

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037925.D
 Acq On : 9 Nov 2018 18:00
 Operator : JU/SJ
 Sample : PB114695BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114695BS

Quant Time: Nov 12 06:09:51 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	8.09	152	44600	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	203432	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	135790	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	316883	20.00	ng	0.00
76) Chrysene-d12	21.76	240	283350	20.00	ng	-0.02
87) Perylene-d12	25.09	264	282265	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	275604	103.31	ng	0.00
7) Phenol-d6	7.24	99	403793	100.10	ng	0.00
23) Nitrobenzene-d5	9.27	82	231989	63.88	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	148749	100.44	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	586434	65.12	ng	-0.02
79) Terphenyl-d14	20.07	244	872743	65.81	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	32369	23.926	ng	94
3) Pyridine	3.92	79	94933	27.841	ng	96
4) n-Nitrosodimethylamine	3.85	42	41628	34.275	ng	# 92
6) Aniline	7.42	93	104576	21.251	ng	96
8) 2-Chlorophenol	7.65	128	116632	37.372	ng	97
9) Benzaldehyde	7.23	77	66022	26.164	ng	98
10) Phenol	7.27	94	157011	36.890	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	106028	32.800	ng	93
12) 1,3-Dichlorobenzene	7.98	146	115426	33.223	ng	99
13) 1,4-Dichlorobenzene	8.13	146	117058	32.938	ng	96
14) 1,2-Dichlorobenzene	8.45	146	113388	33.168	ng	99
15) Benzyl Alcohol	8.33	79	102516	34.394	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	194292	33.591	ng	98
17) 2-Methylphenol	8.52	107	107128	38.072	ng	99
18) Hexachloroethane	9.17	117	41728	34.441	ng	94
19) n-Nitroso-di-n-propylamine	8.89	70	88354	31.807	ng	96
20) 3+4-Methylphenols	8.85	107	147062	36.555	ng	99
22) Acetophenone	8.92	105	169520	33.226	ng	# 96
24) Nitrobenzene	9.31	77	132095	35.015	ng	95
25) Isophorone	9.83	82	247945	37.367	ng	97
26) 2-Nitrophenol	10.02	139	65529	38.558	ng	96
27) 2,4-Dimethylphenol	10.06	122	125589	41.388	ng	97
28) bis(2-Chloroethoxy)methane	10.31	93	154080	35.442	ng	99
29) 2,4-Dichlorophenol	10.55	162	126989	37.587	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	125083	34.045	ng	98
31) Naphthalene	10.96	128	376839	37.714	ng	99
32) Benzoic acid	10.17	122	59358	30.117	ng	98
33) 4-Chloroaniline	11.08	127	83227	17.727	ng	97
34) Hexachlorobutadiene	11.23	225	74380	34.158	ng	96
35) Caprolactam	11.85	113	43443	32.061	ng	98
36) 4-Chloro-3-methylphenol	12.18	107	139082	36.502	ng	100
37) 2-Methylnaphthalene	12.56	142	287601	39.485	ng	99
38) 1-Methylnaphthalene	12.78	142	275546	38.954	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	149647	34.166	ng	98

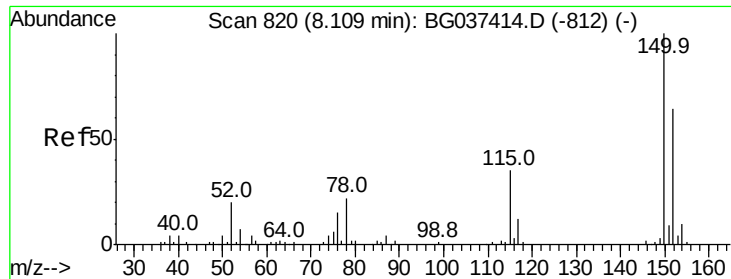
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037925.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	182807	87.376	ng	97
43) 2,4,6-Trichlorophenol	13.16	196	108217	36.982	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	118501	37.195	ng	98
46) 1,1'-Biphenyl	13.56	154	377537	33.572	ng	99
47) 2-Chloronaphthalene	13.61	162	303279	35.647	ng	97
48) 2-Nitroaniline	13.82	65	95422	36.985	ng	97
49) Acenaphthylene	14.45	152	498979	38.988	ng	99
50) Dimethylphthalate	14.17	163	382125	36.376	ng	99
51) 2,6-Dinitrotoluene	14.30	165	86182	37.085	ng	95
52) Acenaphthene	14.79	154	290320	36.833	ng	98
53) 3-Nitroaniline	14.64	138	70744	27.422	ng	# 95
54) 2,4-Dinitrophenol	14.84	184	56170	63.303	ng	95
55) Dibenzofuran	15.13	168	473244	36.239	ng	98
56) 4-Nitrophenol	14.93	139	172072	90.108	ng	98
57) 2,4-Dinitrotoluene	15.09	165	119746	39.254	ng	# 95
58) Fluorene	15.77	166	378354	38.689	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	104356	38.256	ng	99
60) Diethylphthalate	15.53	149	387977	35.974	ng	100
61) 4-Chlorophenyl-phenylether	15.76	204	199257	34.957	ng	95
62) 4-Nitroaniline	15.80	138	91063	35.523	ng	96
63) Azobenzene	16.05	77	371337	36.087	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	57223	36.821	ng	99
66) n-Nitrosodiphenylamine	15.98	169	337638	35.422	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	123312	35.436	ng	98
68) Hexachlorobenzene	16.77	284	125229	34.722	ng	96
69) Atrazine	16.92	200	125751	36.489	ng	98
70) Pentachlorophenol	17.11	266	133570	55.290	ng	97
71) Phenanthrene	17.52	178	611010	37.939	ng	99
72) Anthracene	17.61	178	625033	39.547	ng	99
73) Carbazole	17.88	167	553948	35.039	ng	99
74) Di-n-butylphthalate	18.41	149	663407	37.722	ng	99
75) Fluoranthene	19.52	202	705301	38.613	ng	100
77) Benzidine	19.70	184	227895	23.654	ng	99
78) Pyrene	19.89	202	701712	37.883	ng	98
80) Butylbenzylphthalate	20.76	149	296438	39.104	ng	97
81) Benzo(a)anthracene	21.74	228	649531	38.755	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	161399	24.845	ng	99
83) Chrysene	21.81	228	611688	37.956	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	417206	39.263	ng	99
85) Di-n-octyl phthalate	22.85	149	705491	40.715	ng	97
86) Indeno(1,2,3-cd)pyrene	28.90	276	539729	31.225	ng	# 92
88) Benzo(b)fluoranthene	24.02	252	603278	38.984	ng	99
89) Benzo(k)fluoranthene	24.09	252	614700	40.544	ng	98
90) Benzo(a)pyrene	24.93	252	593274	40.346	ng	99
91) Dibenzo(a,h)anthracene	28.96	278	426439	31.439	ng	99
92) Benzo(g,h,i)perylene	30.10	276	459358	33.474	ng	98

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

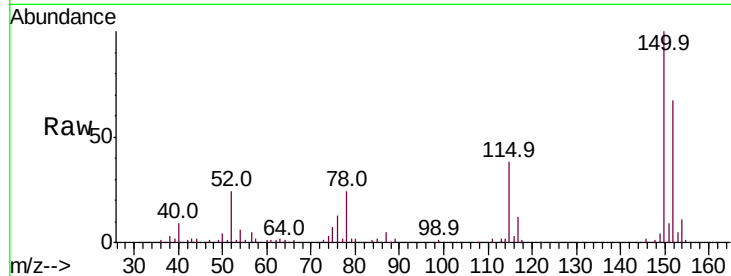


#1

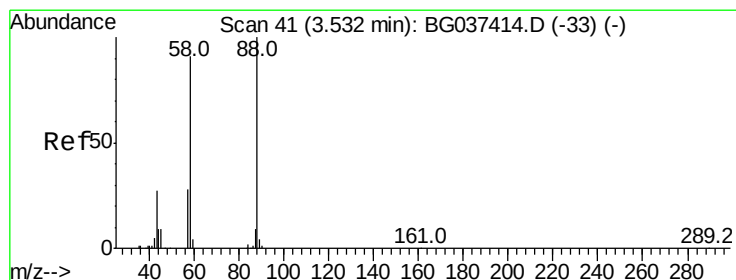
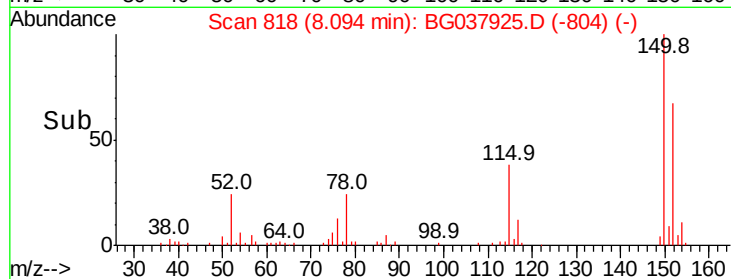
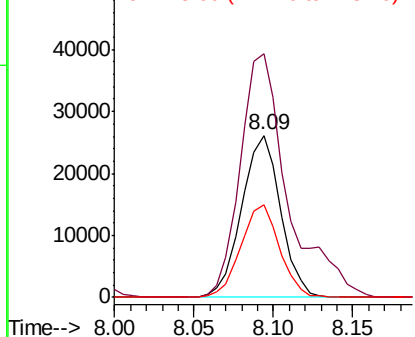
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :
PB114695BS

Tot Ion:152 Resp: 44600
Ion Ratio Lower Upper
152 100
150 150.1 126.0 189.0
115 56.8 45.5 68.3



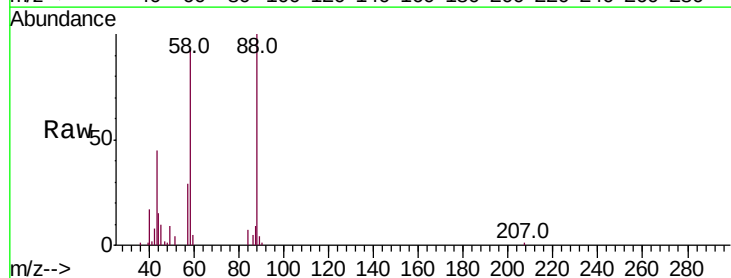
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



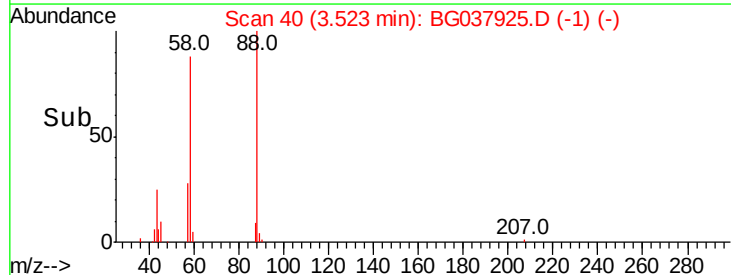
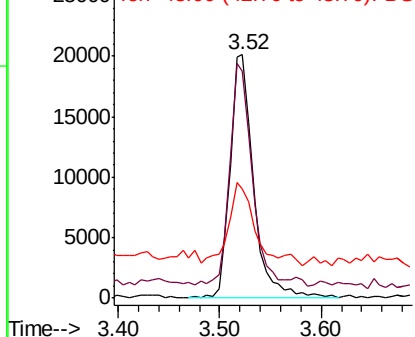
#2

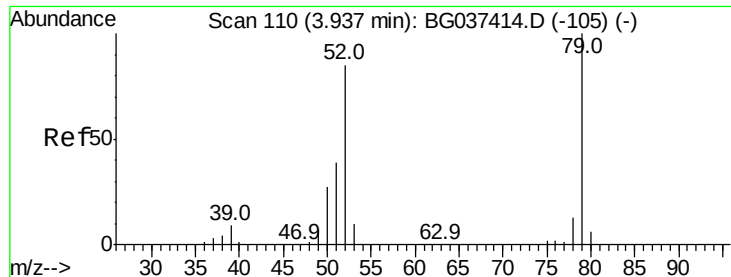
1,4-Dioxane
Concen: 23.926 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion: 88 Resp: 32369
Ion Ratio Lower Upper
88 100
58 85.6 74.4 111.6
43 33.4 25.8 38.8



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





#3

Pvridine

Concen: 27.841 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

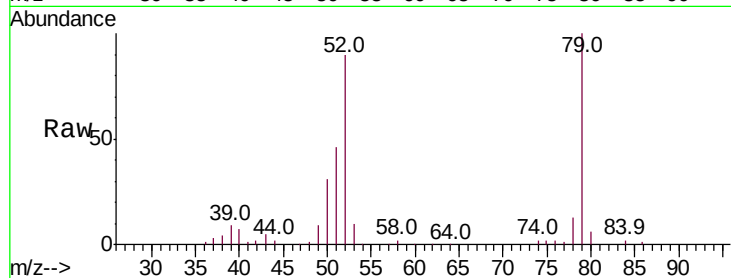
Tot Ion: 79 Resp: 94933

Ion Ratio Lower Upper

79 100

52 89.6 74.2 111.2

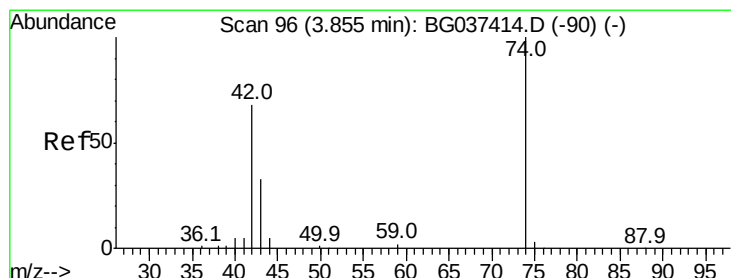
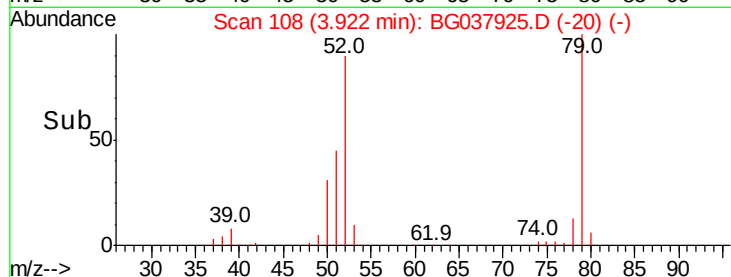
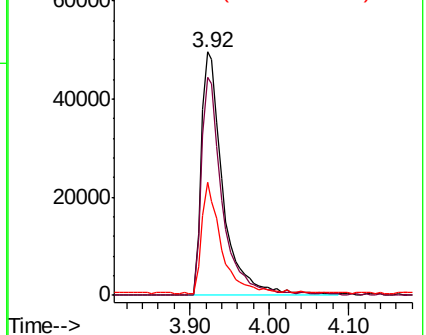
51 46.3 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.275 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

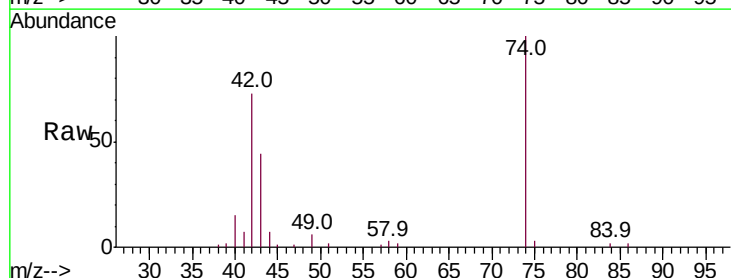
Tgt Ion: 42 Resp: 41628

Ion Ratio Lower Upper

42 100

74 137.3 102.0 153.0

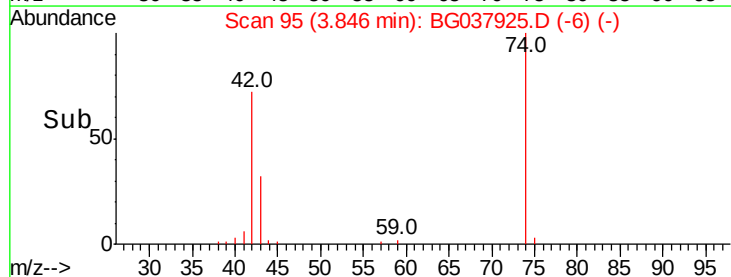
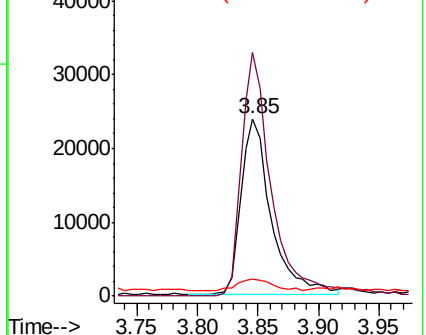
44 9.6 9.6 14.4#

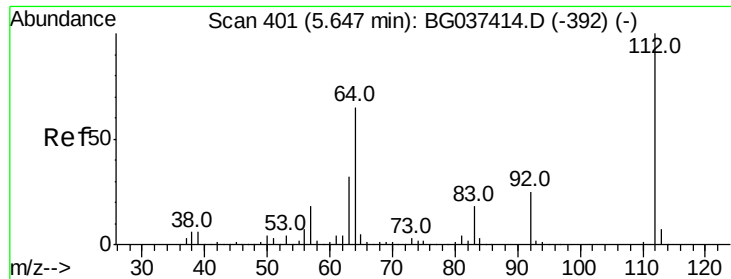


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 103.312 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

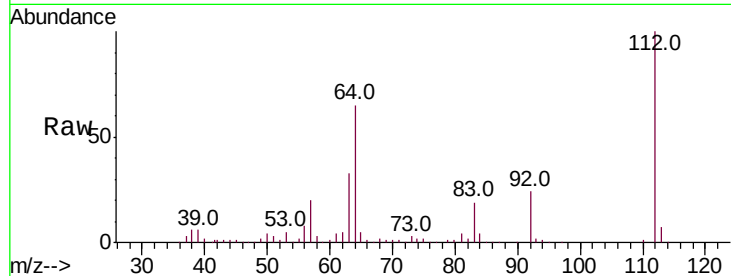
Tot Ion:112 Resp: 275604

Ion Ratio Lower Upper

112 100

64 65.1 53.1 79.7

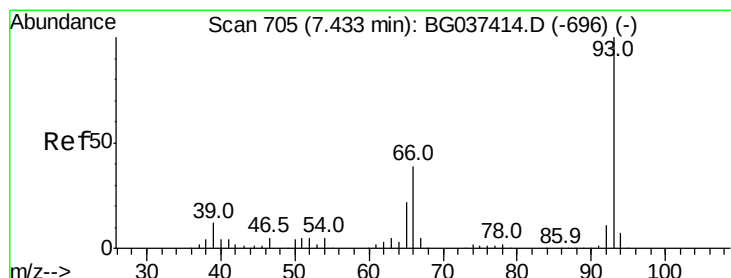
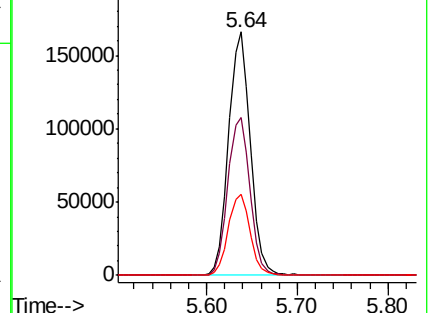
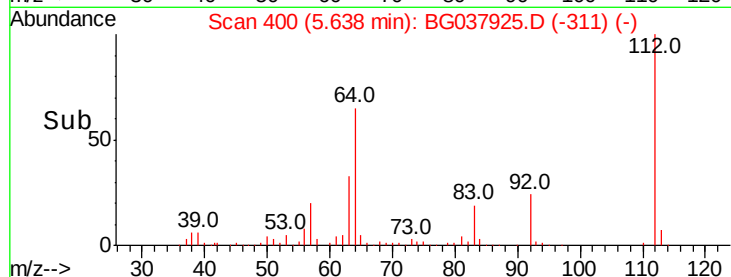
63 33.5 27.3 40.9



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: 21.251 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

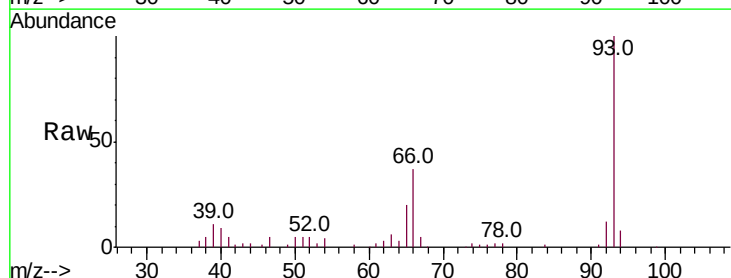
Tgt Ion: 93 Resp: 104576

Ion Ratio Lower Upper

93 100

66 37.2 32.8 49.2

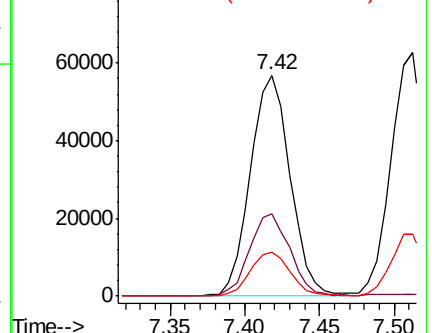
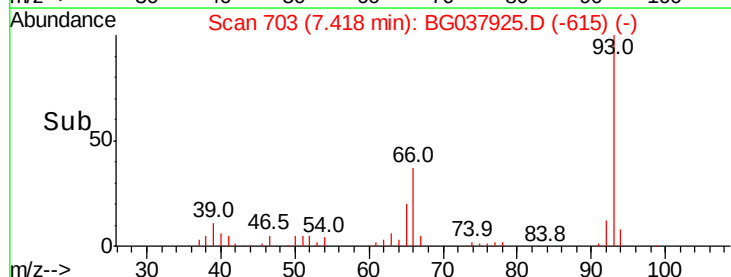
65 20.0 16.4 24.6

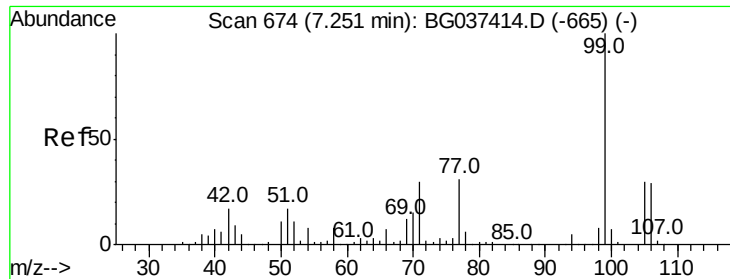


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.100 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

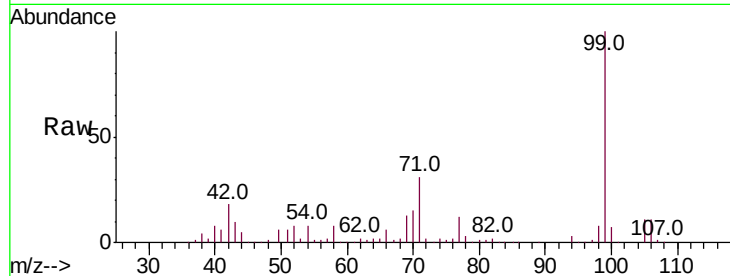
Tot Ion: 99 Resp: 403793

Ion Ratio Lower Upper

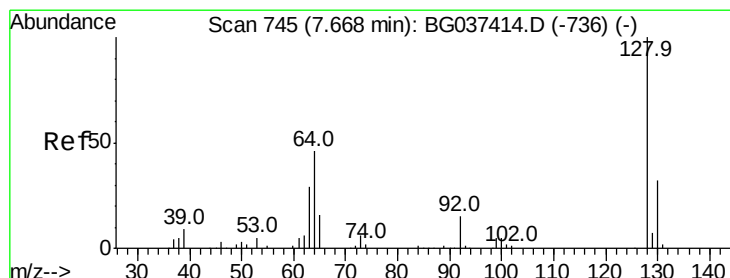
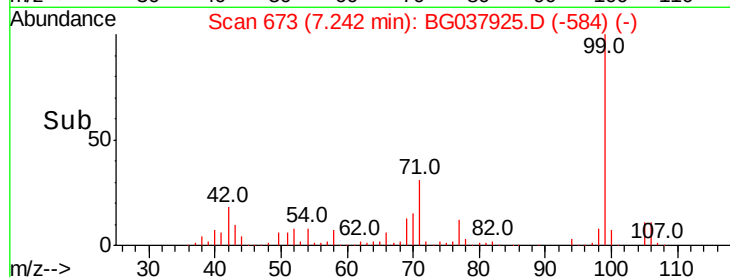
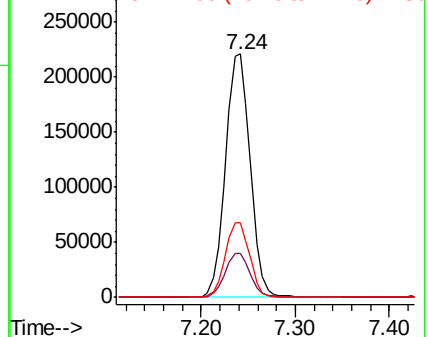
99 100

42 17.8 15.0 22.4

71 30.8 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: 37.372 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

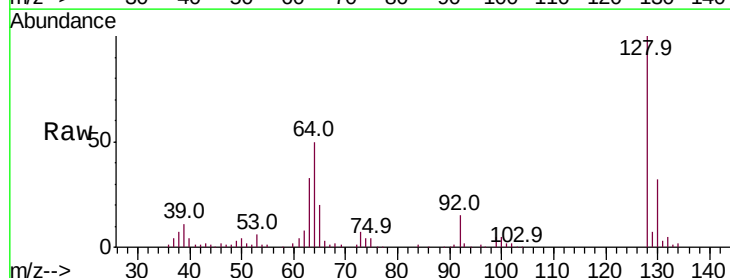
Tgt Ion: 128 Resp: 116632

Ion Ratio Lower Upper

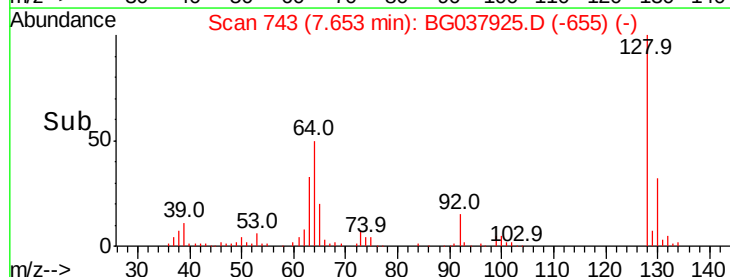
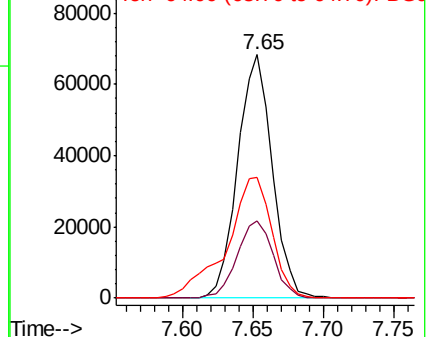
128 100

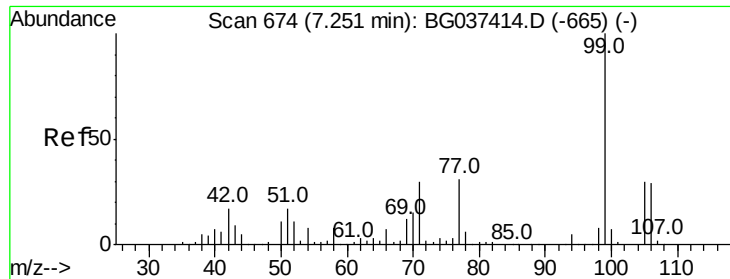
130 31.9 12.0 52.0

64 49.5 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: 26.164 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

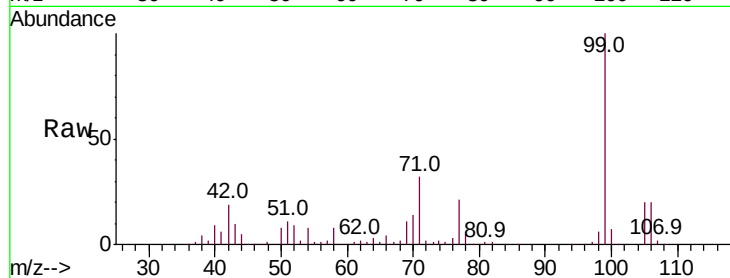
Tot Ion: 77 Resp: 66022

Ion Ratio Lower Upper

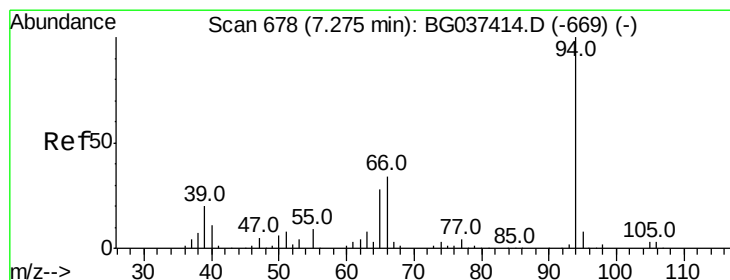
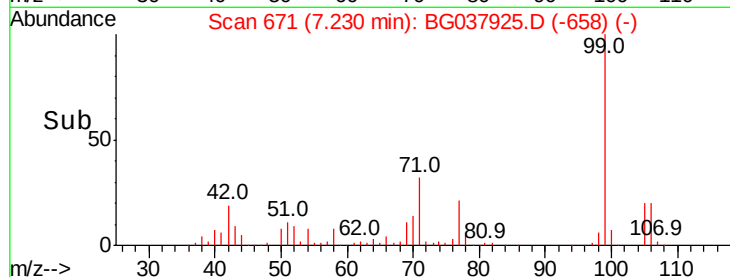
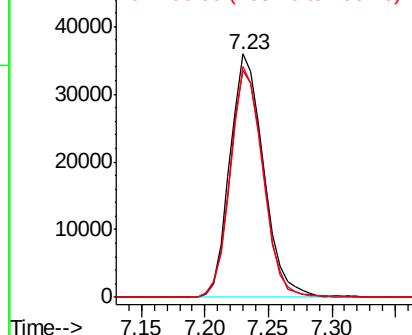
77 100

105 93.4 72.6 112.6

106 95.0 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: 36.890 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

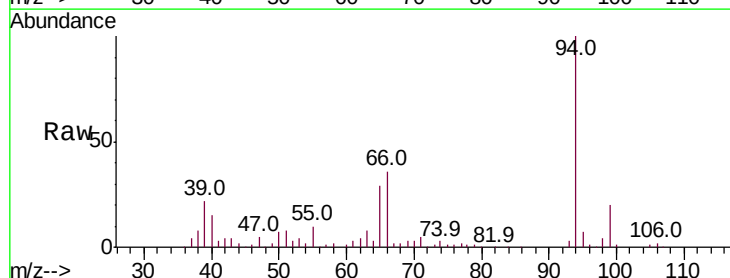
Tgt Ion: 94 Resp: 157011

Ion Ratio Lower Upper

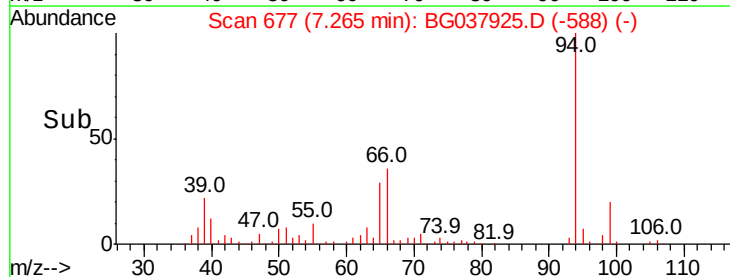
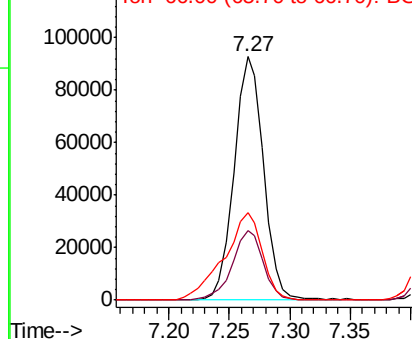
94 100

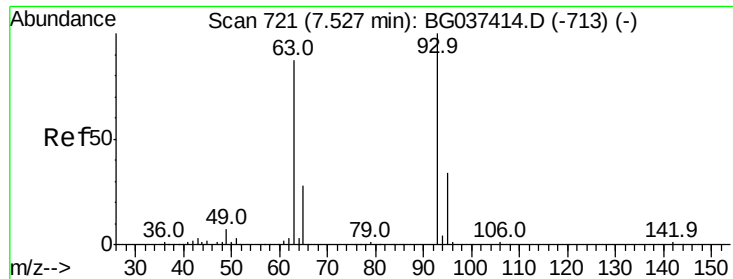
65 28.7 9.7 49.7

66 35.9 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: 32.800 ng

RT: 7.51 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

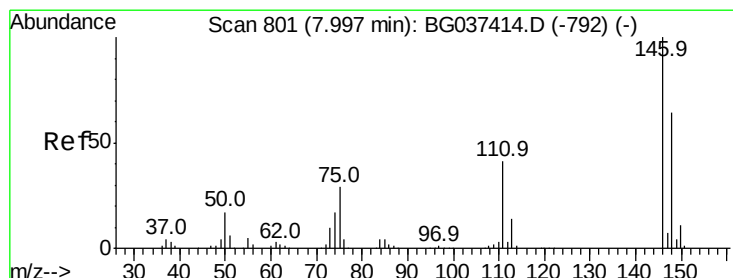
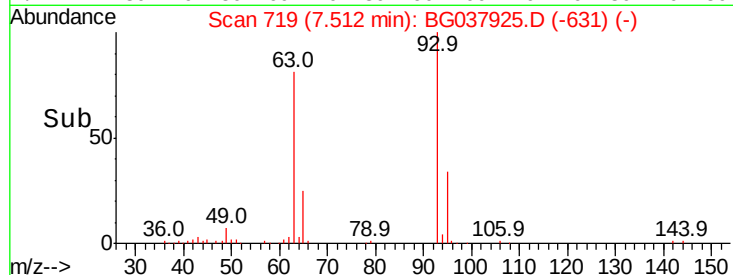
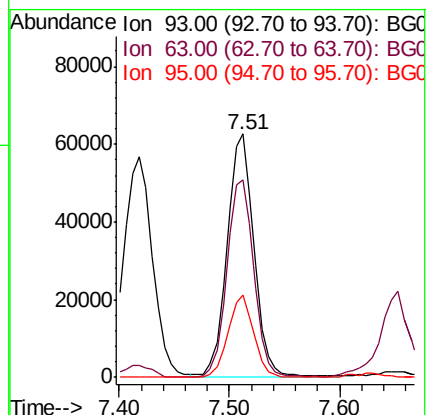
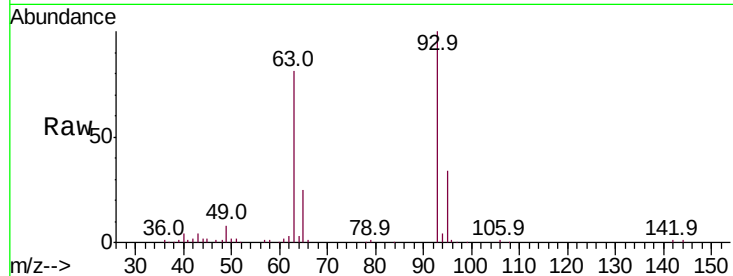
Tot Ion: 93 Resp: 106028

Ion Ratio Lower Upper

93 100

63 81.3 69.5 109.5

95 33.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 33.223 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

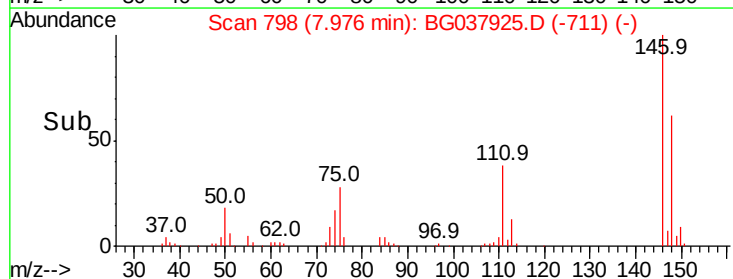
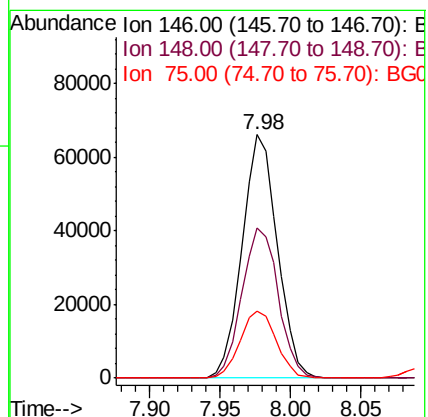
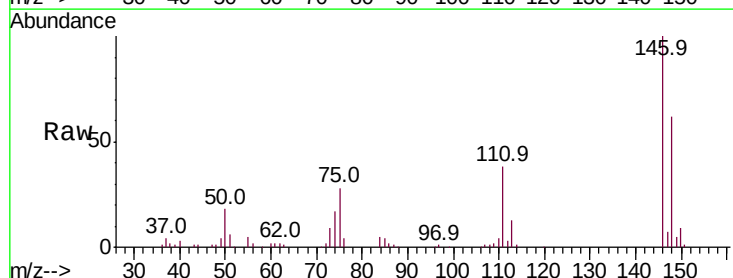
Tgt Ion: 146 Resp: 115426

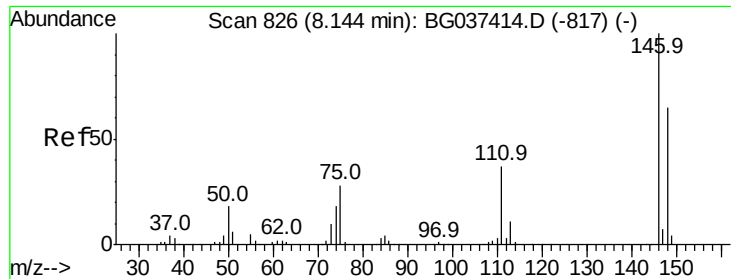
Ion Ratio Lower Upper

146 100

148 61.7 49.8 74.8

75 27.7 23.2 34.8

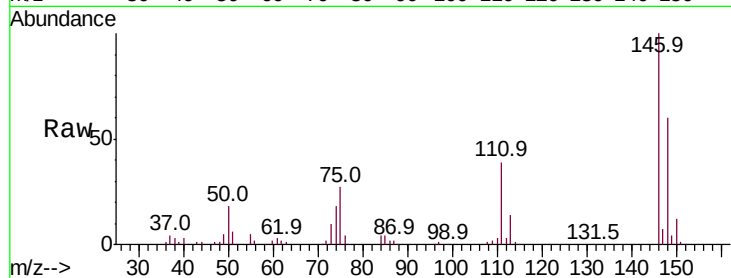




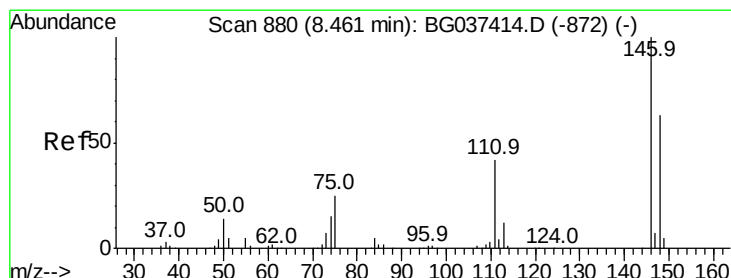
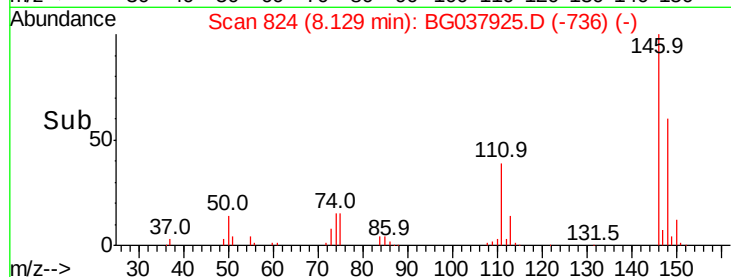
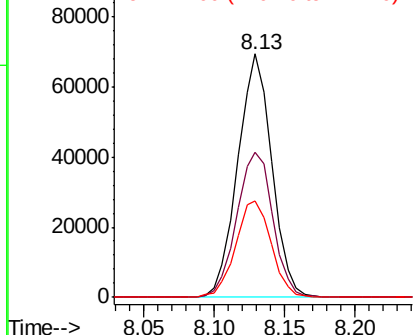
#13
 1,4-Dichlorobenzene
 Concen: 32.938 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 PB114695BS

Tot Ion:146 Resp: 117058
 Ion Ratio Lower Upper
 146 100
 148 59.6 51.0 76.6
 111 39.5 32.4 48.6

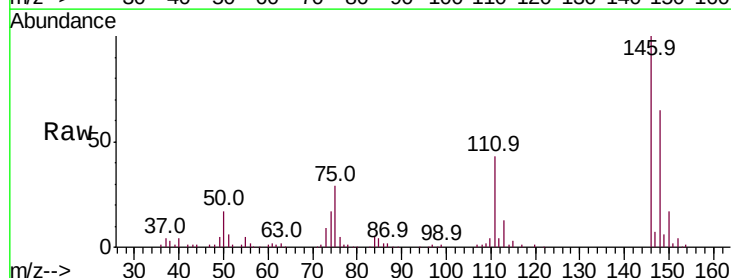


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

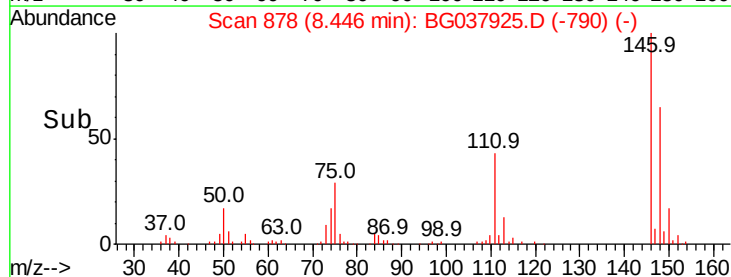
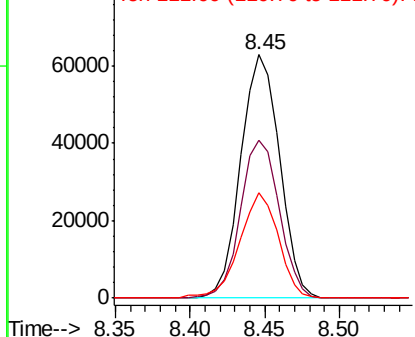


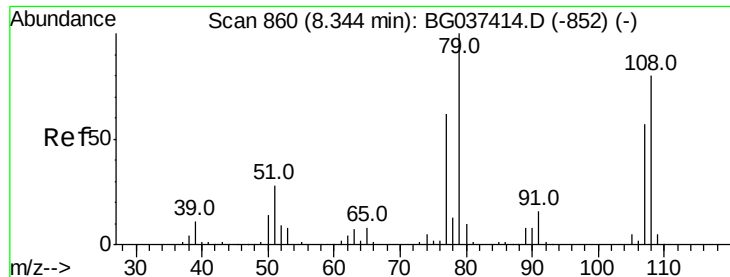
#14
 1,2-Dichlorobenzene
 Concen: 33.168 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Tgt Ion:146 Resp: 113388
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.4 75.6
 111 43.3 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 34.394 ng

RT: 8.33 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

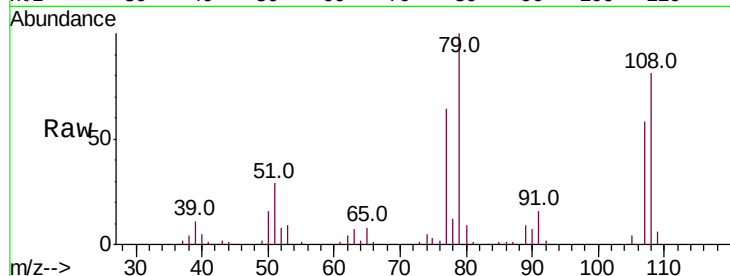
Tot Ion: 79 Resp: 102516

Ion Ratio Lower Upper

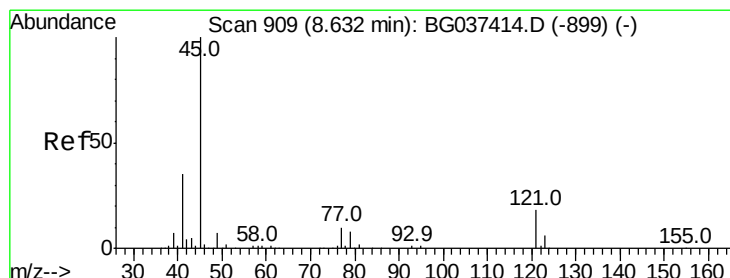
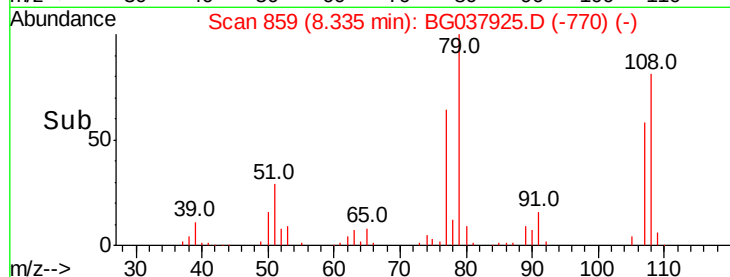
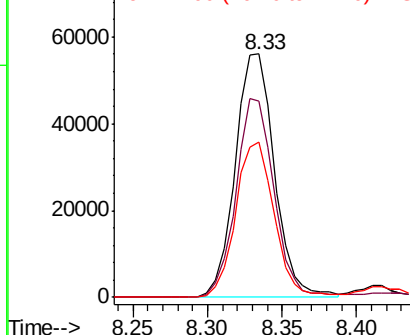
79 100

108 80.5 65.8 98.8

77 63.8 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: 33.591 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

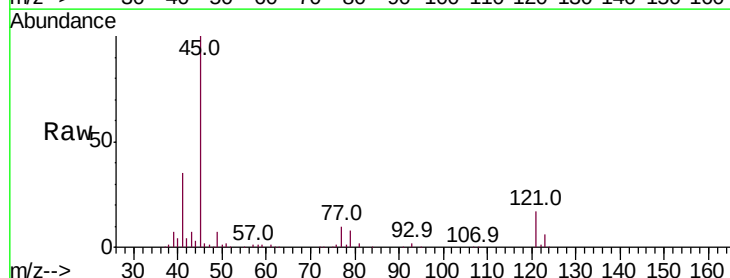
Tgt Ion: 45 Resp: 194292

Ion Ratio Lower Upper

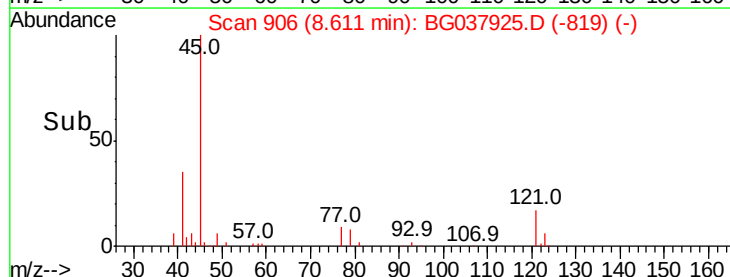
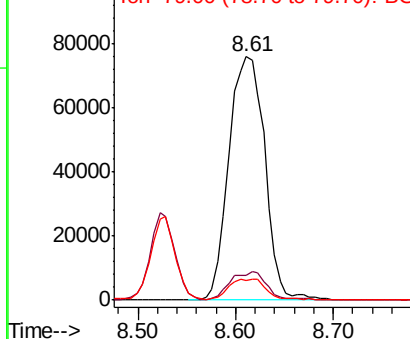
45 100

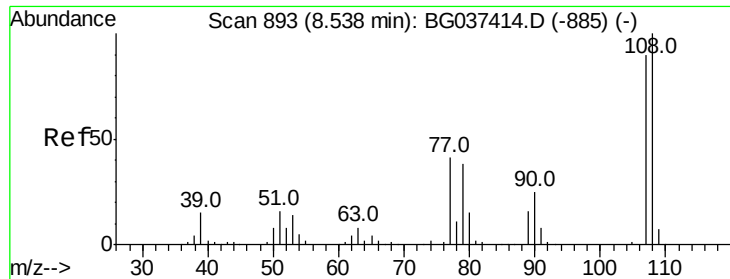
77 10.3 0.0 30.0

79 8.1 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

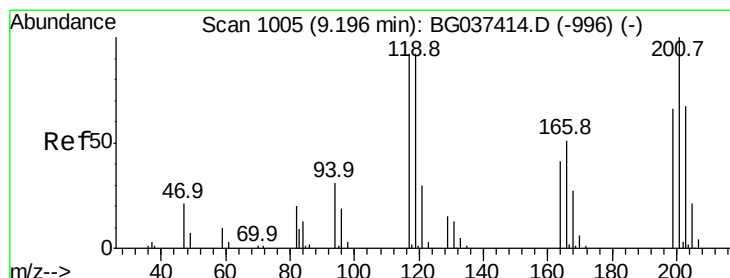
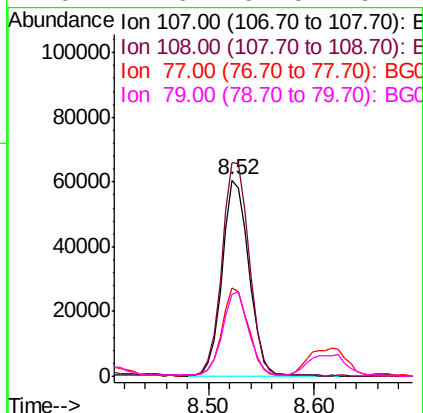
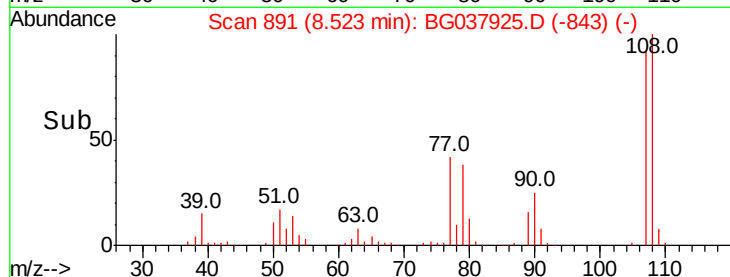
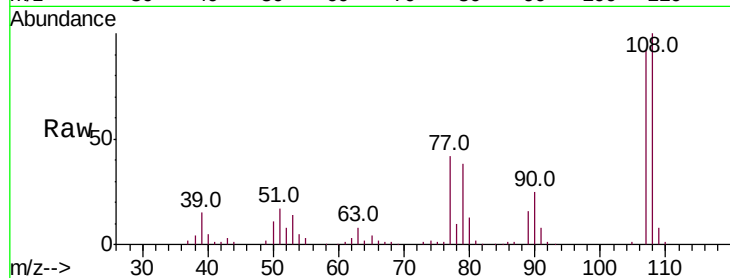




#17
2-Methylphenol
Concen: 38.072 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

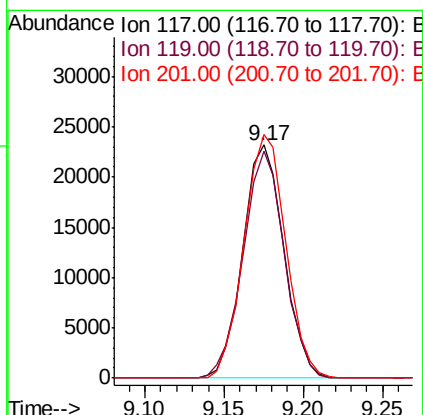
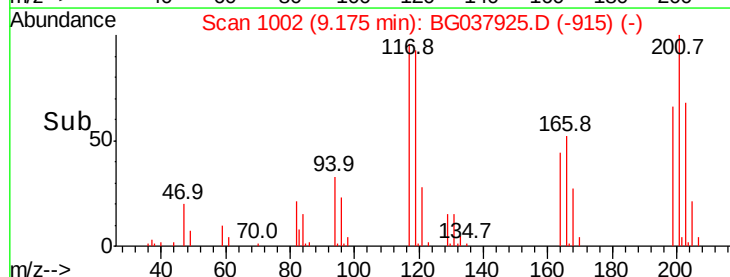
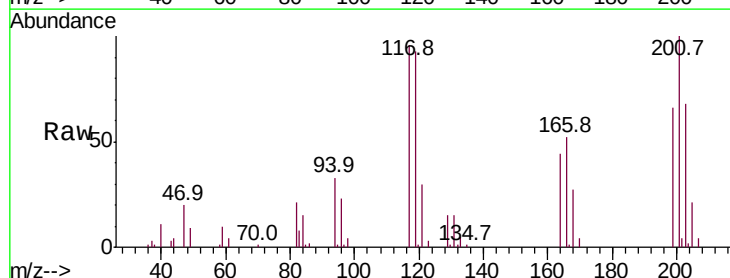
Instrument :
BNA_G
ClientSampleId :
PB114695BS

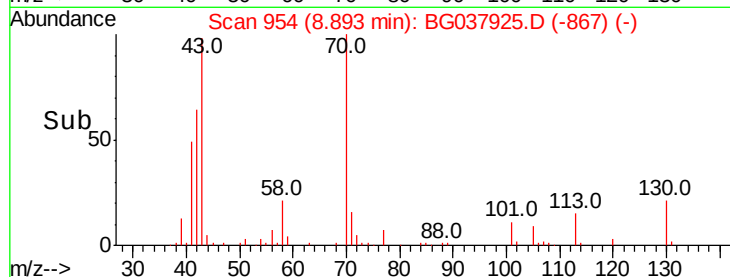
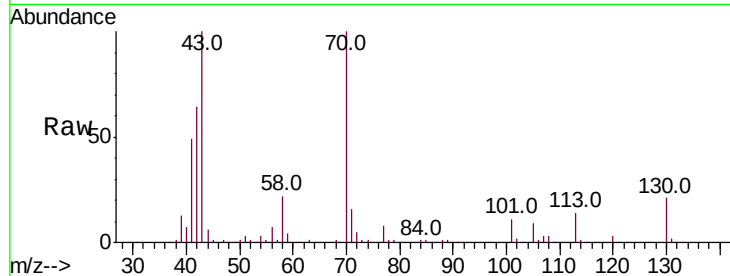
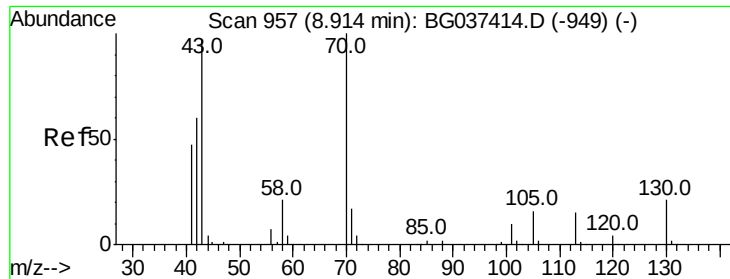
Tot Ion:	107	Resp:	107128
Ion	Ratio	Lower	Upper
107	100		
108	109.0	87.9	131.9
77	45.3	35.1	52.7
79	41.6	34.5	51.7



#18
Hexachloroethane
Concen: 34.441 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion:	117	Resp:	41728
Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.6	111.8
201	108.3	80.8	121.2

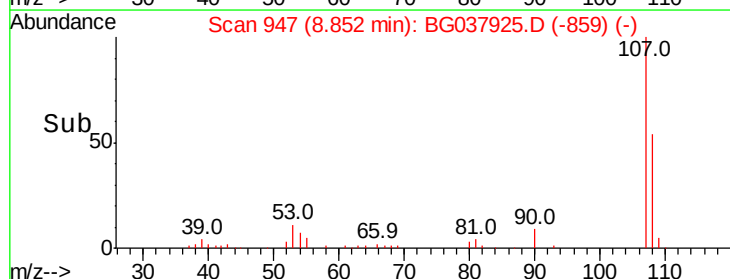
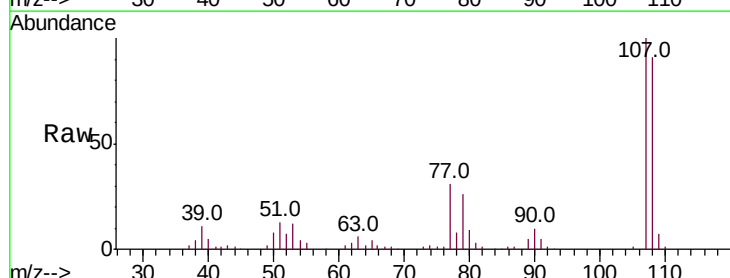
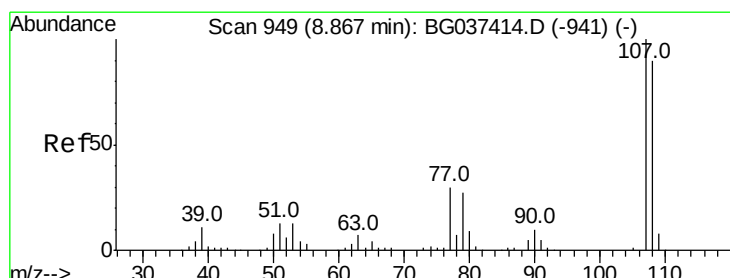
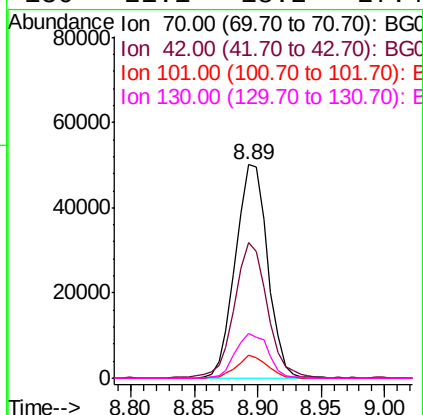




#19
n-Nitroso-di-n-propylamine
Concen: 31.807 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

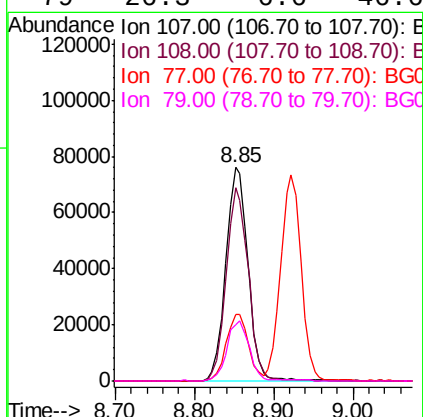
Instrument :
BNA_G
ClientSampleId :
PB114695BS

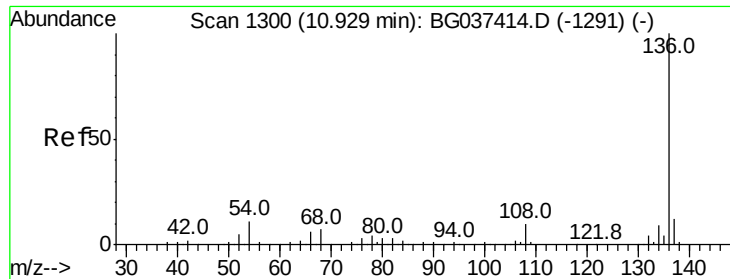
Tot Ion:	70	Resp:	88354
Ion	Ratio	Lower	Upper
70	100		
42	63.7	53.9	80.9
101	11.0	8.2	12.2
130	21.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 36.555 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion:	107	Resp:	147062
Ion	Ratio	Lower	Upper
107	100		
108	90.6	69.9	109.9
77	31.3	11.2	51.2
79	26.3	6.6	46.6

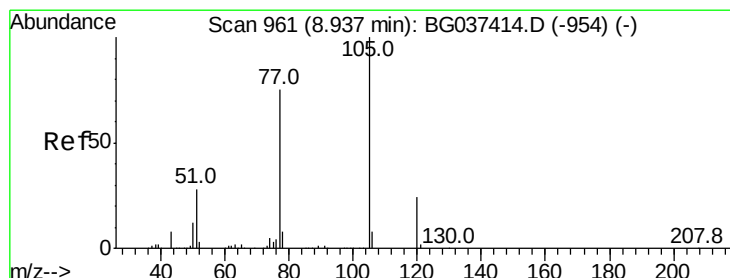
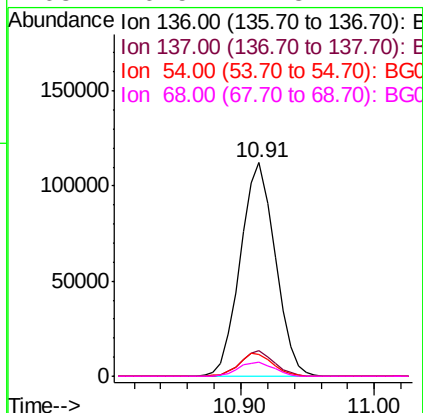
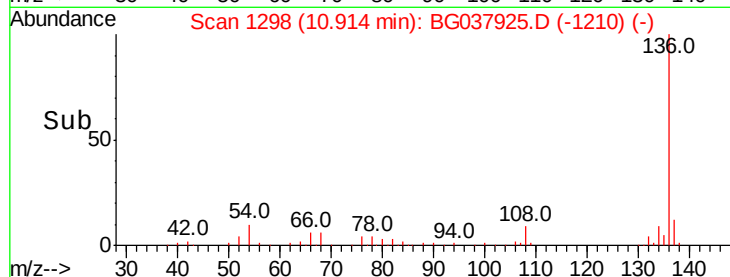
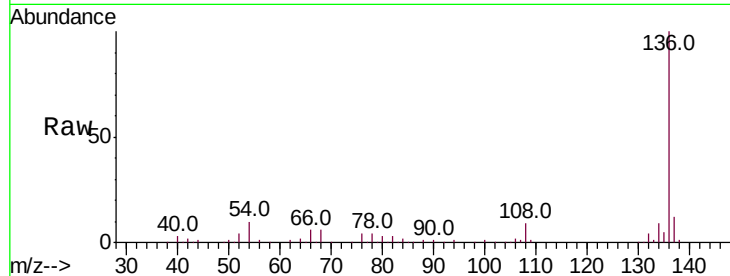




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

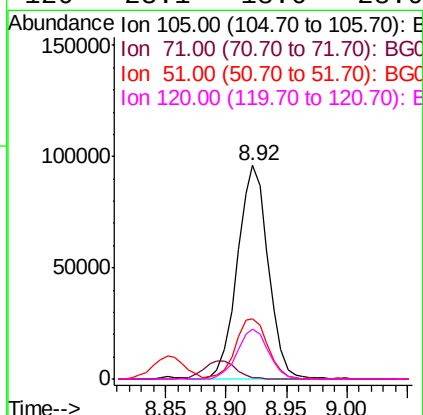
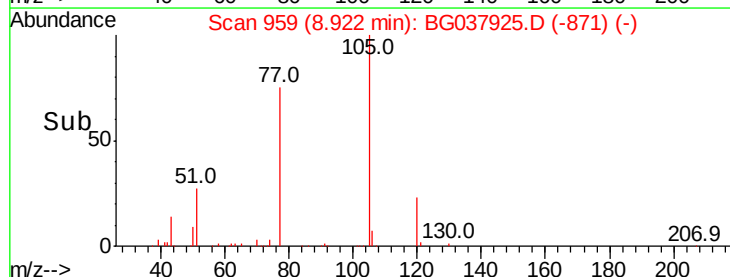
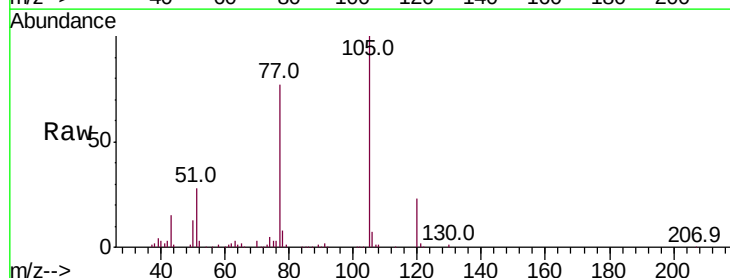
Instrument :
BNA_G
ClientSampleId :
PB114695BS

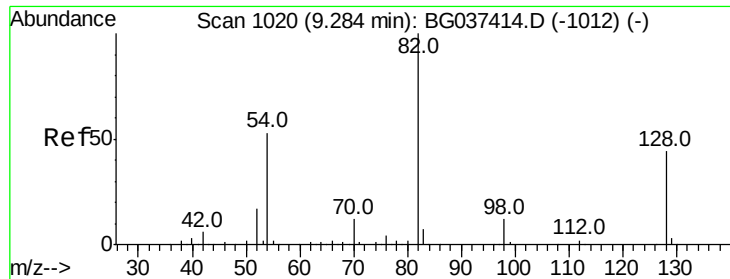
Tot Ion:	136	Resp:	203432
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	10.4	7.9	11.9
68	6.5	4.8	7.2



#22
Acetophenone
Concen: 33.226 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion:	105	Resp:	169520
Ion	Ratio	Lower	Upper
105	100		
71	0.4	1.2	1.8#
51	28.0	25.0	37.6
120	23.1	18.6	28.0

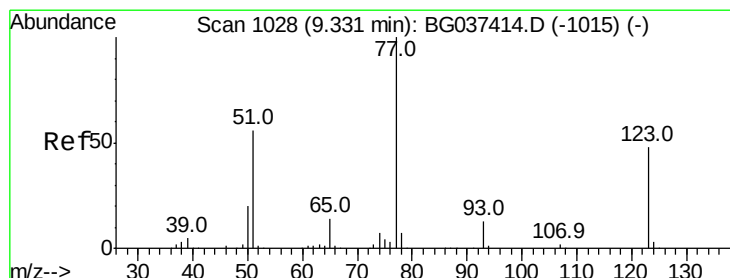
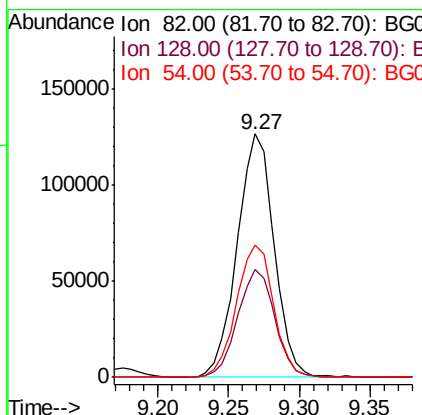
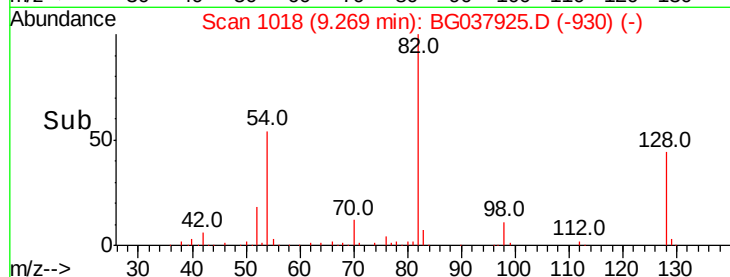
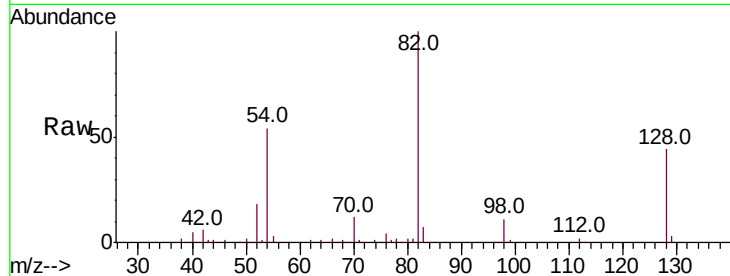




#23
 Nitrobenzene-d5
 Concen: 63.883 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

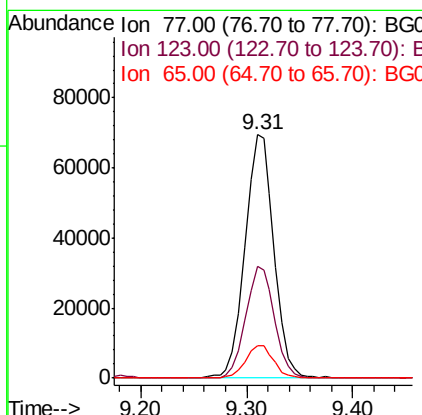
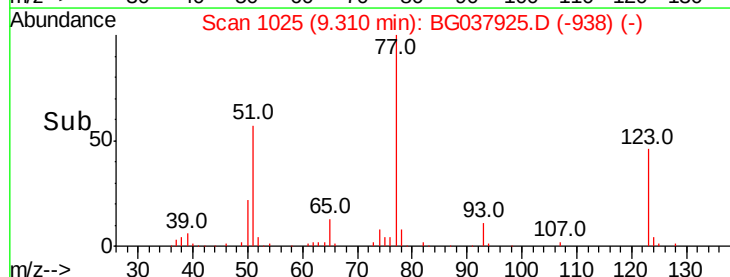
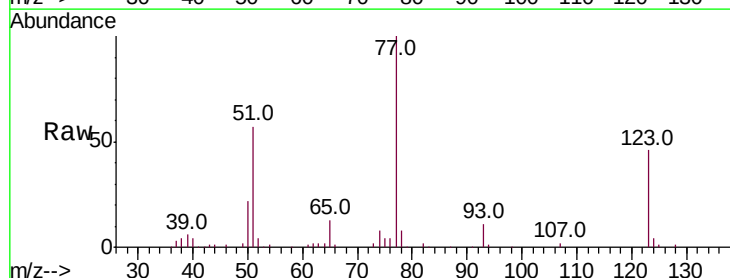
Instrument :
 BNA_G
 ClientSampleId :
 PB114695BS

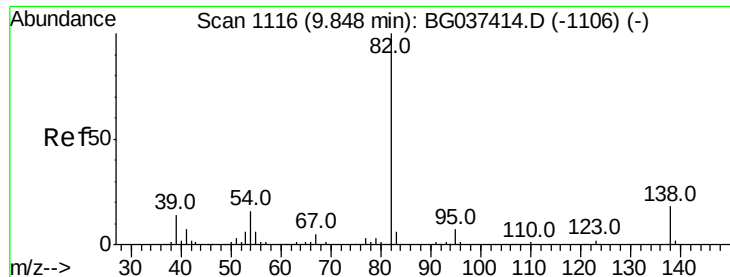
Tot Ion: 82 Resp: 231989
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 51.8
 54 54.1 45.3 67.9



#24
 Nitrobenzene
 Concen: 35.015 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Tgt Ion: 77 Resp: 132095
 Ion Ratio Lower Upper
 77 100
 123 45.9 33.6 50.4
 65 13.1 11.3 16.9





#25

Isophorone

Concen: 37.367 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

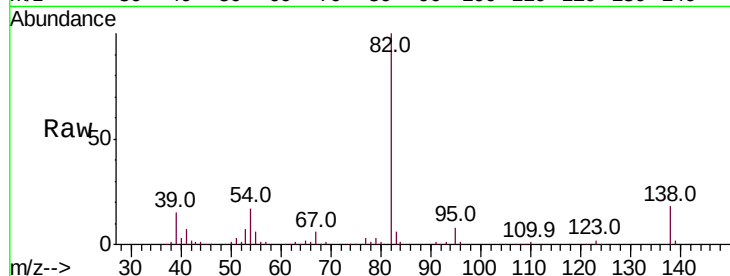
Tot Ion: 82 Resp: 247945

Ion Ratio Lower Upper

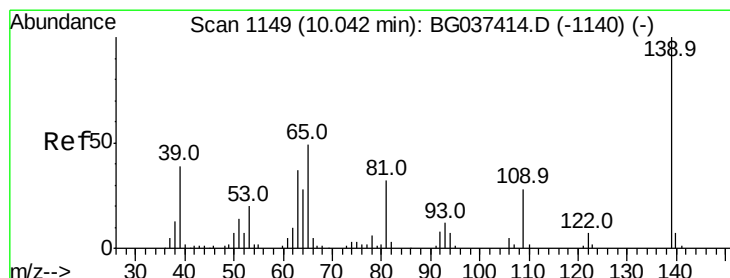
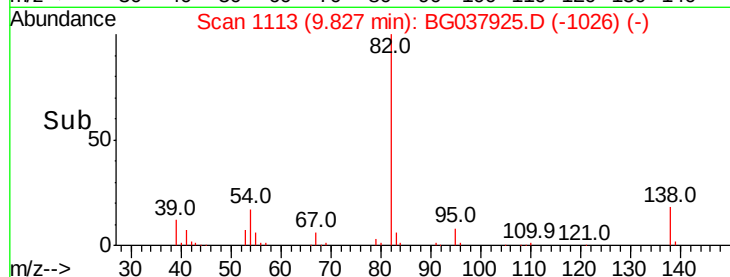
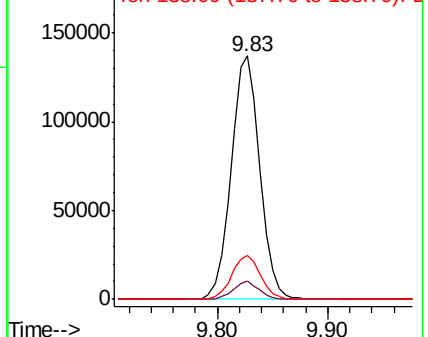
82 100

95 7.6 5.3 7.9

138 18.1 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: 38.558 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

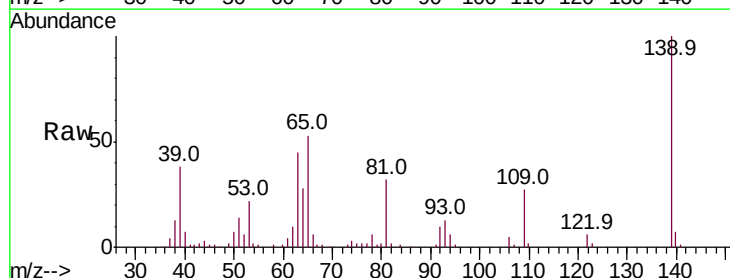
Tgt Ion: 139 Resp: 65529

Ion Ratio Lower Upper

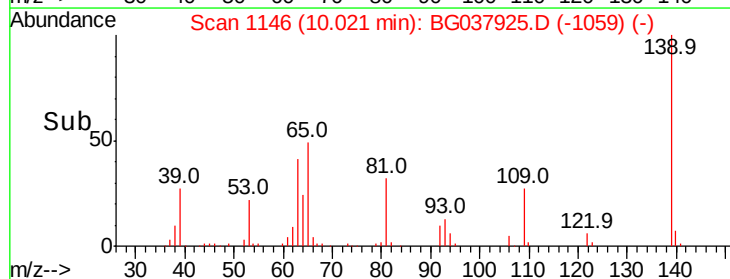
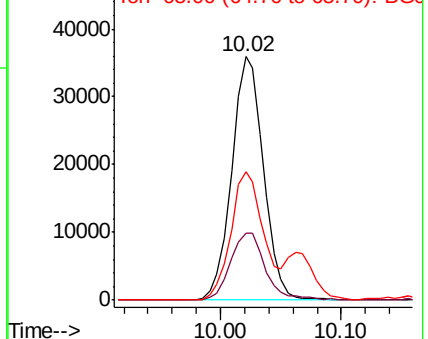
139 100

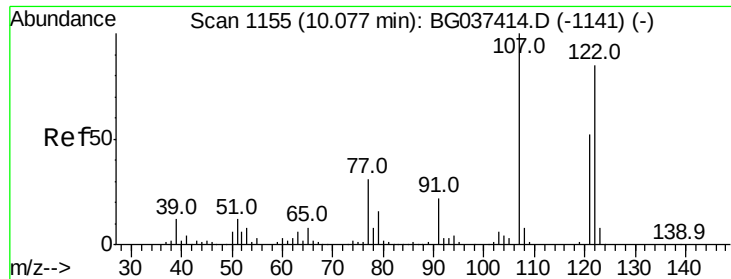
109 27.4 23.3 34.9

65 52.9 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

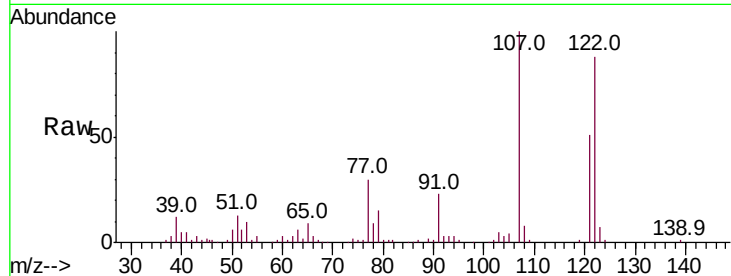




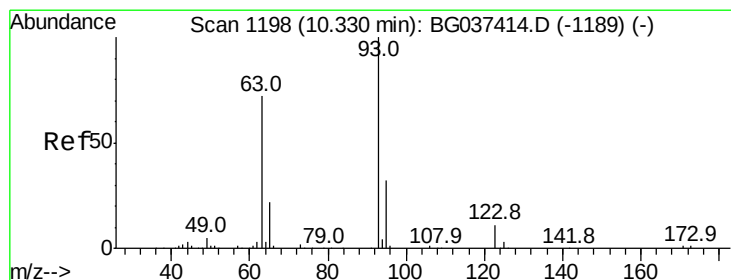
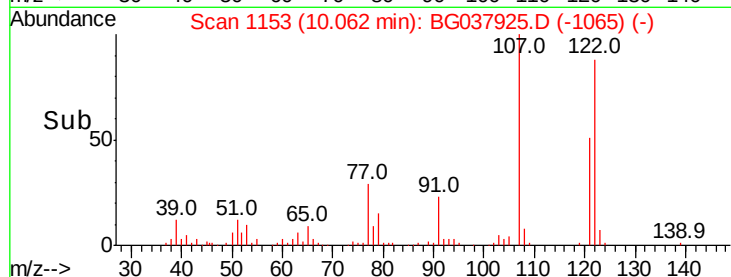
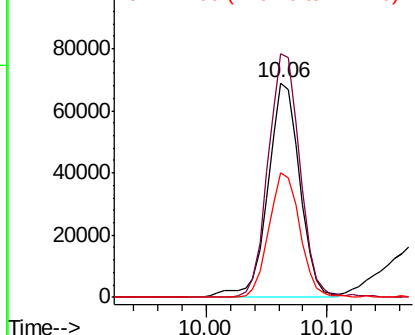
#27
 2,4-Dimethylphenol
 Concen: 41.388 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 PB114695BS

Tot Ion:122 Resp: 125589
 Ion Ratio Lower Upper
 122 100
 107 113.6 94.2 141.2
 121 58.3 47.3 70.9

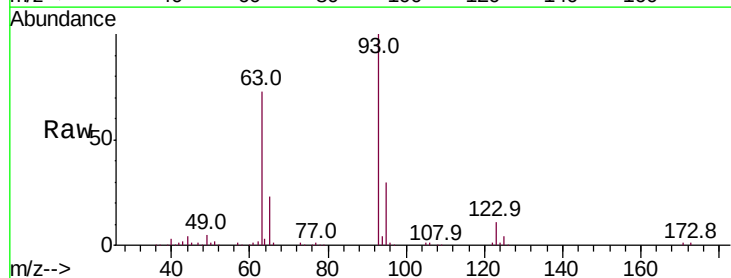


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

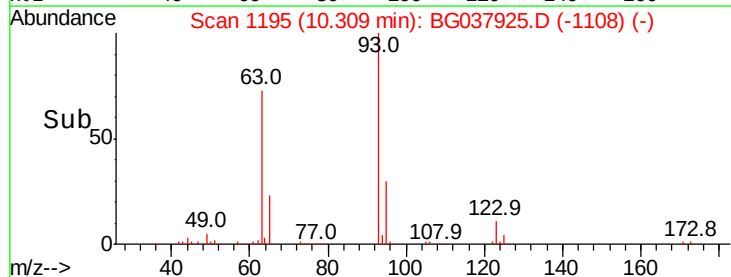
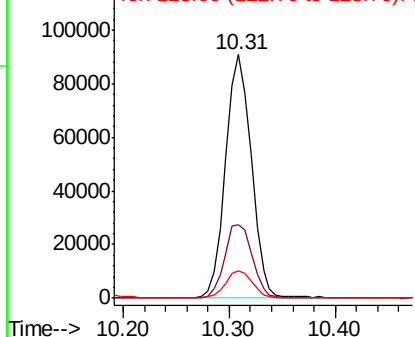


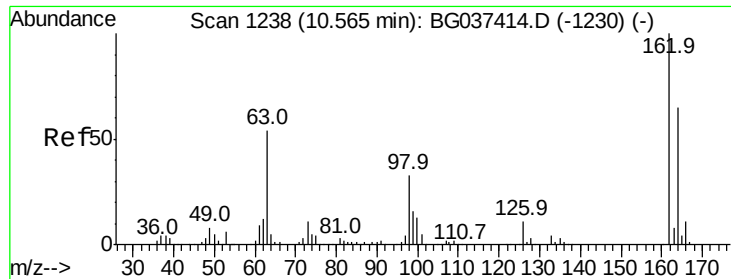
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.442 ng
 RT: 10.31 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Tgt Ion: 93 Resp: 154080
 Ion Ratio Lower Upper
 93 100
 95 30.2 24.6 37.0
 123 11.4 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

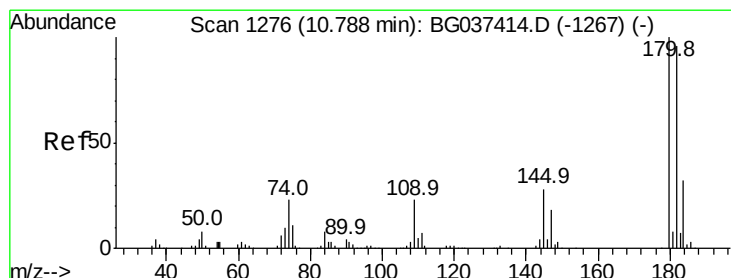
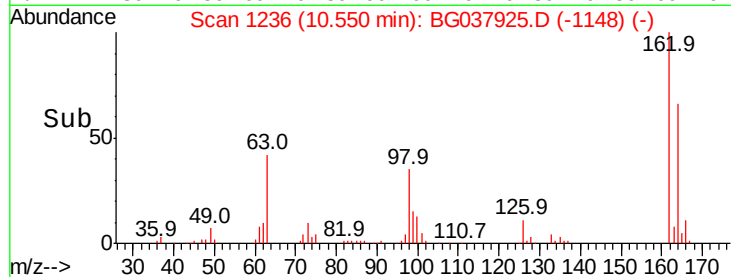
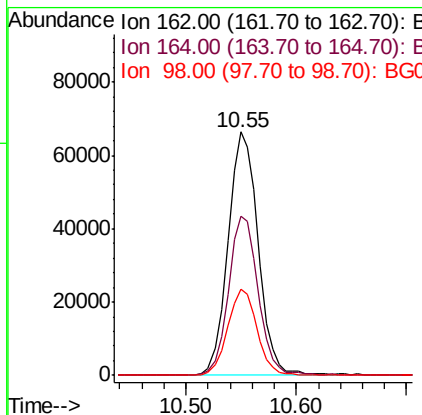
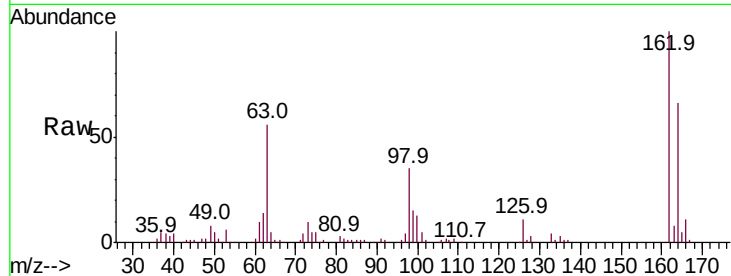




#29
 2,4-Dichlorophenol
 Concen: 37.587 ng
 RT: 10.55 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

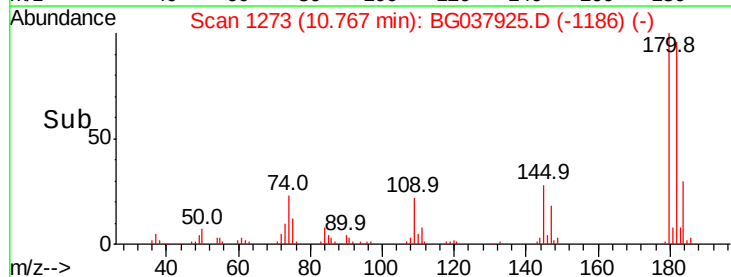
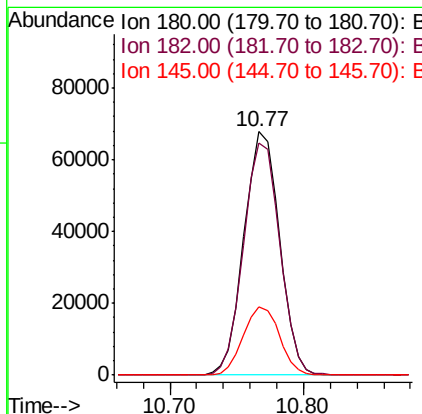
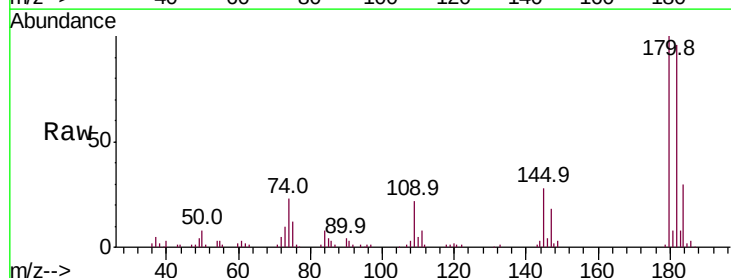
Instrument :
 BNA_G
 ClientSampleId :
 PB114695BS

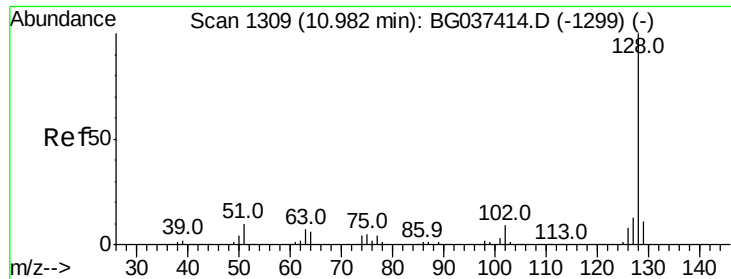
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.2	83.2
98	35.3	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 34.045 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.7	116.5
145	28.2	23.3	34.9

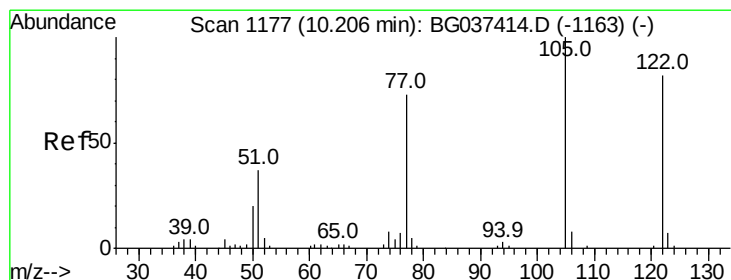
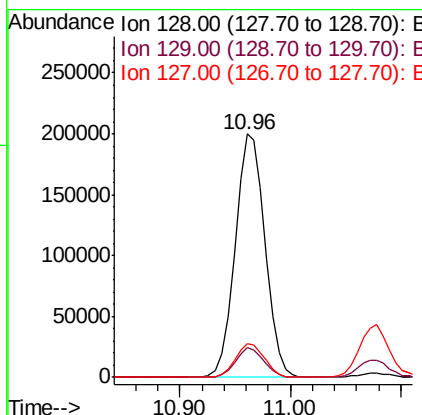
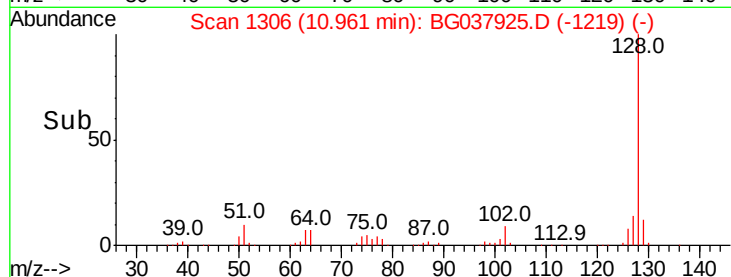
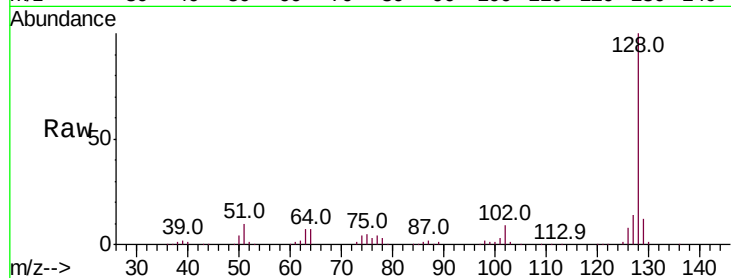




#31
Naphthalene
Concen: 37.714 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

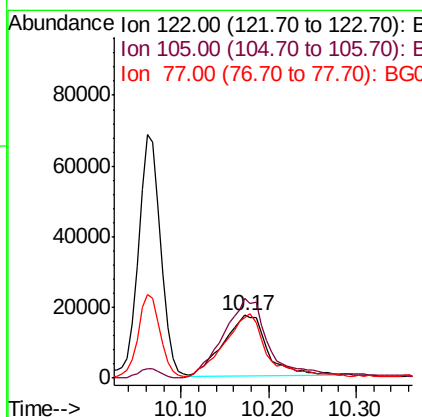
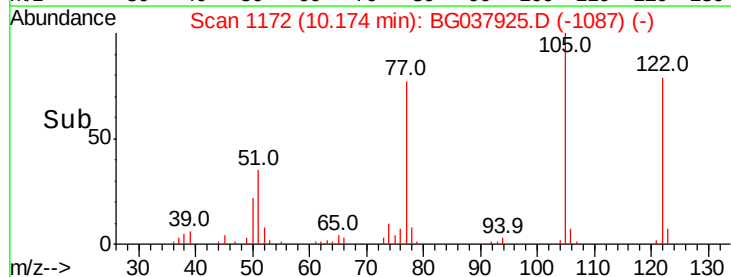
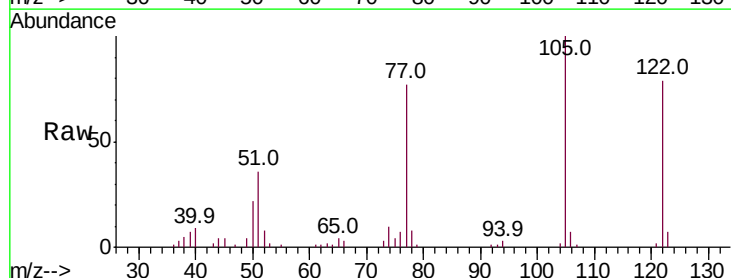
Instrument :
BNA_G
ClientSampleId :
PB114695BS

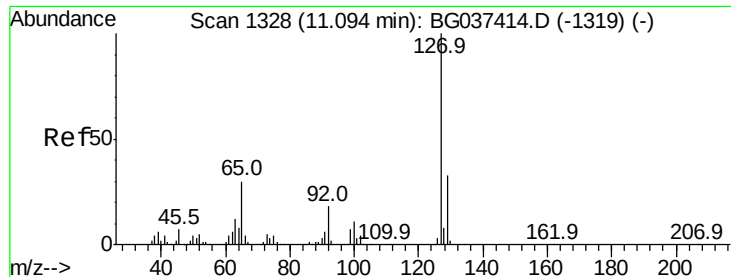
Tot Ion:128 Resp: 376839
Ion Ratio Lower Upper
128 100
129 12.4 9.0 13.6
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 30.117 ng
RT: 10.17 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion:122 Resp: 59358
Ion Ratio Lower Upper
122 100
105 126.5 106.7 146.7
77 96.8 72.2 112.2

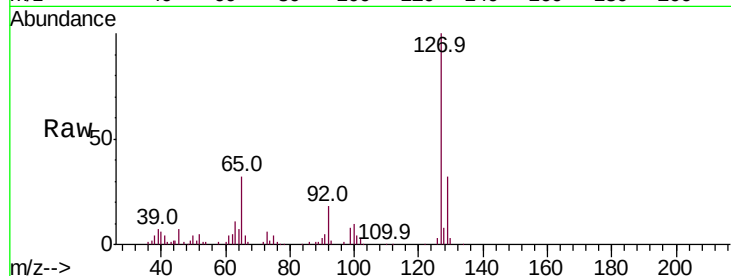




#33
4-Chloroaniline
Concen: 17.727 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :
PB114695BS

Tot Ion:	127	Resp:	83227
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.1	40.7
65	32.0	26.6	39.8
92	18.0	16.4	24.6



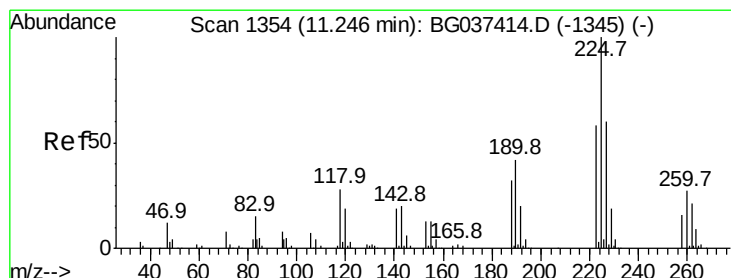
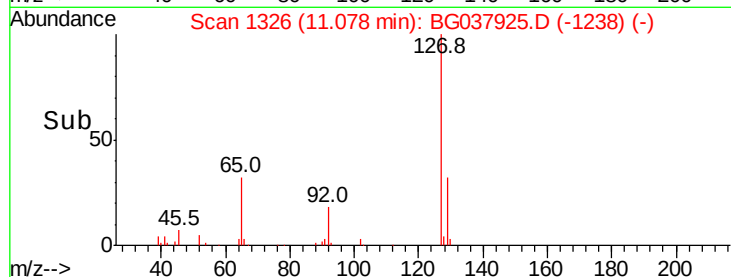
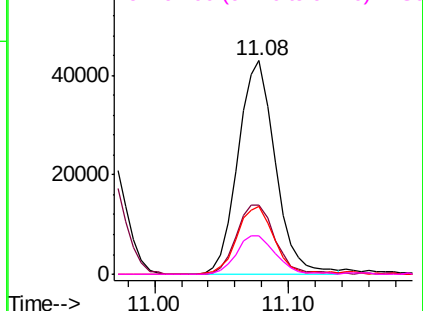
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

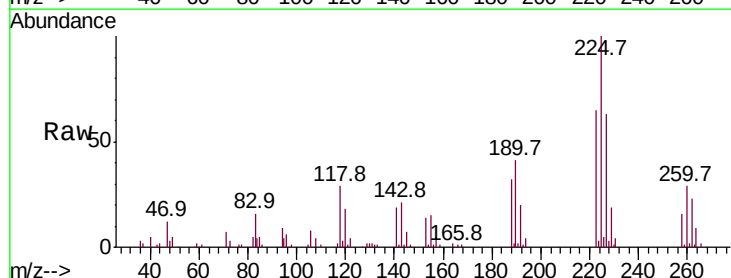
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 34.158 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion:	225	Resp:	74380
Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.2	72.4
227	62.6	51.6	77.4

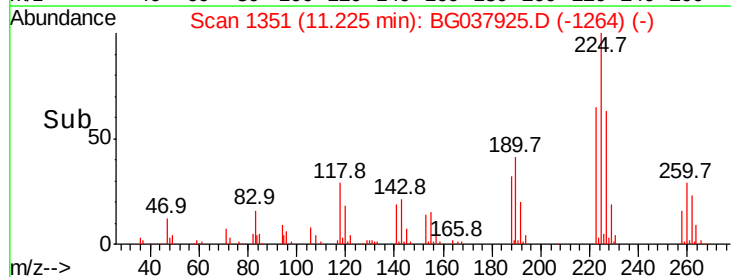
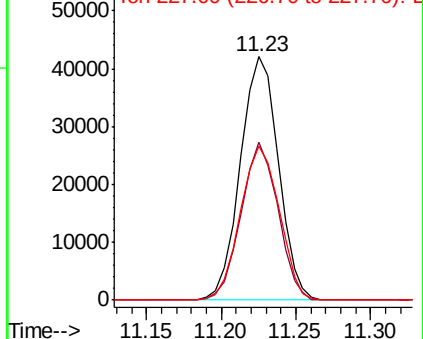


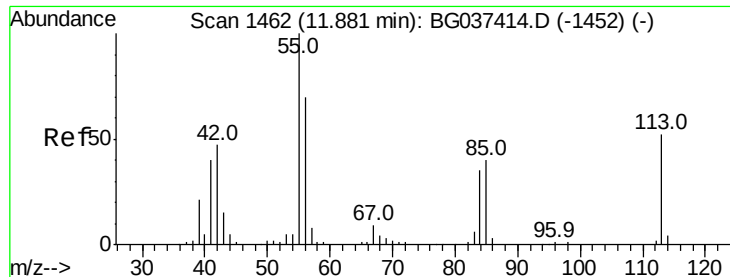
Abundance

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: 32.061 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

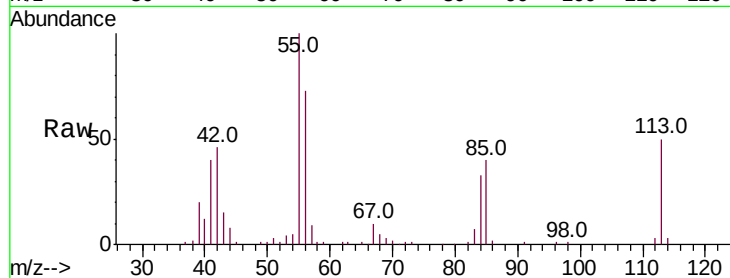
Tot Ion:113 Resp: 43443

Ion Ratio Lower Upper

113 100

55 199.9 176.6 216.6

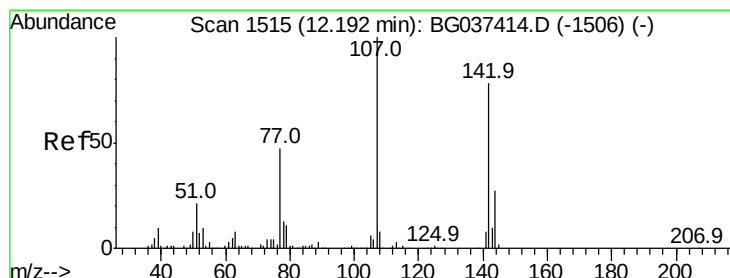
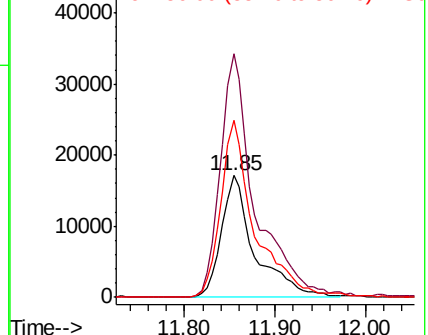
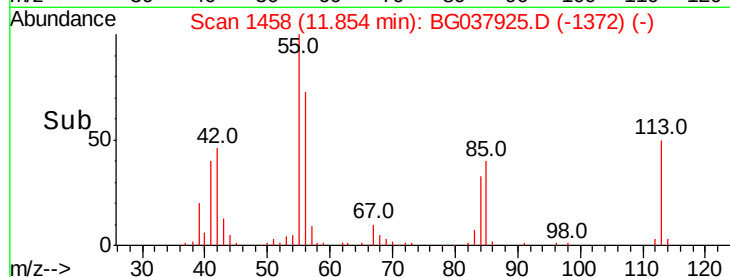
56 145.8 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 36.502 ng

RT: 12.18 min Scan# 1513

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

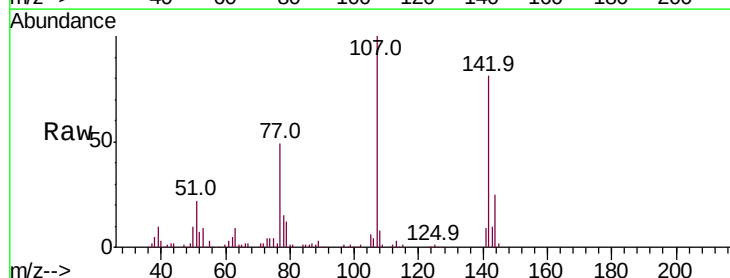
Tgt Ion:107 Resp: 139082

Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

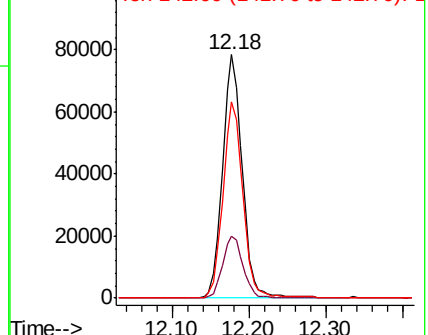
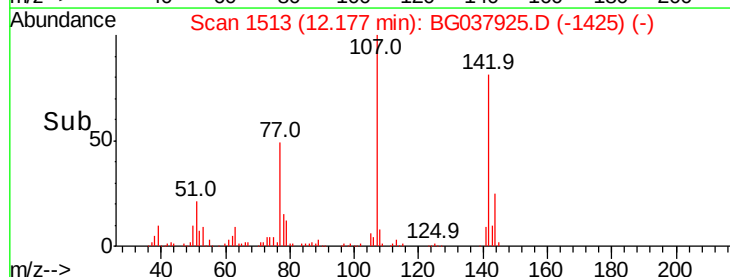
142 80.5 64.4 96.6

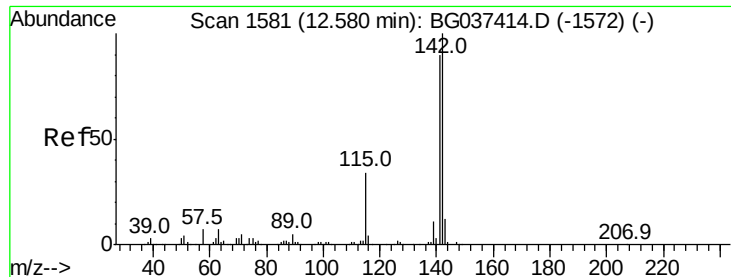


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.485 ng

RT: 12.56 min Scan# 1578

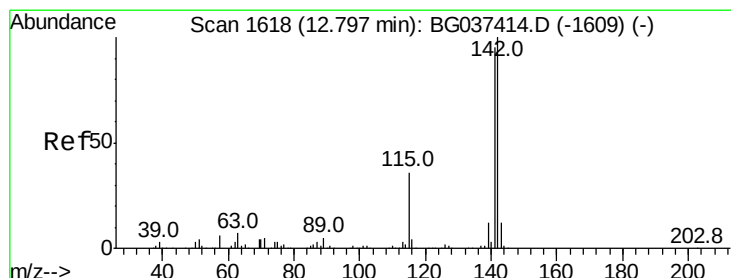
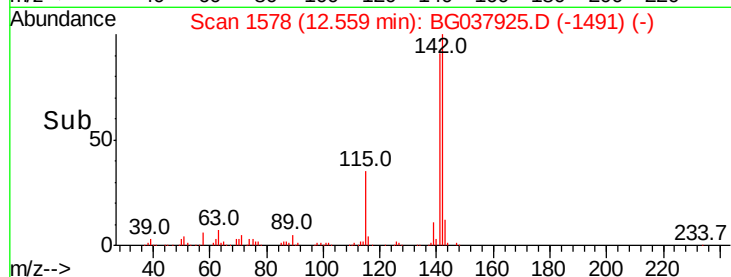
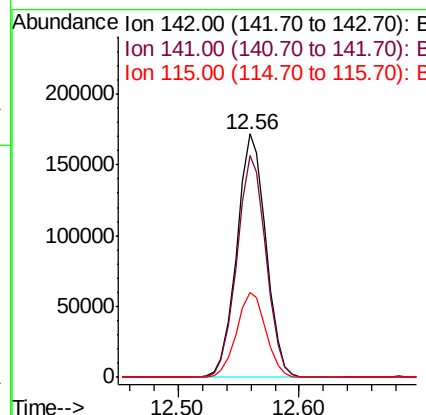
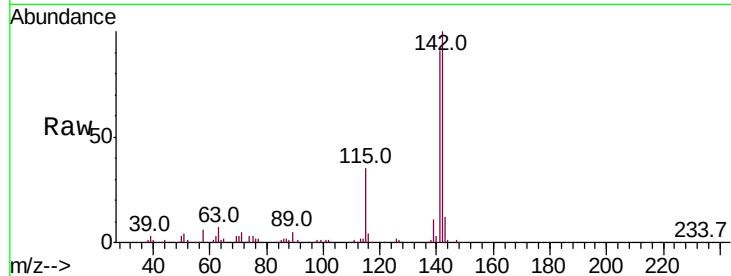
Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :
PB114695BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9
115	34.8	27.8	41.8



#38

1-Methylnaphthalene

Concen: 38.954 ng

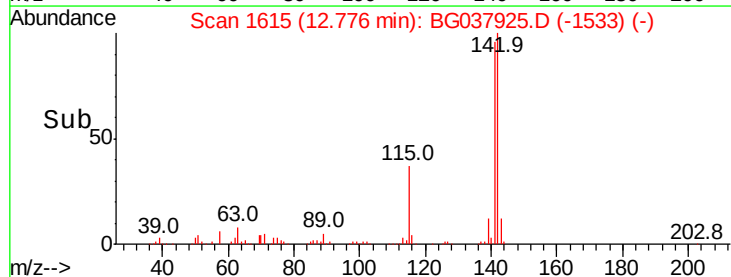
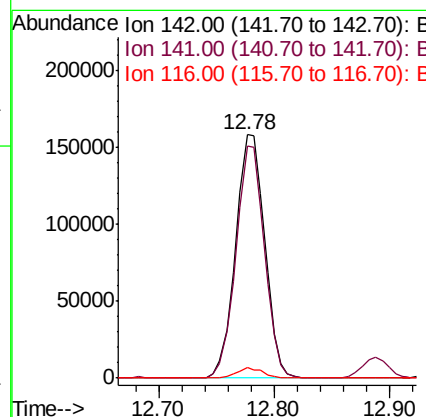
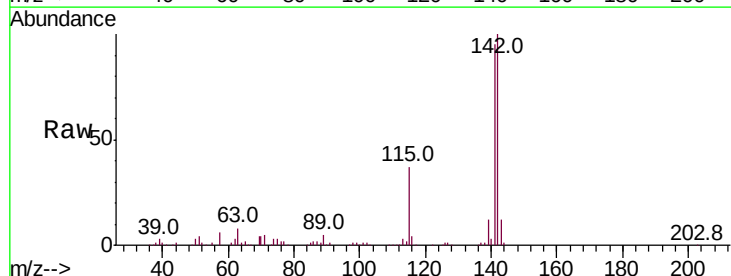
RT: 12.78 min Scan# 1615

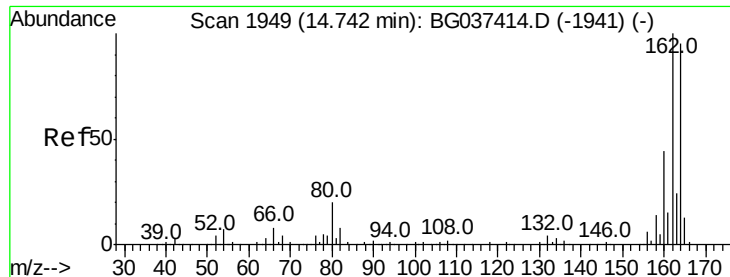
Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.2	112.8
116	4.2	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

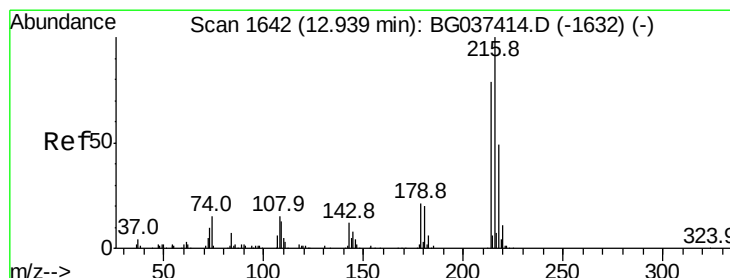
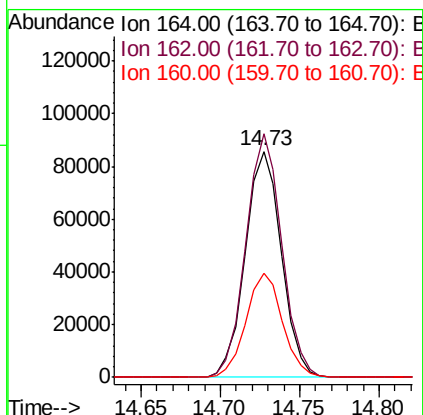
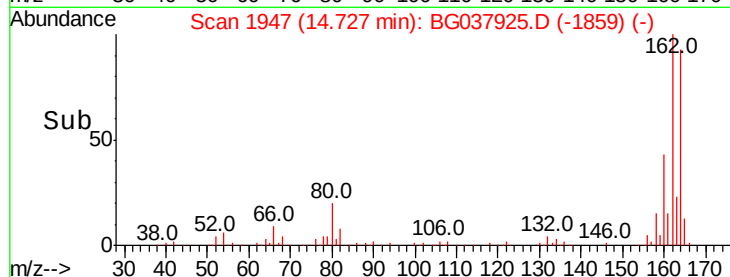
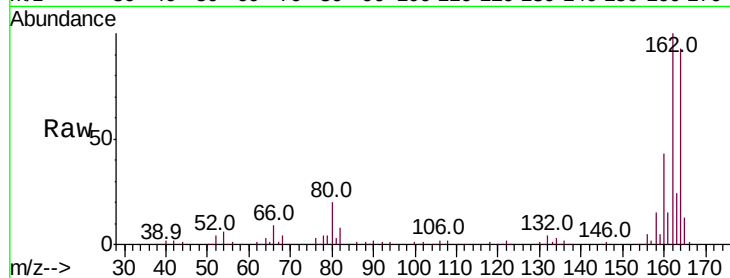
Tot Ion:164 Resp: 135790

Ion Ratio Lower Upper

164 100

162 107.6 81.3 121.9

160 45.8 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.166 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Tgt Ion:216 Resp: 149647

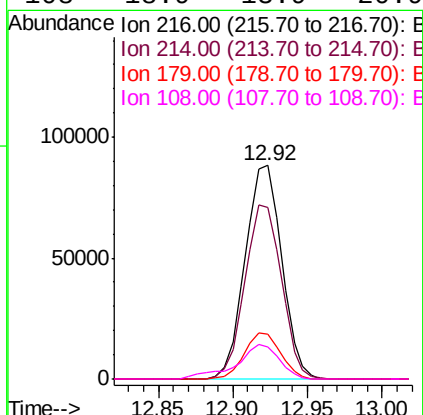
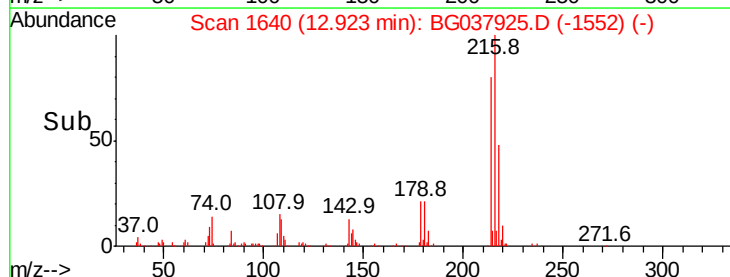
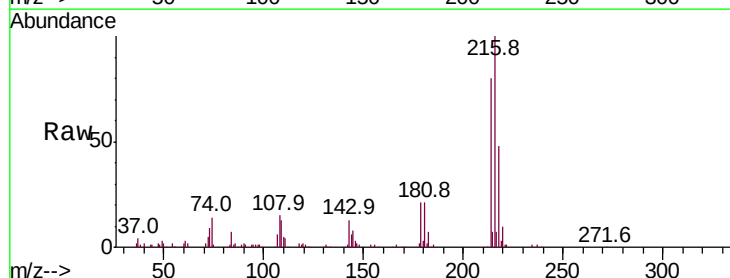
Ion Ratio Lower Upper

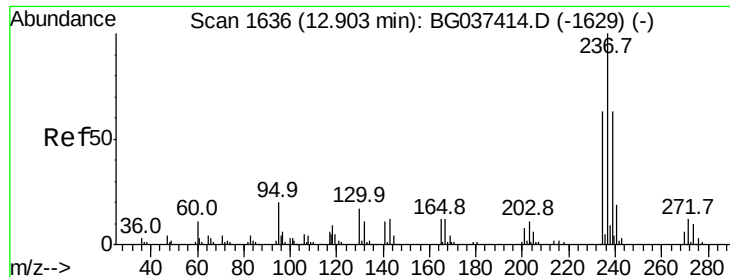
216 100

214 81.5 63.8 95.6

179 21.2 17.4 26.0

108 18.9 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 87.376 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

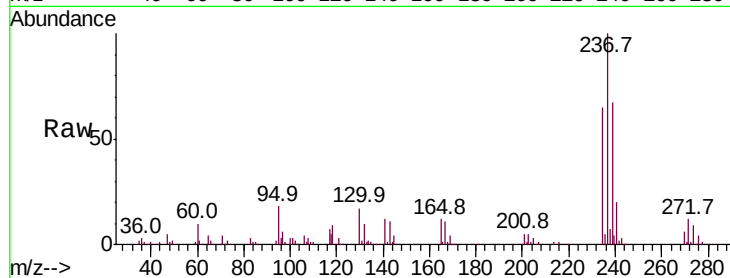
Tot Ion:237 Resp: 182807

Ion Ratio Lower Upper

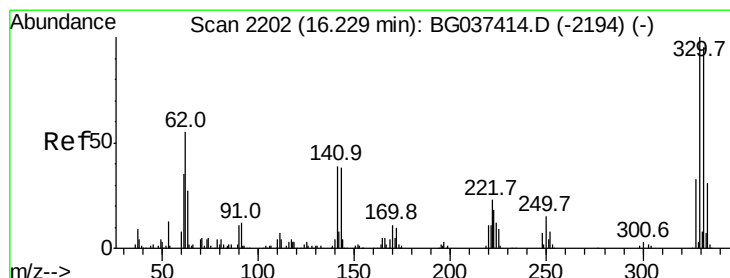
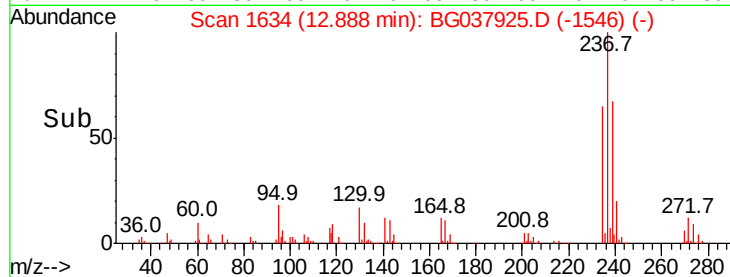
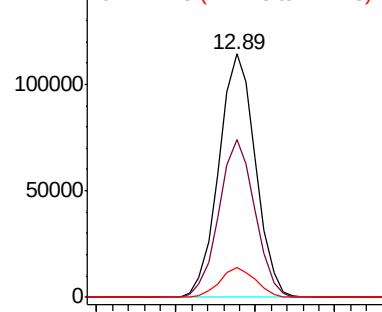
237 100

235 64.7 42.5 82.5

272 12.4 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: 100.435 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

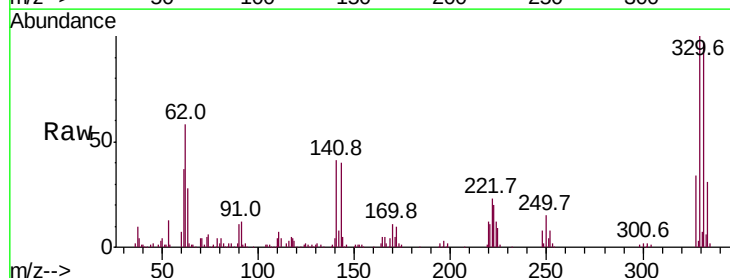
Tgt Ion:330 Resp: 148749

Ion Ratio Lower Upper

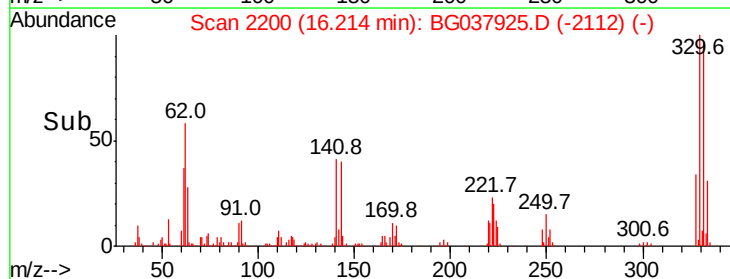
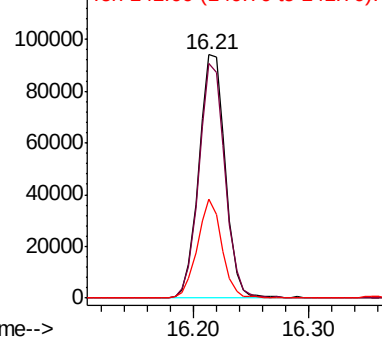
330 100

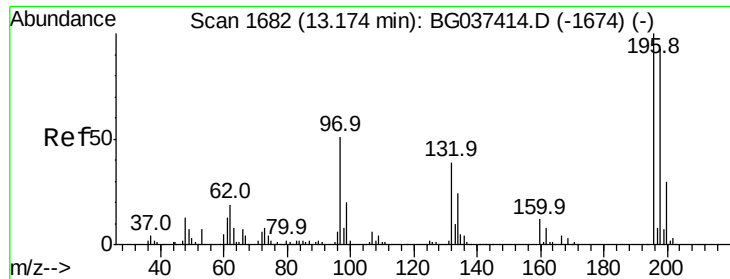
332 95.1 78.4 117.6

141 38.0 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

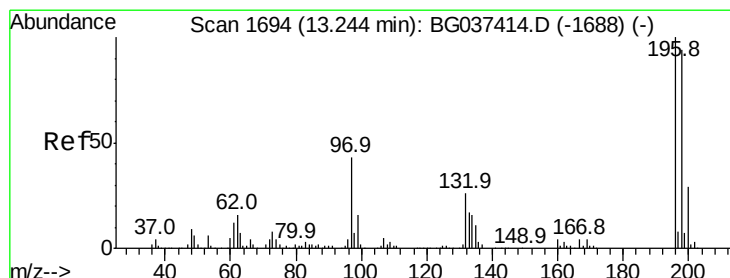
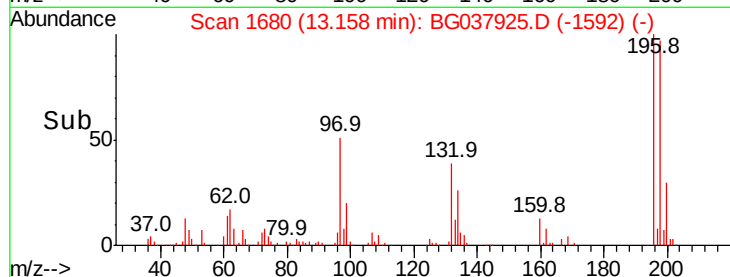
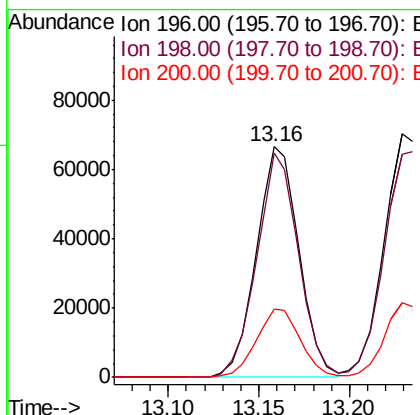
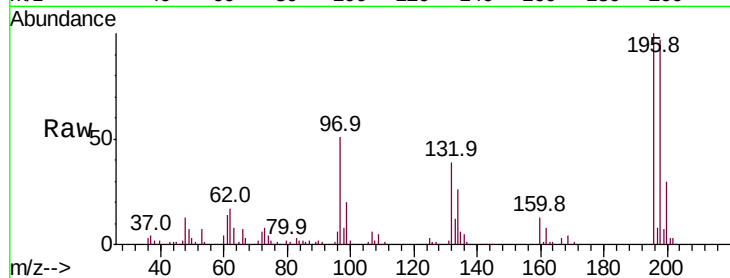




#43
 2,4,6-Trichlorophenol
 Concen: 36.982 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

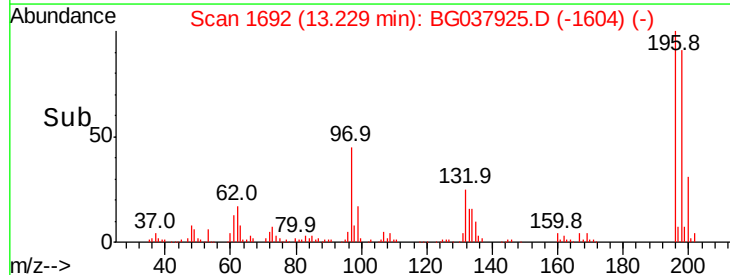
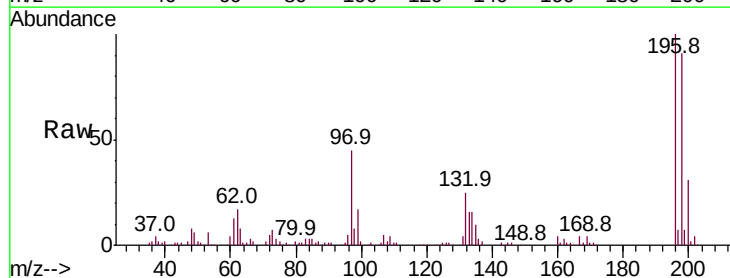
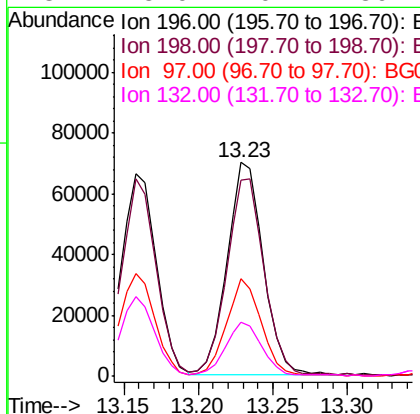
Instrument :
 BNA_G
 ClientSampleId :
 PB114695BS

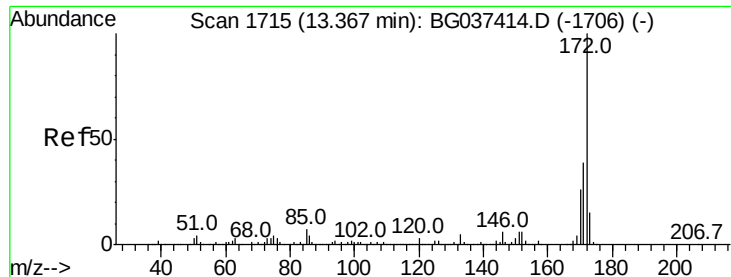
Tot Ion	196	Resp	108217
Ion Ratio	Lower	Upper	
196	100		
198	97.4	76.4	114.6
200	29.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.195 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Tgt Ion	196	Resp	118501
Ion Ratio	Lower	Upper	
196	100		
198	91.5	74.2	111.2
97	45.4	34.1	51.1
132	25.0	20.2	30.4

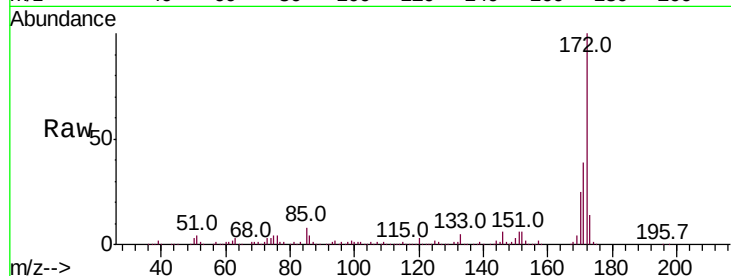




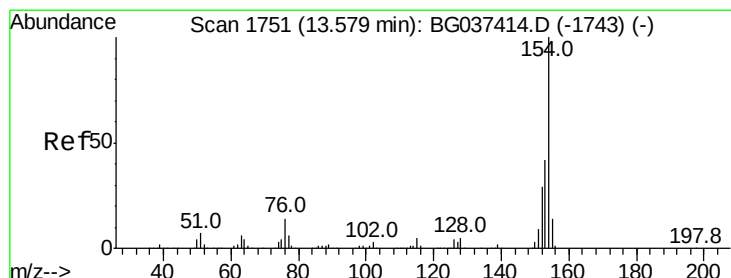
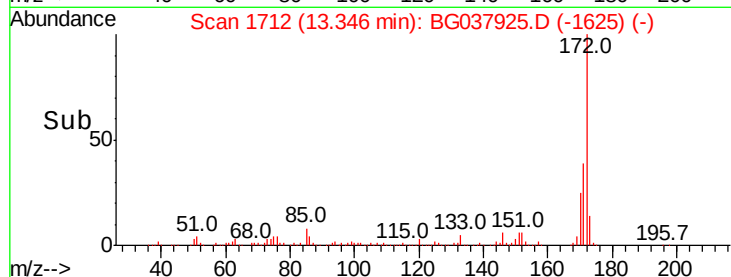
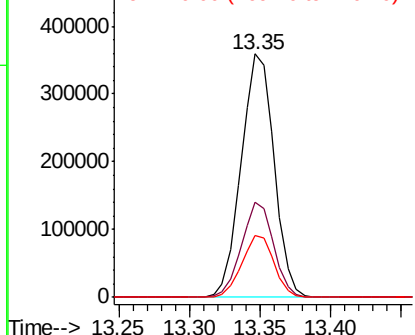
#45
2-Fluorobiphenyl
Concen: 65.123 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :
PB114695BS

Tot Ion:172 Resp: 586434
Ion Ratio Lower Upper
172 100
171 39.0 31.0 46.4
170 25.3 20.2 30.2

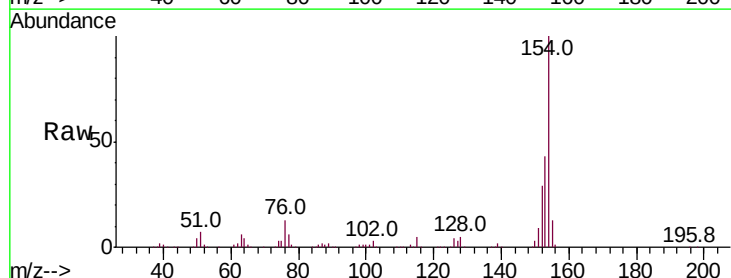


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

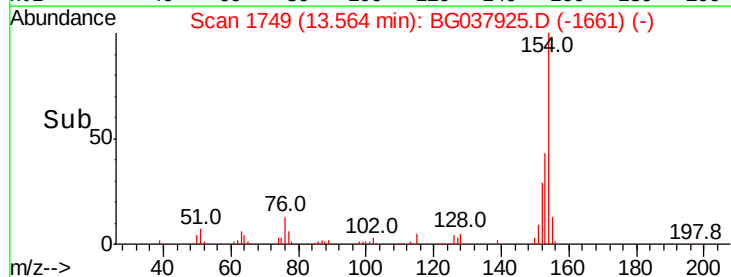
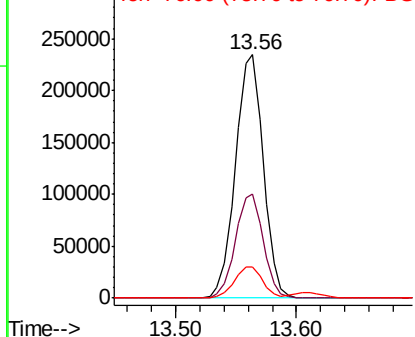


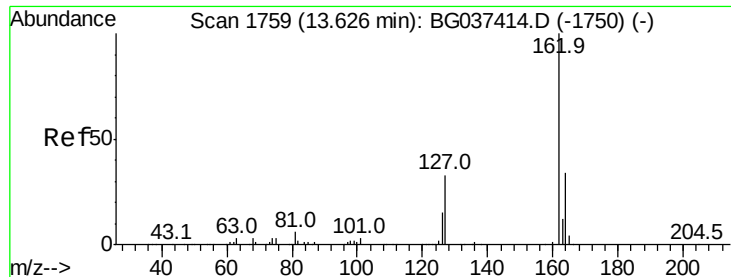
#46
1,1'-Biphenyl
Concen: 33.572 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion:154 Resp: 377537
Ion Ratio Lower Upper
154 100
153 42.7 22.1 62.1
76 12.7 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

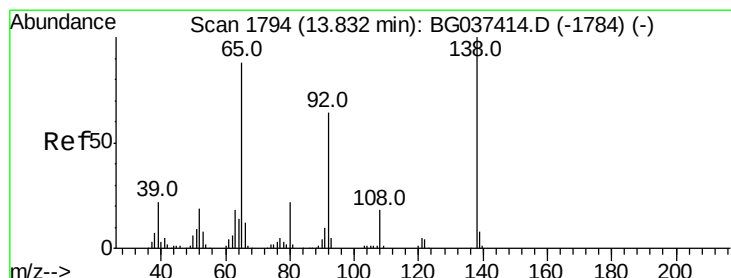
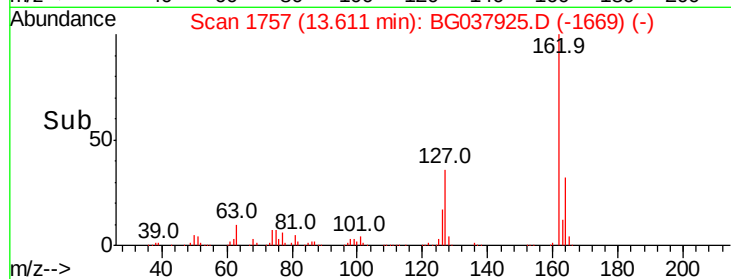
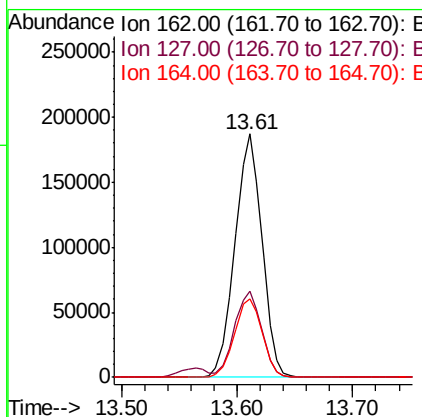
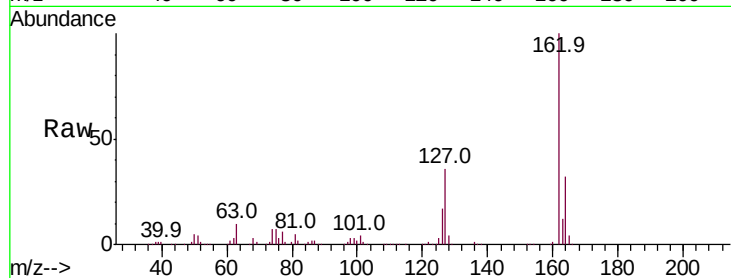




#47
 2-Chloronaphthalene
 Concen: 35.647 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

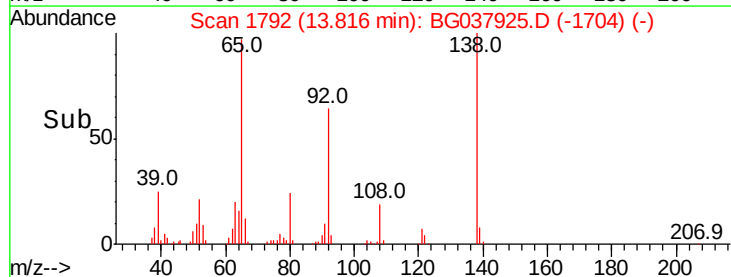
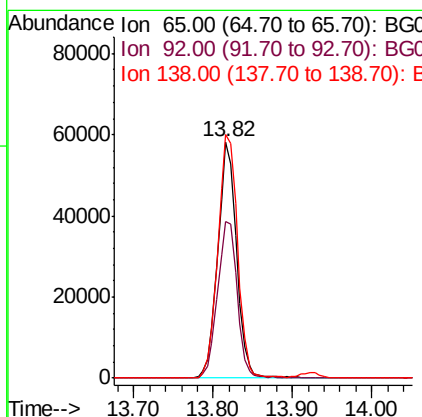
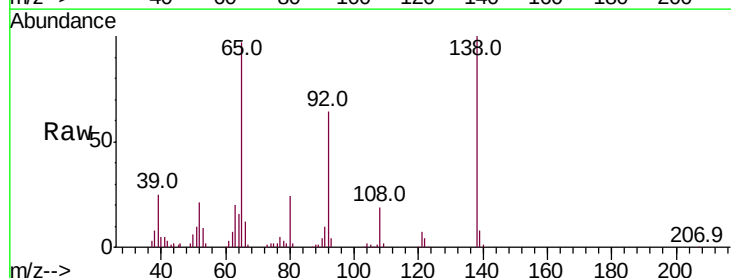
Instrument :
 BNA_G
 ClientSampleId :
 PB114695BS

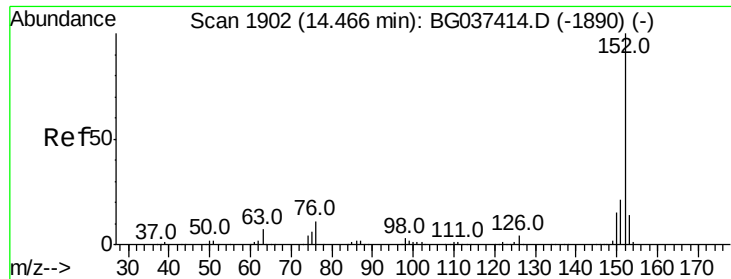
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.5	45.7
164	32.0	26.4	39.6



#48
 2-Nitroaniline
 Concen: 36.985 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.2	79.8
138	103.2	79.3	118.9





#49

Acenaphthylene

Concen: 38.988 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

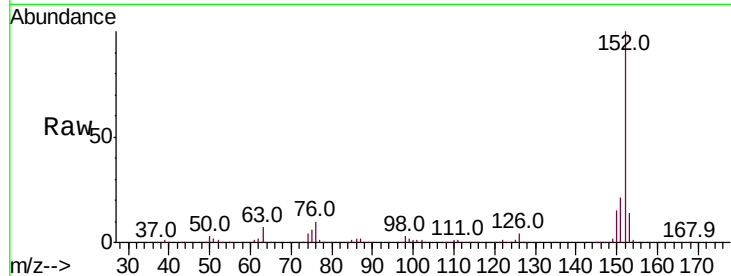
Tot Ion:152 Resp: 498979

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

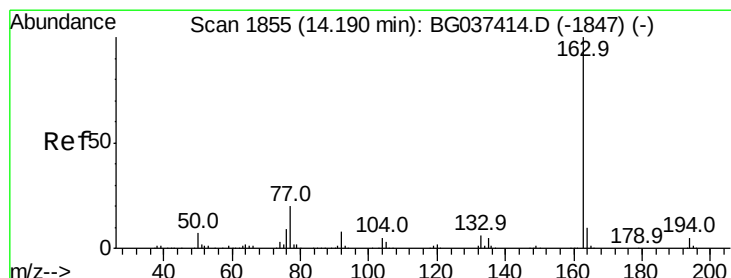
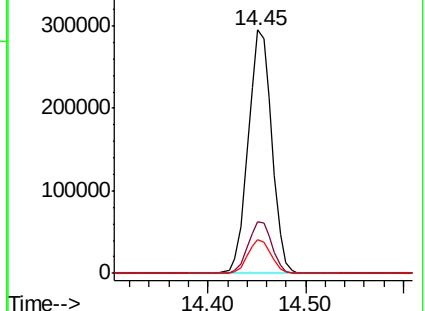
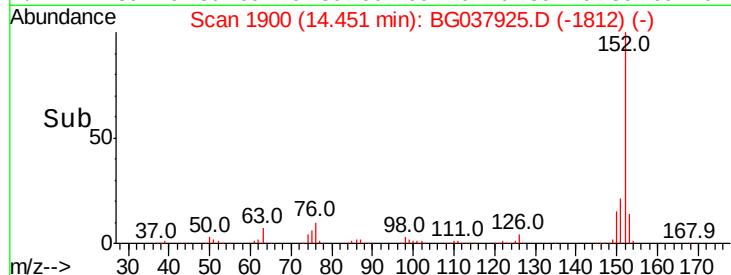
153 13.6 11.1 16.7



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: 36.376 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

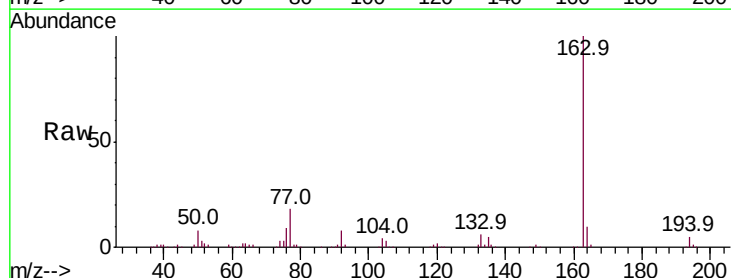
Tgt Ion:163 Resp: 382125

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

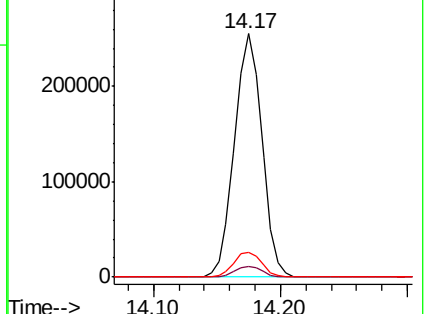
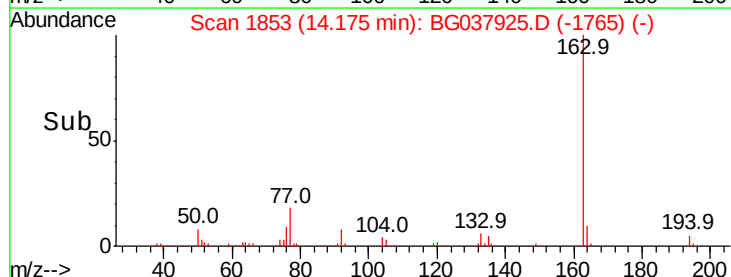
164 10.0 8.5 12.7

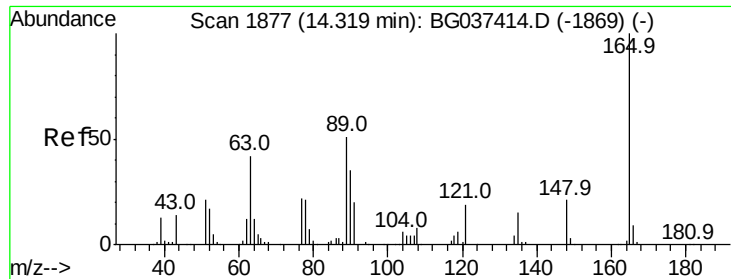


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

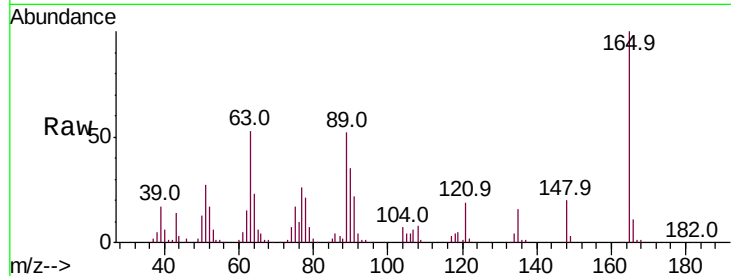




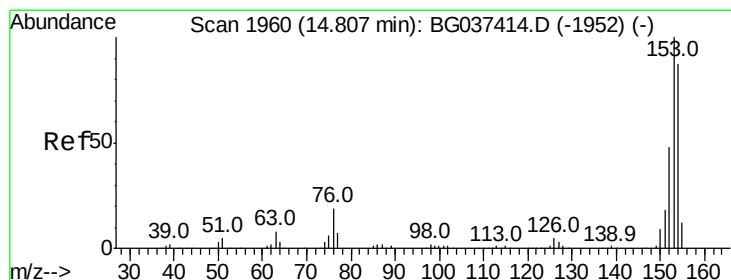
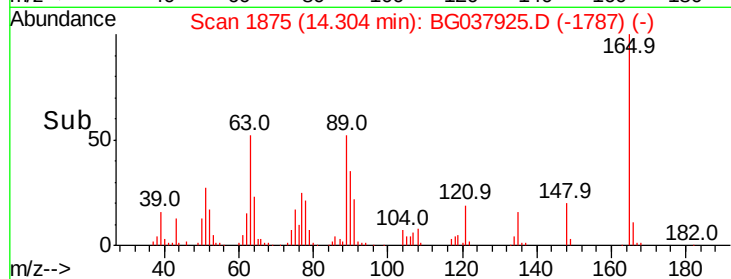
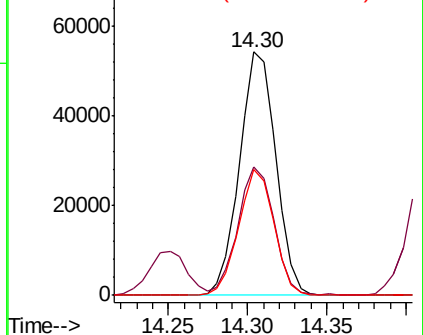
#51
 2,6-Dinitrotoluene
 Concen: 37.085 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 PB114695BS

Tot Ion:165 Resp: 86182
 Ion Ratio Lower Upper
 165 100
 63 52.7 43.4 65.2
 89 51.6 45.8 68.6

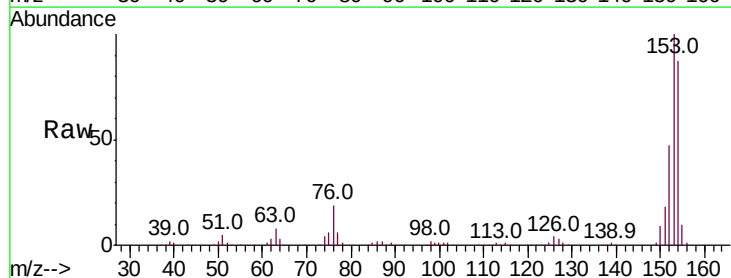


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

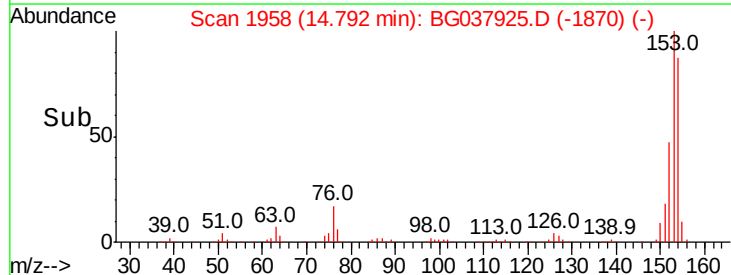
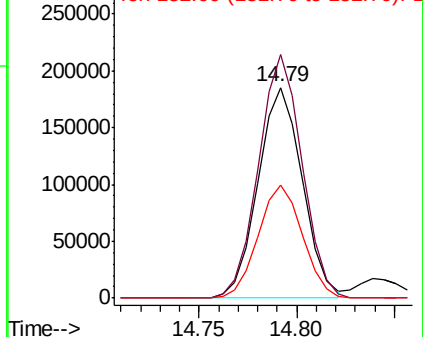


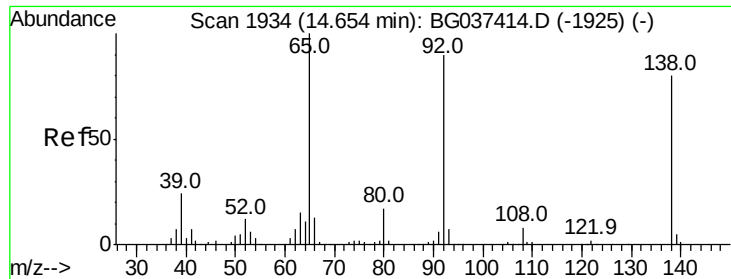
#52
 Acenaphthene
 Concen: 36.833 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Tgt Ion:154 Resp: 290320
 Ion Ratio Lower Upper
 154 100
 153 115.5 93.4 140.0
 152 53.9 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: 27.422 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

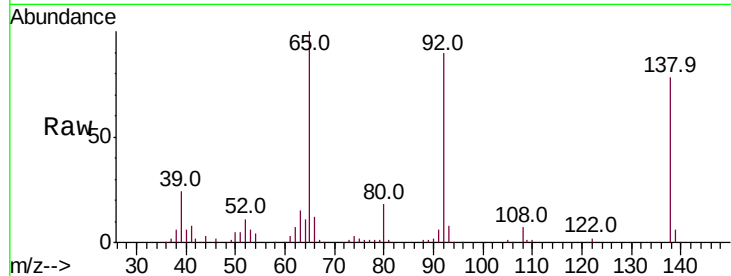
Tot Ion:138 Resp: 70744

Ion Ratio Lower Upper

138 100

108 9.0 11.0 16.6#

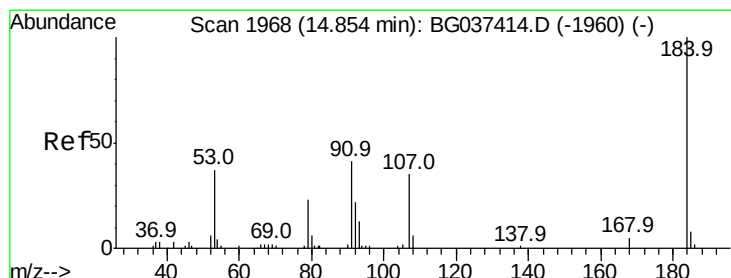
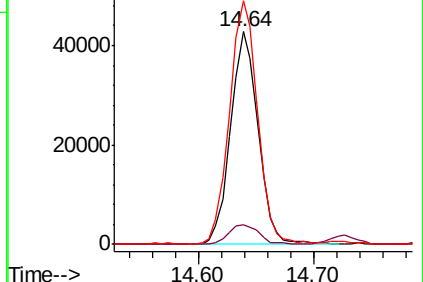
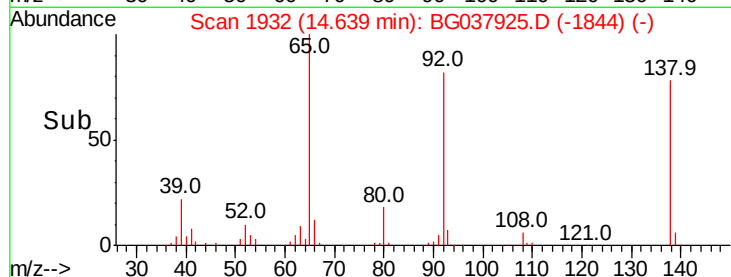
92 114.5 95.2 142.8



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: 63.303 ng

RT: 14.84 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

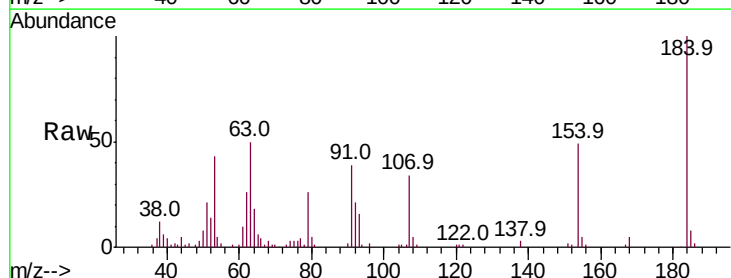
Tgt Ion:184 Resp: 56170

Ion Ratio Lower Upper

184 100

63 49.9 42.6 63.8

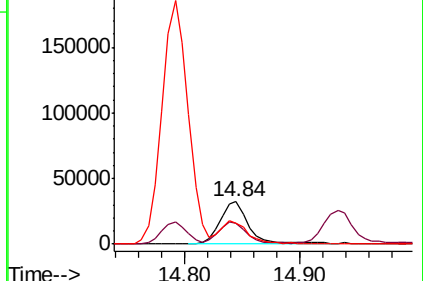
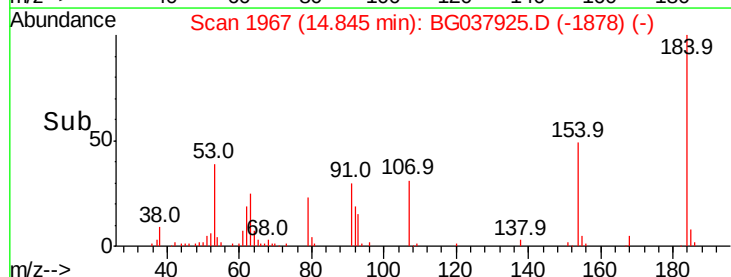
154 49.0 41.8 62.6

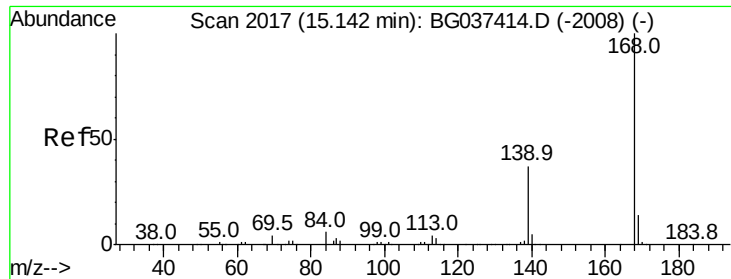


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

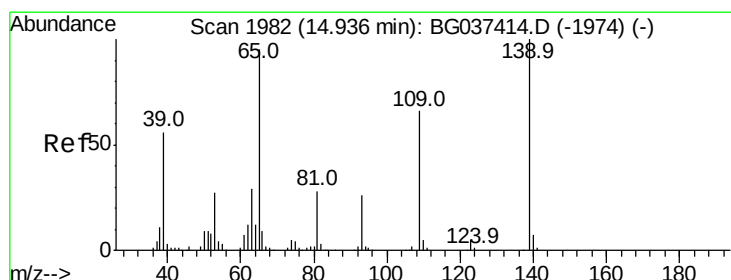
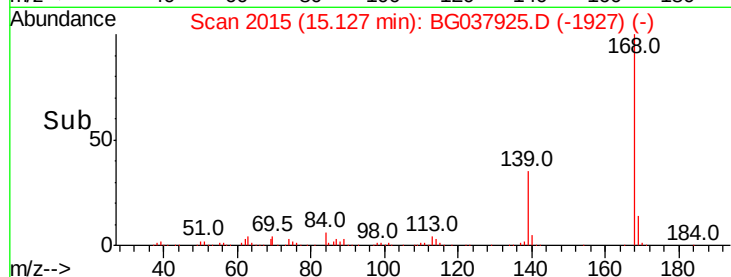
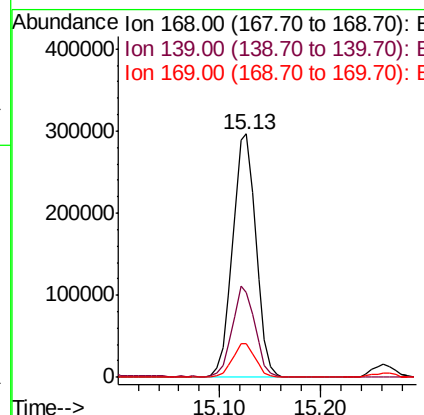
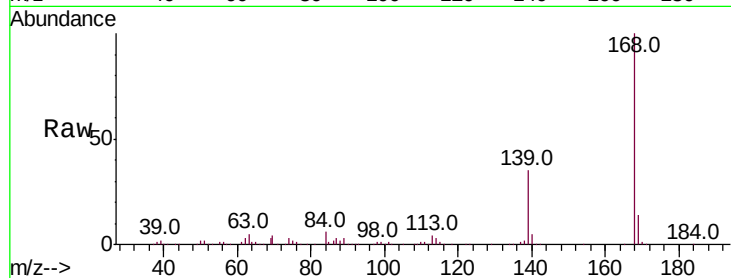




#55
Dibenzofuran
Concen: 36.239 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

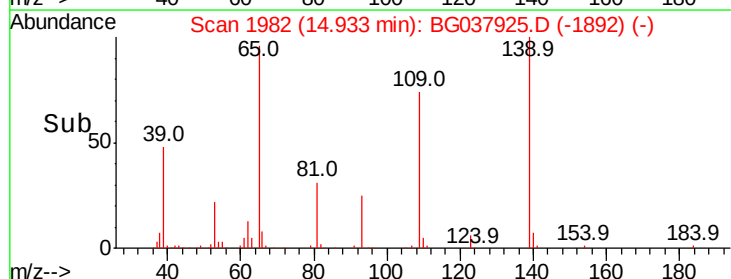
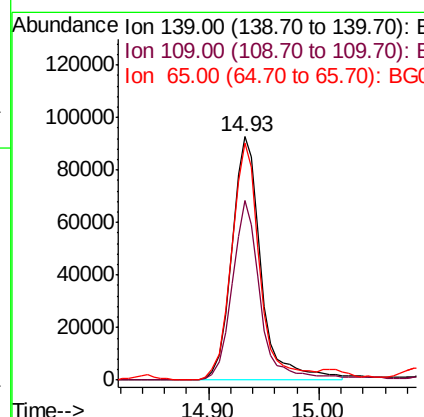
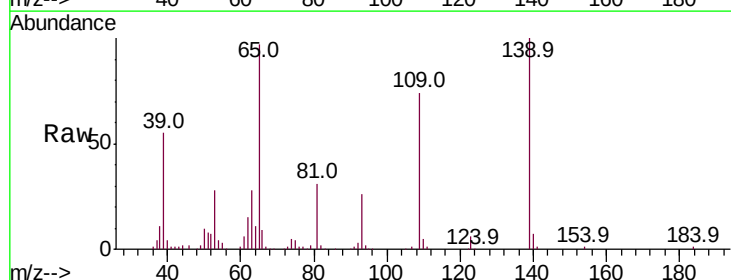
Instrument :
BNA_G
ClientSampleId :
PB114695BS

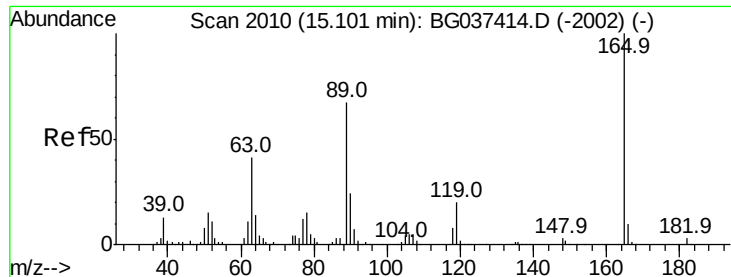
Tot Ion:168 Resp: 473244
Ion Ratio Lower Upper
168 100
139 34.8 29.4 44.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 90.108 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion:139 Resp: 172072
Ion Ratio Lower Upper
139 100
109 73.7 49.5 89.5
65 97.2 76.8 116.8

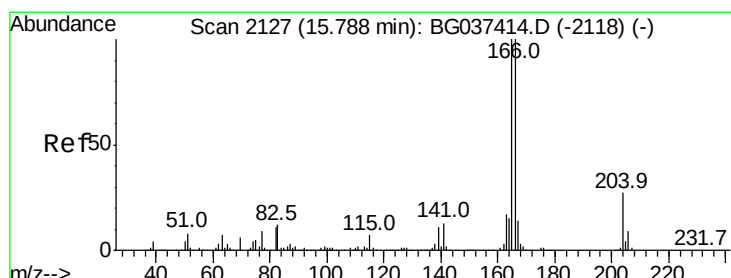
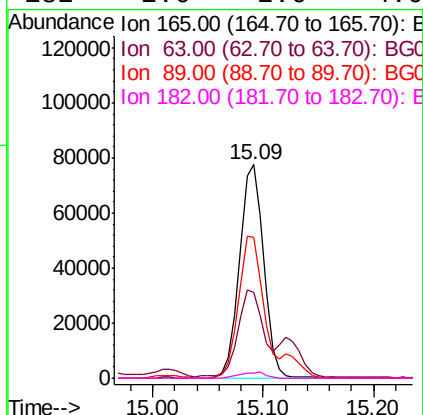
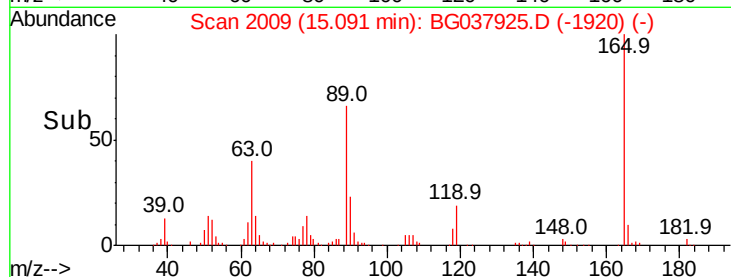
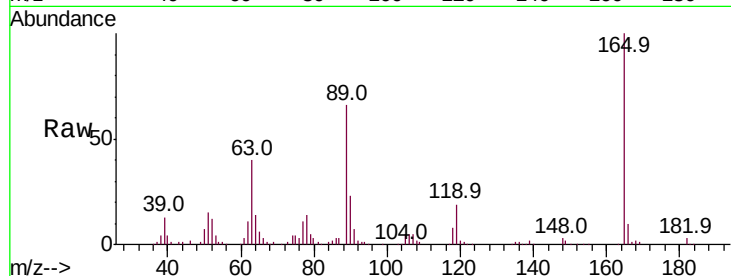




#57
 2,4-Dinitrotoluene
 Concen: 39.254 ng
 RT: 15.09 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

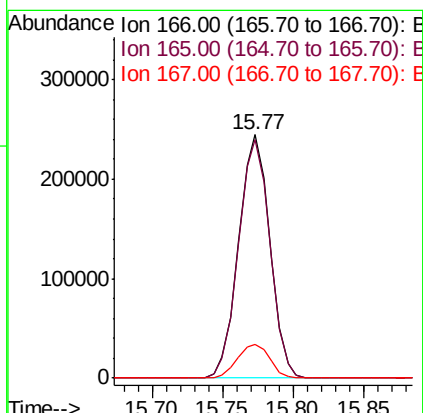
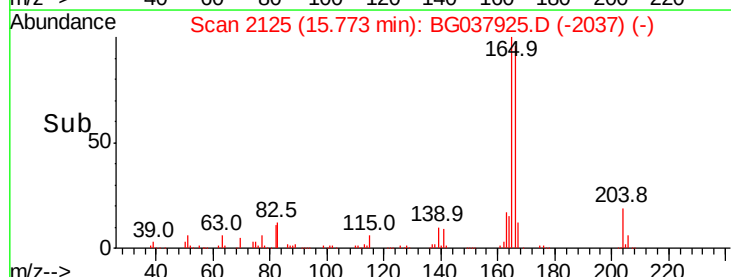
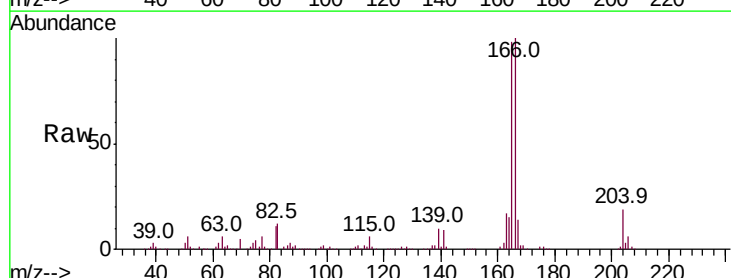
Instrument :
 BNA_G
 ClientSampleId :
 PB114695BS

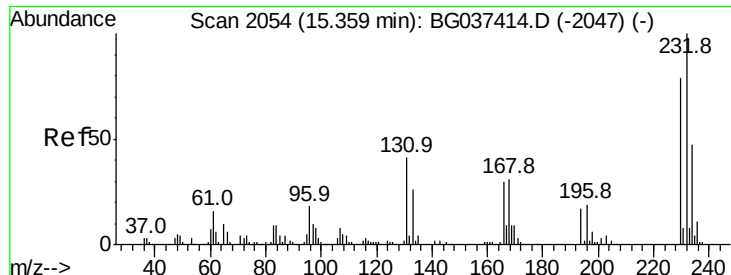
Tot Ion:165 Resp: 119746
 Ion Ratio Lower Upper
 165 100
 63 40.4 33.4 50.0
 89 65.9 57.2 85.8
 182 2.6 2.6 4.0#



#58
 Fluorene
 Concen: 38.689 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Tgt Ion:166 Resp: 378354
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.0 118.6
 167 13.9 11.3 16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.256 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

Tot Ion:232 Resp: 104356

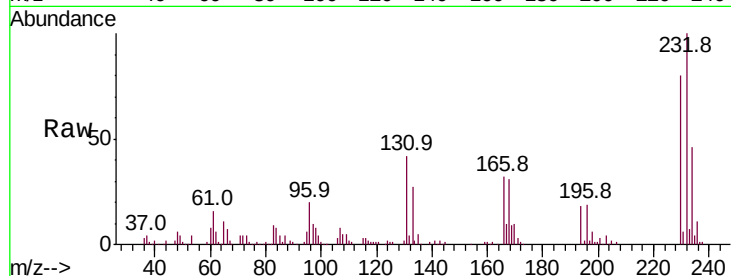
Ion Ratio Lower Upper

232 100

131 40.8 33.7 50.5

130 2.5 2.1 3.1

166 31.1 24.6 36.8

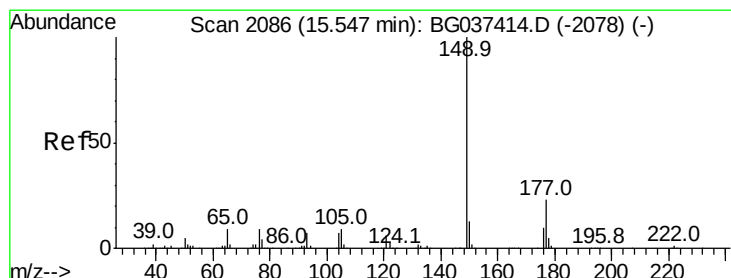
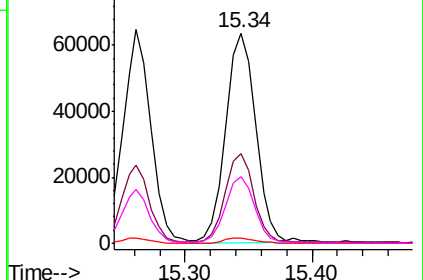
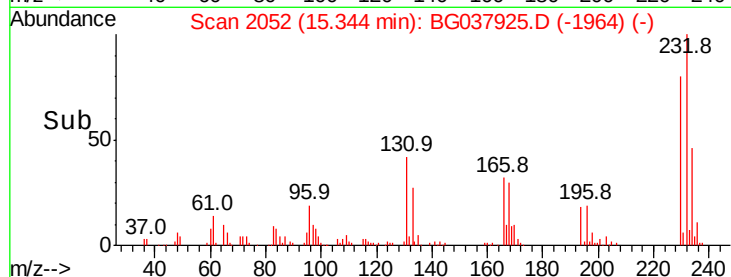


Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.974 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

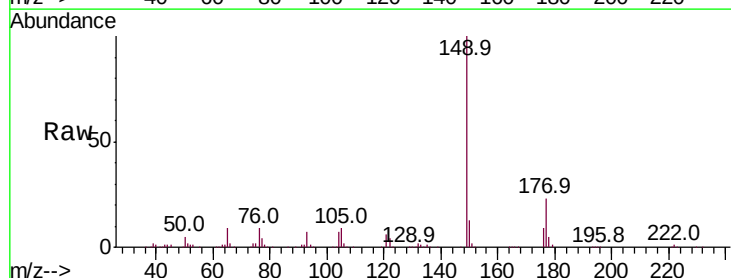
Tgt Ion:149 Resp: 387977

Ion Ratio Lower Upper

149 100

177 23.0 18.3 27.5

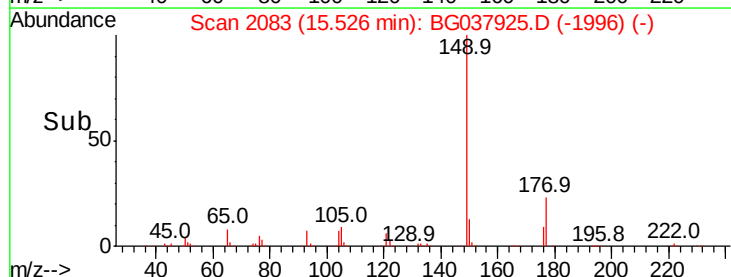
150 12.7 10.0 15.0



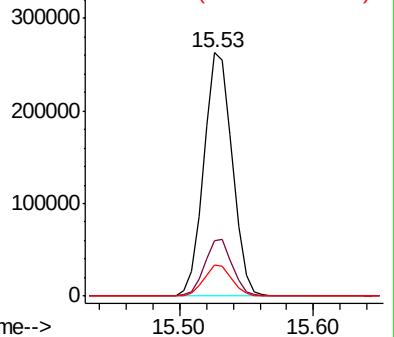
Abundance Ion 149.00 (148.70 to 149.70): E

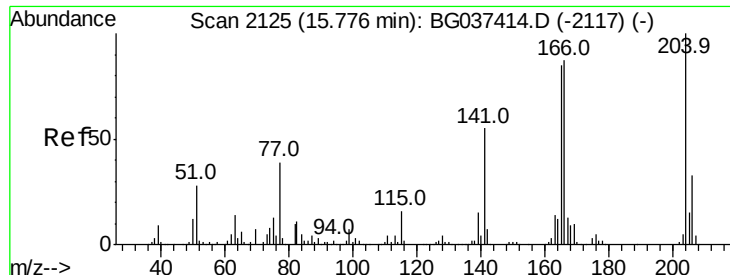
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

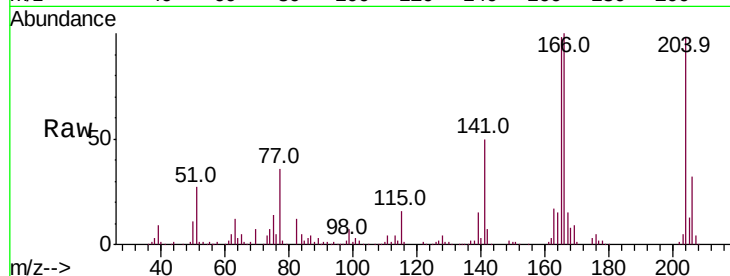




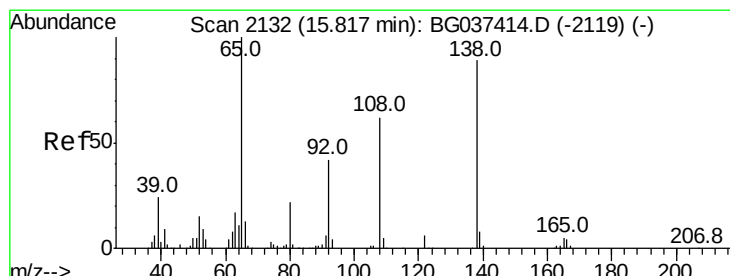
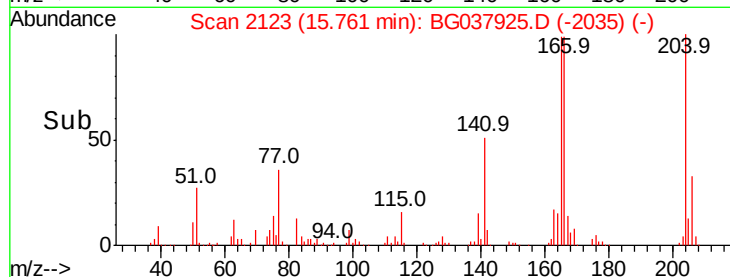
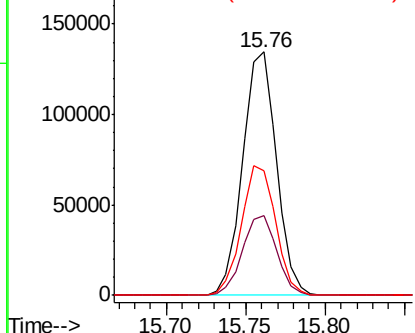
#61
4-Chlorophenyl-phenylether
Concen: 34.957 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :
PB114695BS

Tot Ion:204 Resp: 199257
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 51.0 45.4 68.2

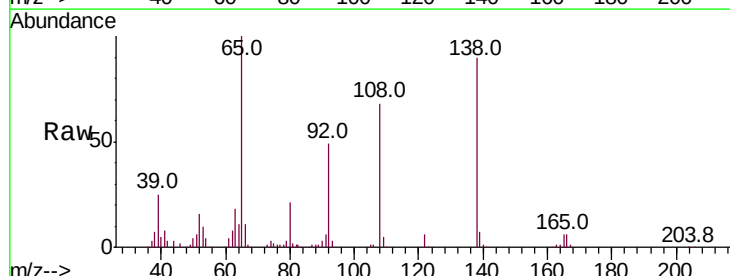


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

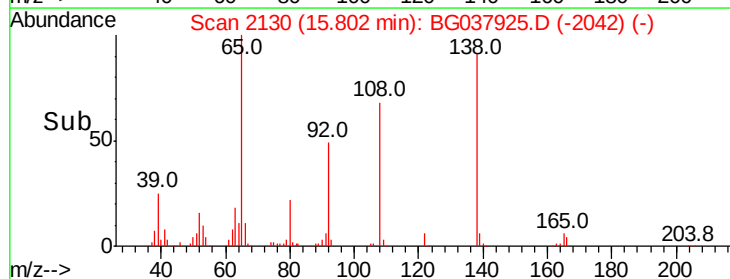
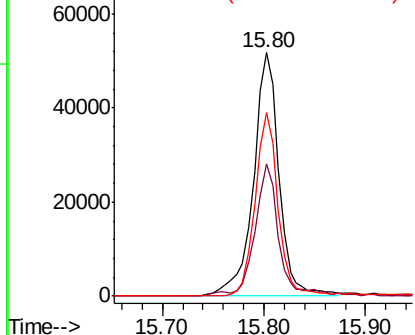


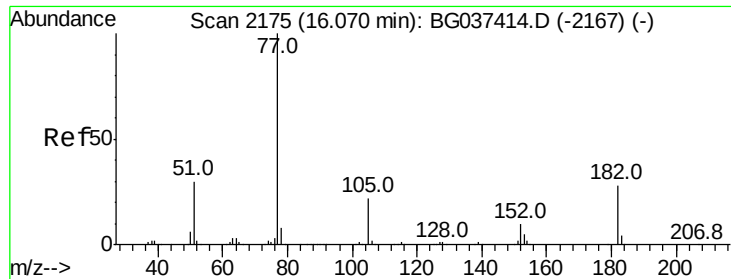
#62
4-Nitroaniline
Concen: 35.523 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion:138 Resp: 91063
Ion Ratio Lower Upper
138 100
92 54.3 36.4 76.4
108 75.5 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

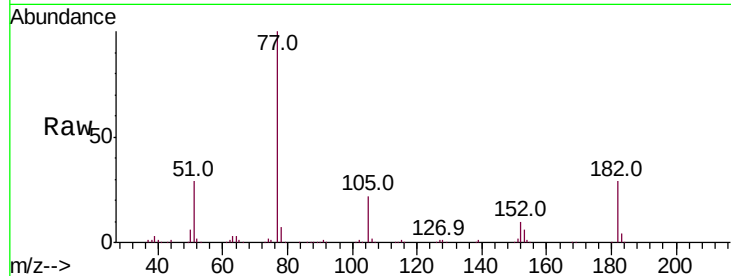




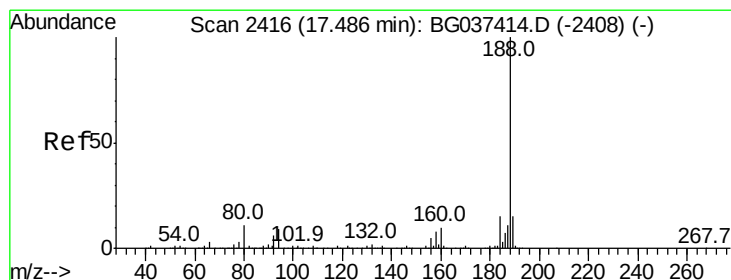
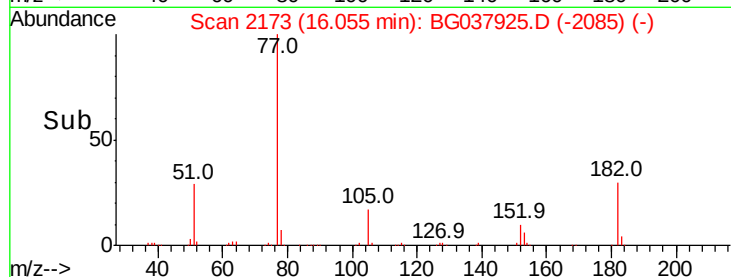
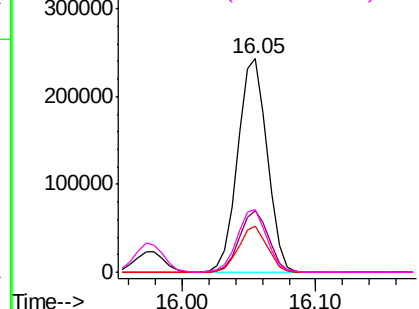
#63
Azobenzene
Concen: 36.087 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :
PB114695BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.0	48.0
105	21.7	1.3	41.3
51	29.3	10.7	50.7

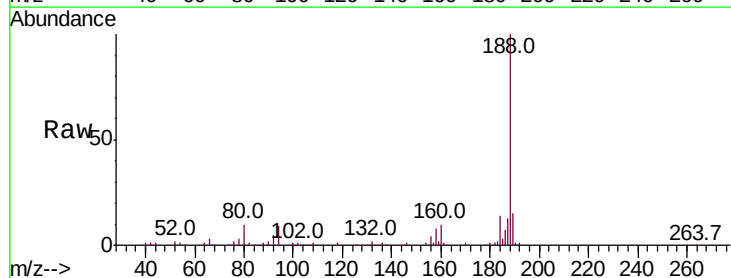


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

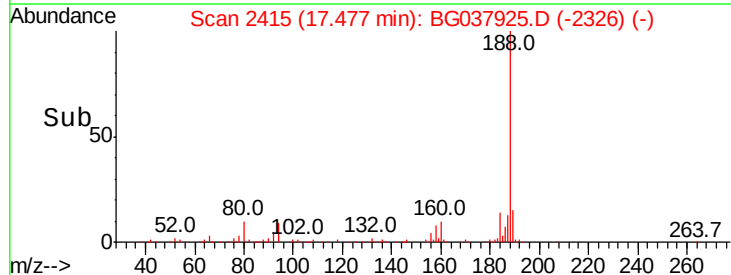
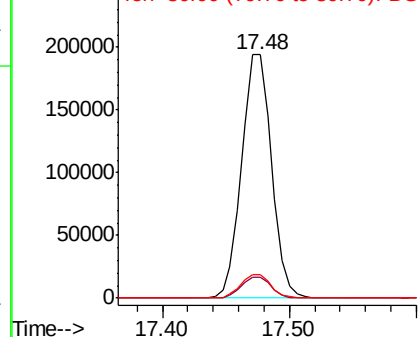


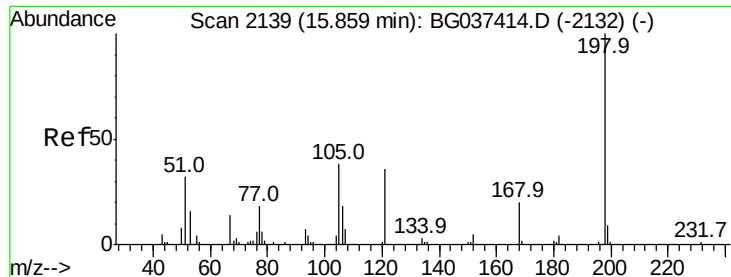
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.5	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: 36.821 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

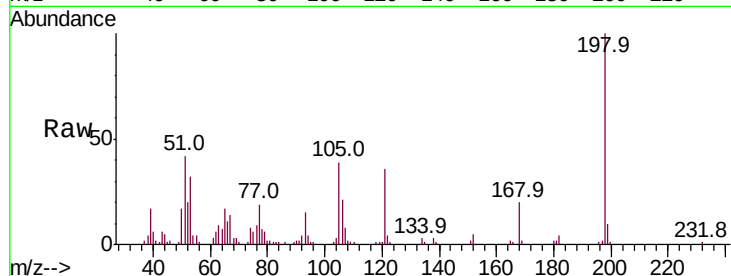
Tot Ion:198 Resp: 57223

Ion Ratio Lower Upper

198 100

51 42.2 22.7 62.7

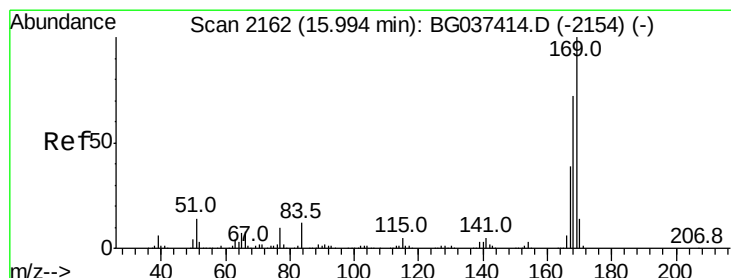
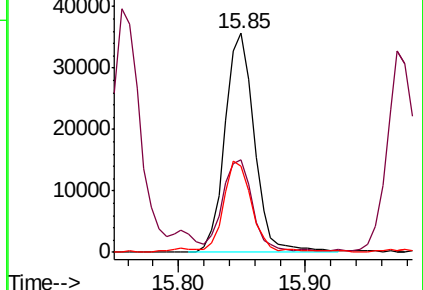
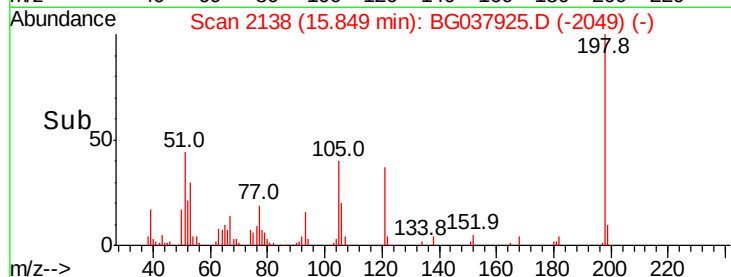
105 39.1 19.7 59.7



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: 35.422 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

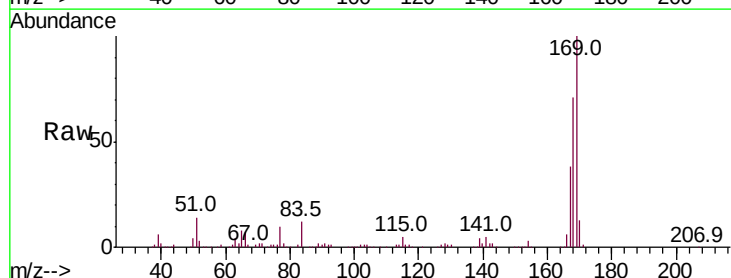
Tgt Ion:169 Resp: 337638

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

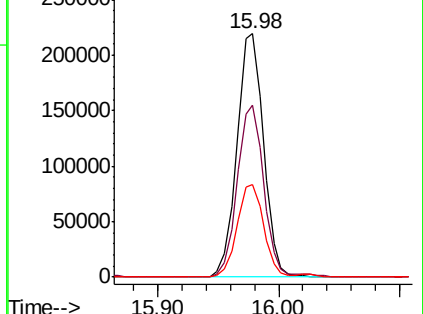
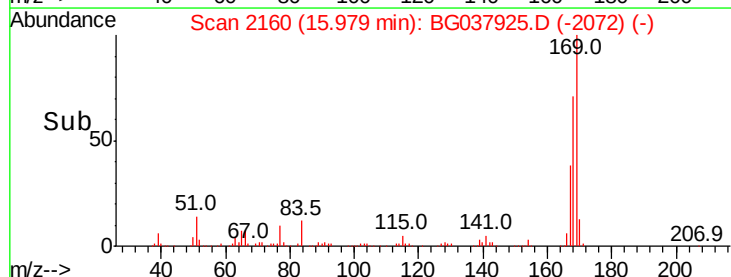
167 38.0 31.3 46.9

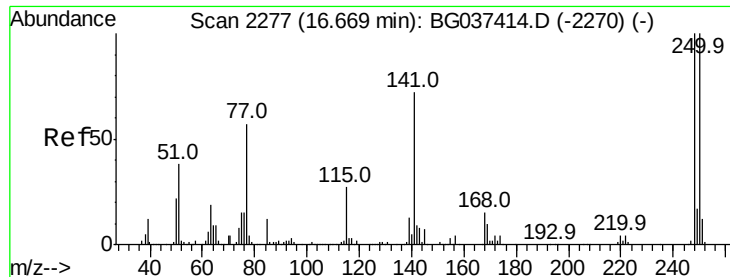


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

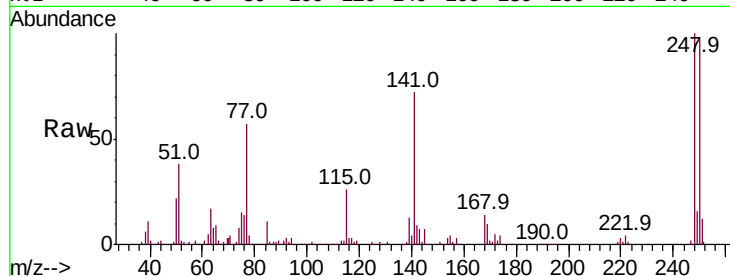




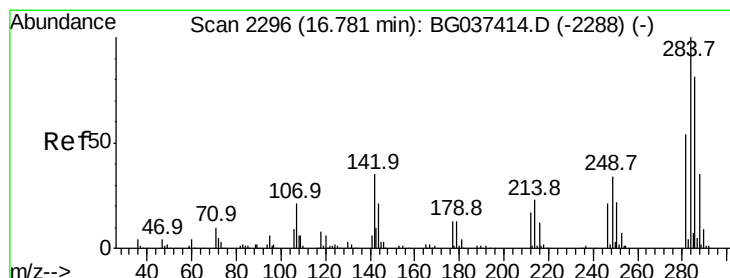
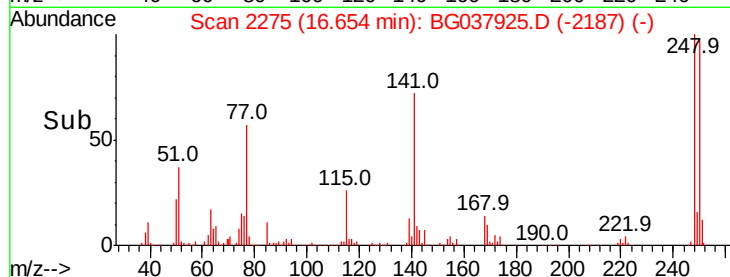
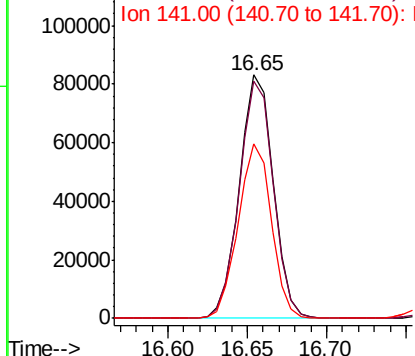
#67
 4-Bromophenyl-phenylether
 Concen: 35.436 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 PB114695BS

Tot Ion:248 Resp: 123312
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.0 115.6
 141 71.9 55.5 83.3

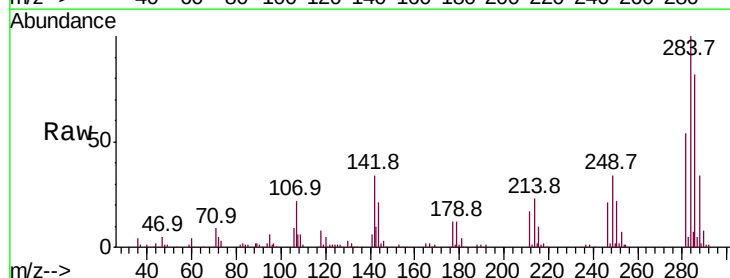


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

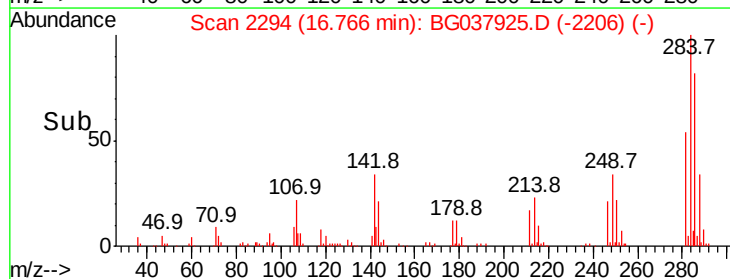
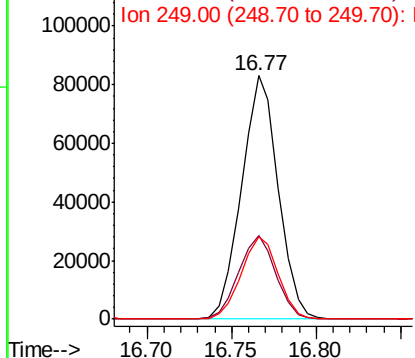


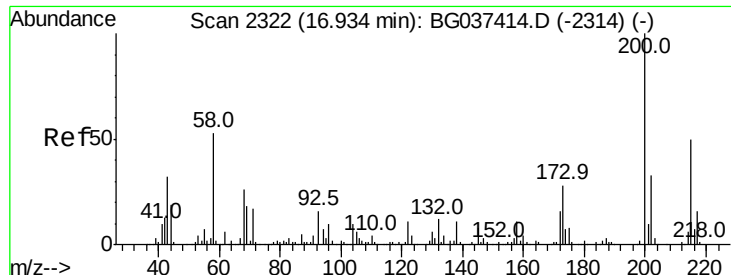
#68
 Hexachlorobenzene
 Concen: 34.722 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.02 min
 Lab File: BG037925.D
 Acq: 9 Nov 2018 18:00

Tgt Ion:284 Resp: 125229
 Ion Ratio Lower Upper
 284 100
 142 34.2 28.1 42.1
 249 34.0 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: 36.489 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

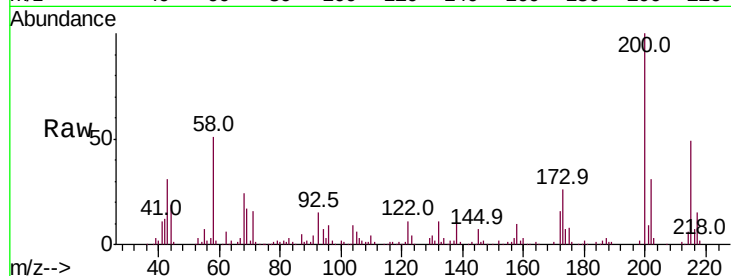
Tot Ion:200 Resp: 125751

Ion Ratio Lower Upper

200 100

173 26.2 6.1 46.1

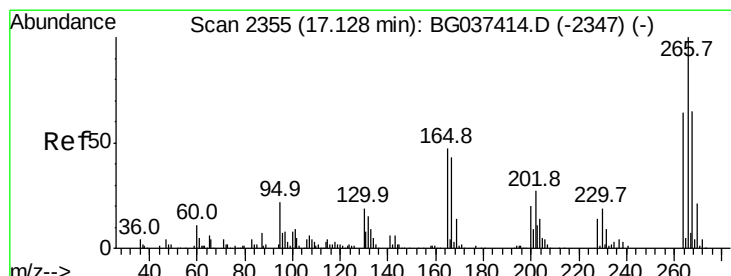
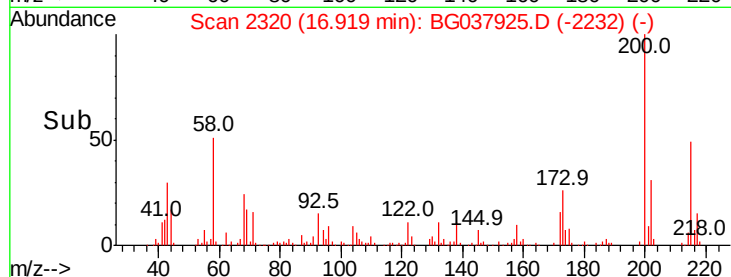
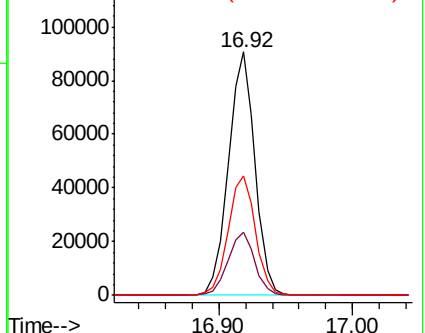
215 48.8 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 55.290 ng

RT: 17.11 min Scan# 2353

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

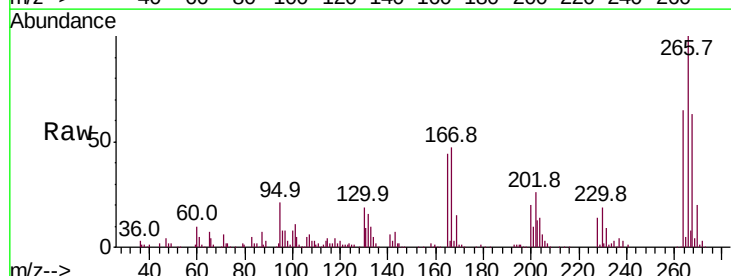
Tgt Ion:266 Resp: 133570

Ion Ratio Lower Upper

266 100

268 67.3 55.0 82.6

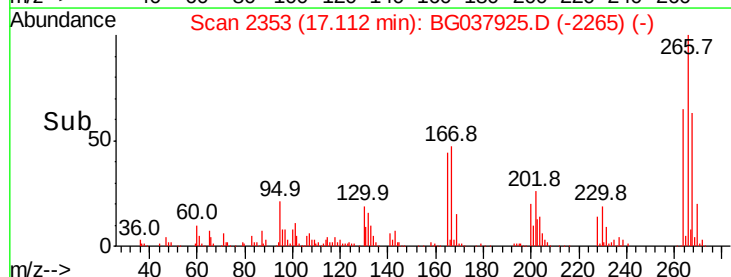
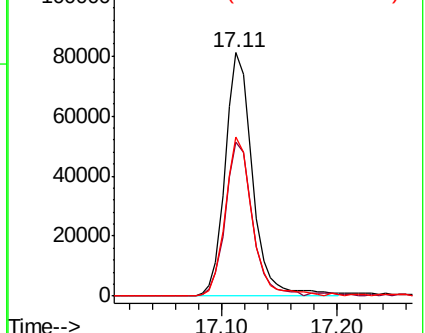
264 70.3 58.9 88.3

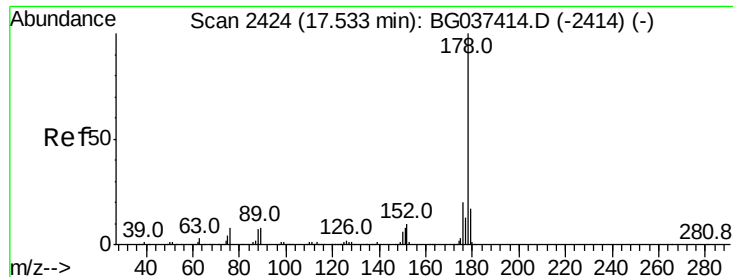


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

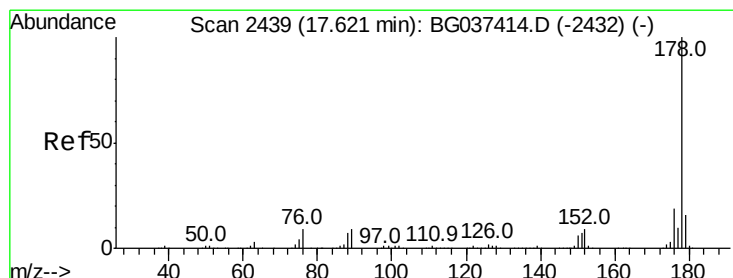
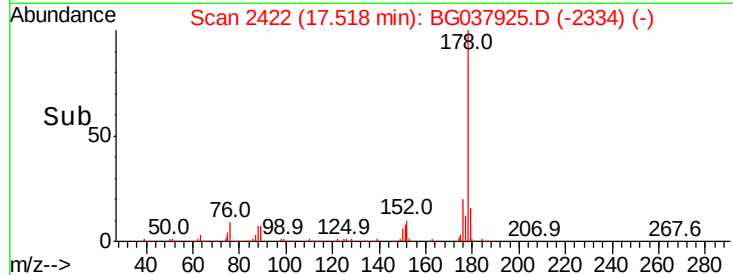
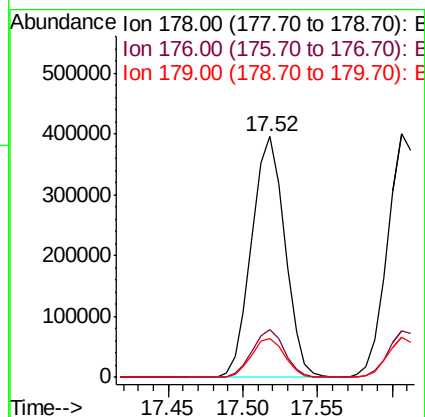
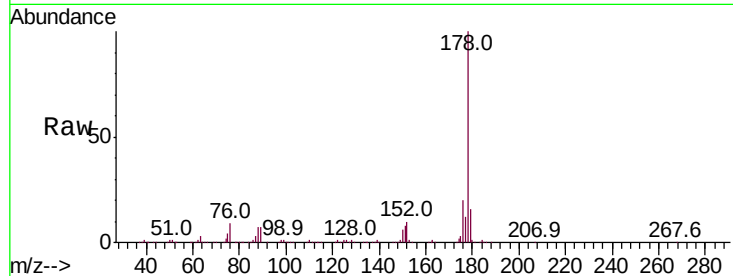




#71
Phenanthrene
Concen: 37.939 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

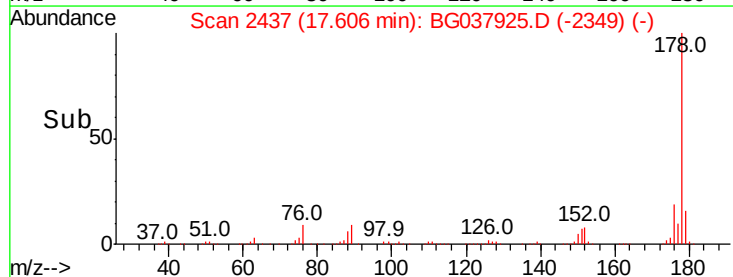
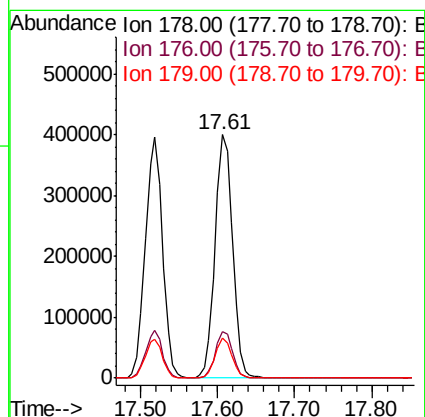
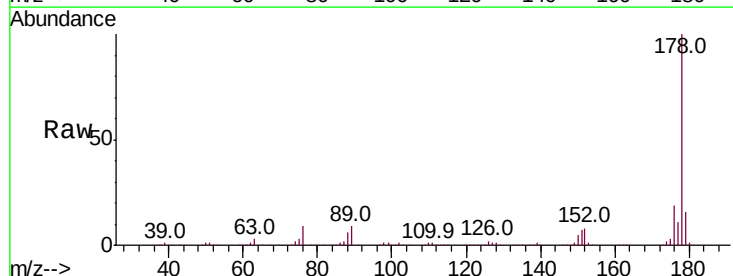
Instrument :
BNA_G
ClientSampleId :
PB114695BS

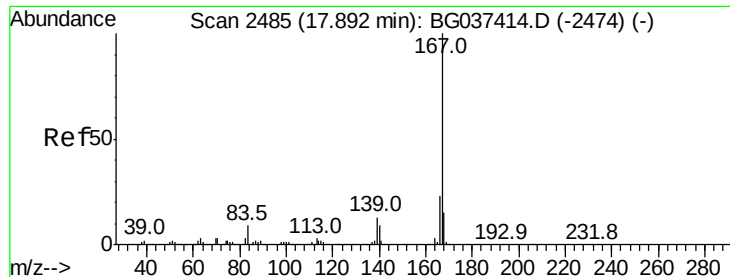
Tot Ion:178 Resp: 611010
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 16.0 13.0 19.4



#72
Anthracene
Concen: 39.547 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion:178 Resp: 625033
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 16.2 12.8 19.2





#73

Carbazole

Concen: 35.039 ng

RT: 17.88 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

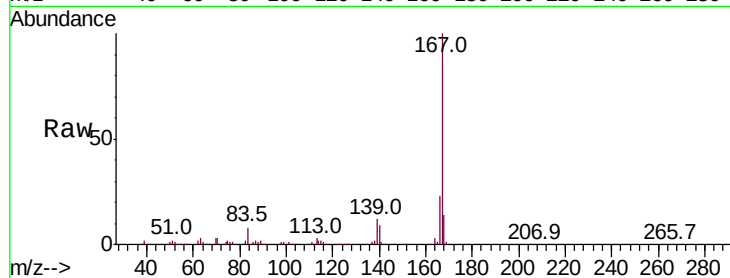
Tot Ion:167 Resp: 553948

Ion Ratio Lower Upper

167 100

166 23.0 18.3 27.5

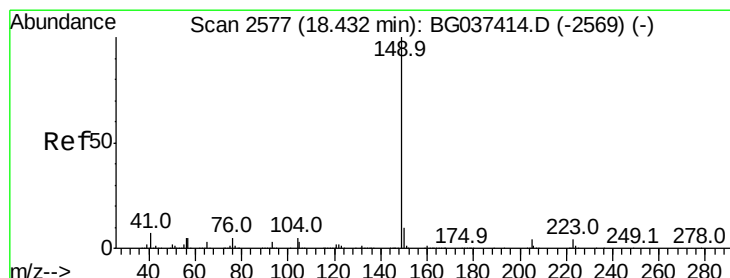
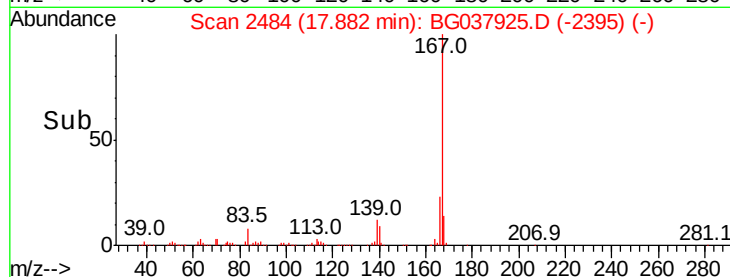
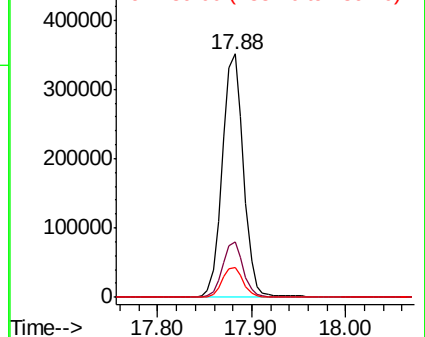
139 12.3 10.5 15.7



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: 37.722 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

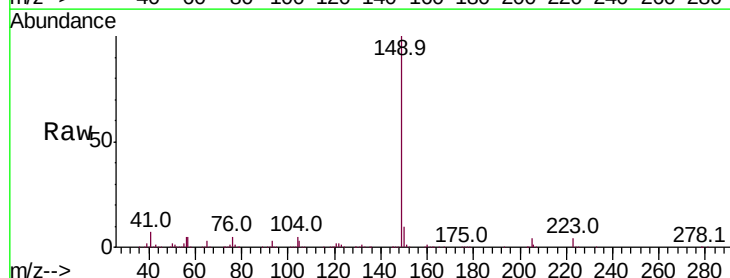
Tgt Ion:149 Resp: 663407

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

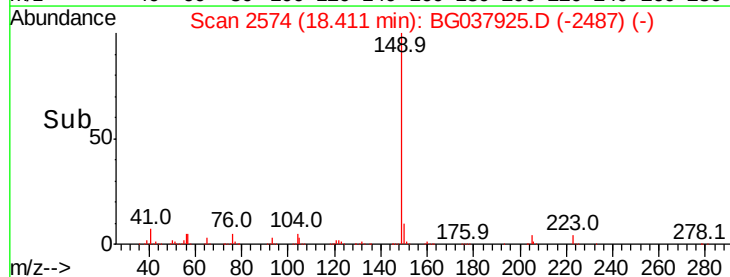
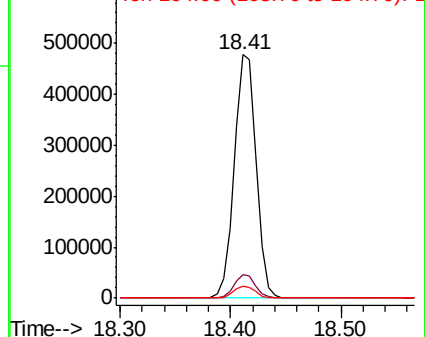
104 4.9 4.0 6.0

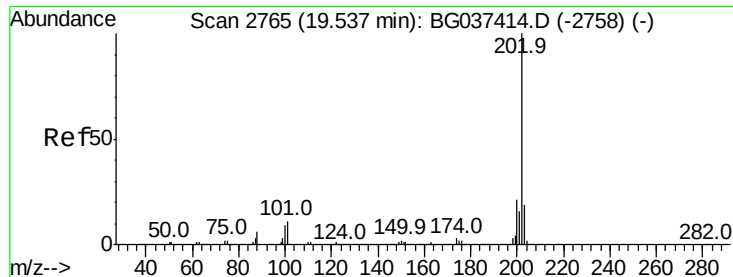


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.613 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

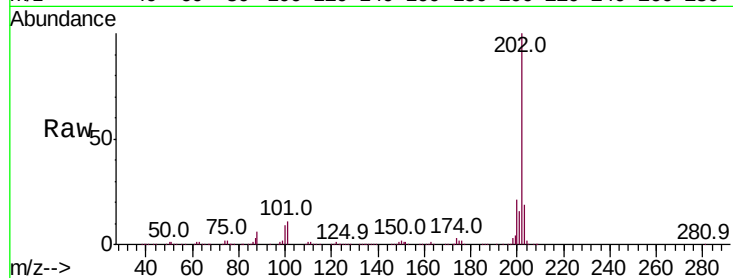
Tot Ion:202 Resp: 705301

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

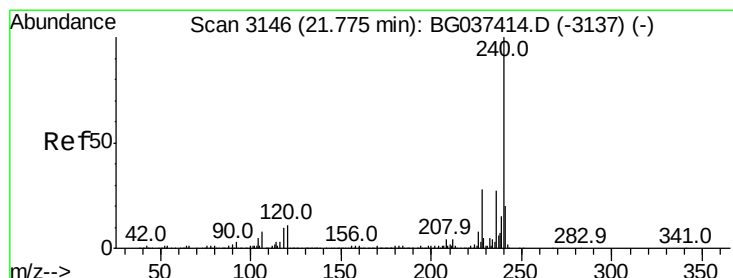
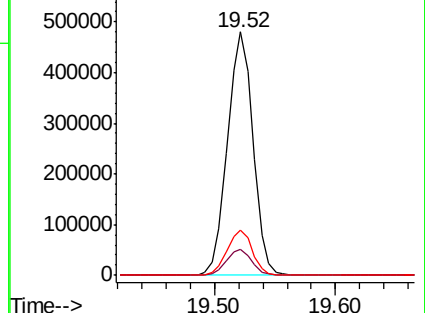
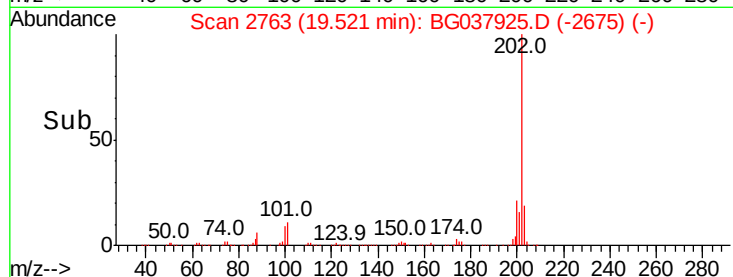
203 18.6 0.0 38.5



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: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

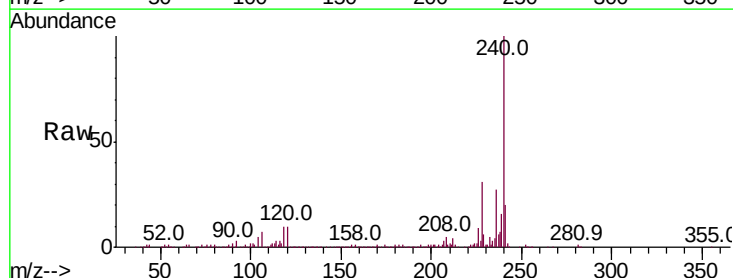
Tgt Ion:240 Resp: 283350

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

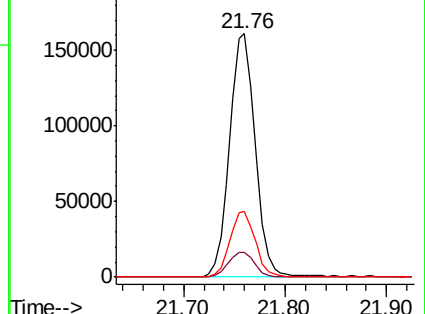
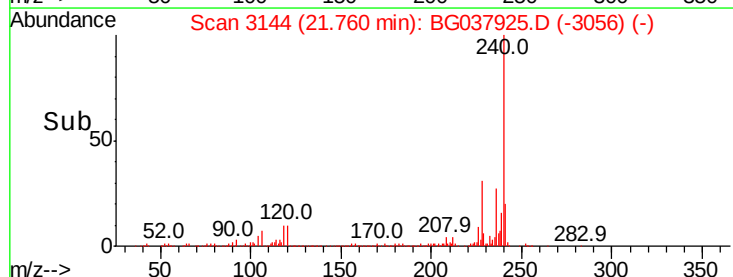
236 26.8 21.4 32.0

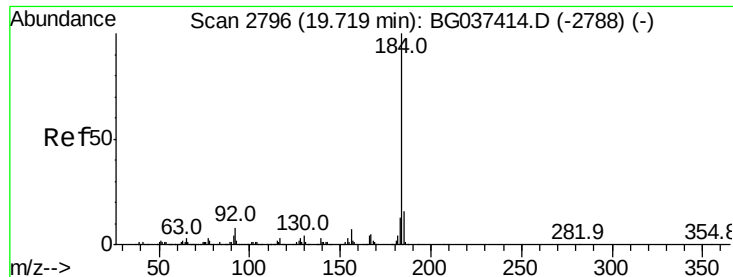


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

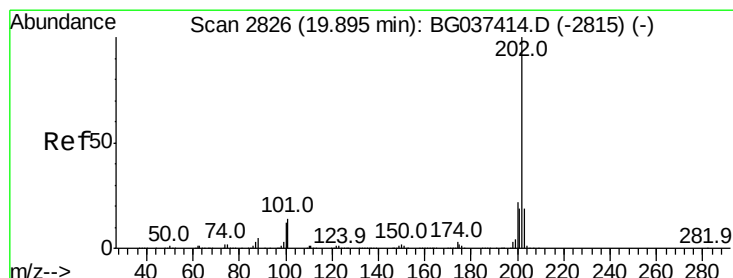
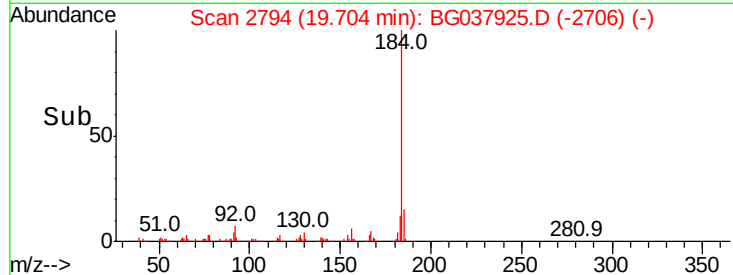
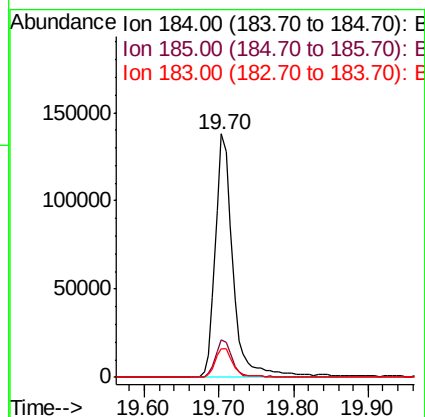
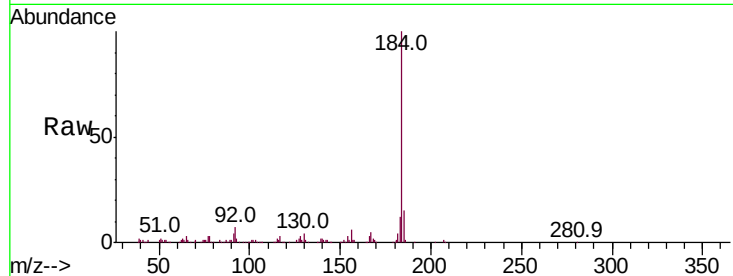




#77
Benzidine
Concen: 23.654 ng
RT: 19.70 min Scan# 2794
Delta R.T. -0.02 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

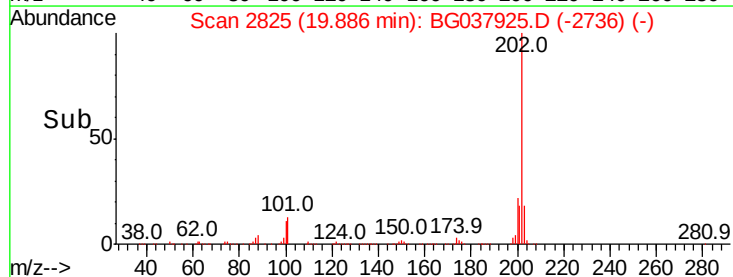
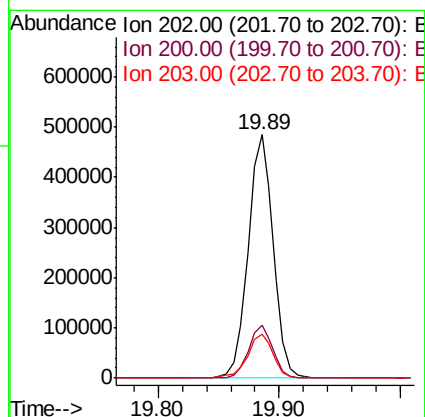
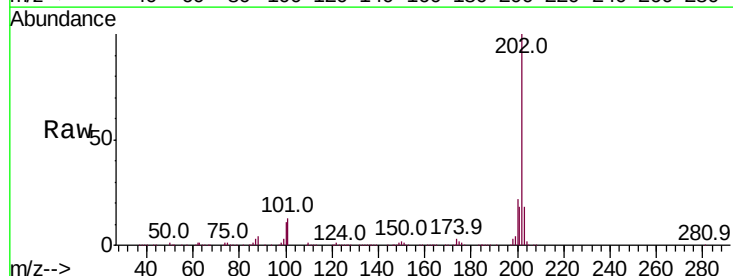
Instrument :
BNA_G
ClientSampleId :
PB114695BS

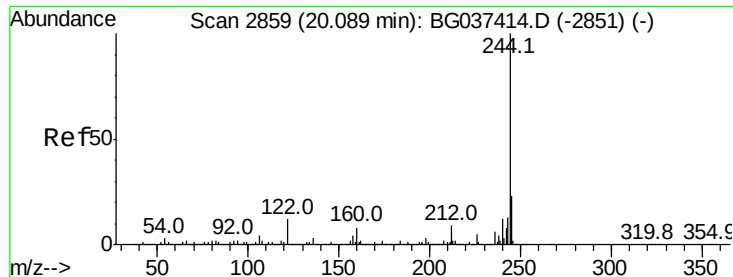
Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	18.8
183	12.0	10.2	15.2



#78
Pyrene
Concen: 37.883 ng
RT: 19.89 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	18.2	15.2	22.8





#79

Terphenyl-d14

Concen: 65.814 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

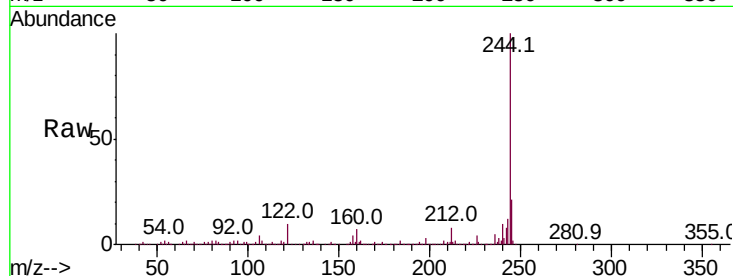
Tot Ion:244 Resp: 872743

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 9.9 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

800000

600000

400000

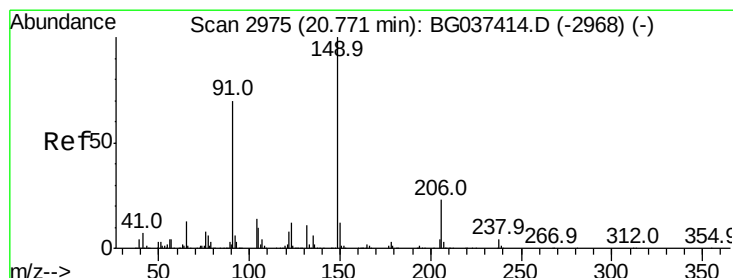
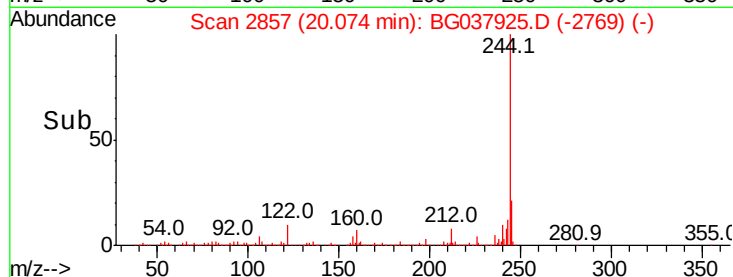
200000

0

20.07

20.00 20.10 20.20

Time-->



#80

Butylbenzylphthalate

Concen: 39.104 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

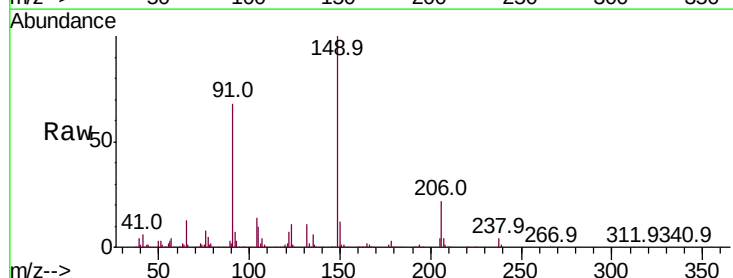
Tgt Ion:149 Resp: 296438

Ion Ratio Lower Upper

149 100

91 68.4 57.0 85.4

206 21.9 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

300000

250000

200000

150000

100000

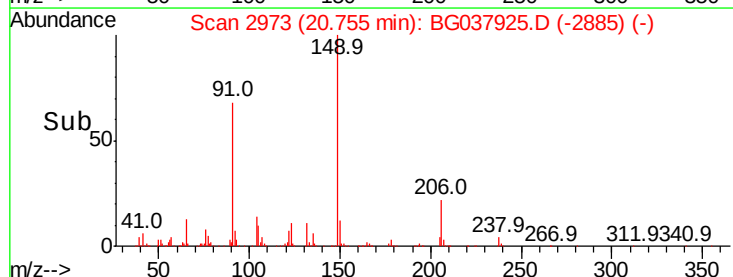
50000

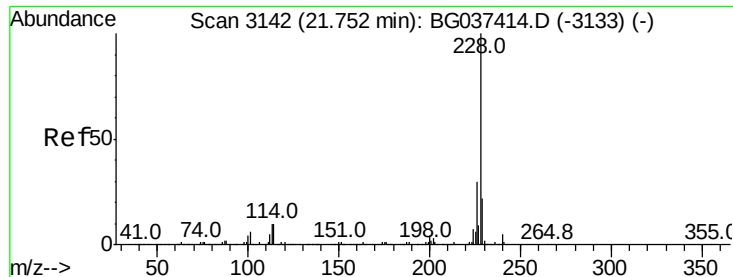
0

20.76

20.70 20.75 20.80

Time-->





#81

Benzo(a)anthracene

Concen: 38.755 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

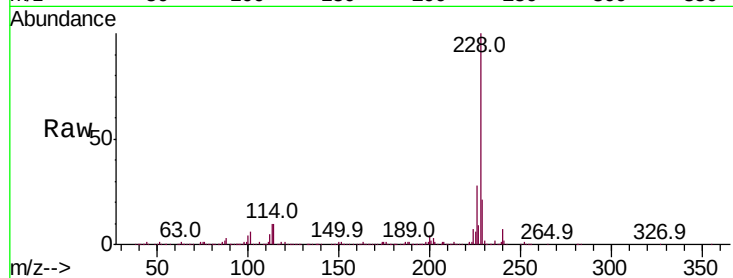
BNA_G

ClientSampleId :

PB114695BS

Tot Ion:228 Resp: 649531

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.9	16.3	24.5

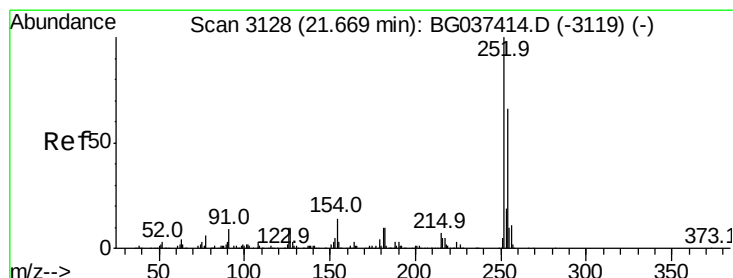
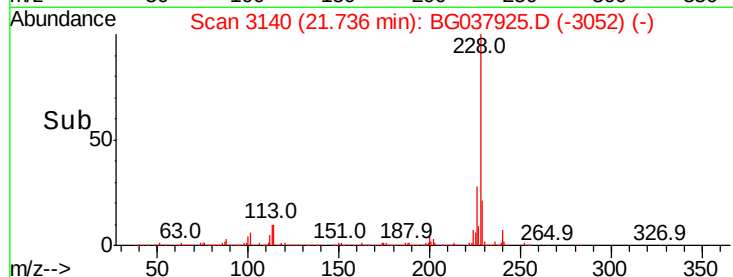
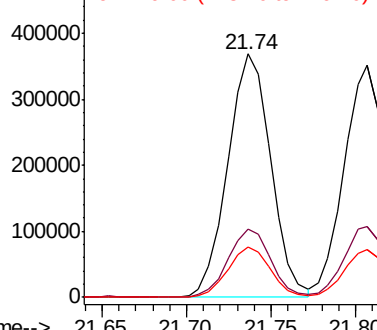


Abundance

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: 24.845 ng

RT: 21.65 min Scan# 3126

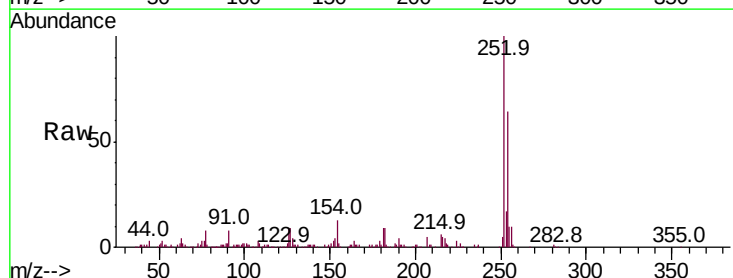
Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Tgt Ion:252 Resp: 161399

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.0	78.0
126	9.3	8.2	12.4

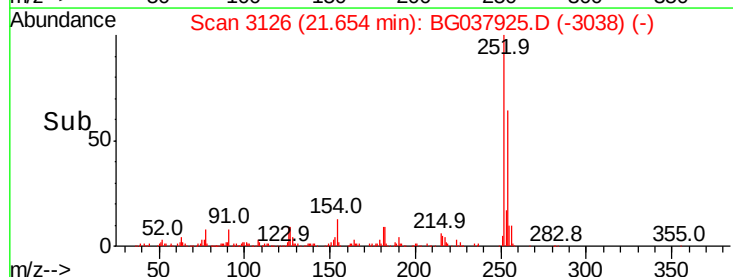
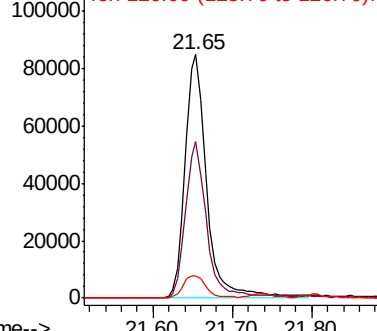


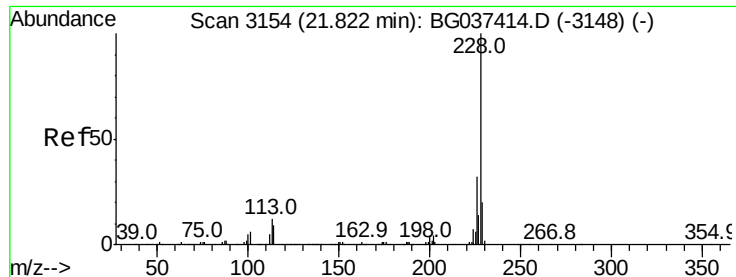
Abundance

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: 37.956 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

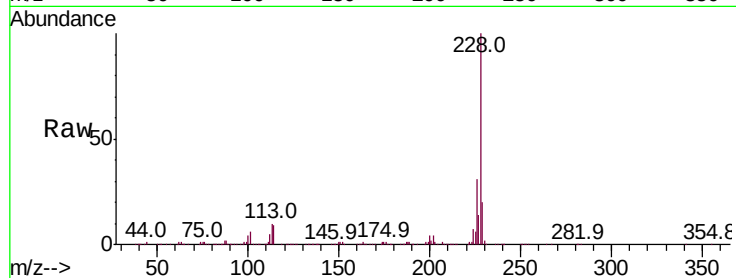
Tot Ion:228 Resp: 611688

Ion Ratio Lower Upper

228 100

226 30.7 25.7 38.5

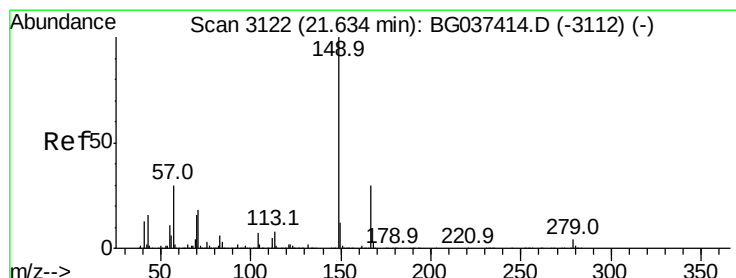
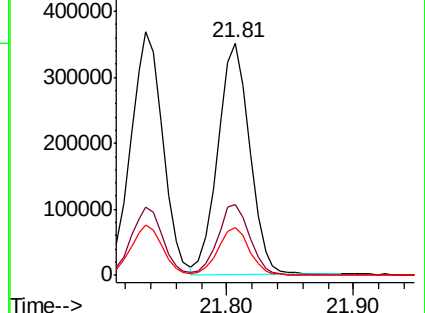
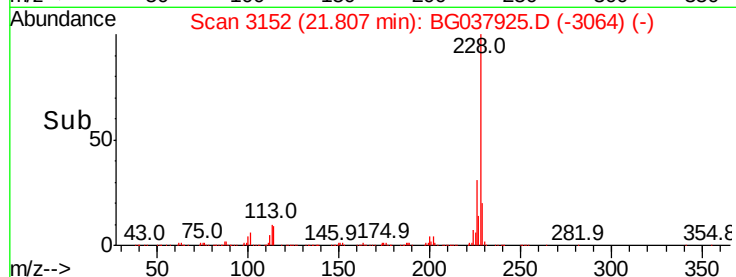
229 20.5 16.5 24.7



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: 39.263 ng

RT: 21.61 min Scan# 3118

Delta R.T. -0.03 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

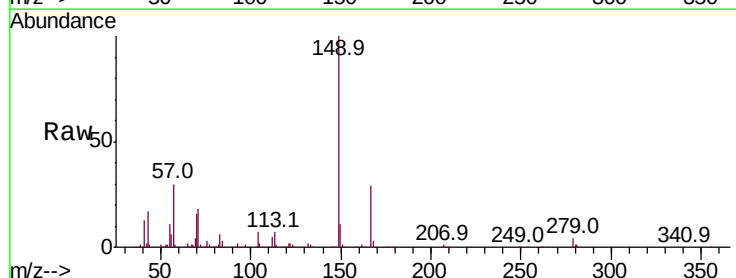
Tgt Ion:149 Resp: 417206

Ion Ratio Lower Upper

149 100

167 29.3 23.0 34.4

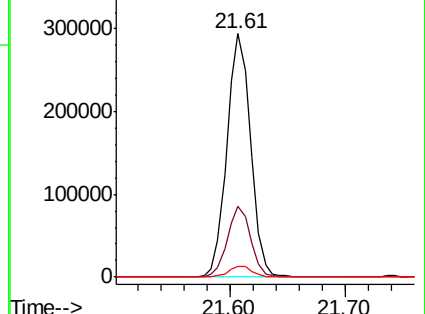
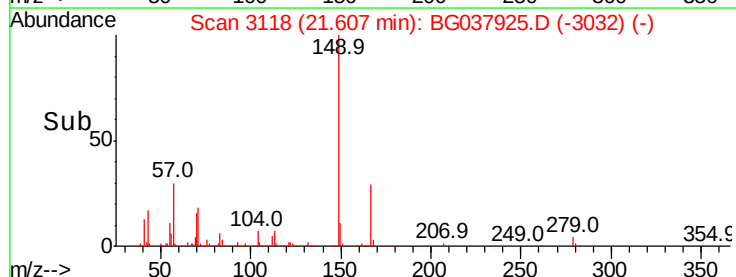
279 4.4 3.6 5.4

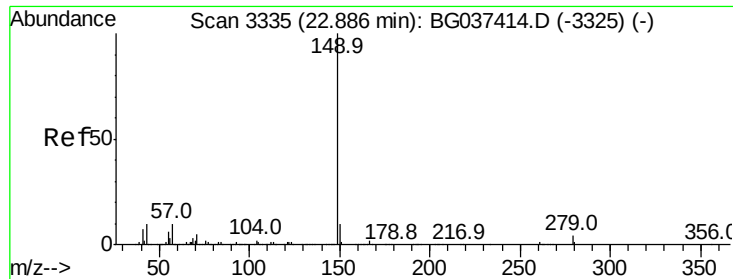


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.715 ng

RT: 22.85 min Scan# 3329

Delta R.T. -0.04 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB114695BS

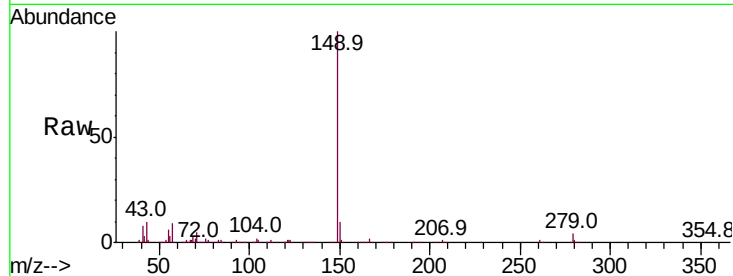
Tot Ion:149 Resp: 705491

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

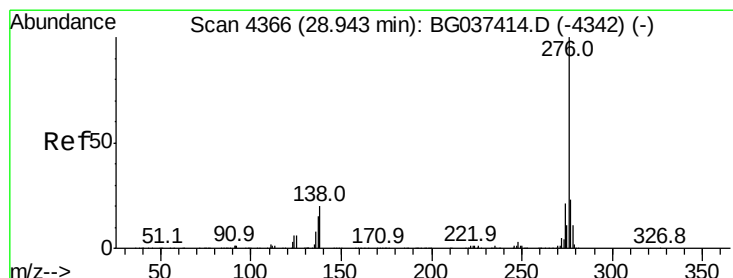
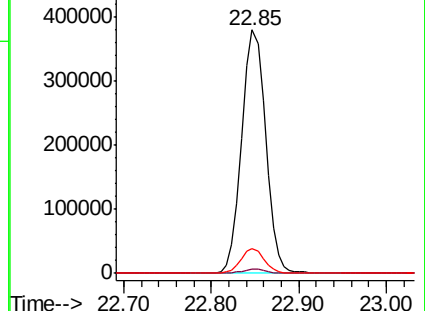
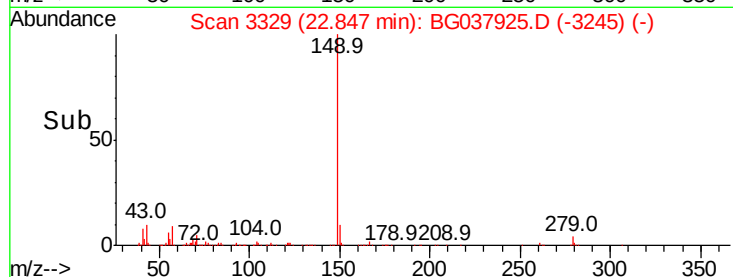
43 9.8 8.7 13.1



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: 31.225 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.04 min

Lab File: BG037925.D

Acq: 9 Nov 2018 18:00

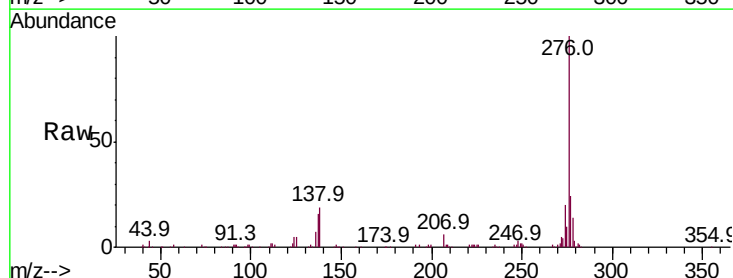
Tgt Ion:276 Resp: 539729

Ion Ratio Lower Upper

276 100

138 23.5 12.0 18.0#

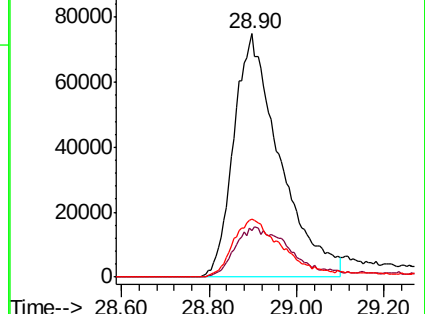
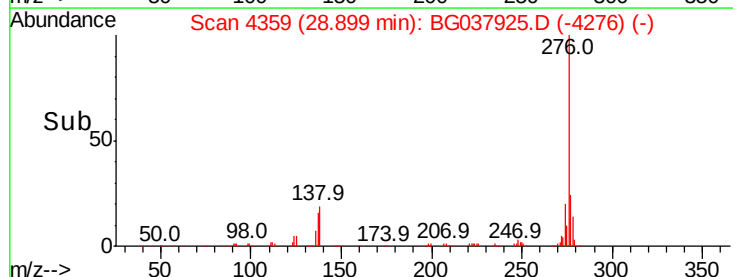
277 25.4 20.6 30.8

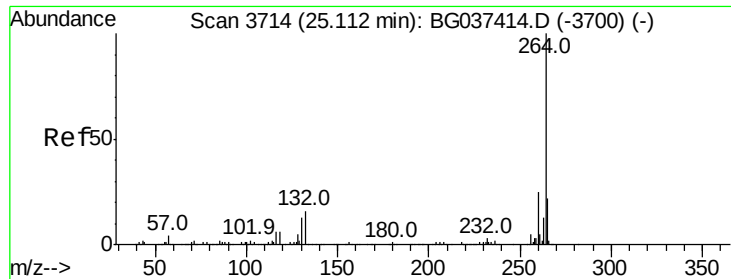


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



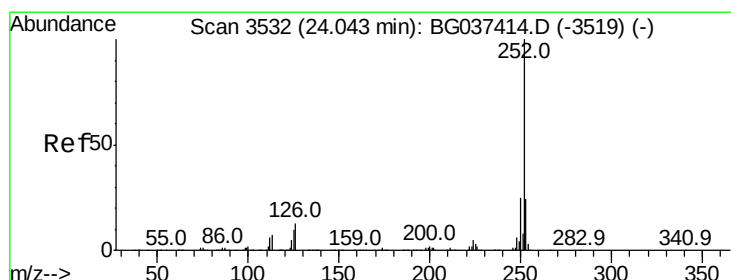
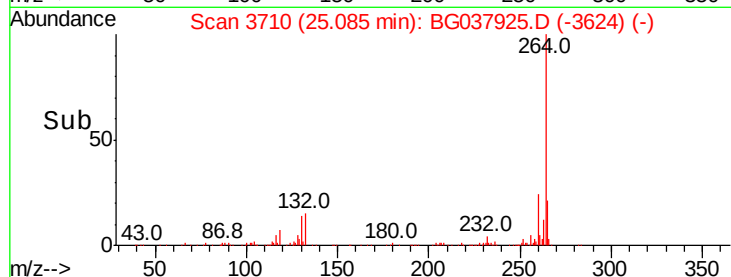
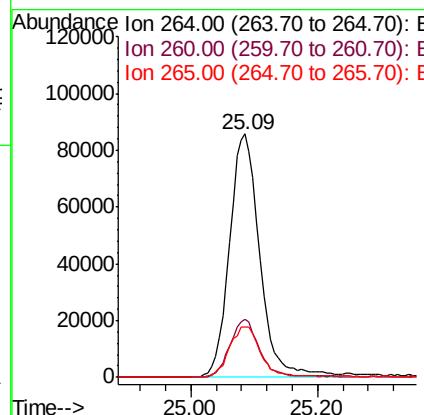
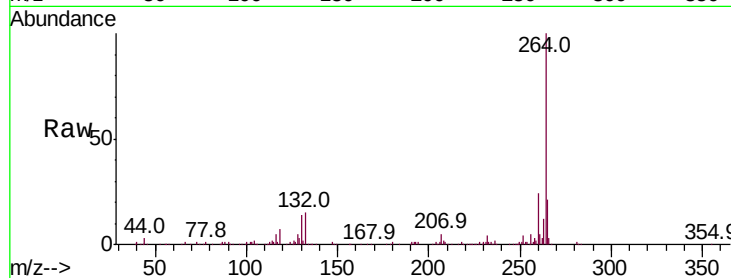


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :
PB114695BS

Tot Ion:264 Resp: 282265

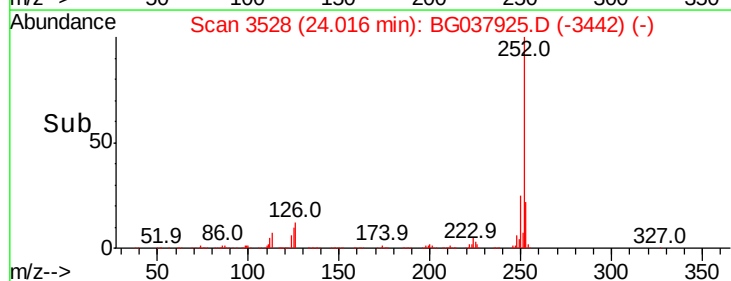
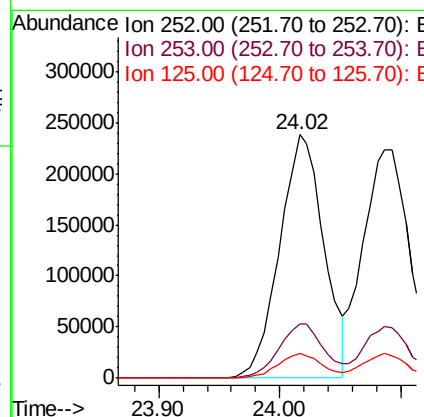
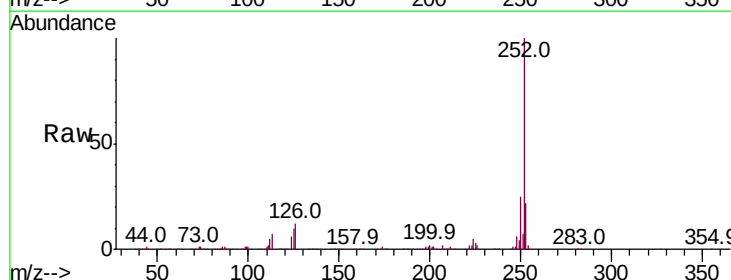
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	20.8	17.9	26.9

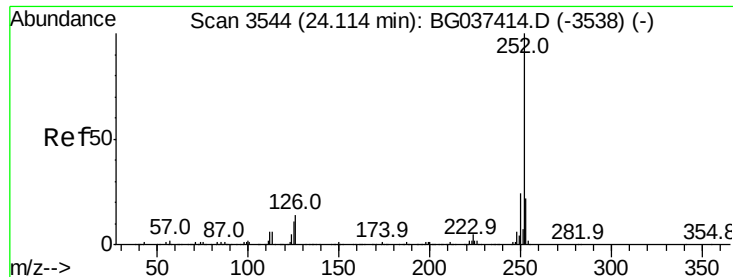


#88
Benzo(b)fluoranthene
Concen: 38.984 ng
RT: 24.02 min Scan# 3528
Delta R.T. -0.03 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion:252 Resp: 603278

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.2	7.8	11.6

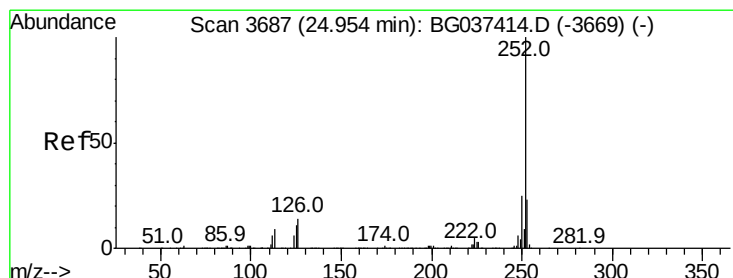
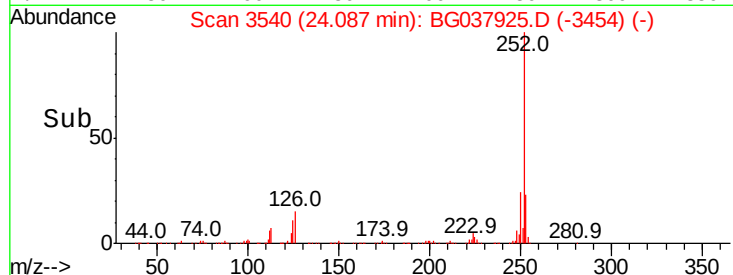
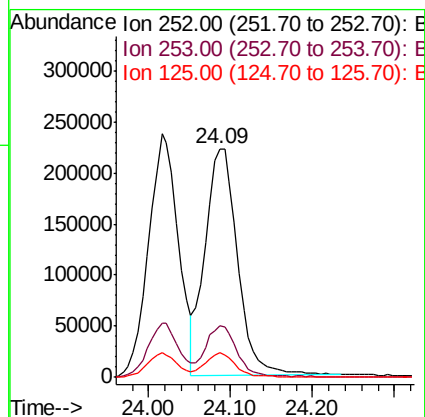
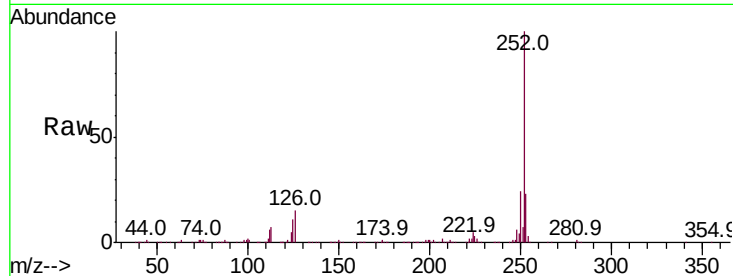




#89
Benzo(k)fluoranthene
Concen: 40.544 ng
RT: 24.09 min Scan# 3540
Delta R.T. -0.03 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

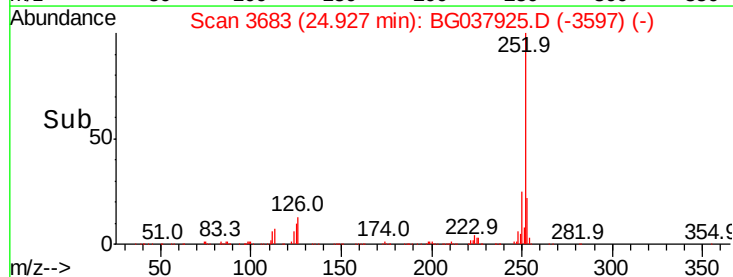
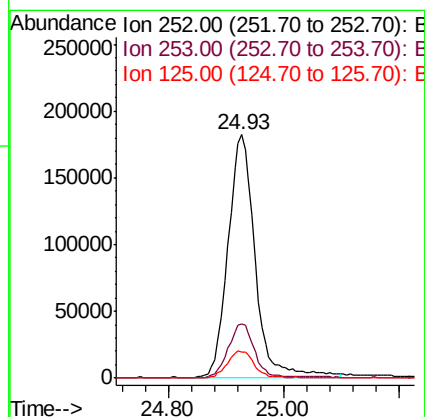
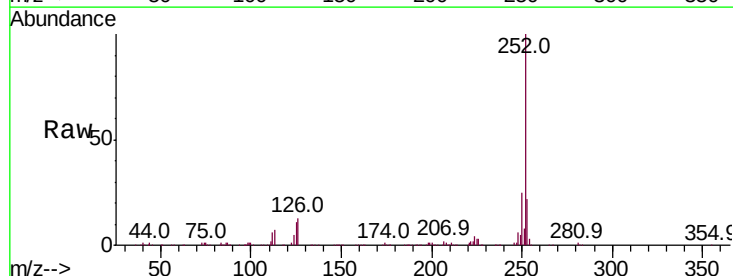
Instrument :
BNA_G
ClientSampleId :
PB114695BS

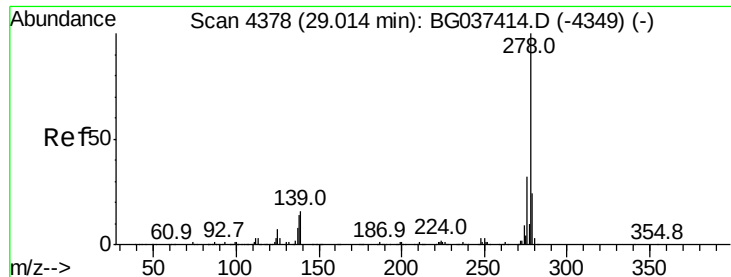
Tot Ion:252 Resp: 614700
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 10.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.346 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.03 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion:252 Resp: 593274
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.6 9.0 13.6

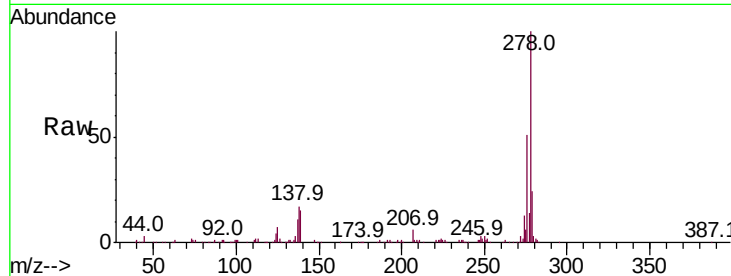




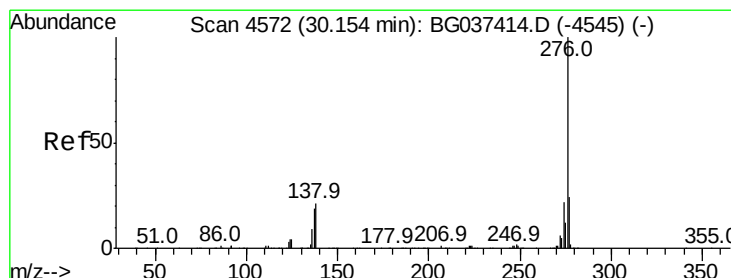
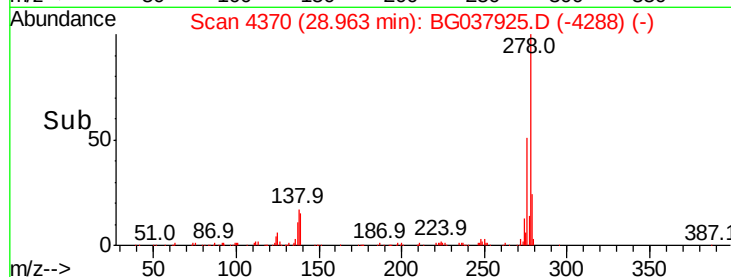
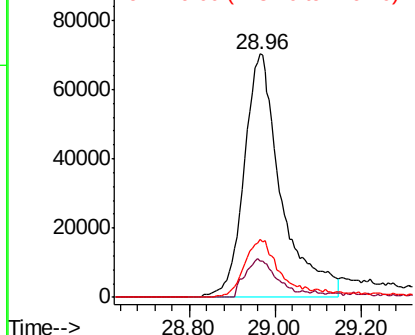
#91
Dibenzo(a,h)anthracene
Concen: 31.439 ng
RT: 28.96 min Scan# 4370
Delta R.T. -0.05 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :
PB114695BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.5	17.3
279	23.6	18.6	27.8

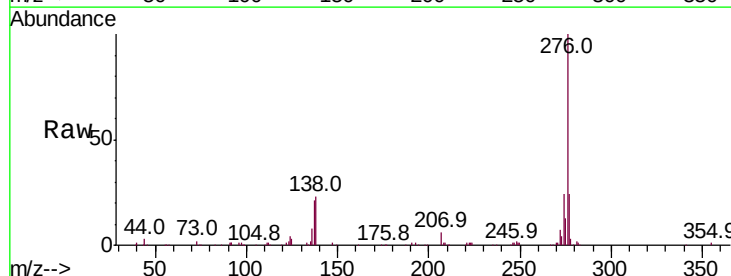


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 33.474 ng
RT: 30.10 min Scan# 4563
Delta R.T. -0.06 min
Lab File: BG037925.D
Acq: 9 Nov 2018 18:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	22.6	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

