

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037549.D
 Acq On : 25 Oct 2018 17:39
 Operator : JU/SJ
 Sample : PB114142BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Quant Time: Oct 26 08:04:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51149	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	225947	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	156478	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	383780	20.00	ng	0.00
76) Chrysene-d12	21.77	240	340171	20.00	ng	0.00
87) Perylene-d12	25.10	264	356644	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	374798	122.51	ng	0.00
7) Phenol-d6	7.25	99	550180	118.93	ng	0.00
23) Nitrobenzene-d5	9.28	82	311993	77.35	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	203308	119.12	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	753091	72.57	ng	0.00
79) Terphenyl-d14	20.08	244	1188861	74.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	40078	25.831	ng	99
3) Pyridine	3.93	79	121440	31.055	ng	93
4) n-Nitrosodimethylamine	3.85	42	55855	40.101	ng	# 91
6) Aniline	7.43	93	76974	13.639	ng	97
8) 2-Chlorophenol	7.66	128	146989	41.069	ng	99
9) Benzaldehyde	7.24	77	73150	25.277	ng	94
10) Phenol	7.27	94	202576	41.502	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	131129	35.371	ng	98
12) 1,3-Dichlorobenzene	7.99	146	136487	34.255	ng	100
13) 1,4-Dichlorobenzene	8.14	146	140344	34.434	ng	99
14) 1,2-Dichlorobenzene	8.46	146	136918	34.923	ng	99
15) Benzyl Alcohol	8.34	79	132030	38.624	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	247604	37.327	ng	98
17) 2-Methylphenol	8.54	107	134004	41.526	ng	99
18) Hexachloroethane	9.19	117	49786	35.830	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	113846	35.737	ng	95
20) 3+4-Methylphenols	8.87	107	189954	41.171	ng	100
22) Acetophenone	8.94	105	209271	36.930	ng	# 97
24) Nitrobenzene	9.32	77	163924	39.122	ng	95
25) Isophorone	9.84	82	321808	43.666	ng	95
26) 2-Nitrophenol	10.03	139	78563	41.620	ng	96
27) 2,4-Dimethylphenol	10.08	122	160243	47.546	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	200348	41.493	ng	98
29) 2,4-Dichlorophenol	10.56	162	163235	43.500	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	148536	36.399	ng	98
31) Naphthalene	10.97	128	452632	40.785	ng	100
32) Benzoic acid	10.19	122	93339	42.639	ng	95
33) 4-Chloroaniline	11.09	127	44979	8.626	ng	95
34) Hexachlorobutadiene	11.24	225	86453	35.746	ng	99
35) Caprolactam	11.92	113	19721	13.104	ng	90
36) 4-Chloro-3-methylphenol	12.19	107	182940	43.228	ng	99
37) 2-Methylnaphthalene	12.57	142	352155	43.530	ng	100
38) 1-Methylnaphthalene	12.79	142	337718	42.986	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	174080	34.490	ng	99

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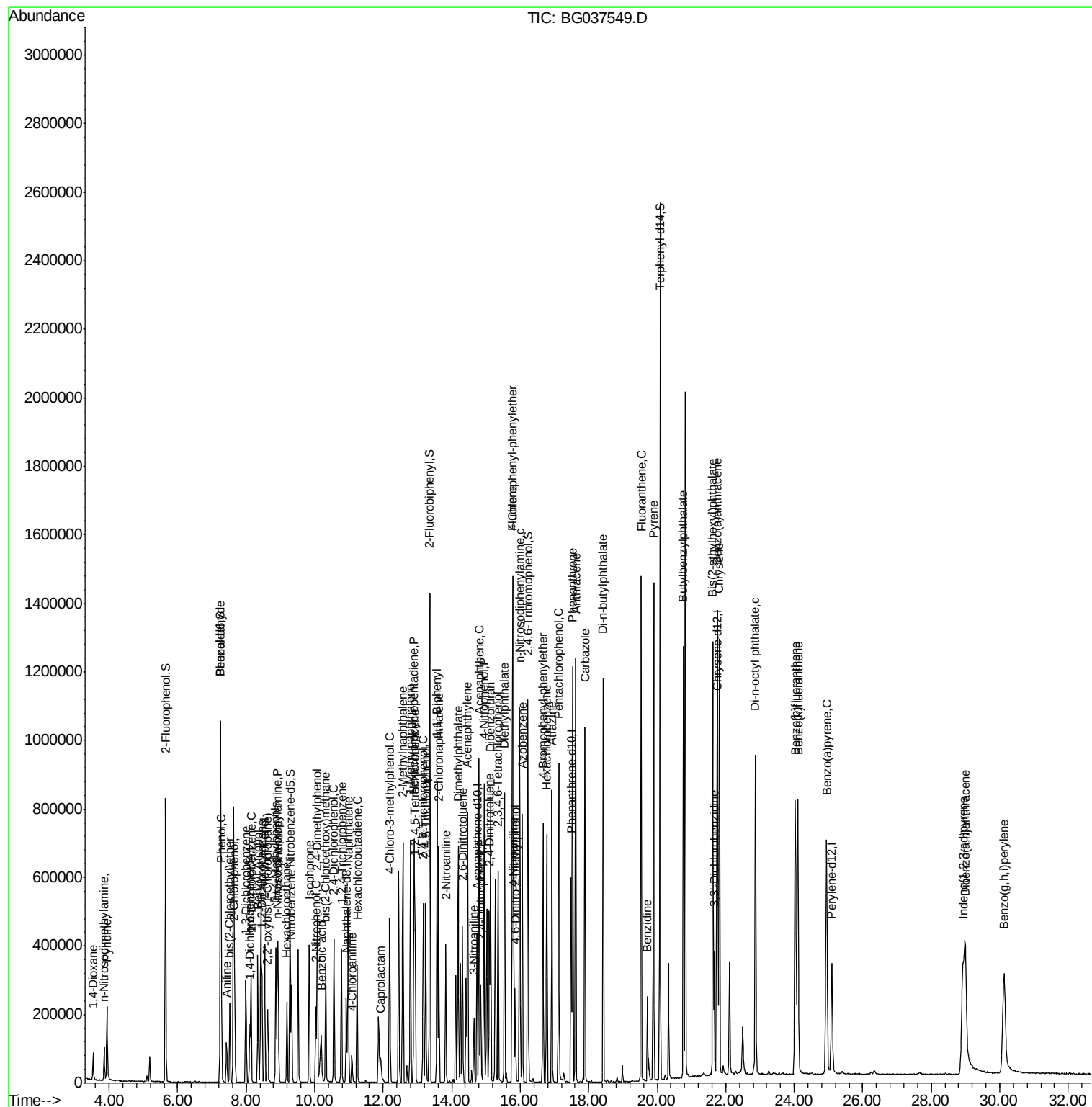
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	207670	86.136	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	138374	41.036	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	152922	41.653	nq	97
46) 1,1'-Biphenyl	13.57	154	461783	35.634	nq	98
47) 2-Chloronaphthalene	13.62	162	368691	37.606	nq	99
48) 2-Nitroaniline	13.83	65	125391	42.175	nq	96
49) Acenaphthylene	14.46	152	620355	42.064	nq	99
50) Dimethylphthalate	14.19	163	494755	40.871	nq	99
51) 2,6-Dinitrotoluene	14.32	165	114480	42.749	nq	94
52) Acenaphthene	14.80	154	359528	39.583	nq	99
53) 3-Nitroaniline	14.65	138	48904	16.450	nq	94
54) 2,4-Dinitrophenol	14.85	184	76398	70.064	nq	99
55) Dibenzofuran	15.13	168	589491	39.172	nq	99
56) 4-Nitrophenol	14.94	139	255103	115.927	nq	98
57) 2,4-Dinitrotoluene	15.10	165	153615	43.699	nq	# 97
58) Fluorene	15.78	166	477495	42.371	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	133624	42.509	nq	98
60) Diethylphthalate	15.54	149	511920	41.191	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	250516	38.139	nq	99
62) 4-Nitroaniline	15.81	138	119896	40.587	nq	92
63) Azobenzene	16.06	77	487265	41.092	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	71415	37.683	nq	98
66) n-Nitrosodiphenylamine	15.99	169	438848	38.015	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	156438	37.119	nq	99
68) Hexachlorobenzene	16.77	284	158612	36.312	nq	98
69) Atrazine	16.93	200	164712	39.463	nq	98
70) Pentachlorophenol	17.12	266	180882	61.823	nq	95
71) Phenanthrene	17.53	178	798862	40.957	nq	98
72) Anthracene	17.62	178	814373	42.545	nq	99
73) Carbazole	17.89	167	734658	38.369	nq	99
74) Di-n-butylphthalate	18.42	149	884458	41.525	nq	100
75) Fluoranthene	19.53	202	928113	41.954	nq	99
77) Benzidine	19.71	184	160517	13.878	nq	100
78) Pyrene	19.89	202	918663	41.311	nq	99
80) Butylbenzylphthalate	20.76	149	392299	43.105	nq	99
81) Benzo(a)anthracene	21.75	228	862126	42.847	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	138825	17.800	nq	97
83) Chrysene	21.81	228	804214	41.567	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	553975	43.426	nq	100
85) Di-n-octyl phthalate	22.87	149	934119	44.905	nq	99
86) Indeno(1,2,3-cd)pyrene	28.92	276	832623	40.124	nq	100
88) Benzo(b)fluoranthene	24.04	252	853253	43.639	nq	98
89) Benzo(k)fluoranthene	24.11	252	819948	42.803	nq	98
90) Benzo(a)pyrene	24.94	252	818303	44.043	nq	98
91) Dibenzo(a,h)anthracene	28.99	278	691518	40.350	nq	98
92) Benzo(g,h,i)perylene	30.13	276	696679	40.181	nq	100

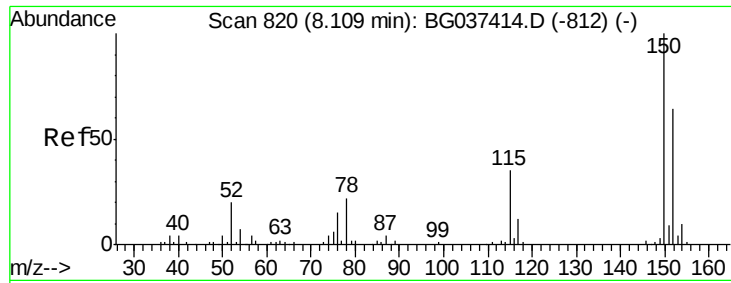
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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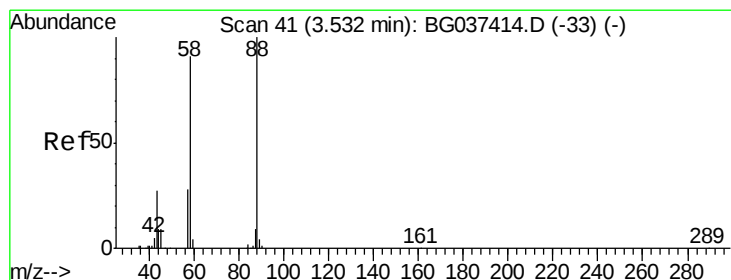
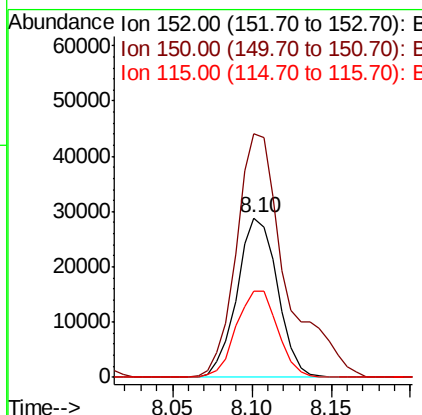
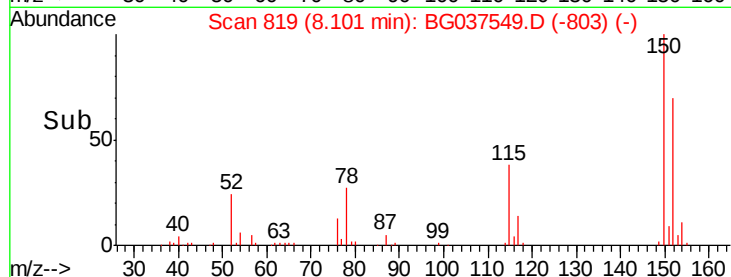
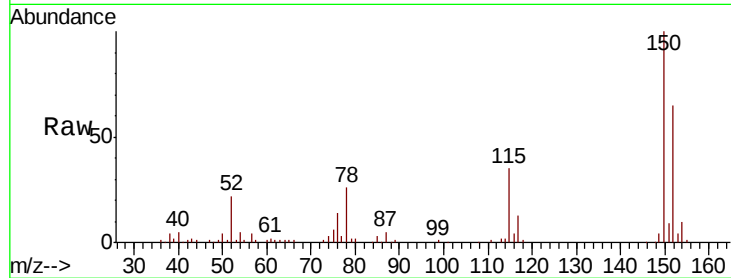




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

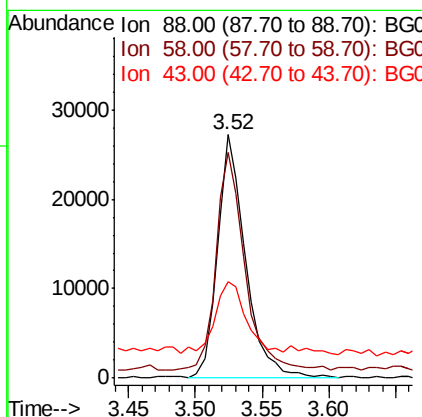
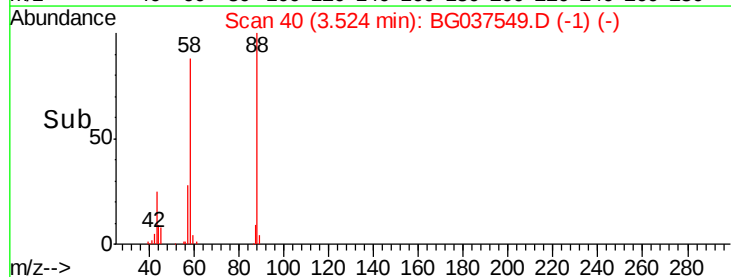
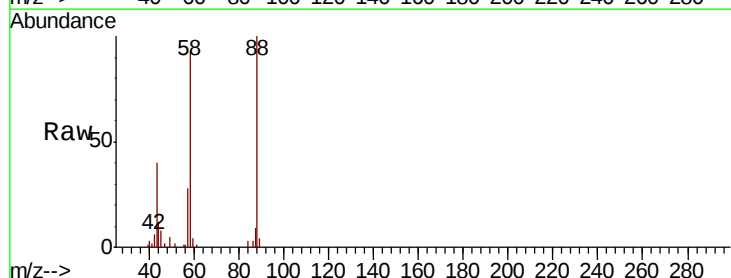
Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

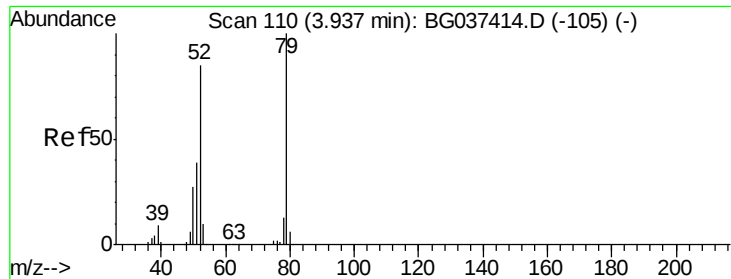
Tot Ion:152 Resp: 51149
 Ion Ratio Lower Upper
 152 100
 150 152.9 126.0 189.0
 115 53.8 45.5 68.3



#2
 1,4-Dioxane
 Concen: 25.831 ng
 RT: 3.52 min Scan# 40
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion: 88 Resp: 40078
 Ion Ratio Lower Upper
 88 100
 58 91.6 74.4 111.6
 43 32.9 25.8 38.8





#3

Pvridine

Concen: 31.055 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

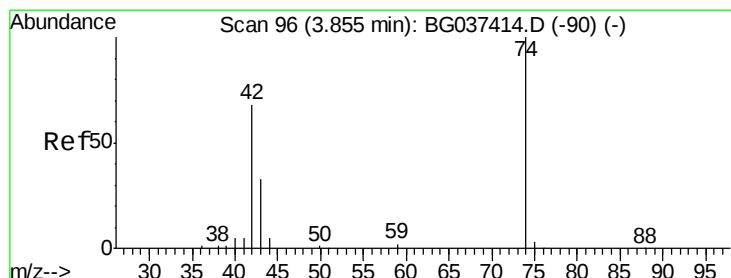
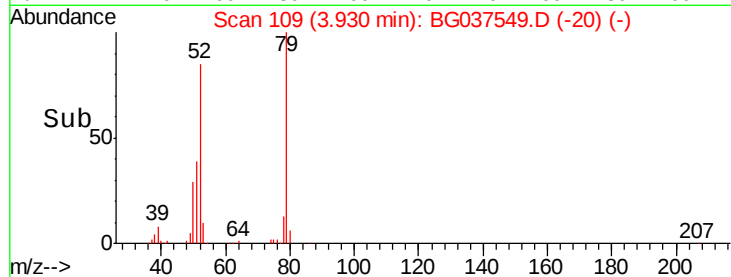
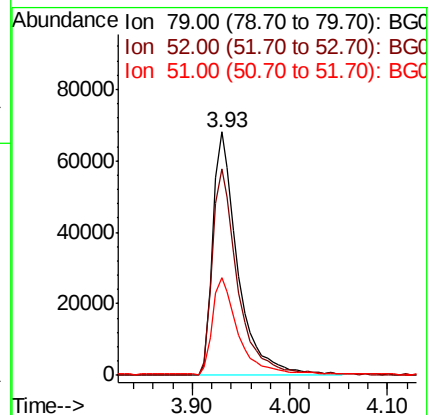
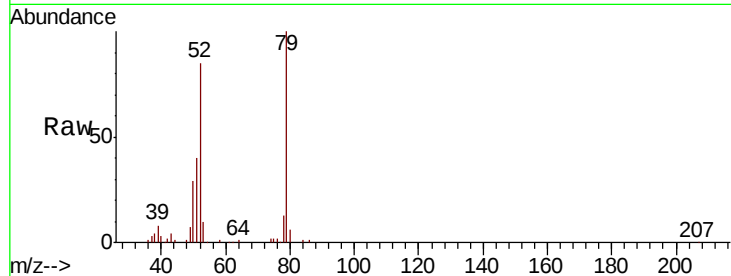
Tot Ion: 79 Resp: 121440

Ion Ratio Lower Upper

79 100

52 84.8 74.2 111.2

51 40.0 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 40.101 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

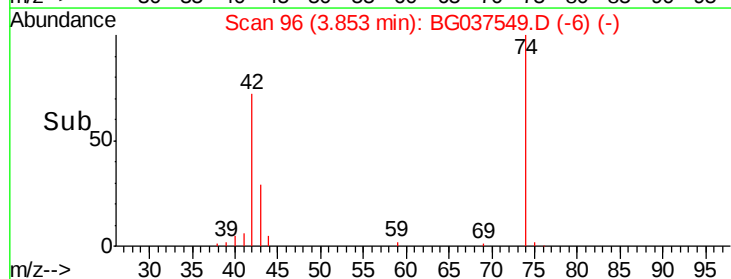
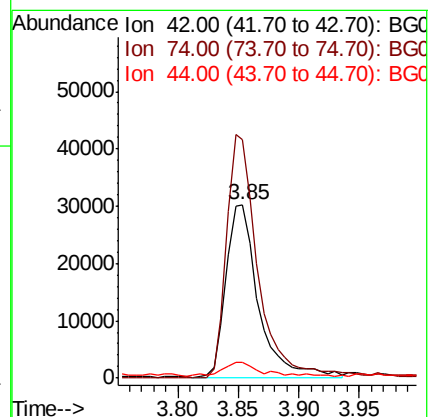
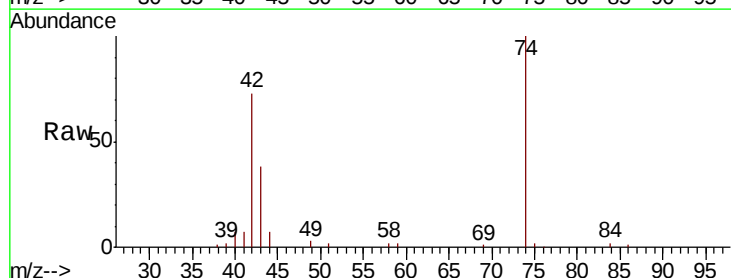
Tgt Ion: 42 Resp: 55855

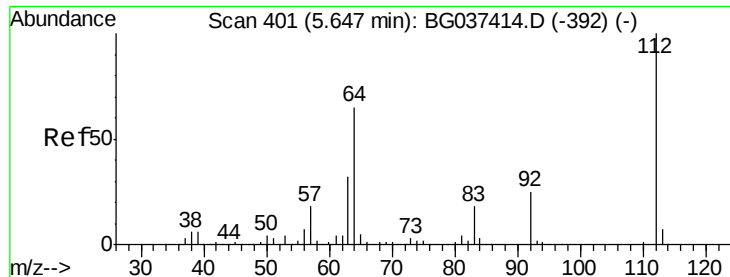
Ion Ratio Lower Upper

42 100

74 137.5 102.0 153.0

44 9.0 9.6 14.4#





#5

2-Fluorophenol

Concen: 122.506 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

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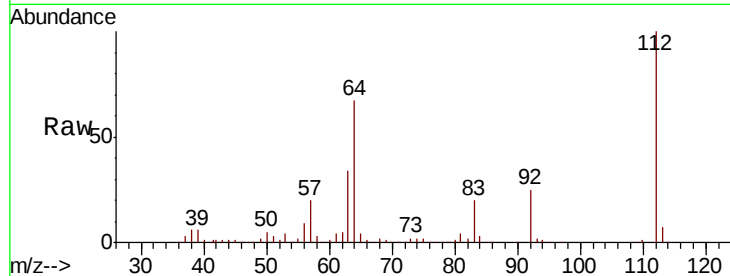
Tot Ion: 112 Resp: 374798

Ion Ratio Lower Upper

112 100

64 66.7 53.1 79.7

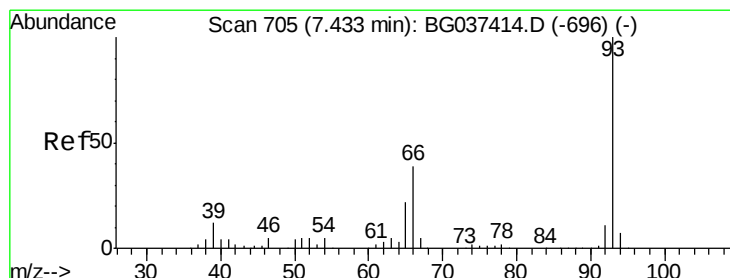
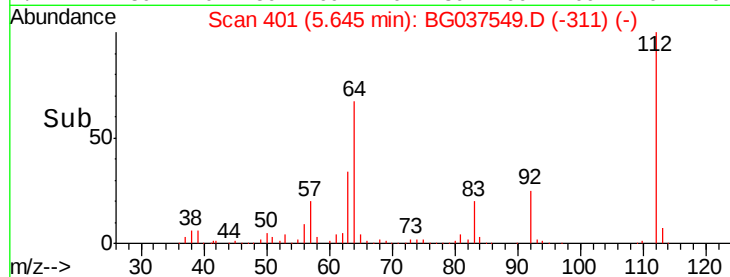
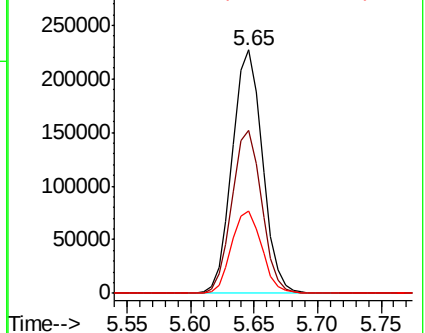
63 34.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.639 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

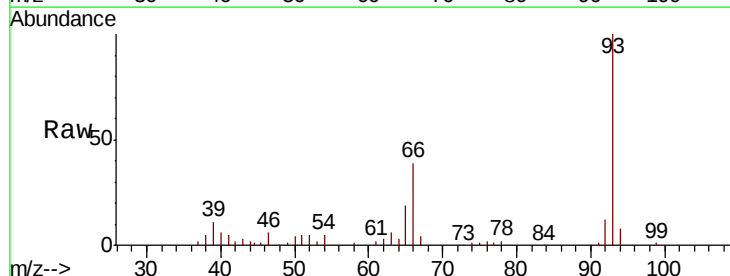
Tgt Ion: 93 Resp: 76974

Ion Ratio Lower Upper

93 100

66 39.4 32.8 49.2

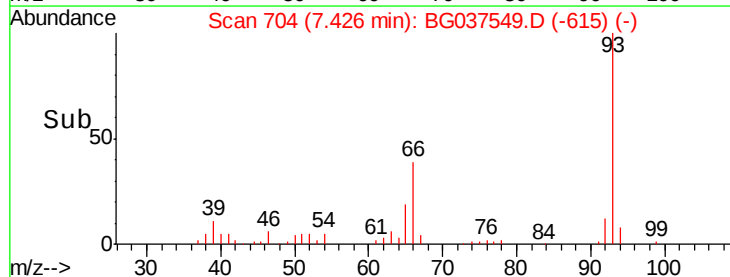
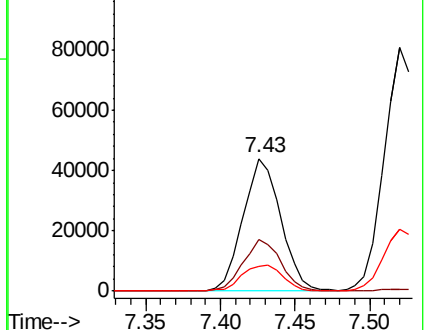
65 19.0 16.4 24.6

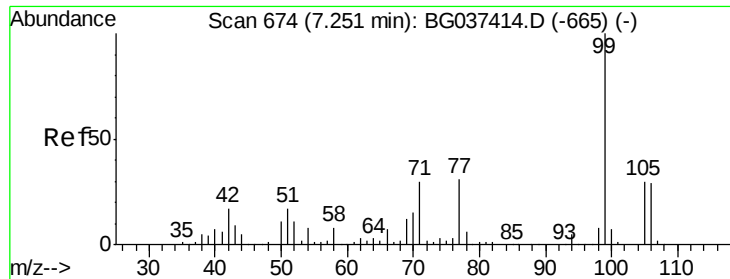


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.926 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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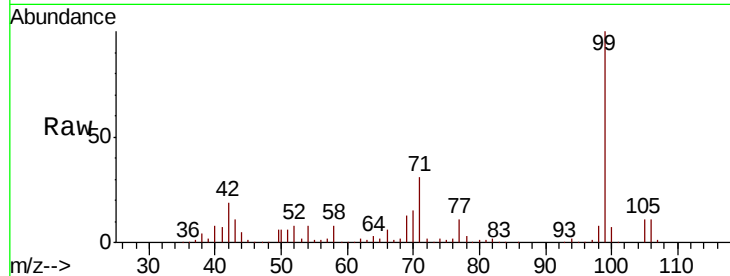
Tot Ion: 99 Resp: 550180

Ion Ratio Lower Upper

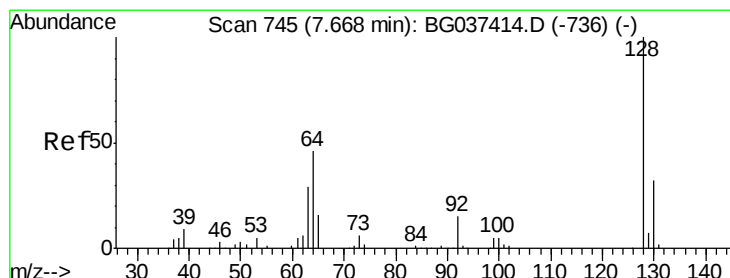
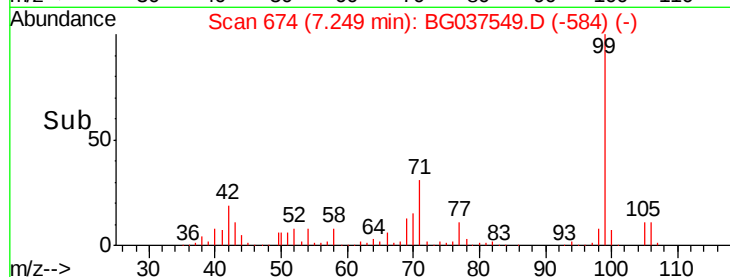
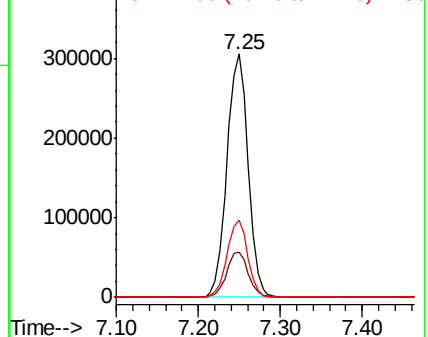
99 100

42 18.6 15.0 22.4

71 31.5 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: 41.069 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

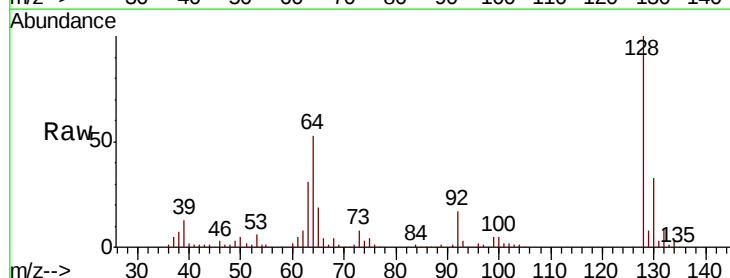
Tgt Ion: 128 Resp: 146989

Ion Ratio Lower Upper

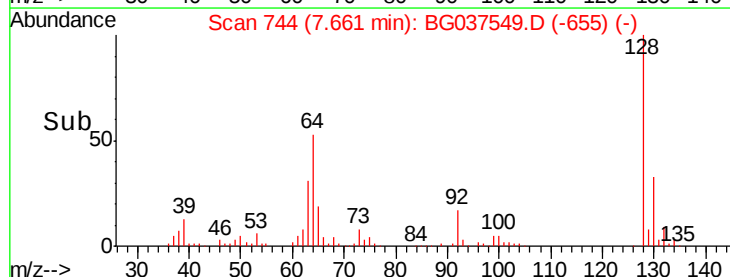
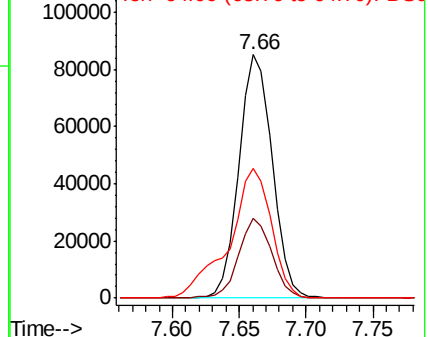
128 100

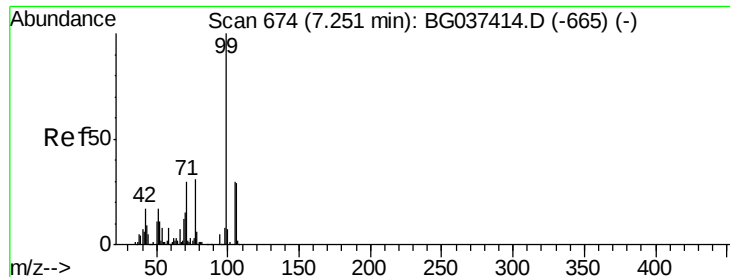
130 32.9 12.0 52.0

64 53.5 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: 25.277 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

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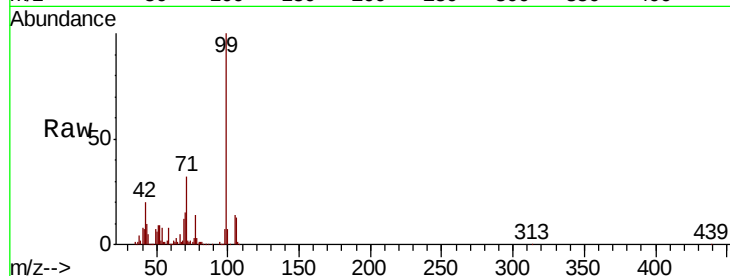
Tot Ion: 77 Resp: 73150

Ion Ratio Lower Upper

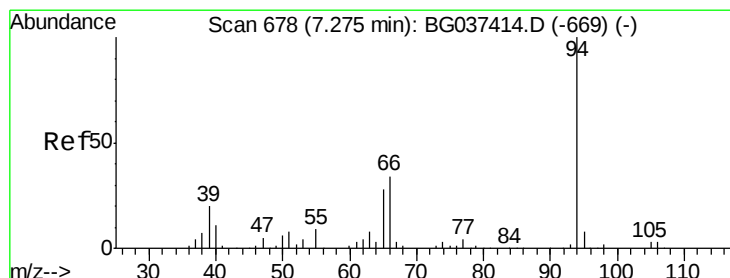
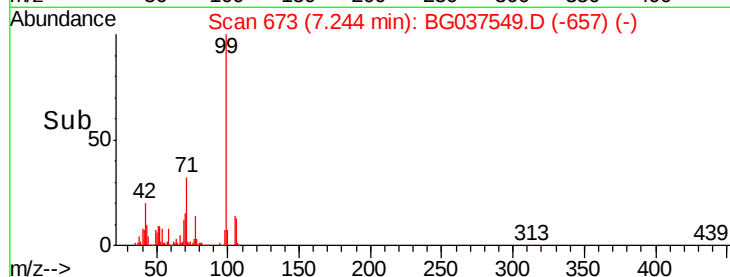
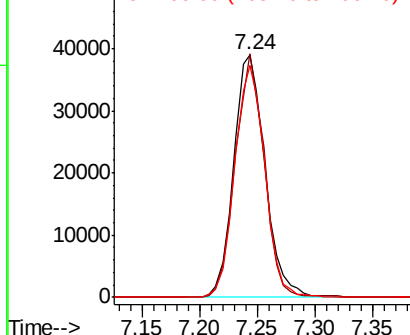
77 100

105 100.4 72.6 112.6

106 95.8 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: 41.502 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

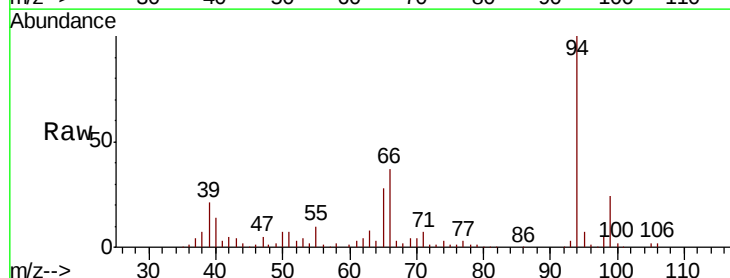
Tgt Ion: 94 Resp: 202576

Ion Ratio Lower Upper

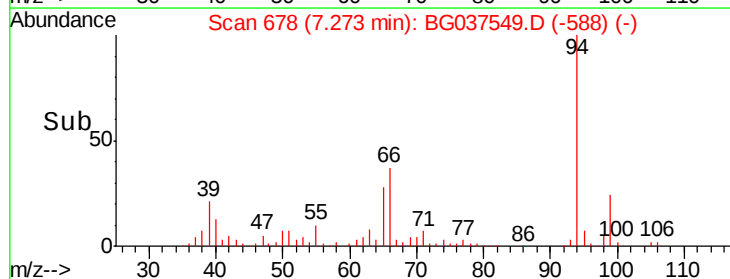
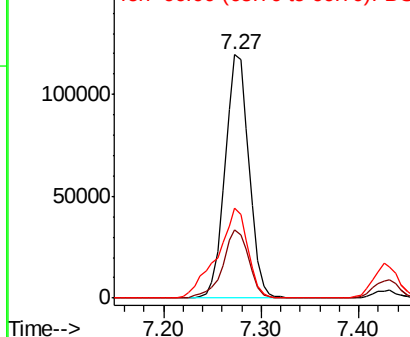
94 100

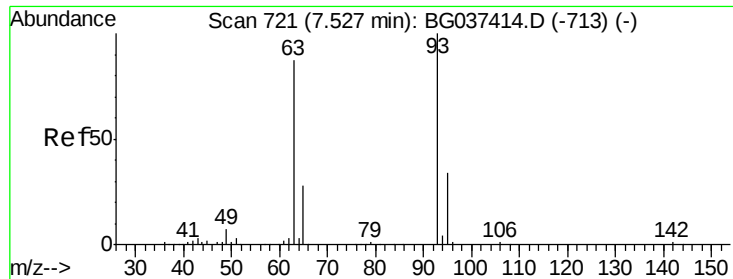
65 28.1 9.7 49.7

66 36.7 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

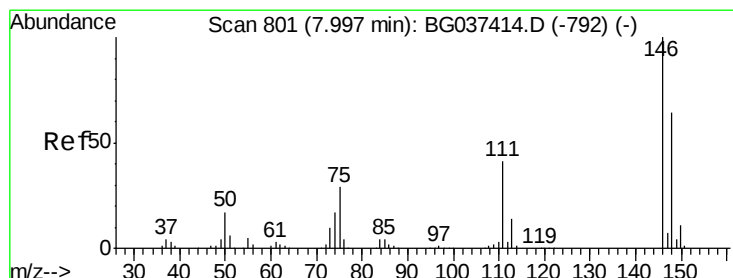
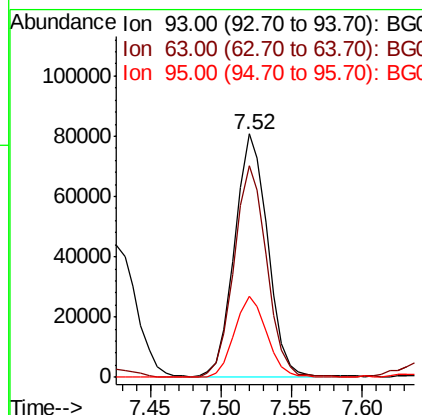
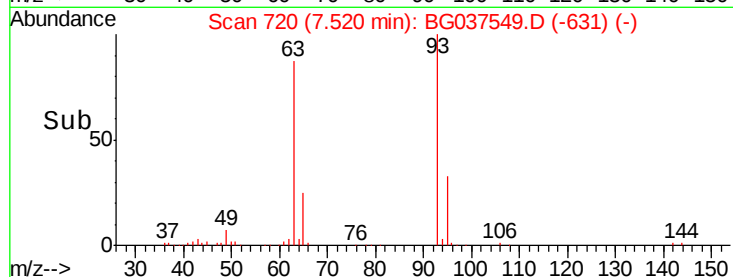
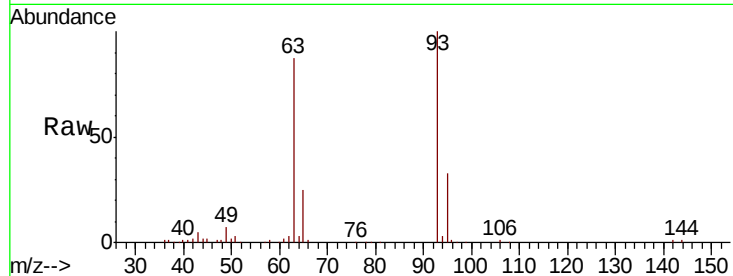




#11
bis(2-Chloroethyl)ether
Concen: 35.371 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

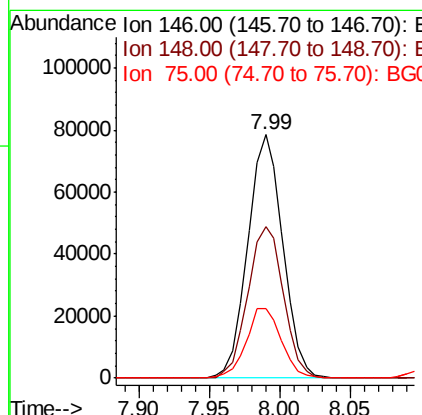
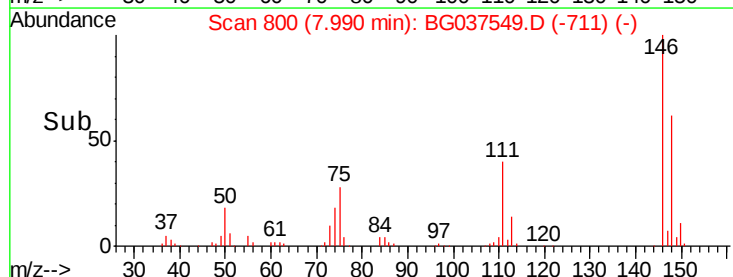
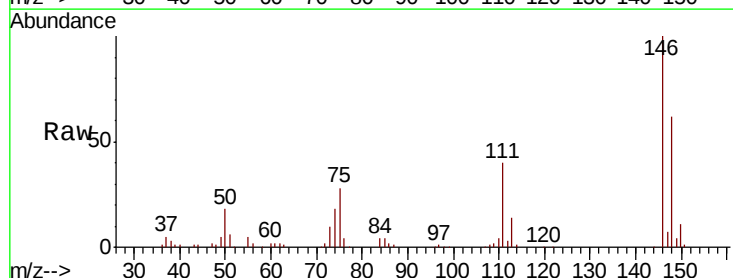
Instrument :
BNA_G
ClientSampleId :
PB114142BS

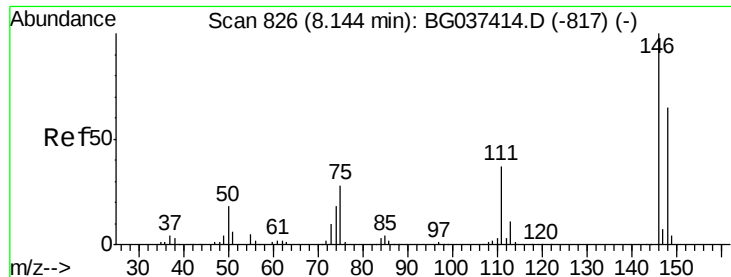
Tot Ion: 93 Resp: 131129
Ion Ratio Lower Upper
93 100
63 87.1 69.5 109.5
95 33.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 34.255 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion: 146 Resp: 136487
Ion Ratio Lower Upper
146 100
148 62.3 49.8 74.8
75 28.3 23.2 34.8

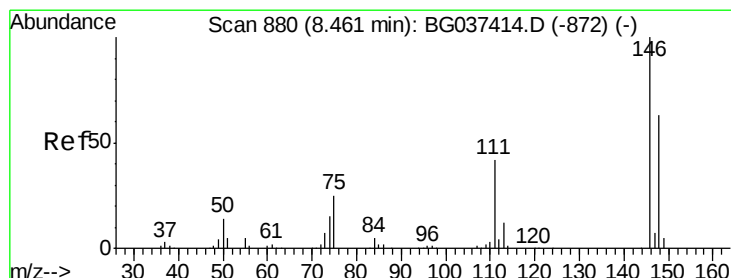
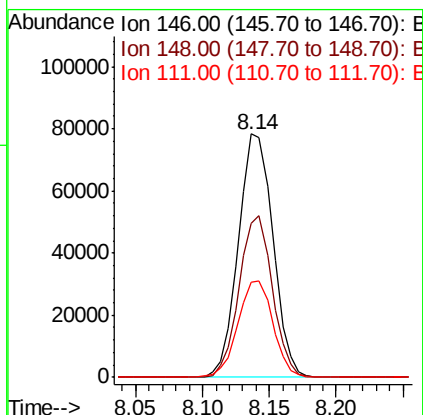
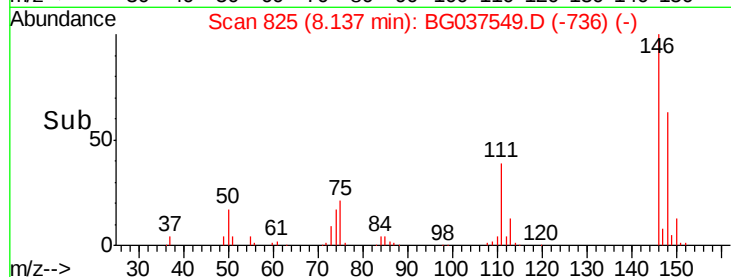
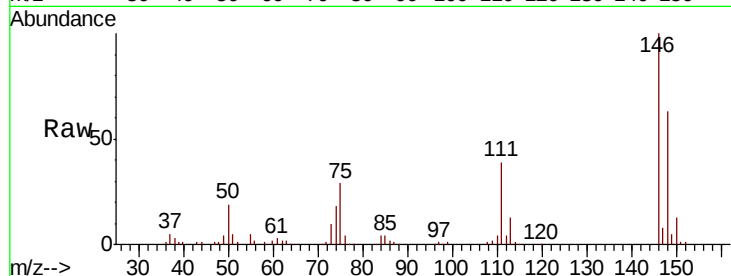




#13
 1,4-Dichlorobenzene
 Concen: 34.434 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

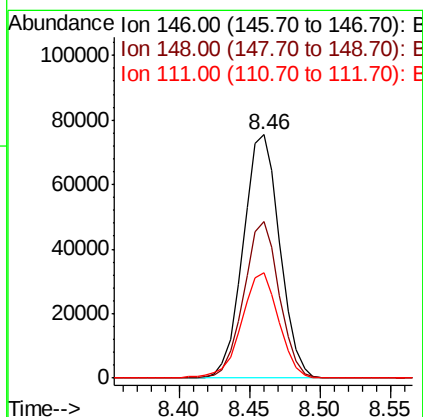
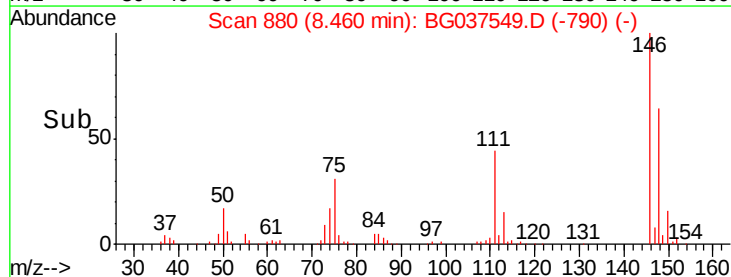
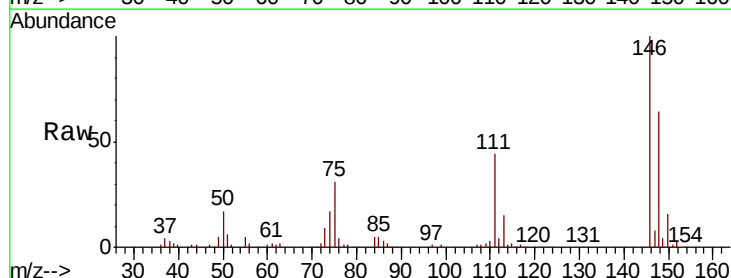
Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

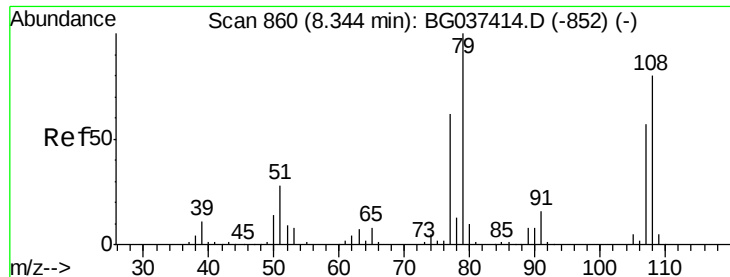
Tot Ion:146 Resp: 140344
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.6
 111 39.2 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 34.923 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion:146 Resp: 136918
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 43.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 38.624 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

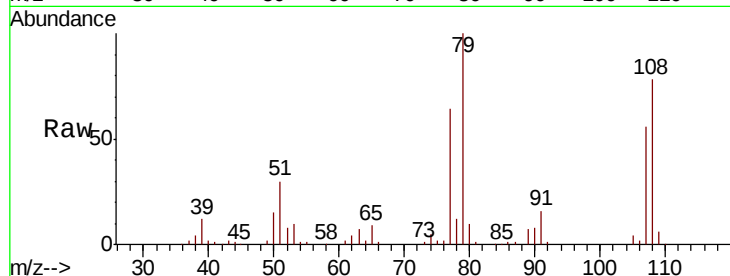
Tot Ion: 79 Resp: 132030

Ion Ratio Lower Upper

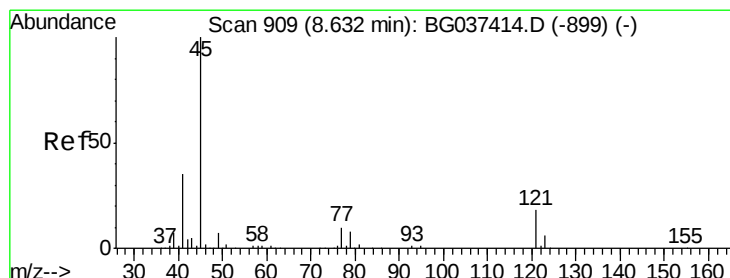
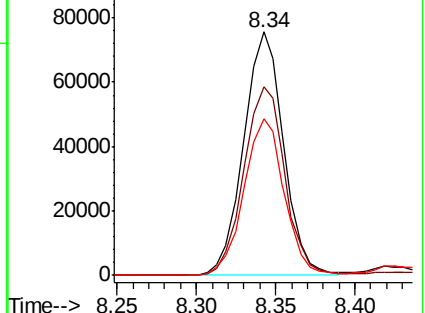
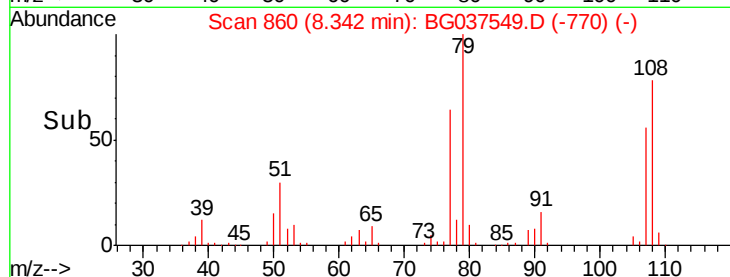
79 100

108 77.6 65.8 98.8

77 64.2 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.327 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

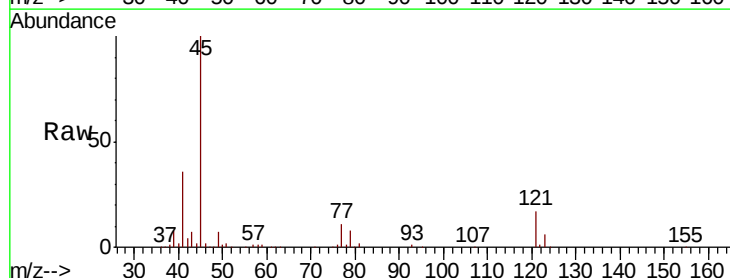
Tgt Ion: 45 Resp: 247604

Ion Ratio Lower Upper

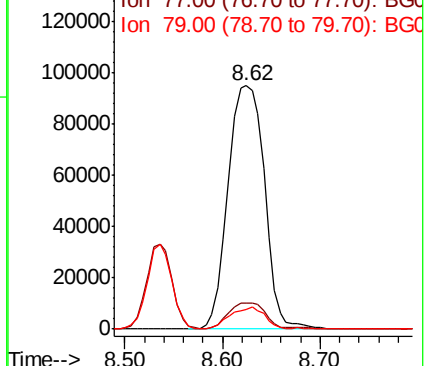
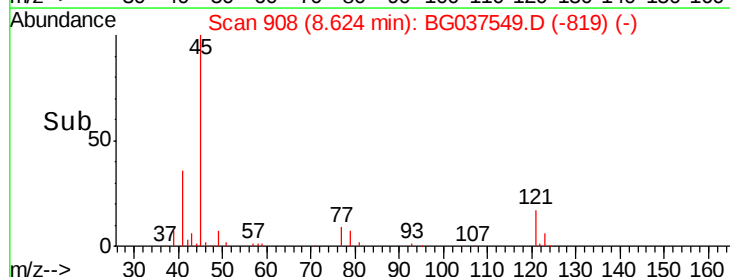
45 100

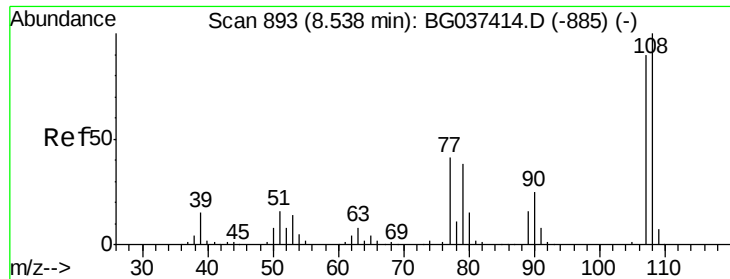
77 10.7 0.0 30.0

79 8.2 0.0 29.0



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

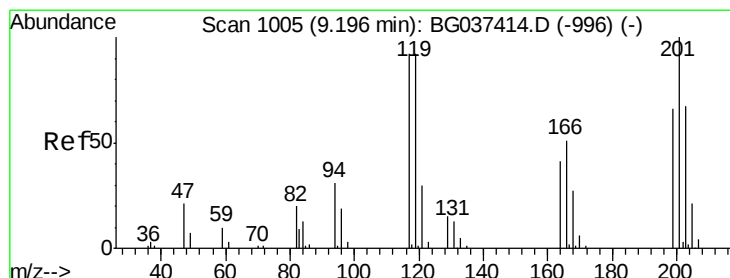
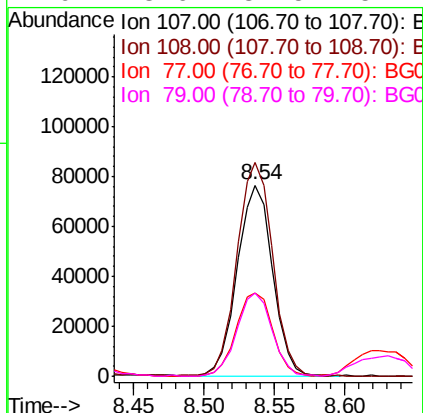
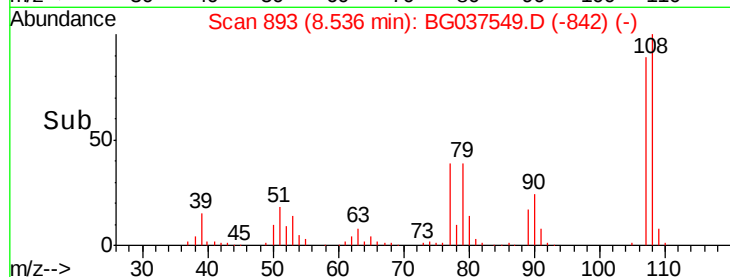
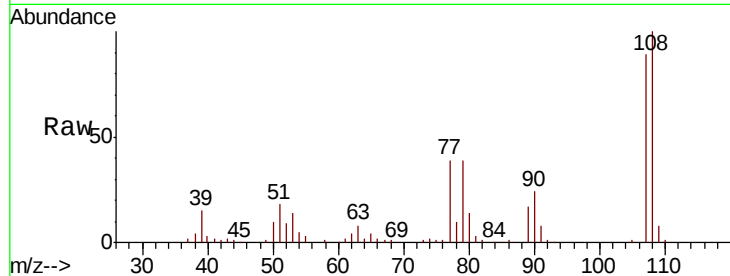




#17
2-Methylphenol
Concen: 41.526 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

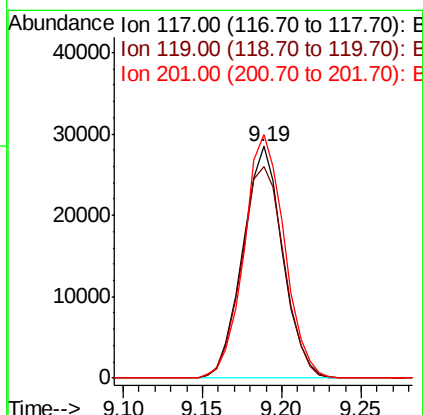
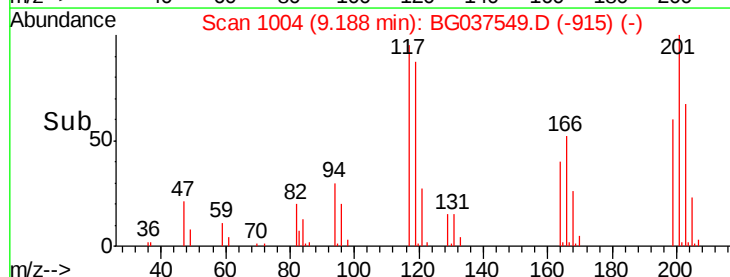
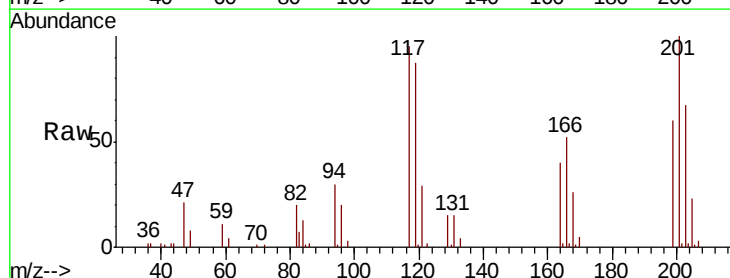
Instrument :
BNA_G
ClientSampleId :
PB114142BS

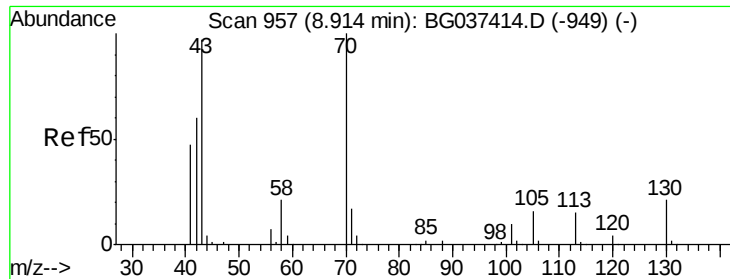
Tot Ion:	107	Resp:	134004
Ion	Ratio	Lower	Upper
107	100		
108	111.8	87.9	131.9
77	43.6	35.1	52.7
79	43.6	34.5	51.7



#18
Hexachloroethane
Concen: 35.830 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:	117	Resp:	49786
Ion	Ratio	Lower	Upper
117	100		
119	91.3	74.6	111.8
201	107.2	80.8	121.2

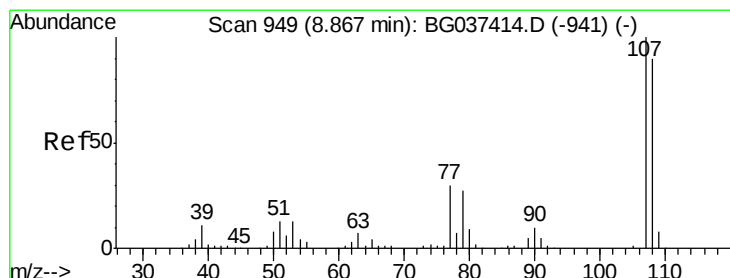
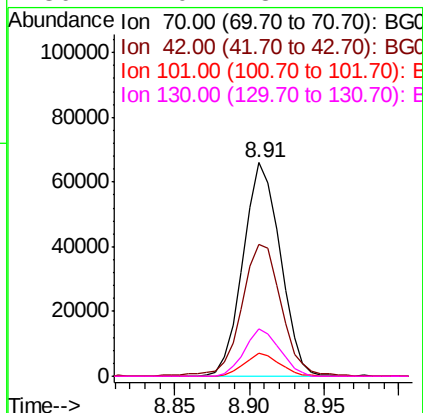
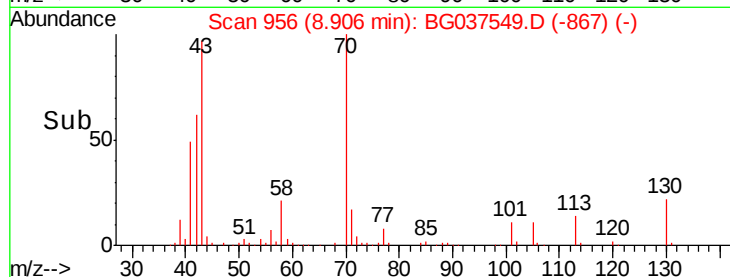
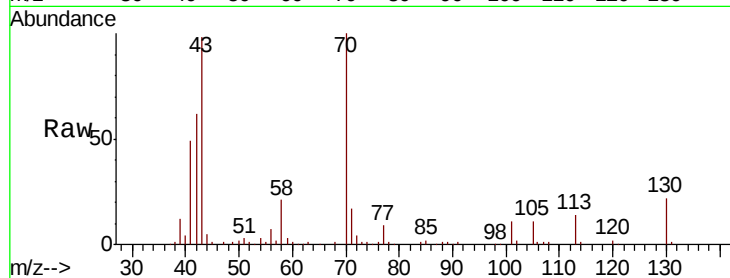




#19
n-Nitroso-di-n-propylamine
Concen: 35.737 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

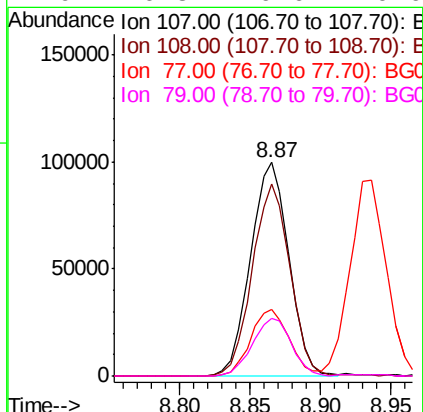
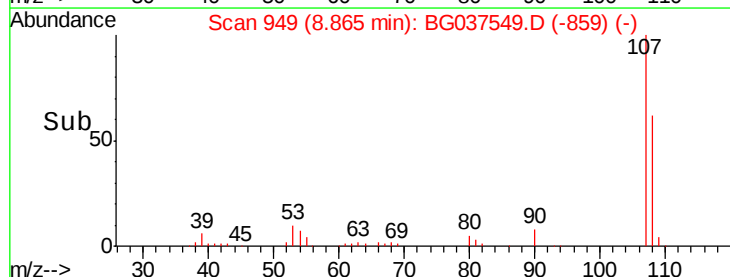
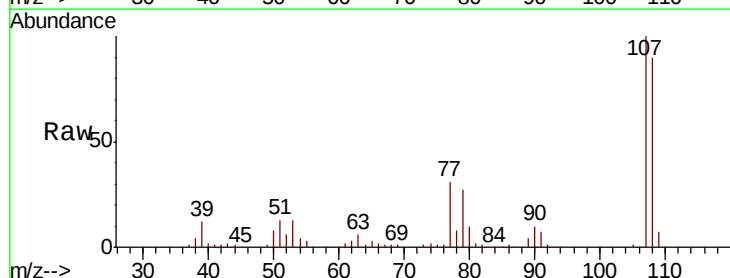
Instrument :
BNA_G
ClientSampleId :
PB114142BS

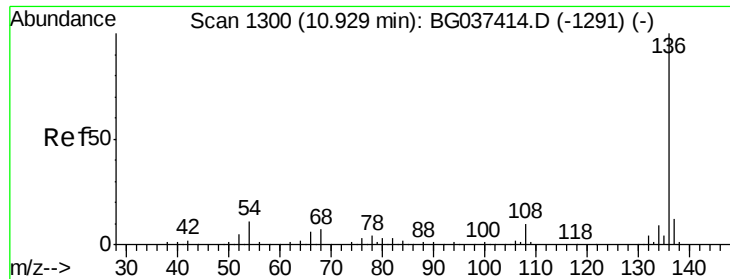
Tot Ion:	70	Resp:	113846
Ion	Ratio	Lower	Upper
70	100		
42	61.8	53.9	80.9
101	11.0	8.2	12.2
130	22.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 41.171 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:	107	Resp:	189954
Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.9	109.9
77	31.4	11.2	51.2
79	26.8	6.6	46.6

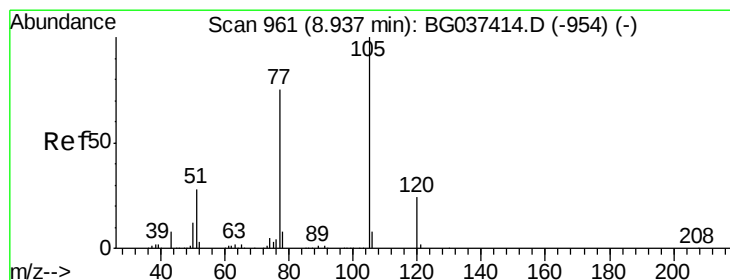
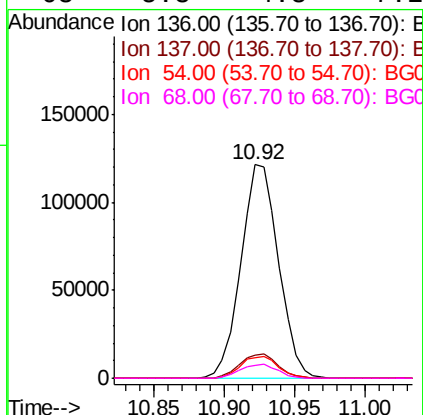
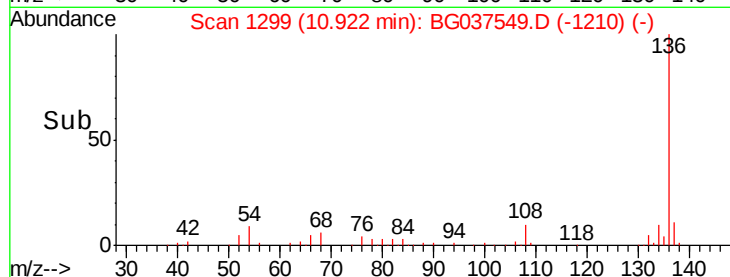
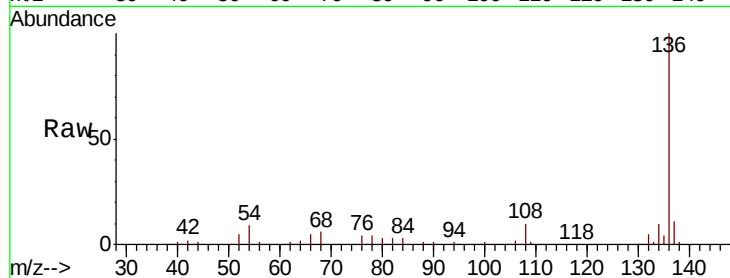




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

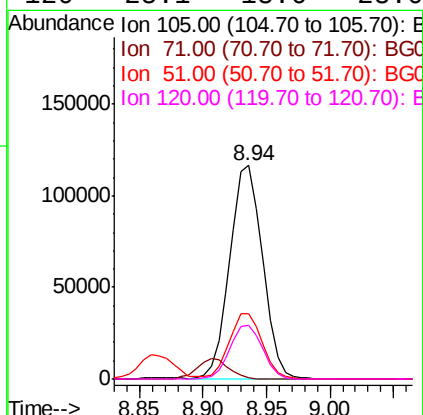
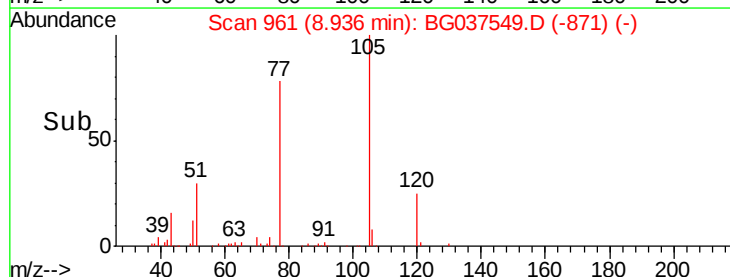
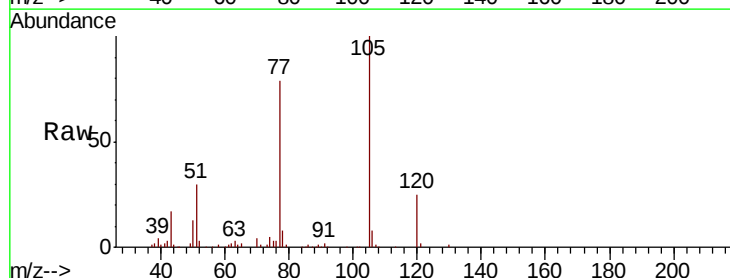
Instrument :
BNA_G
ClientSampleId :
PB114142BS

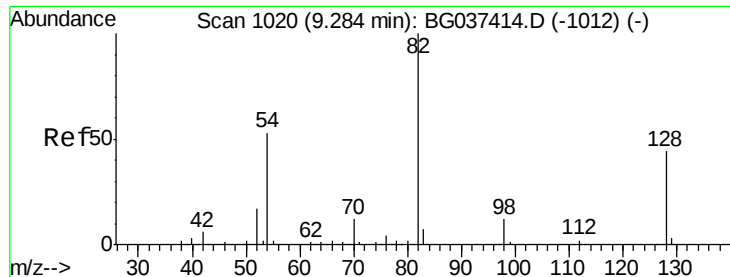
Tot Ion:136	Resp:	225947
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.6	14.4
54 9.4	7.9	11.9
68 5.8	4.8	7.2



#22
Acetophenone
Concen: 36.930 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt	Ion:105	Resp:	209271
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.2	1.8#
51	30.4	25.0	37.6
120	25.1	18.6	28.0

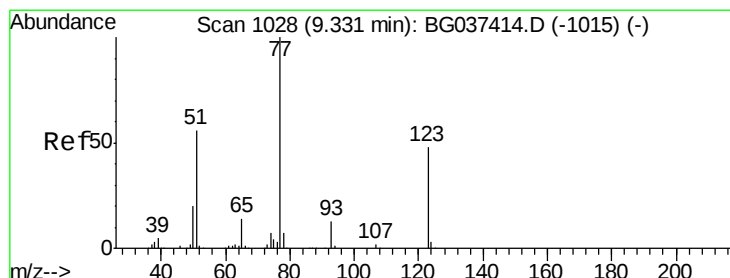
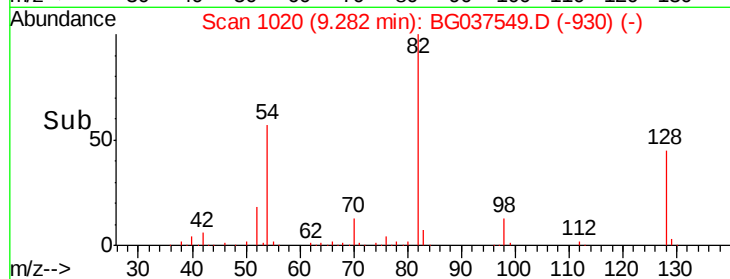
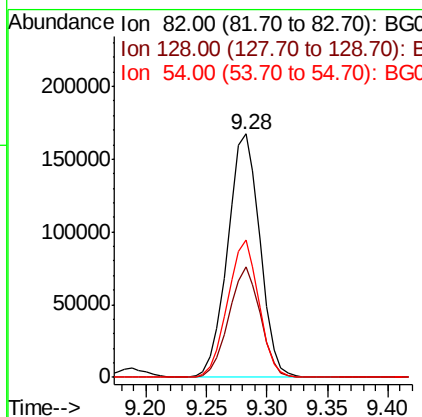
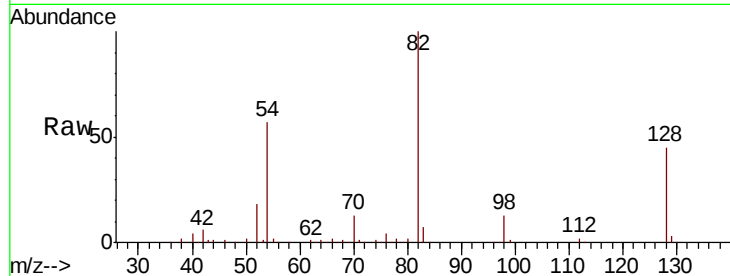




#23
 Nitrobenzene-d5
 Concen: 77.352 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

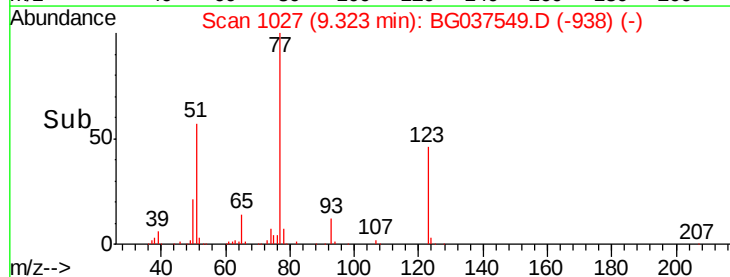
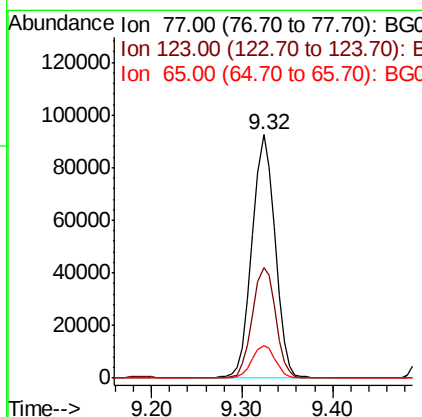
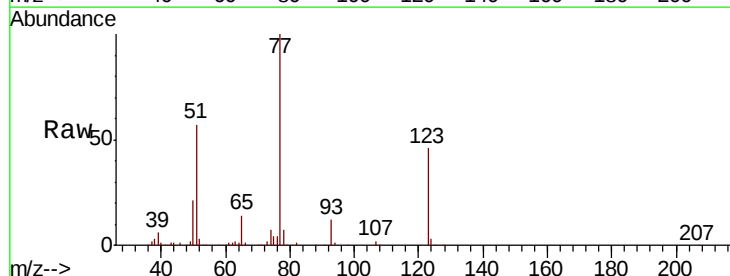
Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

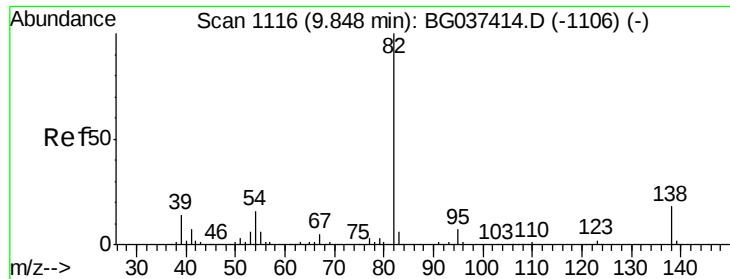
Tot Ion: 82 Resp: 311993
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 51.8
 54 56.5 45.3 67.9



#24
 Nitrobenzene
 Concen: 39.122 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion: 77 Resp: 163924
 Ion Ratio Lower Upper
 77 100
 123 45.5 33.6 50.4
 65 13.5 11.3 16.9





#25

Isophorone

Concen: 43.666 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

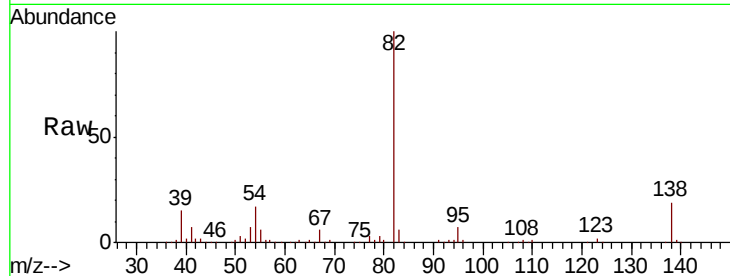
Tot Ion: 82 Resp: 321808

Ion Ratio Lower Upper

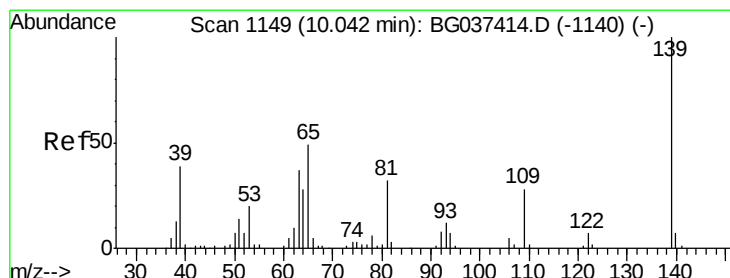
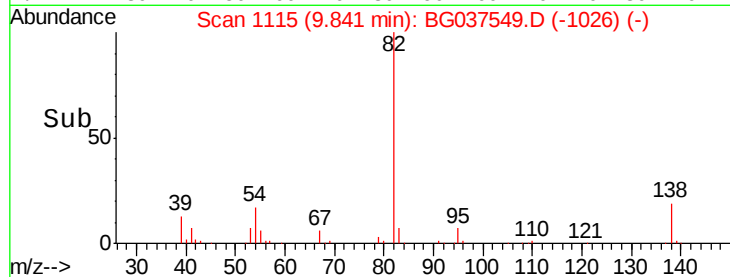
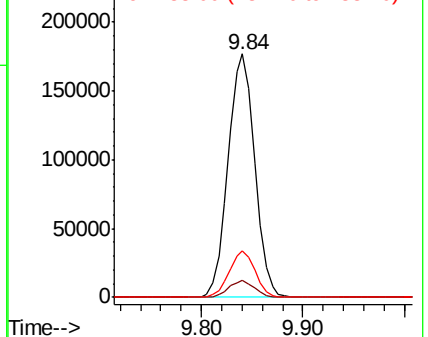
82 100

95 7.2 5.3 7.9

138 19.2 13.3 19.9



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



#26

2-Nitrophenol

Concen: 41.620 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

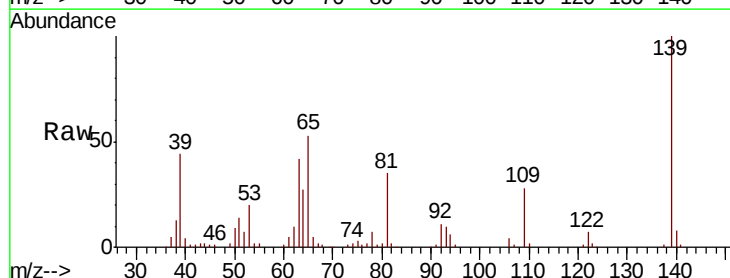
Tgt Ion: 139 Resp: 78563

Ion Ratio Lower Upper

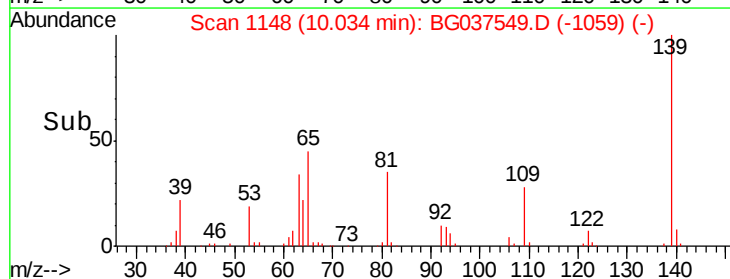
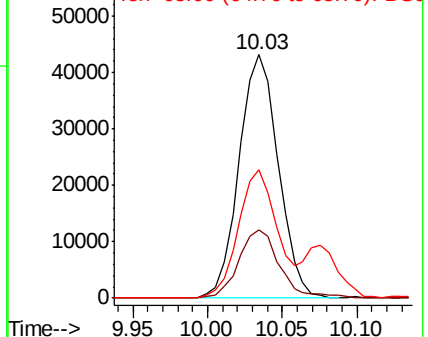
139 100

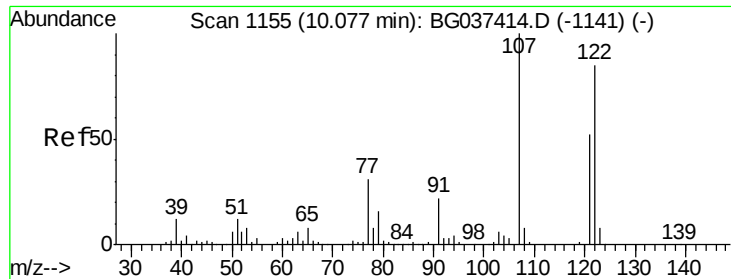
109 28.0 23.3 34.9

65 53.0 39.8 59.8



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

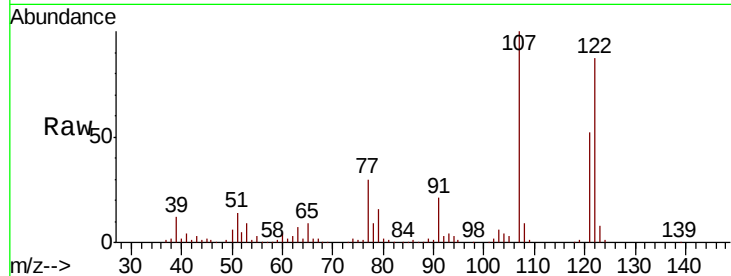




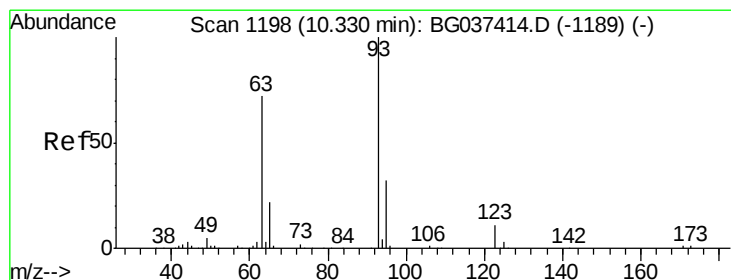
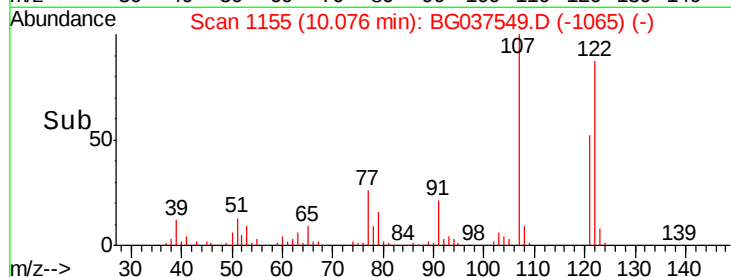
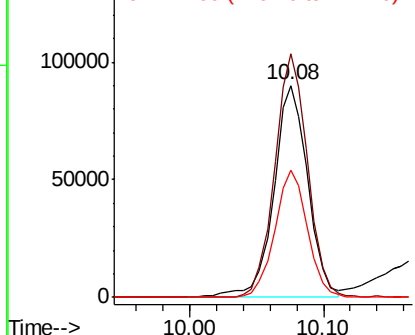
#27
 2,4-Dimethylphenol
 Concen: 47.546 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion:122 Resp: 160243
 Ion Ratio Lower Upper
 122 100
 107 115.1 94.2 141.2
 121 60.0 47.3 70.9

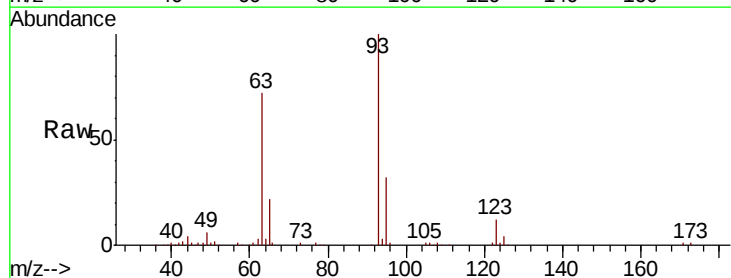


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

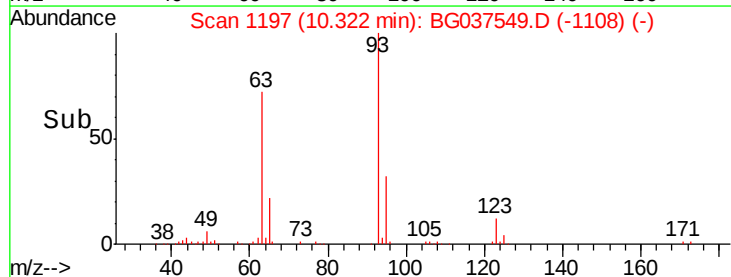
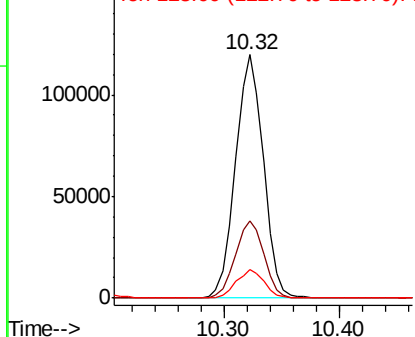


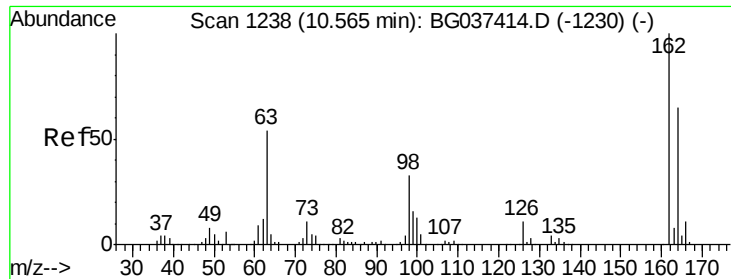
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.493 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion: 93 Resp: 200348
 Ion Ratio Lower Upper
 93 100
 95 31.7 24.6 37.0
 123 11.9 9.1 13.7



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

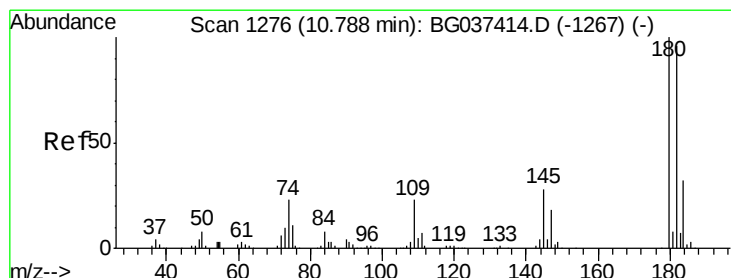
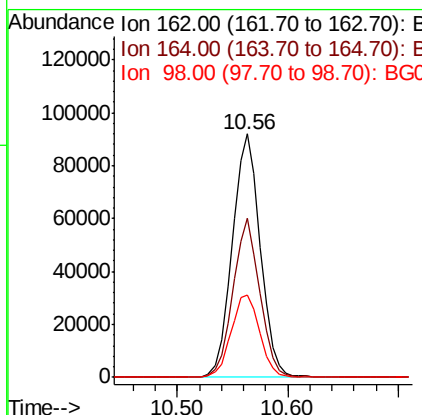
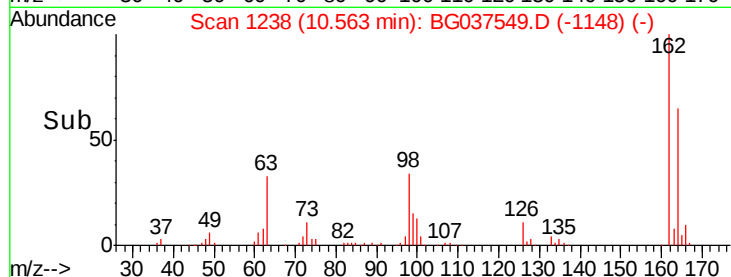
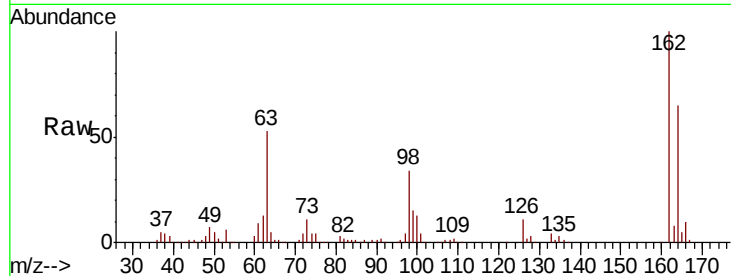




#29
 2,4-Dichlorophenol
 Concen: 43.500 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

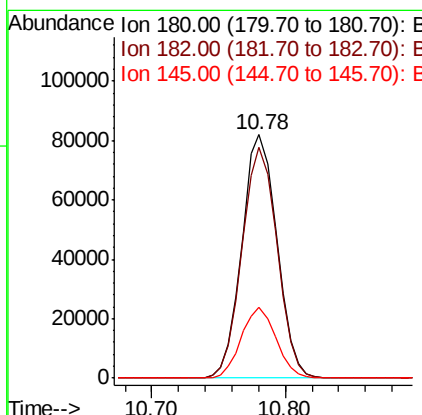
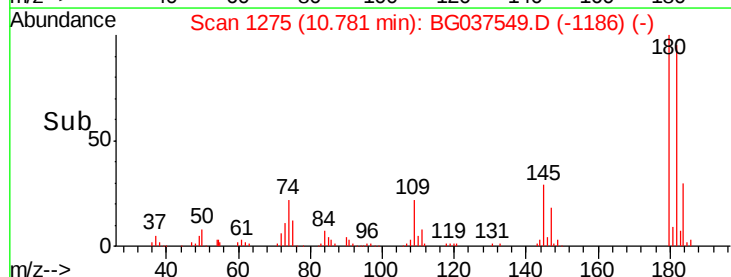
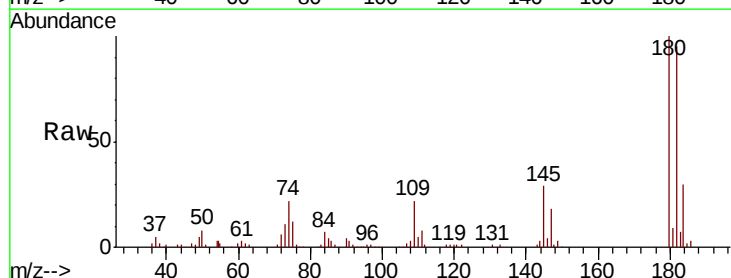
Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

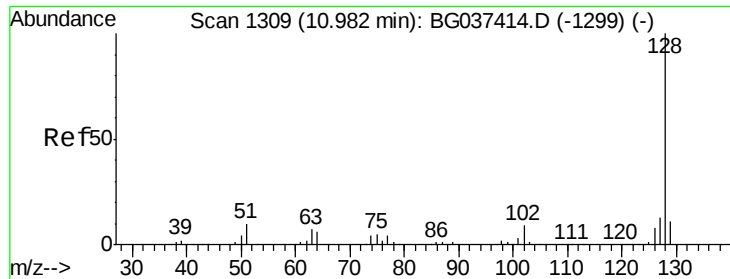
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.2	83.2
98	34.0	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.399 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.7	116.5
145	29.3	23.3	34.9

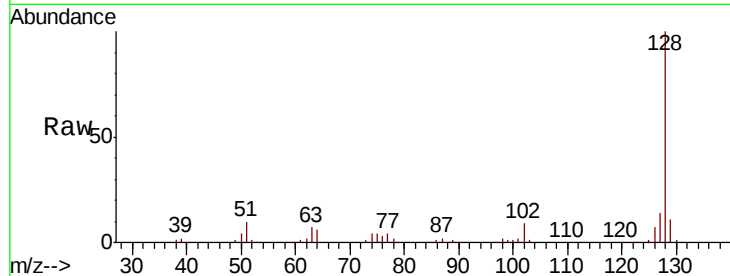




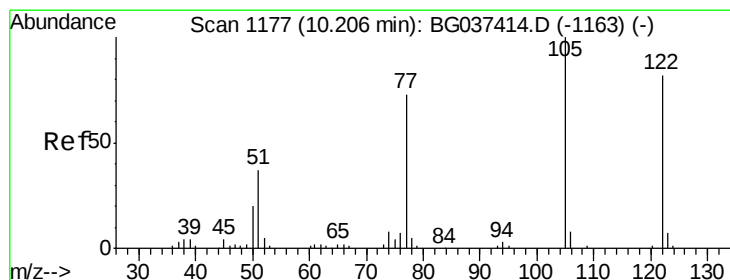
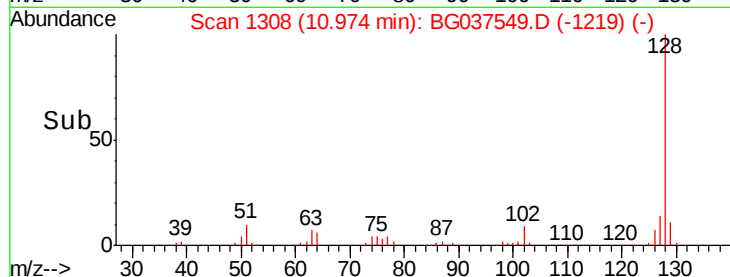
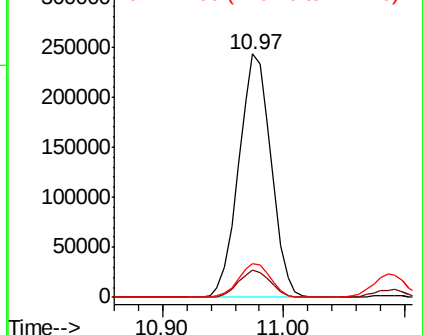
#31
Naphthalene
Concen: 40.785 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion:128 Resp: 452632
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.8 11.1 16.7

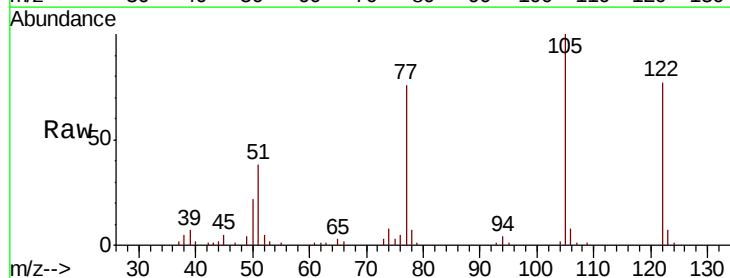


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

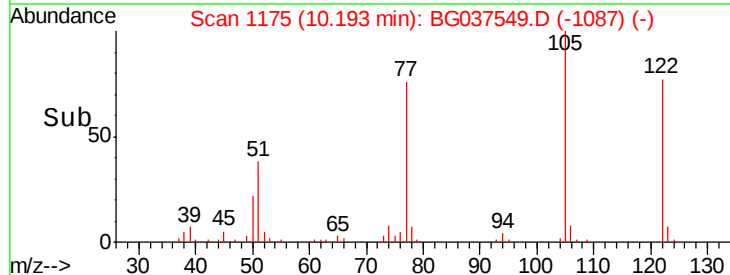
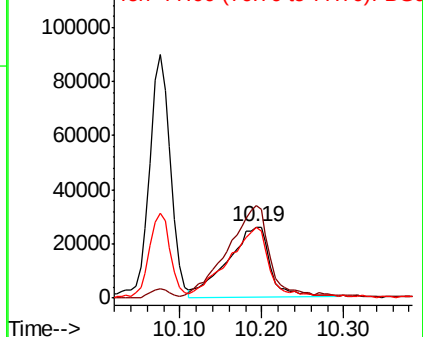


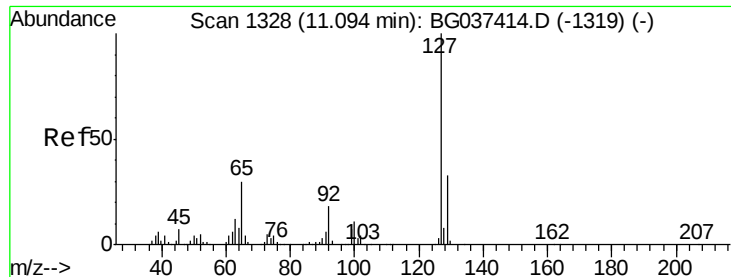
#32
Benzoic acid
Concen: 42.639 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:122 Resp: 93339
Ion Ratio Lower Upper
122 100
105 130.4 106.7 146.7
77 98.8 72.2 112.2



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

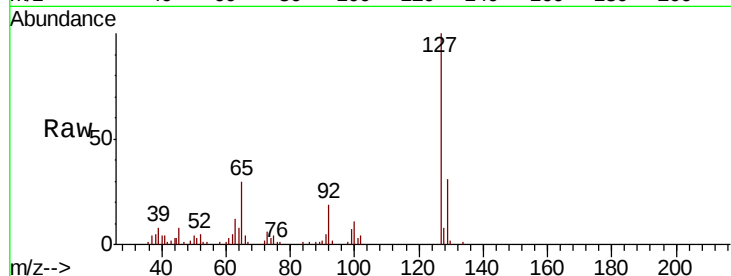




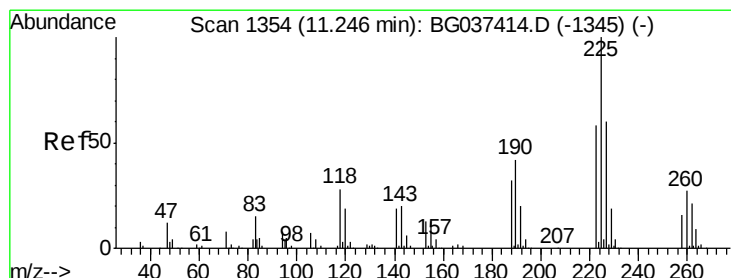
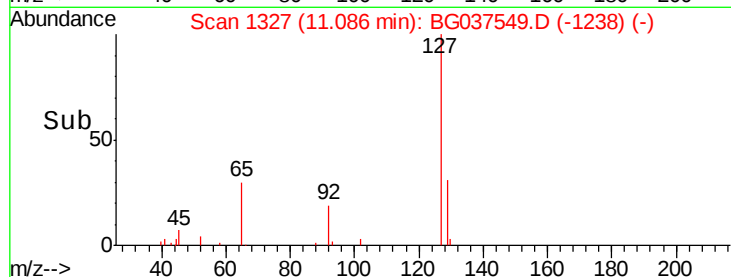
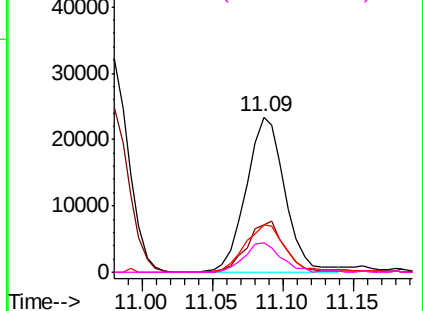
#33
4-Chloroaniline
Concen: 8.626 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion:127	Resp:	44979
Ion Ratio	Lower	Upper
127	100	
129	30.5	27.1 40.7
65	30.1	26.6 39.8
92	18.8	16.4 24.6

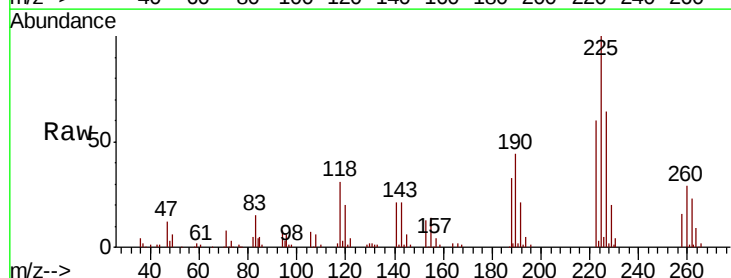


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

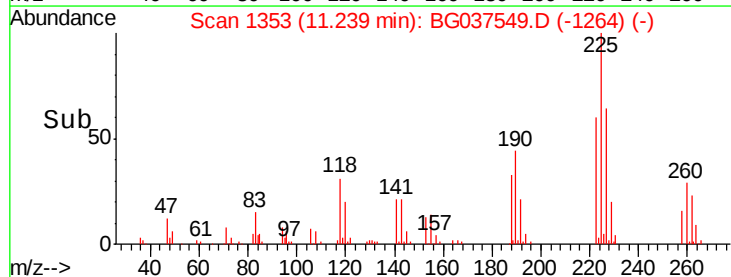
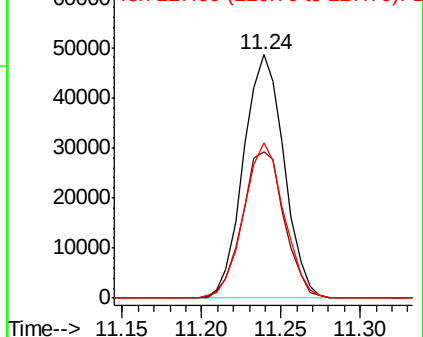


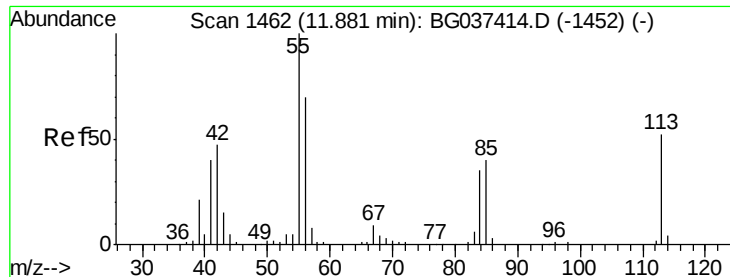
#34
Hexachlorobutadiene
Concen: 35.746 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:225	Resp:	86453
Ion Ratio	Lower	Upper
225	100	
223	60.8	48.2 72.4
227	63.3	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

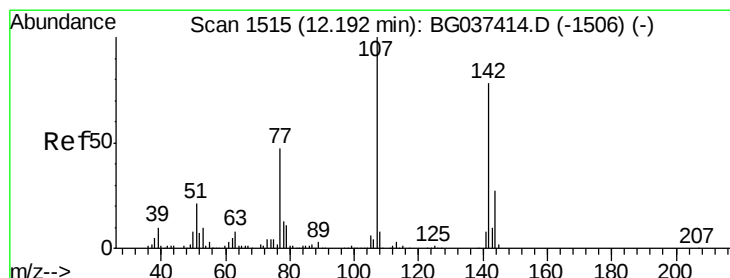
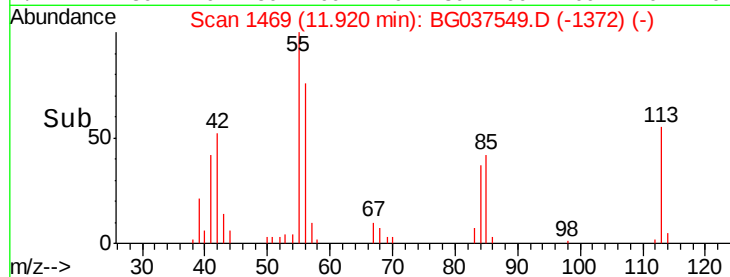
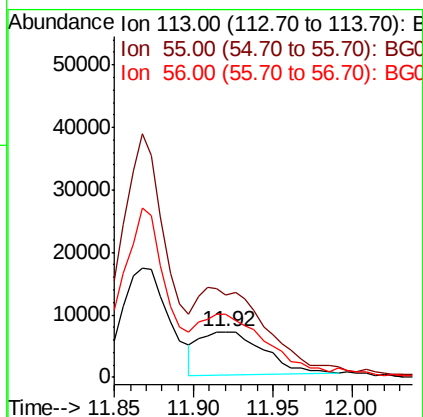
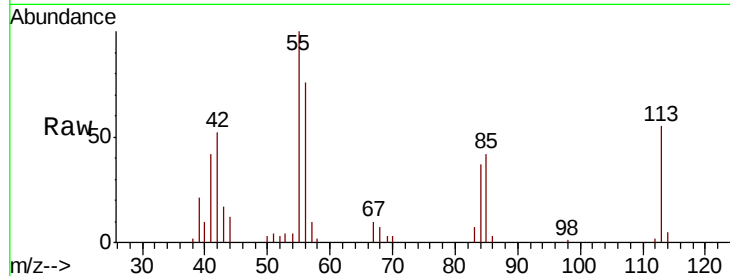




#35
Caprolactam
Concen: 13.104 ng
RT: 11.92 min Scan# 1469
Delta R.T. 0.04 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

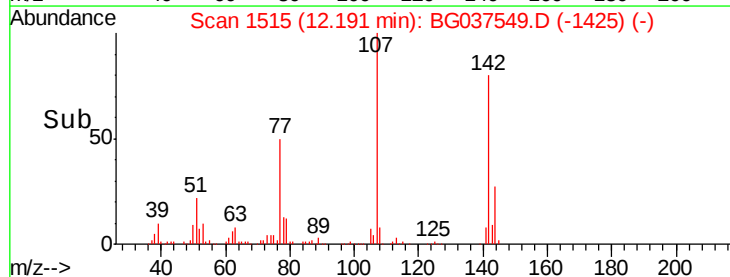
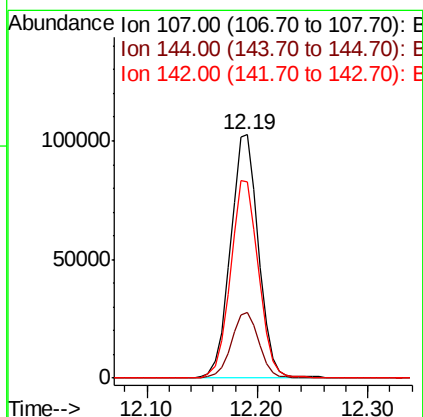
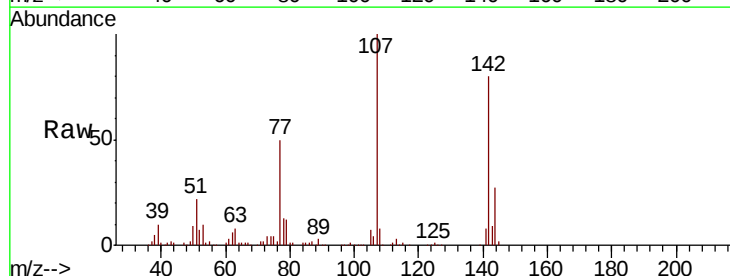
Instrument :
BNA_G
ClientSampleId :
PB114142BS

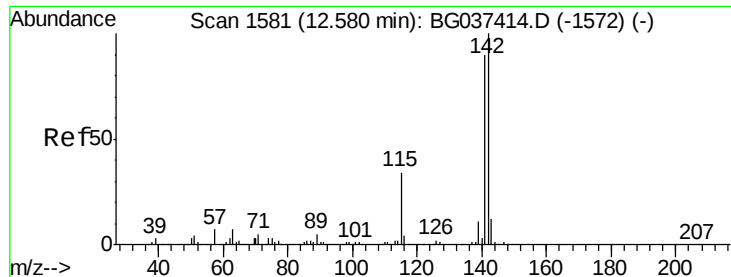
Tot Ion:113 Resp: 19721
Ion Ratio Lower Upper
113 100
55 181.1 176.6 216.6
56 137.1 128.3 168.3



#36
4-Chloro-3-methylphenol
Concen: 43.228 ng
RT: 12.19 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:107 Resp: 182940
Ion Ratio Lower Upper
107 100
144 26.9 20.7 31.1
142 80.4 64.4 96.6

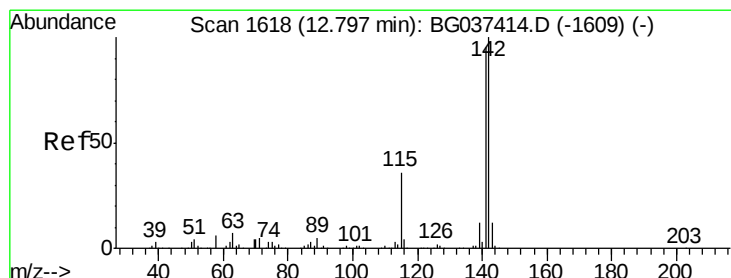
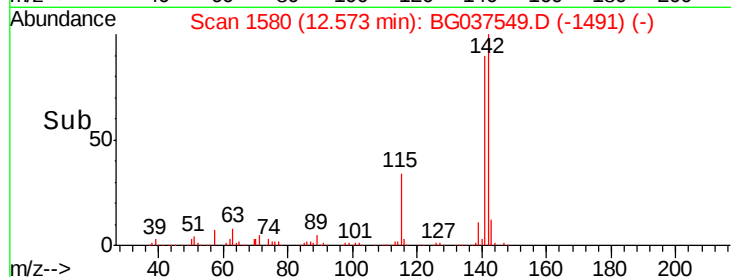
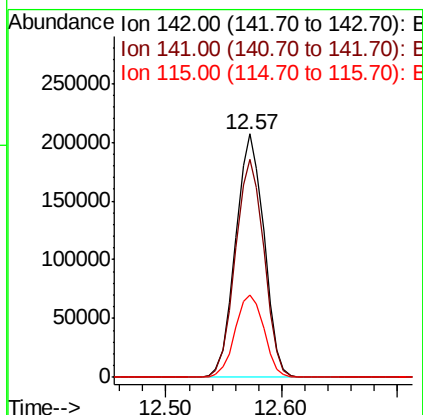
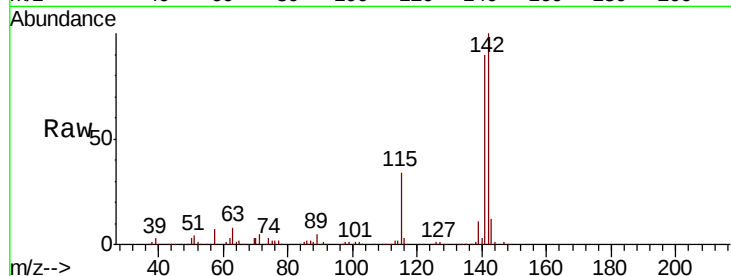




#37
2-Methylnaphthalene
Concen: 43.530 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

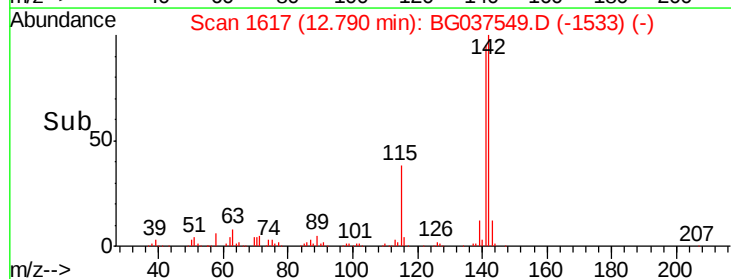
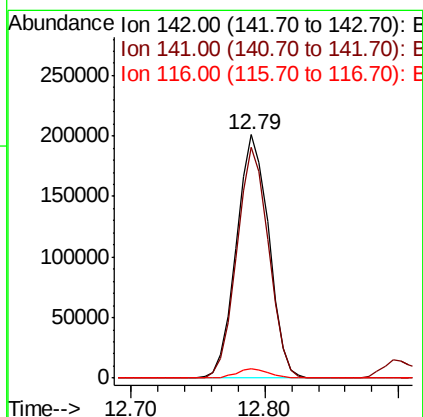
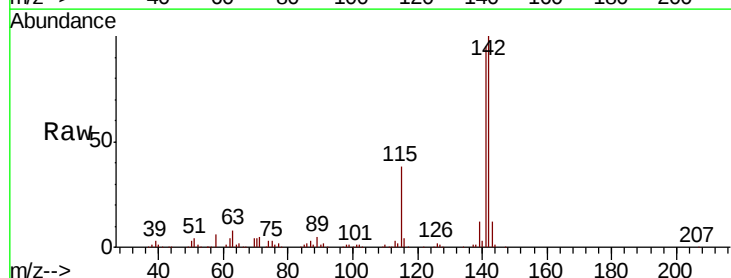
Instrument :
BNA_G
ClientSampled :
PB114142BS

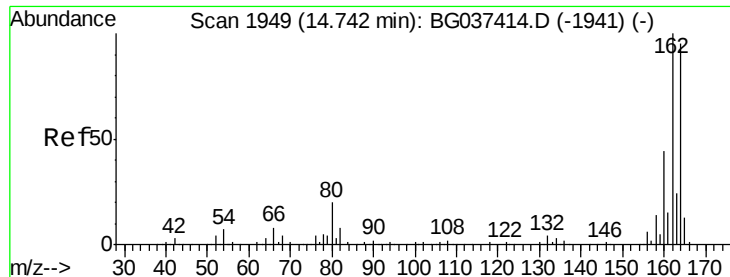
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	34.0	27.8	41.8



#38
1-Methylnaphthalene
Concen: 42.986 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

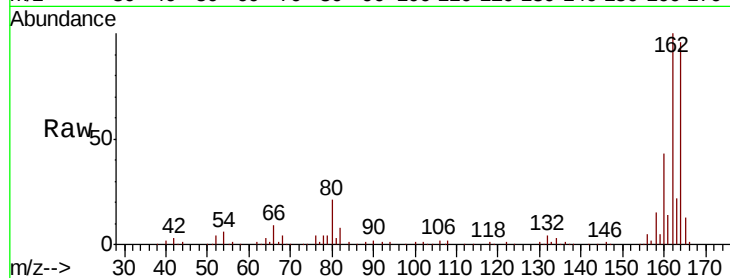
Tot Ion:164 Resp: 156478

Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

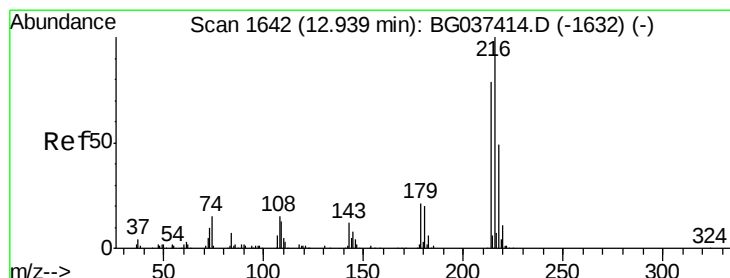
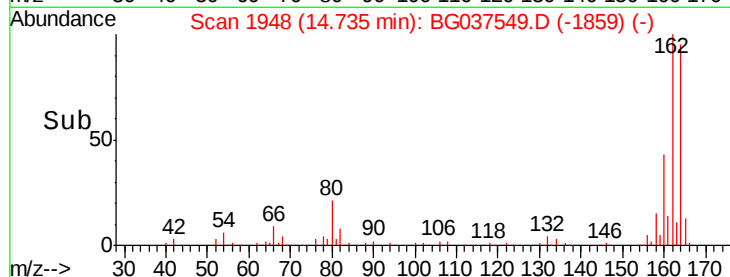
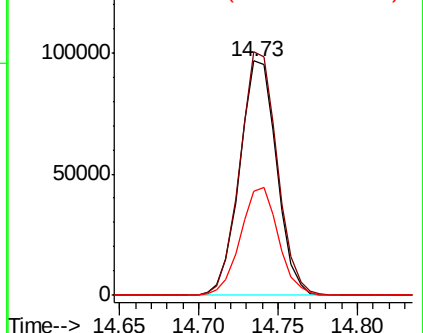
160 44.5 36.3 54.5



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: 34.490 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Tgt Ion:216 Resp: 174080

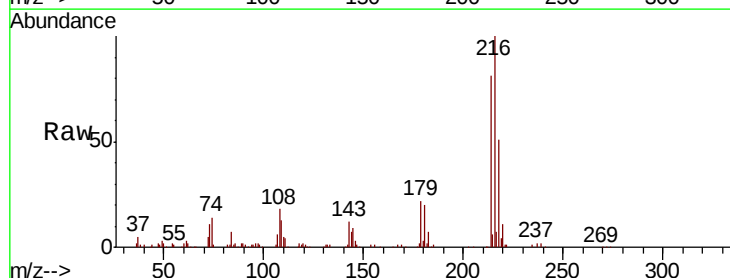
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 21.5 17.4 26.0

108 20.1 13.9 20.9

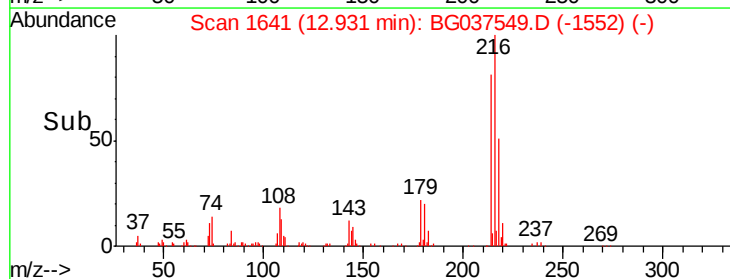
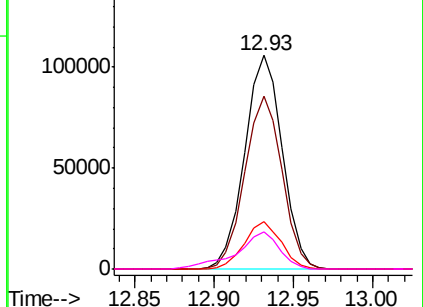


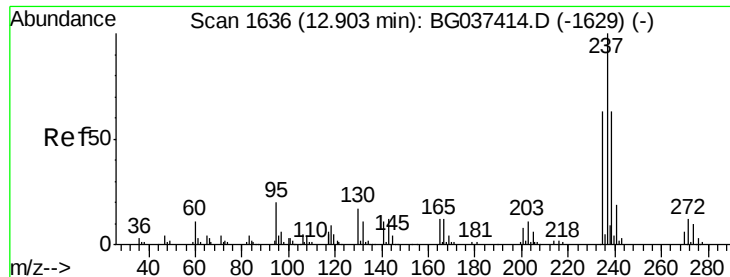
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.136 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

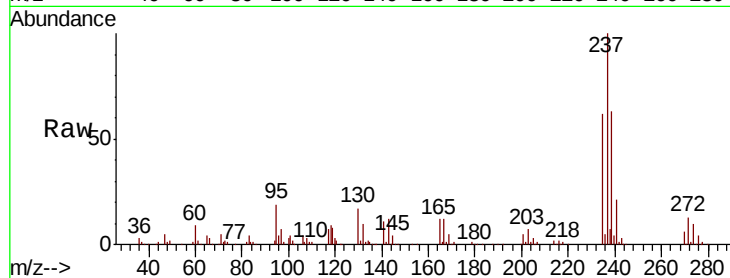
BNA_G

ClientSampleId :

PB114142BS

Tot Ion:237 Resp: 207670

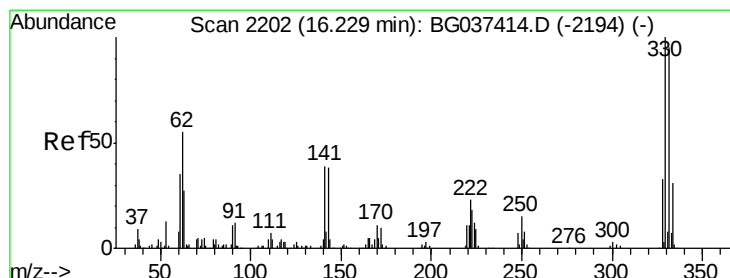
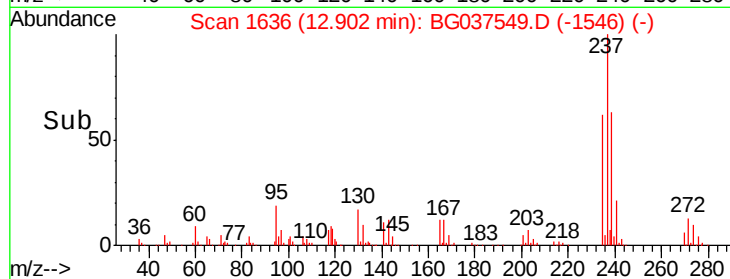
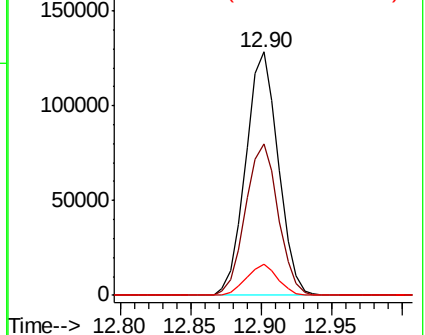
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.5	82.5
272	12.7	0.0	31.6



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: 119.124 ng

RT: 16.23 min Scan# 2202

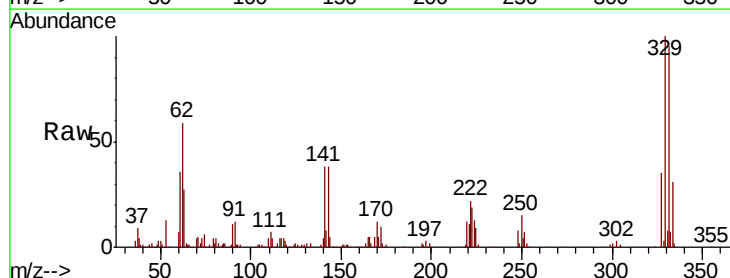
Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Tgt Ion:330 Resp: 203308

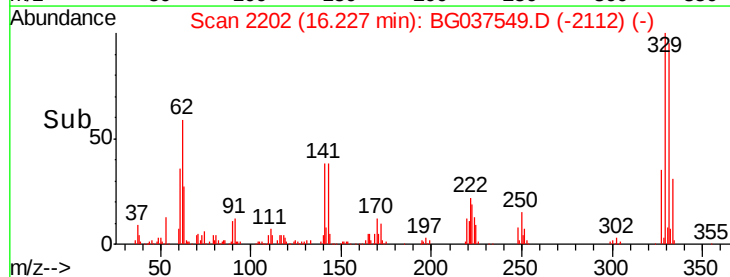
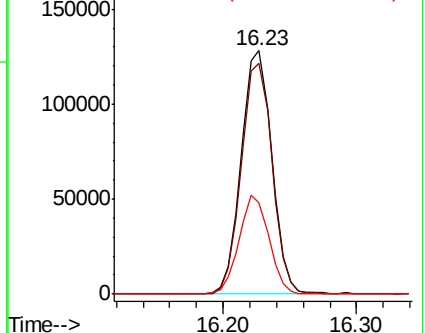
Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	39.8	32.2	48.2

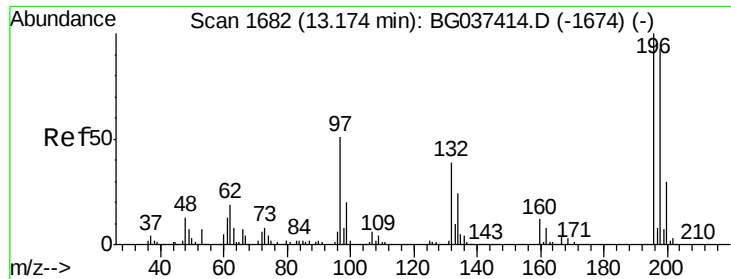


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

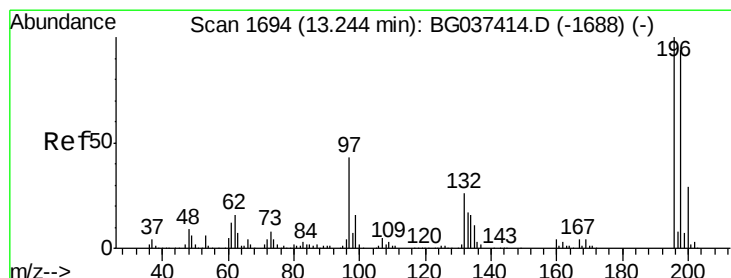
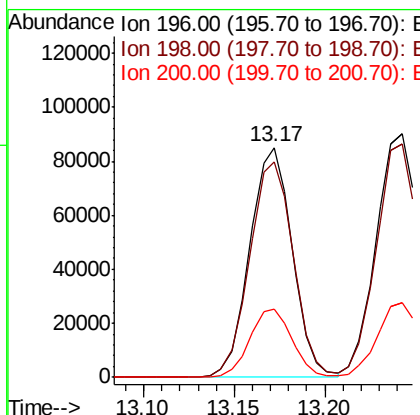
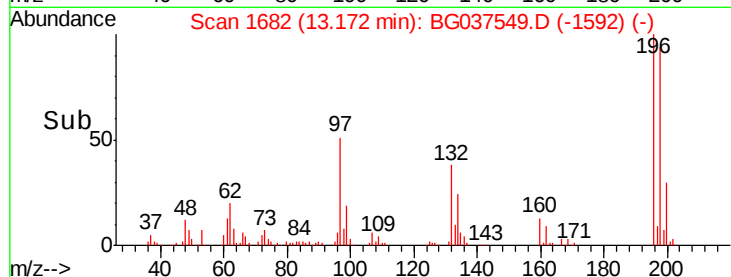
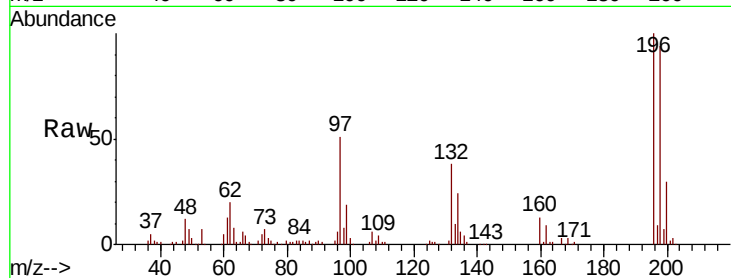




#43
 2,4,6-Trichlorophenol
 Concen: 41.036 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

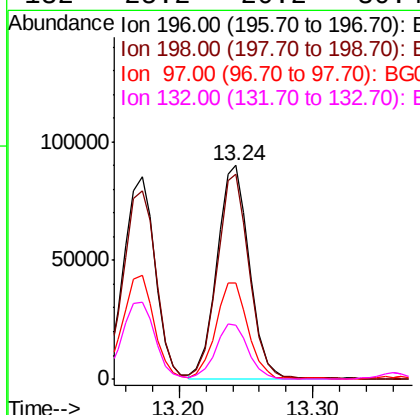
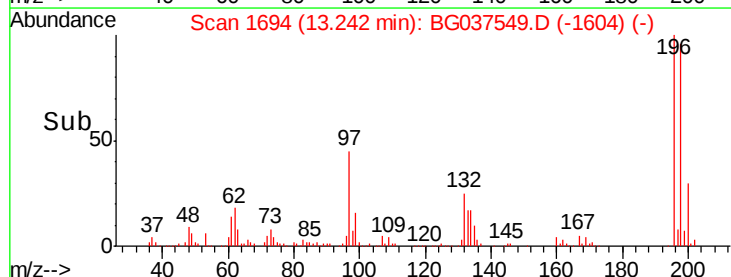
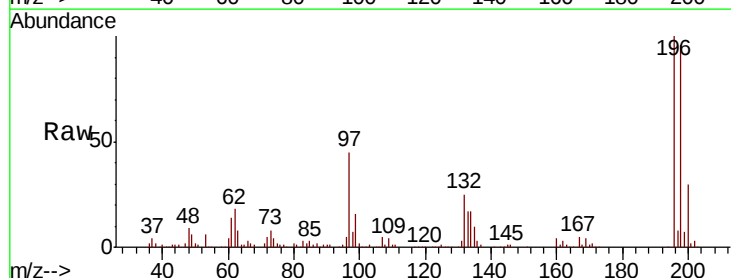
Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

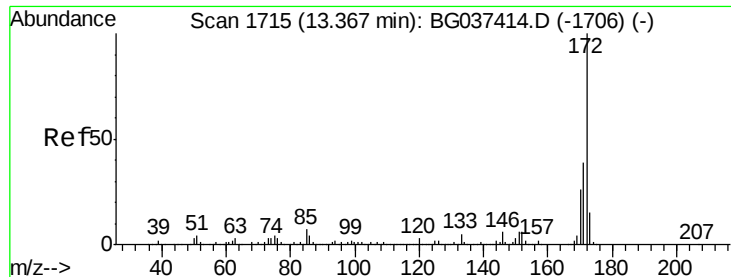
Tot Ion:196 Resp: 138374
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.4 114.6
 200 30.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.653 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion:196 Resp: 152922
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.2 111.2
 97 45.0 34.1 51.1
 132 25.2 20.2 30.4

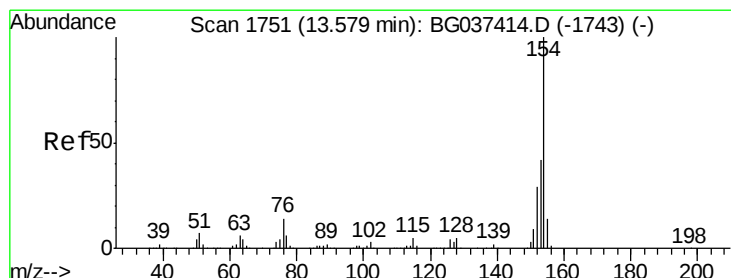
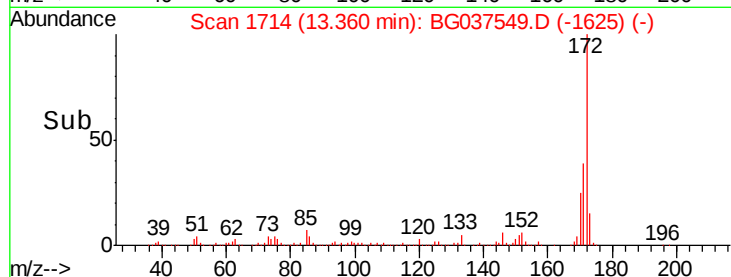
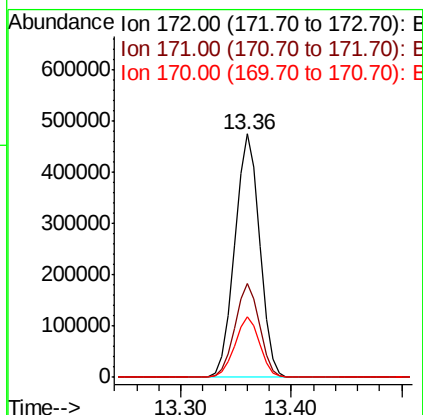
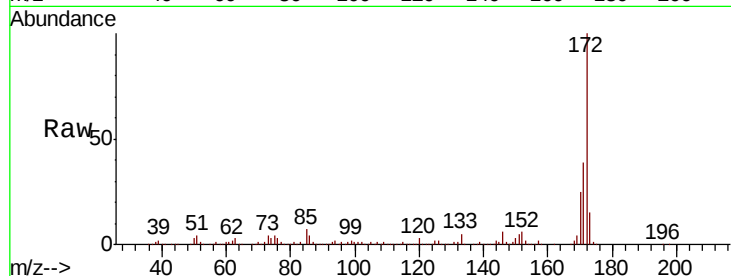




#45
2-Fluorobiphenyl
Concen: 72.574 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

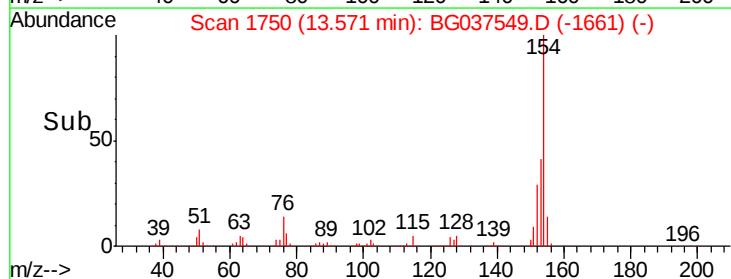
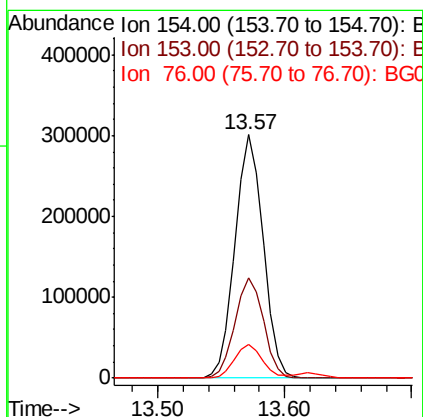
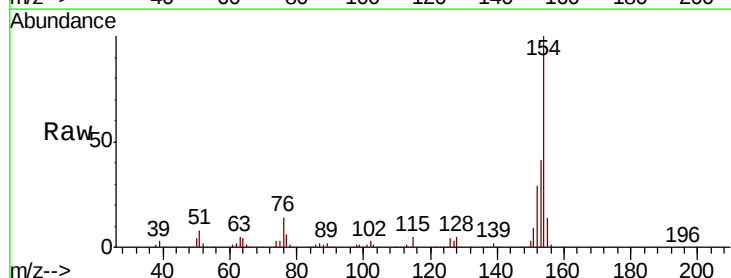
Instrument :
BNA_G
ClientSampleId :
PB114142BS

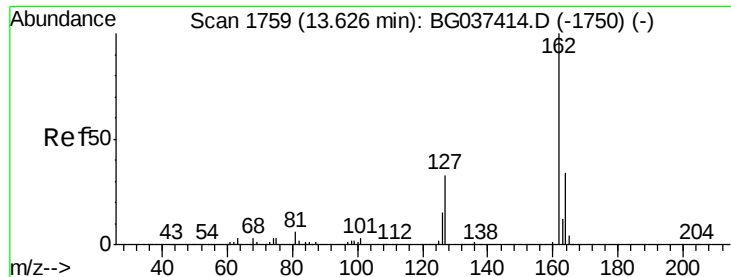
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	24.6	20.2	30.2



#46
1,1'-Biphenyl
Concen: 35.634 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.1	62.1
76	13.9	0.0	33.2

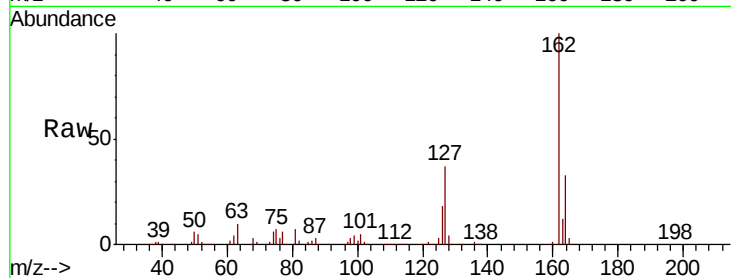




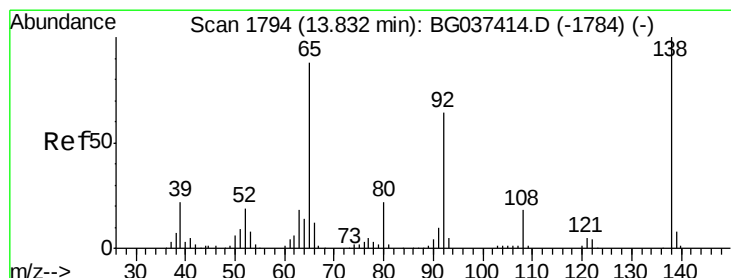
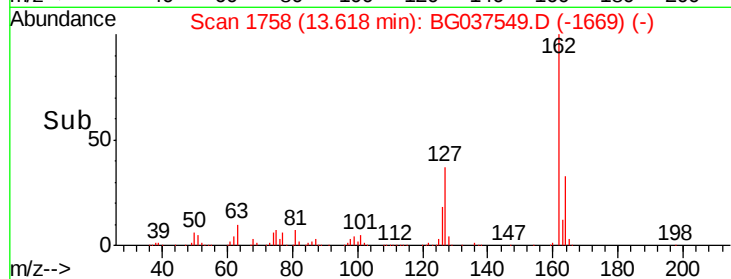
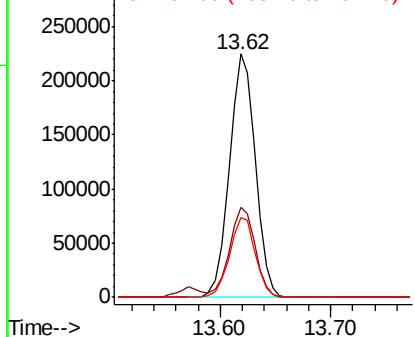
#47
 2-Chloronaphthalene
 Concen: 37.606 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion: 162 Resp: 368691
 Ion Ratio Lower Upper
 162 100
 127 36.9 30.5 45.7
 164 32.6 26.4 39.6

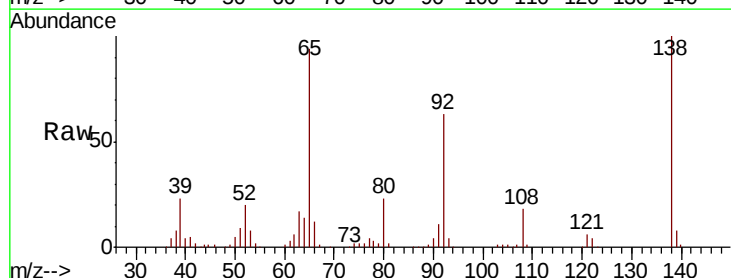


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

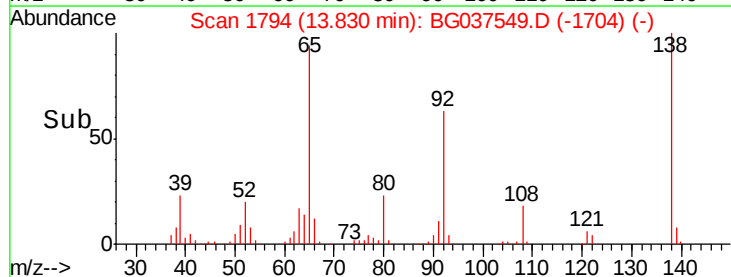
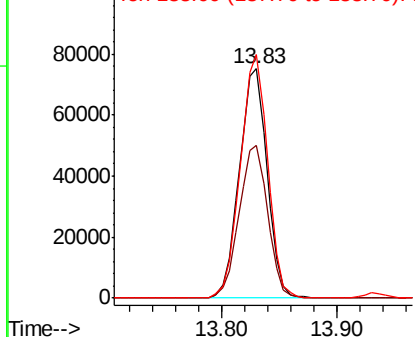


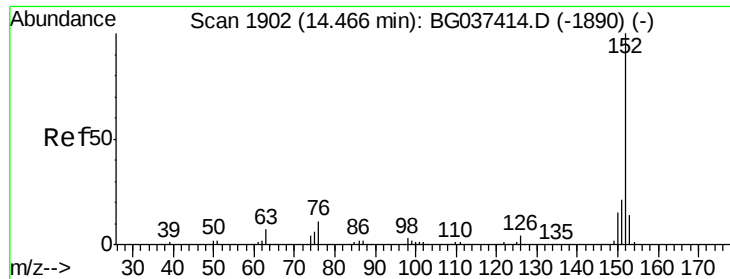
#48
 2-Nitroaniline
 Concen: 42.175 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion: 65 Resp: 125391
 Ion Ratio Lower Upper
 65 100
 92 66.9 53.2 79.8
 138 106.2 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: 42.064 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

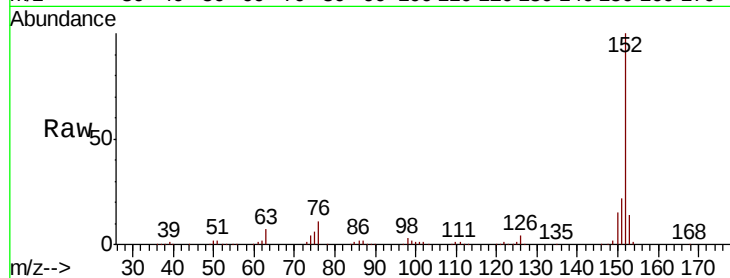
Tot Ion:152 Resp: 620355

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

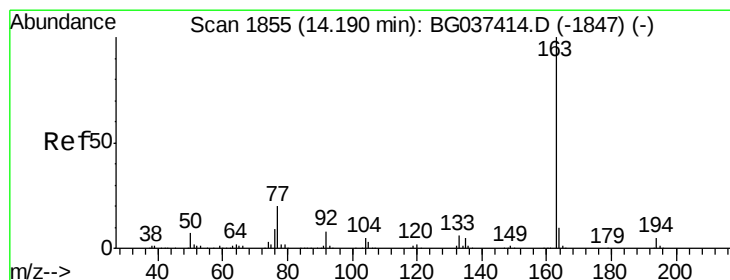
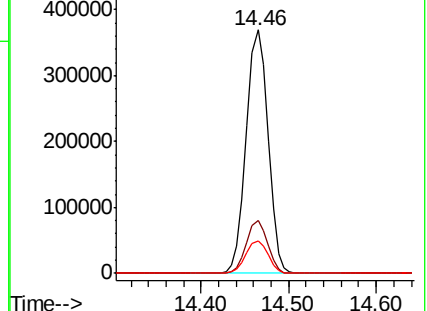
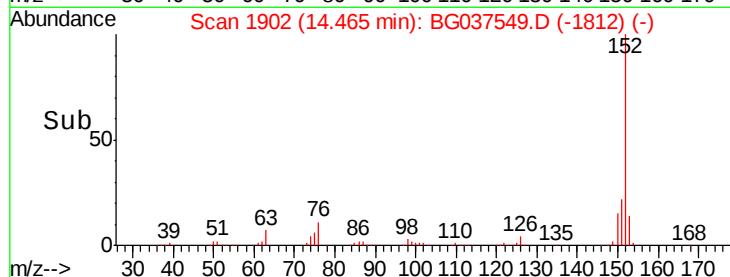
153 13.6 11.1 16.7



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: 40.871 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

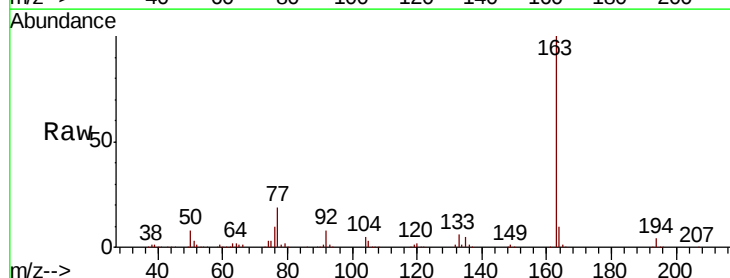
Tgt Ion:163 Resp: 494755

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

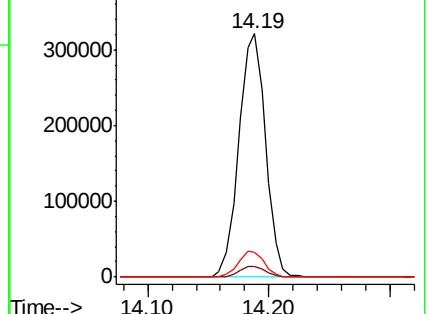
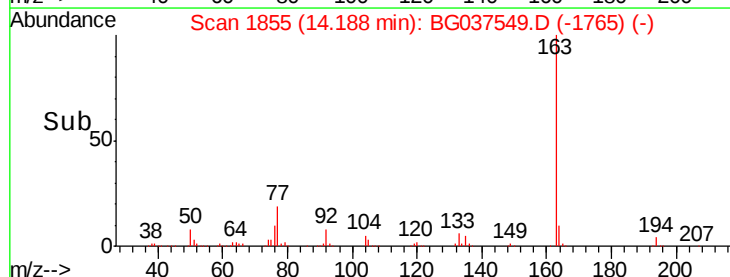
164 10.4 8.5 12.7

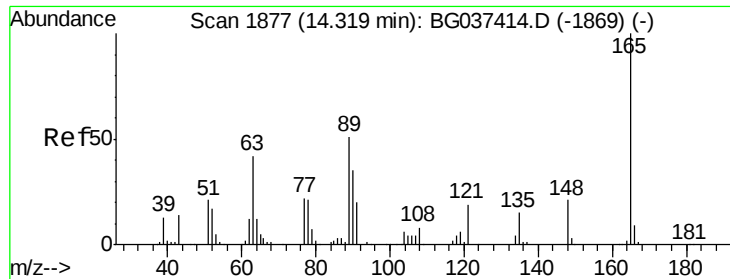


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

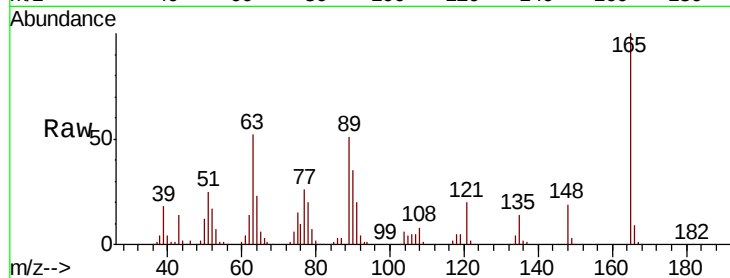




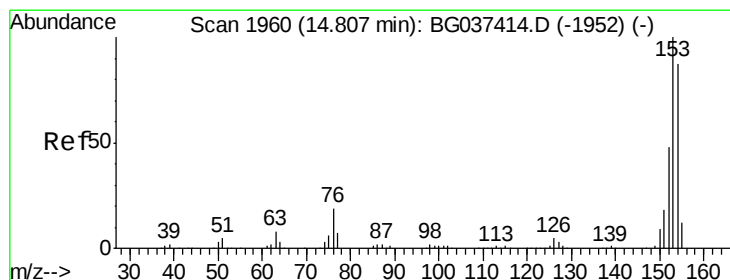
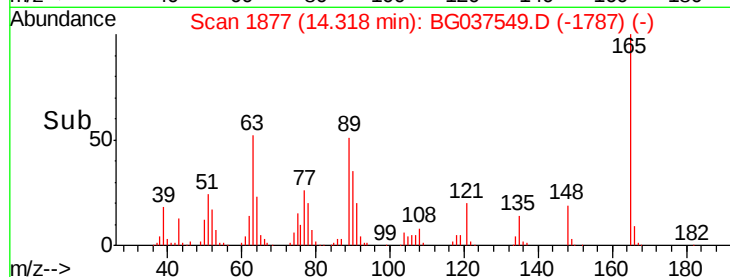
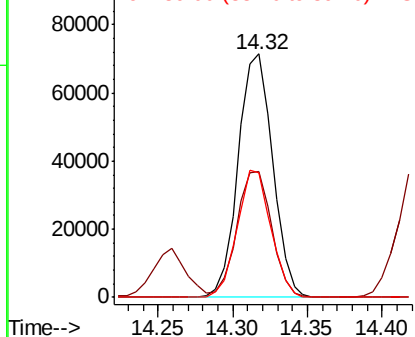
#51
2,6-Dinitrotoluene
Concen: 42.749 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleID :
PB114142BS

Tot Ion:165 Resp: 114480
Ion Ratio Lower Upper
165 100
63 51.9 43.4 65.2
89 51.1 45.8 68.6

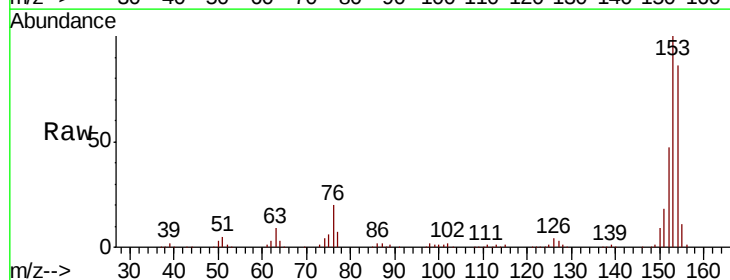


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

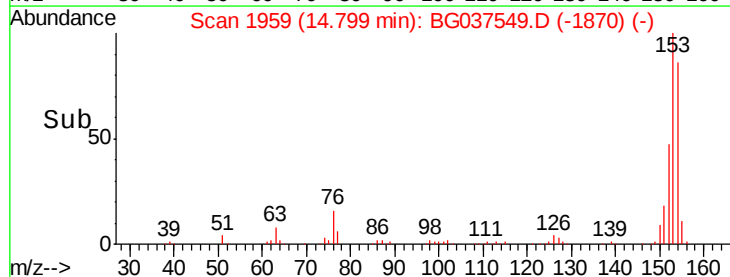
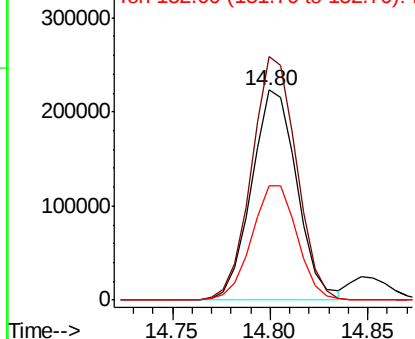


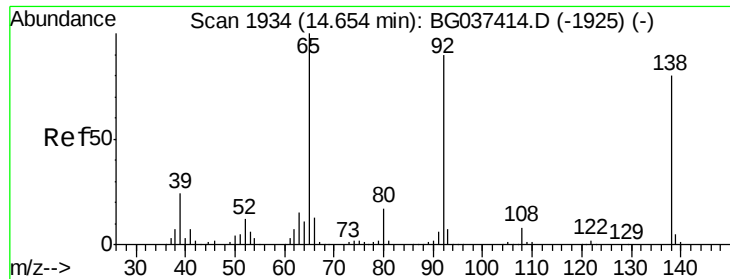
#52
Acenaphthene
Concen: 39.583 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:154 Resp: 359528
Ion Ratio Lower Upper
154 100
153 116.1 93.4 140.0
152 54.6 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: 16.450 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

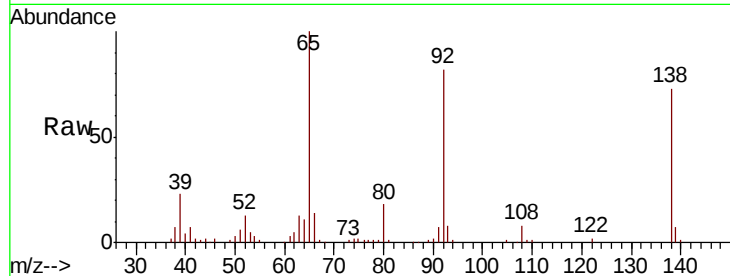
Tot Ion:138 Resp: 48904

Ion Ratio Lower Upper

138 100

108 11.6 11.0 16.6

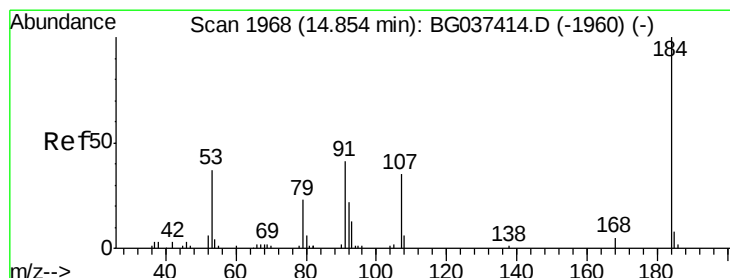
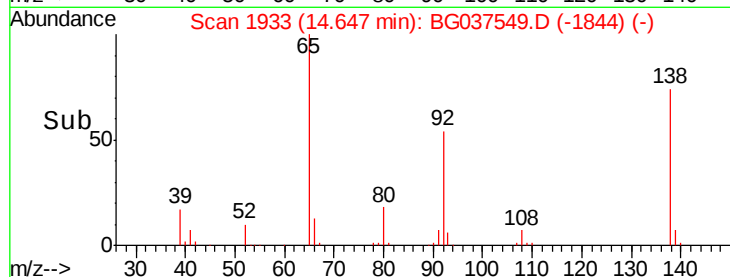
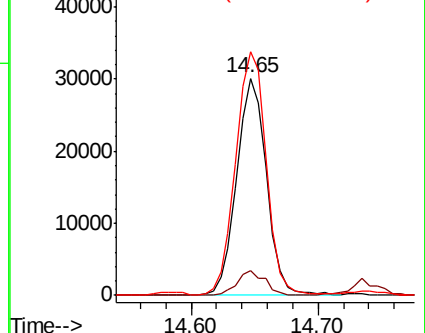
92 112.0 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 70.064 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

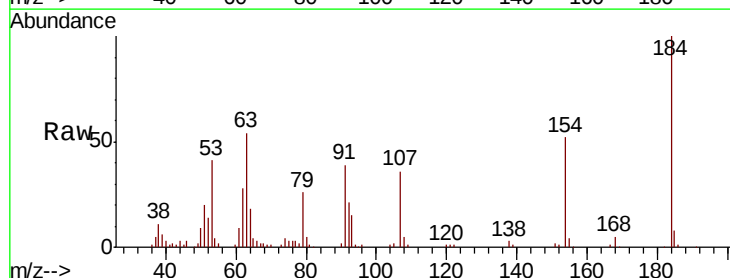
Tgt Ion:184 Resp: 76398

Ion Ratio Lower Upper

184 100

63 54.5 42.6 63.8

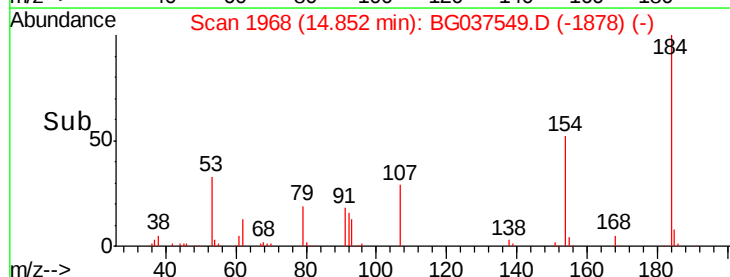
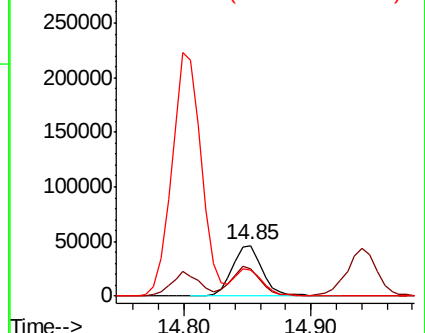
154 51.7 41.8 62.6

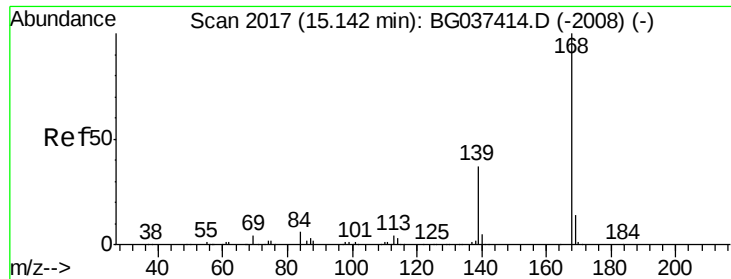


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.172 ng

RT: 15.13 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

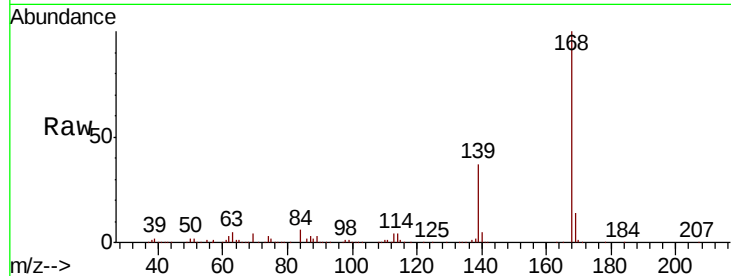
Tot Ion:168 Resp: 589491

Ion Ratio Lower Upper

168 100

139 37.1 29.4 44.0

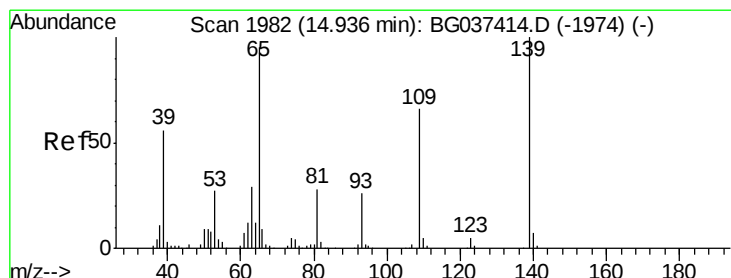
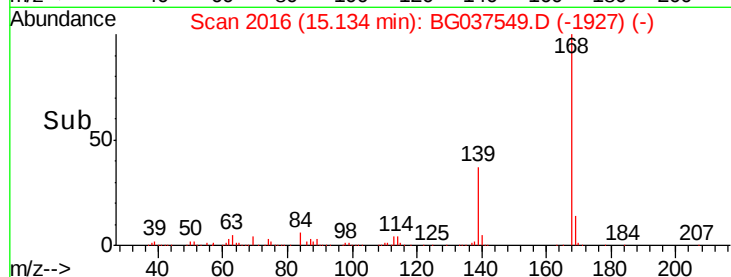
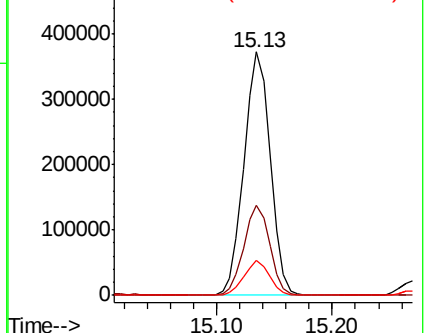
169 14.3 11.0 16.6



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: 115.927 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

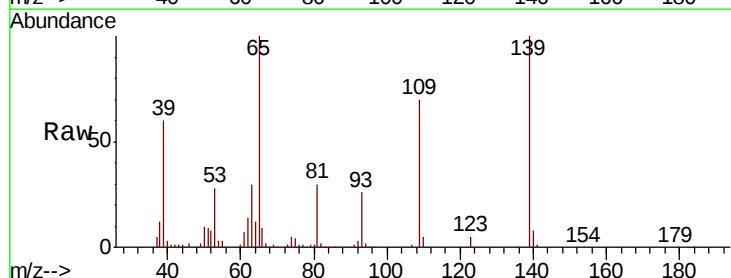
Tgt Ion:139 Resp: 255103

Ion Ratio Lower Upper

139 100

109 70.0 49.5 89.5

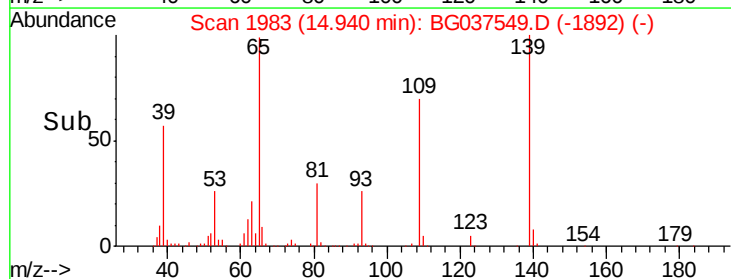
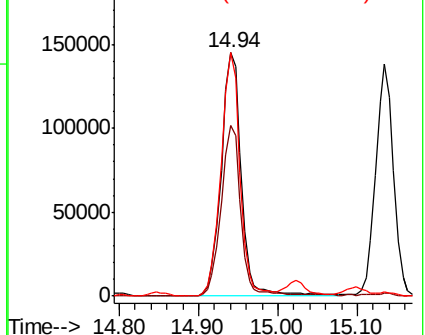
65 99.9 76.8 116.8

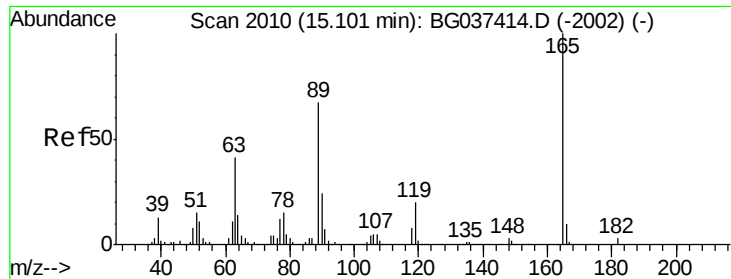


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

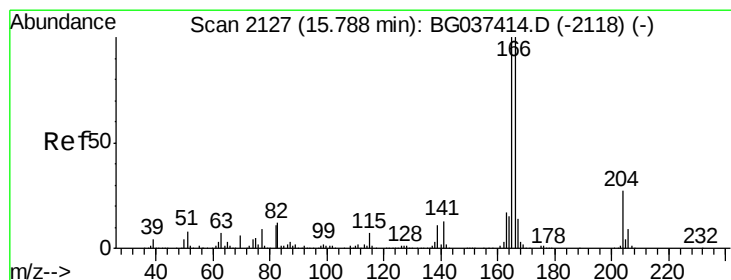
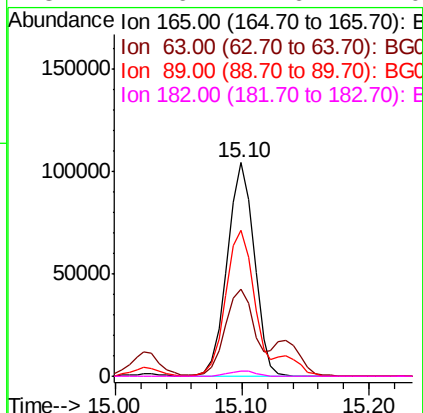
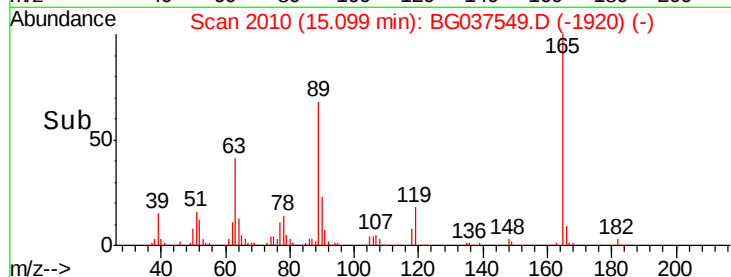
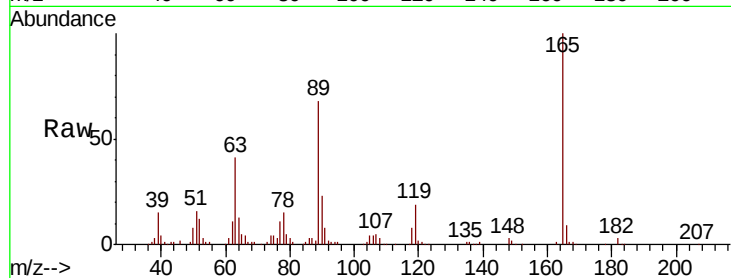




#57
2,4-Dinitrotoluene
Concen: 43.699 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

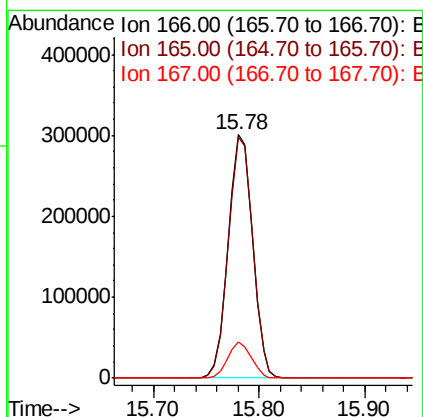
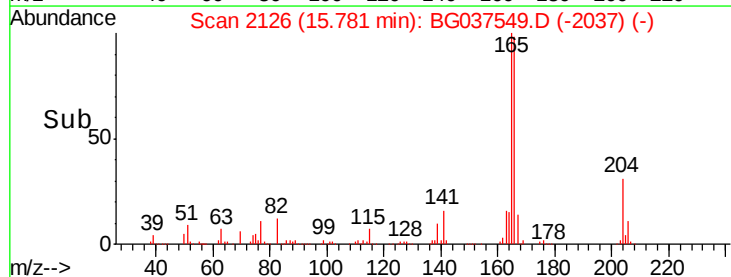
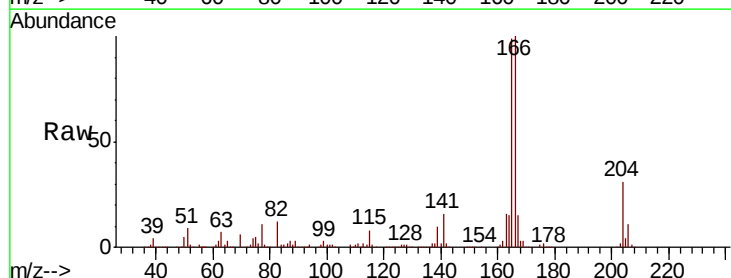
Instrument :
BNA_G
ClientSampleId :
PB114142BS

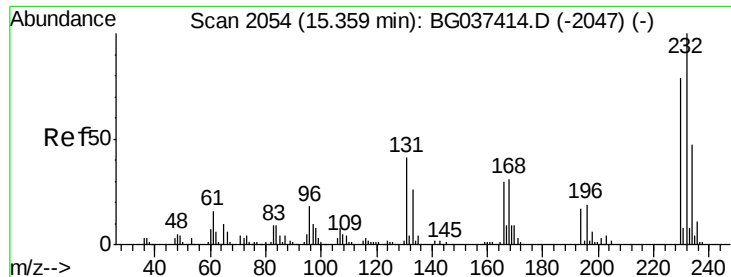
Tot Ion:165 Resp: 153615
Ion Ratio Lower Upper
165 100
63 40.9 33.4 50.0
89 68.1 57.2 85.8
182 2.6 2.6 4.0#



#58
Fluorene
Concen: 42.371 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:166 Resp: 477495
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.6
167 15.1 11.3 16.9

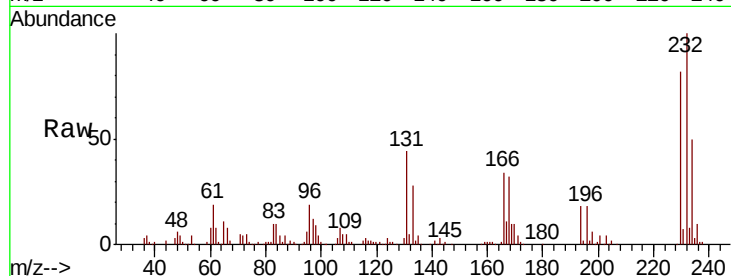




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.509 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	33.7	50.5
130	2.6	2.1	3.1
166	31.8	24.6	36.8



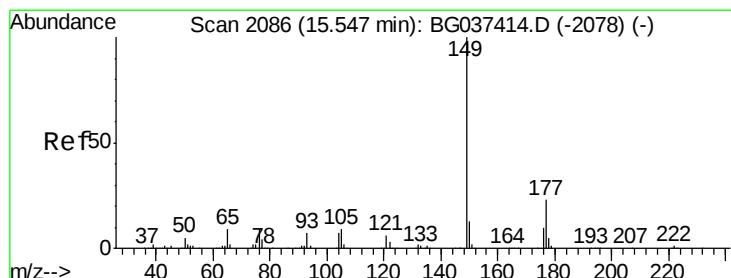
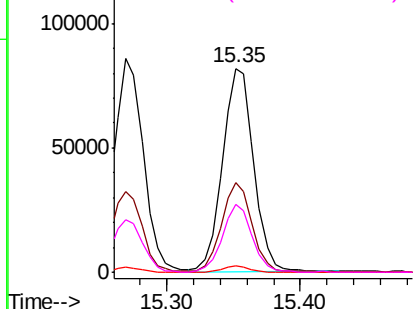
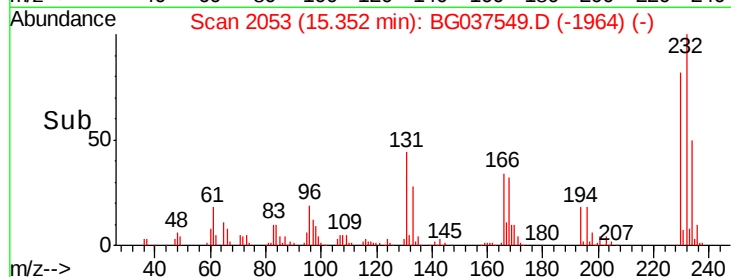
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

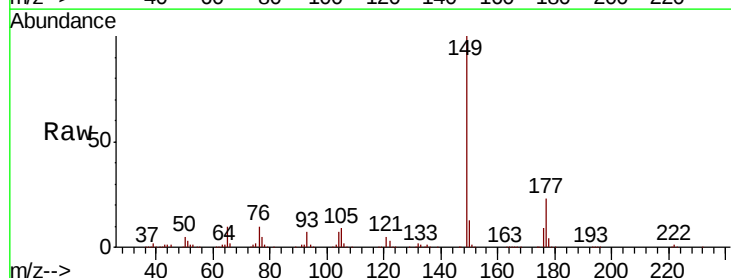
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.191 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

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

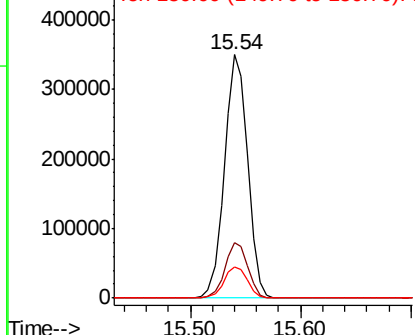
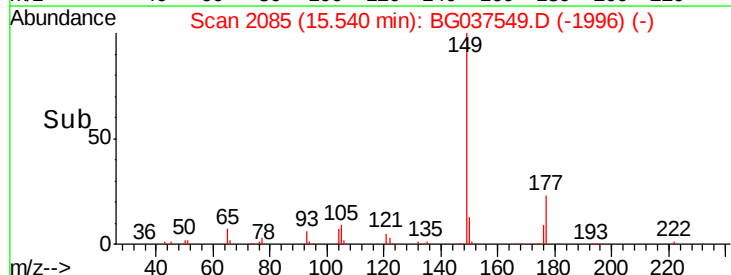


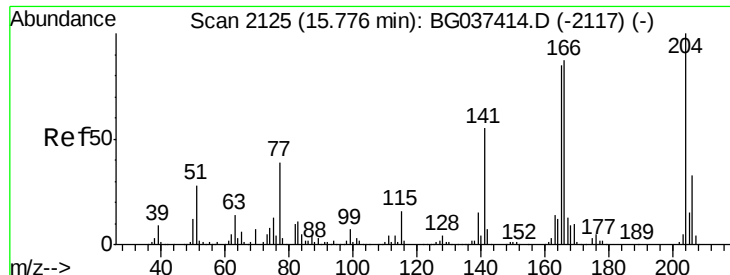
Abundance

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

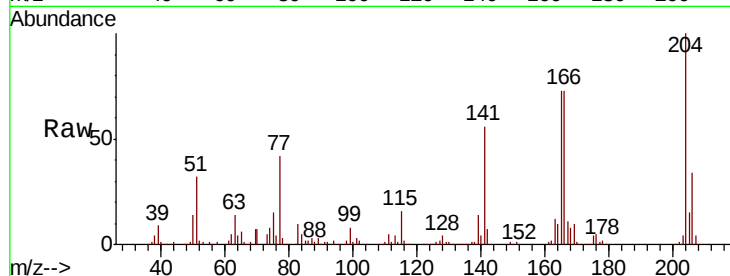




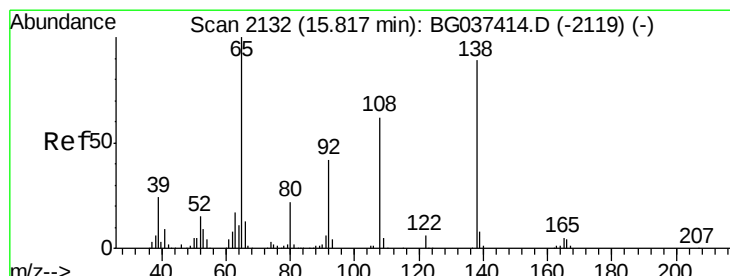
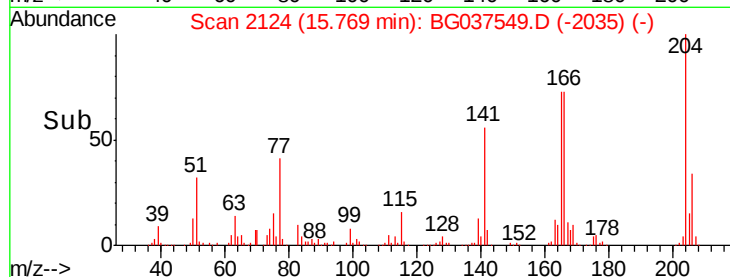
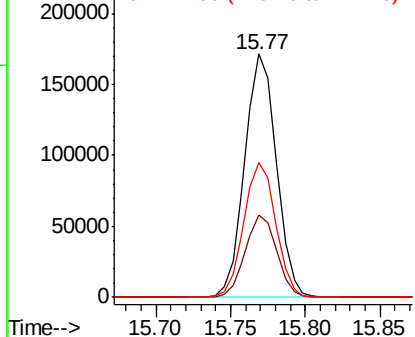
#61
4-Chlorophenyl-phenylether
Concen: 38.139 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion:204 Resp: 250516
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 55.6 45.4 68.2

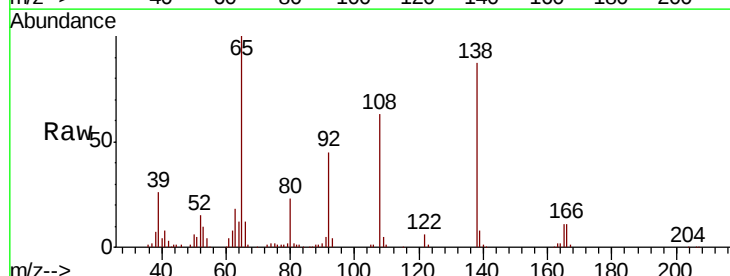


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

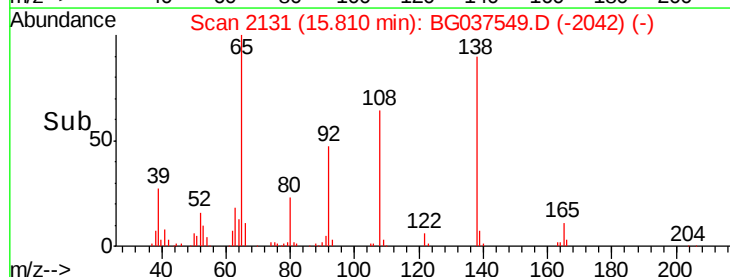
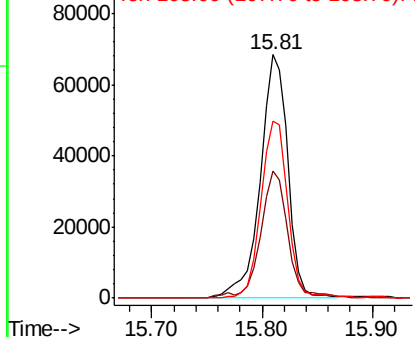


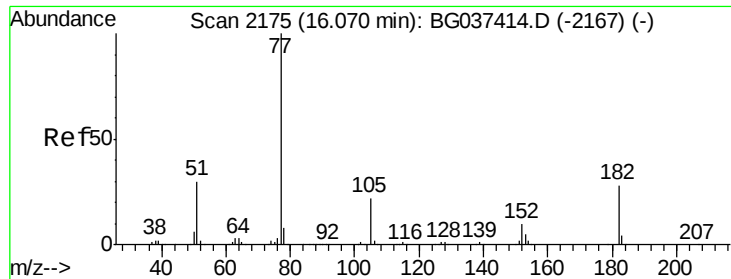
#62
4-Nitroaniline
Concen: 40.587 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:138 Resp: 119896
Ion Ratio Lower Upper
138 100
92 52.1 36.4 76.4
108 72.5 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

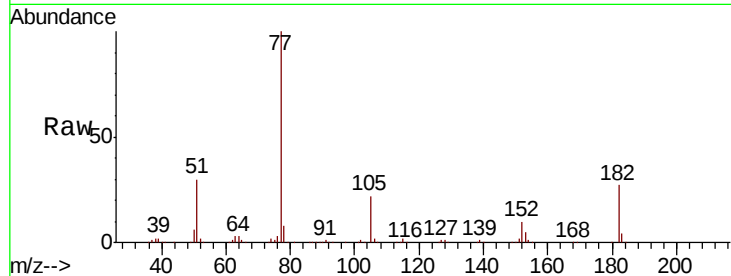




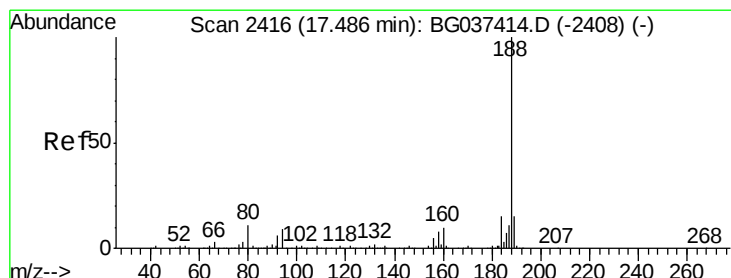
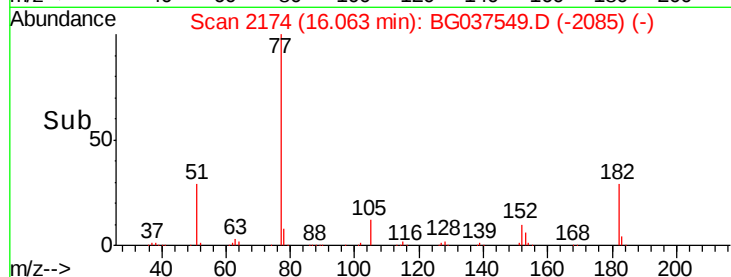
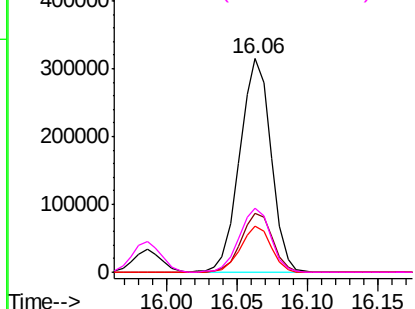
#63
Azobenzene
Concen: 41.092 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Instrument :
BNA_G
ClientSampleId :
PB114142BS

Tot Ion: 77 Resp: 487265
Ion Ratio Lower Upper
77 100
182 27.4 8.0 48.0
105 21.6 1.3 41.3
51 30.2 10.7 50.7

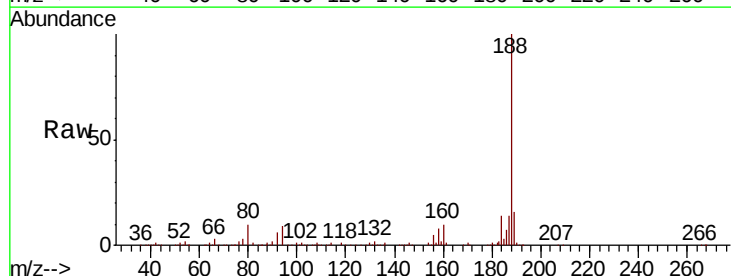


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

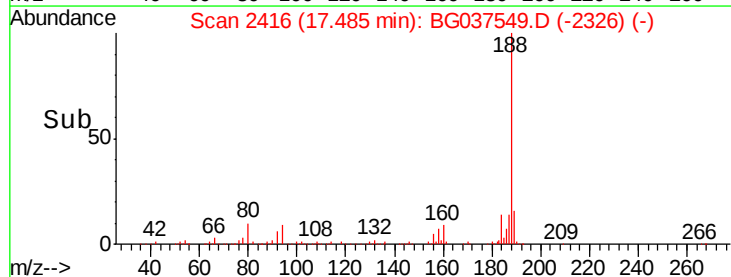
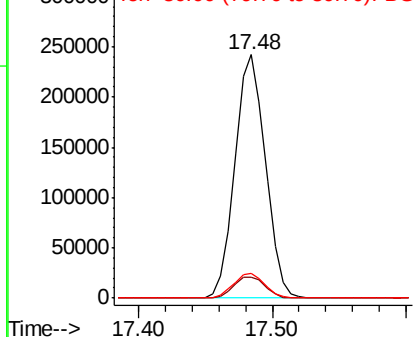


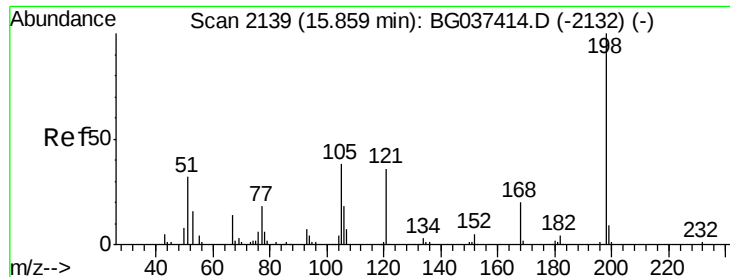
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion: 188 Resp: 383780
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.683 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

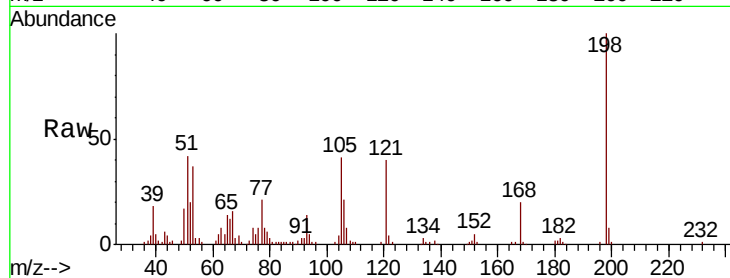
Tot Ion:198 Resp: 71415

Ion	Ratio	Lower	Upper
198	100		
51	41.7	22.7	62.7
105	41.4	19.7	59.7

198 100

51 41.7 22.7 62.7

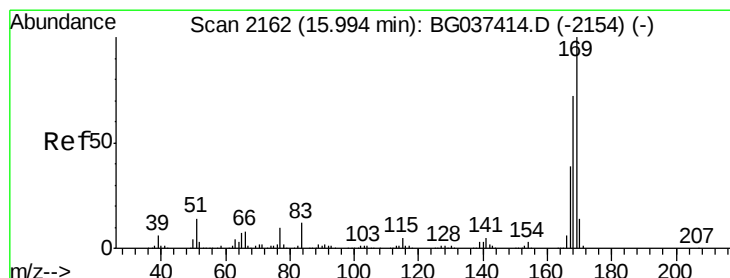
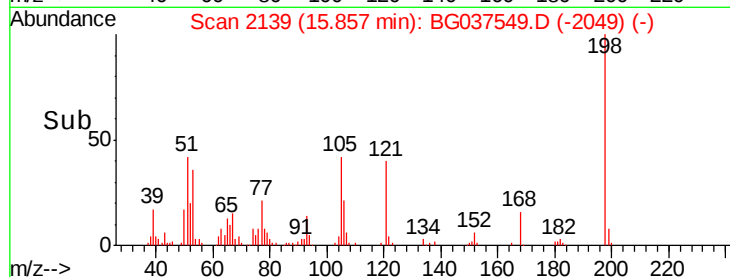
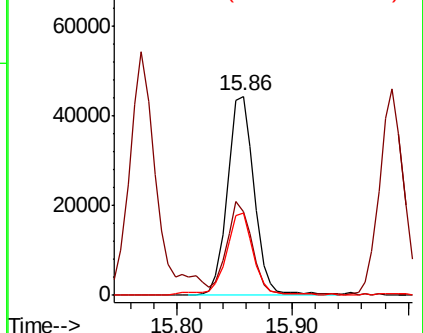
105 41.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.015 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

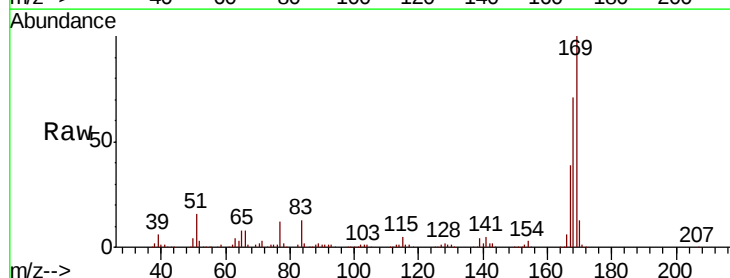
Tgt Ion:169 Resp: 438848

Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.7	83.5
167	38.8	31.3	46.9

169 100

168 71.0 55.7 83.5

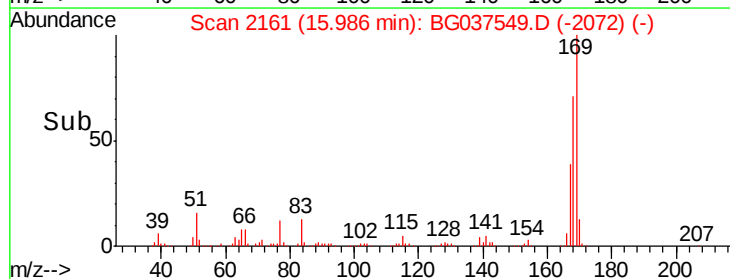
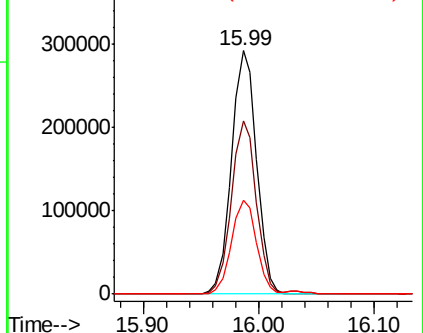
167 38.8 31.3 46.9

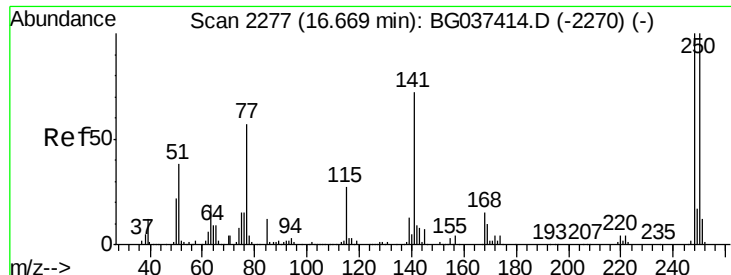


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

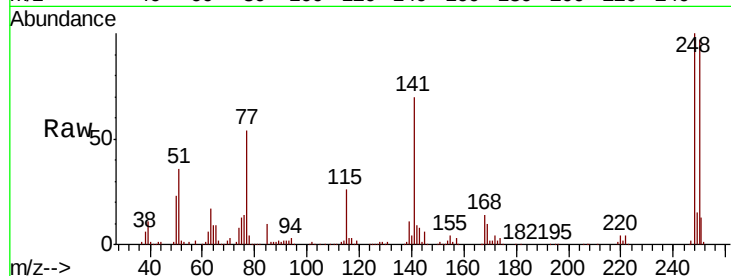




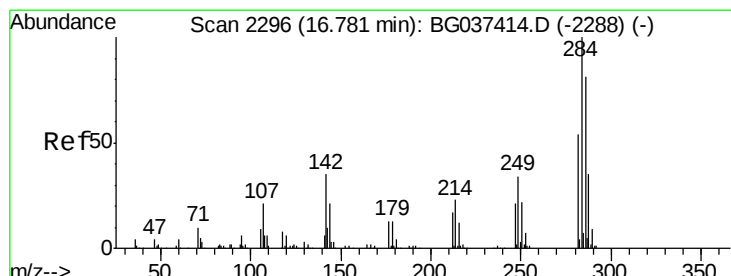
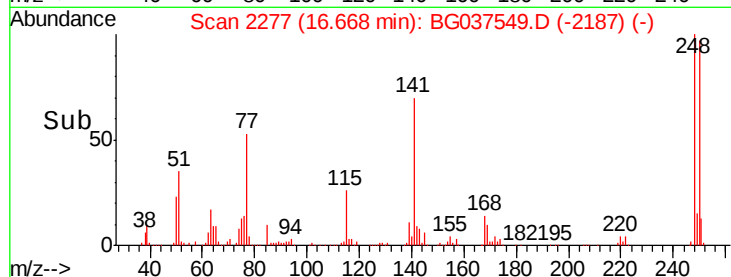
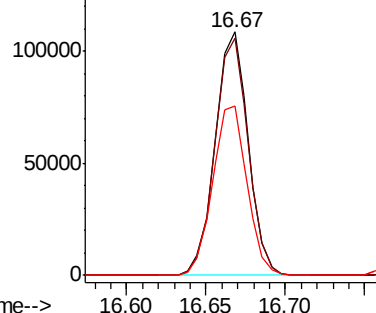
#67
 4-Bromophenyl-phenylether
 Concen: 37.119 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion:248 Resp: 156438
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.0 115.6
 141 69.7 55.5 83.3

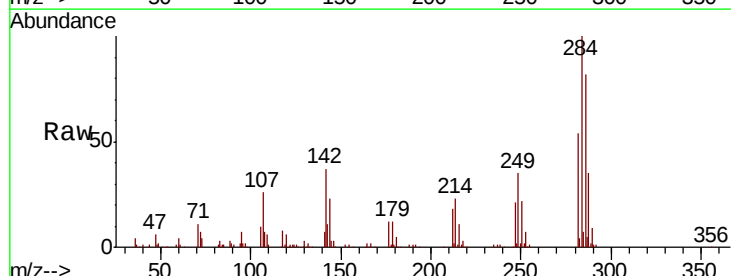


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

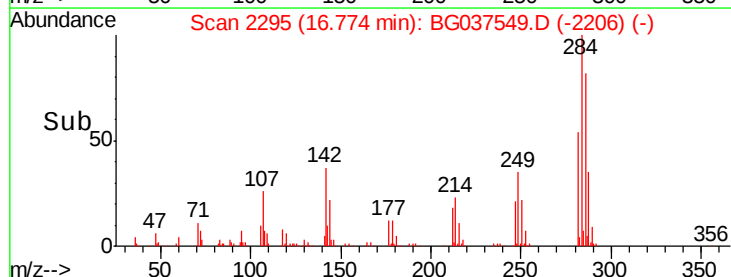
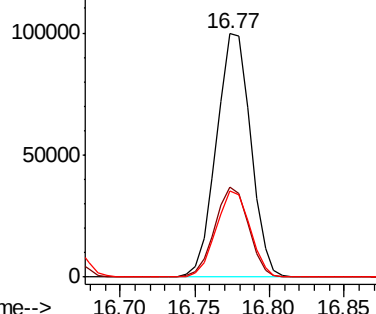


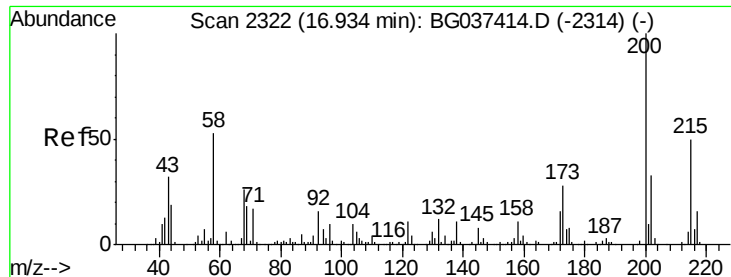
#68
 Hexachlorobenzene
 Concen: 36.312 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion:284 Resp: 158612
 Ion Ratio Lower Upper
 284 100
 142 37.0 28.1 42.1
 249 37.7 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

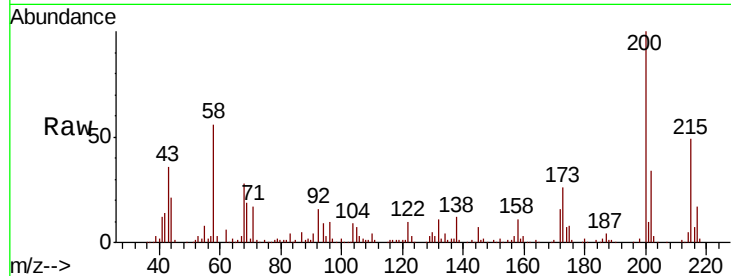




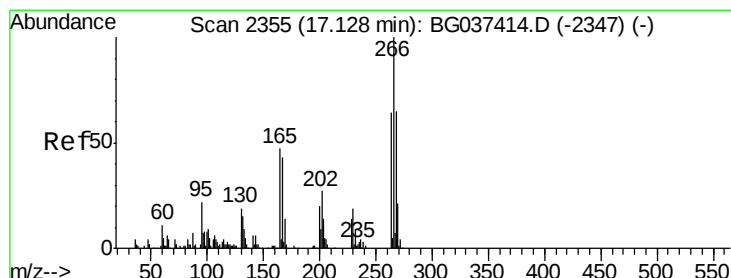
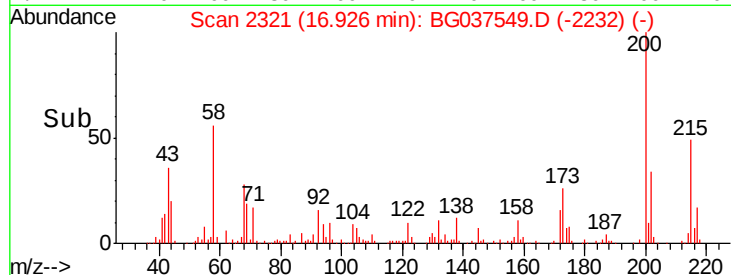
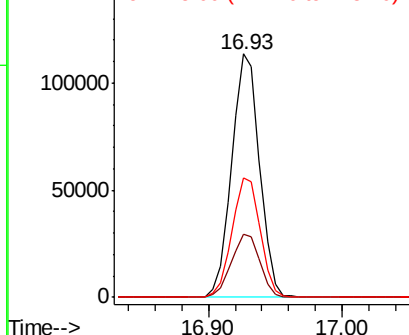
#69
 Atrazine
 Concen: 39.463 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BS

Tot Ion:200 Resp: 164712
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.1 46.1
 215 48.9 30.8 70.8

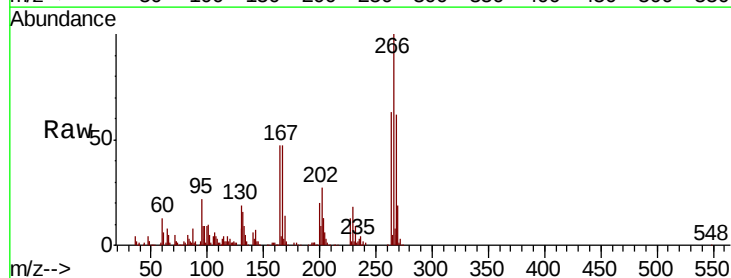


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

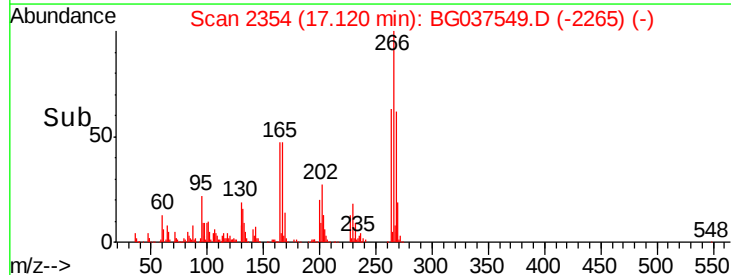
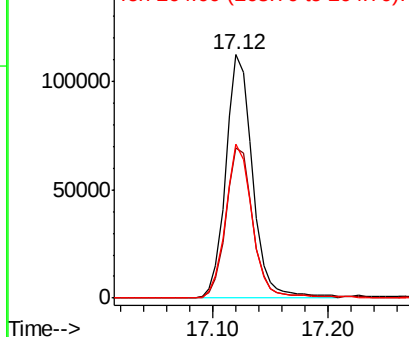


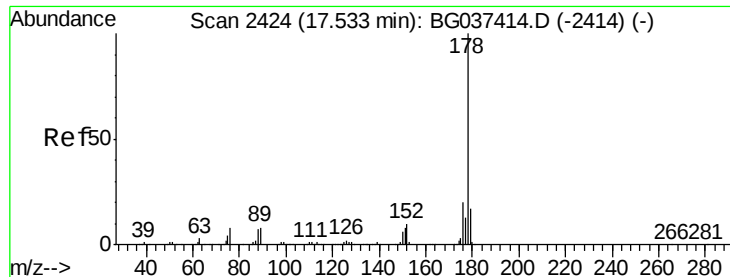
#70
 Pentachlorophenol
 Concen: 61.823 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037549.D
 Acq: 25 Oct 2018 17:39

Tgt Ion:266 Resp: 180882
 Ion Ratio Lower Upper
 266 100
 268 66.4 55.0 82.6
 264 68.0 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

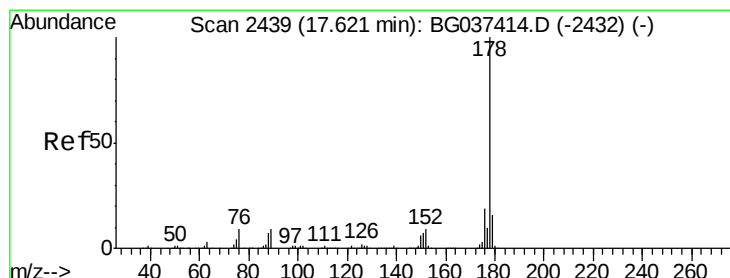
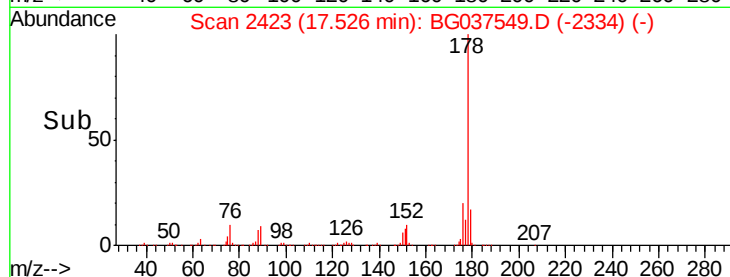
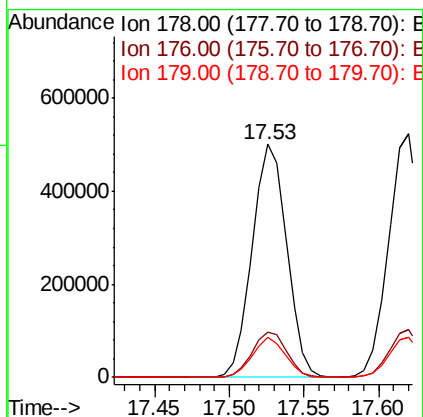
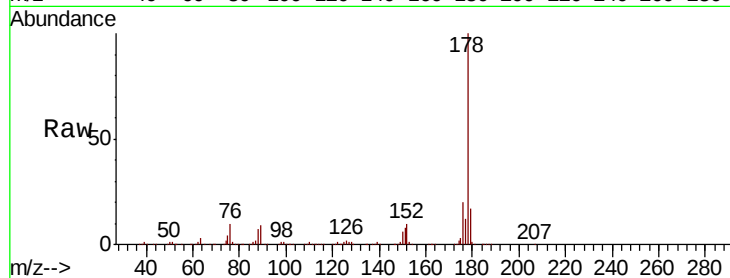




#71
Phenanthrene
Concen: 40.957 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

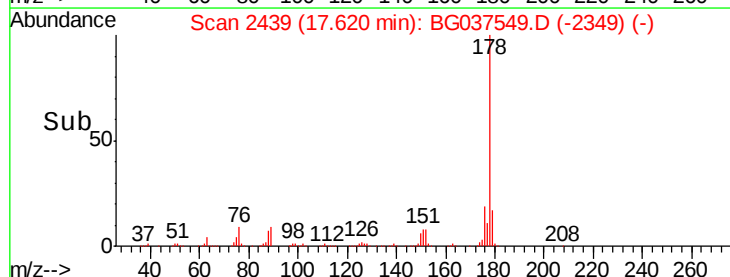
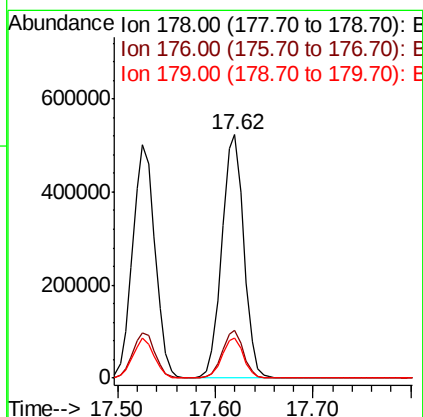
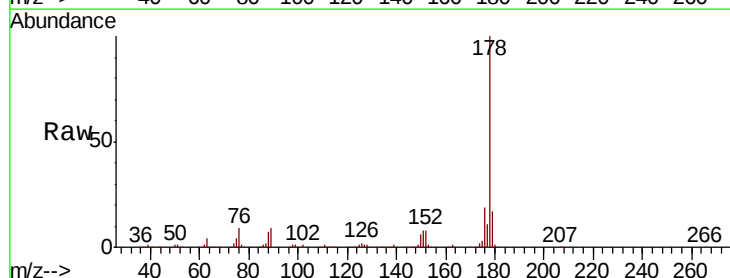
Instrument :
BNA_G
ClientSampleId :
PB114142BS

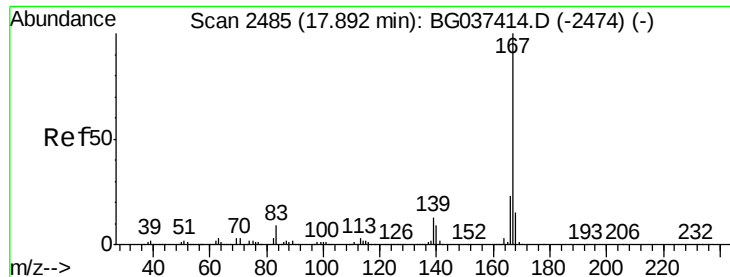
Tot Ion:178 Resp: 798862
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 17.3 13.0 19.4



#72
Anthracene
Concen: 42.545 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:178 Resp: 814373
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 16.6 12.8 19.2





#73

Carbazole

Concen: 38.369 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

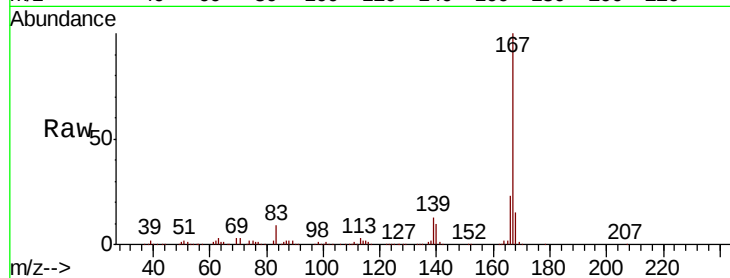
Tot Ion:167 Resp: 734658

Ion Ratio Lower Upper

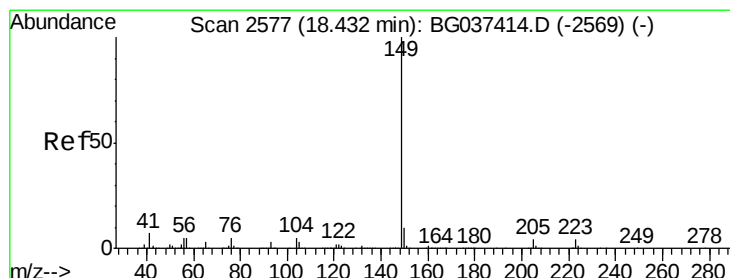
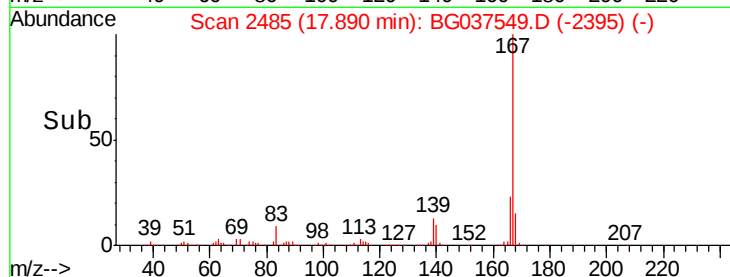
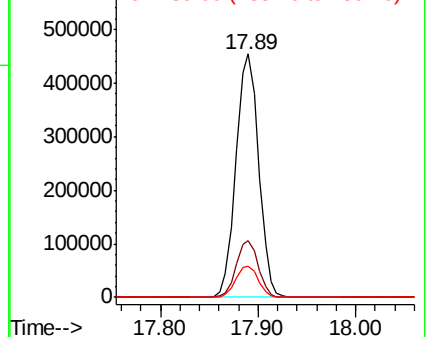
167 100

166 23.5 18.3 27.5

139 12.6 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: 41.525 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

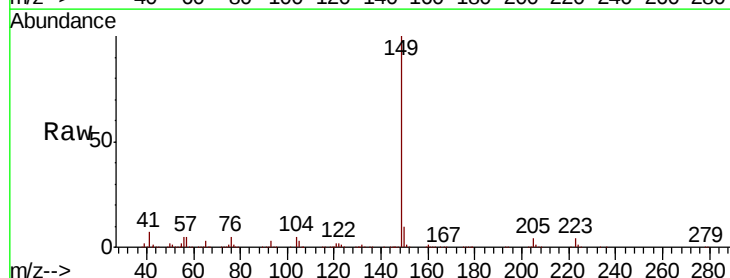
Tgt Ion:149 Resp: 884458

Ion Ratio Lower Upper

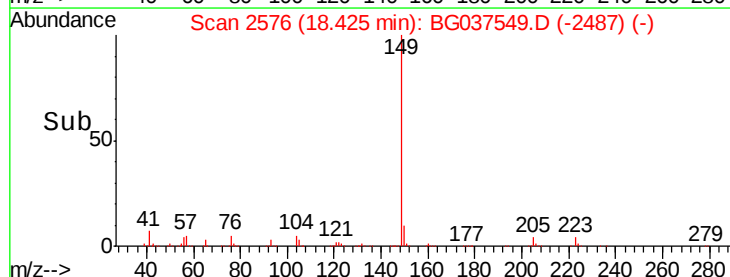
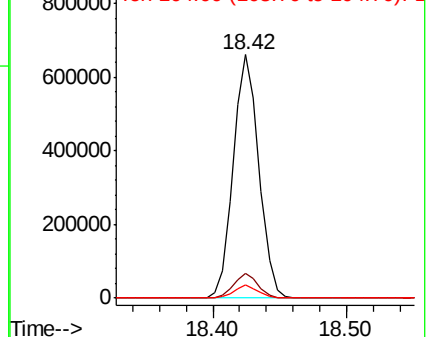
149 100

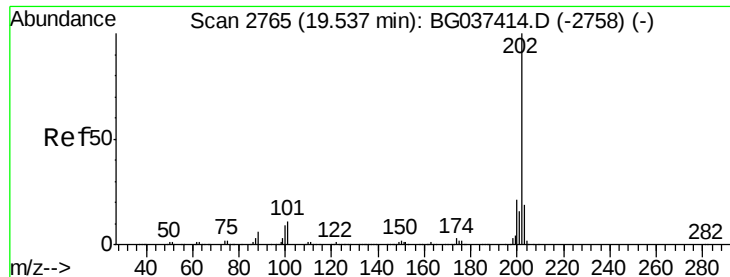
150 10.3 8.2 12.2

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: 41.954 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

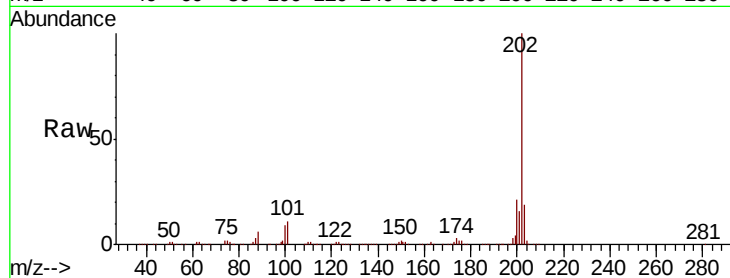
Tot Ion:202 Resp: 928113

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

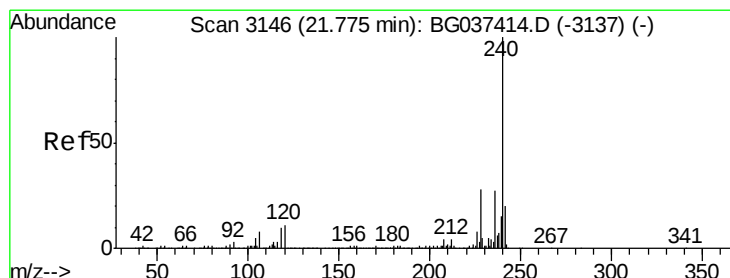
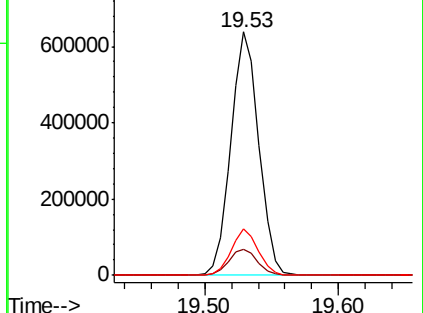
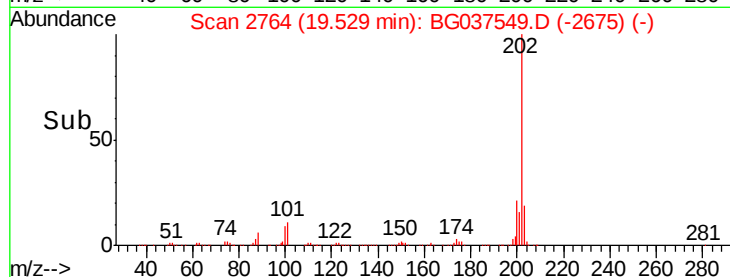
203 18.9 0.0 38.5



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

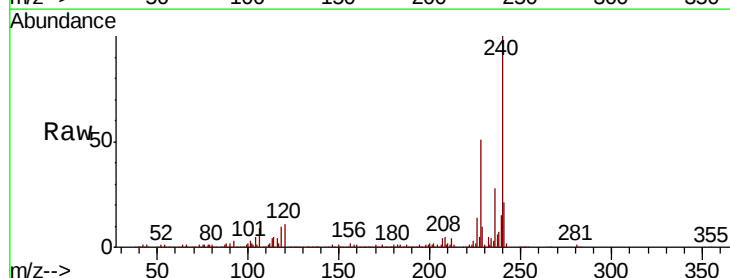
Tgt Ion:240 Resp: 340171

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

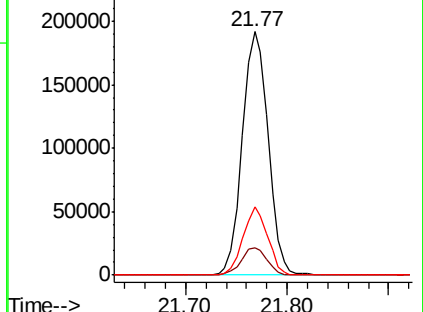
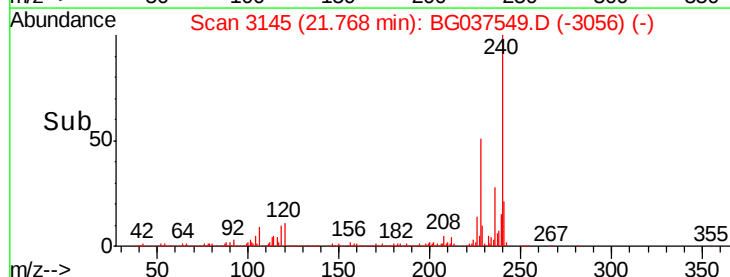
236 28.1 21.4 32.0

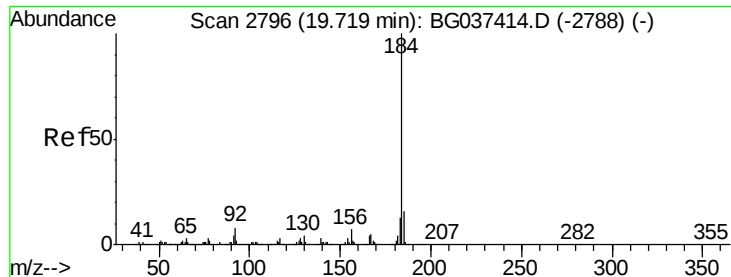


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.878 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

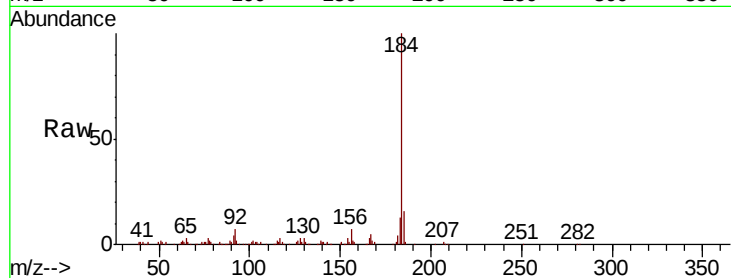
Tot Ion:184 Resp: 160517

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

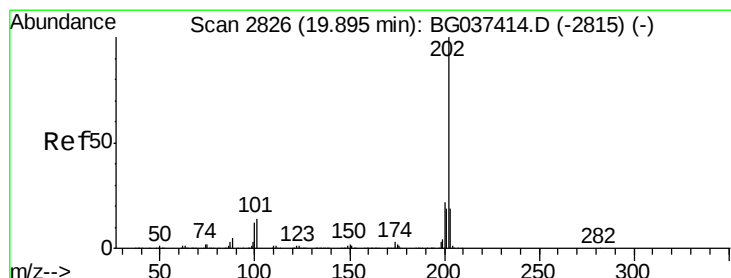
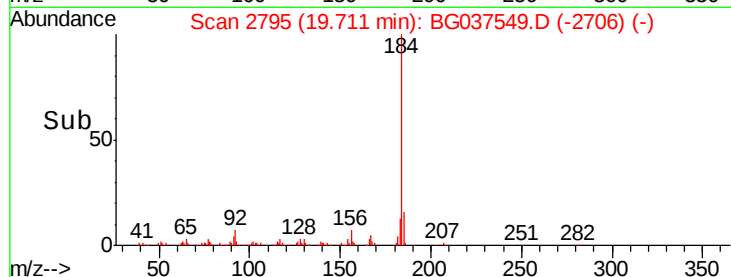
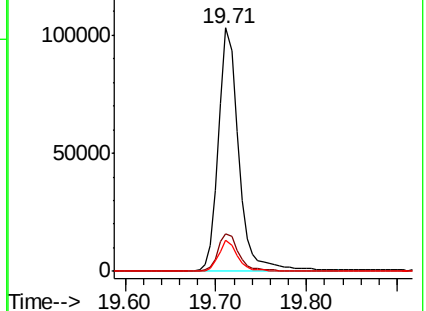
183 12.6 10.2 15.2



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: 41.311 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

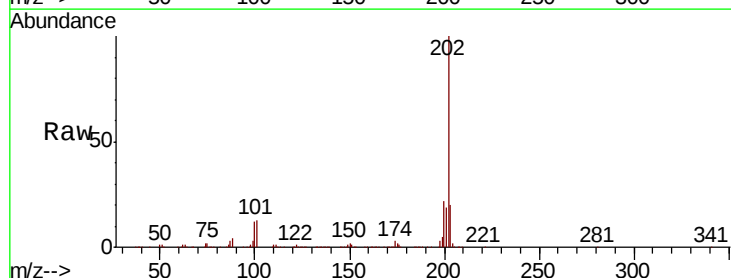
Tgt Ion:202 Resp: 918663

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.6

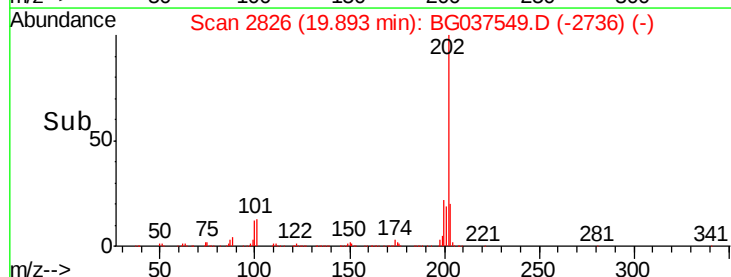
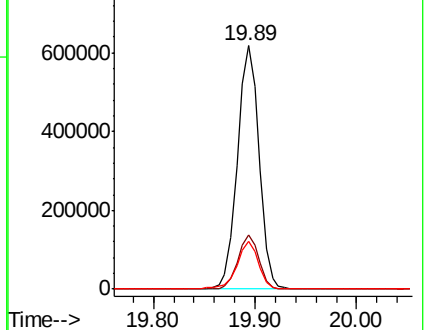
203 19.8 15.2 22.8

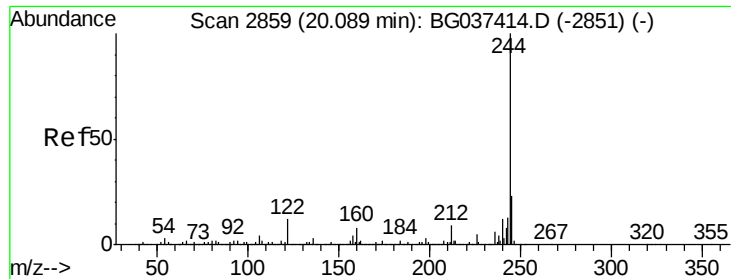


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.678 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

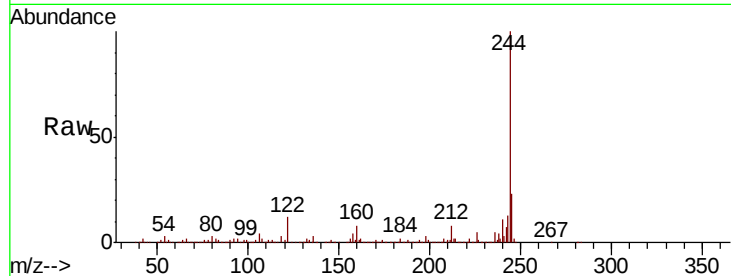
Tot Ion:244 Resp: 1188861

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

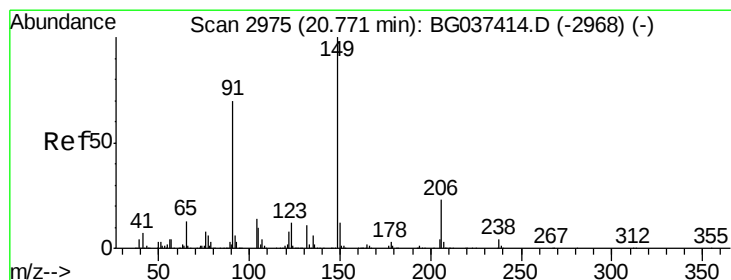
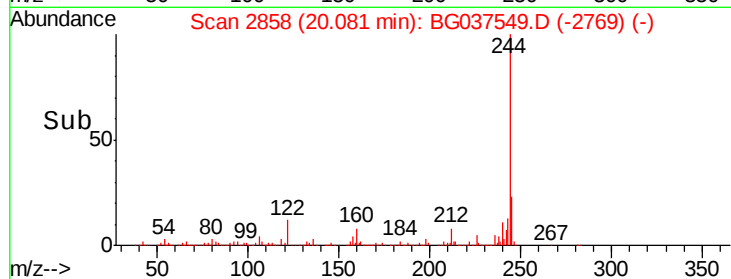
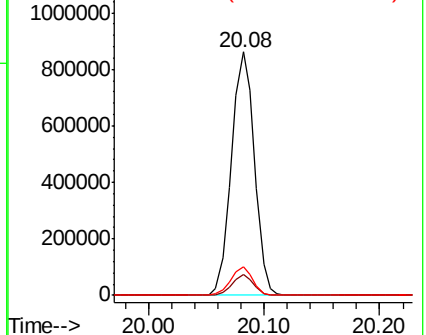
122 11.8 9.0 13.4



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: 43.105 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

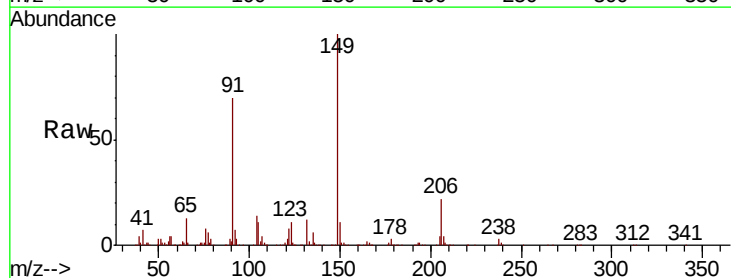
Tgt Ion:149 Resp: 392299

Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.4

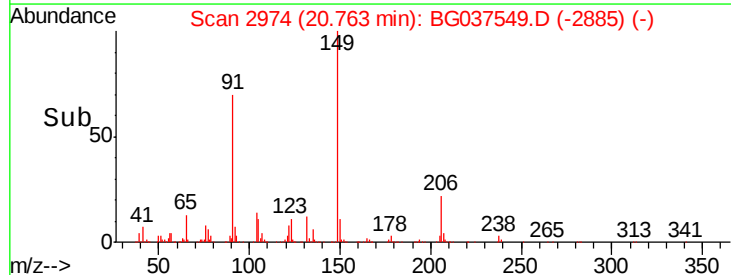
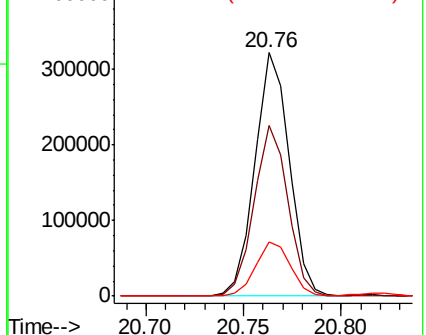
206 22.2 17.8 26.6

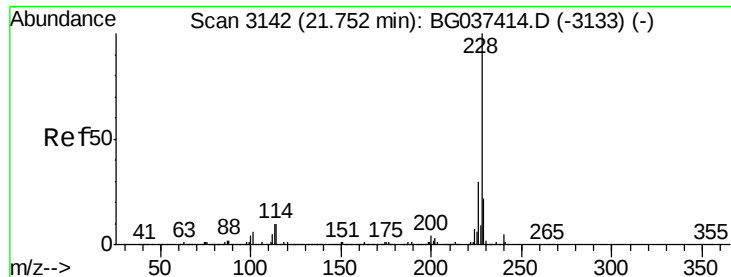


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.847 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

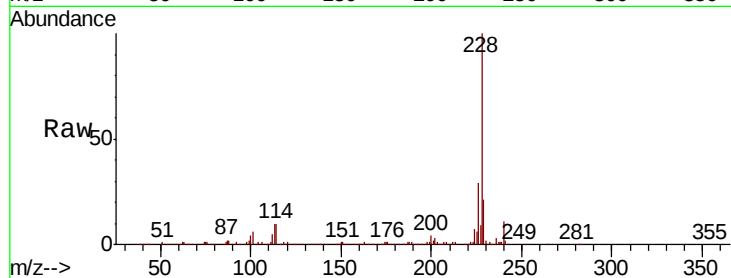
Tot Ion:228 Resp: 862126

Ion Ratio Lower Upper

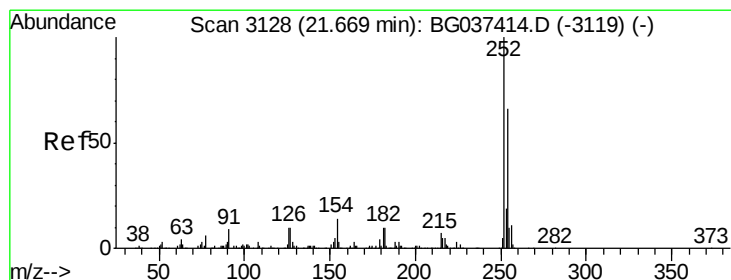
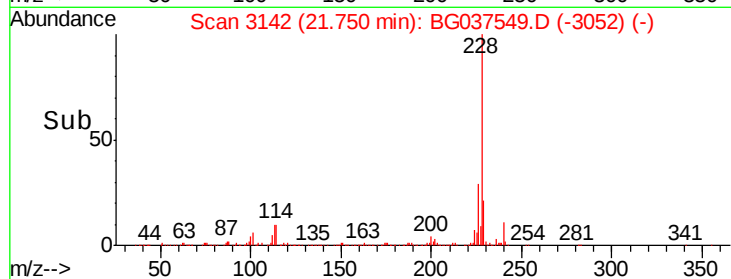
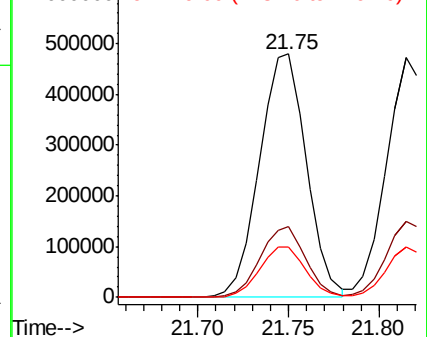
228 100

226 28.9 22.6 33.8

229 20.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.800 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

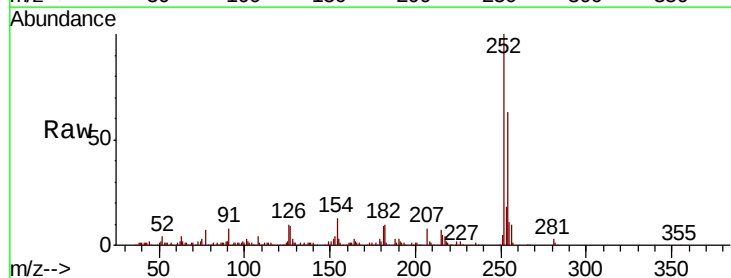
Tgt Ion:252 Resp: 138825

Ion Ratio Lower Upper

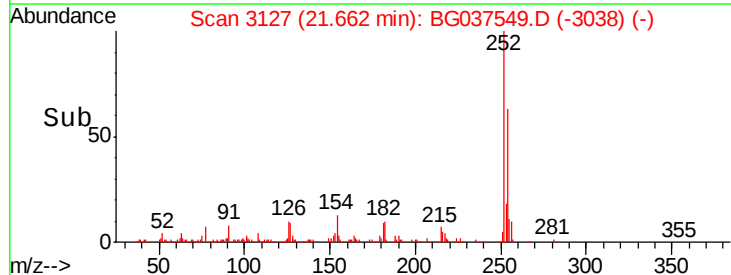
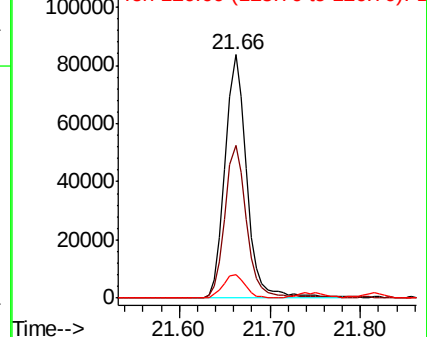
252 100

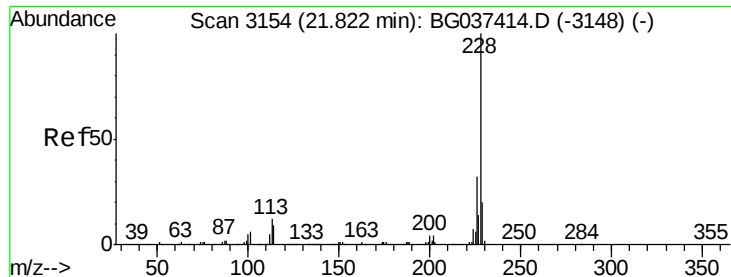
254 62.7 52.0 78.0

126 9.8 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.567 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

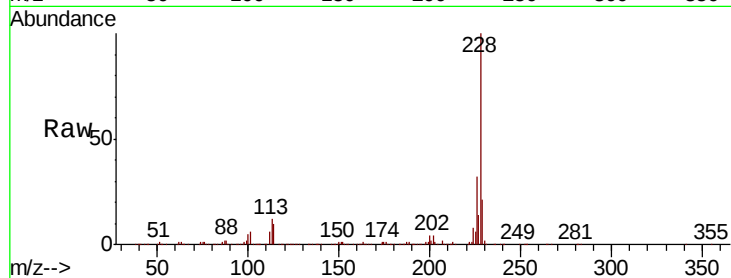
Tot Ion:228 Resp: 804214

Ion Ratio Lower Upper

228 100

226 31.9 25.7 38.5

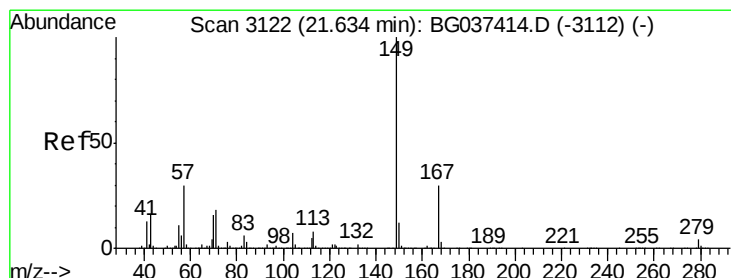
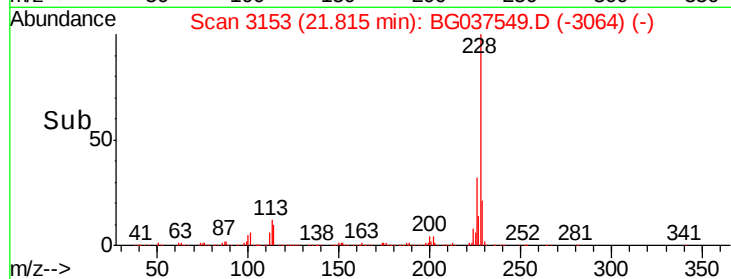
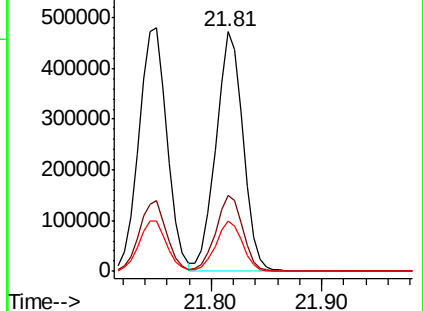
229 21.2 16.5 24.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.426 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

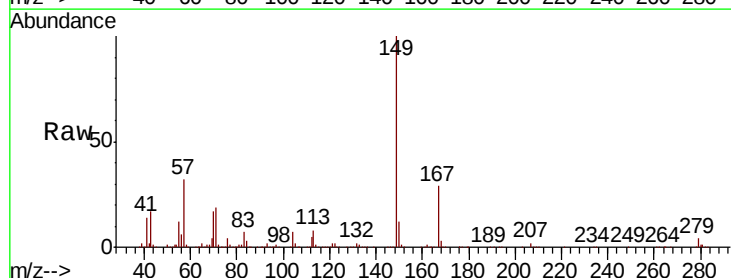
Tgt Ion:149 Resp: 553975

Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.4

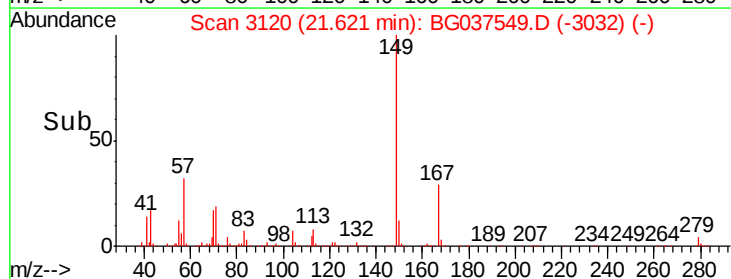
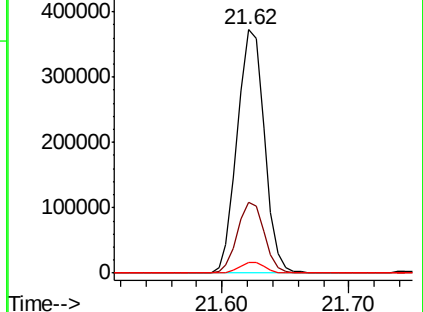
279 4.4 3.6 5.4

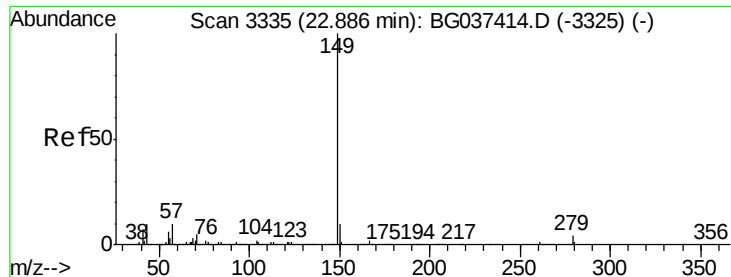


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.905 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

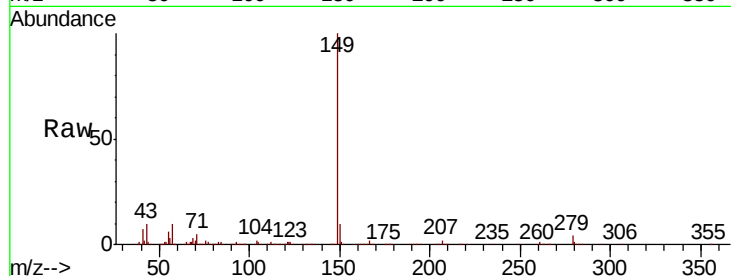
Tot Ion:149 Resp: 934119

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

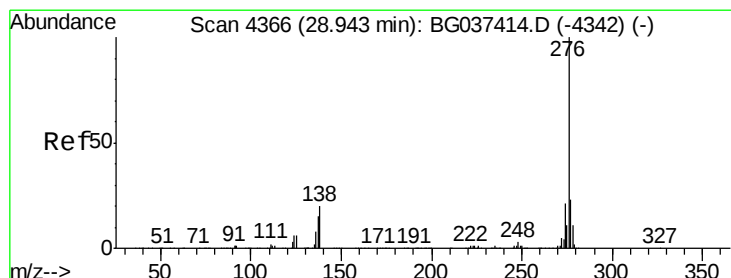
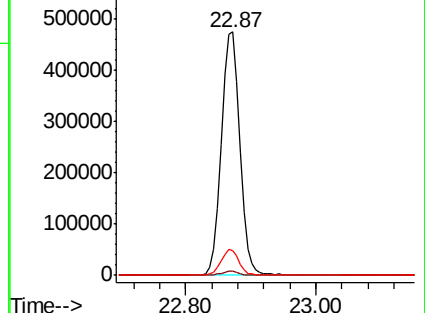
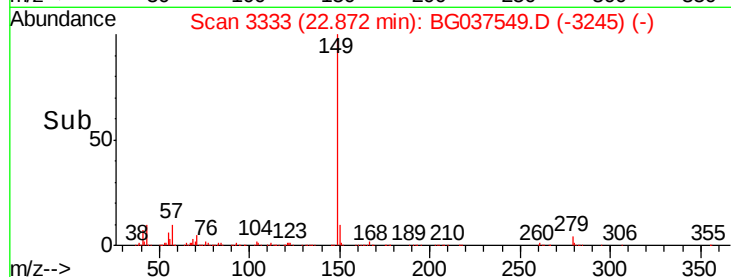
43 10.3 8.7 13.1



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: 40.124 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

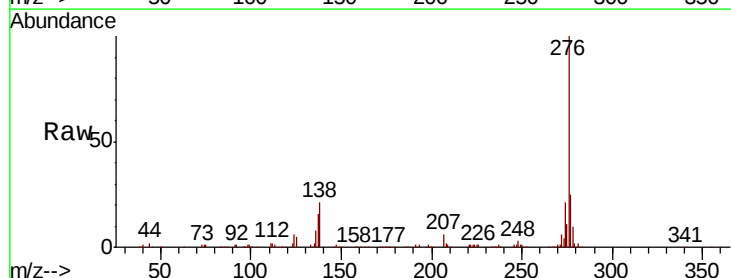
Tgt Ion:276 Resp: 832623

Ion Ratio Lower Upper

276 100

138 14.8 12.0 18.0

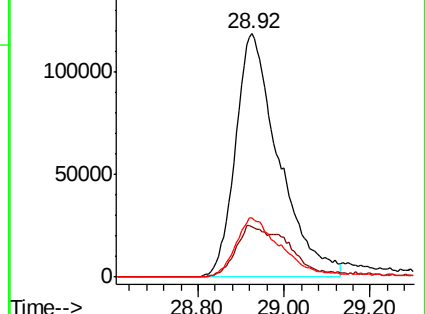
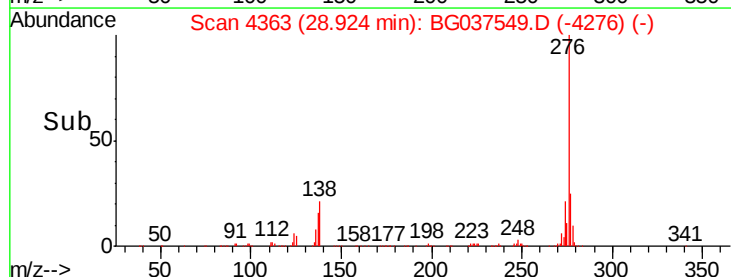
277 25.6 20.6 30.8

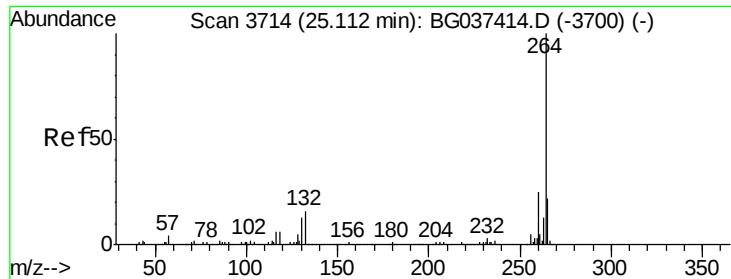


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

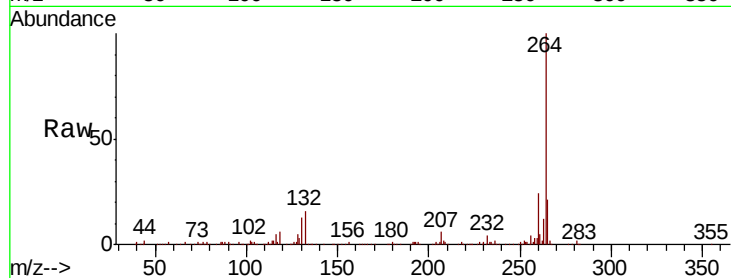
Tot Ion:264 Resp: 356644

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.3 17.9 26.9

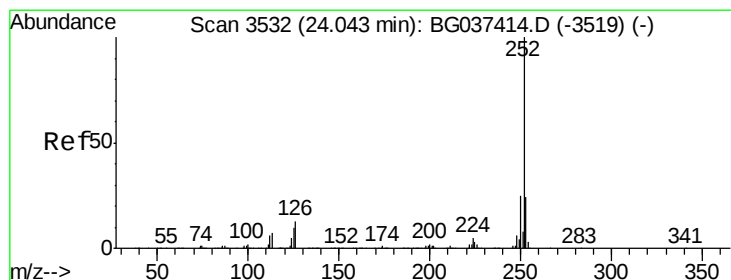
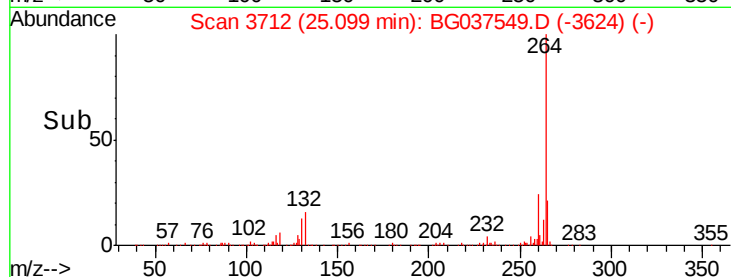
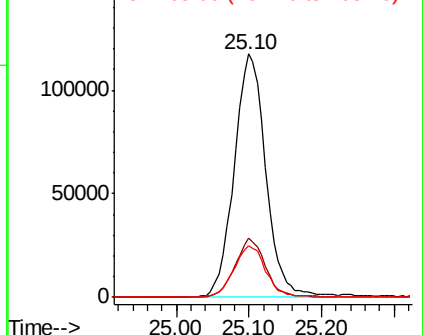


Abundance

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: 43.639 ng

RT: 24.04 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

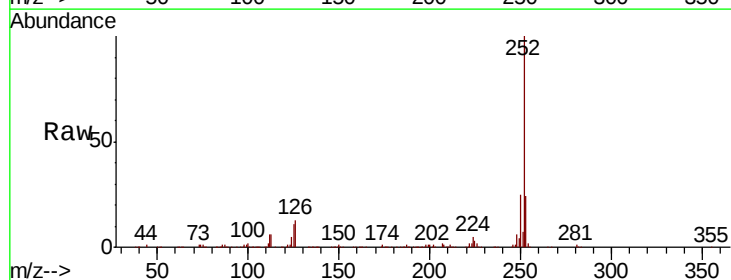
Tgt Ion:252 Resp: 853253

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

125 10.5 7.8 11.6

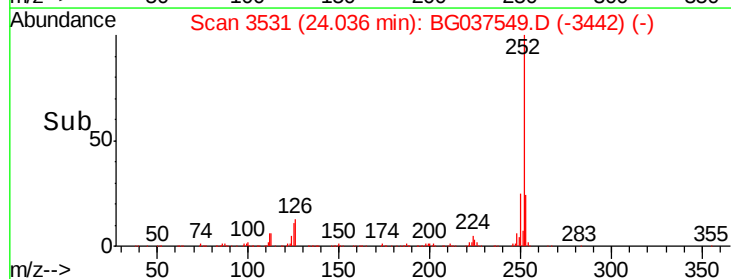
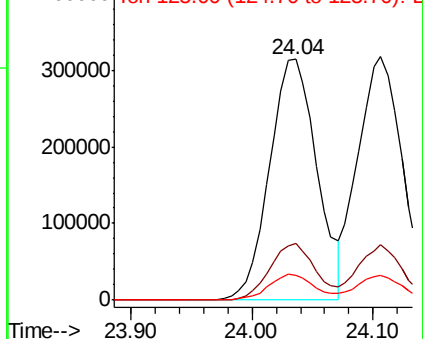


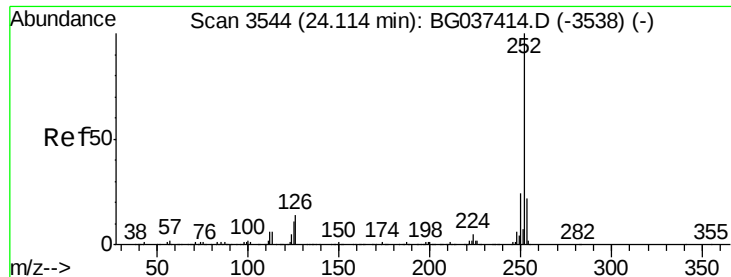
Abundance

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

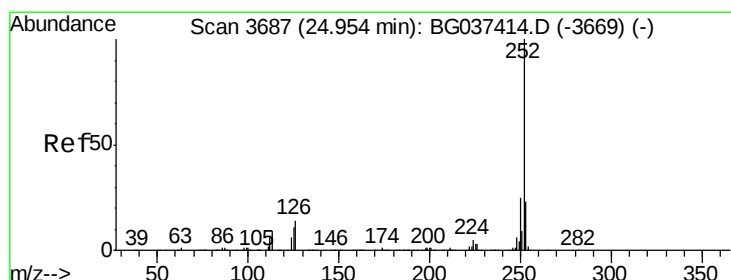
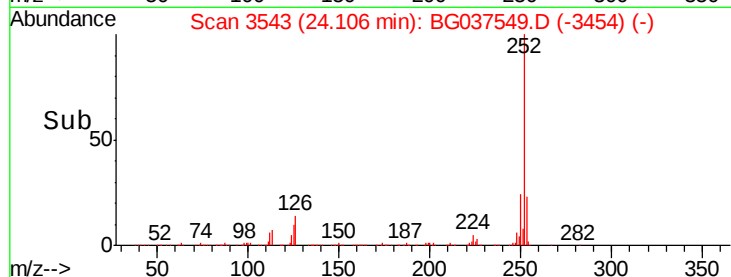
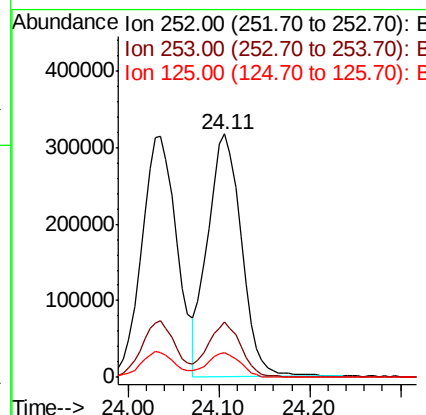
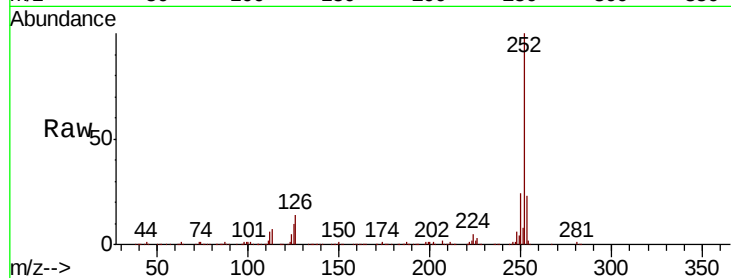




#89
Benzo(k)fluoranthene
Concen: 42.803 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

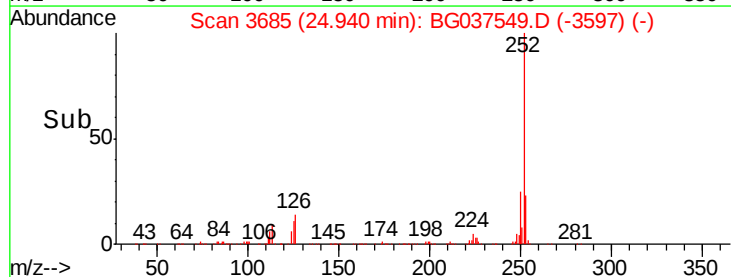
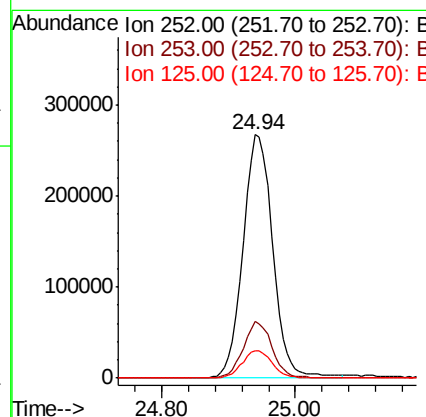
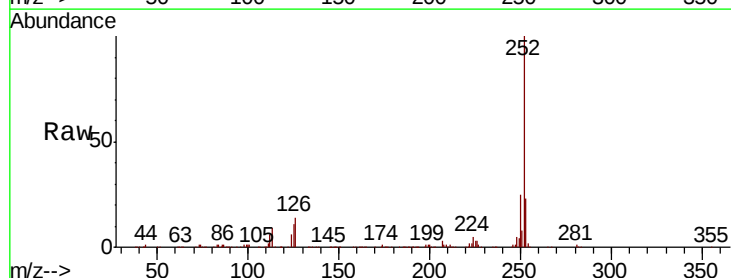
Instrument :
BNA_G
ClientSampleId :
PB114142BS

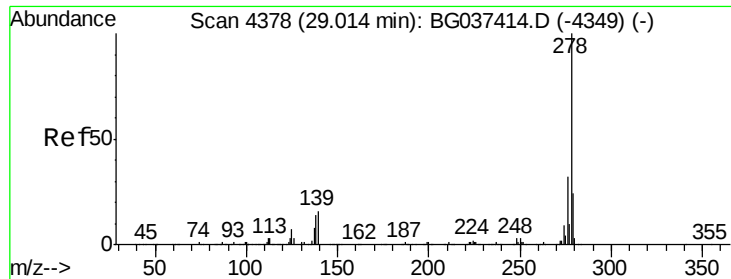
Tot Ion:252 Resp: 819948
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 44.043 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037549.D
Acq: 25 Oct 2018 17:39

Tgt Ion:252 Resp: 818303
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.350 ng

RT: 28.99 min Scan# 4375

Delta R.T. -0.02 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

Instrument :

BNA_G

ClientSampleId :

PB114142BS

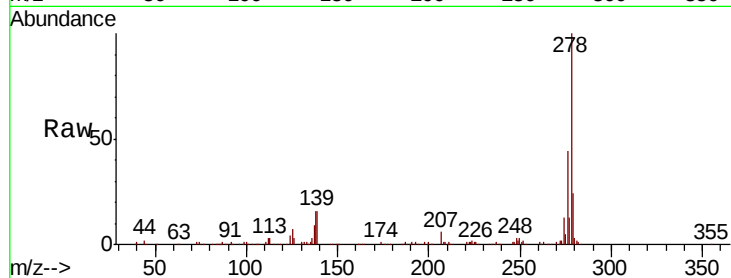
Tot Ion:278 Resp: 691518

Ion Ratio Lower Upper

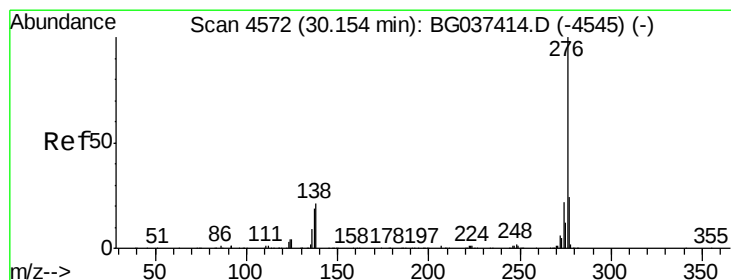
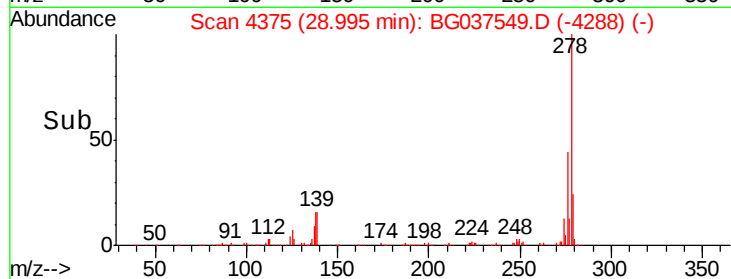
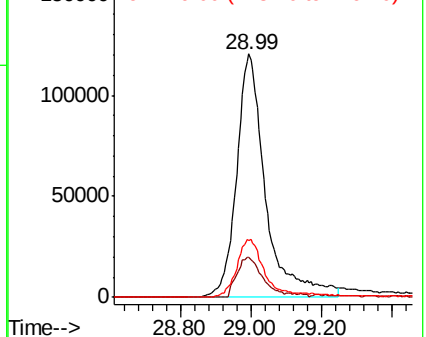
278 100

139 16.3 11.5 17.3

279 23.5 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: 40.181 ng

RT: 30.13 min Scan# 4568

Delta R.T. -0.03 min

Lab File: BG037549.D

Acq: 25 Oct 2018 17:39

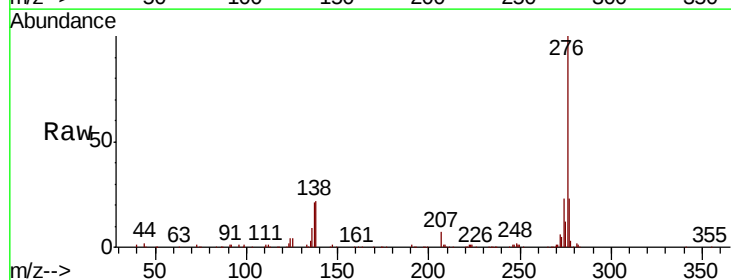
Tgt Ion:276 Resp: 696679

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 21.6 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

