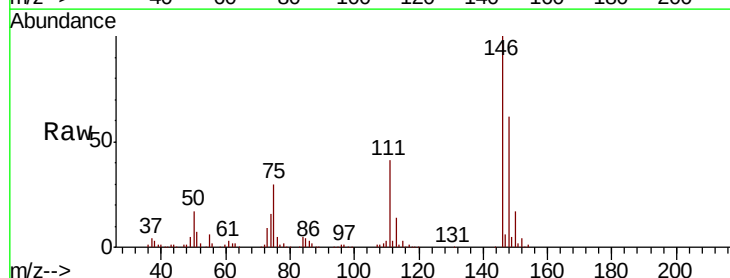
Instrument :
 BNA_G
 ClientSampleId :

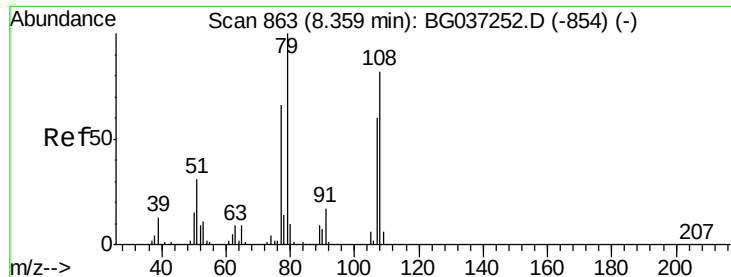
Tot Ion:146 Resp: 160081
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.6
 111 38.7 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 39.123 ng
 RT: 8.47 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

Tgt Ion:146 Resp: 152226
 Ion Ratio Lower Upper
 146 100
 148 61.8 50.4 75.6
 111 41.3 34.6 51.8





#15

Benzyl Alcohol

Concen: 42.526 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

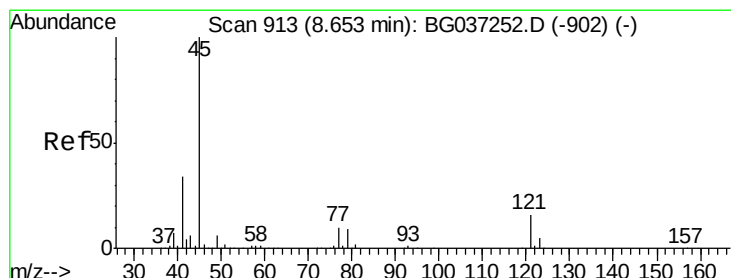
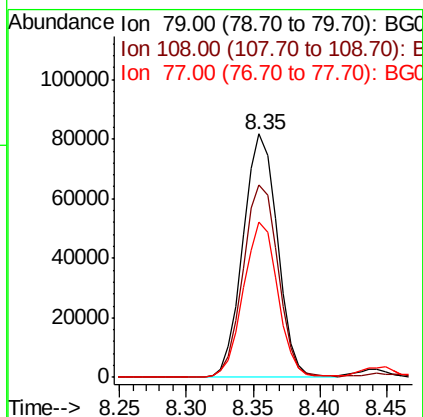
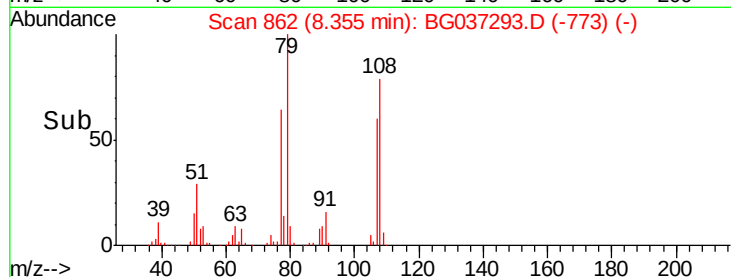
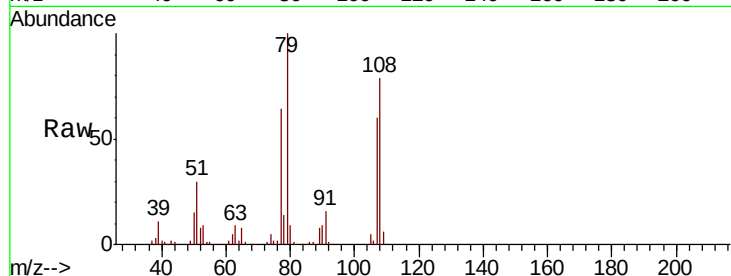
Tot Ion: 79 Resp: 145543

Ion Ratio Lower Upper

79 100

108 78.9 65.8 98.8

77 63.8 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.109 ng

RT: 8.64 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

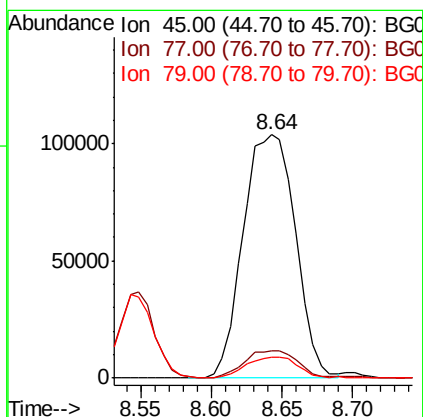
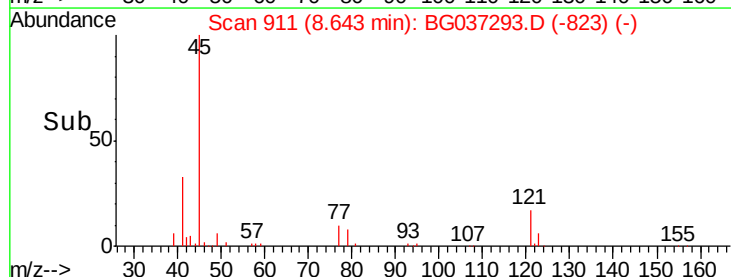
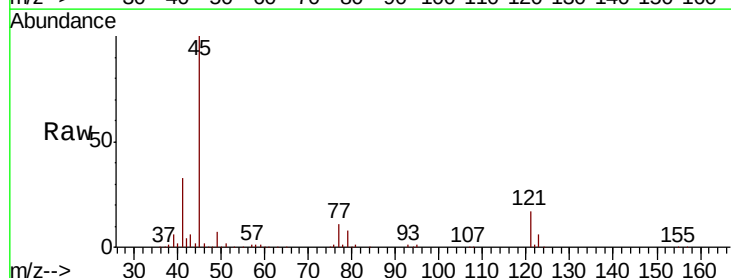
Tgt Ion: 45 Resp: 268735

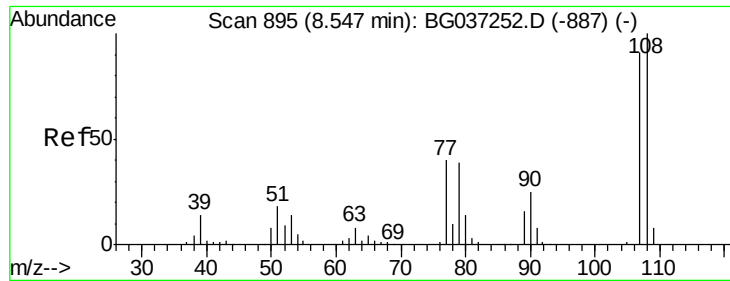
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.0

79 8.5 0.0 29.0

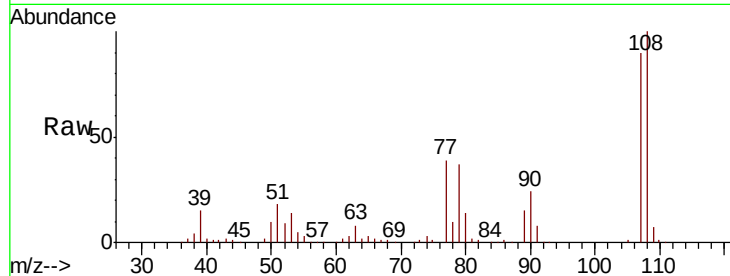




#17
2-Methylphenol
Concen: 46.848 ng
RT: 8.55 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	144581
Ion	Ratio	Lower	Upper
107	100		
108	111.7	87.9	131.9
77	43.6	35.1	52.7
79	41.3	34.5	51.7



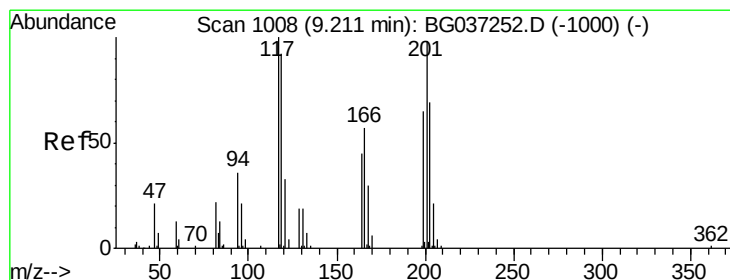
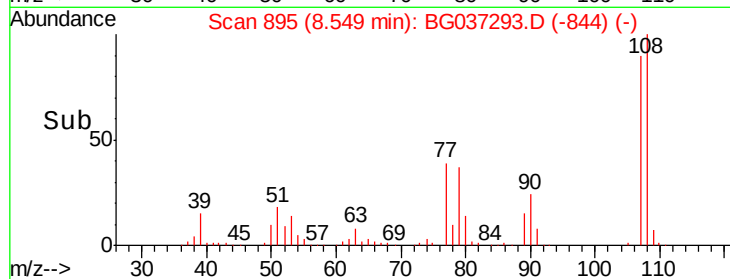
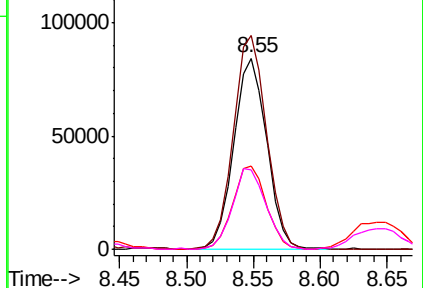
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

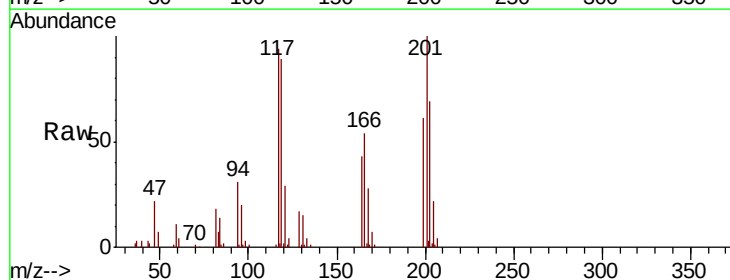
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.733 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:	117	Resp:	55825
Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.6	111.8
201	109.8	80.8	121.2

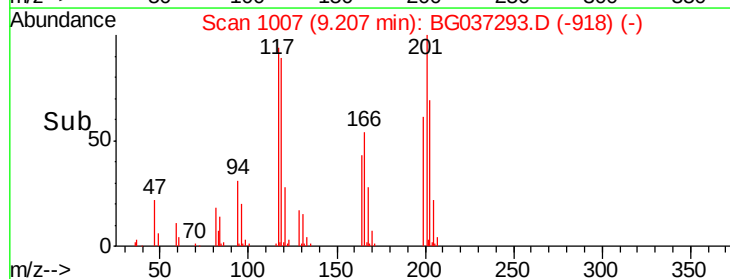
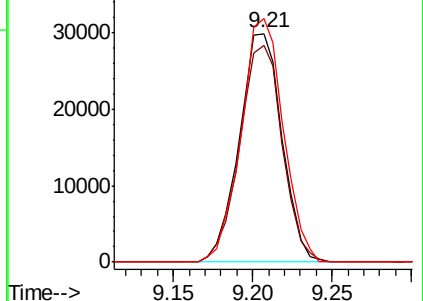


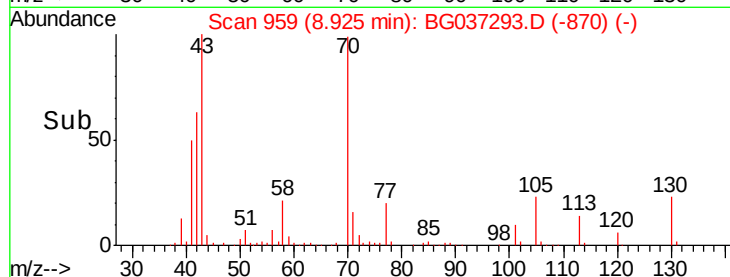
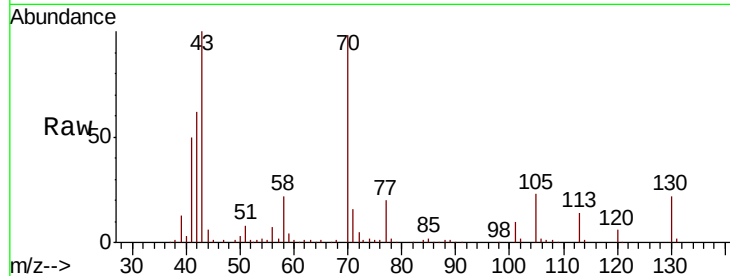
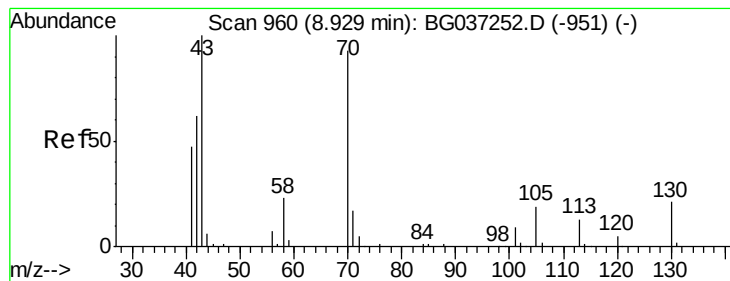
Abundance

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: 36.879 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 122165

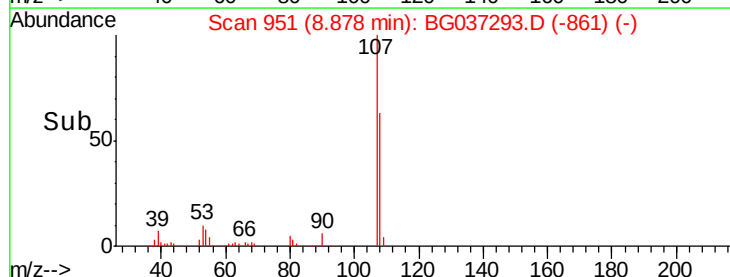
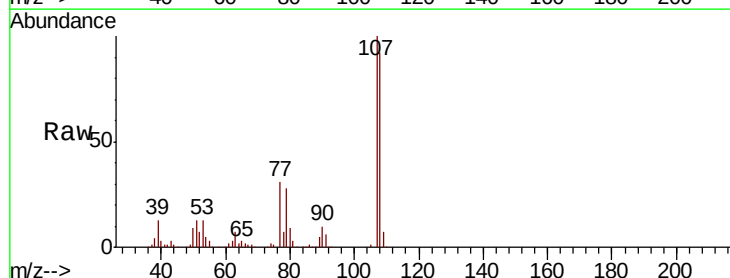
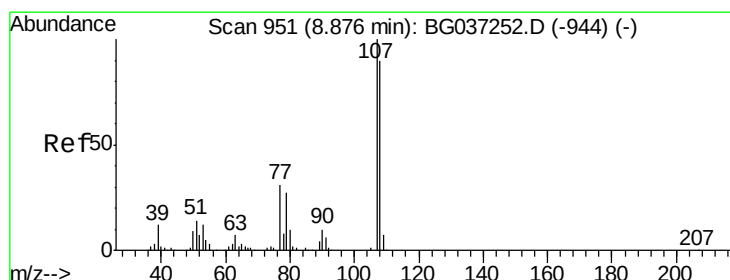
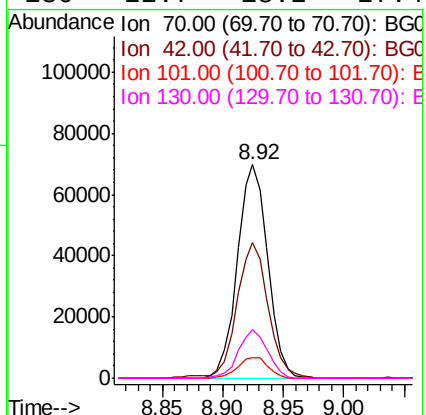
Ion Ratio Lower Upper

70 100

42 63.6 53.9 80.9

101 9.7 8.2 12.2

130 22.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 46.358 ng

RT: 8.88 min Scan# 951

Delta R.T. 0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Tgt Ion: 107 Resp: 200044

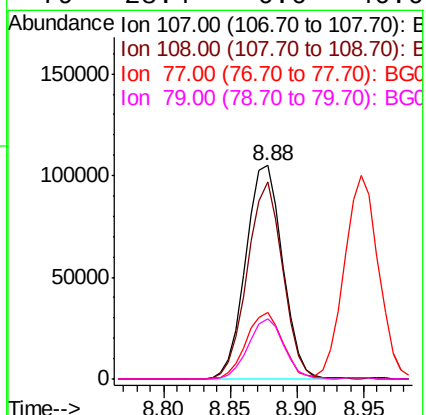
Ion Ratio Lower Upper

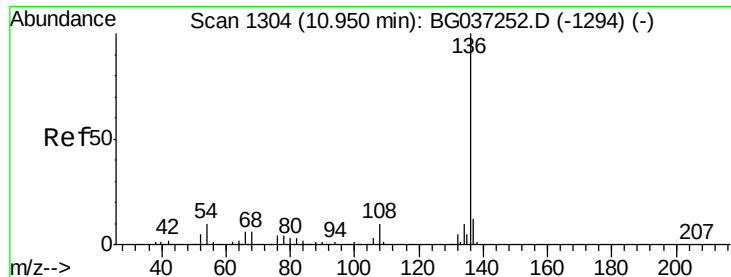
107 100

108 92.3 69.9 109.9

77 31.5 11.2 51.2

79 28.4 6.6 46.6

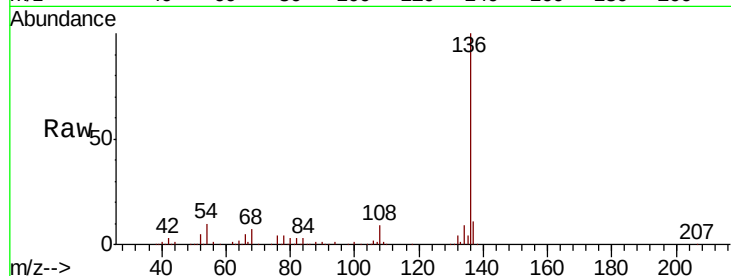




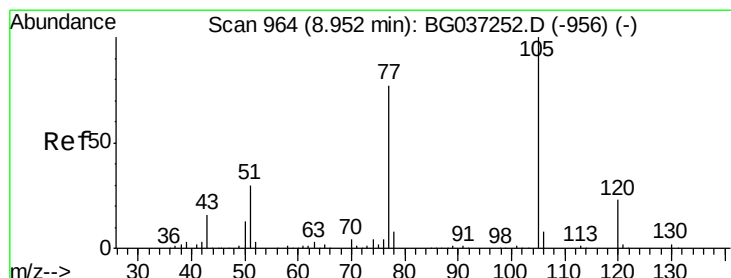
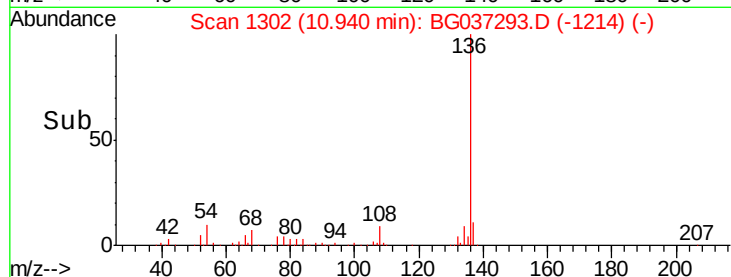
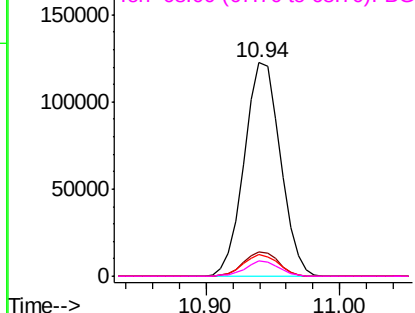
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	228688
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	10.2	7.9 11.9
68	6.9	4.8 7.2

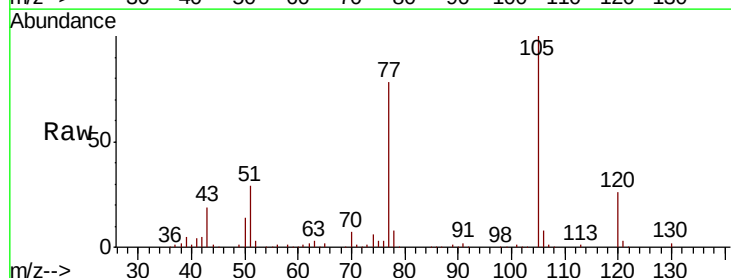


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

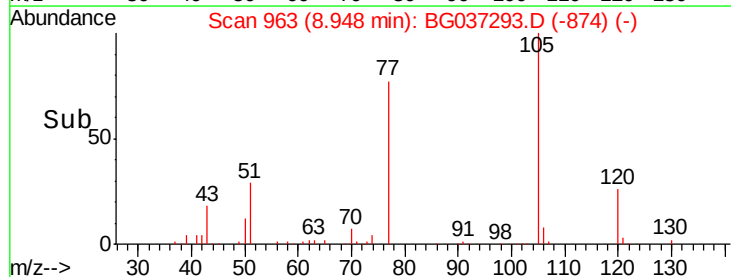
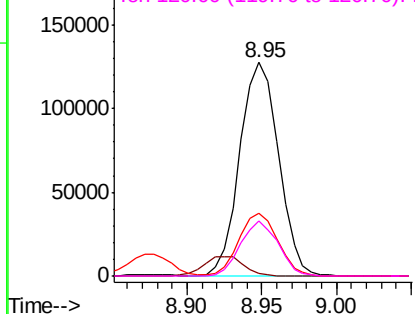


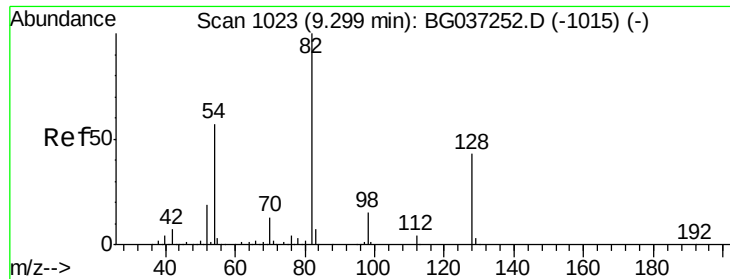
#22
Acetophenone
Concen: 40.023 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:105	Resp:	230722
Ion	Ratio	Lower Upper
105	100	
71	1.2	1.2 1.8#
51	29.4	25.0 37.6
120	25.7	18.6 28.0



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

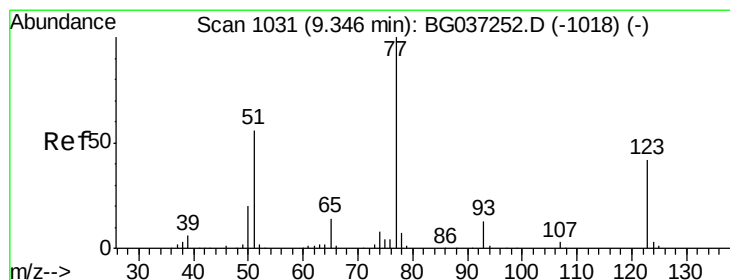
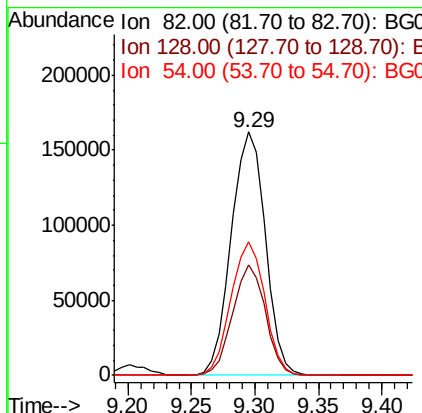
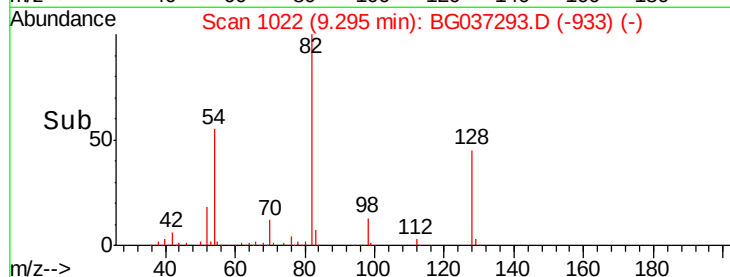
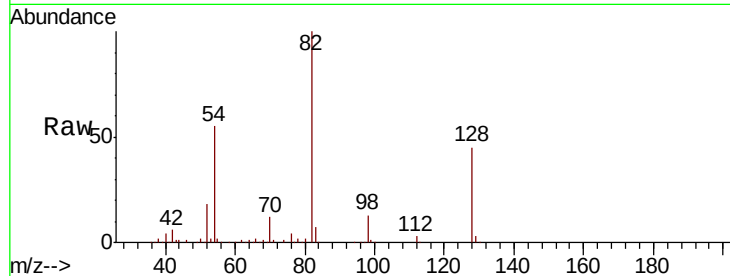




#23
 Nitrobenzene-d5
 Concen: 87.283 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

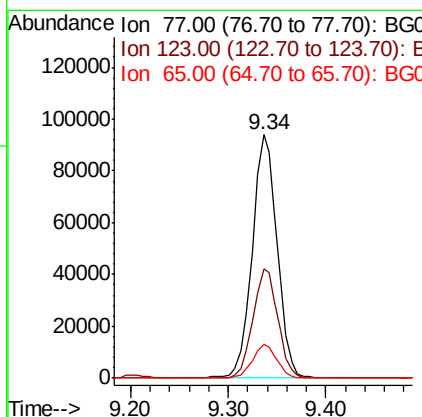
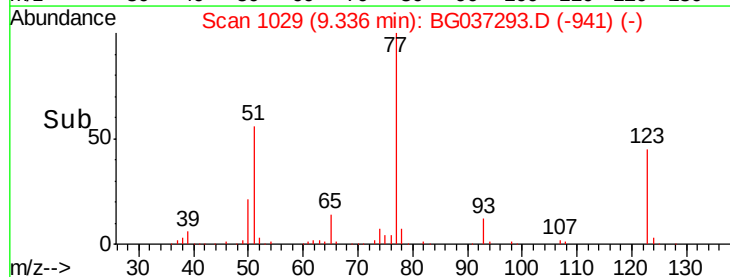
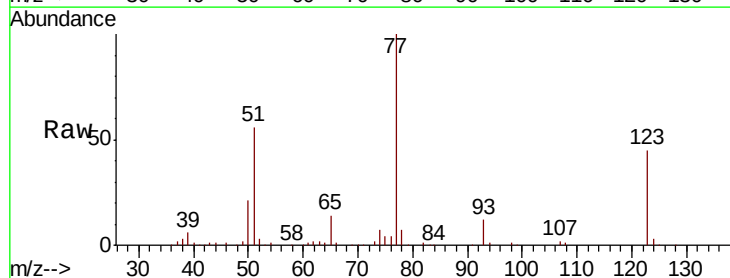
Instrument :
 BNA_G
 ClientSampled :

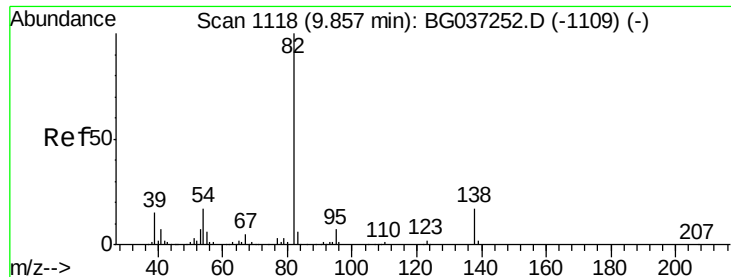
Tot Ion	82	Resp	303608
Ion Ratio	100	Lower	Upper
128	45.2	34.6	51.8
54	55.1	45.3	67.9



#24
 Nitrobenzene
 Concen: 45.147 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

Tgt Ion	77	Resp	168201
Ion Ratio	100	Lower	Upper
123	44.9	33.6	50.4
65	13.8	11.3	16.9





#25

Isophorone

Concen: 44.031 ng

RT: 9.85 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampled :

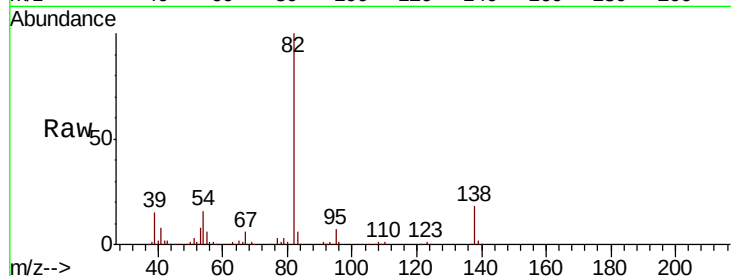
Tot Ion: 82 Resp: 349636

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

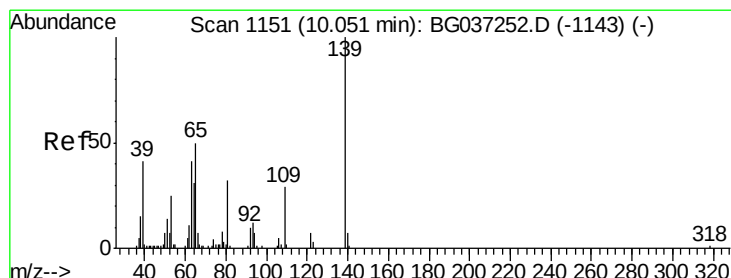
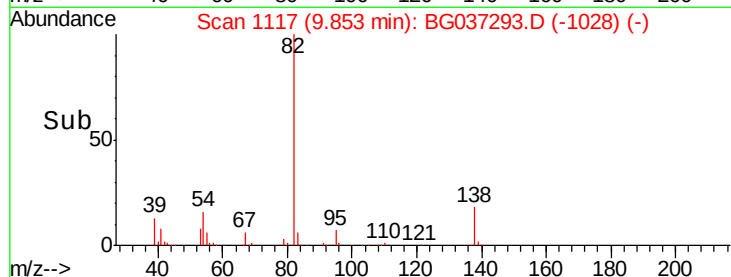
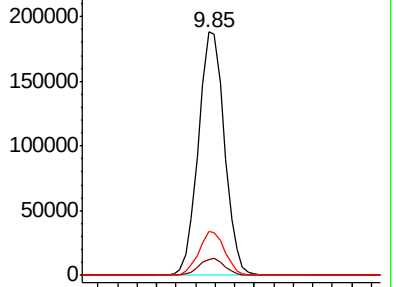
138 17.9 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BG037252.D (-1109) (-)

Ion 95.00 (94.70 to 95.70): BG037252.D (-1109) (-)

Ion 138.00 (137.70 to 138.70): BG037252.D (-1109) (-)



#26

2-Nitrophenol

Concen: 47.612 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

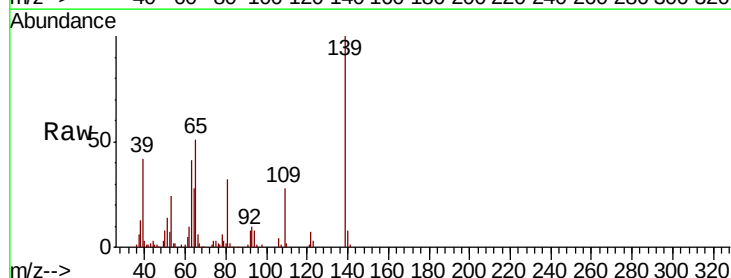
Tgt Ion: 139 Resp: 65776

Ion Ratio Lower Upper

139 100

109 27.6 23.3 34.9

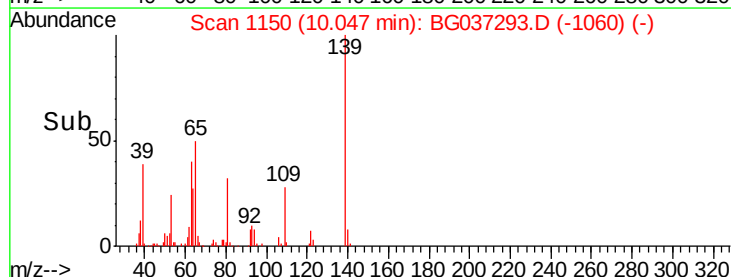
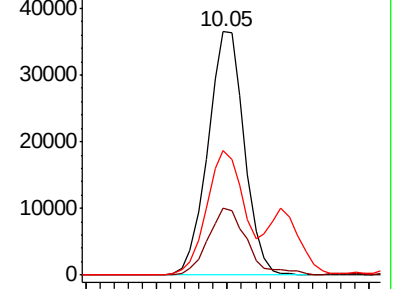
65 51.3 39.8 59.8

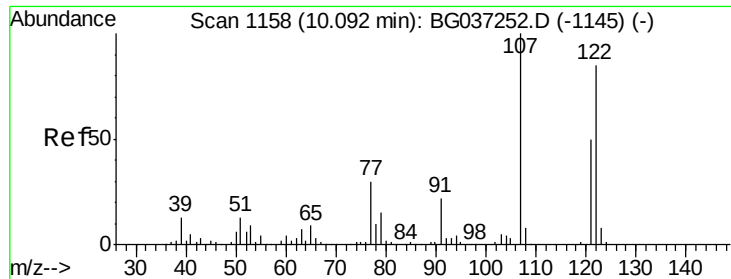


Abundance Ion 139.00 (138.70 to 139.70): BG037252.D (-1143) (-)

Ion 109.00 (108.70 to 109.70): BG037252.D (-1143) (-)

Ion 65.00 (64.70 to 65.70): BG037252.D (-1143) (-)

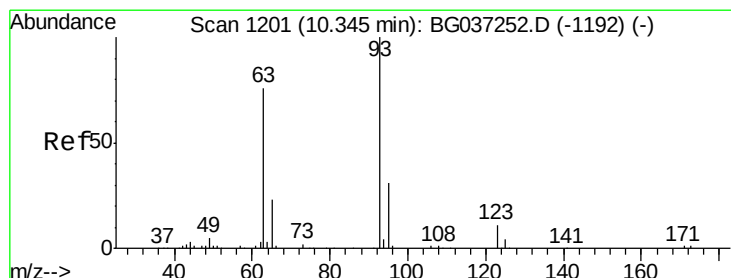
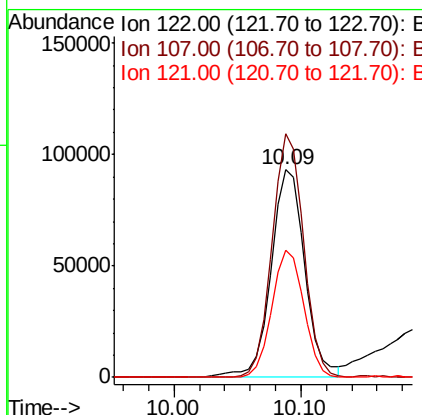
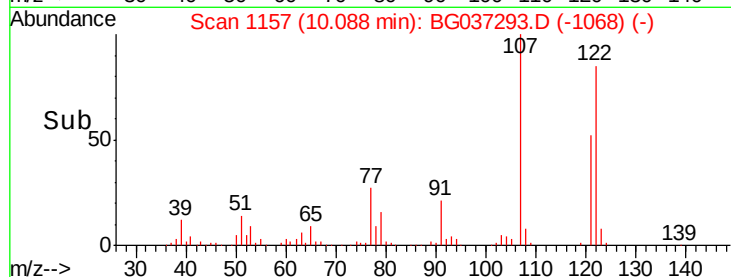
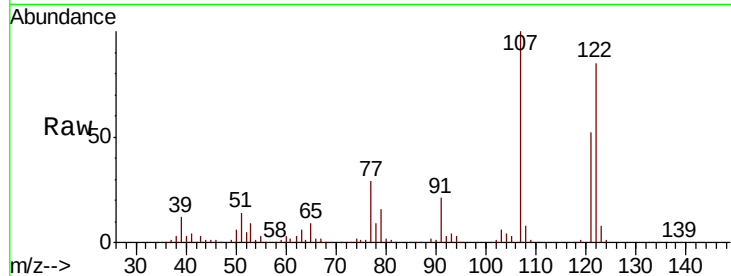




#27
 2,4-Dimethylphenol
 Concen: 51.988 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

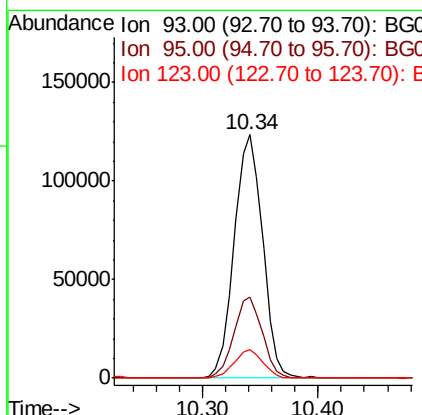
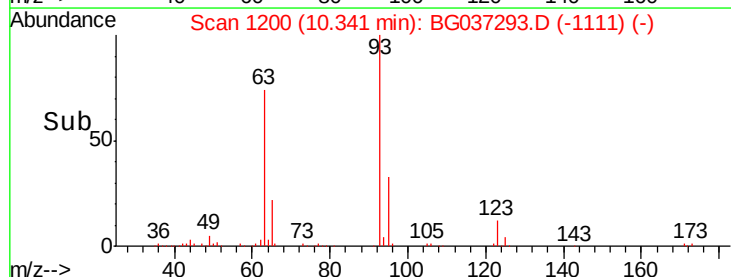
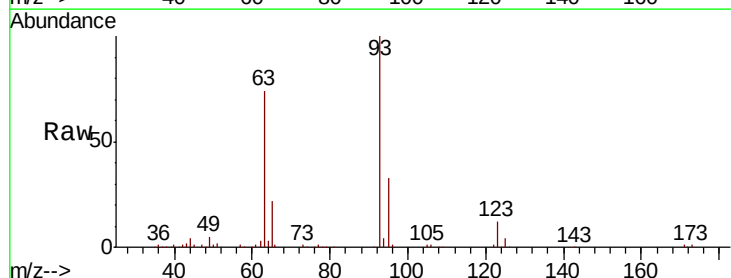
Instrument :
 BNA_G
 ClientSampled :

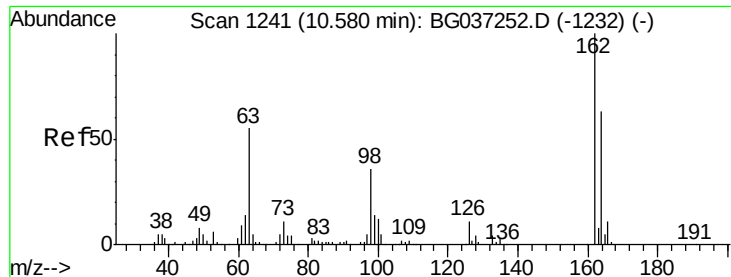
Tot Ion:122 Resp: 172551
 Ion Ratio Lower Upper
 122 100
 107 117.2 94.2 141.2
 121 60.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.390 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

Tgt Ion: 93 Resp: 210597
 Ion Ratio Lower Upper
 93 100
 95 33.1 24.6 37.0
 123 11.9 9.1 13.7

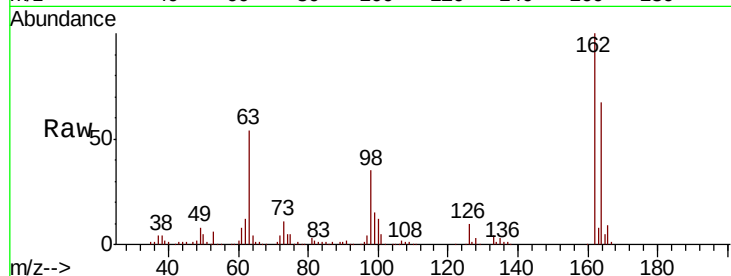




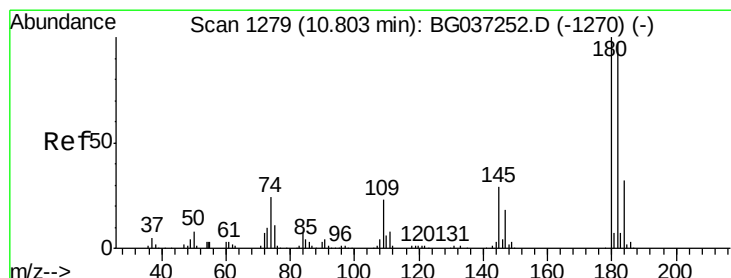
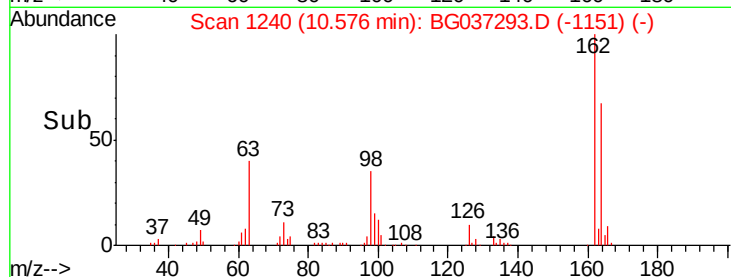
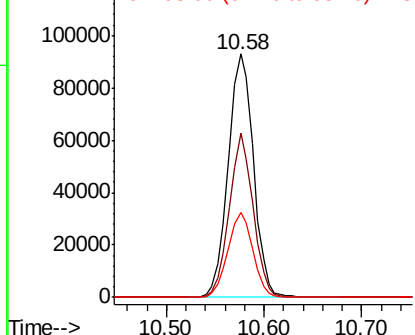
#29
2,4-Dichlorophenol
Concen: 49.656 ng
RT: 10.58 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 167301
Ion Ratio Lower Upper
162 100
164 67.3 43.2 83.2
98 34.9 16.0 56.0

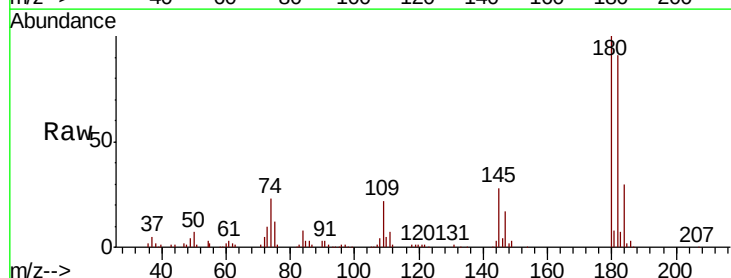


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

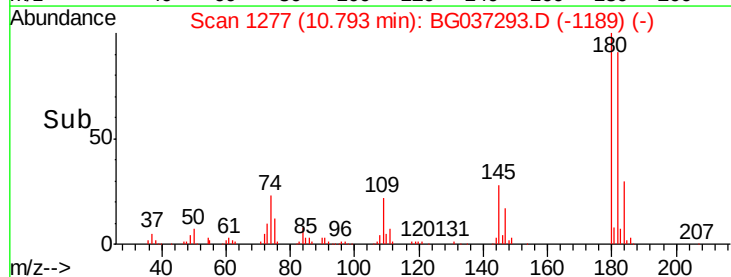
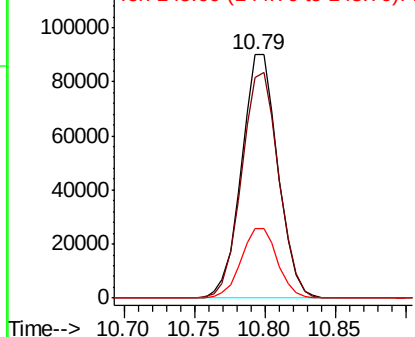


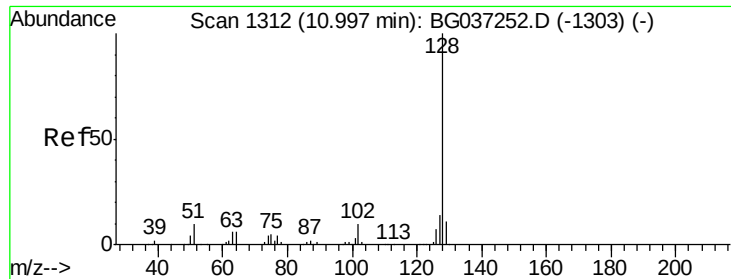
#30
1,2,4-Trichlorobenzene
Concen: 39.639 ng
RT: 10.79 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:180 Resp: 162513
Ion Ratio Lower Upper
180 100
182 90.8 77.7 116.5
145 28.4 23.3 34.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

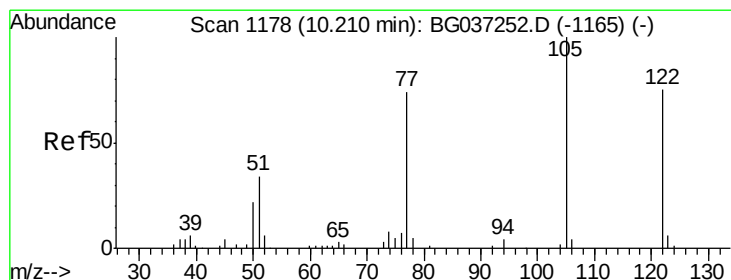
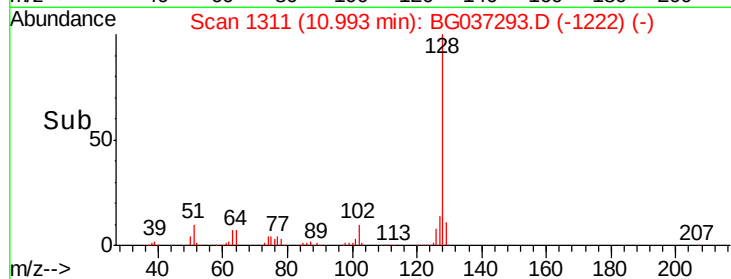
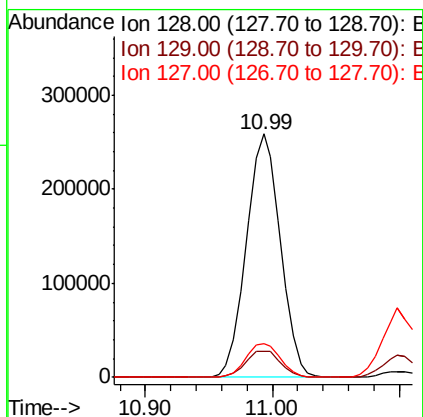
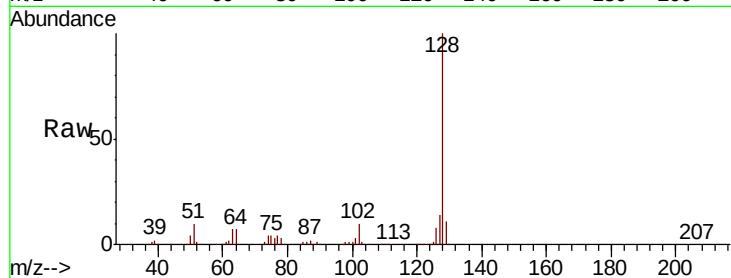




#31
Naphthalene
Concen: 43.358 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

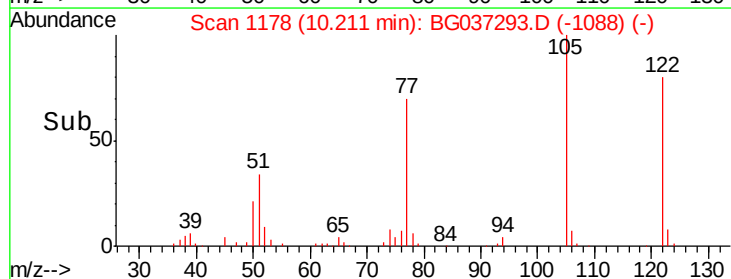
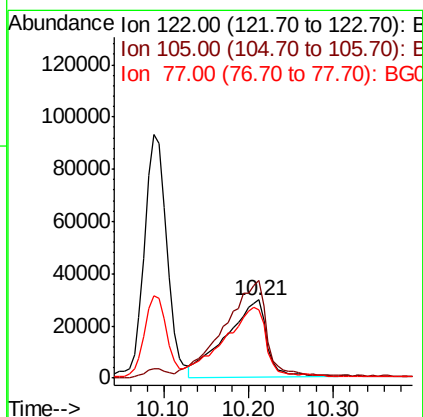
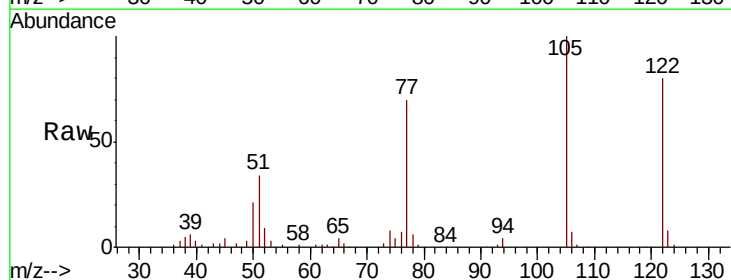
Instrument :
BNA_G
ClientSampleId :

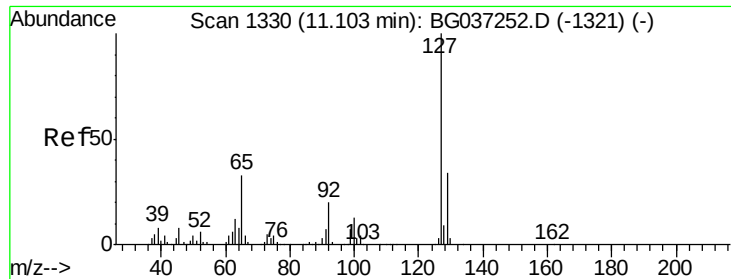
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.9	11.1	16.7



#32
Benzoic acid
Concen: 53.929 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	106.7	146.7
77	86.6	72.2	112.2

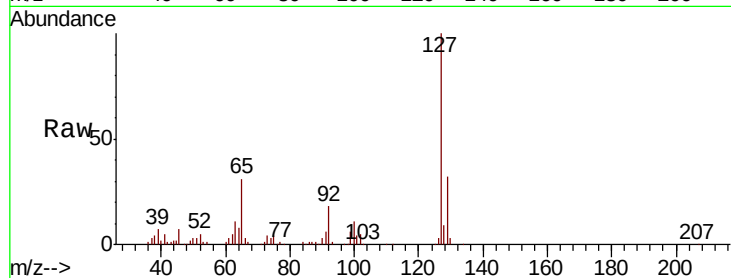




#33
4-Chloroaniline
Concen: 25.485 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	132868
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.1	40.7
65	30.9	26.6	39.8
92	17.7	16.4	24.6



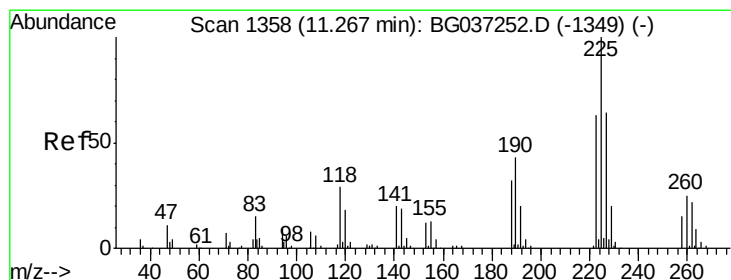
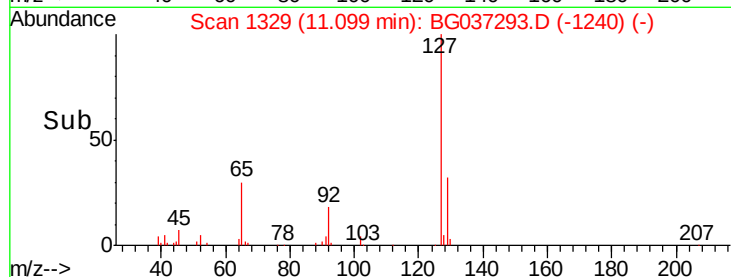
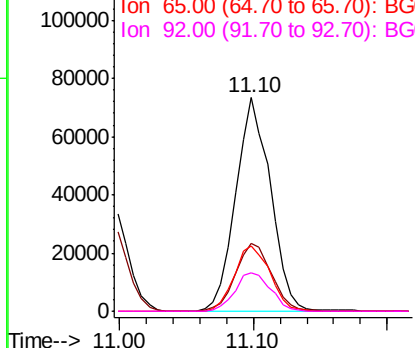
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

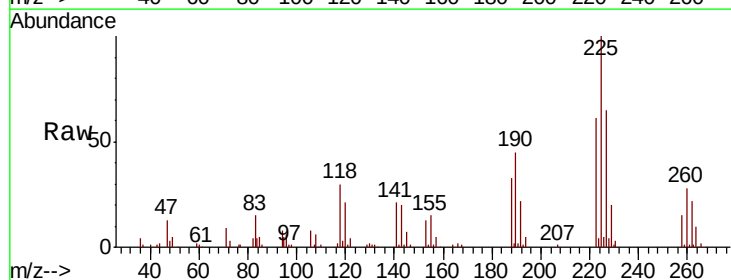
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.017 ng
RT: 11.26 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:	225	Resp:	94245
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.2	72.4
227	65.3	51.6	77.4

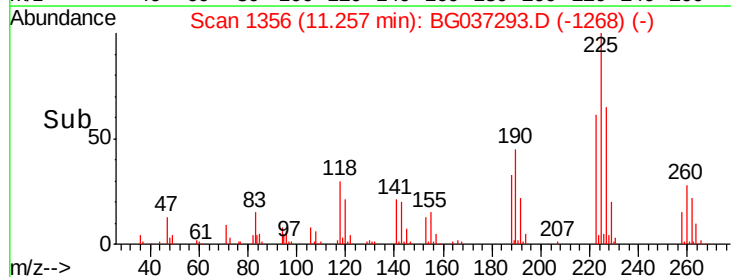
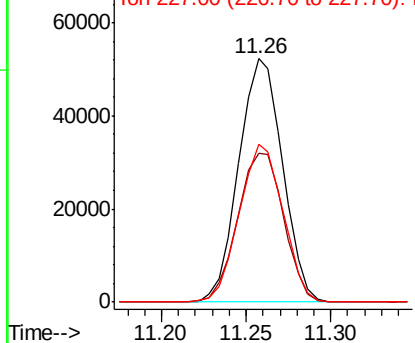


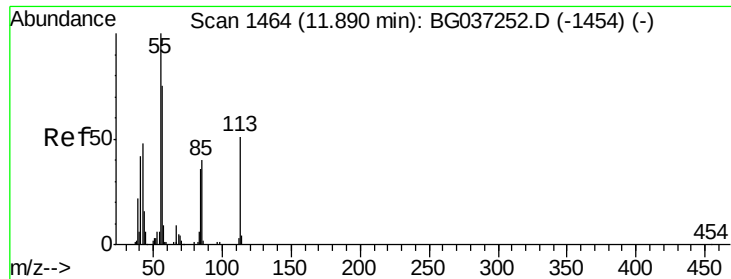
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

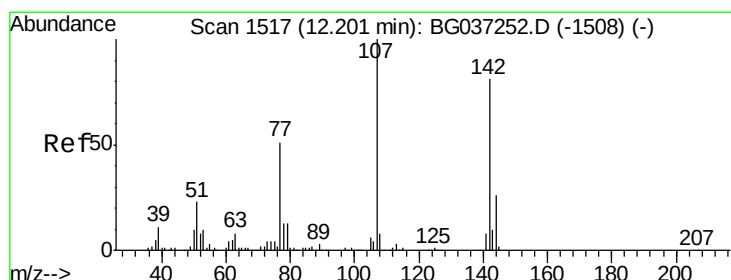
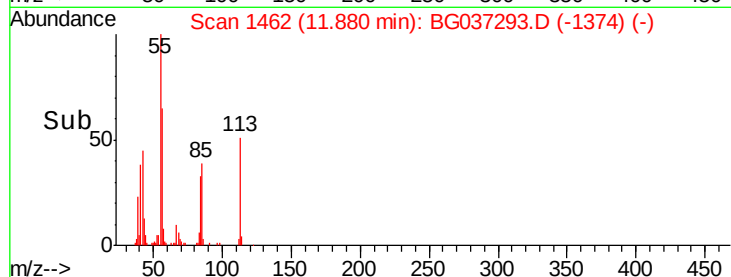
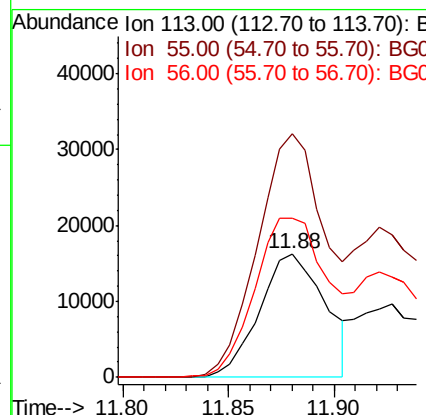
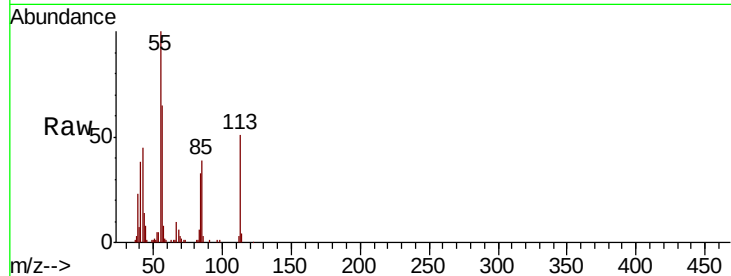




#35
 Caprolactam
 Concen: 25.581 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

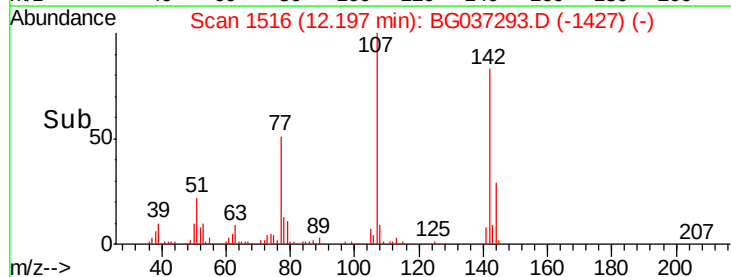
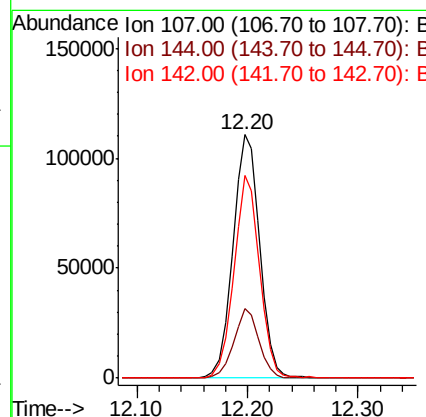
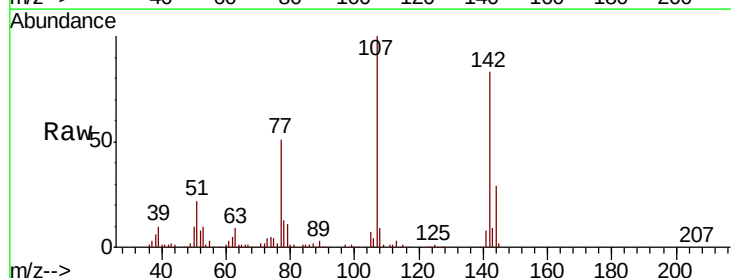
Instrument :
 BNA_G
 ClientSampled :

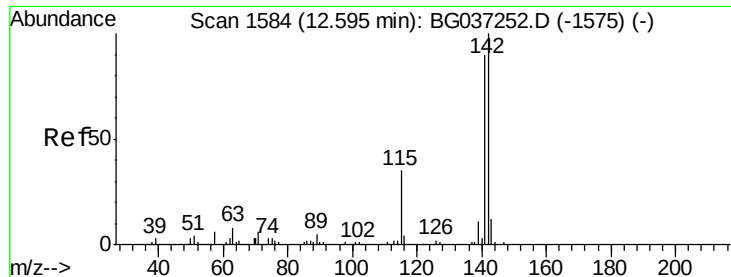
Tot Ion:113 Resp: 35136
 Ion Ratio Lower Upper
 113 100
 55 197.4 176.6 216.6
 56 129.0 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.235 ng
 RT: 12.20 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

Tgt Ion:107 Resp: 187952
 Ion Ratio Lower Upper
 107 100
 144 28.5 20.7 31.1
 142 83.2 64.4 96.6

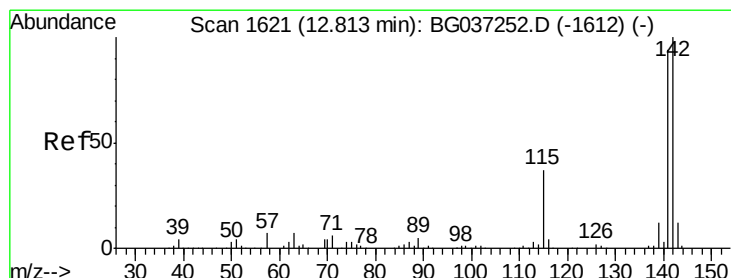
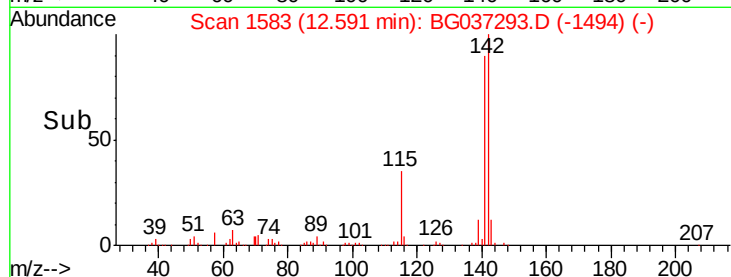
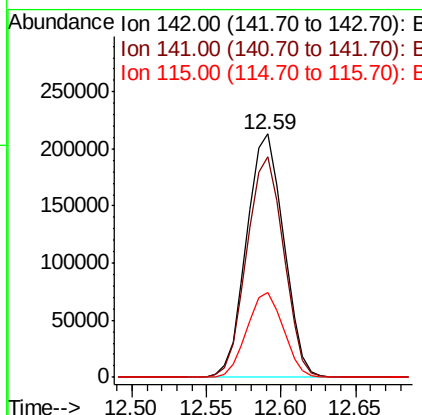
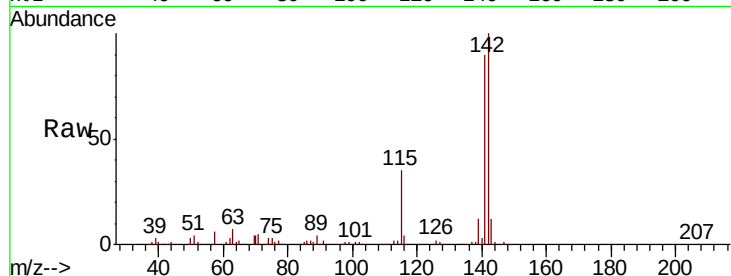




#37
2-Methylnaphthalene
Concen: 45.251 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

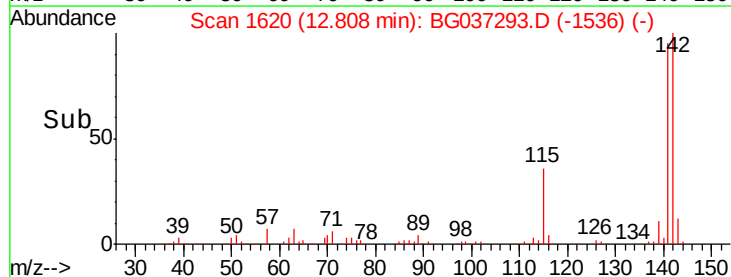
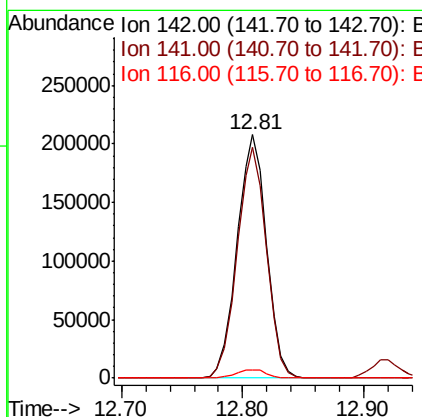
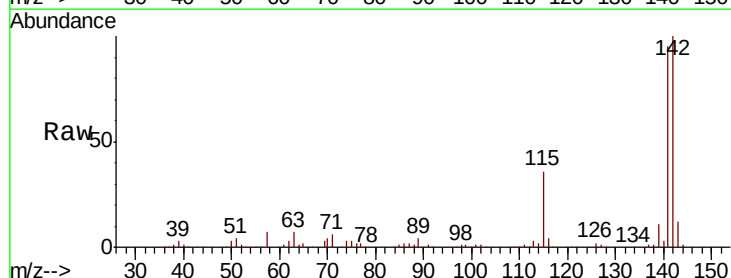
Instrument :
BNA_G
ClientSampled :

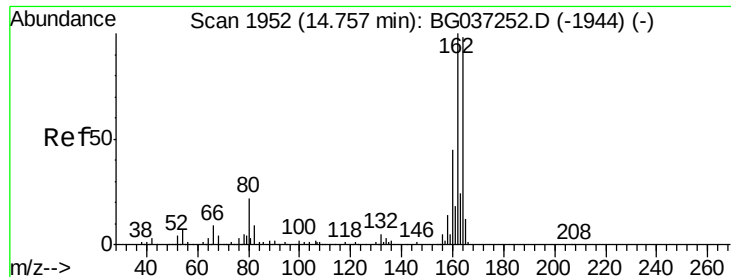
Tot Ion:142 Resp: 367023
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9
115 34.7 27.8 41.8



#38
1-Methylnaphthalene
Concen: 44.332 ng
RT: 12.81 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:142 Resp: 351181
Ion Ratio Lower Upper
142 100
141 94.8 75.2 112.8
116 3.6 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

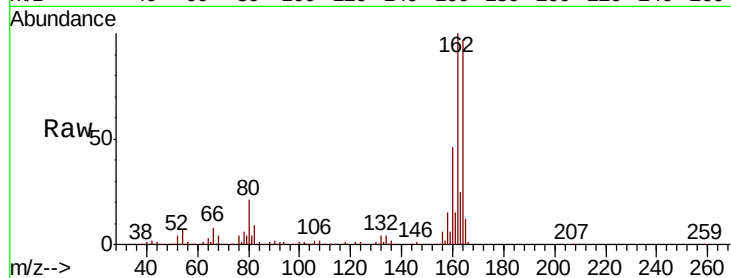
Tot Ion:164 Resp: 154486

Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

160 47.2 36.3 54.5

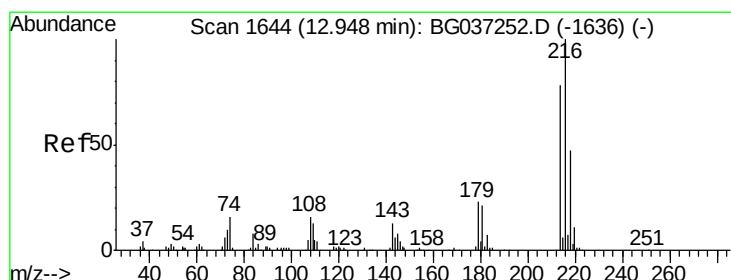
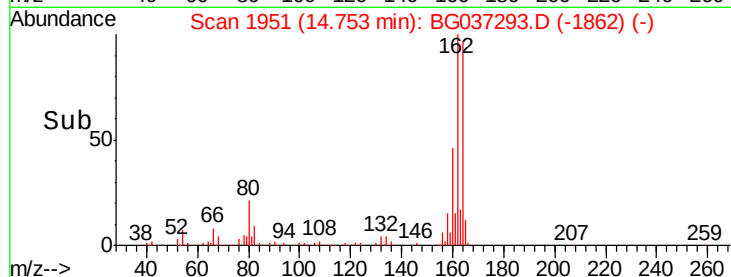
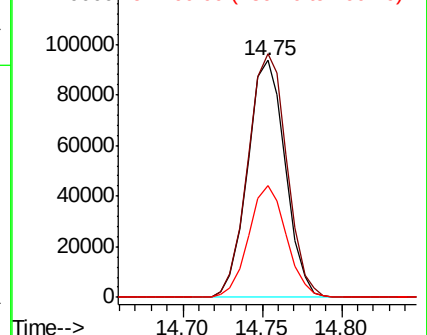


Abundance

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: 37.441 ng

RT: 12.94 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Tgt Ion:216 Resp: 187311

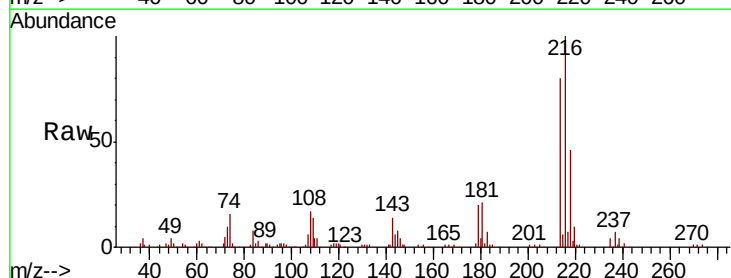
Ion Ratio Lower Upper

216 100

214 80.8 63.8 95.6

179 21.0 17.4 26.0

108 19.2 13.9 20.9



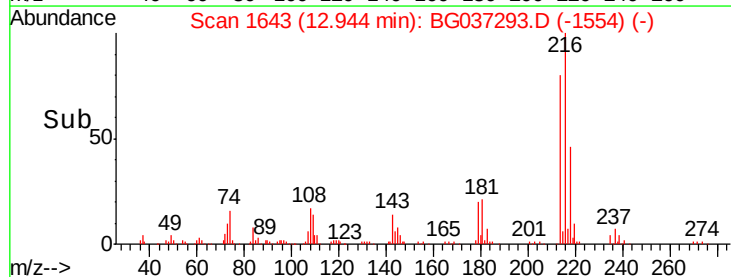
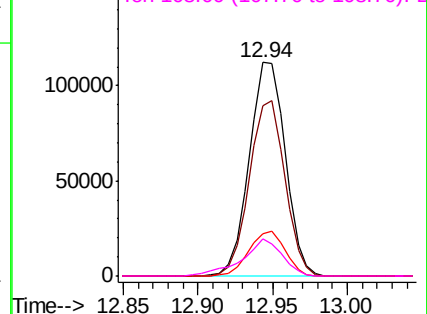
Abundance

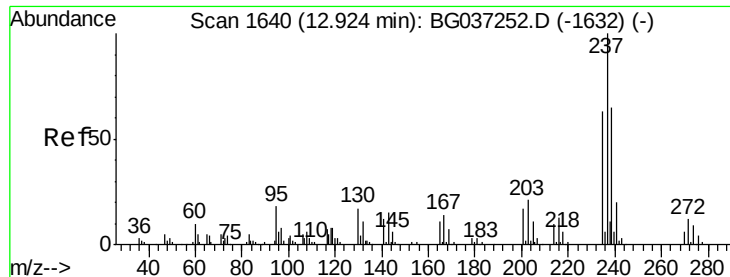
Ion 216.00 (215.70 to 216.70): E

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: 101.261 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

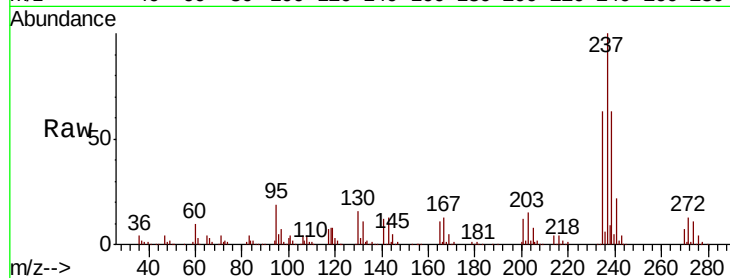
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 208846

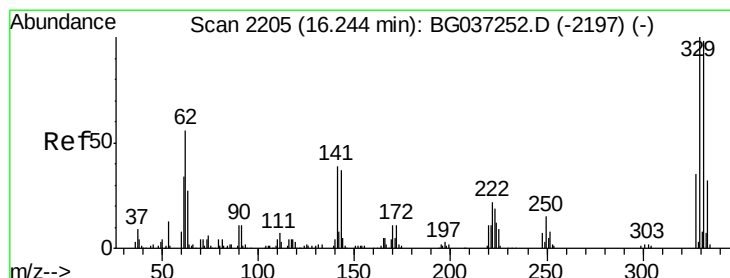
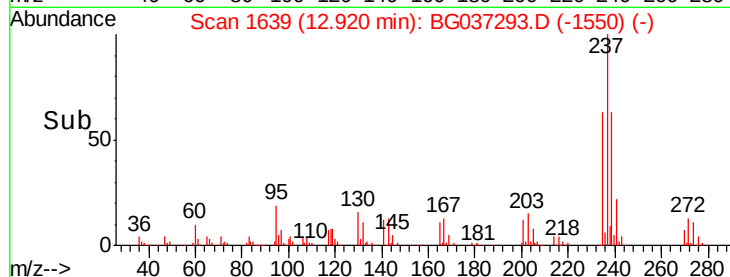
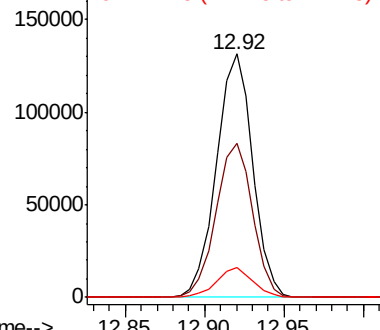
Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.5	82.5
272	12.5	0.0	31.6



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: 147.930 ng

RT: 16.24 min Scan# 2204

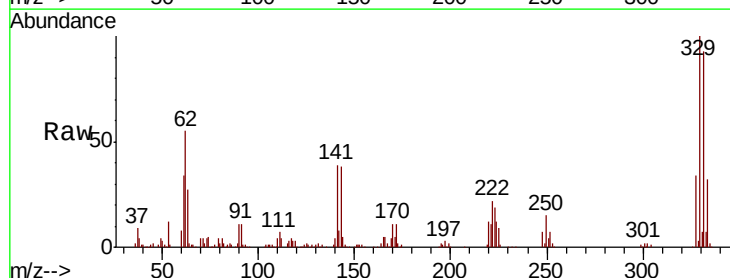
Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Tgt Ion:330 Resp: 224125

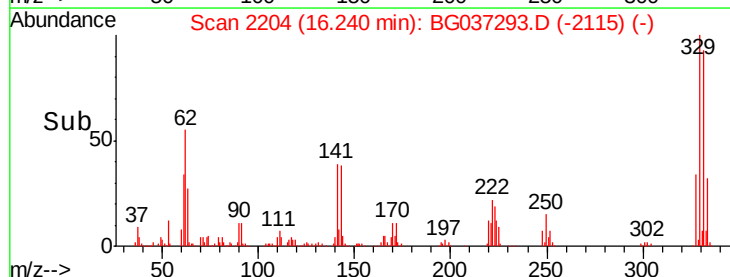
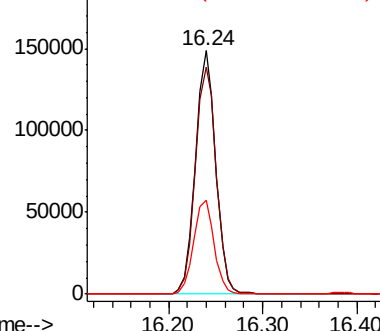
Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	38.9	32.2	48.2

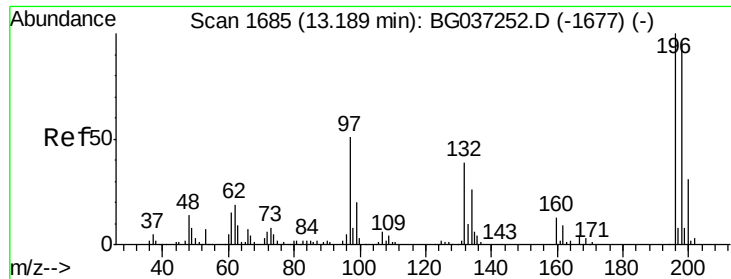


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

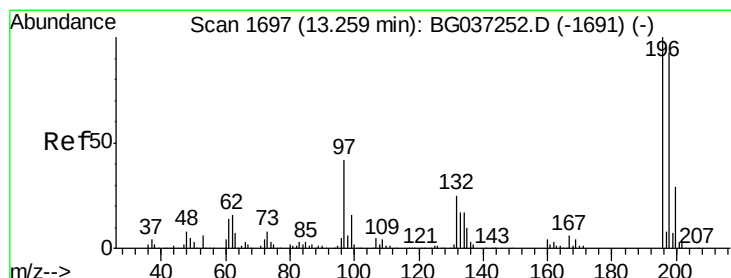
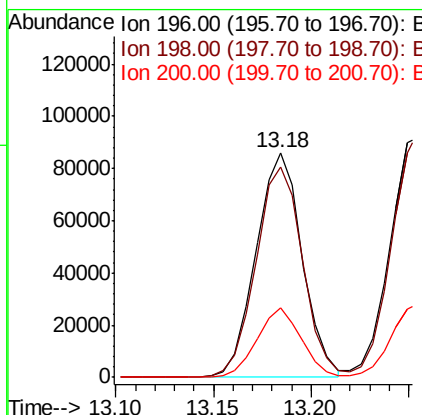
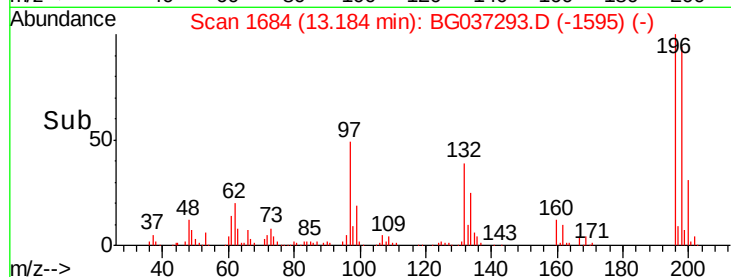
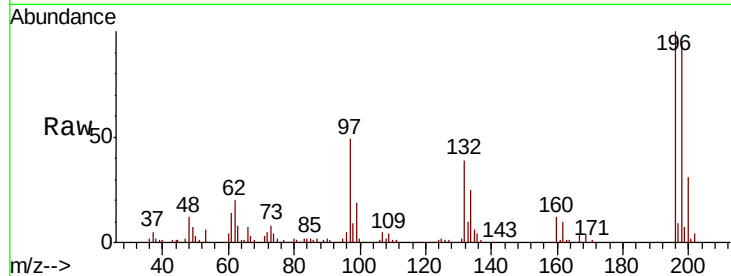




#43
 2,4,6-Trichlorophenol
 Concen: 48.378 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

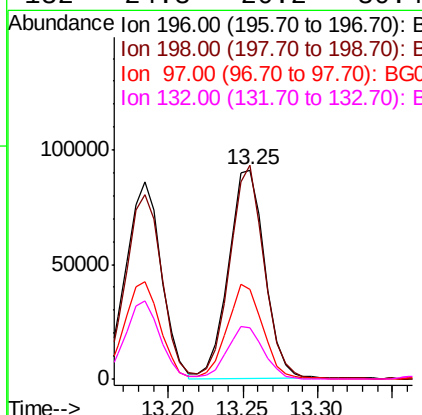
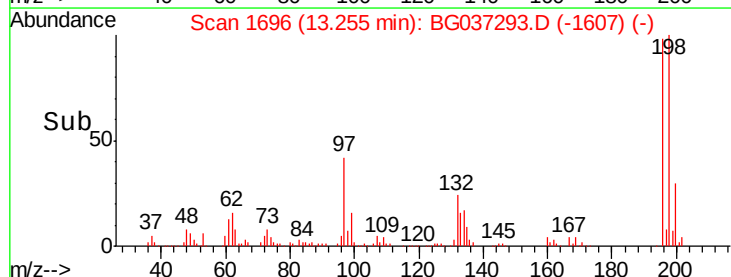
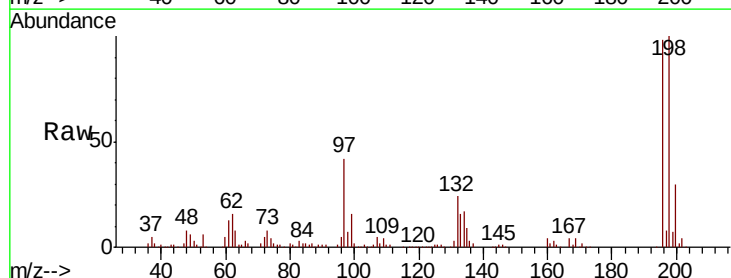
Instrument :
 BNA_G
 ClientSampleId :

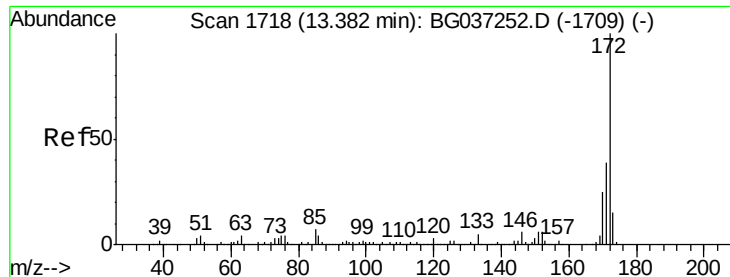
Tot Ion:196 Resp: 140405
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.4 114.6
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.457 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

Tgt Ion:196 Resp: 154438
 Ion Ratio Lower Upper
 196 100
 198 102.1 74.2 111.2
 97 43.1 34.1 51.1
 132 24.3 20.2 30.4

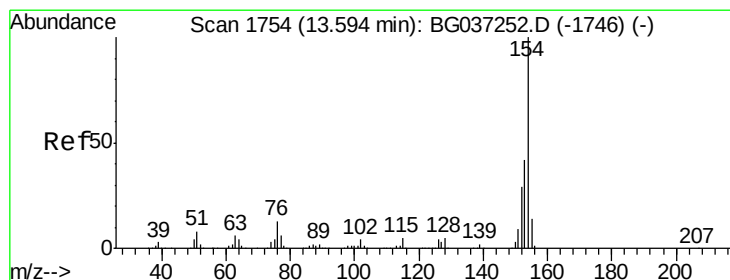
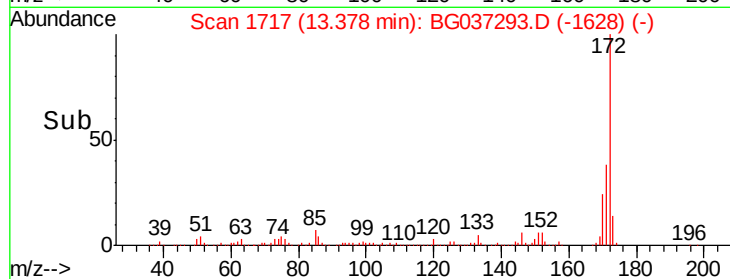
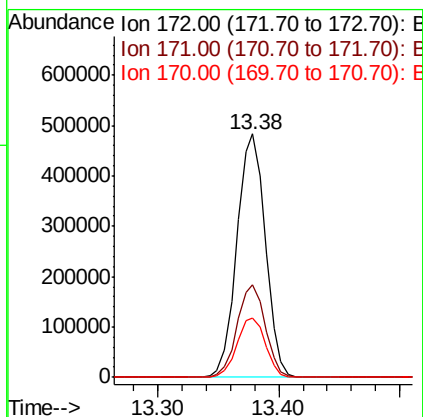
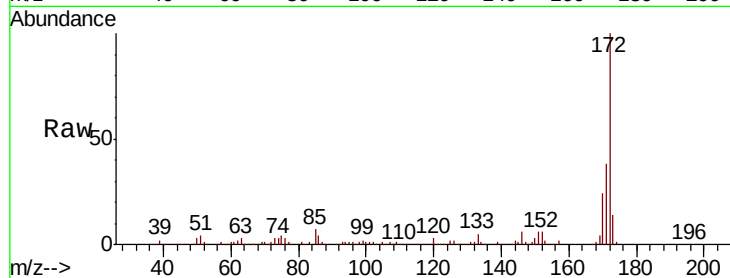




#45
2-Fluorobiphenyl
Concen: 77.149 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

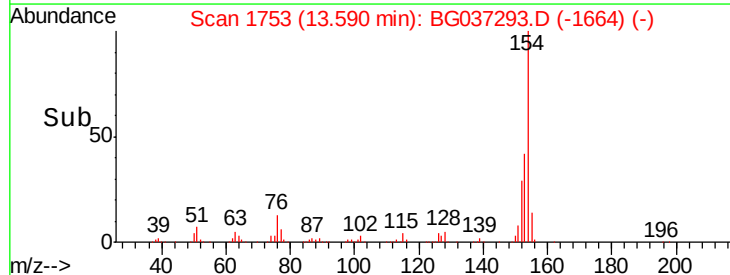
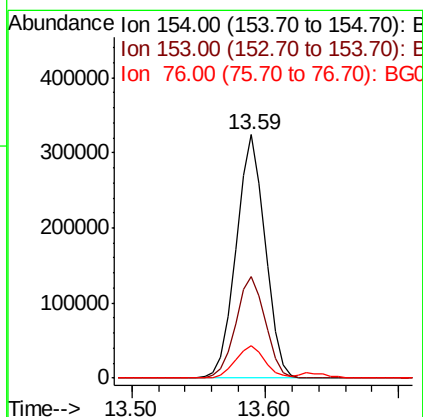
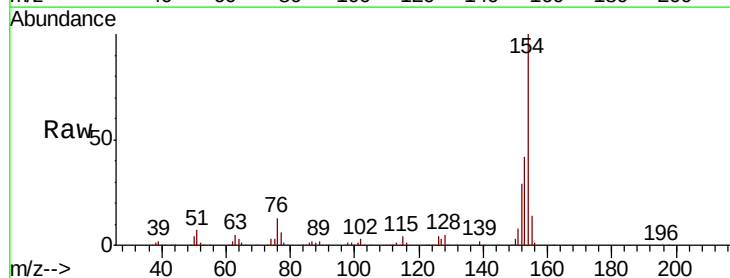
Instrument :
BNA_G
ClientSampleId :

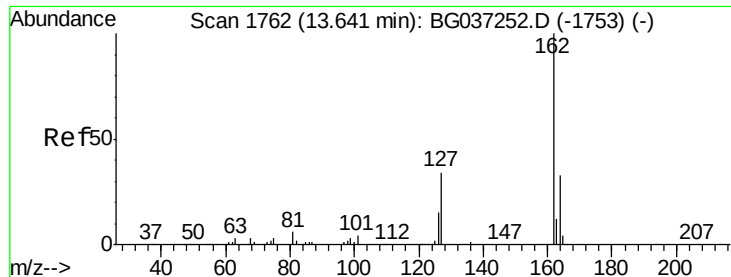
Tot Ion:172 Resp: 793630
Ion Ratio Lower Upper
172 100
171 37.8 31.0 46.4
170 24.4 20.2 30.2



#46
1,1'-Biphenyl
Concen: 38.200 ng
RT: 13.59 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:154 Resp: 485460
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 13.1 0.0 33.2

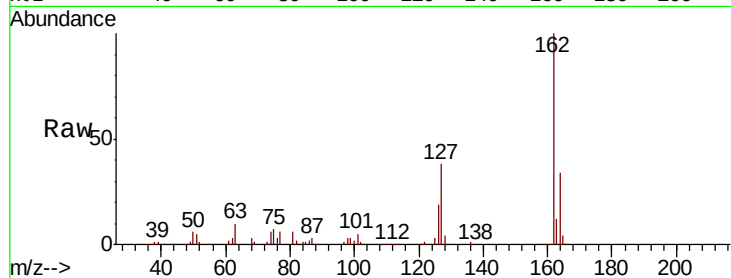




#47
 2-Chloronaphthalene
 Concen: 38.874 ng
 RT: 13.64 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	30.5	45.7
164	33.8	26.4	39.6

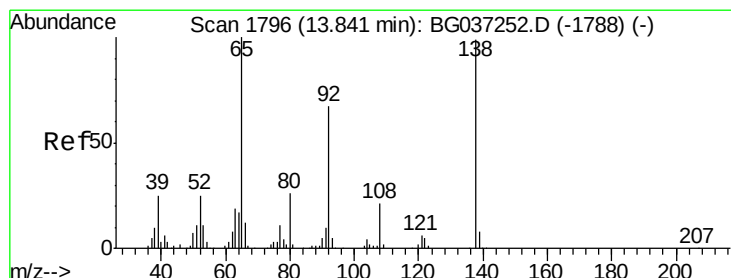
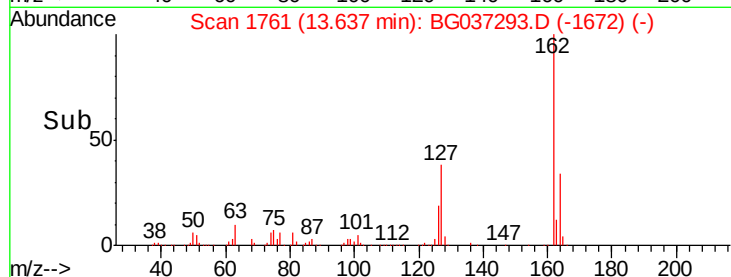
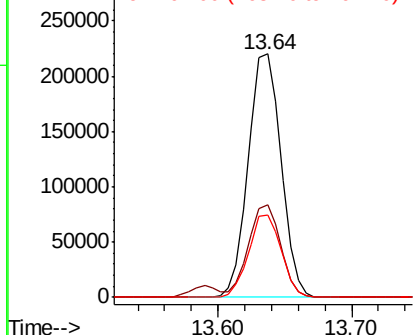


Abundance

Ion 162.00 (161.70 to 162.70): E

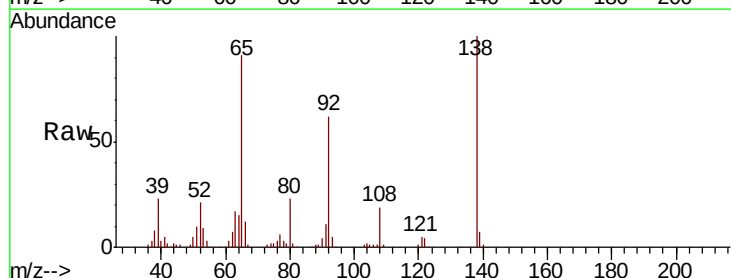
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 45.019 ng
 RT: 13.84 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.2	79.8
138	110.4	79.3	118.9

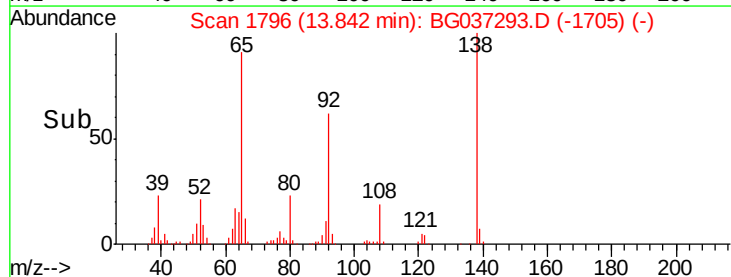
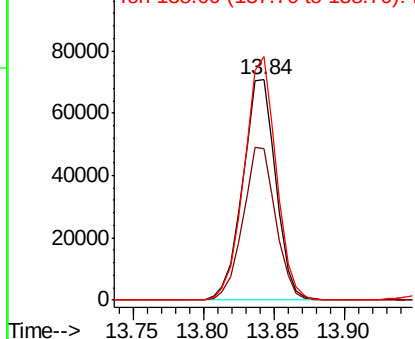


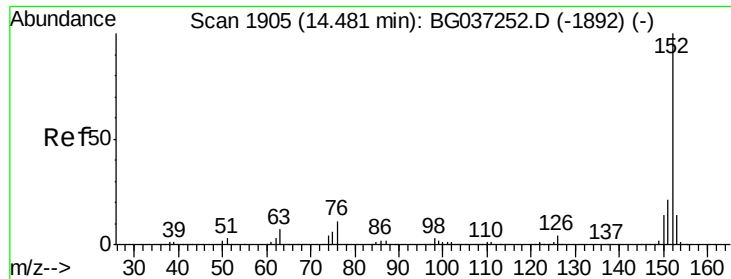
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.371 ng

RT: 14.48 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampled :

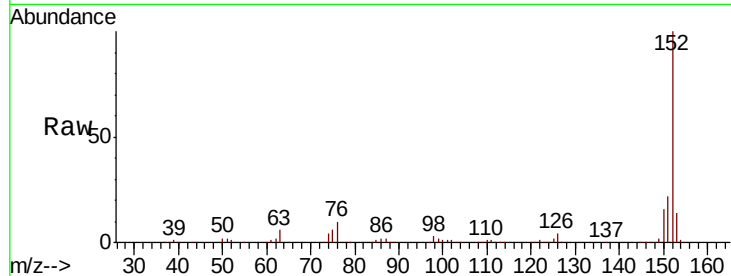
Tot Ion:152 Resp: 636883

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

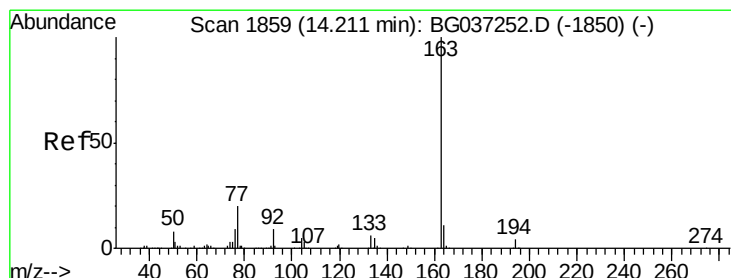
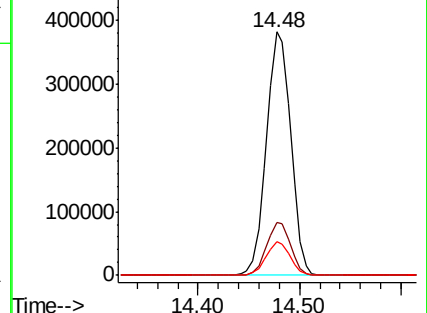
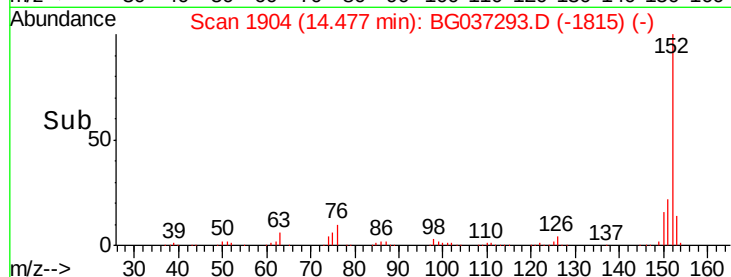
153 13.9 11.1 16.7



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: 43.021 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

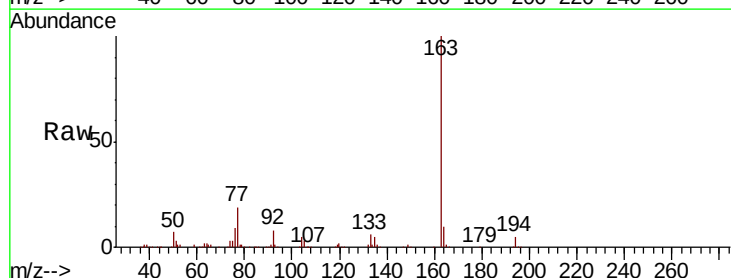
Tgt Ion:163 Resp: 522300

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

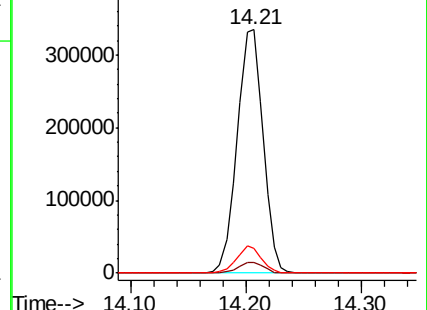
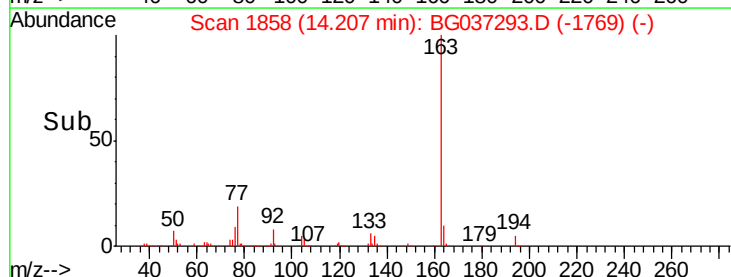
164 10.1 8.5 12.7

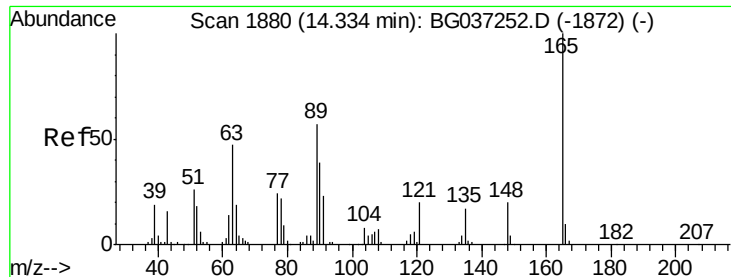


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

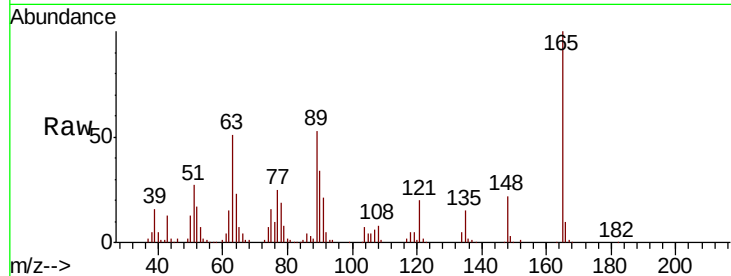




#51
 2,6-Dinitrotoluene
 Concen: 46.455 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	43.4	65.2
89	53.0	45.8	68.6

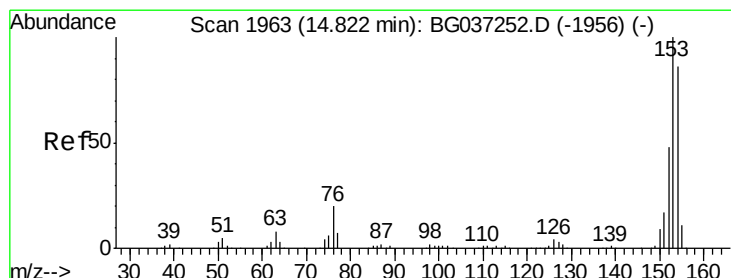
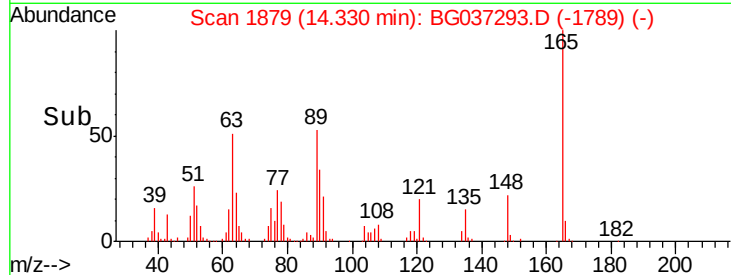
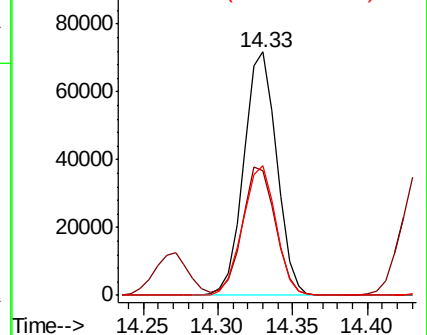


Abundance

Ion 165.00 (164.70 to 165.70): E

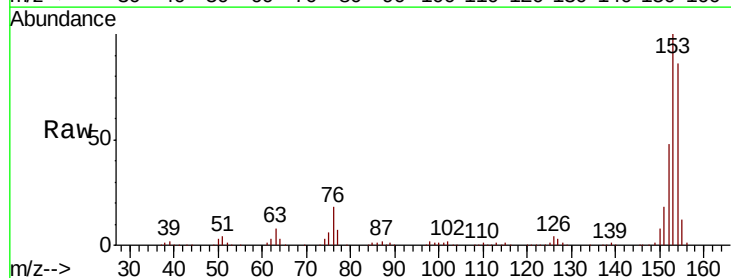
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 40.756 ng
 RT: 14.82 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.5	93.4	140.0
152	56.5	44.7	67.1

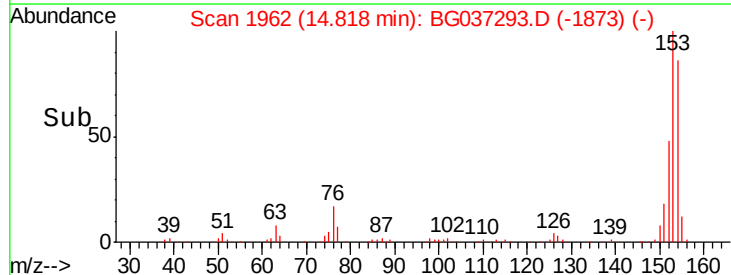
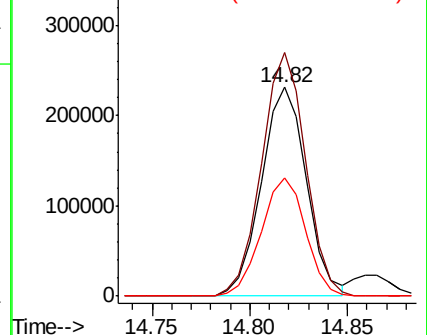


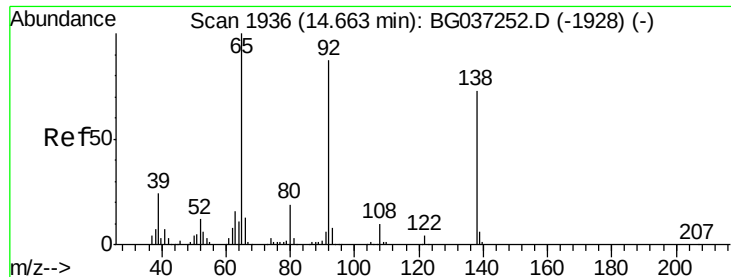
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

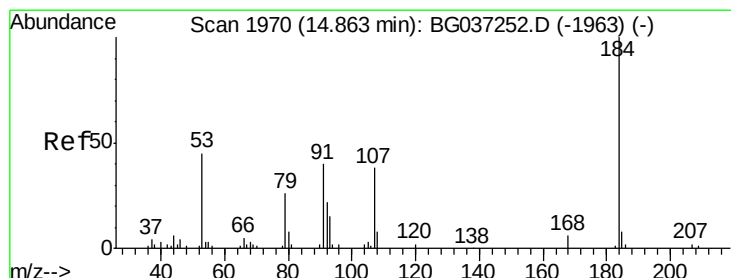
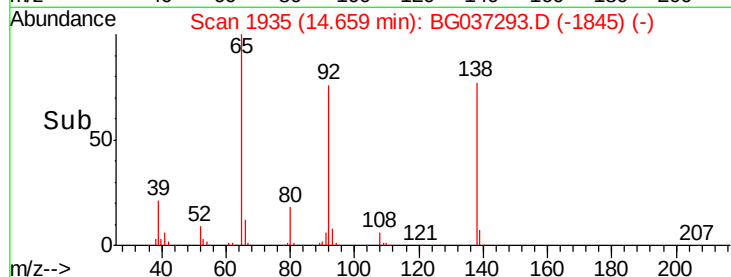
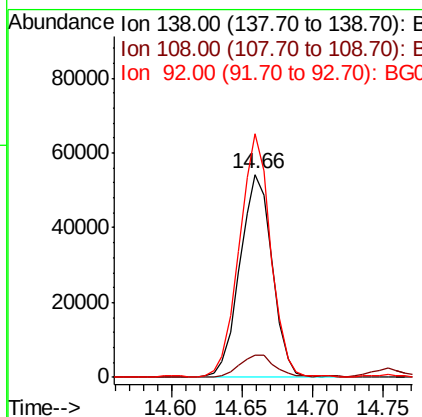
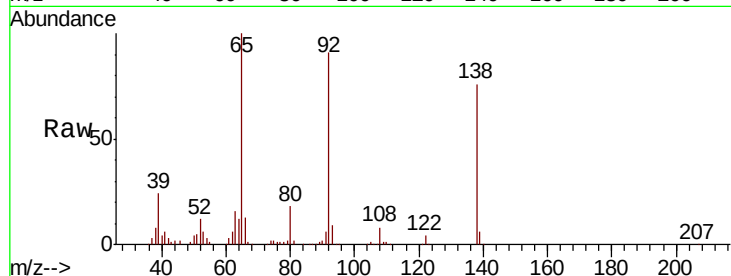




#53
3-Nitroaniline
Concen: 34.127 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

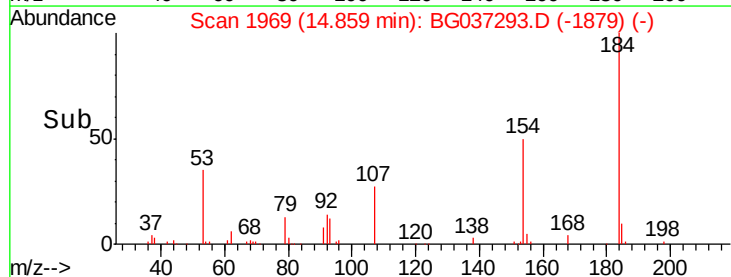
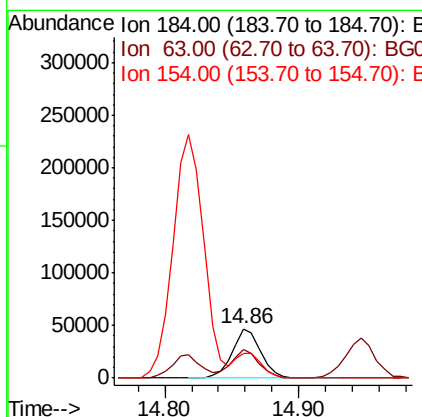
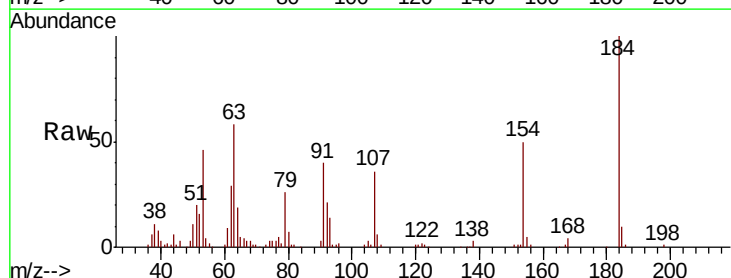
Instrument :
BNA_G
ClientSampleId :

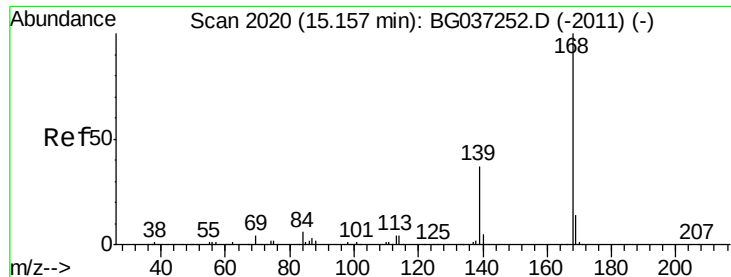
Tot Ion:138 Resp: 86687
Ion Ratio Lower Upper
138 100
108 11.2 11.0 16.6
92 120.1 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 115.411 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:184 Resp: 70112
Ion Ratio Lower Upper
184 100
63 58.0 42.6 63.8
154 49.9 41.8 62.6

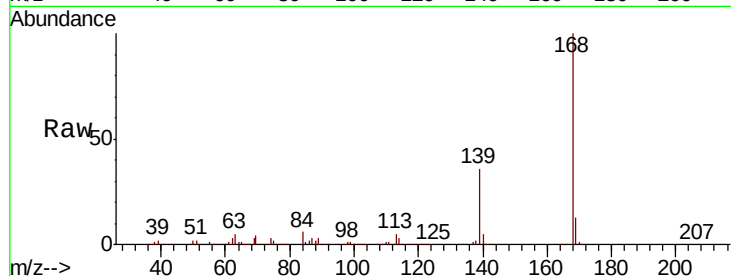




#55
Dibenzofuran
Concen: 40.748 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.4	44.0
169	13.3	11.0	16.6

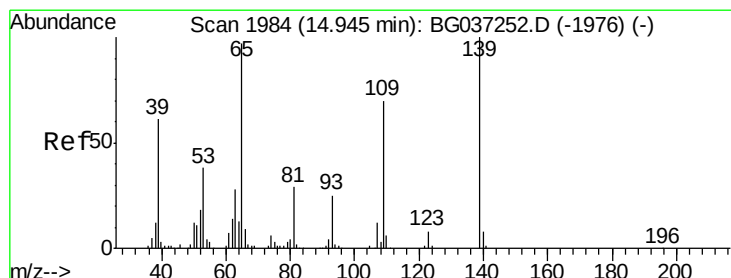
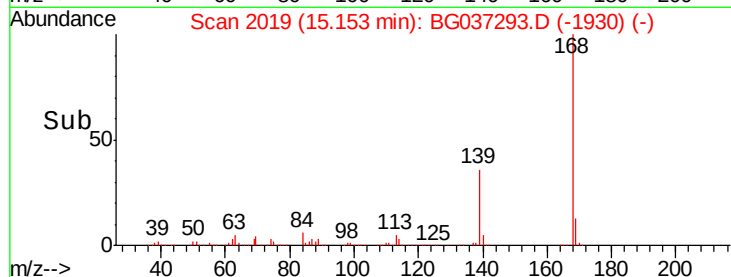
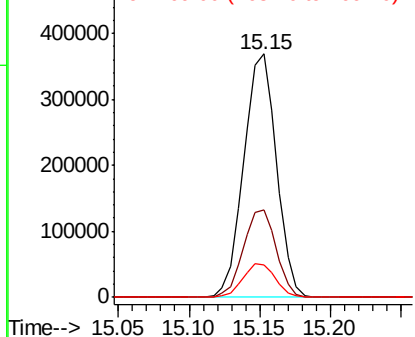


Abundance

Ion 168.00 (167.70 to 168.70): E

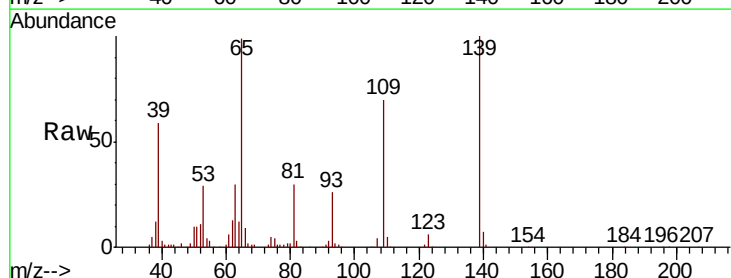
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 102.496 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.2	49.5	89.5
65	99.2	76.8	116.8

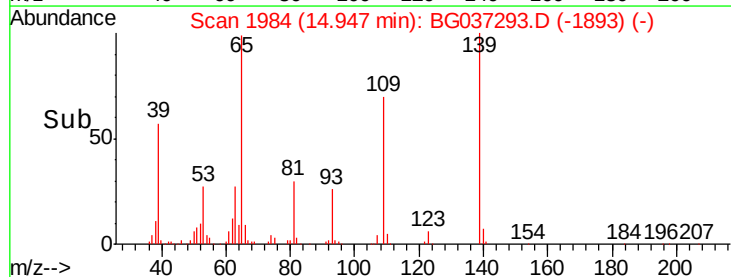
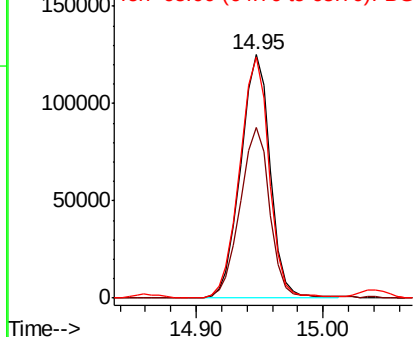


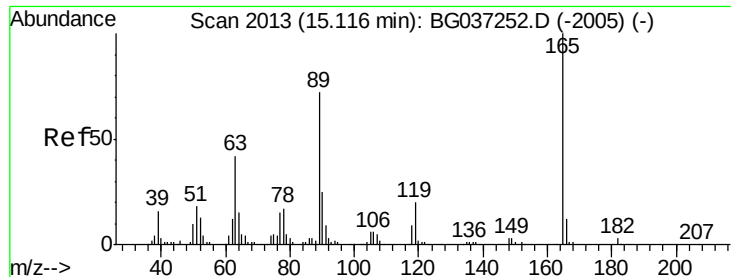
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

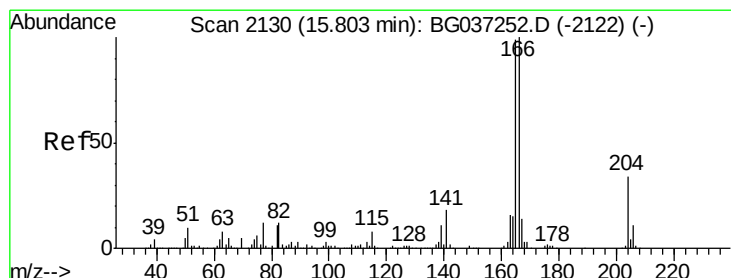
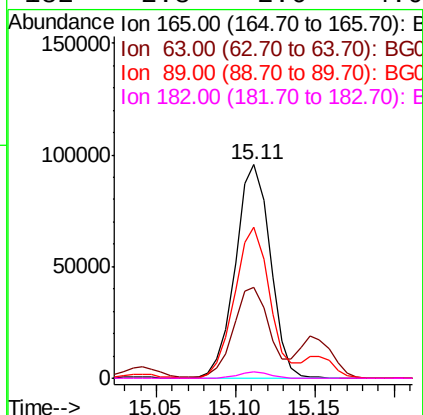
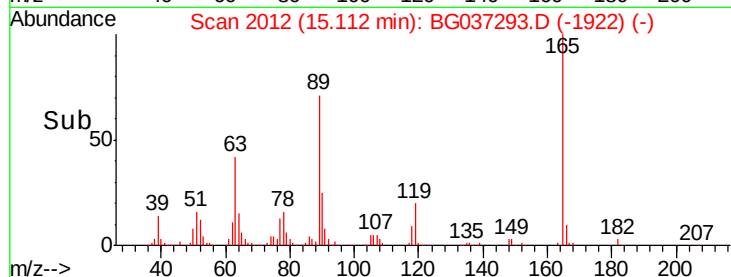
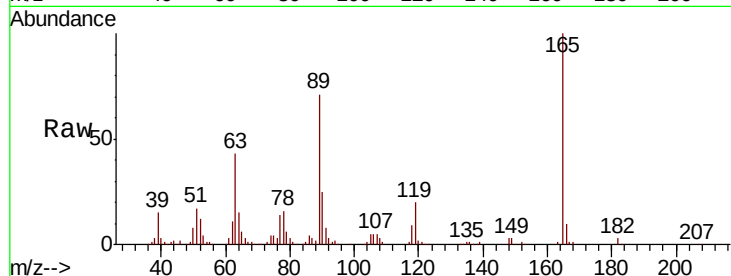




#57
2,4-Dinitrotoluene
Concen: 48.969 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

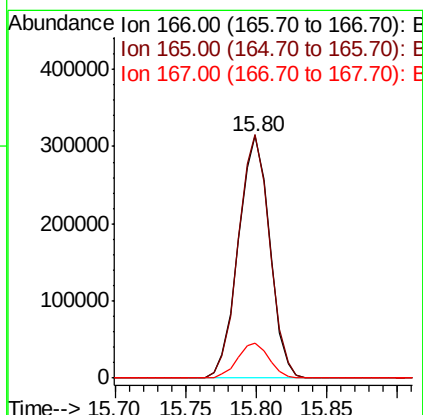
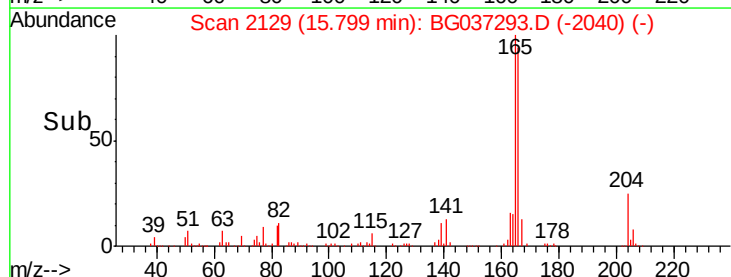
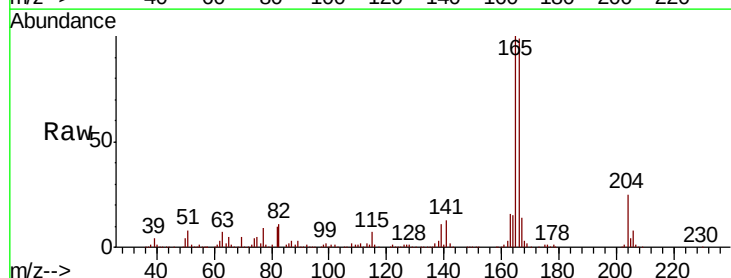
Instrument :
BNA_G
ClientSampled :

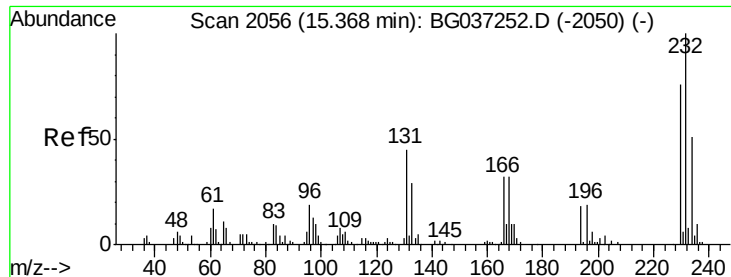
Tot Ion:165 Resp: 146521
Ion Ratio Lower Upper
165 100
63 42.6 33.4 50.0
89 70.5 57.2 85.8
182 2.8 2.6 4.0



#58
Fluorene
Concen: 43.770 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:166 Resp: 487209
Ion Ratio Lower Upper
166 100
165 100.6 79.0 118.6
167 14.3 11.3 16.9

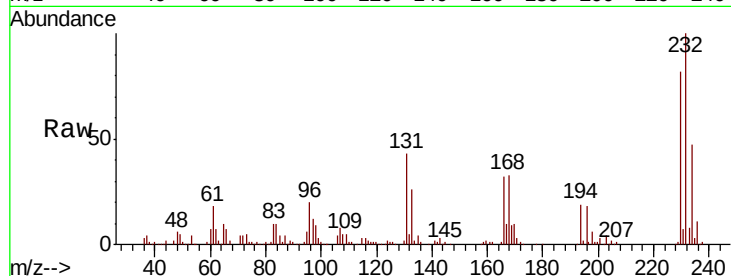




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.566 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.7	50.5
130	2.6	2.1	3.1
166	31.8	24.6	36.8



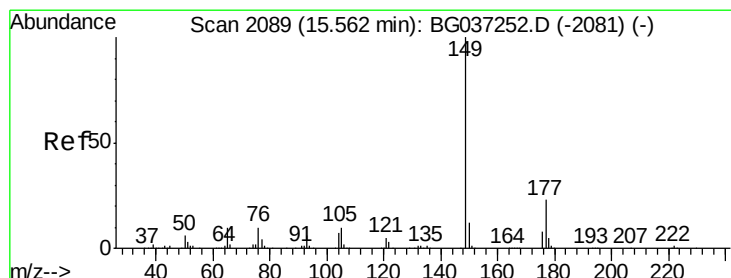
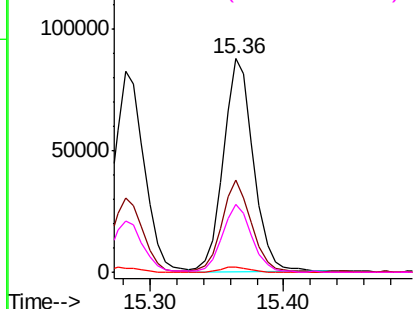
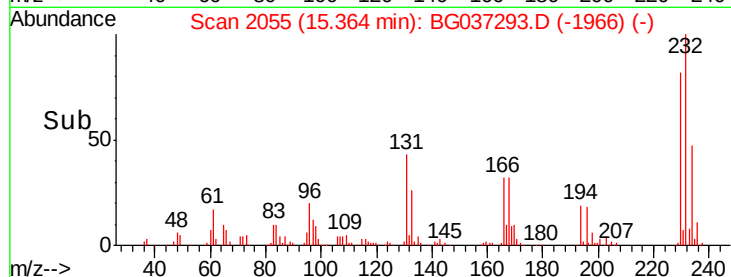
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

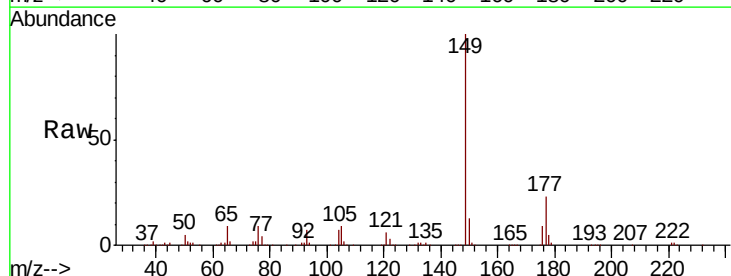
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.491 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.7	10.0	15.0

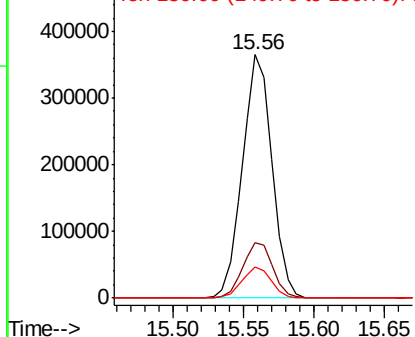
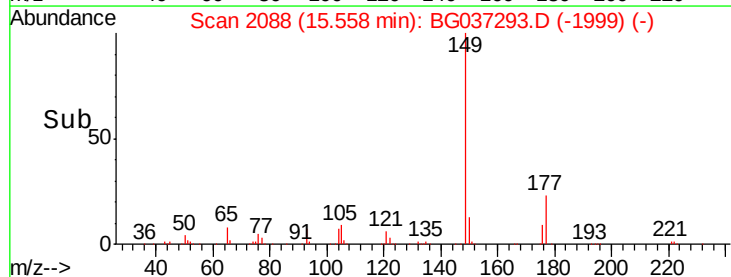


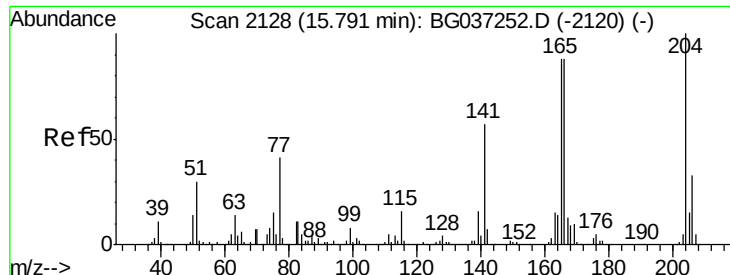
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

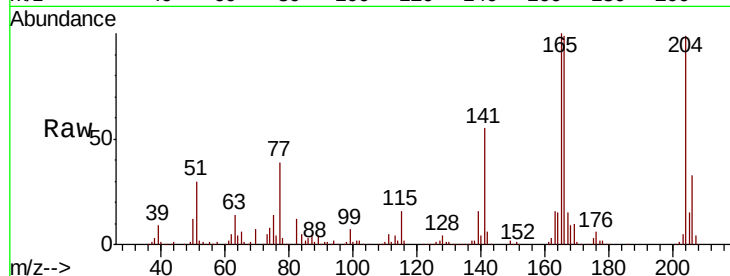




#61
 4-Chlorophenyl-phenylether
 Concen: 39.289 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	54.8	45.4	68.2

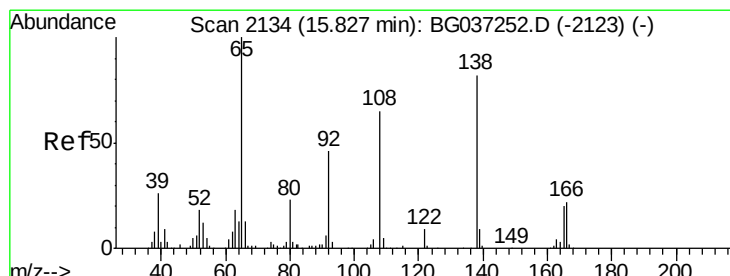
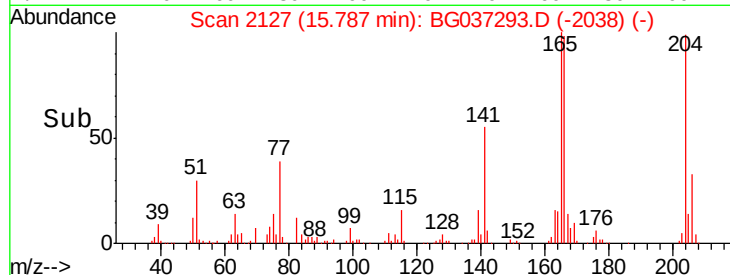
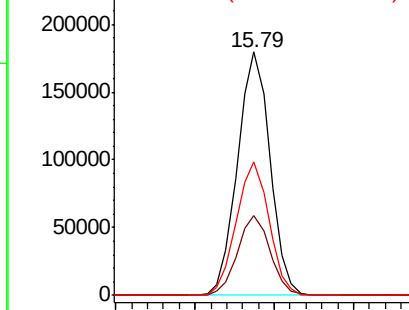


Abundance

Ion 204.00 (203.70 to 204.70): E

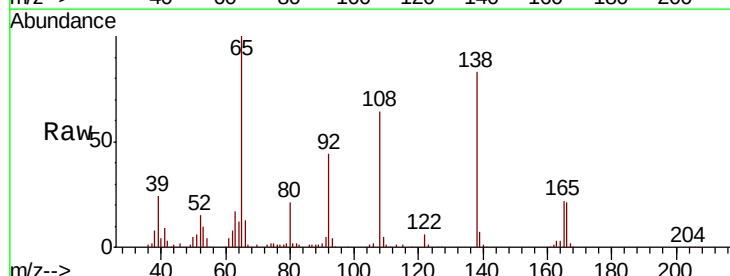
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 46.764 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG037293.D
 Acq: 12 Oct 2018 16:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.3	36.4	76.4
108	77.7	60.1	100.1

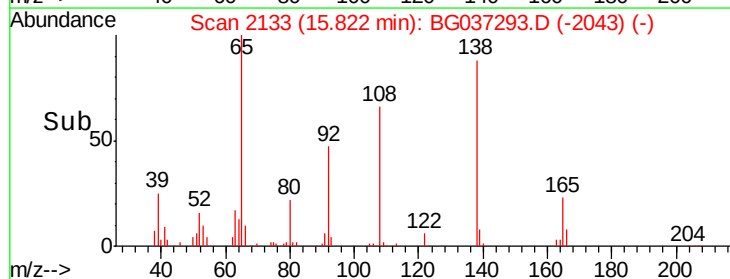
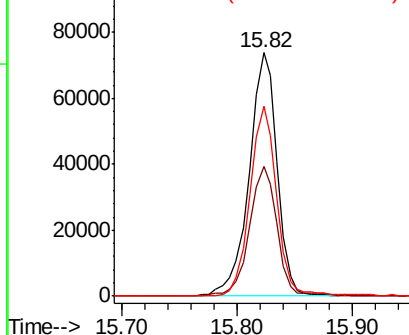


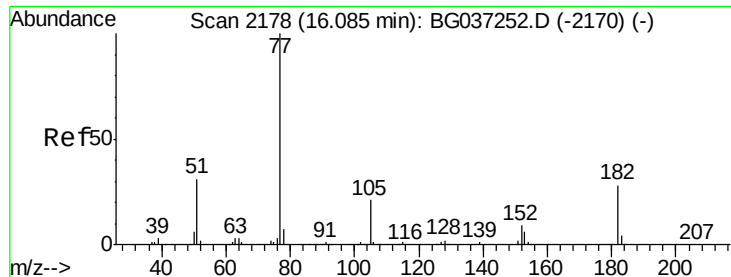
Abundance

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

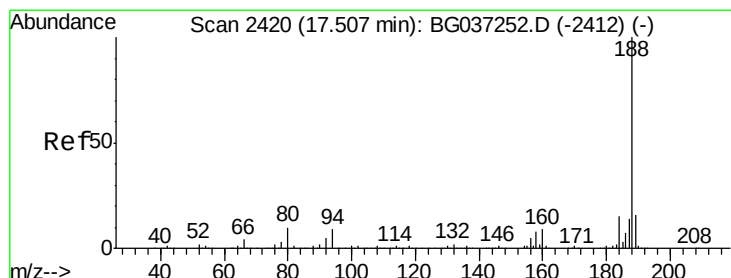
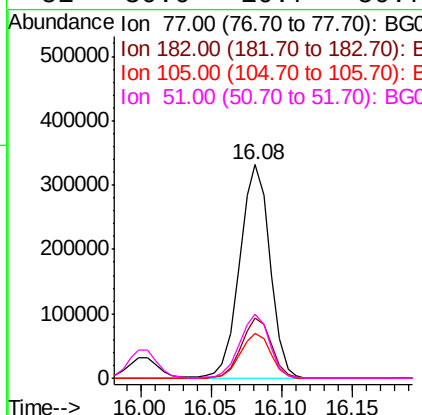
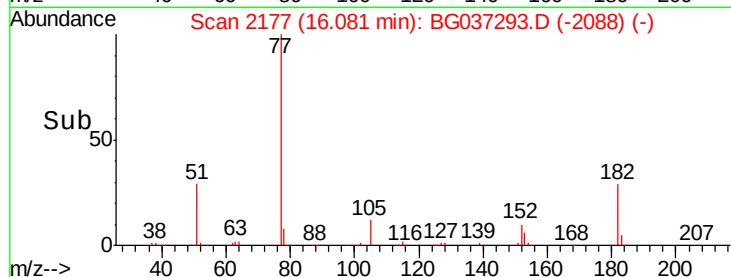
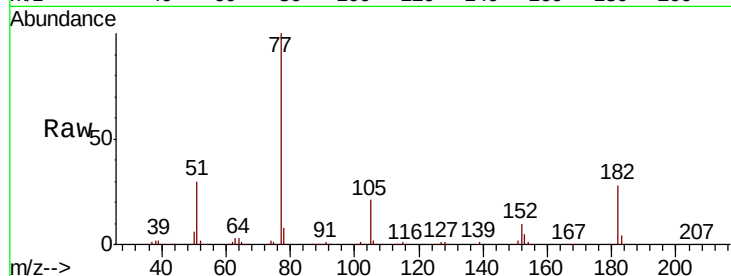




#63
Azobenzene
Concen: 40.967 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

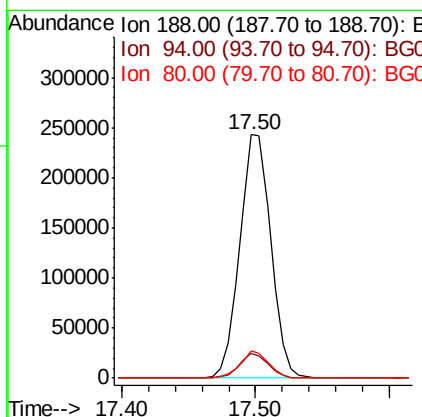
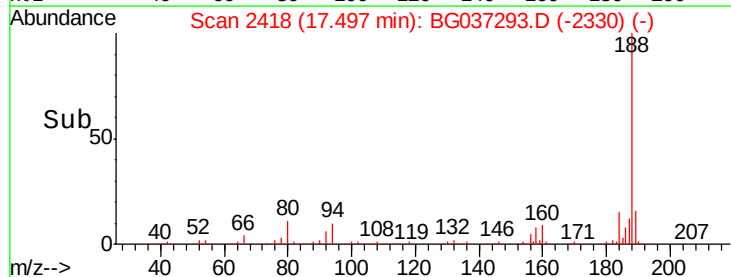
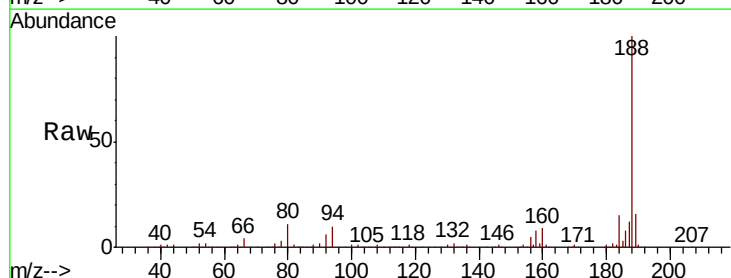
Instrument :
BNA_G
ClientSampleId :

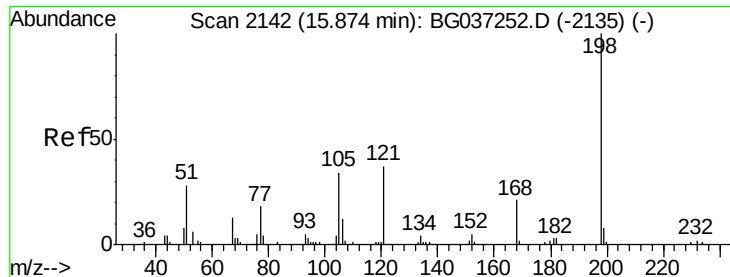
Tot Ion:	77	Resp:	494192
Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.0	48.0
105	21.2	1.3	41.3
51	30.0	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:	188	Resp:	390219
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	11.1	7.7	11.5

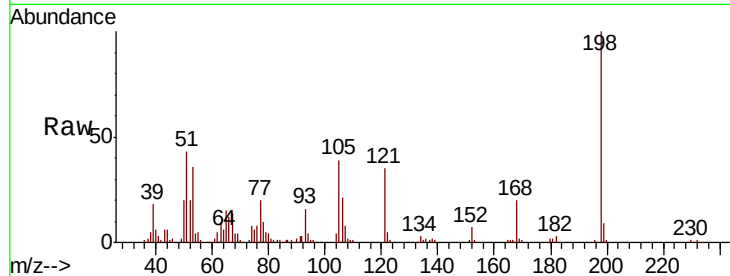




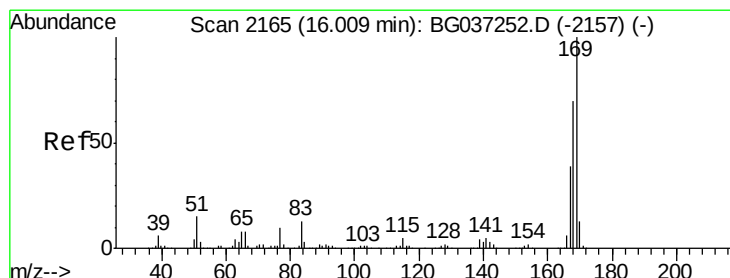
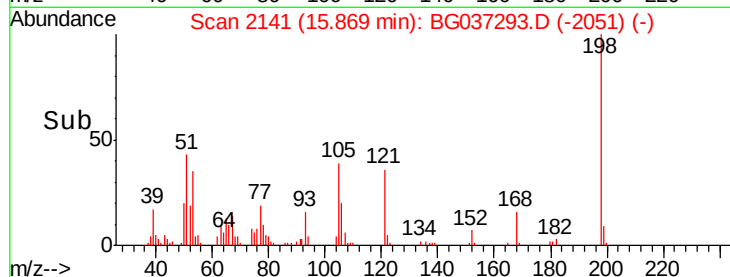
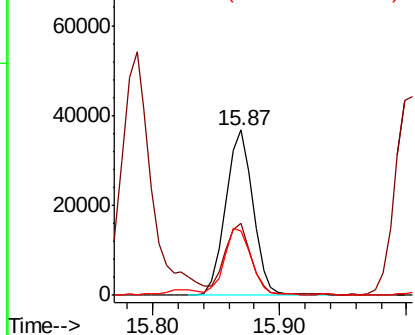
#65
4,6-Dinitro-2-methylphenol
Concen: 45.142 ng
RT: 15.87 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 54644
Ion Ratio Lower Upper
198 100
51 43.4 22.7 62.7
105 39.3 19.7 59.7

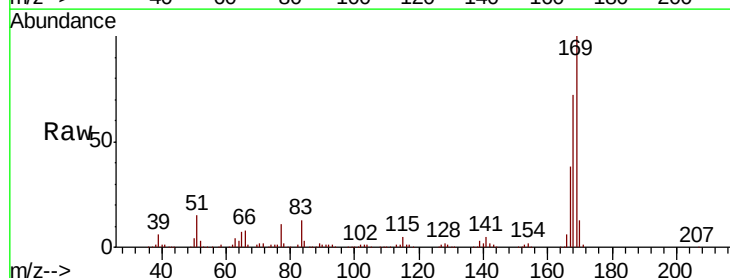


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

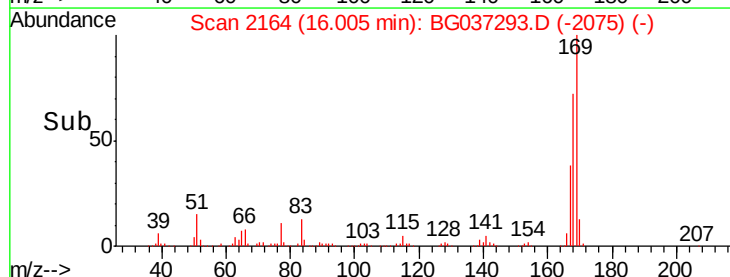
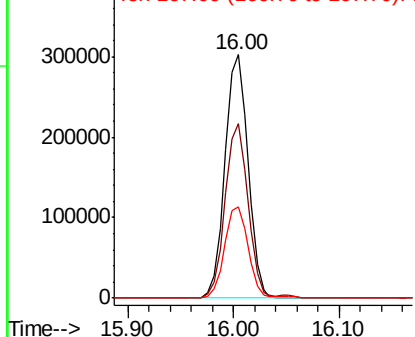


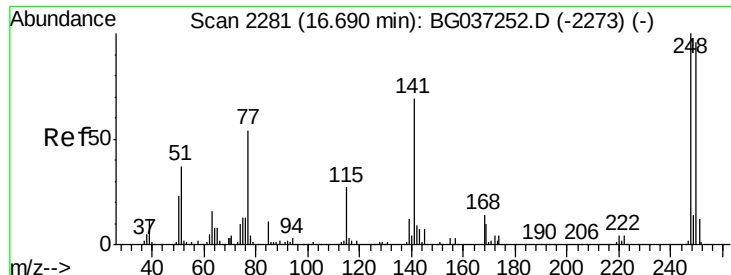
#66
n-Nitrosodiphenylamine
Concen: 39.830 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:169 Resp: 456429
Ion Ratio Lower Upper
169 100
168 71.8 55.7 83.5
167 37.5 31.3 46.9



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

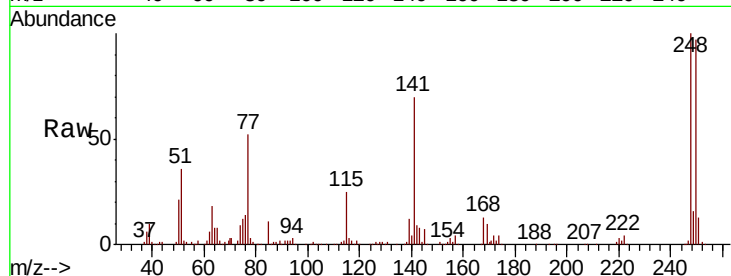




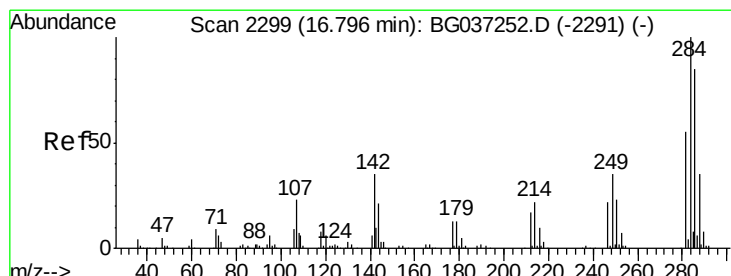
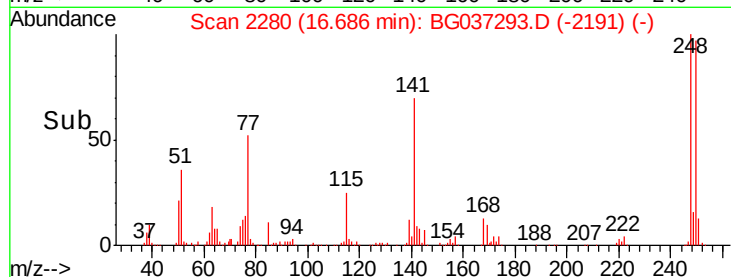
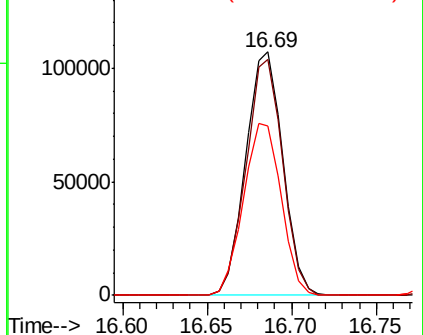
#67
4-Bromophenyl-phenylether
Concen: 38.823 ng
RT: 16.69 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 163502
Ion Ratio Lower Upper
248 100
250 97.0 77.0 115.6
141 69.6 55.5 83.3

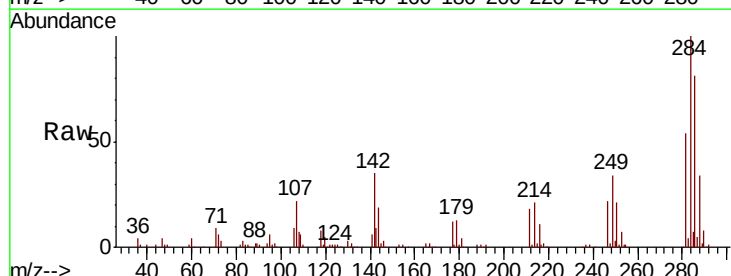


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

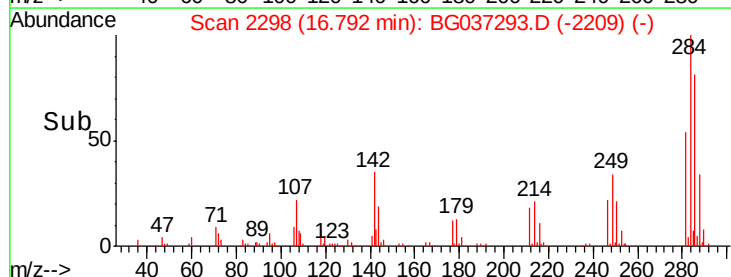
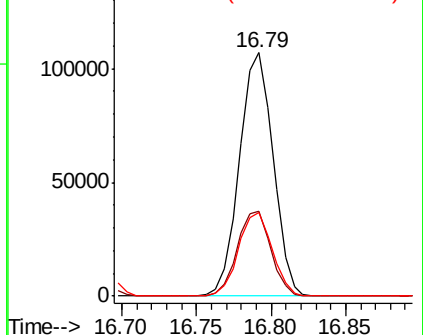


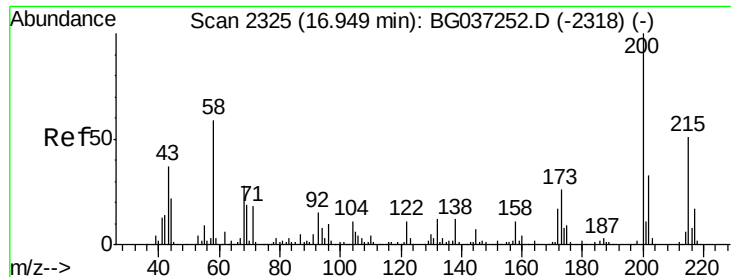
#68
Hexachlorobenzene
Concen: 38.469 ng
RT: 16.79 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:284 Resp: 167974
Ion Ratio Lower Upper
284 100
142 35.0 28.1 42.1
249 36.9 29.8 44.8



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

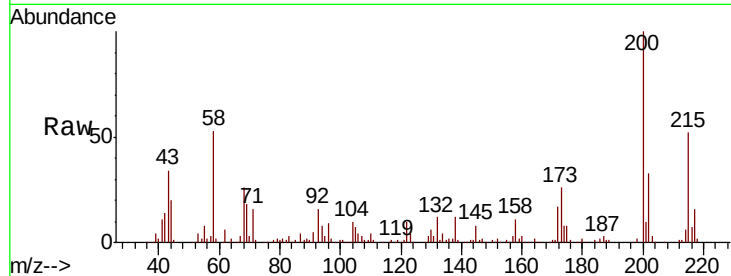




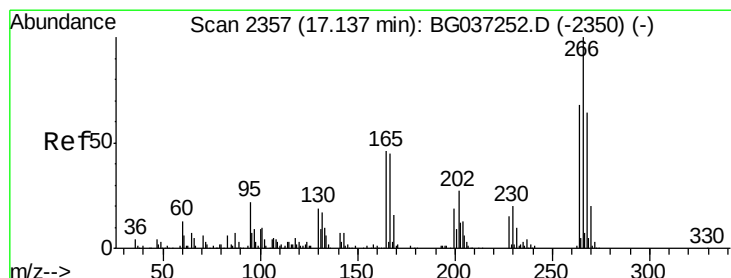
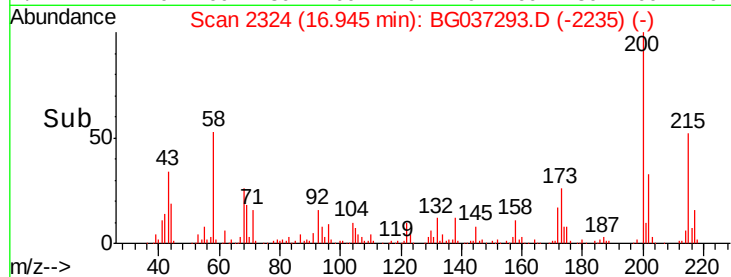
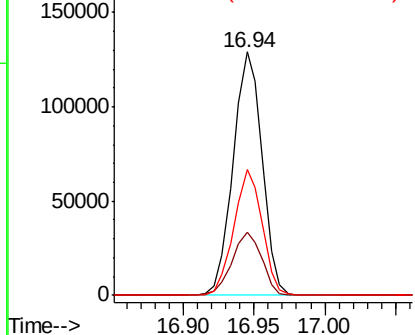
#69
Atrazine
Concen: 43.259 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 184249
Ion Ratio Lower Upper
200 100
173 25.8 6.1 46.1
215 51.8 30.8 70.8

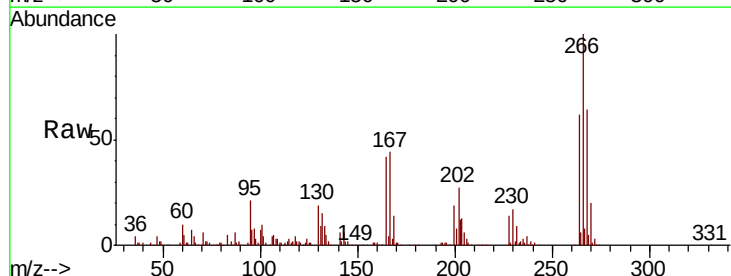


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

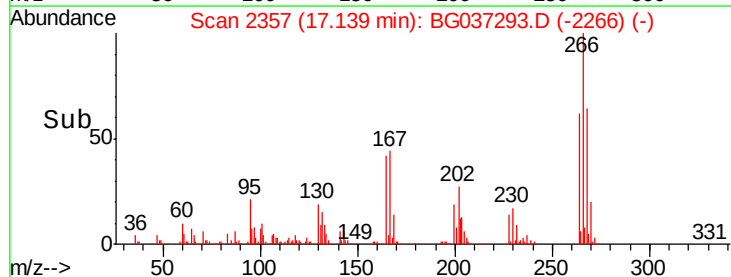
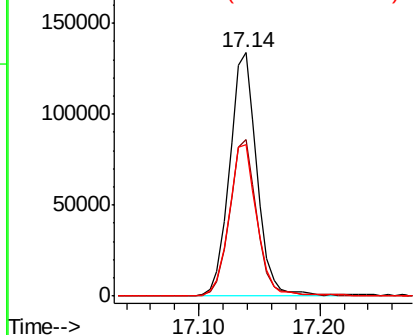


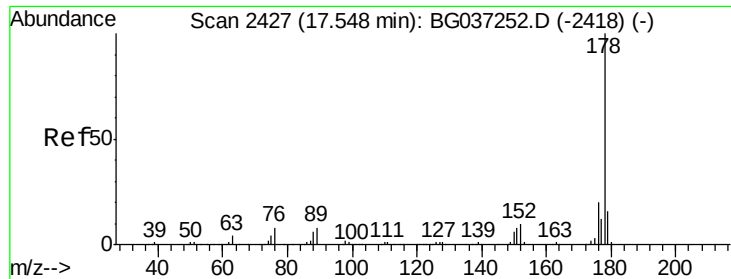
#70
Pentachlorophenol
Concen: 74.751 ng
RT: 17.14 min Scan# 2357
Delta R.T. 0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:266 Resp: 210588
Ion Ratio Lower Upper
266 100
268 68.9 55.0 82.6
264 67.9 58.9 88.3



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

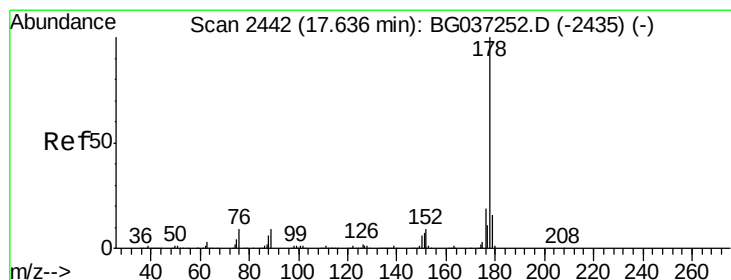
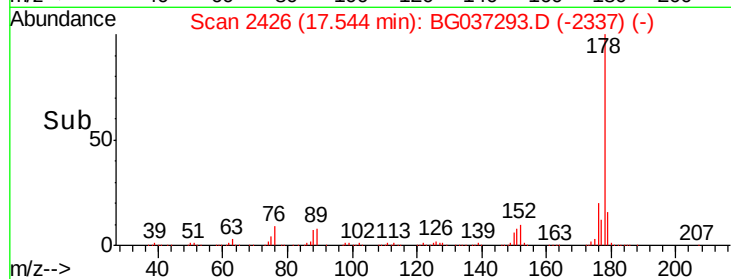
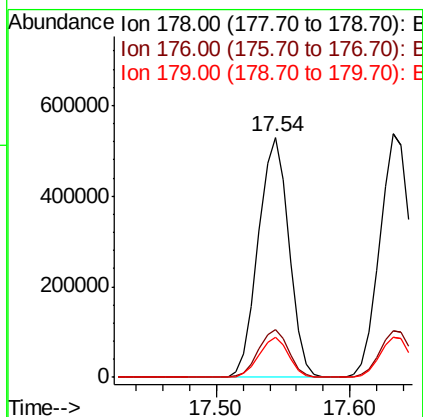
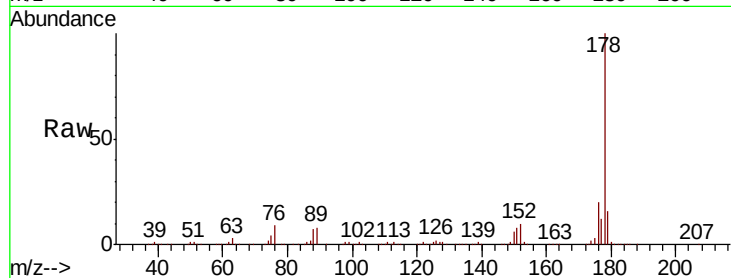




#71
Phenanthrene
Concen: 42.198 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

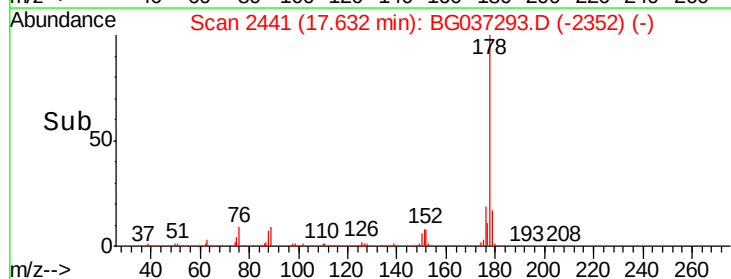
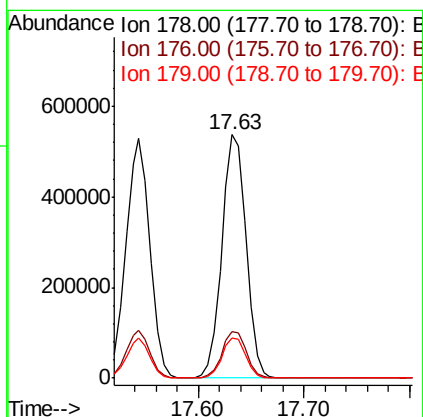
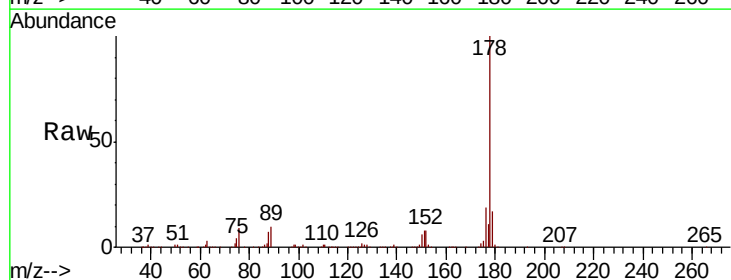
Instrument :
BNA_G
ClientSampleId :

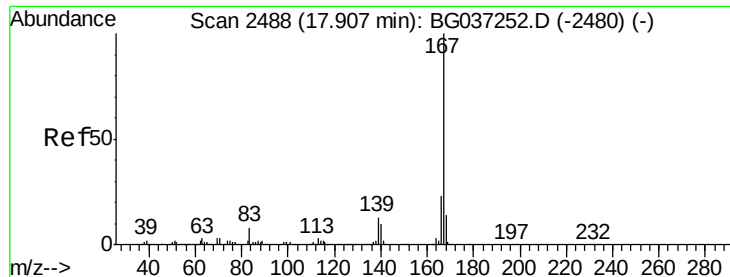
Tot Ion:178 Resp: 838216
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.5 13.0 19.4



#72
Anthracene
Concen: 43.796 ng
RT: 17.63 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:178 Resp: 851497
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 16.5 12.8 19.2





#73

Carbazole

Concen: 40.148 ng

RT: 17.90 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

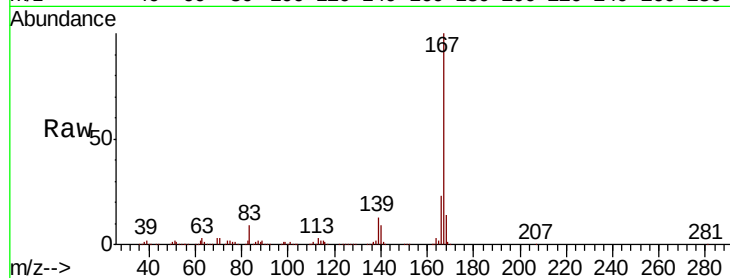
Tot Ion:167 Resp: 804255

Ion Ratio Lower Upper

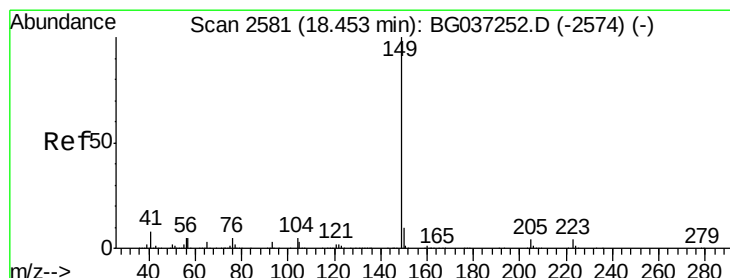
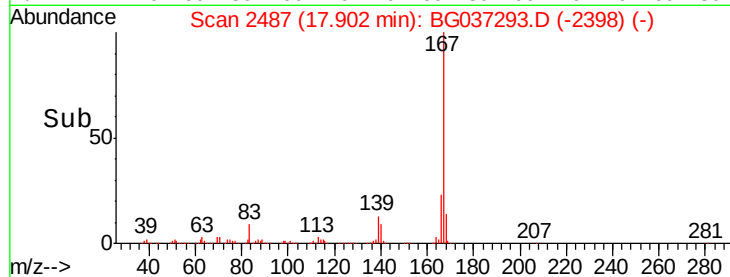
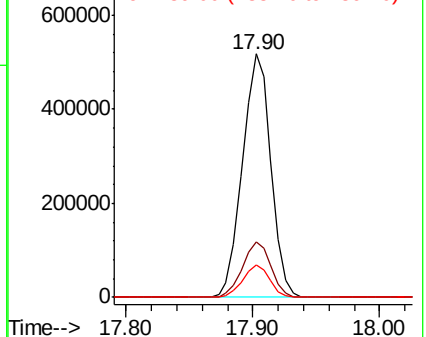
167 100

166 22.7 18.3 27.5

139 13.1 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.131 ng

RT: 18.45 min Scan# 2580

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

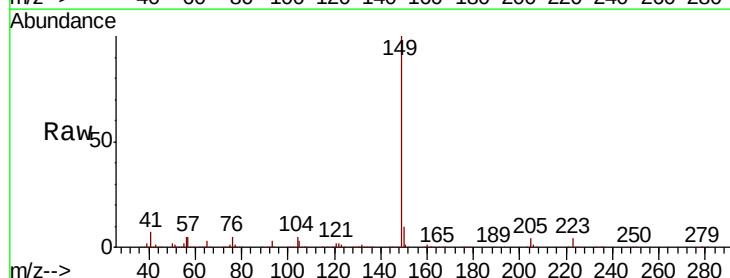
Tgt Ion:149 Resp: 947532

Ion Ratio Lower Upper

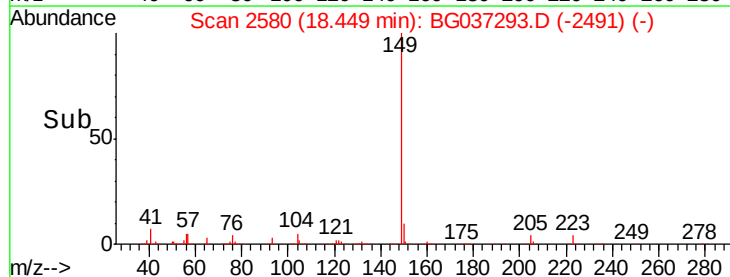
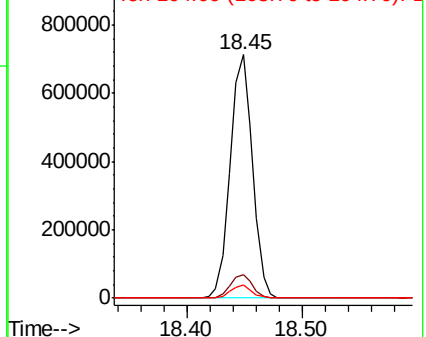
149 100

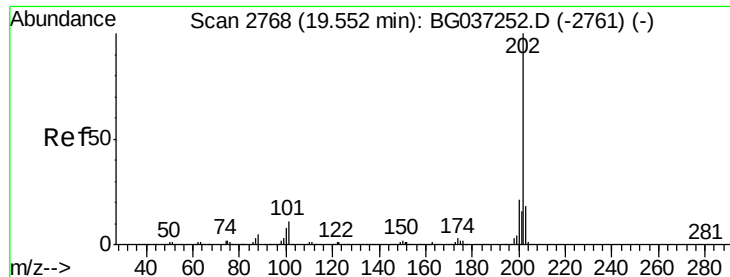
150 9.9 8.2 12.2

104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.050 ng

RT: 19.55 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

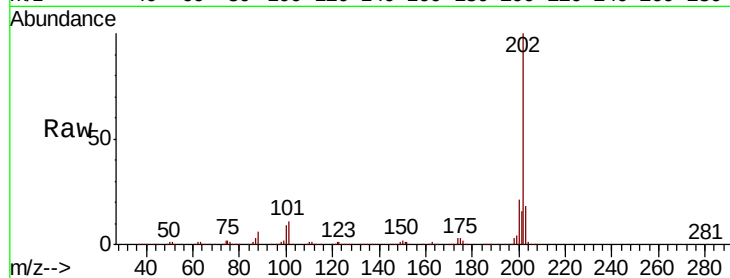
Tot Ion:202 Resp: 1022673

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.7

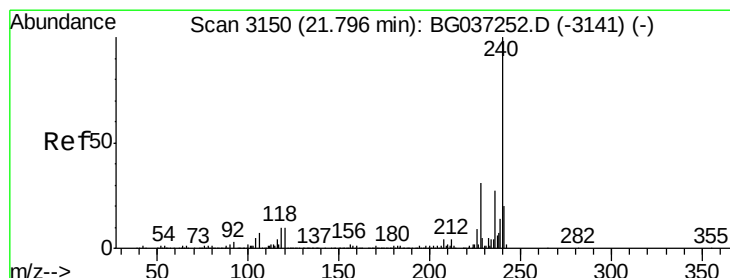
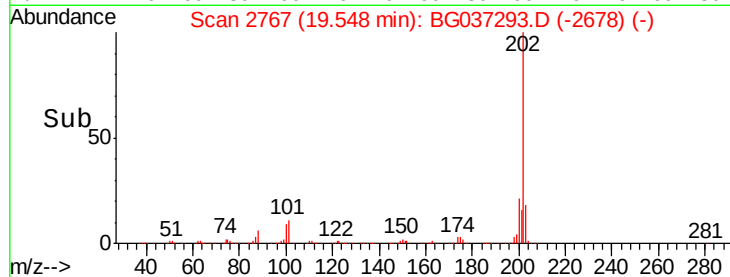
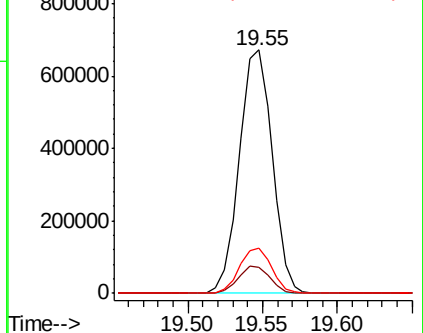
203 18.5 0.0 38.5



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: 21.79 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

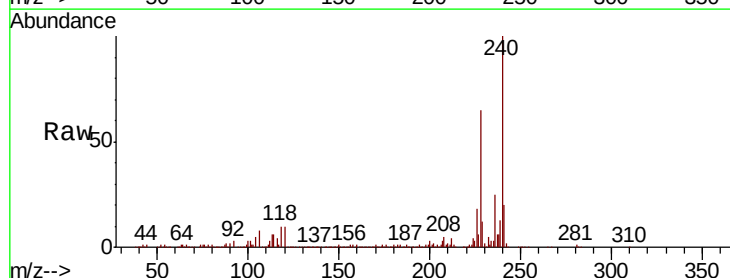
Tgt Ion:240 Resp: 366764

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

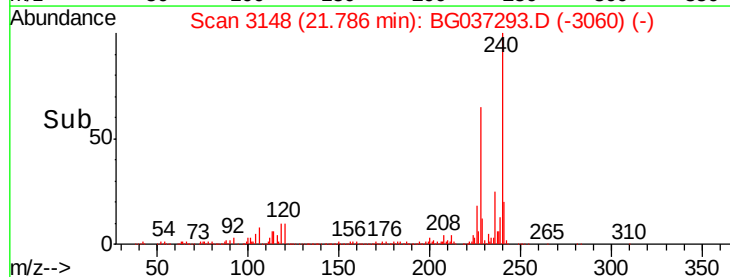
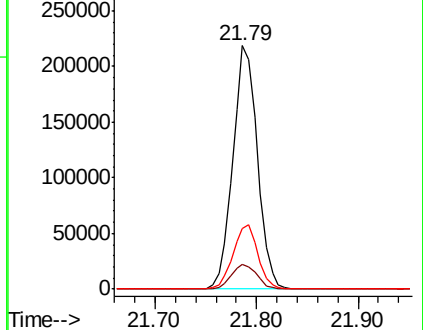
236 25.0 21.4 32.0

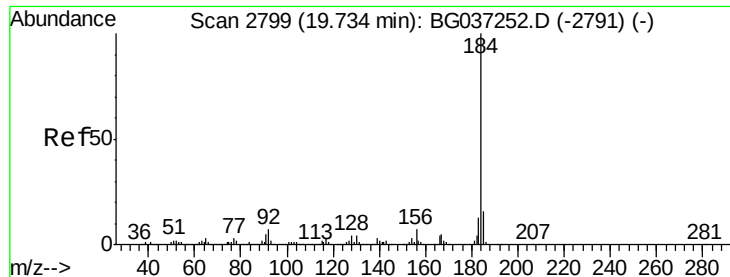


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.931 ng

RT: 19.73 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

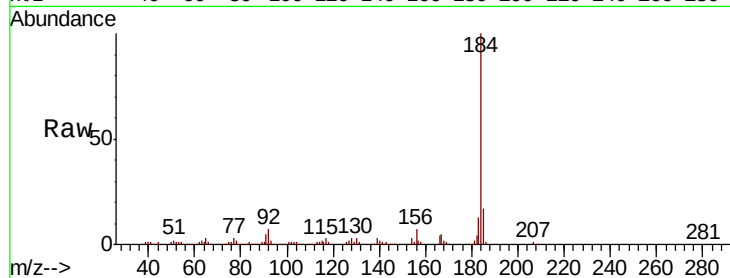
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 518175

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.6	18.8
183	12.8	10.2	15.2

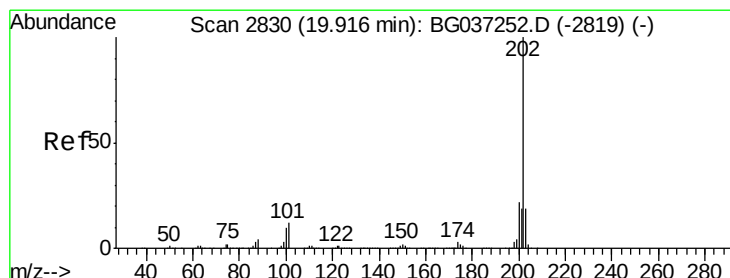
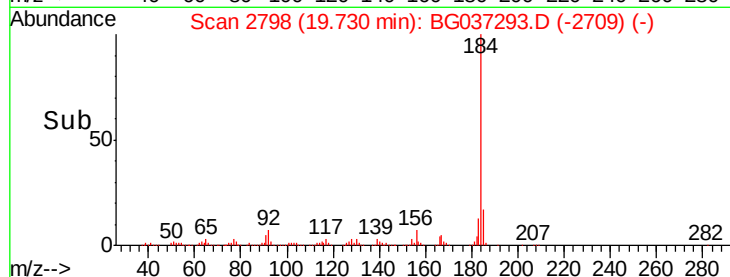
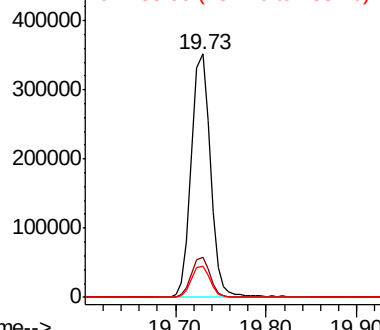


Abundance

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: 42.078 ng

RT: 19.91 min Scan# 2828

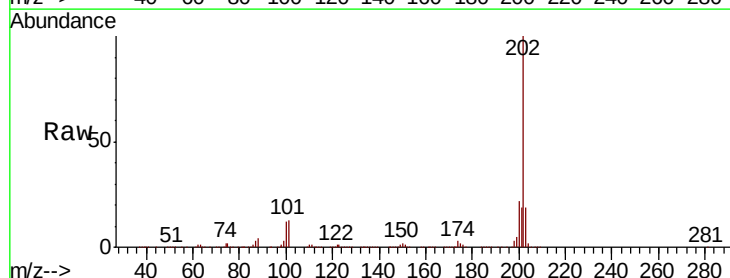
Delta R.T. -0.01 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Tgt Ion:202 Resp: 1005811

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.8	26.6
203	19.4	15.2	22.8

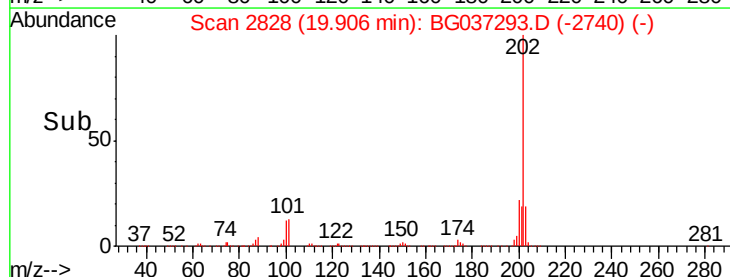
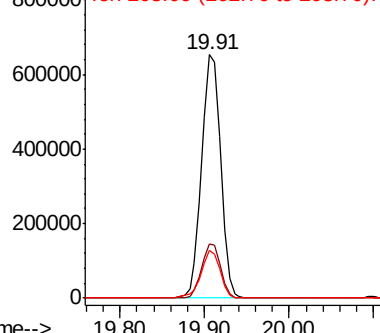


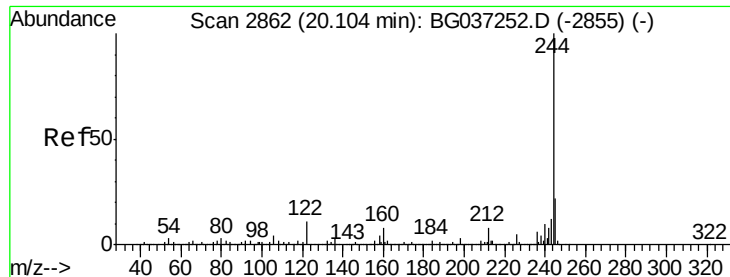
Abundance

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: 61.024 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

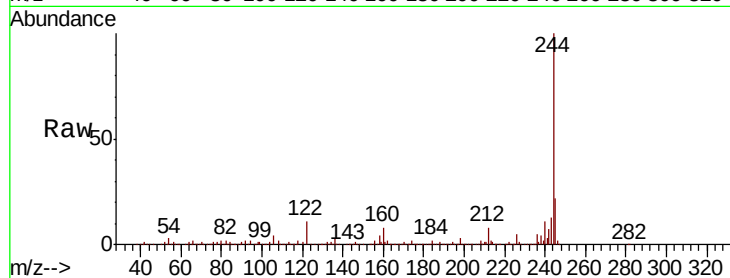
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1065906

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.8	9.0	13.4

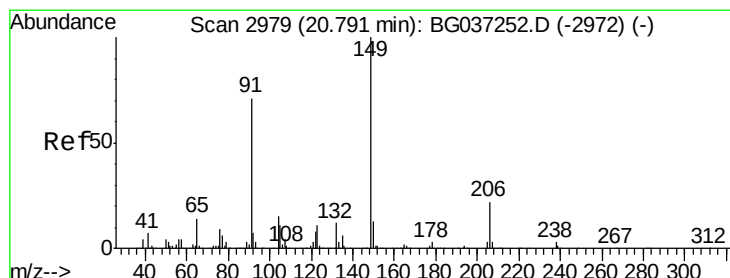
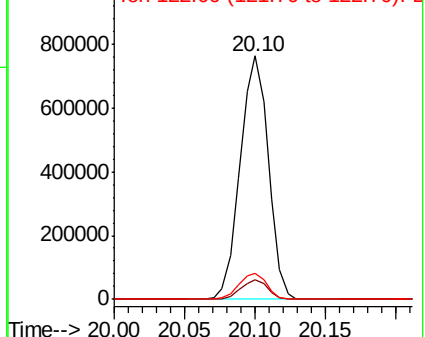
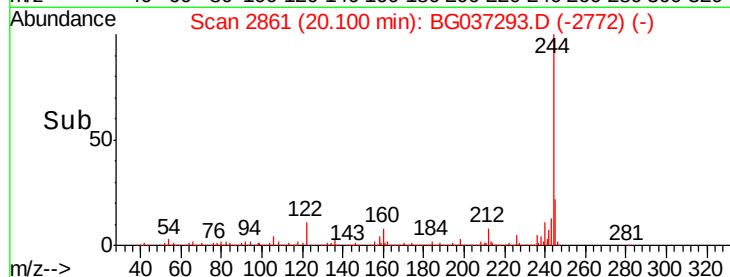


Abundance

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: 45.881 ng

RT: 20.79 min Scan# 2978

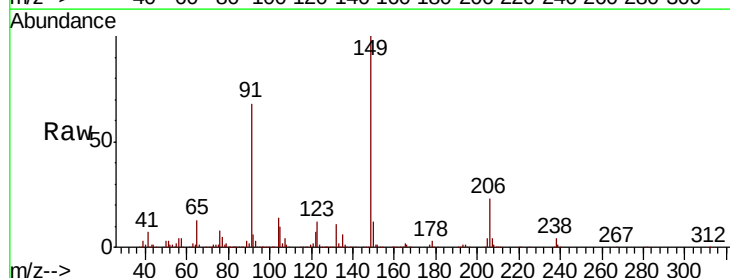
Delta R.T. -0.00 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Tgt Ion:149 Resp: 426696

Ion	Ratio	Lower	Upper
149	100		
91	68.2	57.0	85.4
206	22.9	17.8	26.6

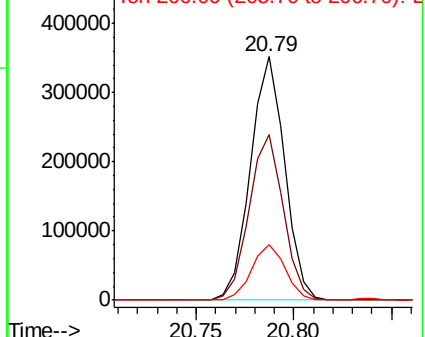
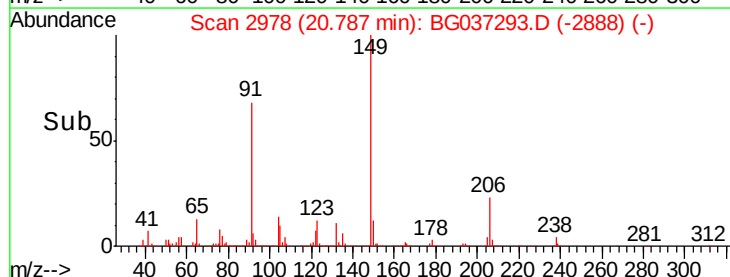


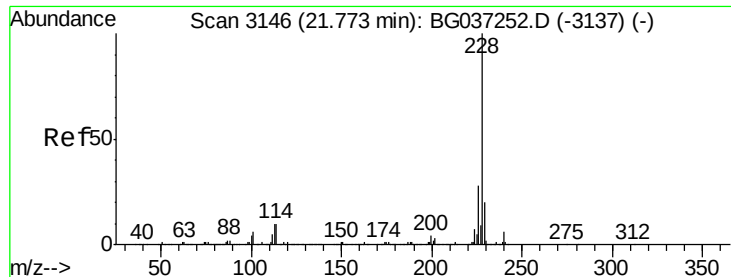
Abundance

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

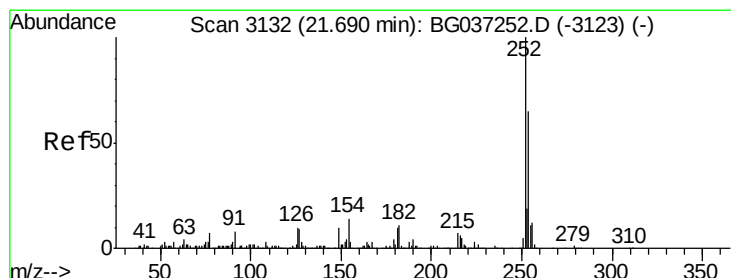
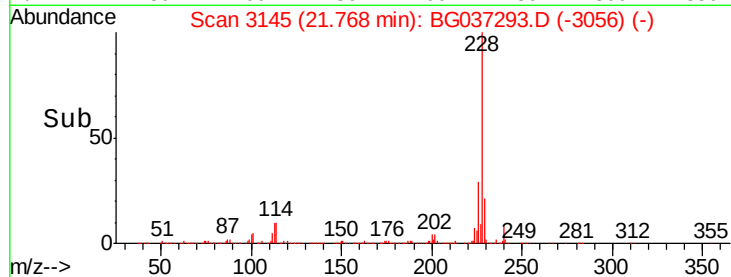
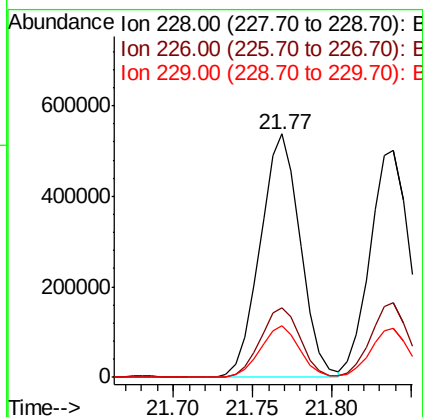
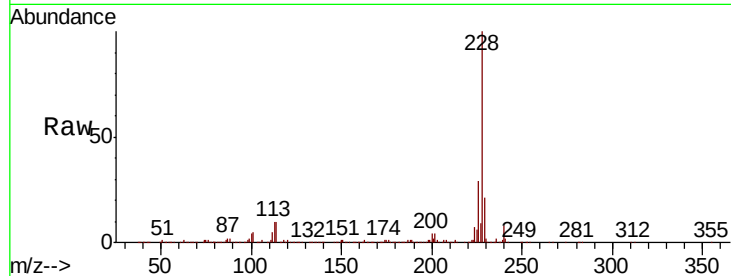




#81
Benzo(a)anthracene
Concen: 43.028 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

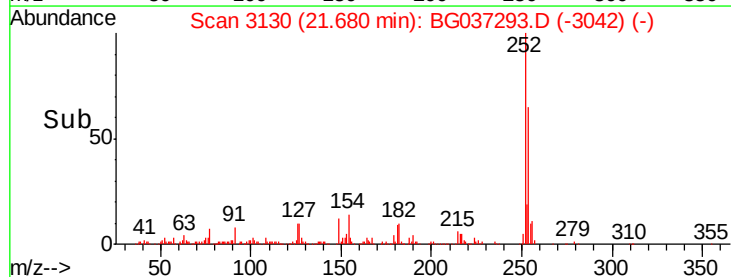
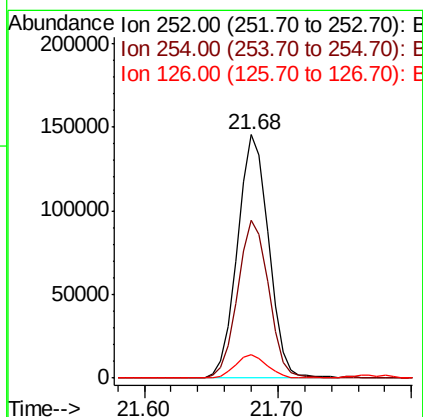
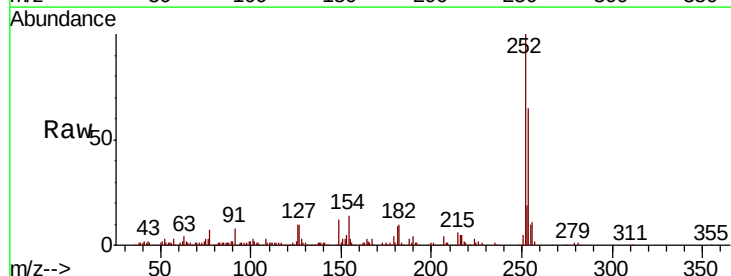
Instrument :
BNA_G
ClientSampleId :

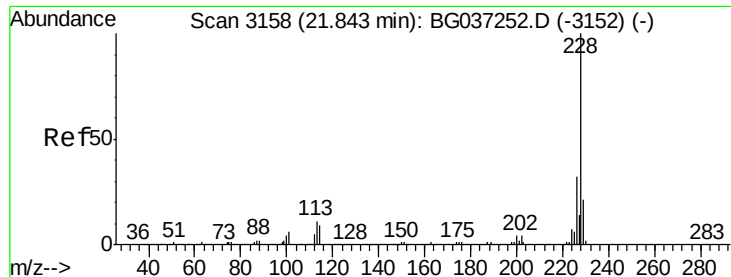
Tot Ion:228 Resp: 945146
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 21.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 27.777 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion:252 Resp: 235366
Ion Ratio Lower Upper
252 100
254 64.8 52.0 78.0
126 9.9 8.2 12.4

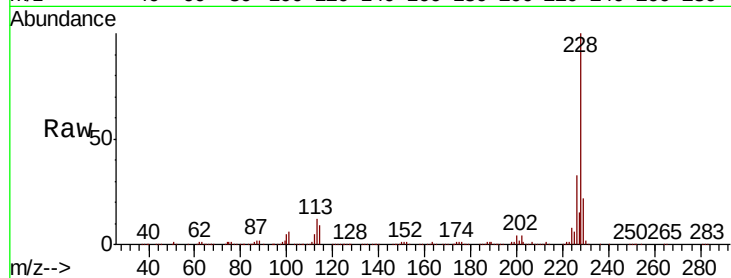




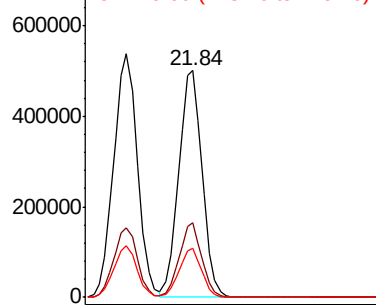
#83
Chrysene
Concen: 41.734 ng
RT: 21.84 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :

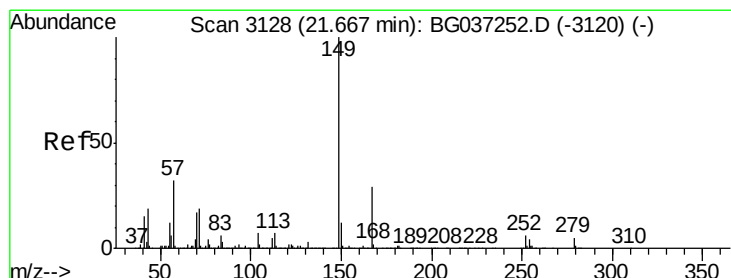
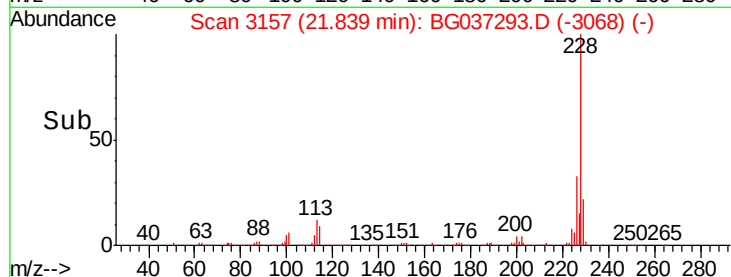
Tot Ion:228 Resp: 874462
Ion Ratio Lower Upper
228 100
226 32.8 25.7 38.5
229 21.8 16.5 24.7



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

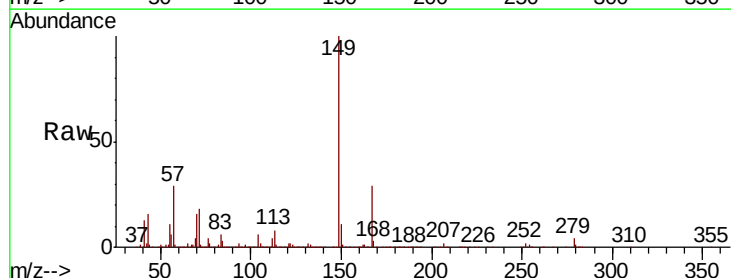


Time-->

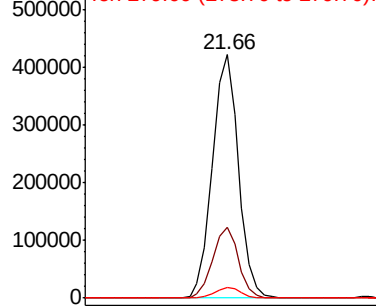


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.771 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

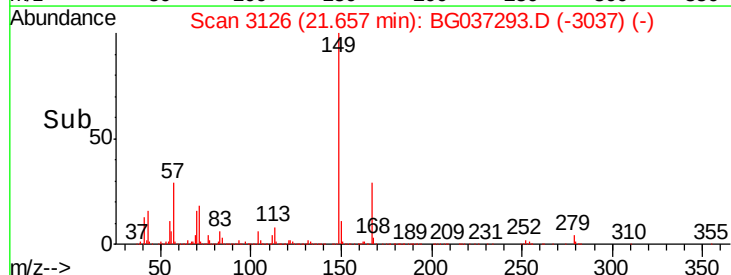
Tgt Ion:149 Resp: 597895
Ion Ratio Lower Upper
149 100
167 29.2 23.0 34.4
279 4.5 3.6 5.4

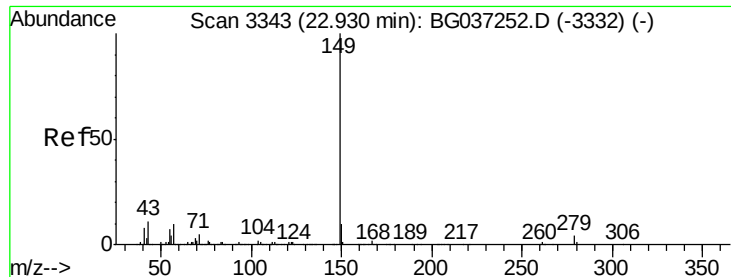


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 46.302 ng

RT: 22.91 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

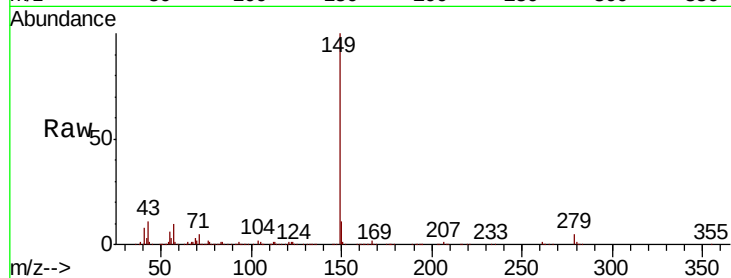
Tot Ion:149 Resp: 1003617

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

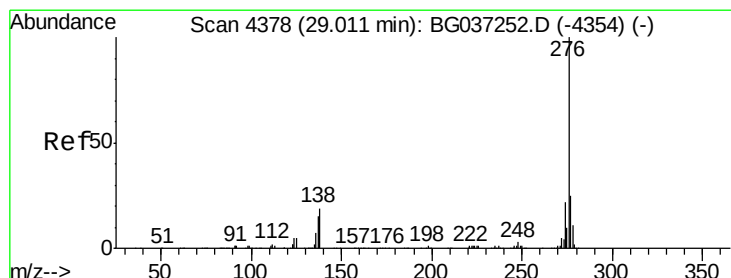
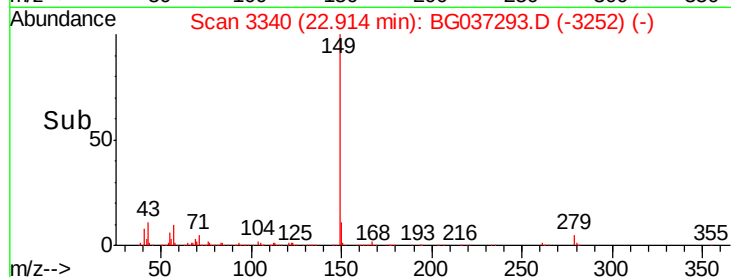
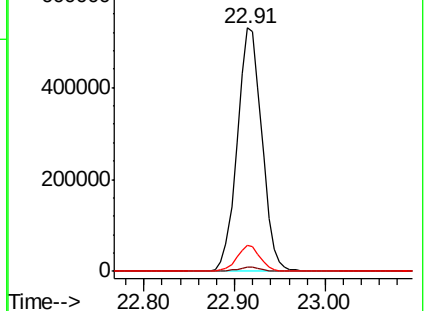
43 10.3 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.074 ng

RT: 28.98 min Scan# 4373

Delta R.T. -0.03 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

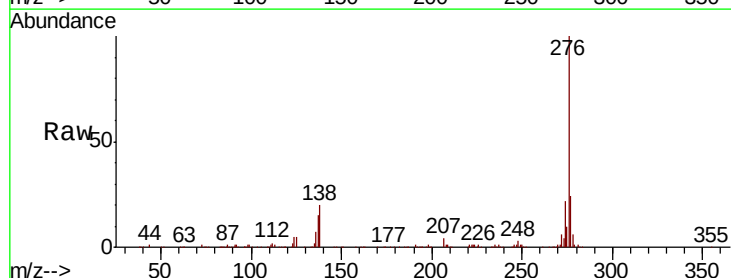
Tgt Ion:276 Resp: 1046855

Ion Ratio Lower Upper

276 100

138 17.3 12.0 18.0

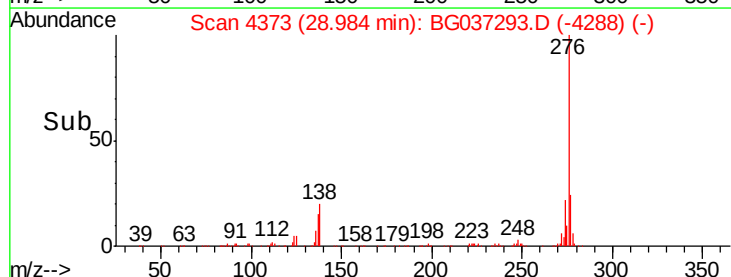
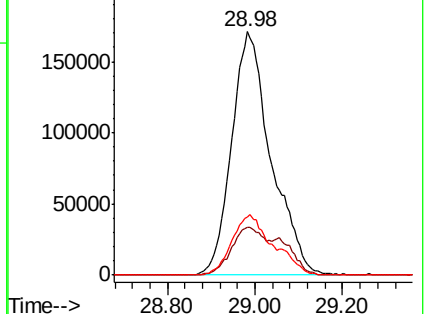
277 26.0 20.6 30.8

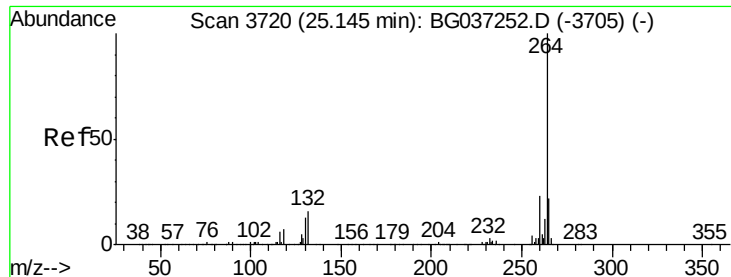


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

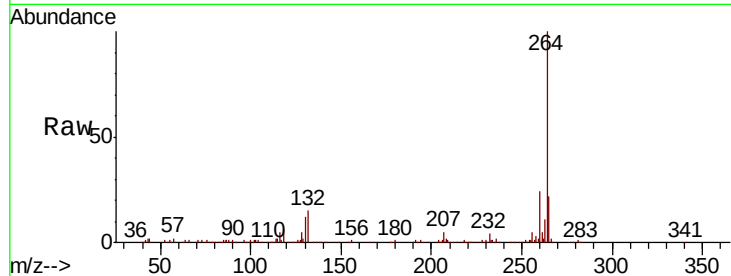
Tot Ion:264 Resp: 384604

Ion Ratio Lower Upper

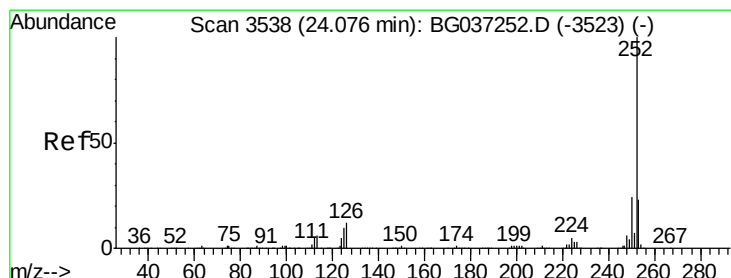
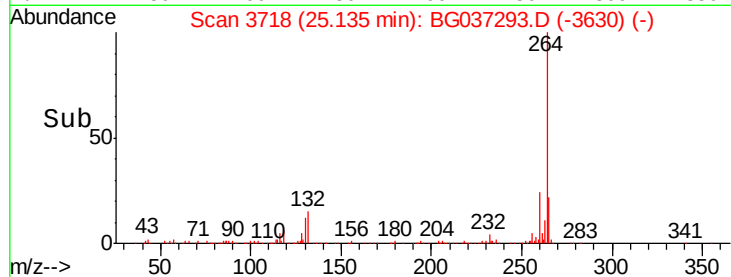
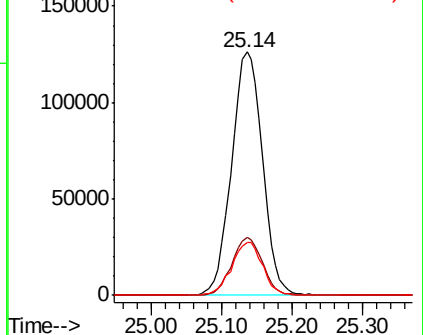
264 100

260 23.8 18.2 27.4

265 21.7 17.9 26.9



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



#88

Benzo(b)fluoranthene

Concen: 44.866 ng

RT: 24.07 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

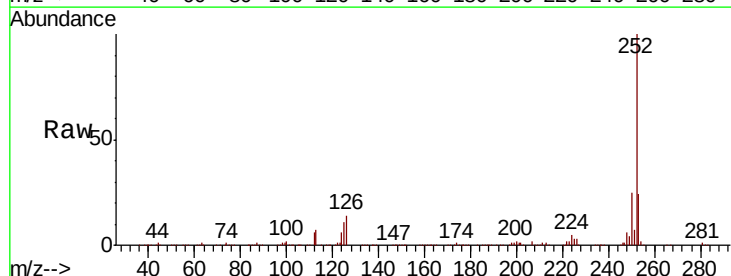
Tgt Ion:252 Resp: 938146

Ion Ratio Lower Upper

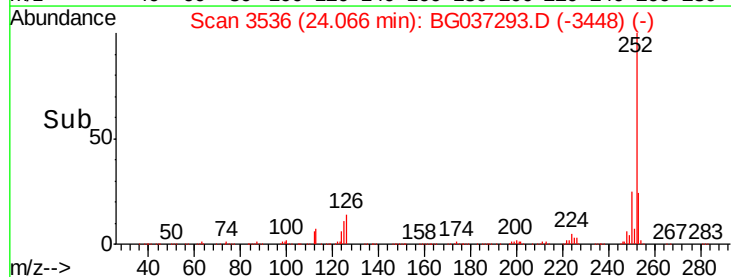
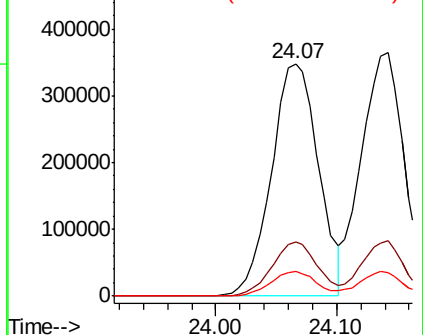
252 100

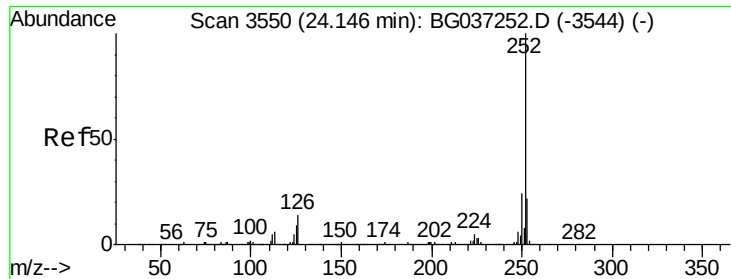
253 23.5 18.2 27.2

125 10.7 7.8 11.6



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

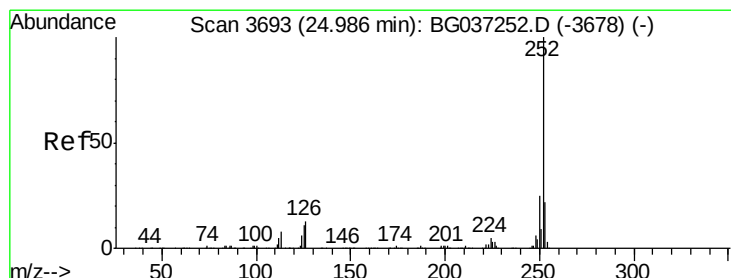
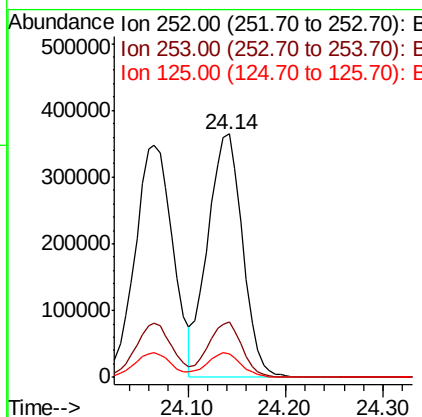
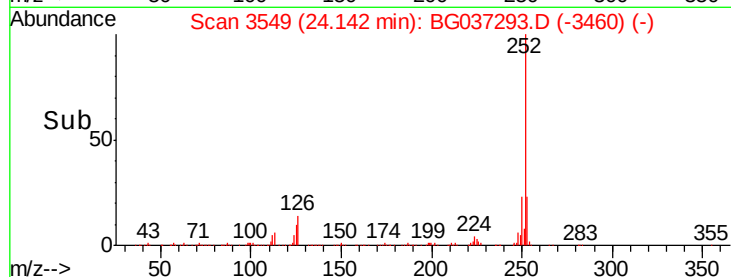
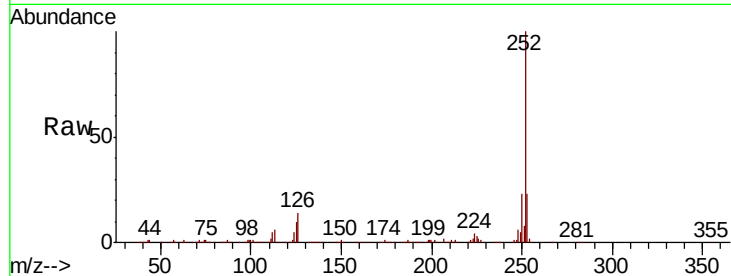




#89
Benzo(k)fluoranthene
Concen: 43.656 ng
RT: 24.14 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

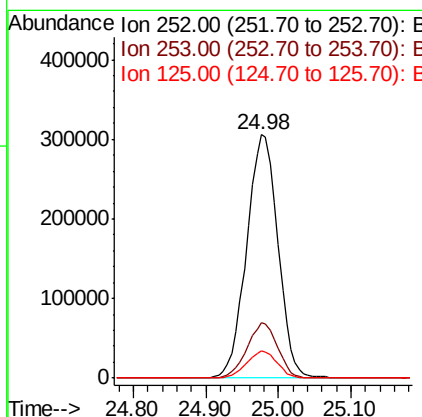
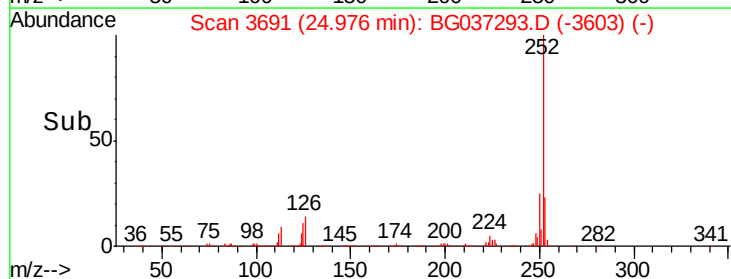
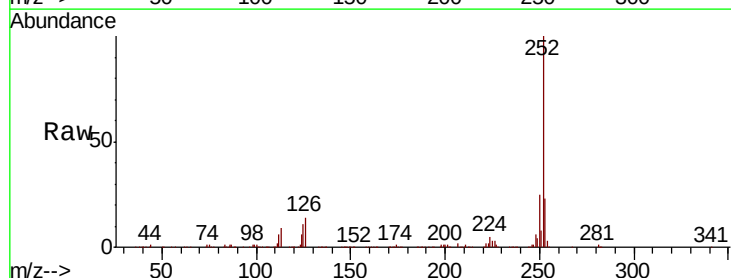
Instrument :
BNA_G
ClientSampleId :

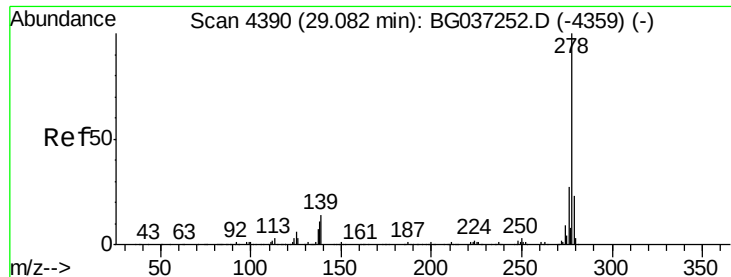
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	9.8	7.4	11.0



#90
Benzo(a)pyrene
Concen: 45.660 ng
RT: 24.98 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG037293.D
Acq: 12 Oct 2018 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	11.0	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 44.512 ng

RT: 29.07 min Scan# 4387

Delta R.T. -0.02 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

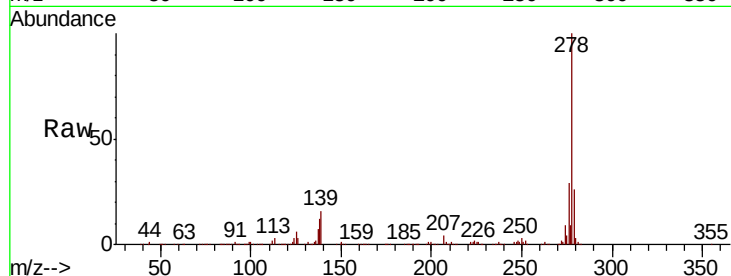
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 853957

Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.5	17.3
279	26.0	18.6	27.8

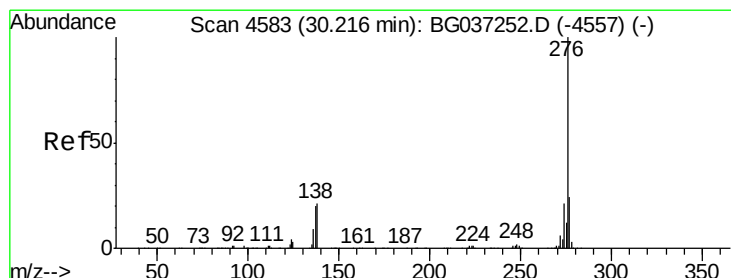
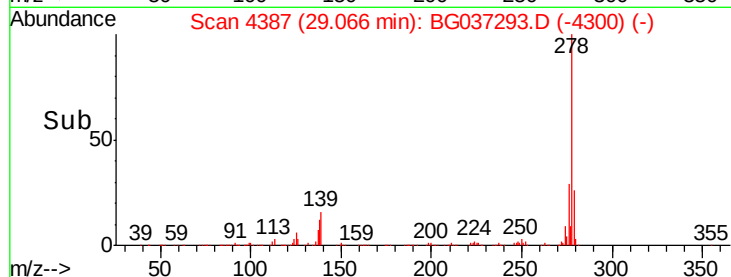
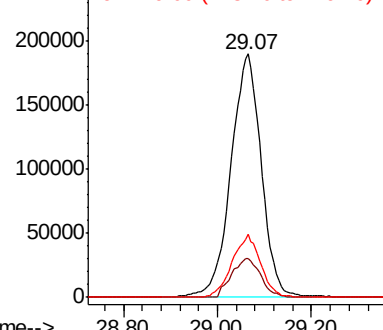


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.578 ng

RT: 30.20 min Scan# 4580

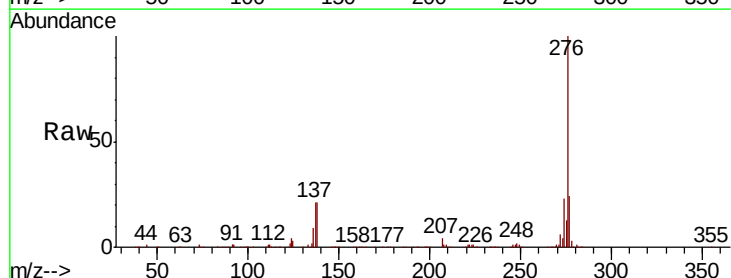
Delta R.T. -0.02 min

Lab File: BG037293.D

Acq: 12 Oct 2018 16:22

Tgt Ion:276 Resp: 873322

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.2	17.2	25.8



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

