

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037761.D
 Acq On : 2 Nov 2018 19:19
 Operator : JU/SJ
 Sample : PB114425BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114425BSD

Quant Time: Nov 03 02:29:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52175	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	239624	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	163876	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	381271	20.00	ng	0.00
76) Chrysene-d12	21.77	240	342498	20.00	ng	0.00
87) Perylene-d12	25.10	264	352368	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	472141	151.29	ng	0.00
7) Phenol-d6	7.25	99	678146	143.70	ng	0.00
23) Nitrobenzene-d5	9.27	82	324787	75.93	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	265157	148.35	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	810974	74.62	ng	-0.02
79) Terphenyl-d14	20.08	244	1182435	73.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	62766	39.659	ng	98
3) Pyridine	3.93	79	140373	35.190	ng	96
4) n-Nitrosodimethylamine	3.85	42	59334	41.761	ng	91
6) Aniline	7.42	93	179195	31.127	ng	98
8) 2-Chlorophenol	7.66	128	161393	44.207	ng	100
9) Benzaldehyde	7.24	77	82049	27.795	ng	96
10) Phenol	7.27	94	212543	42.687	ng	100
11) bis(2-Chloroethyl)ether	7.52	93	144989	38.341	ng	94
12) 1,3-Dichlorobenzene	7.99	146	162356	39.946	ng	99
13) 1,4-Dichlorobenzene	8.13	146	165564	39.823	ng	97
14) 1,2-Dichlorobenzene	8.45	146	156879	39.227	ng	98
15) Benzyl Alcohol	8.34	79	141405	40.554	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	267503	39.534	ng	98
17) 2-Methylphenol	8.53	107	146333	44.455	ng	98
18) Hexachloroethane	9.18	117	59226	41.786	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	120339	37.032	ng	95
20) 3+4-Methylphenols	8.86	107	199670	42.426	ng	98
22) Acetophenone	8.93	105	231543	38.528	ng	# 97
24) Nitrobenzene	9.32	77	180339	40.583	ng	96
25) Isophorone	9.83	82	345204	44.168	ng	97
26) 2-Nitrophenol	10.03	139	91913	45.914	ng	96
27) 2,4-Dimethylphenol	10.07	122	171233	47.907	ng	96
28) bis(2-Chloroethoxy)methane	10.31	93	209572	40.926	ng	98
29) 2,4-Dichlorophenol	10.56	162	173991	43.720	ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	174876	40.408	ng	97
31) Naphthalene	10.97	128	510894	43.407	ng	99
32) Benzoic acid	10.19	122	95409	41.097	ng	98
33) 4-Chloroaniline	11.08	127	139821	25.284	ng	98
34) Hexachlorobutadiene	11.24	225	101751	39.670	ng	99
35) Caprolactam	11.86	113	40042	25.088	ng	97
36) 4-Chloro-3-methylphenol	12.18	107	188707	42.046	ng	99
37) 2-Methylnaphthalene	12.56	142	395260	46.070	ng	99
38) 1-Methylnaphthalene	12.79	142	372984	44.765	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	209765	39.684	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	267722	106.031	ng	100
43) 2,4,6-Trichlorophenol	13.16	196	152084	43.066	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	164524	42.790	ng	98
46) 1,1'-Biphenyl	13.57	154	504980	37.208	ng	98
47) 2-Chloronaphthalene	13.62	162	408585	39.793	ng	99
48) 2-Nitroaniline	13.82	65	130922	42.048	ng	95
49) Acenaphthylene	14.46	152	665957	43.117	ng	100
50) Dimethylphthalate	14.18	163	514798	40.606	ng	99
51) 2,6-Dinitrotoluene	14.31	165	116955	41.702	ng	96
52) Acenaphthene	14.80	154	390912	41.096	ng	99
53) 3-Nitroaniline	14.64	138	98787	31.729	ng	# 92
54) 2,4-Dinitrophenol	14.85	184	92732	76.630	ng	96
55) Dibenzofuran	15.13	168	629930	39.970	ng	100
56) 4-Nitrophenol	14.94	139	262874	114.066	ng	100
57) 2,4-Dinitrotoluene	15.10	165	164713	44.741	ng	92
58) Fluorene	15.78	166	509384	43.161	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	142224	43.203	ng	99
60) Diethylphthalate	15.54	149	529449	40.678	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	271576	39.479	ng	97
62) 4-Nitroaniline	15.81	138	126845	41.000	ng	88
63) Azobenzene	16.06	77	499510	40.223	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	84066	43.078	ng	97
66) n-Nitrosodiphenylamine	15.98	169	464719	40.521	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	168444	40.230	ng	97
68) Hexachlorobenzene	16.77	284	169109	38.970	ng	99
69) Atrazine	16.92	200	170412	41.097	ng	98
70) Pentachlorophenol	17.12	266	198054	68.137	ng	97
71) Phenanthrene	17.52	178	820161	42.326	ng	99
72) Anthracene	17.62	178	830163	43.656	ng	99
73) Carbazole	17.89	167	755726	39.729	ng	99
74) Di-n-butylphthalate	18.42	149	884614	41.806	ng	99
75) Fluoranthene	19.53	202	943127	42.913	ng	99
77) Benzidine	19.71	184	392661	33.717	ng	100
78) Pyrene	19.89	202	937323	41.864	ng	99
80) Butylbenzylphthalate	20.76	149	401964	43.867	ng	97
81) Benzo(a)anthracene	21.75	228	876311	43.257	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	241980	30.816	ng	99
83) Chrysene	21.81	228	823712	42.285	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	569301	44.324	ng	99
85) Di-n-octyl phthalate	22.86	149	945246	45.131	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	791377	37.877	ng	98
88) Benzo(b)fluoranthene	24.03	252	825546	42.734	ng	100
89) Benzo(k)fluoranthene	24.10	252	827531	43.723	ng	99
90) Benzo(a)pyrene	24.94	252	806003	43.908	ng	98
91) Dibenzo(a,h)anthracene	28.99	278	587683	34.707	ng	99
92) Benzo(g,h,i)perylene	30.12	276	650445	37.969	ng	99

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

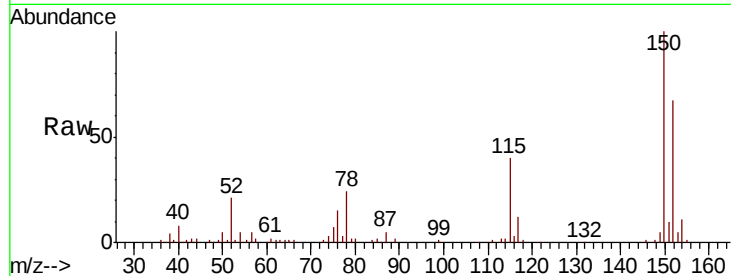


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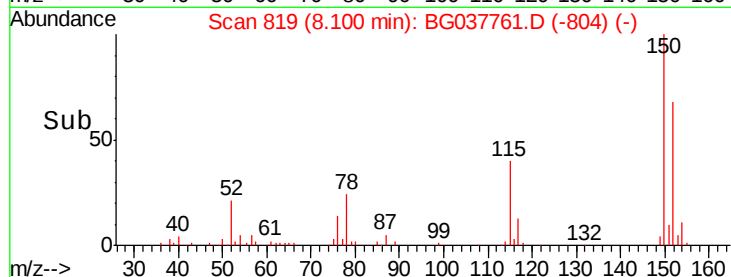
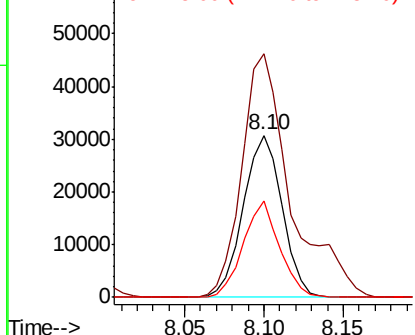
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Tot Ion:152 Resp: 52175
Ion Ratio Lower Upper
152 100
150 150.1 126.0 189.0
115 59.6 45.5 68.3



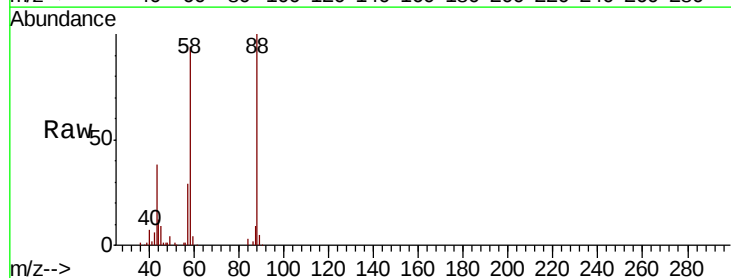
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



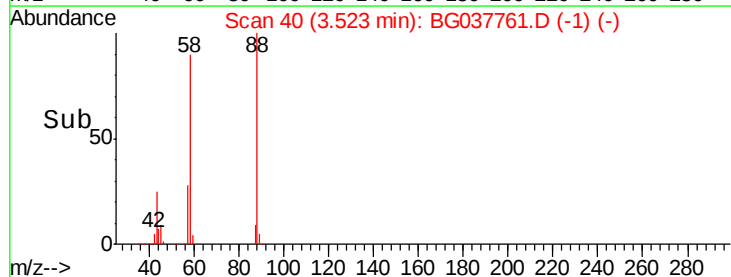
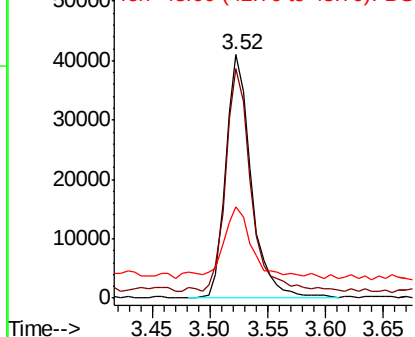
#2

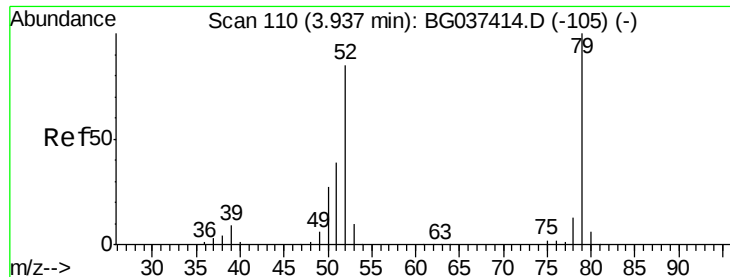
1,4-Dioxane
Concen: 39.659 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion: 88 Resp: 62766
Ion Ratio Lower Upper
88 100
58 90.3 74.4 111.6
43 32.6 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: 35.190 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

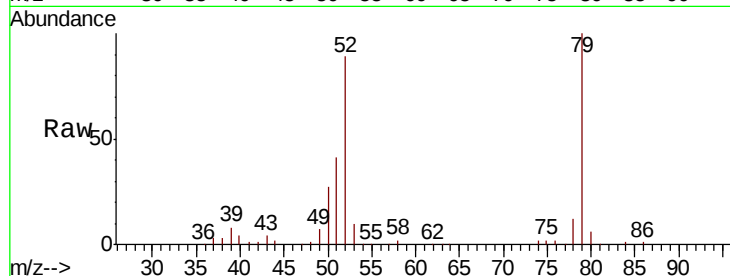
Tot Ion: 79 Resp: 140373

Ion Ratio Lower Upper

79 100

52 88.9 74.2 111.2

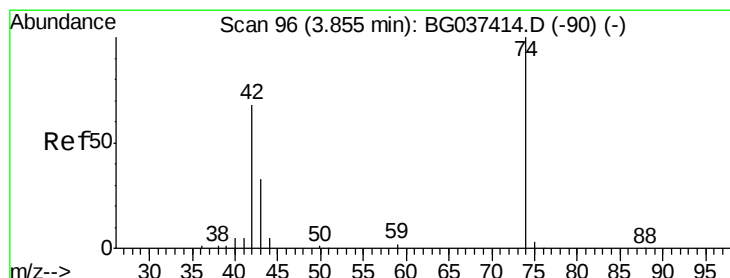
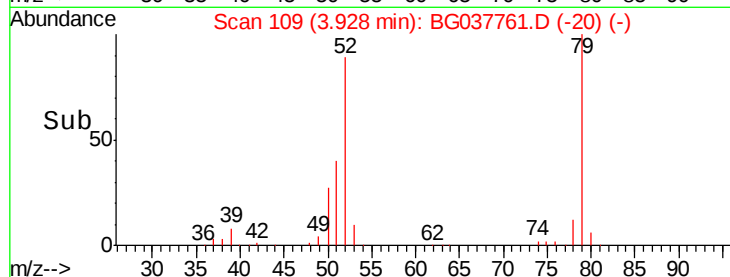
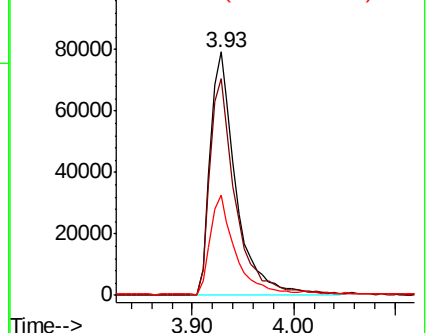
51 41.0 34.6 51.8



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: 41.761 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

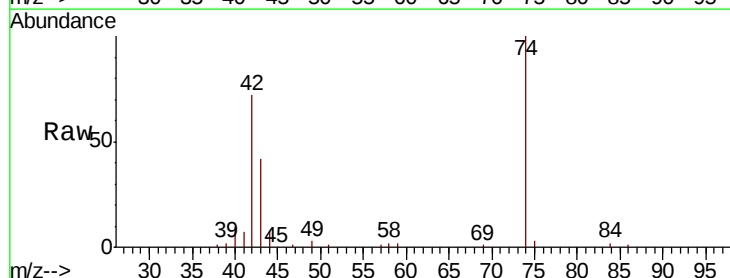
Tgt Ion: 42 Resp: 59334

Ion Ratio Lower Upper

42 100

74 138.4 102.0 153.0

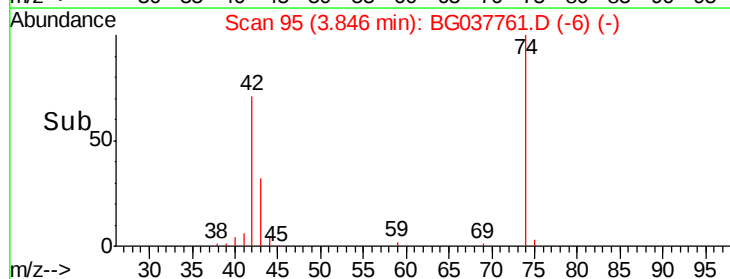
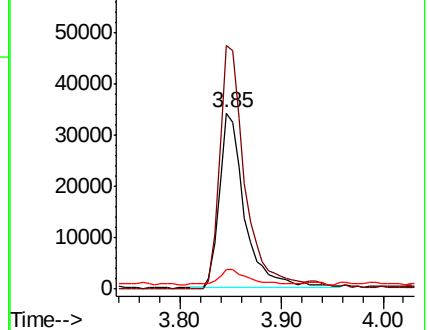
44 10.9 9.6 14.4

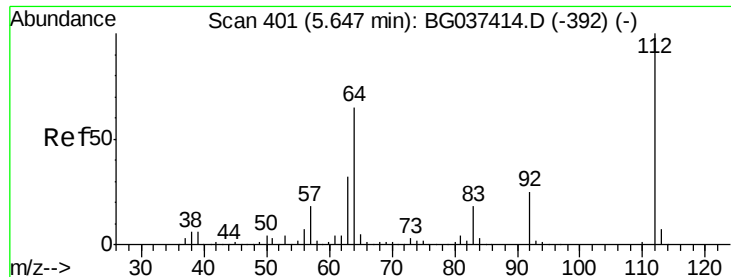


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 151.289 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

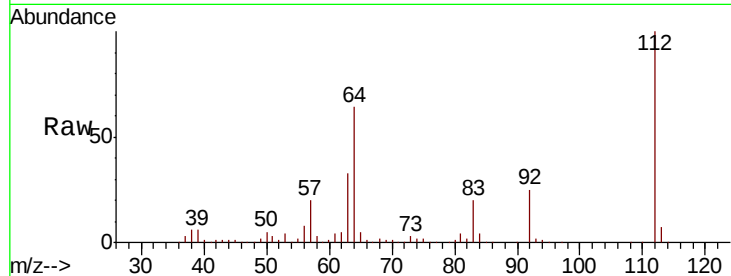
Tot Ion:112 Resp: 472141

Ion Ratio Lower Upper

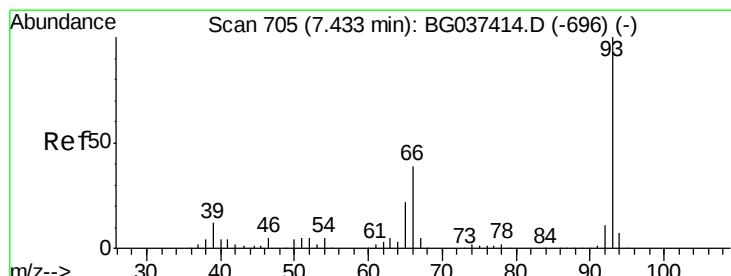
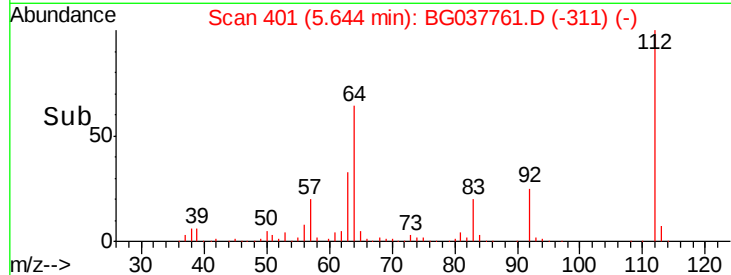
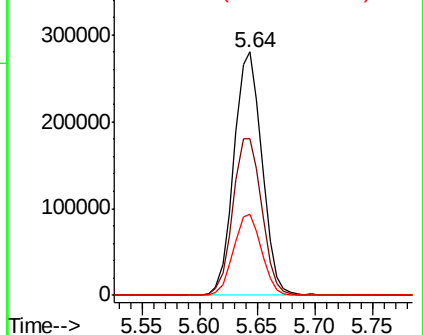
112 100

64 64.3 53.1 79.7

63 33.3 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: 31.127 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

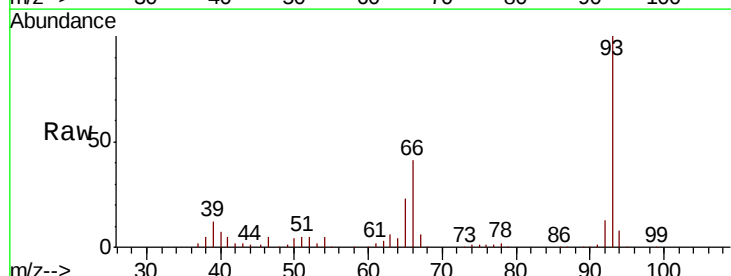
Tgt Ion: 93 Resp: 179195

Ion Ratio Lower Upper

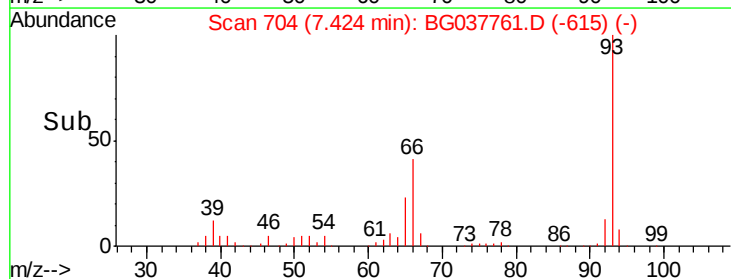
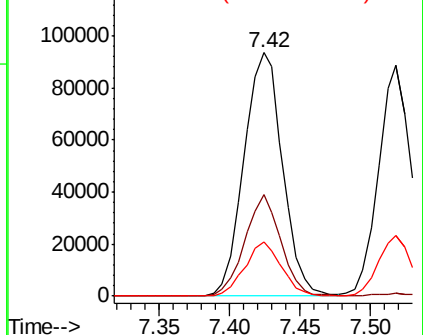
93 100

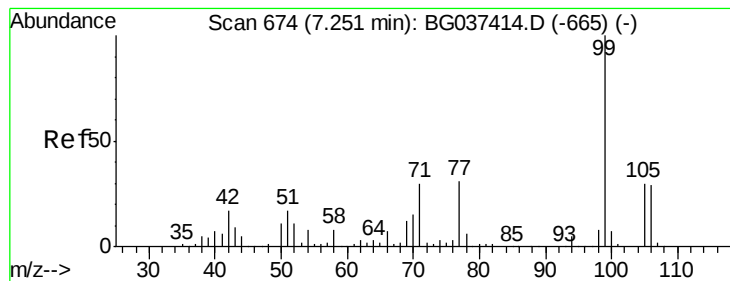
66 41.5 32.8 49.2

65 22.5 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: 143.705 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

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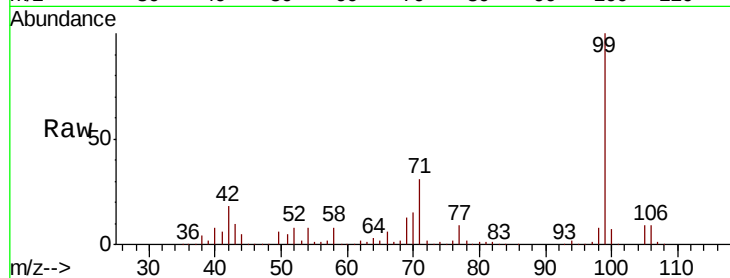
Tot Ion: 99 Resp: 678146

Ion Ratio Lower Upper

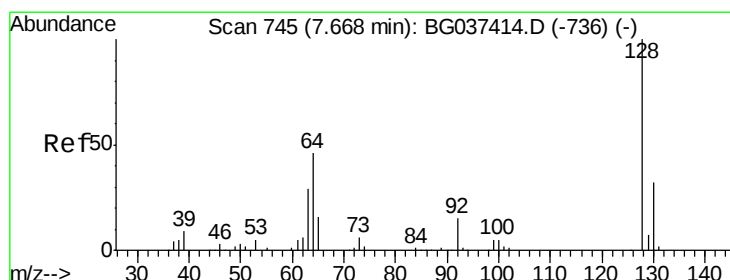
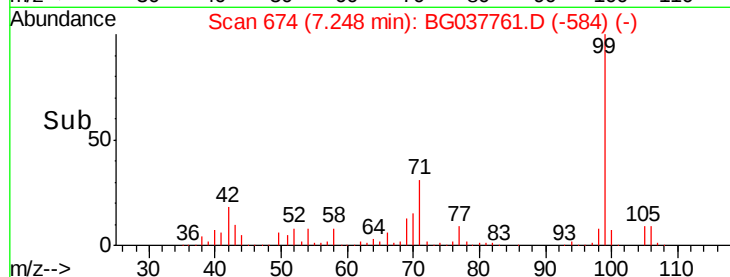
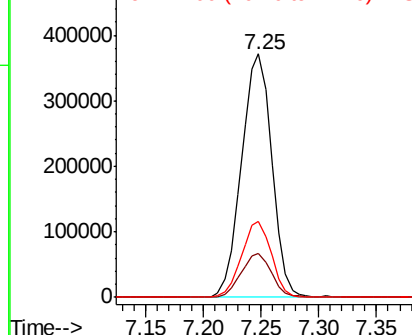
99 100

42 17.9 15.0 22.4

71 31.1 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.207 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

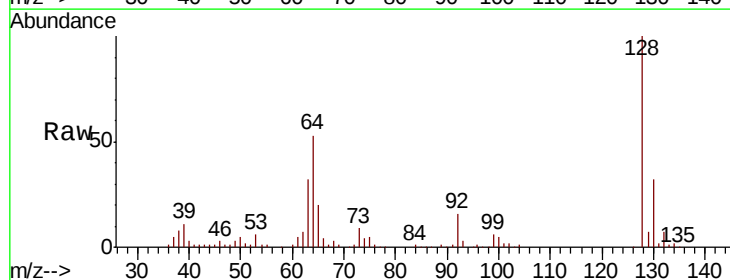
Tgt Ion: 128 Resp: 161393

Ion Ratio Lower Upper

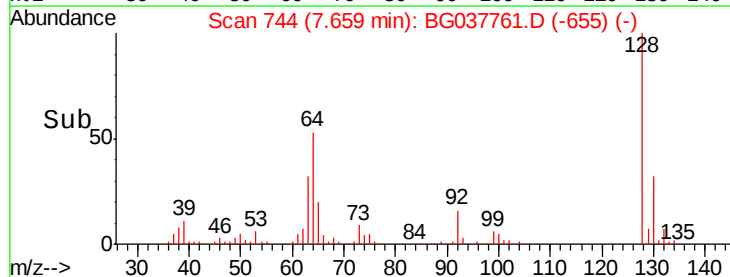
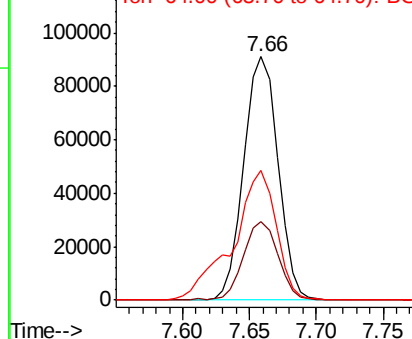
128 100

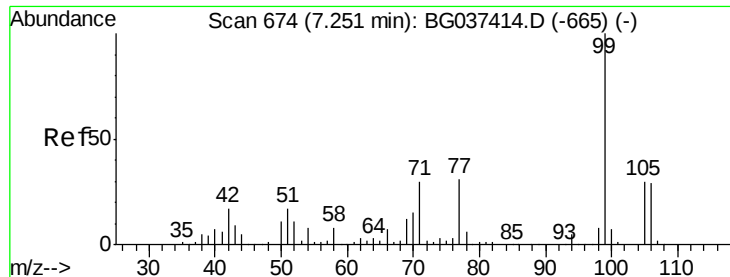
130 32.2 12.0 52.0

64 53.2 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: 27.795 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037761.D

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Instrument :

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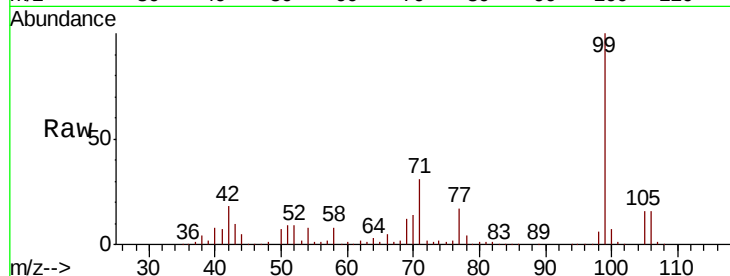
Tot Ion: 77 Resp: 82049

Ion Ratio Lower Upper

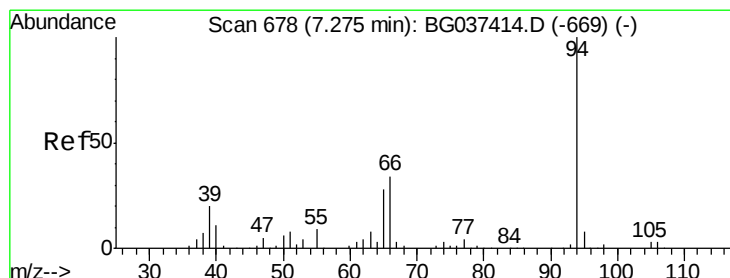
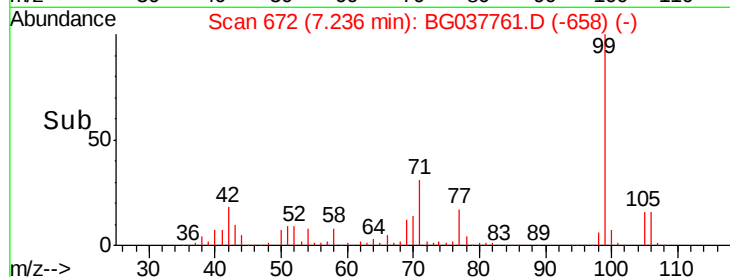
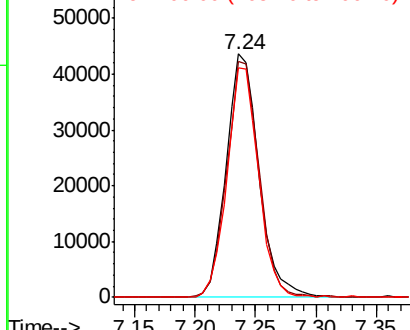
77 100

105 96.7 72.6 112.6

106 94.4 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: 42.687 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

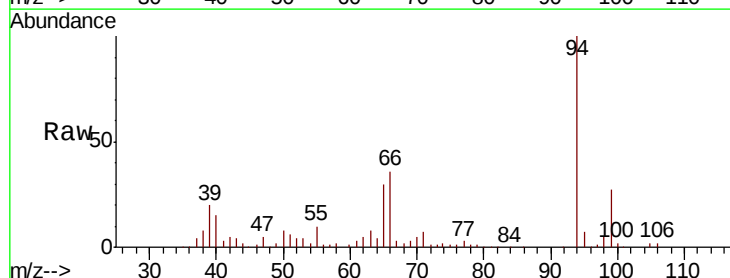
Tgt Ion: 94 Resp: 212543

Ion Ratio Lower Upper

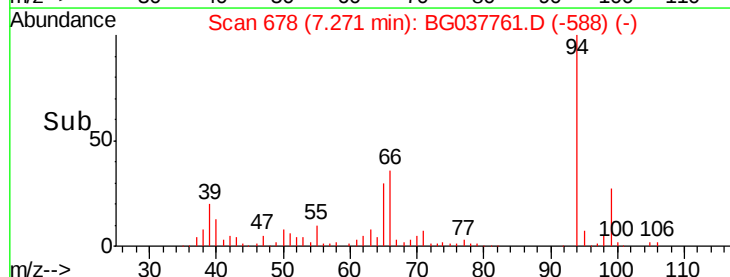
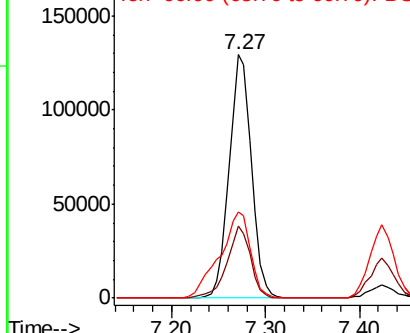
94 100

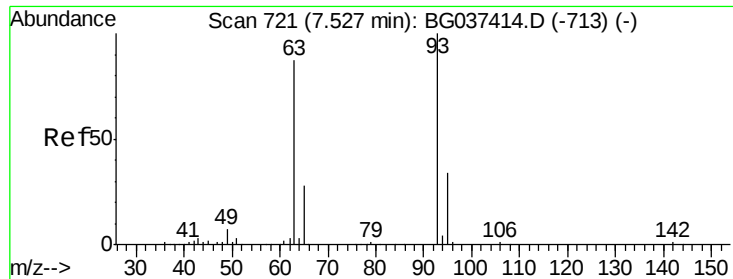
65 29.6 9.7 49.7

66 35.6 15.9 55.9



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

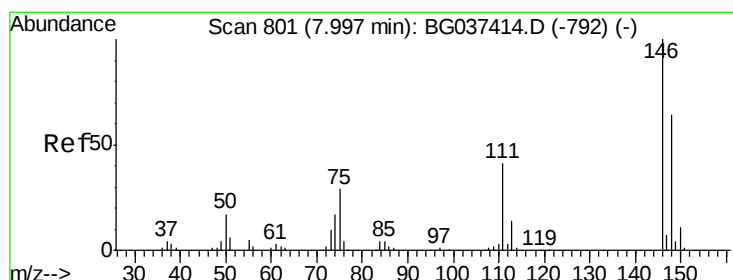
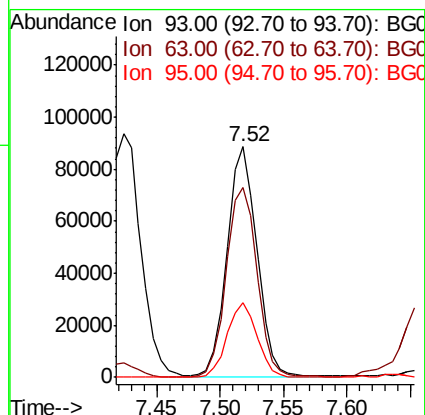
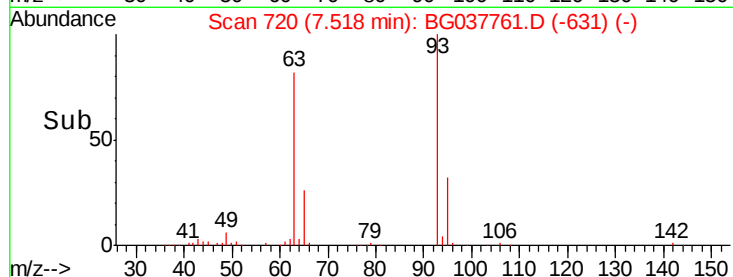
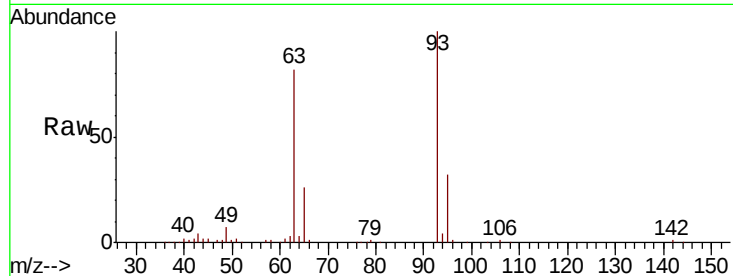




#11
bis(2-Chloroethyl)ether
Concen: 38.341 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

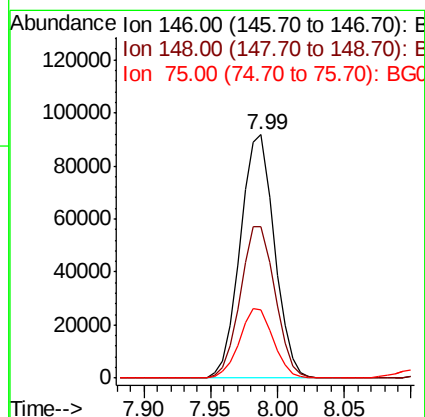
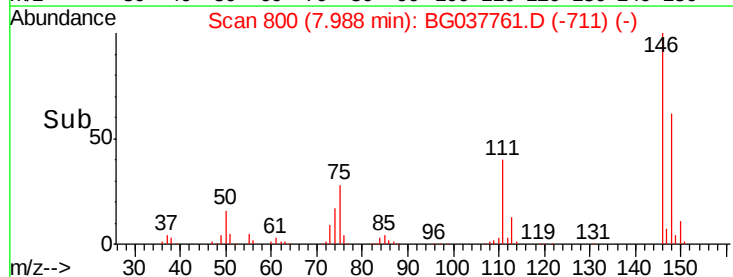
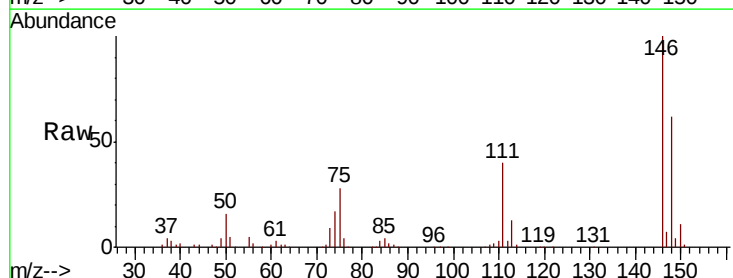
Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Tot Ion: 93 Resp: 144989
Ion Ratio Lower Upper
93 100
63 82.0 69.5 109.5
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.946 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion: 146 Resp: 162356
Ion Ratio Lower Upper
146 100
148 62.2 49.8 74.8
75 28.0 23.2 34.8

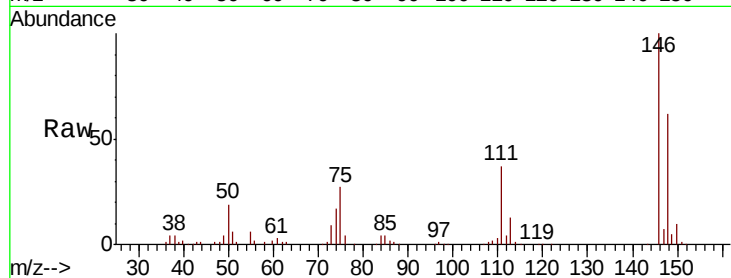




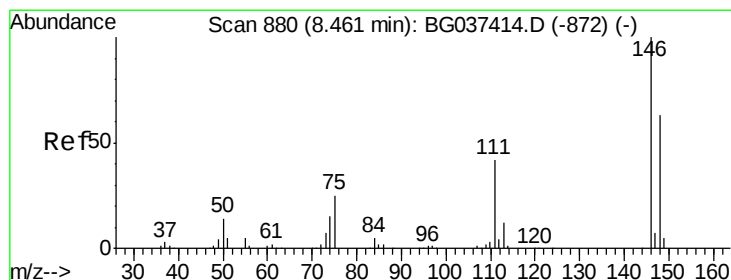
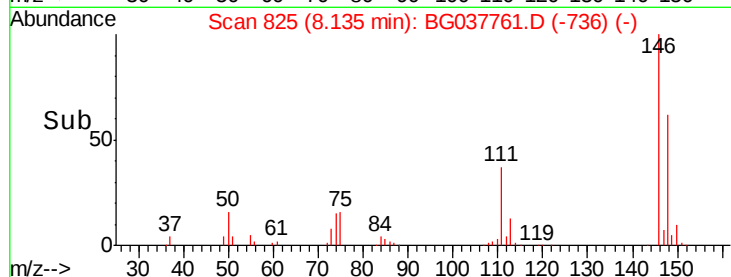
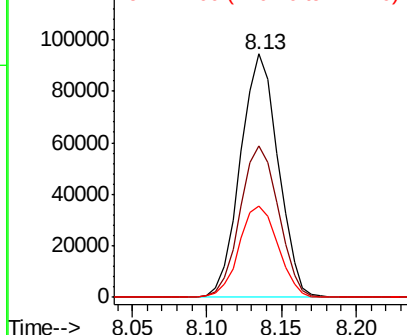
#13
 1,4-Dichlorobenzene
 Concen: 39.823 ng
 RT: 8.13 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB114425BSD

Tot Ion:146 Resp: 165564
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.0 76.6
 111 37.4 32.4 48.6

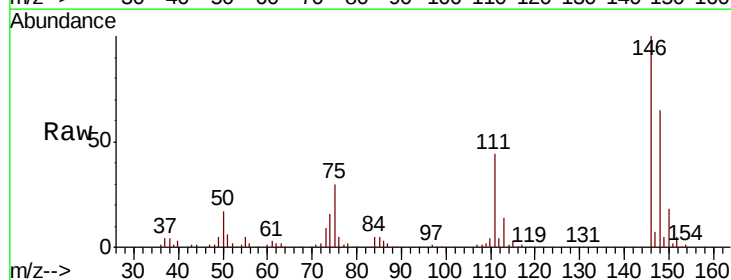


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

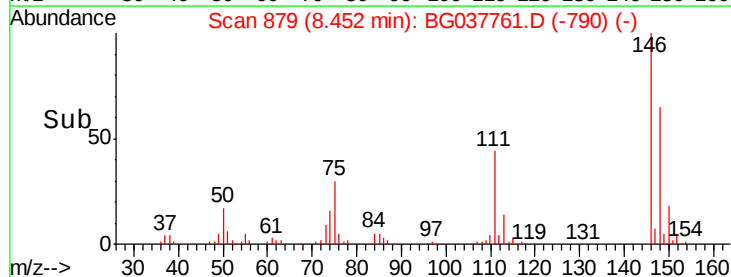
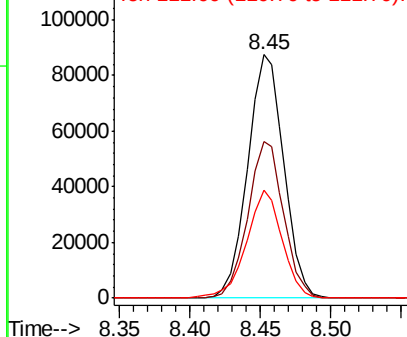


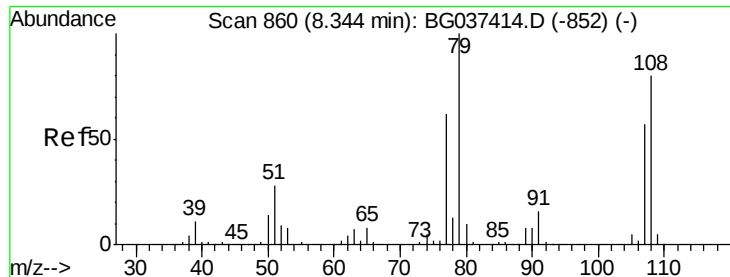
#14
 1,2-Dichlorobenzene
 Concen: 39.227 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Tgt Ion:146 Resp: 156879
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 44.2 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: 40.554 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

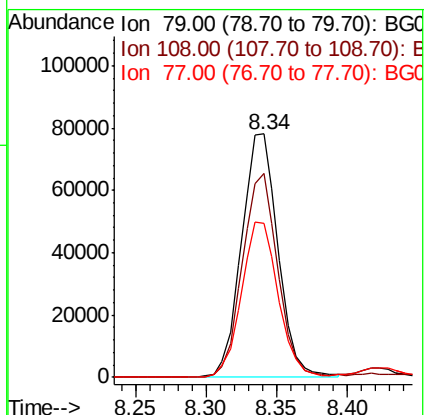
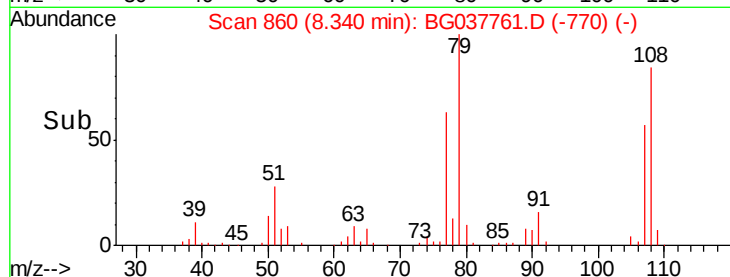
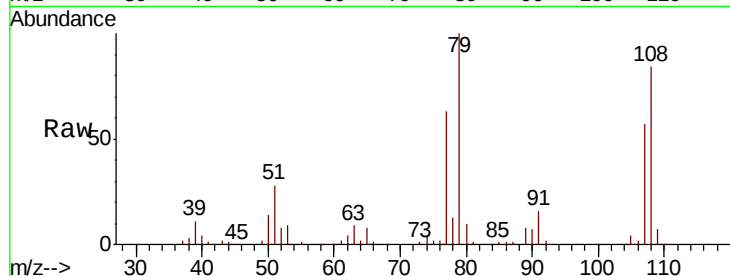
Tot Ion: 79 Resp: 141405

Ion Ratio Lower Upper

79 100

108 83.9 65.8 98.8

77 63.2 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.534 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

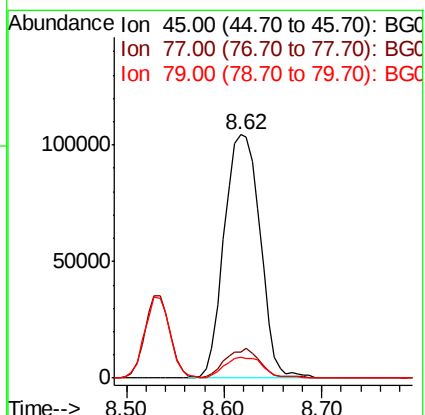
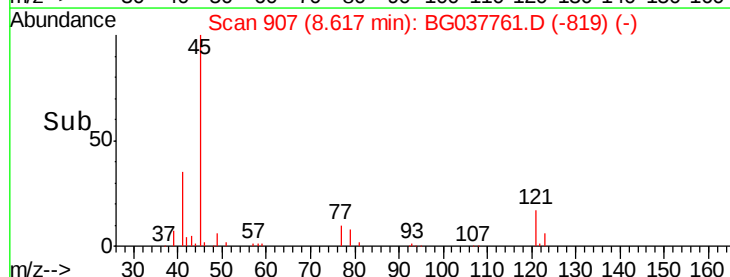
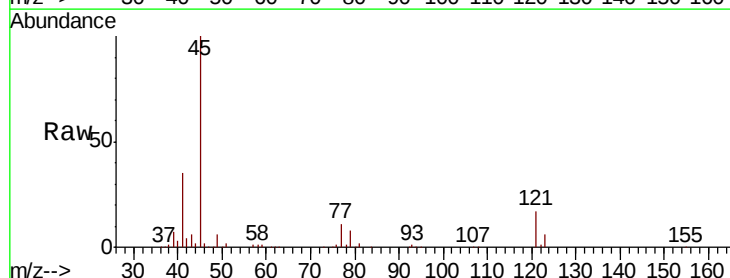
Tgt Ion: 45 Resp: 267503

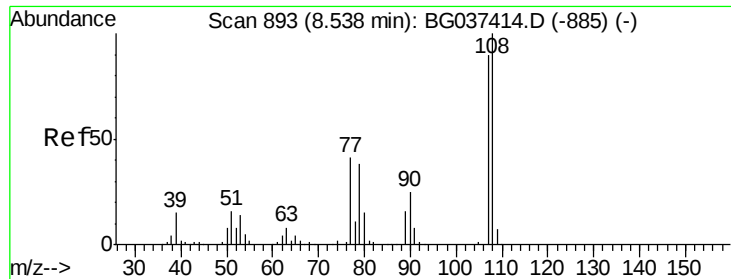
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.0

79 8.4 0.0 29.0

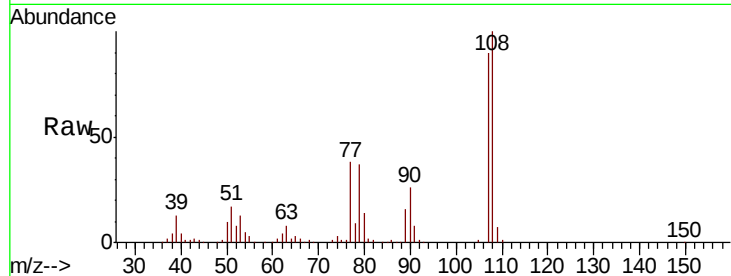




#17
2-Methylphenol
Concen: 44.455 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	87.9	131.9
77	42.2	35.1	52.7
79	41.1	34.5	51.7



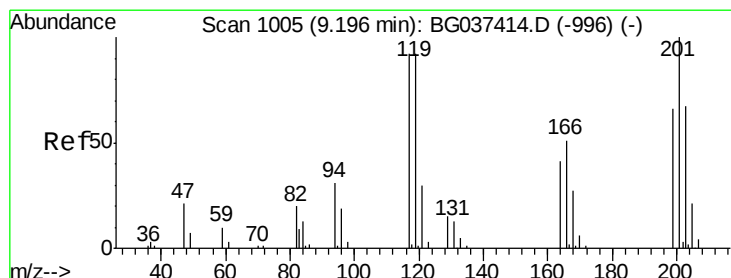
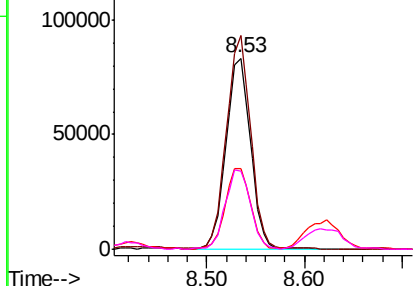
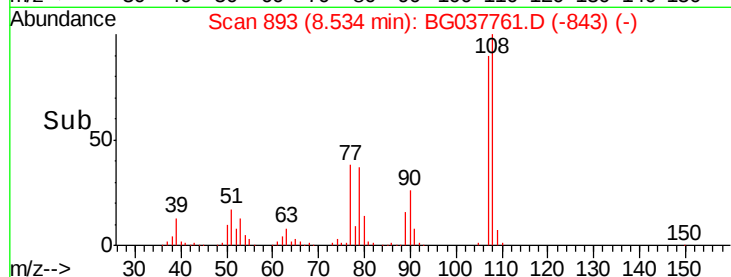
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

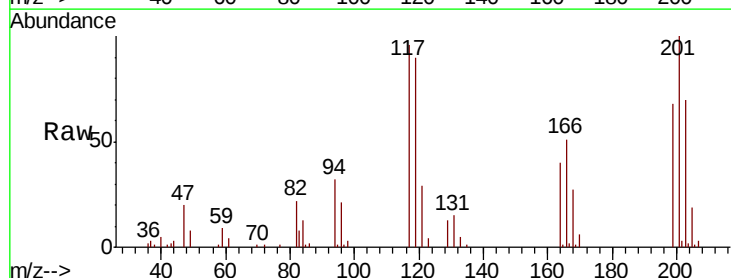
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 41.786 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.6	111.8
201	107.3	80.8	121.2

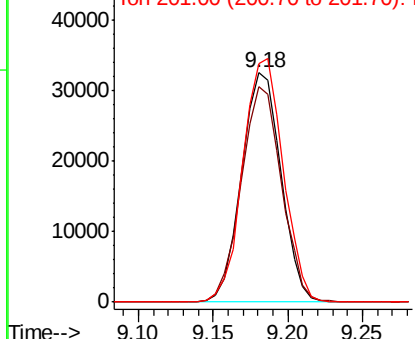
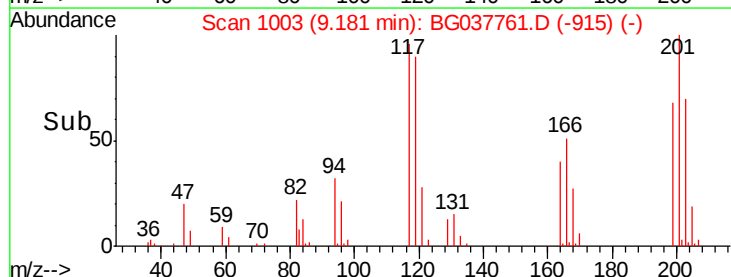


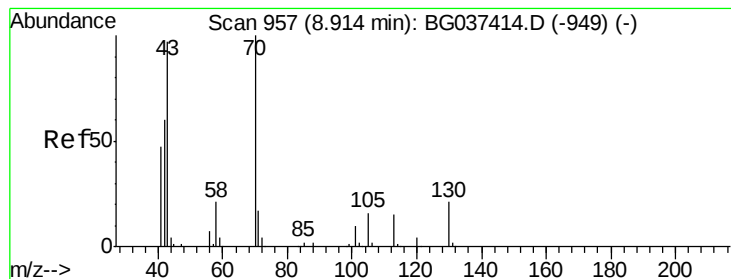
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.032 ng

RT: 8.90 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

Tot Ion: 70 Resp: 120339

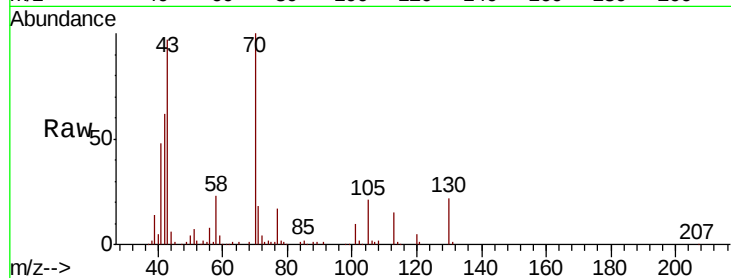
Ion Ratio Lower Upper

70 100

42 62.3 53.9 80.9

101 10.1 8.2 12.2

130 22.0 18.2 27.4

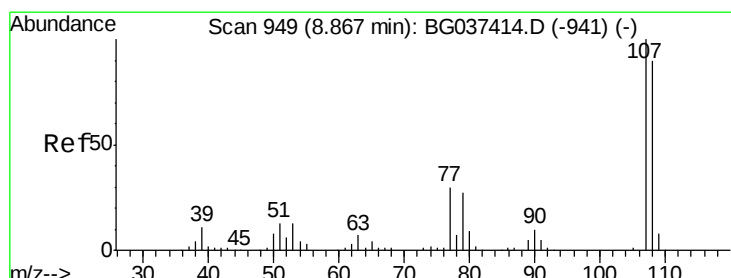
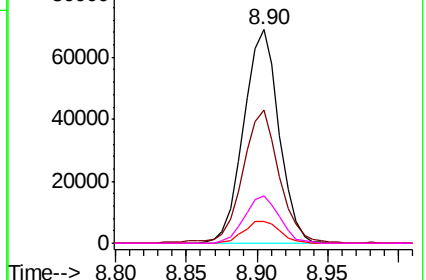
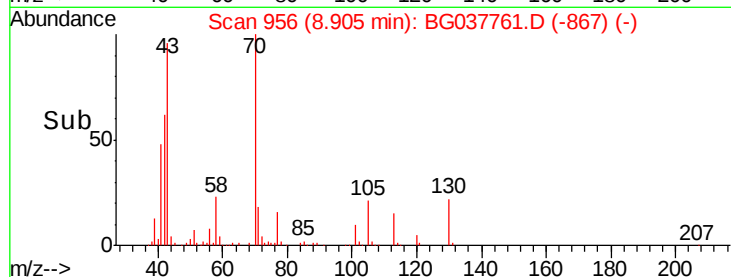


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.426 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Tgt Ion: 107 Resp: 199670

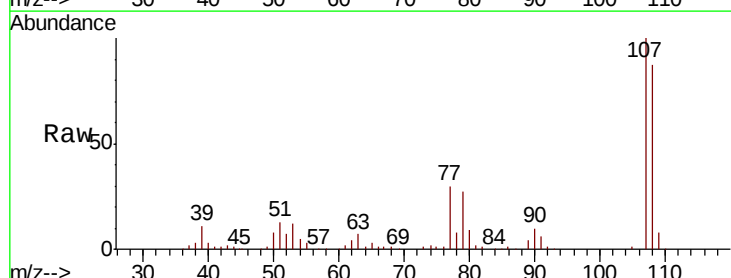
Ion Ratio Lower Upper

107 100

108 86.9 69.9 109.9

77 30.4 11.2 51.2

79 26.6 6.6 46.6

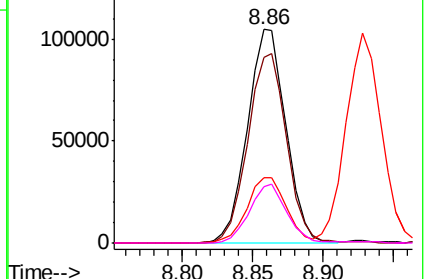
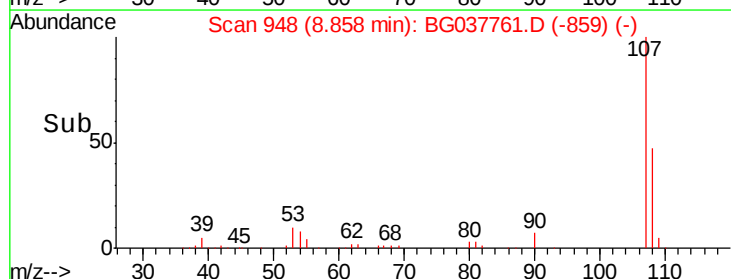


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

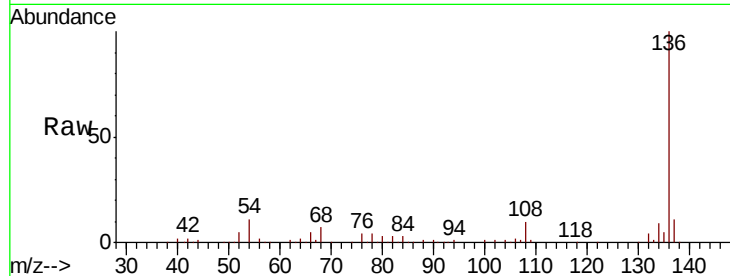




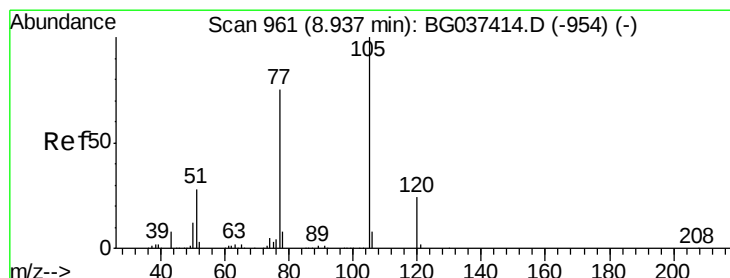
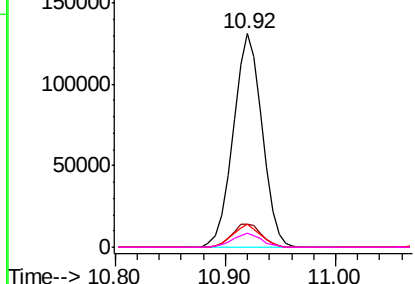
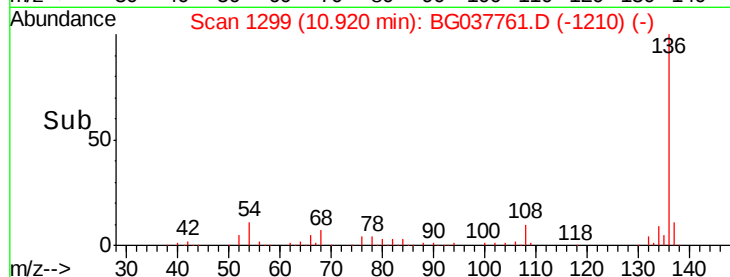
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Tot Ion:136	Resp:	239624
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.6 14.4
54	10.8	7.9 11.9
68	6.8	4.8 7.2

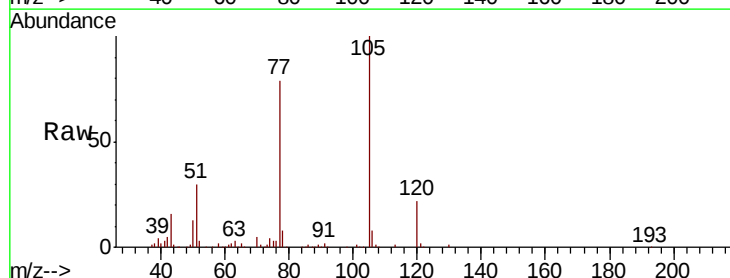


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

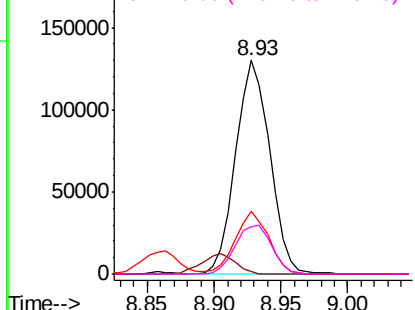
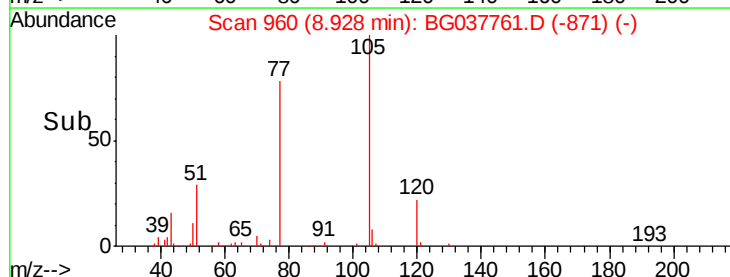


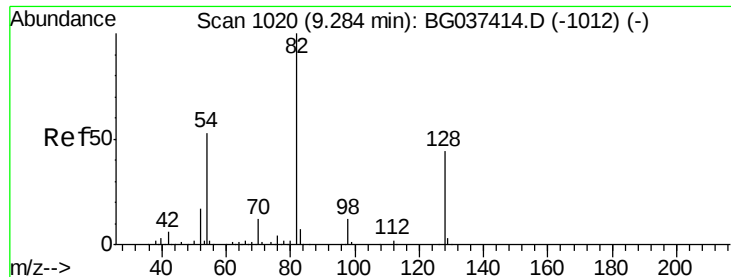
#22
Acetophenone
Concen: 38.528 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion:105	Resp:	231543
Ion	Ratio	Lower Upper
105	100	
71	1.0	1.2 1.8#
51	29.6	25.0 37.6
120	22.2	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
200000 Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

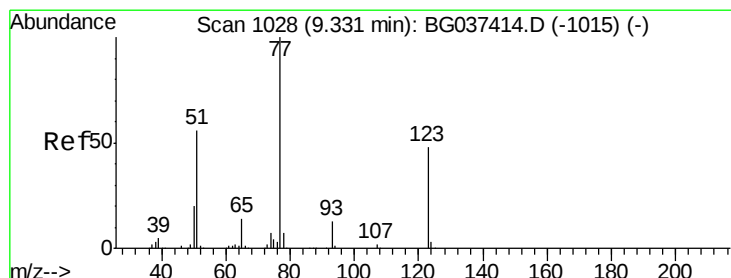
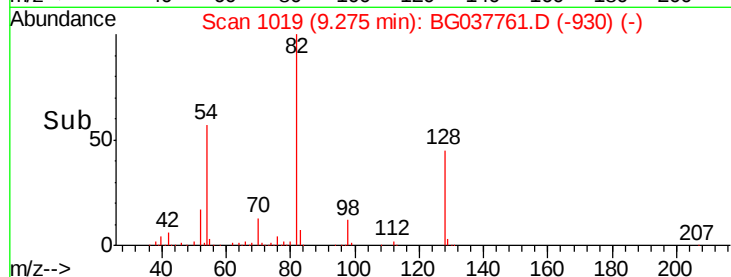
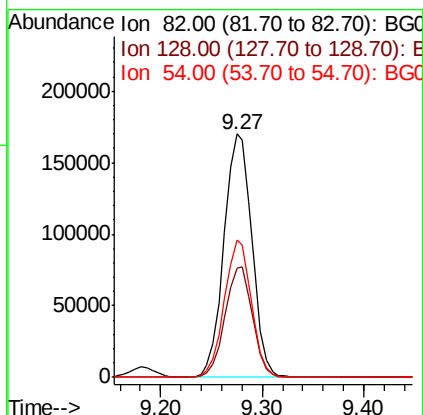
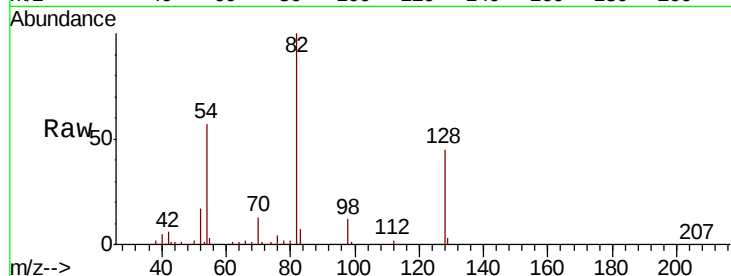




#23
Nitrobenzene-d5
Concen: 75.928 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

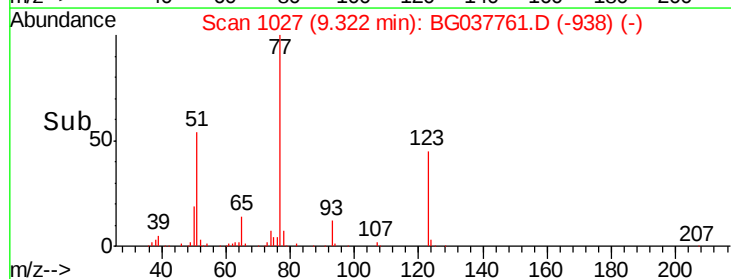
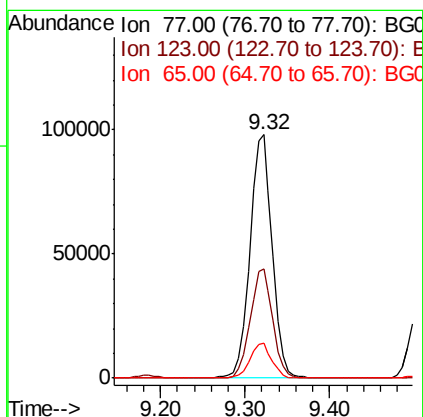
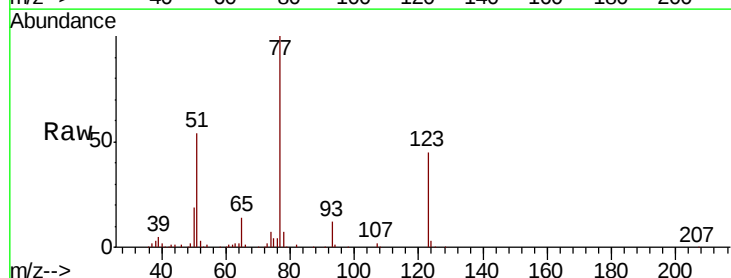
Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Tot Ion	82	Resp	324787
Ion Ratio	100	Lower	Upper
128	44.8	34.6	51.8
54	56.5	45.3	67.9



#24
Nitrobenzene
Concen: 40.583 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion	77	Resp	180339
Ion Ratio	100	Lower	Upper
123	44.9	33.6	50.4
65	14.3	11.3	16.9

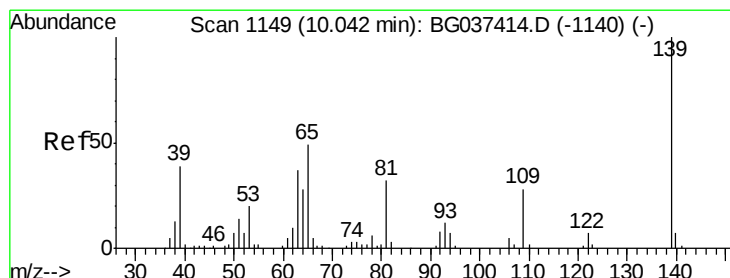
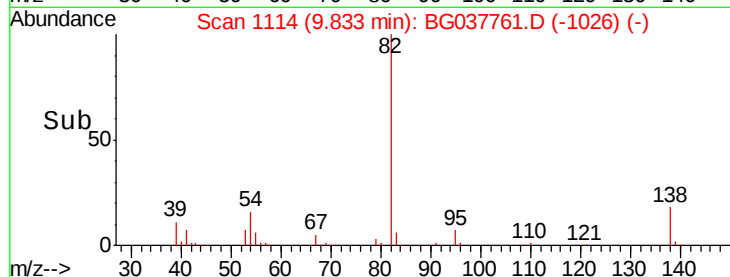
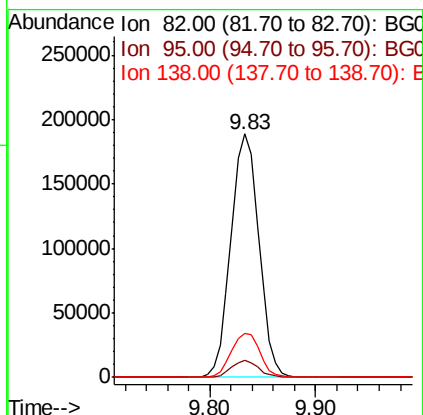
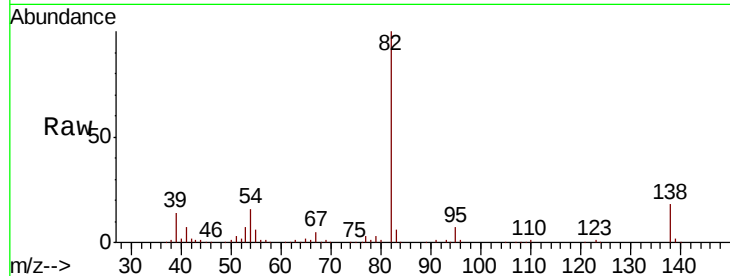




#25
Isophorone
Concen: 44.168 ng
RT: 9.83 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

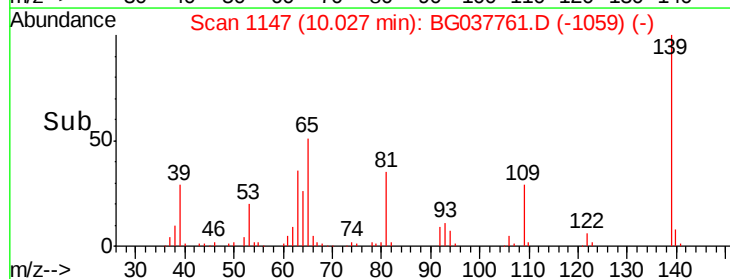
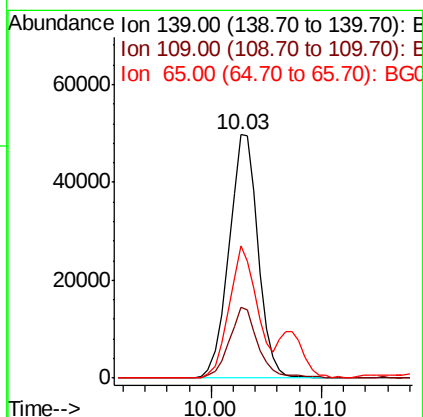
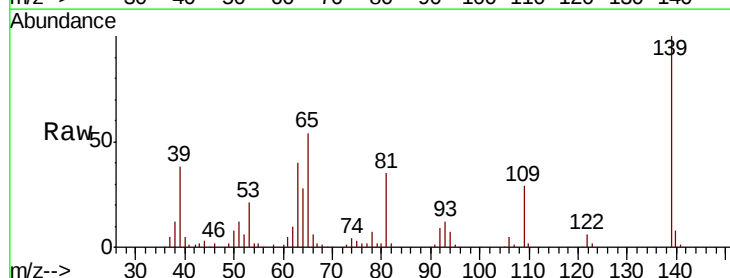
Instrument :
BNA_G
ClientSampleId :
PB114425BSD

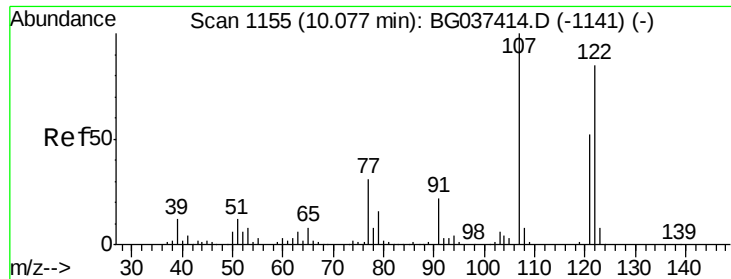
Tot Ion: 82 Resp: 345204
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 18.2 13.3 19.9



#26
2-Nitrophenol
Concen: 45.914 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion: 139 Resp: 91913
Ion Ratio Lower Upper
139 100
109 29.3 23.3 34.9
65 54.3 39.8 59.8

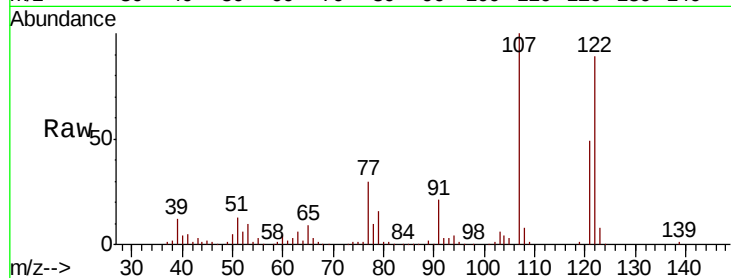




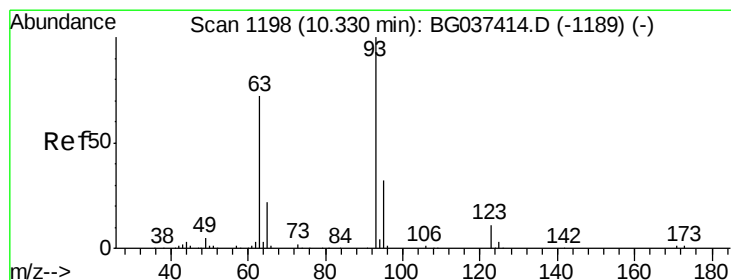
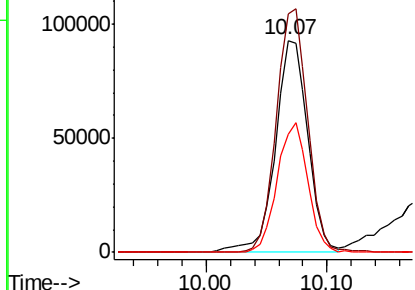
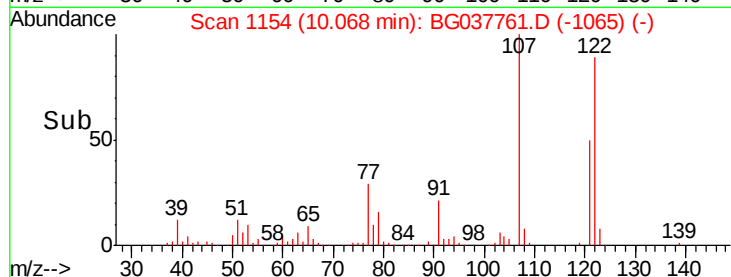
#27
 2,4-Dimethylphenol
 Concen: 47.907 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB114425BSD

Tot Ion:122 Resp: 171233
 Ion Ratio Lower Upper
 122 100
 107 112.9 94.2 141.2
 121 55.8 47.3 70.9

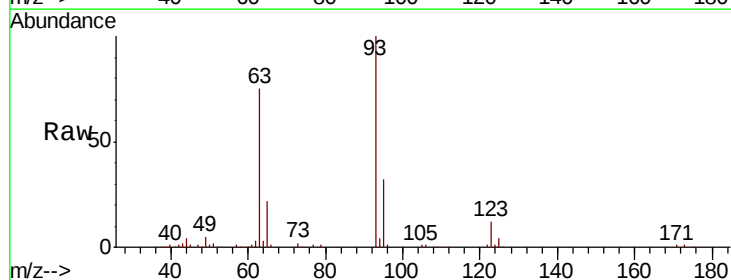


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

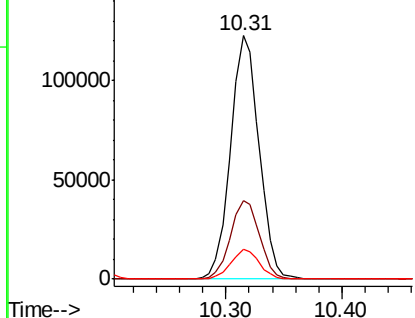
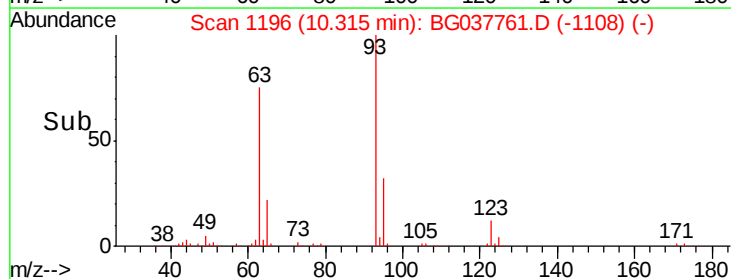


#28
 bis(2-Chloroethoxy)methane
 Concen: 40.926 ng
 RT: 10.31 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Tgt Ion: 93 Resp: 209572
 Ion Ratio Lower Upper
 93 100
 95 32.0 24.6 37.0
 123 12.2 9.1 13.7



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

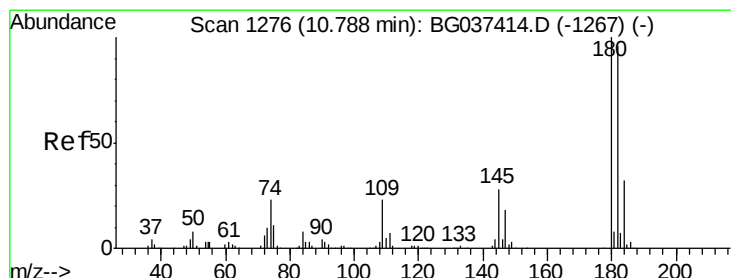
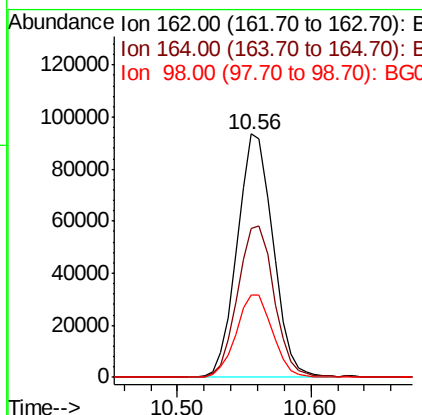
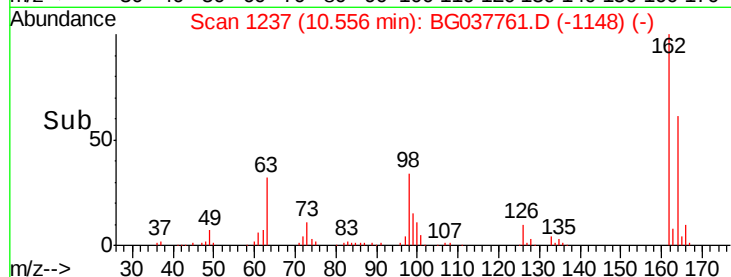
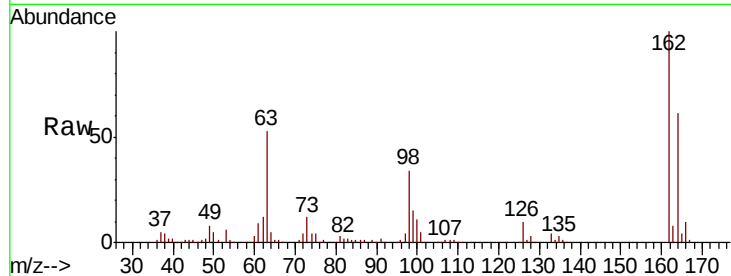




#29
 2,4-Dichlorophenol
 Concen: 43.720 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

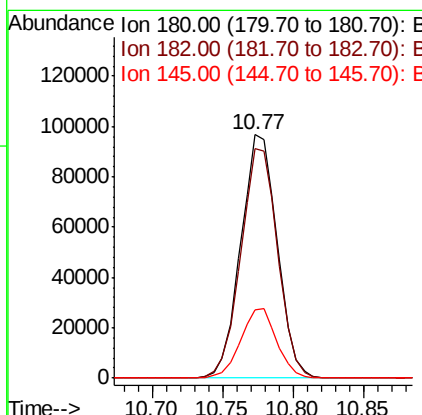
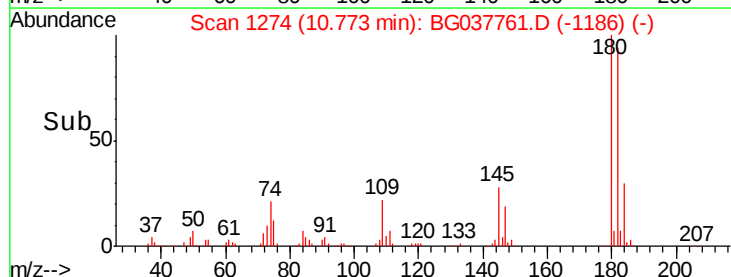
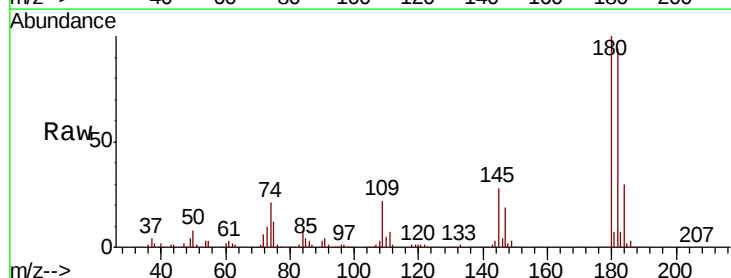
Instrument :
 BNA_G
 ClientSampleId :
 PB114425BSD

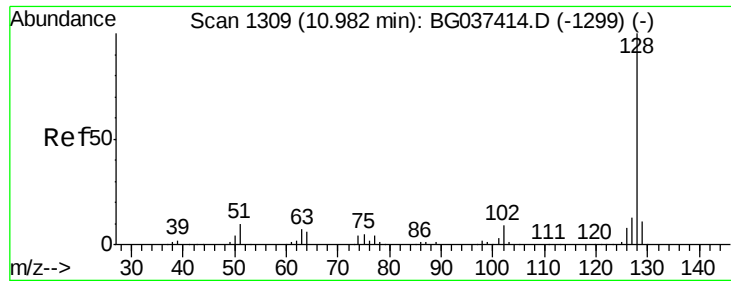
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.1	43.2	83.2
98	33.8	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.408 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.7	116.5
145	28.2	23.3	34.9

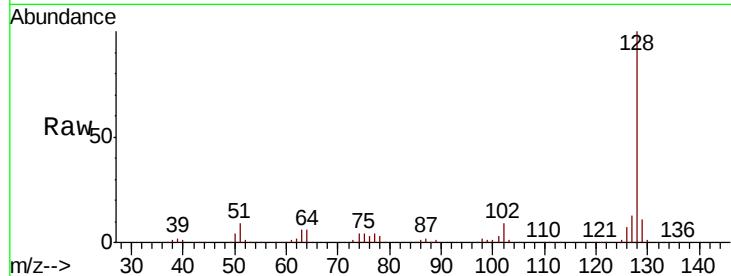




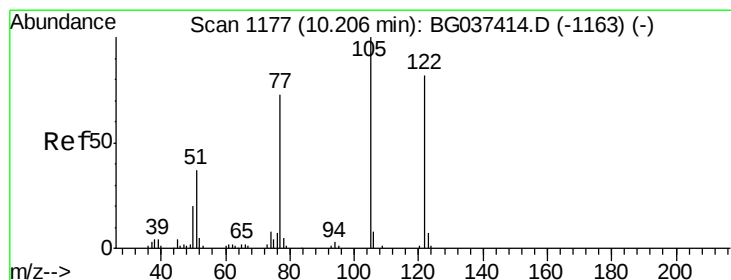
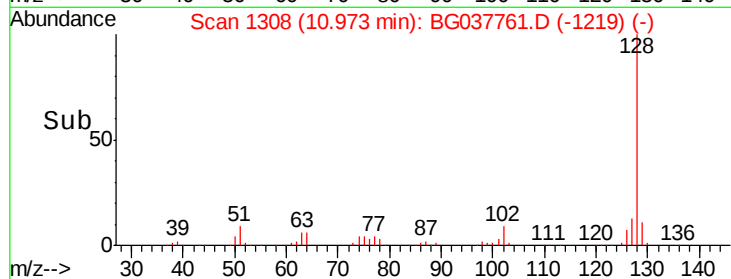
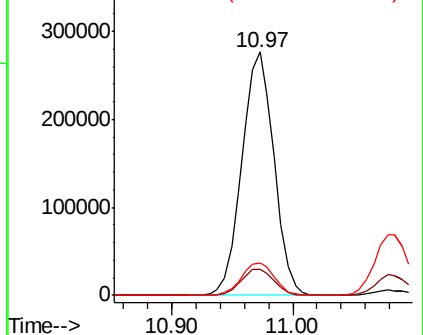
#31
Naphthalene
Concen: 43.407 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Tot Ion:128 Resp: 510894
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.3 11.1 16.7

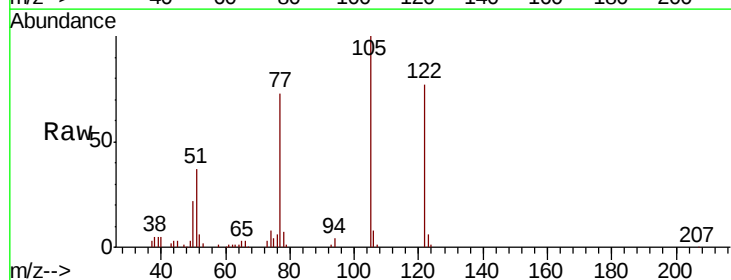


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

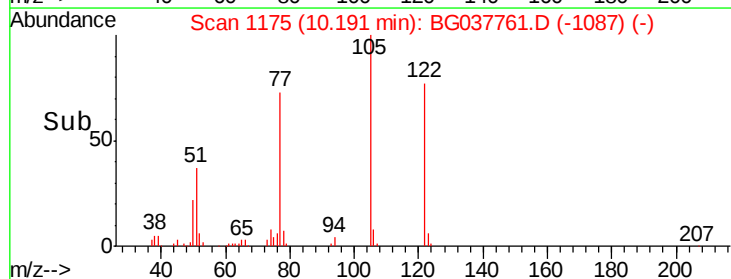
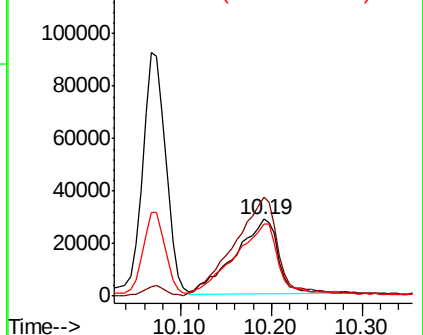


#32
Benzoic acid
Concen: 41.097 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion:122 Resp: 95409
Ion Ratio Lower Upper
122 100
105 129.1 106.7 146.7
77 94.1 72.2 112.2



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

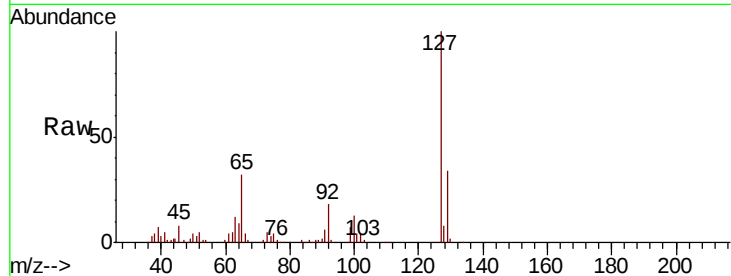




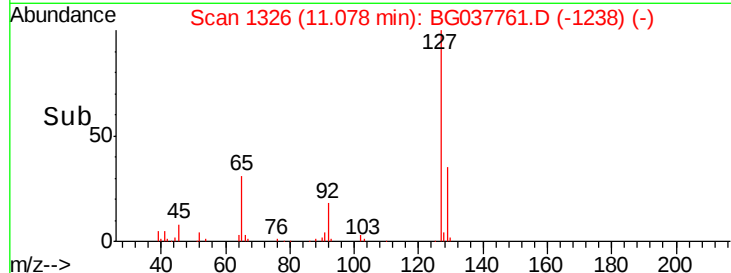
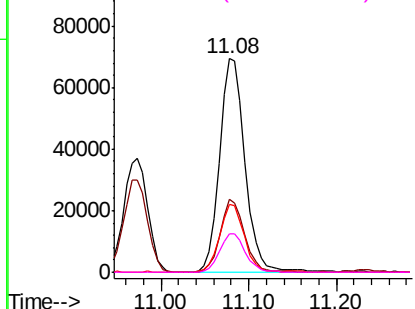
#33
4-Chloroaniline
Concen: 25.284 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Tot Ion:	127	Resp:	139821
Ion	Ratio	Lower	Upper
127	100		
129	34.4	27.1	40.7
65	31.8	26.6	39.8
92	18.3	16.4	24.6

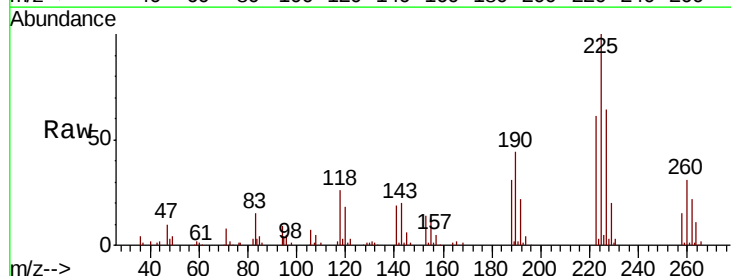


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

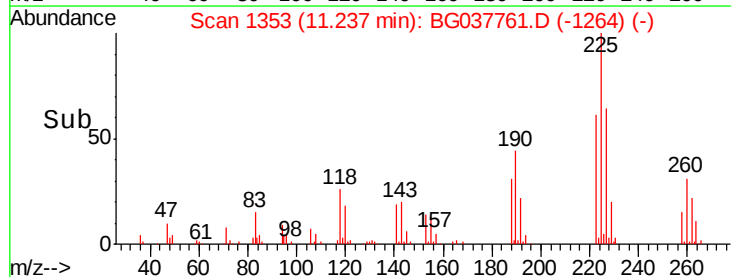
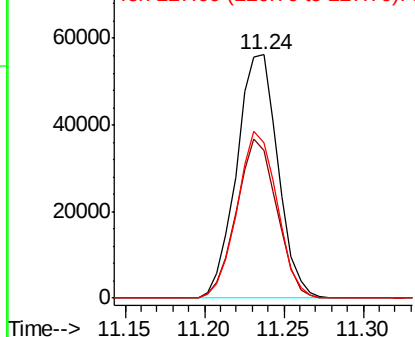


#34
Hexachlorobutadiene
Concen: 39.670 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion:	225	Resp:	101751
Ion	Ratio	Lower	Upper
225	100		
223	60.5	48.2	72.4
227	63.3	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.088 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

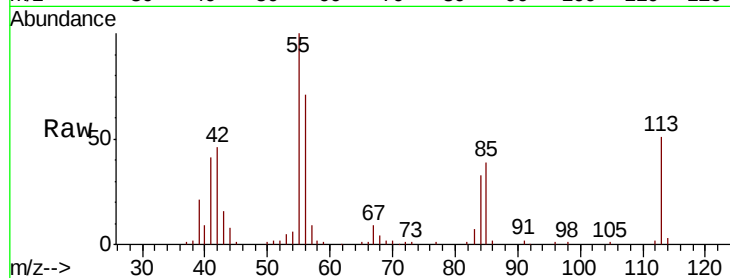
Tot Ion:113 Resp: 40042

Ion Ratio Lower Upper

113 100

55 196.5 176.6 216.6

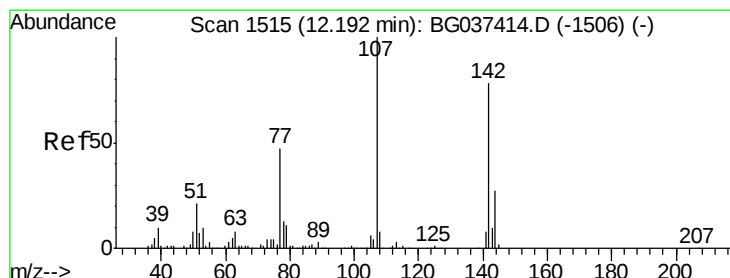
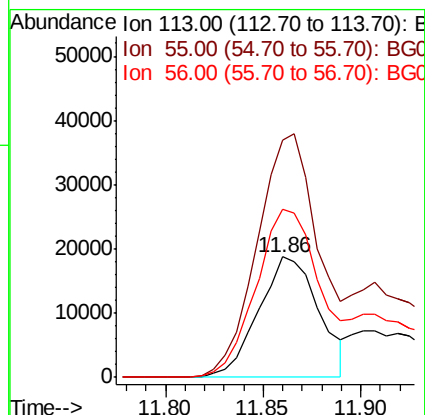
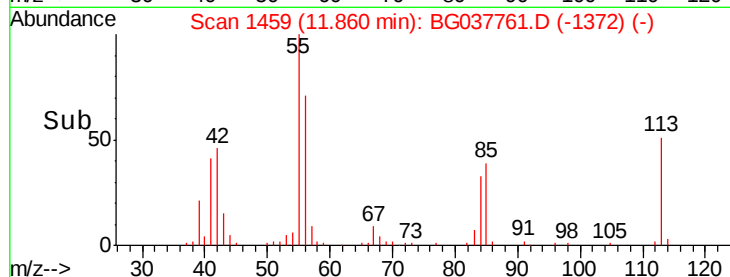
56 139.6 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.046 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

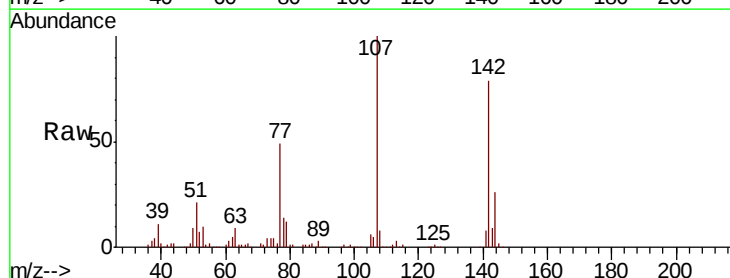
Tgt Ion:107 Resp: 188707

Ion Ratio Lower Upper

107 100

144 26.1 20.7 31.1

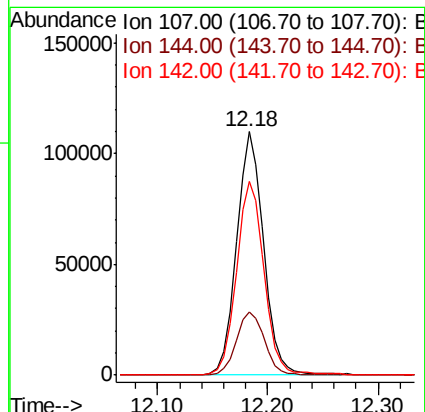
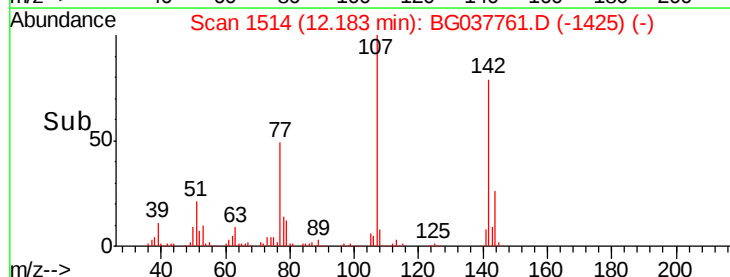
142 79.5 64.4 96.6

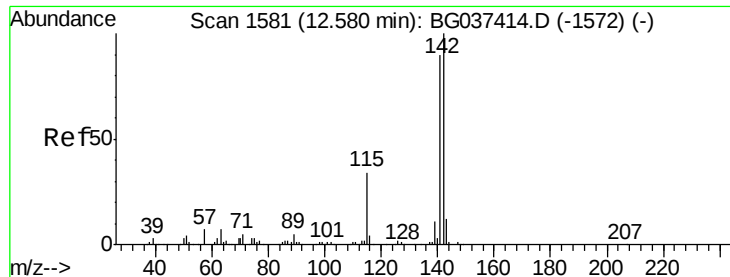


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.070 ng

RT: 12.56 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

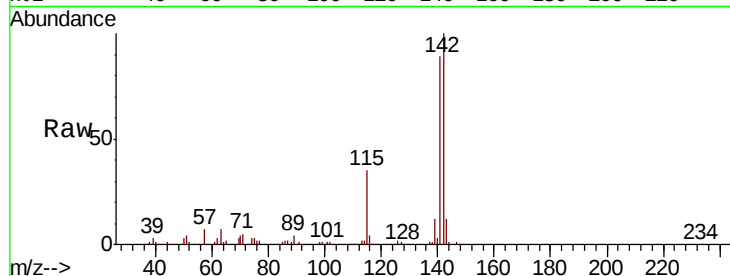
Tot Ion:142 Resp: 395260

Ion Ratio Lower Upper

142 100

141 88.8 71.9 107.9

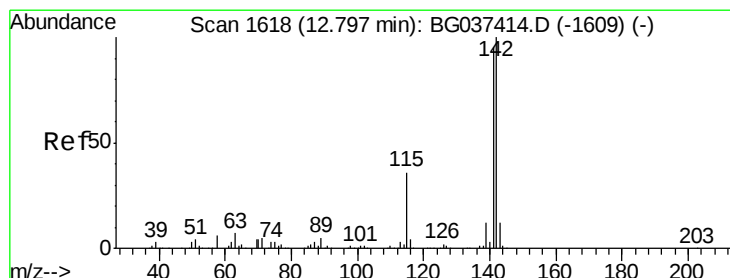
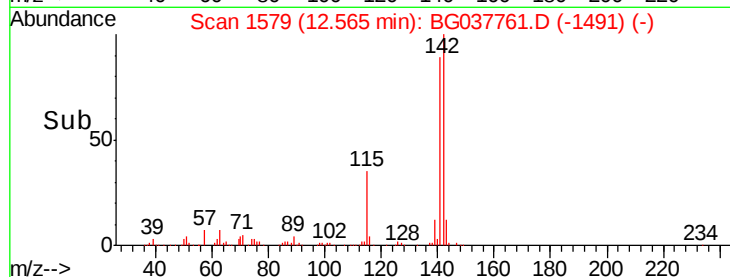
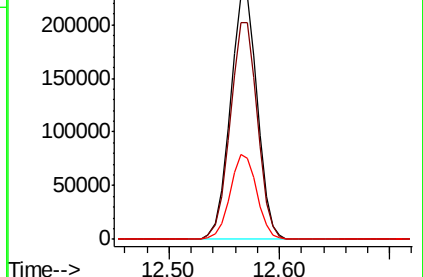
115 34.6 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.765 ng

RT: 12.79 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

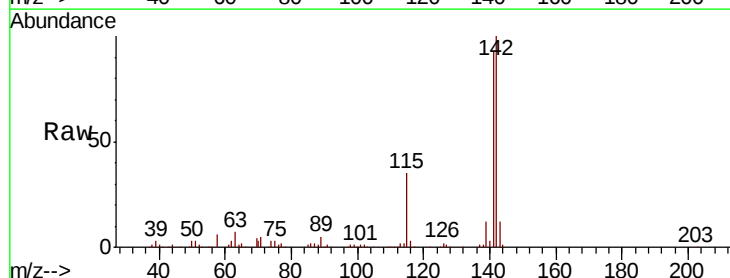
Tgt Ion:142 Resp: 372984

Ion Ratio Lower Upper

142 100

141 93.4 75.2 112.8

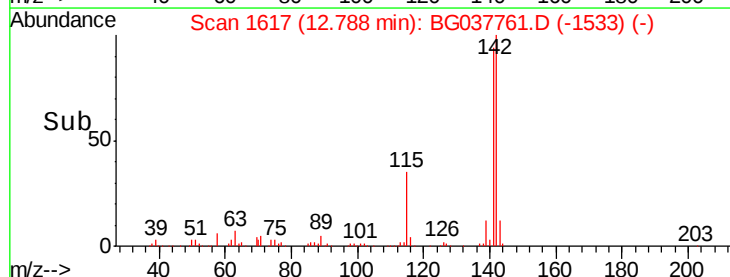
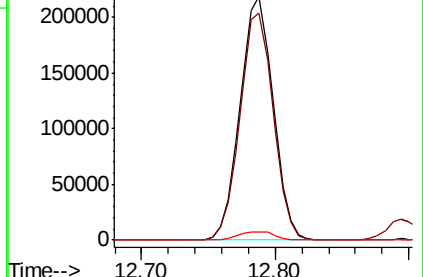
116 3.5 3.3 4.9

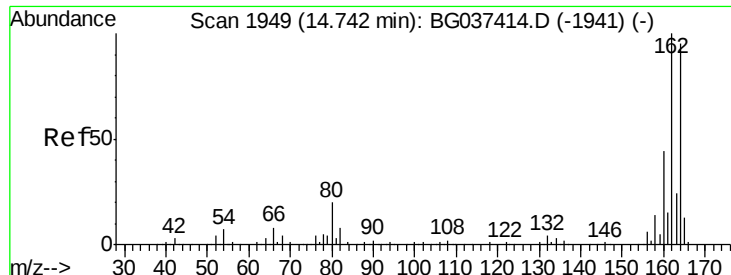


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

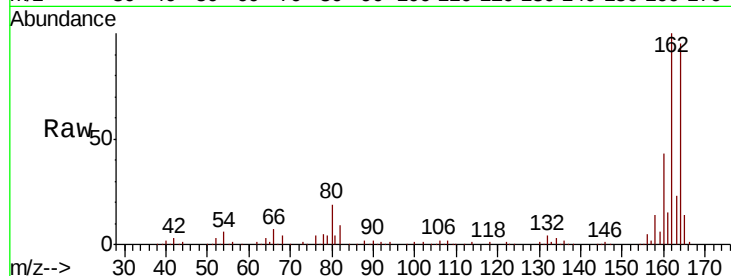
Tot Ion:164 Resp: 163876

Ion Ratio Lower Upper

164 100

162 105.6 81.3 121.9

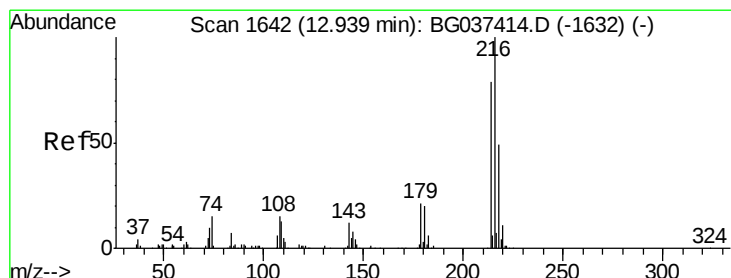
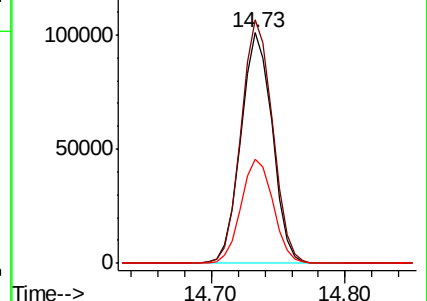
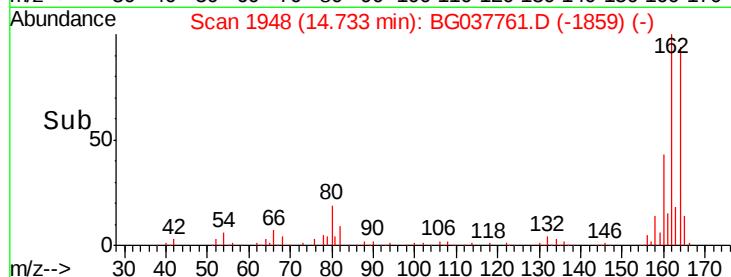
160 45.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.684 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Tgt Ion:216 Resp: 209765

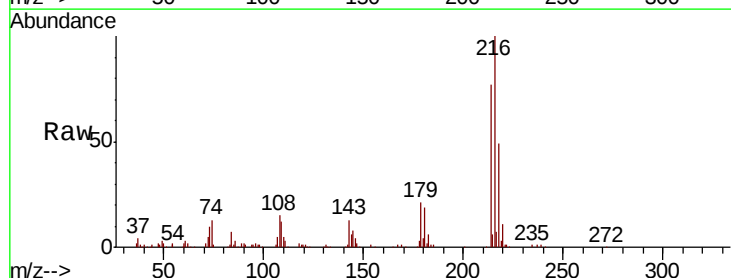
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.6

179 20.8 17.4 26.0

108 18.5 13.9 20.9

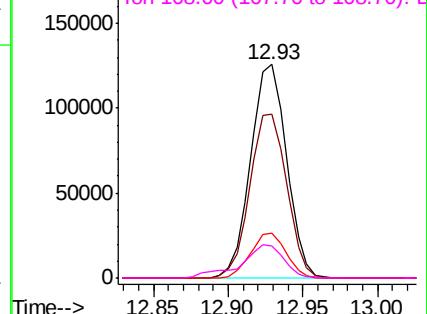
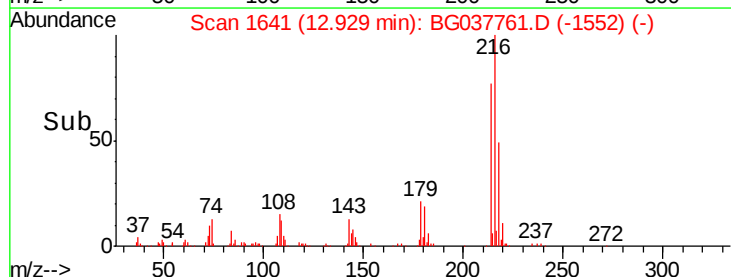


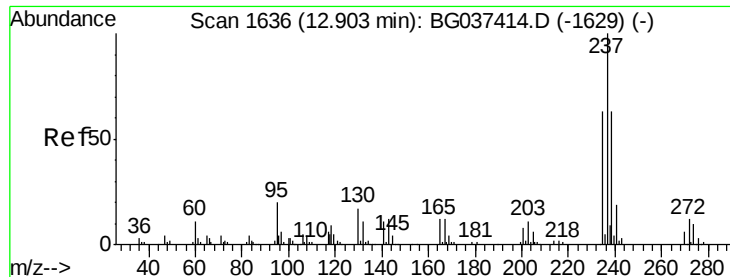
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 106.031 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

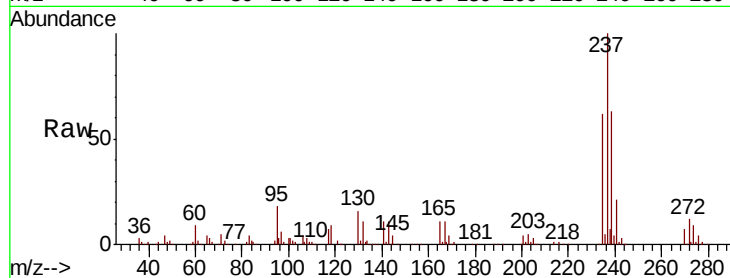
Tot Ion:237 Resp: 267722

Ion Ratio Lower Upper

237 100

235 62.4 42.5 82.5

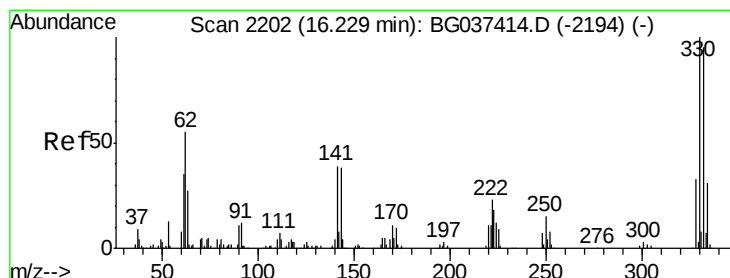
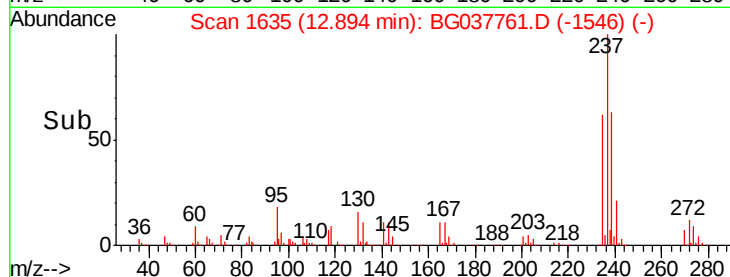
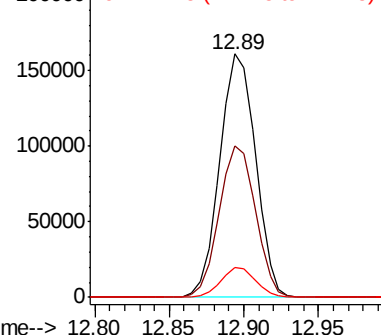
272 12.1 0.0 31.6



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: 148.350 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

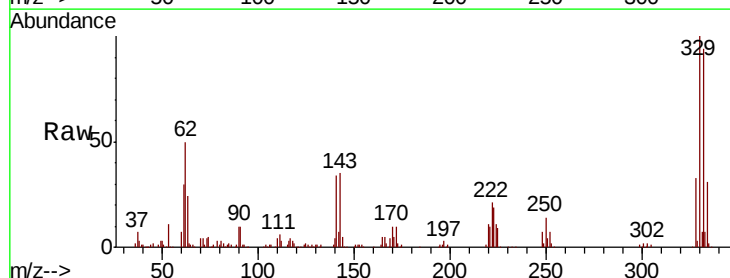
Tgt Ion:330 Resp: 265157

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

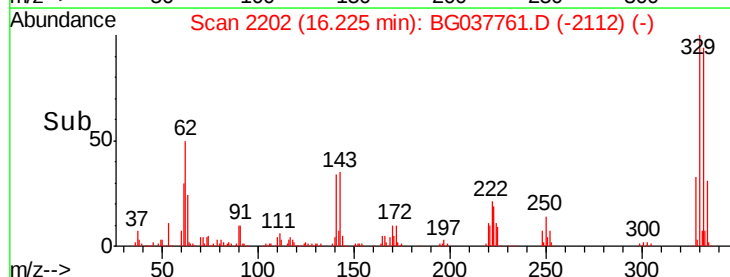
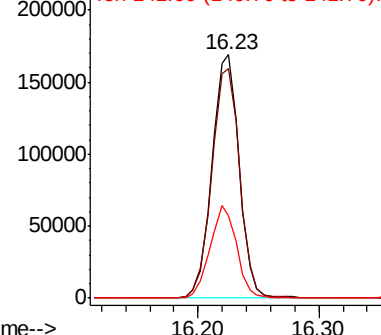
141 37.0 32.2 48.2

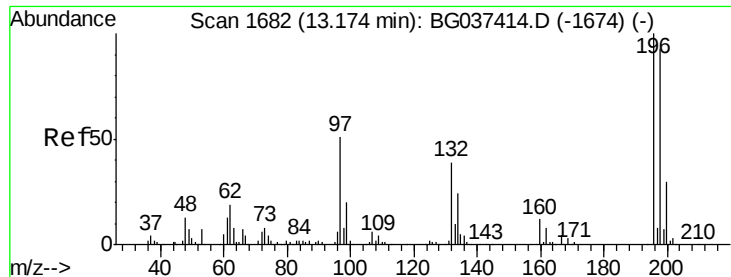


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

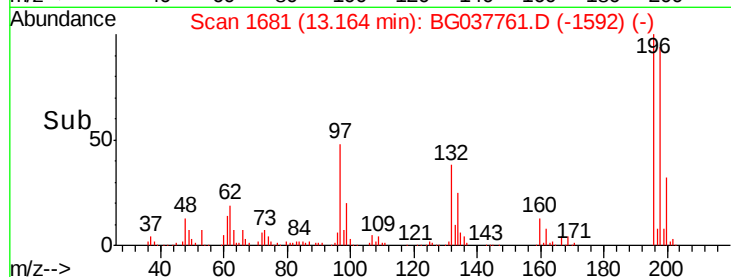
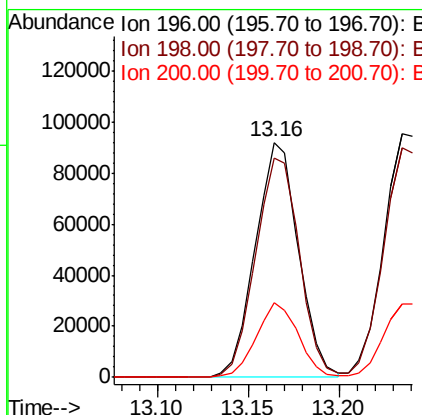
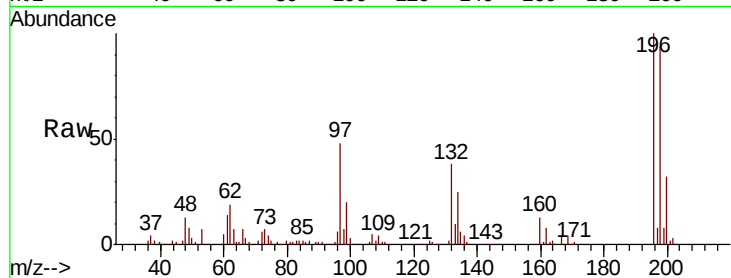




#43
 2,4,6-Trichlorophenol
 Concen: 43.066 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

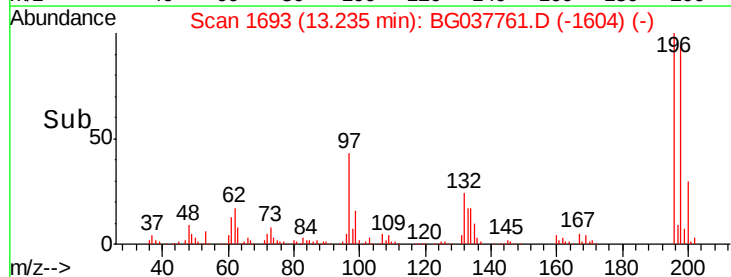
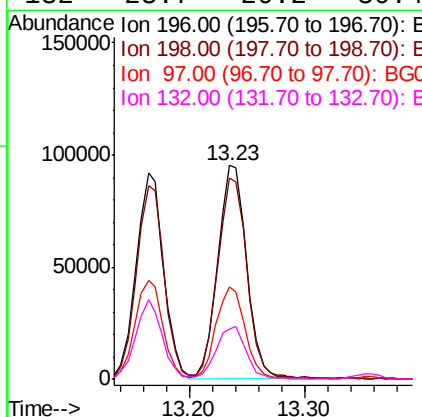
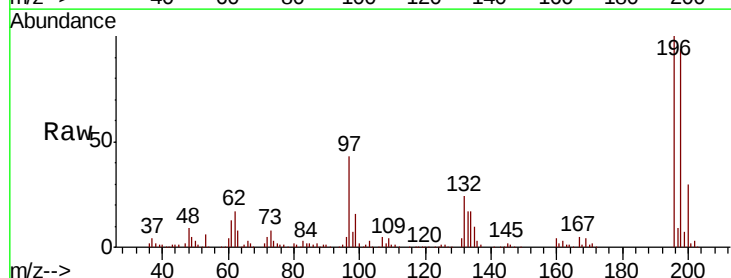
Instrument :
 BNA_G
 ClientSampleId :
 PB114425BSD

Tot Ion:196 Resp: 152084
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.4 114.6
 200 31.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.790 ng
 RT: 13.23 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Tgt Ion:196 Resp: 164524
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.2 111.2
 97 43.2 34.1 51.1
 132 23.7 20.2 30.4

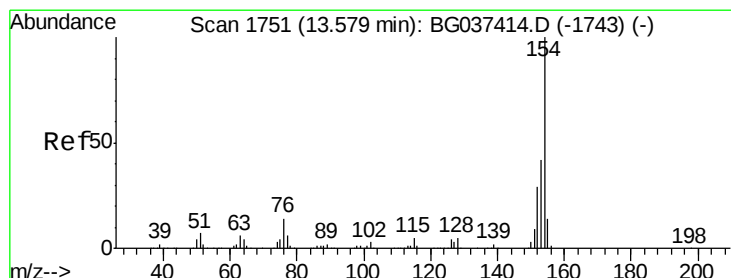
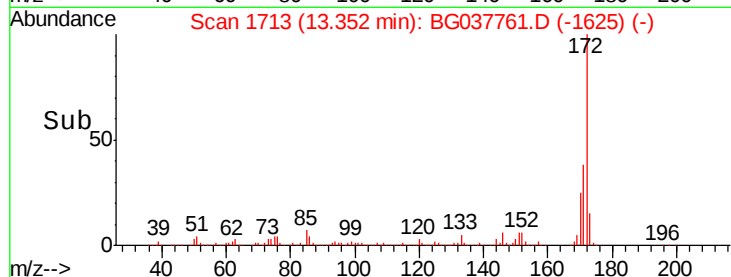
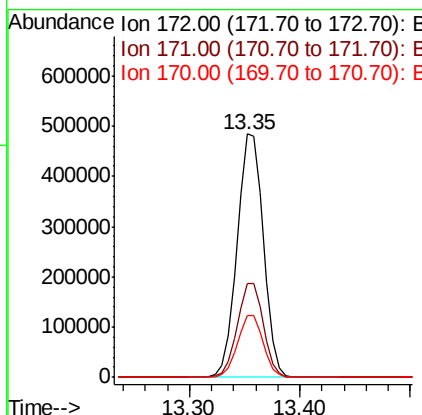
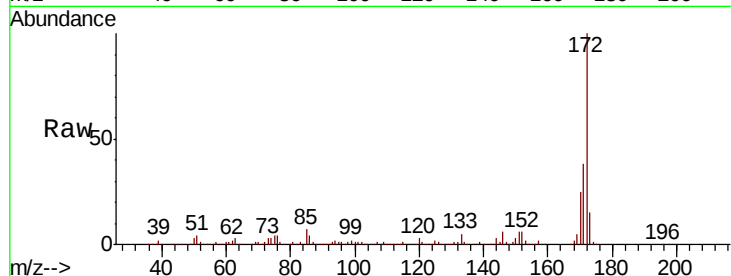




#45
 2-Fluorobiphenyl
 Concen: 74.624 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

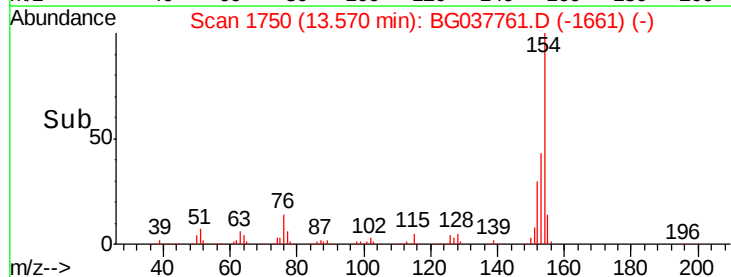
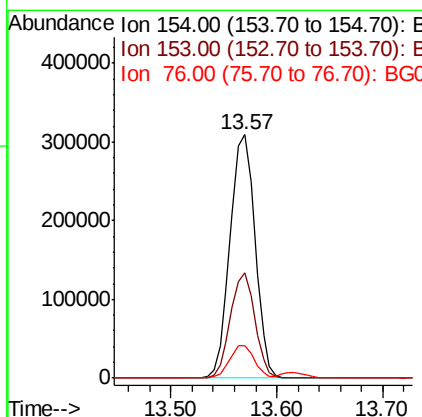
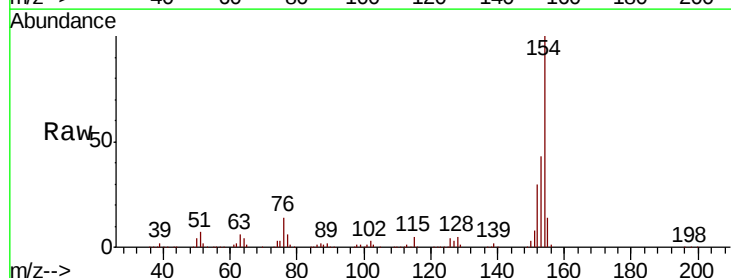
Instrument :
 BNA_G
 ClientSampleId :
 PB114425BSD

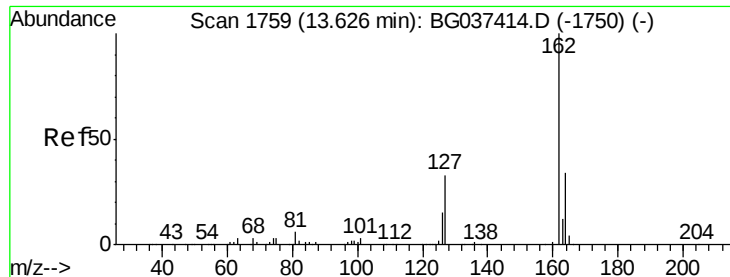
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.4	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 37.208 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.1	62.1
76	13.5	0.0	33.2

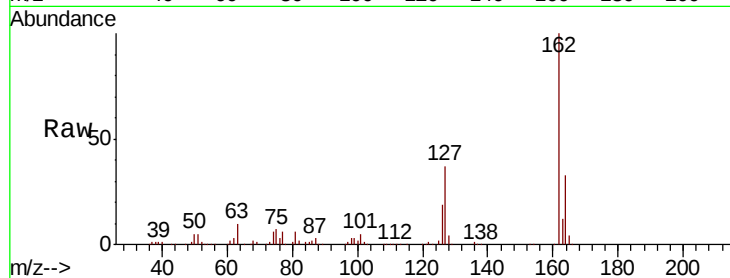




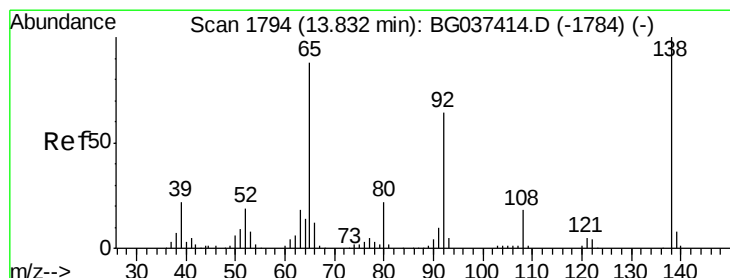
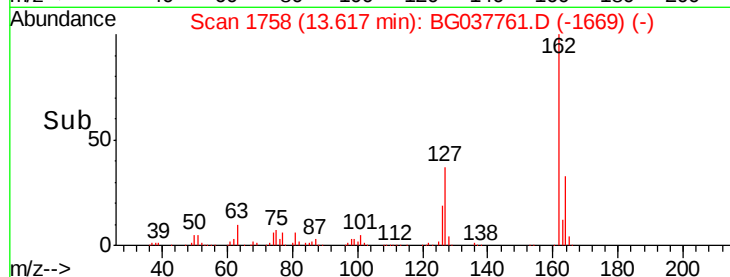
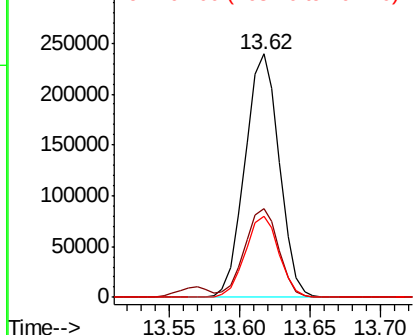
#47
2-Chloronaphthalene
Concen: 39.793 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.5	45.7
164	33.1	26.4	39.6

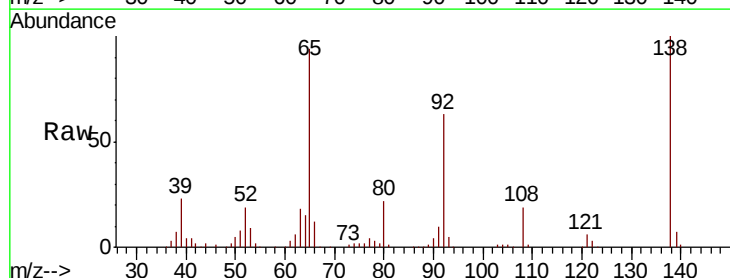


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

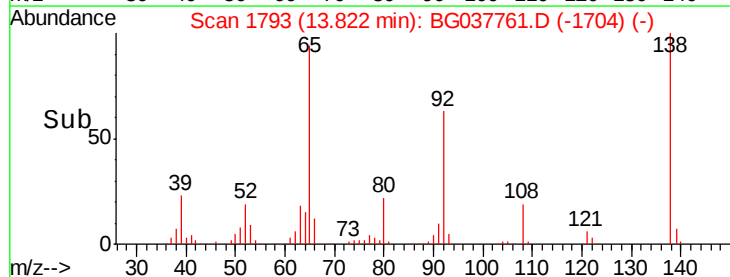
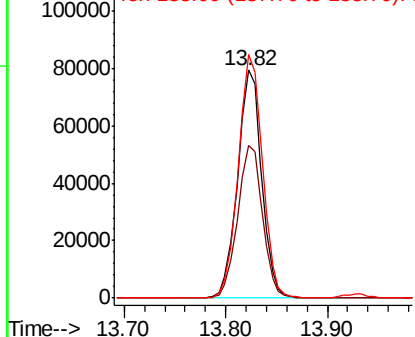


#48
2-Nitroaniline
Concen: 42.048 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	53.2	79.8
138	106.8	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.117 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

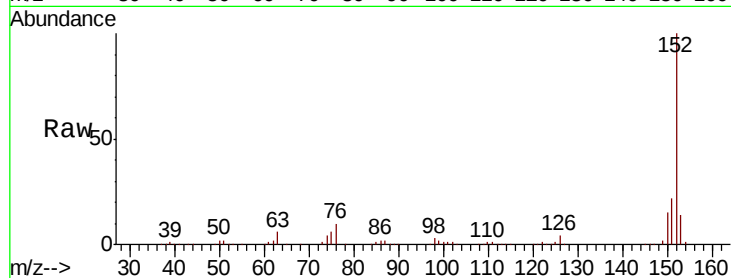
Tot Ion:152 Resp: 665957

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

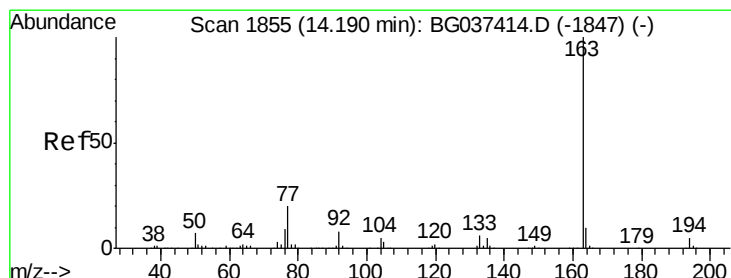
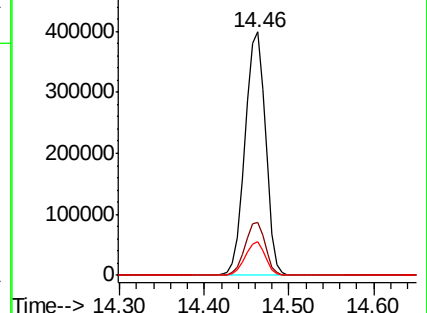
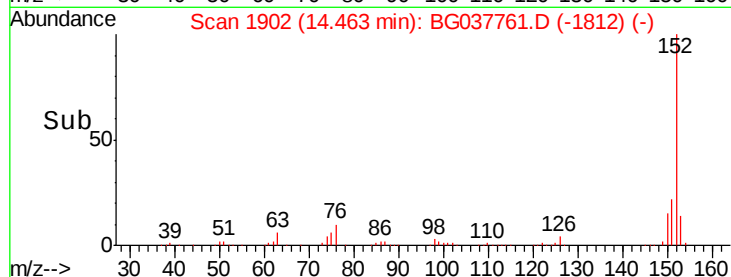
153 13.8 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.606 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

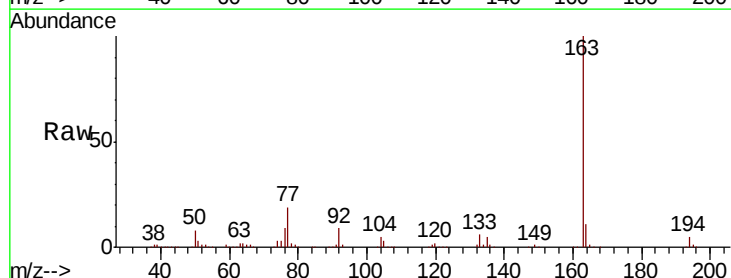
Tgt Ion:163 Resp: 514798

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

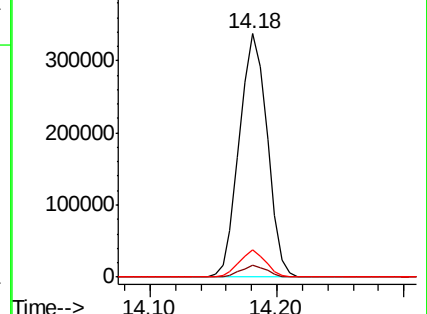
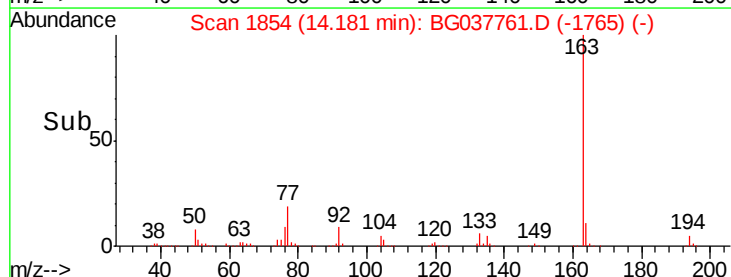
164 11.0 8.5 12.7

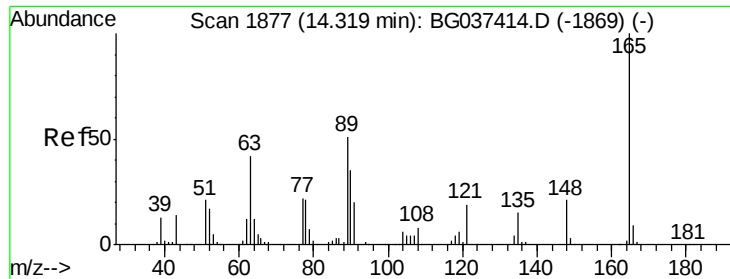


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

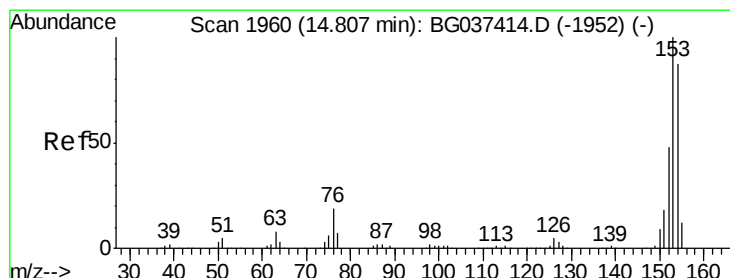
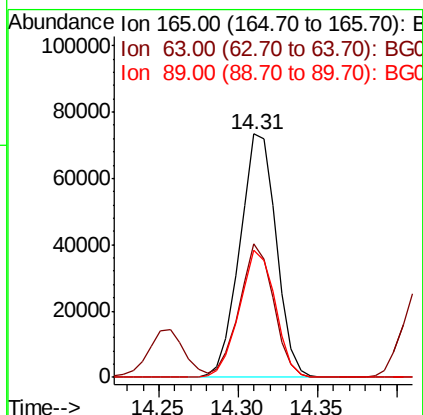
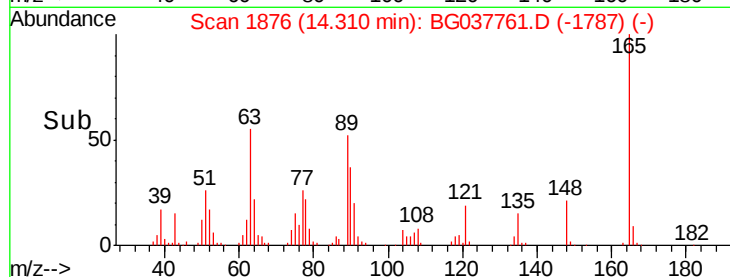
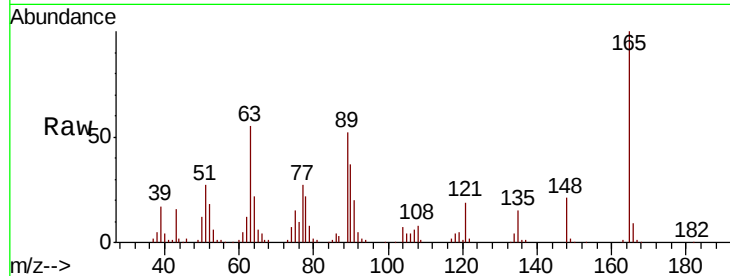




#51
 2,6-Dinitrotoluene
 Concen: 41.702 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

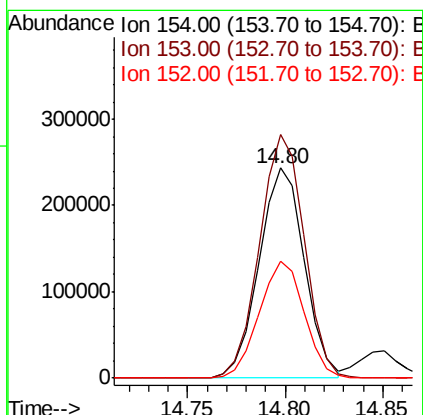
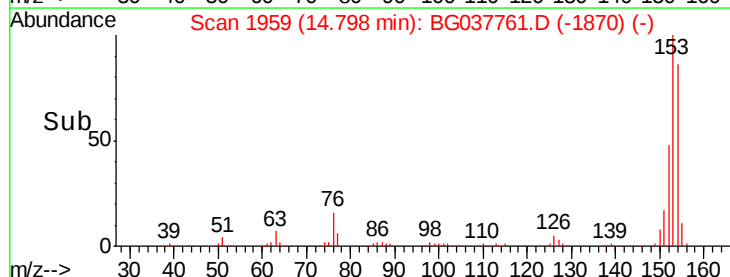
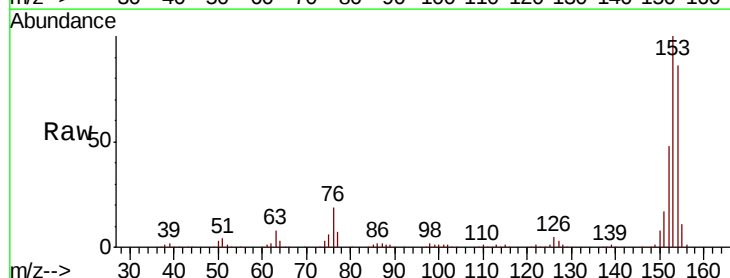
Instrument :
 BNA_G
 ClientSampleID :
 PB114425BSD

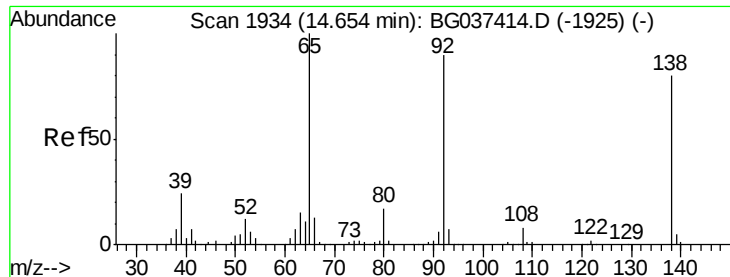
Tot Ion:165 Resp: 116955
 Ion Ratio Lower Upper
 165 100
 63 54.7 43.4 65.2
 89 52.0 45.8 68.6



#52
 Acenaphthene
 Concen: 41.096 ng
 RT: 14.80 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Tgt Ion:154 Resp: 390912
 Ion Ratio Lower Upper
 154 100
 153 115.8 93.4 140.0
 152 55.4 44.7 67.1





#53

3-Nitroaniline

Concen: 31.729 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

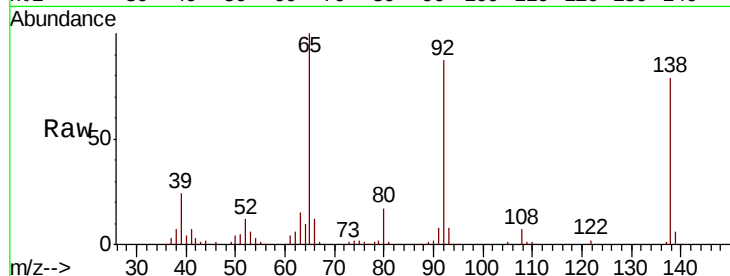
Tot Ion:138 Resp: 98787

Ion Ratio Lower Upper

138 100

108 9.5 11.0 16.6#

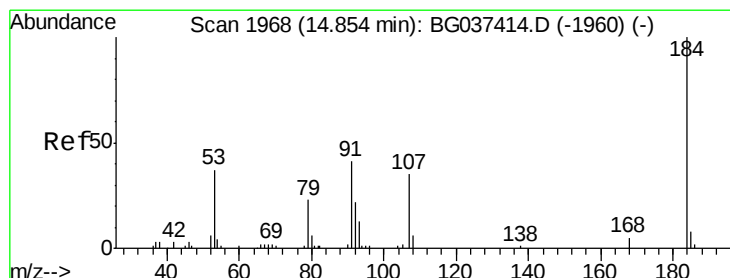
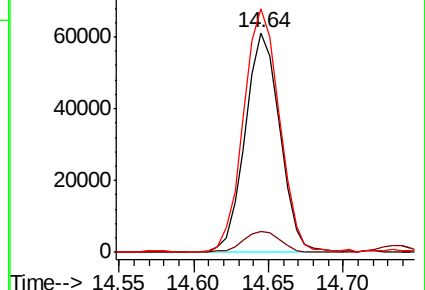
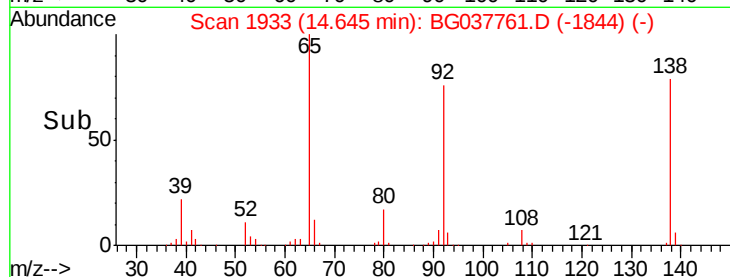
92 110.9 95.2 142.8



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: 76.630 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

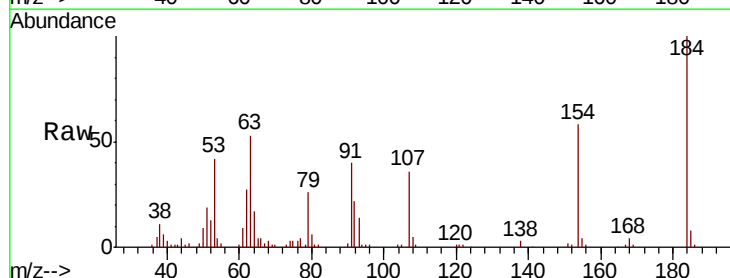
Tgt Ion:184 Resp: 92732

Ion Ratio Lower Upper

184 100

63 53.2 42.6 63.8

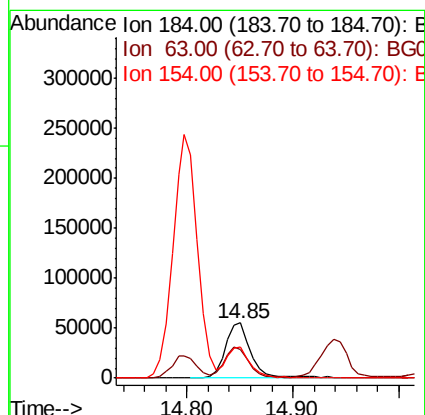
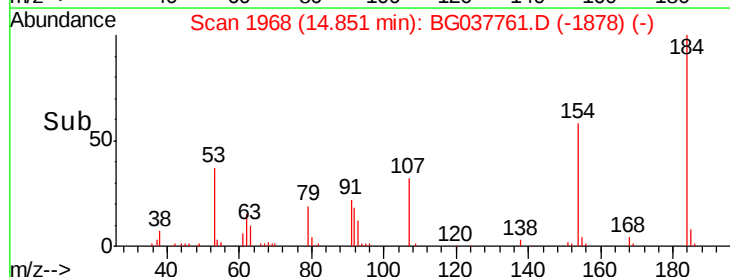
154 57.6 41.8 62.6

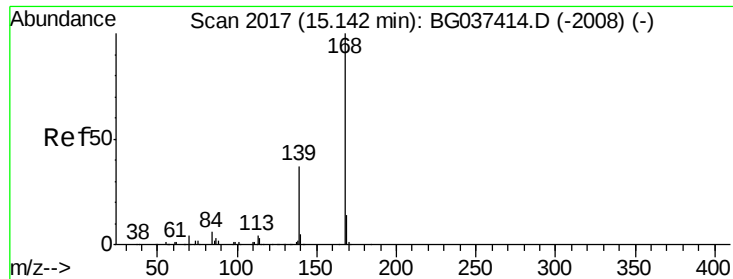


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

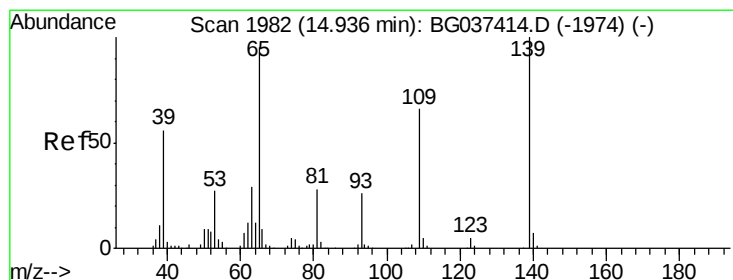
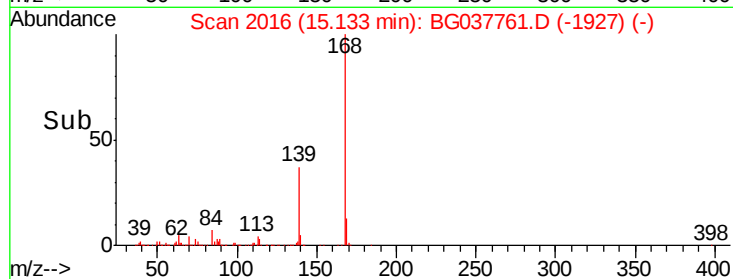
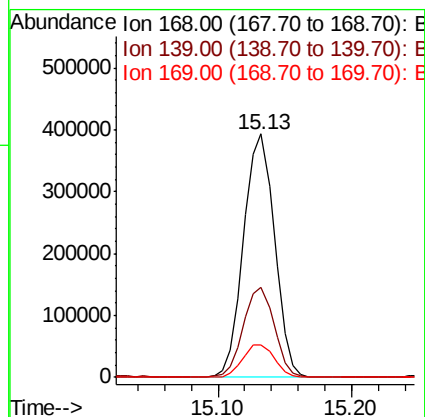
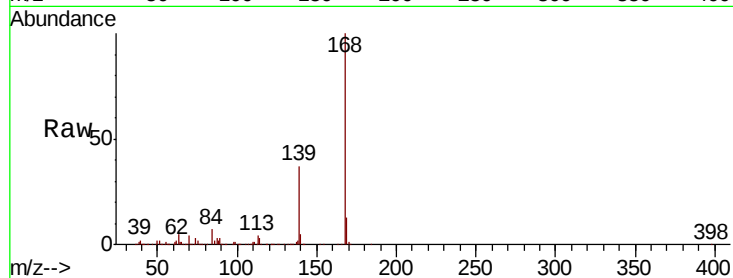




#55
Dibenzofuran
Concen: 39.970 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

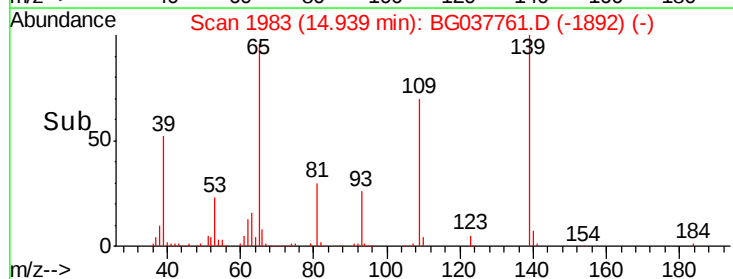
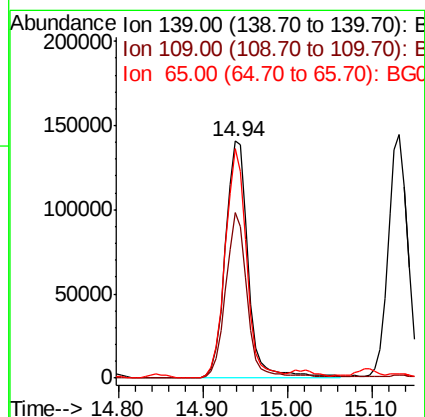
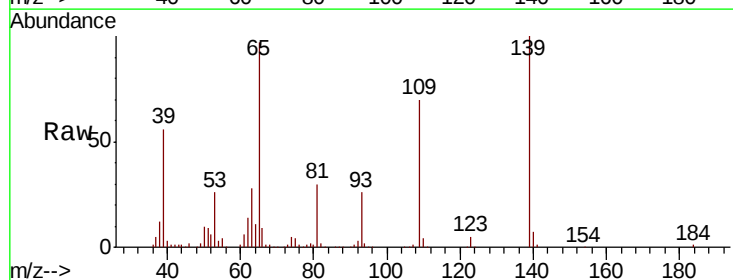
Instrument :
BNA_G
ClientSampleId :
PB114425BSD

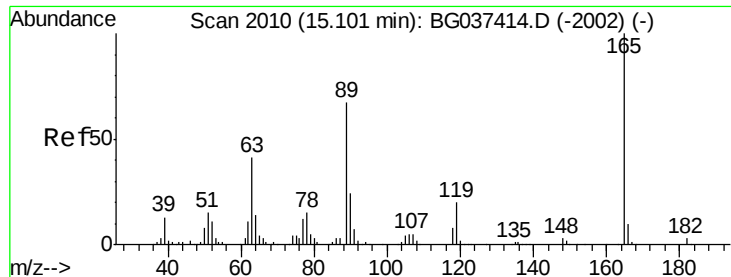
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.4	44.0
169	13.5	11.0	16.6



#56
4-Nitrophenol
Concen: 114.066 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.8	49.5	89.5
65	96.9	76.8	116.8

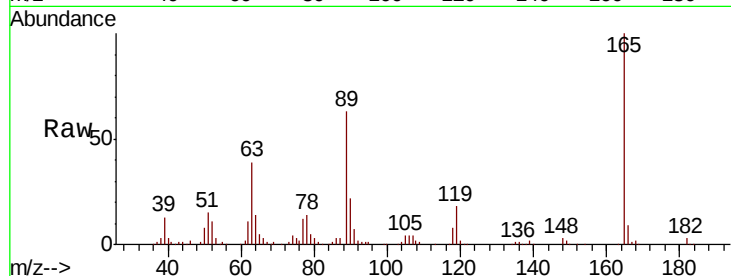




#57
2,4-Dinitrotoluene
Concen: 44.741 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.8	33.4	50.0
89	63.2	57.2	85.8
182	3.0	2.6	4.0



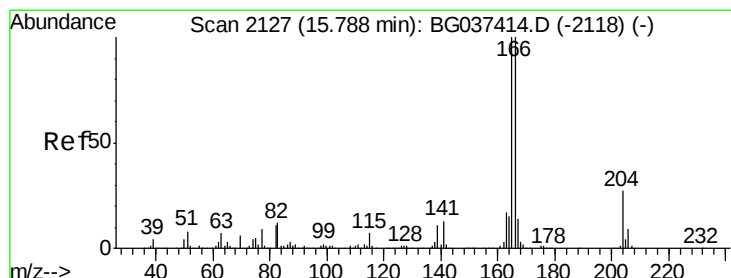
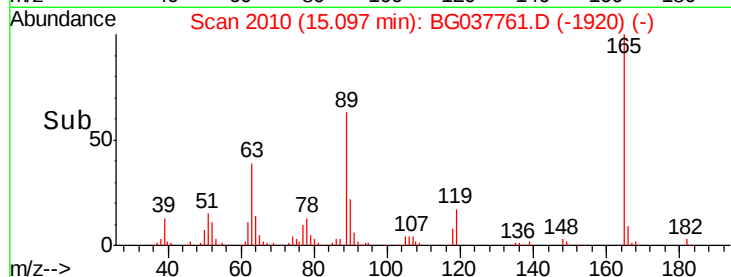
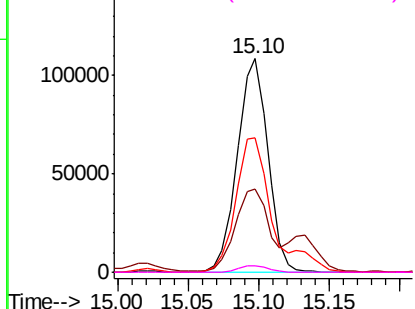
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

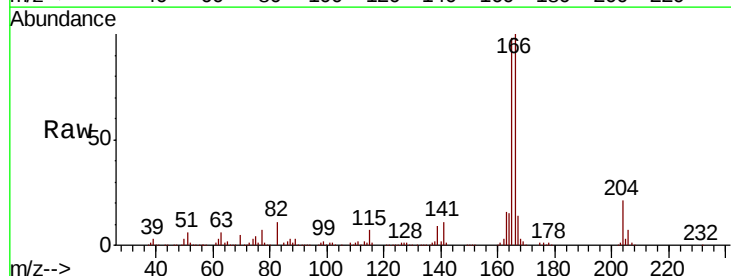
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.161 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	14.3	11.3	16.9

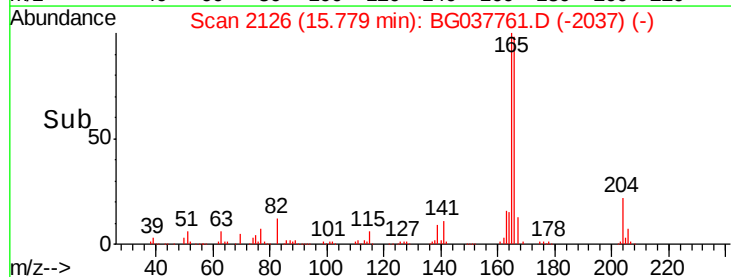
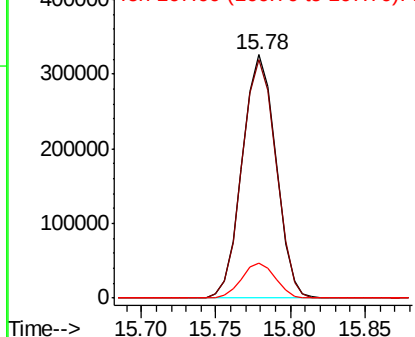


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

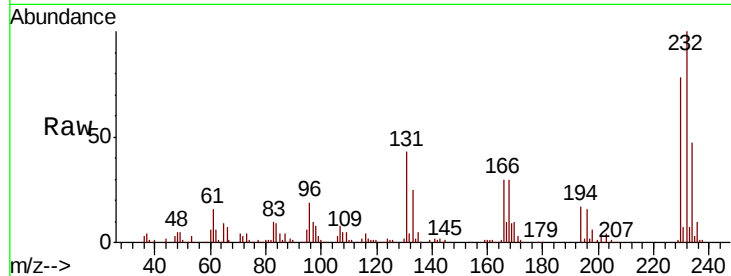




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.203 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB114425BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.7	50.5
130	2.5	2.1	3.1
166	31.3	24.6	36.8



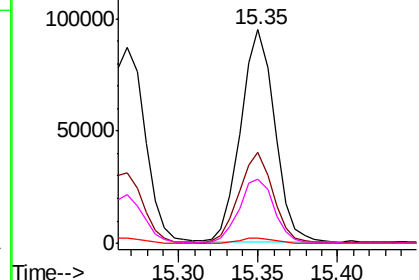
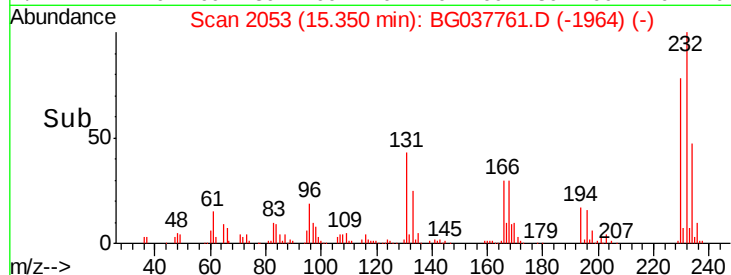
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

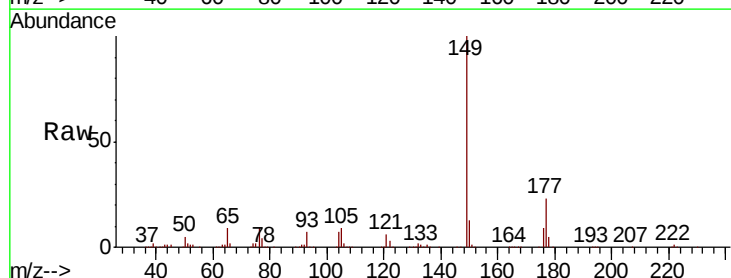
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.678 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	13.3	10.0	15.0

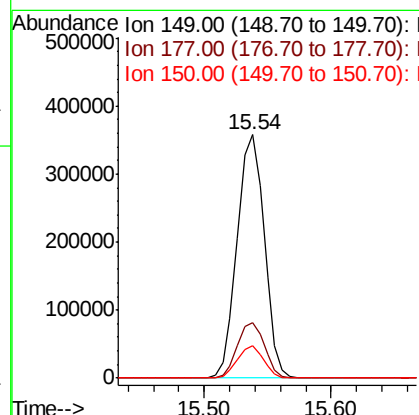
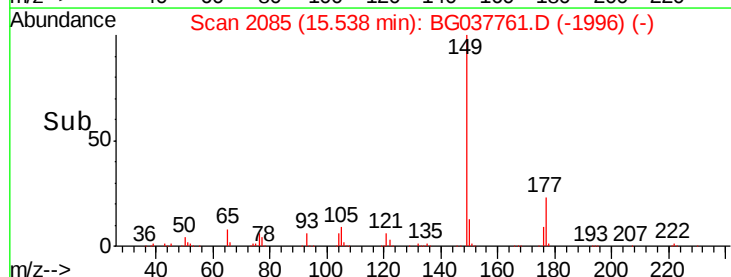


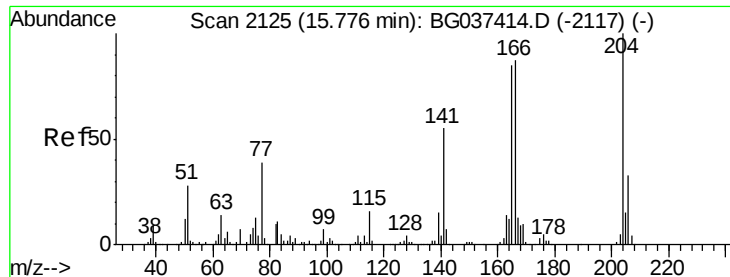
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

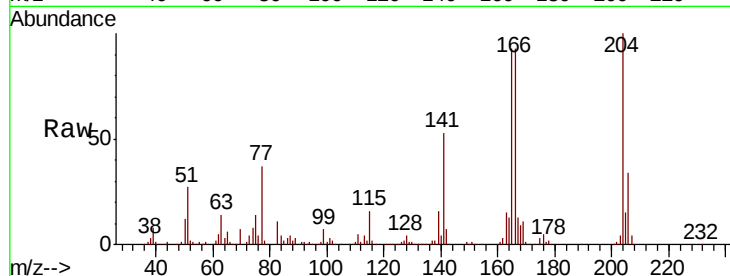




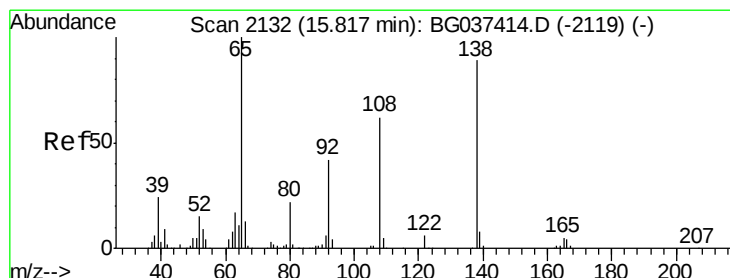
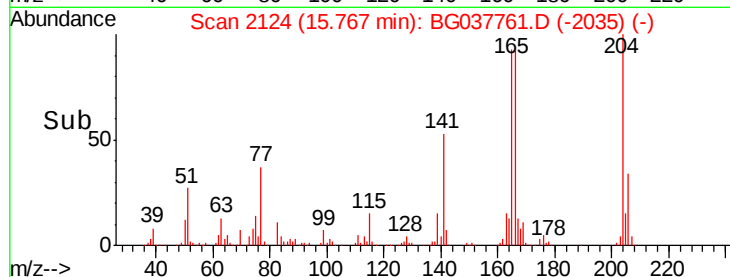
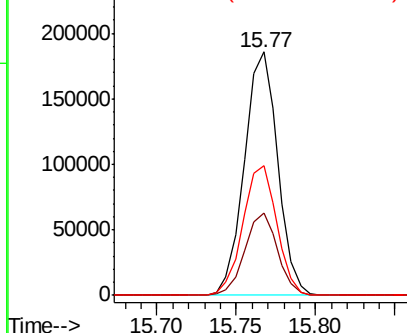
#61
4-Chlorophenyl-phenylether
Concen: 39.479 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleID :
PB114425BSD

Tot Ion:204 Resp: 271576
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 53.1 45.4 68.2

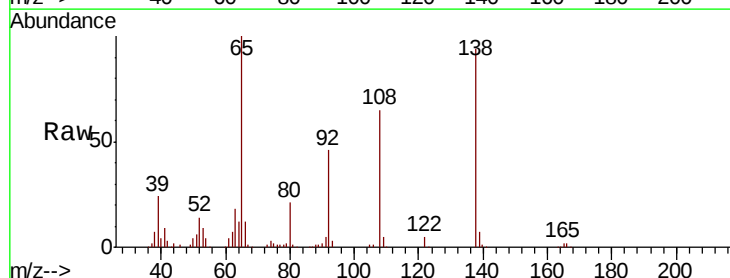


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

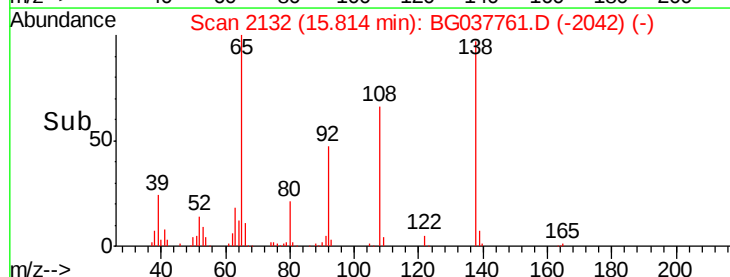
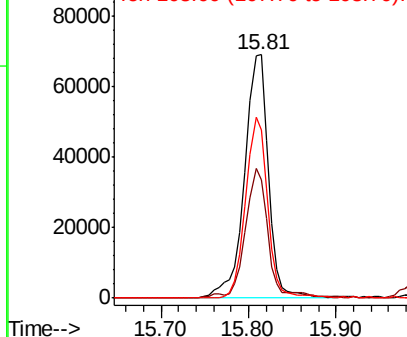


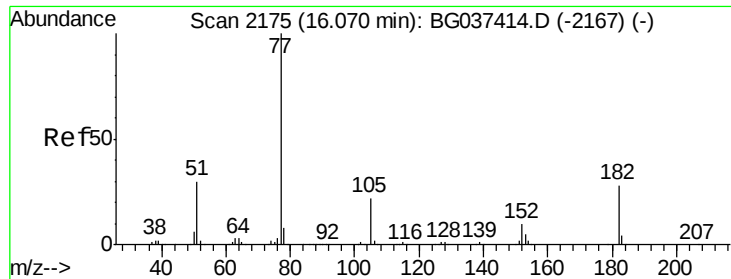
#62
4-Nitroaniline
Concen: 41.000 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion:138 Resp: 126845
Ion Ratio Lower Upper
138 100
92 48.8 36.4 76.4
108 69.0 60.1 100.1



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

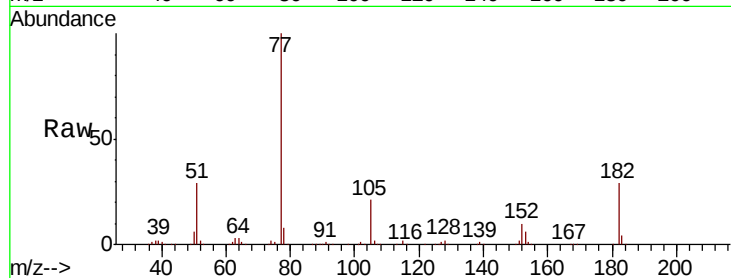




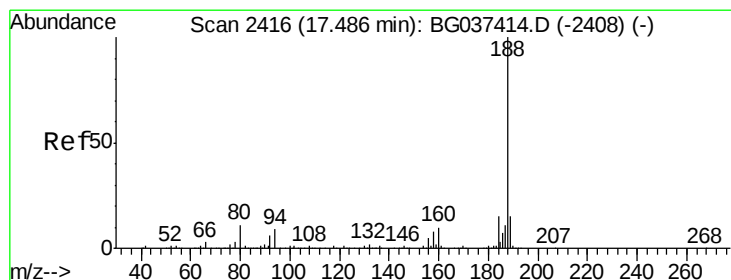
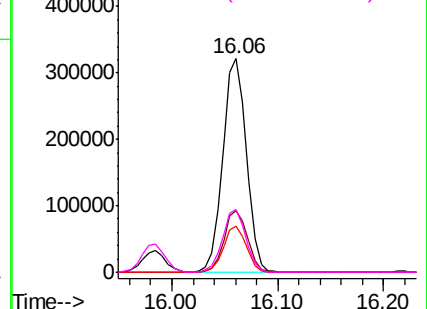
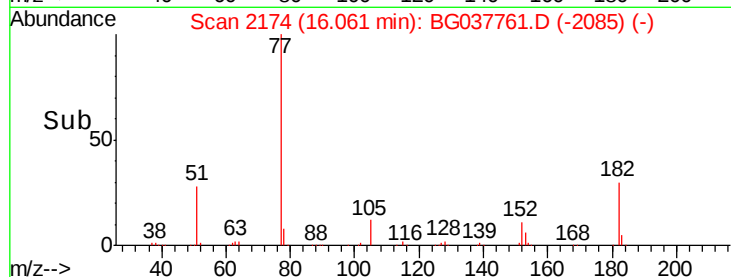
#63
Azobenzene
Concen: 40.223 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.0	48.0
105	21.5	1.3	41.3
51	29.1	10.7	50.7

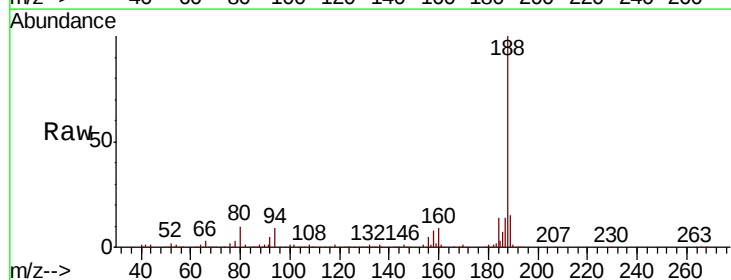


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

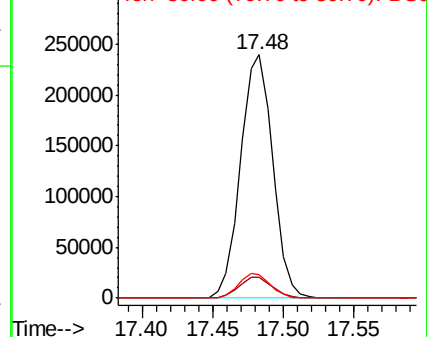
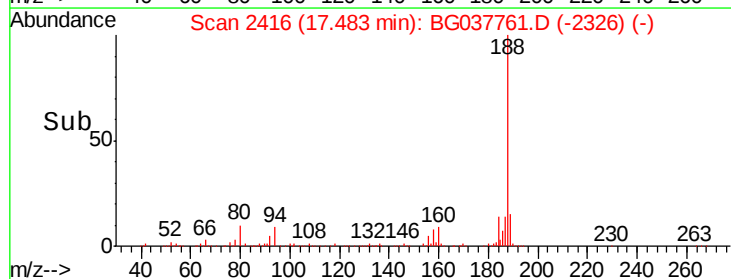


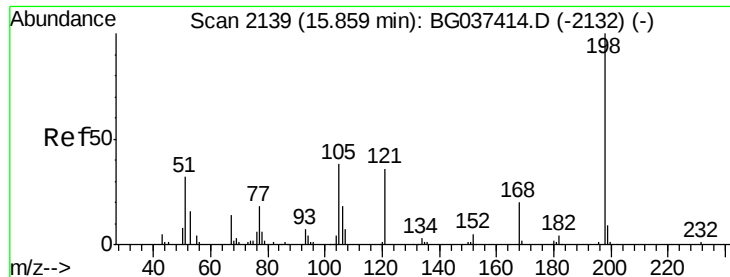
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

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

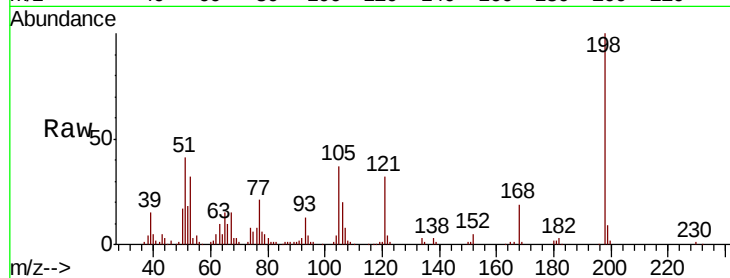




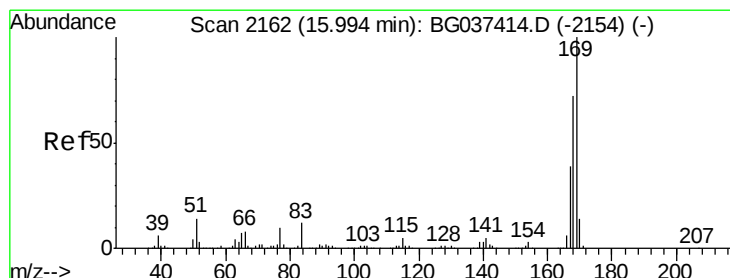
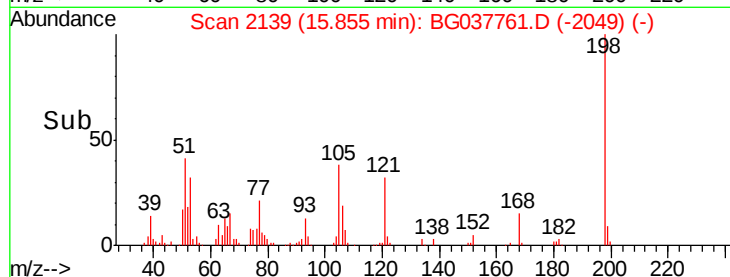
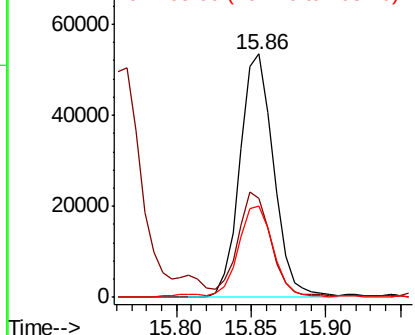
#65
4,6-Dinitro-2-methylphenol
Concen: 43.078 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Tot Ion:198 Resp: 84066
Ion Ratio Lower Upper
198 100
51 40.8 22.7 62.7
105 37.3 19.7 59.7

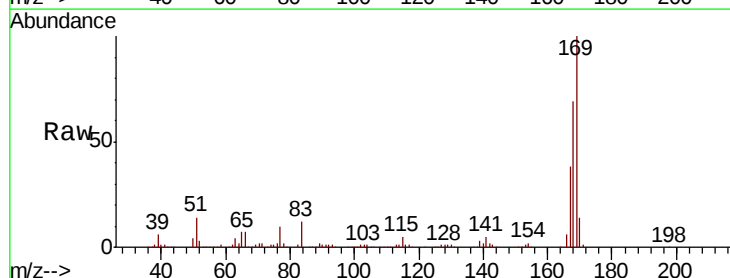


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

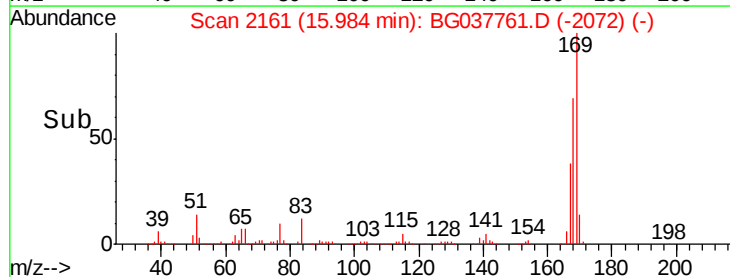
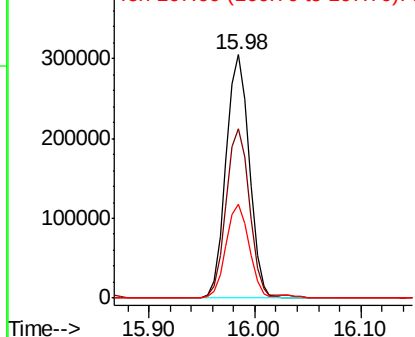


#66
n-Nitrosodiphenylamine
Concen: 40.521 ng
RT: 15.98 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion:169 Resp: 464719
Ion Ratio Lower Upper
169 100
168 69.5 55.7 83.5
167 38.3 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

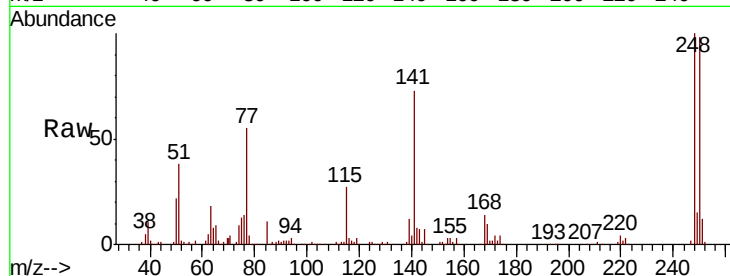




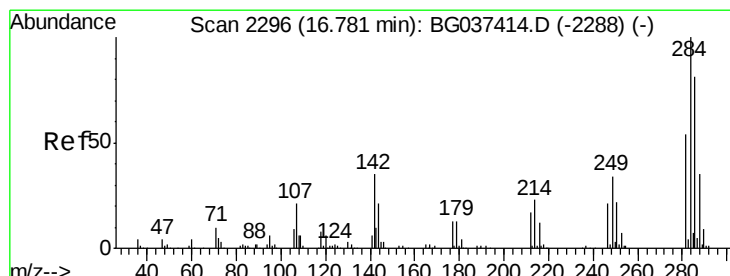
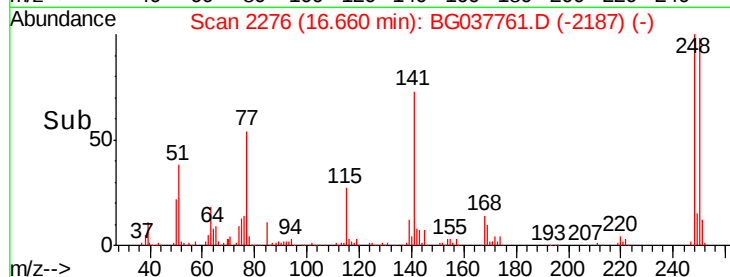
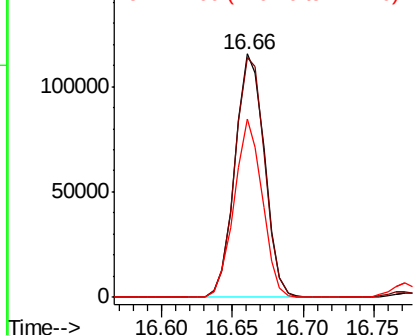
#67
 4-Bromophenyl-phenylether
 Concen: 40.230 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB114425BSD

Tot Ion:248 Resp: 168444
 Ion Ratio Lower Upper
 248 100
 250 98.5 77.0 115.6
 141 73.2 55.5 83.3

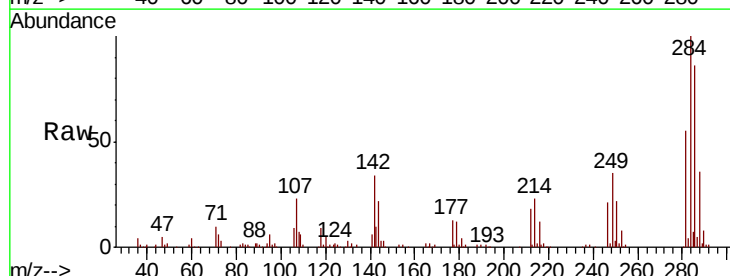


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

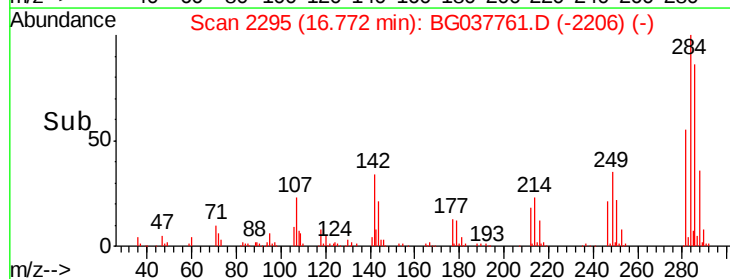
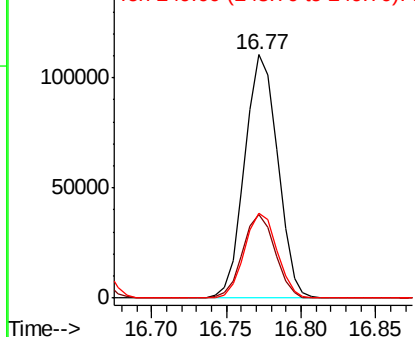


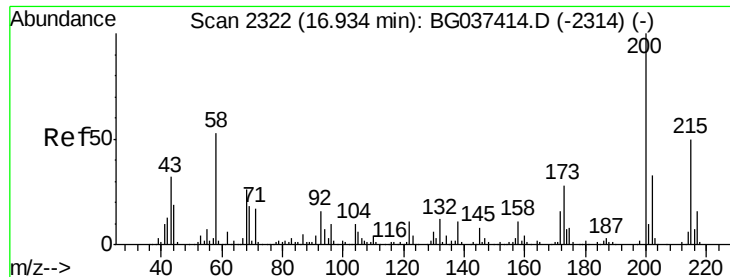
#68
 Hexachlorobenzene
 Concen: 38.970 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037761.D
 Acq: 2 Nov 2018 19:19

Tgt Ion:284 Resp: 169109
 Ion Ratio Lower Upper
 284 100
 142 34.1 28.1 42.1
 249 37.5 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: 41.097 ng

RT: 16.92 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

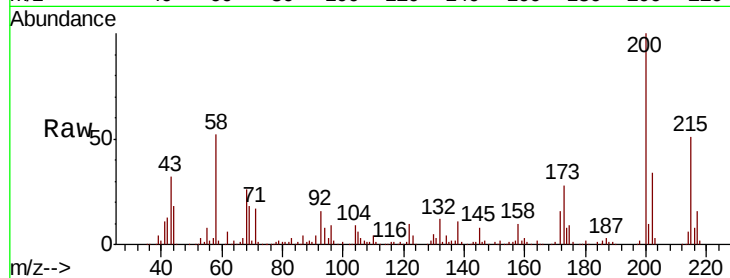
Tot Ion:200 Resp: 170412

Ion Ratio Lower Upper

200 100

173 28.2 6.1 46.1

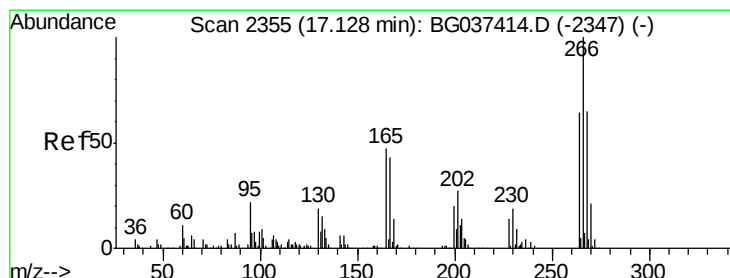
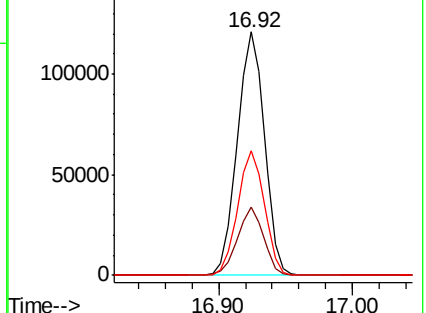
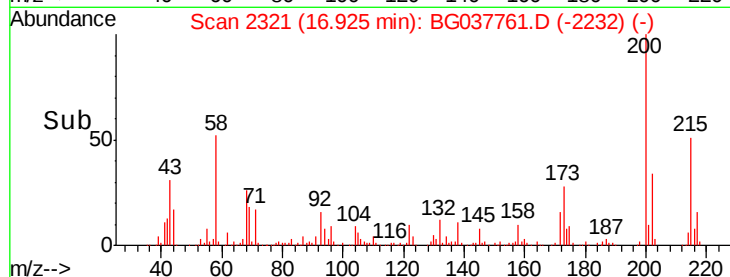
215 51.2 30.8 70.8



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: 68.137 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

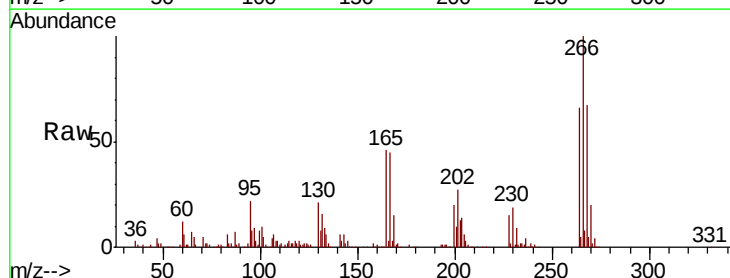
Tgt Ion:266 Resp: 198054

Ion Ratio Lower Upper

266 100

268 71.6 55.0 82.6

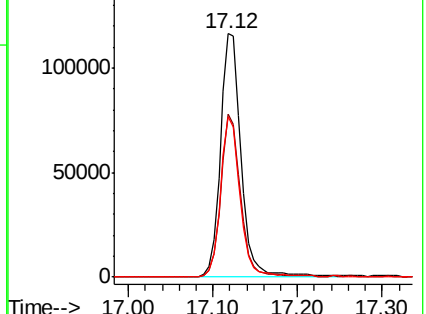
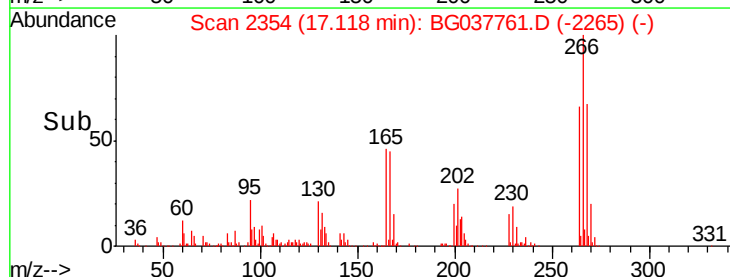
264 71.2 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

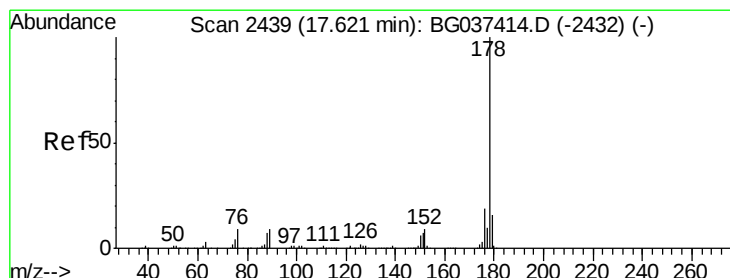
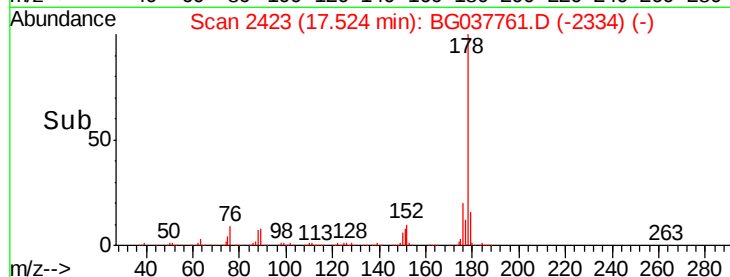
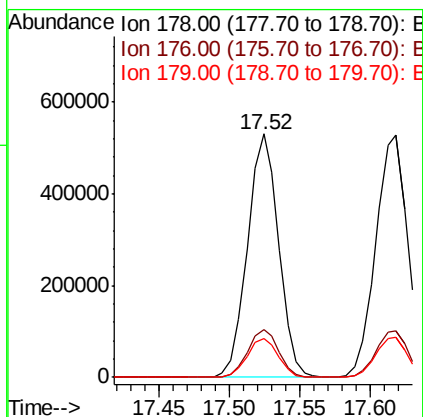
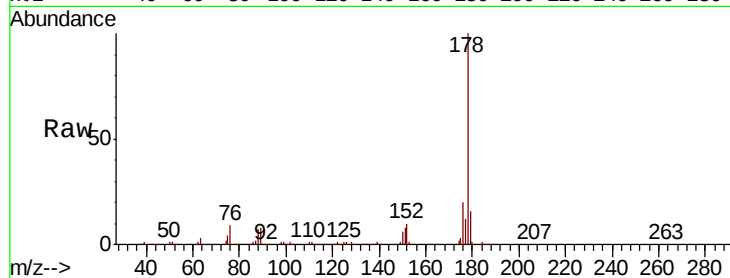




#71
Phenanthrene
Concen: 42.326 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

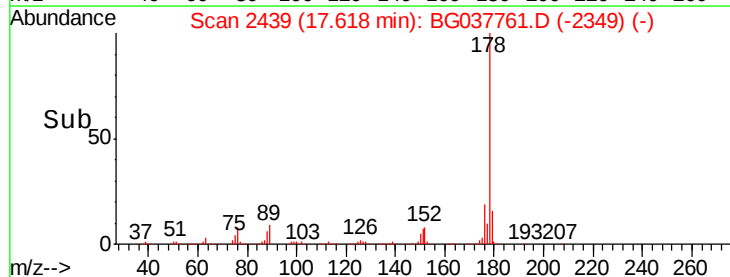
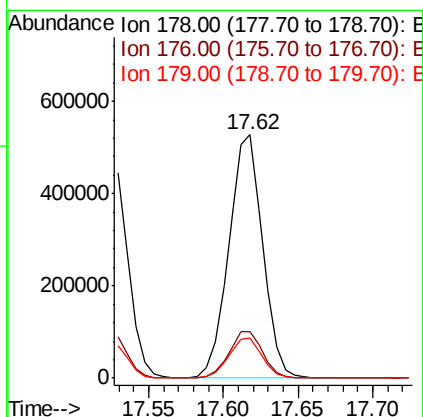
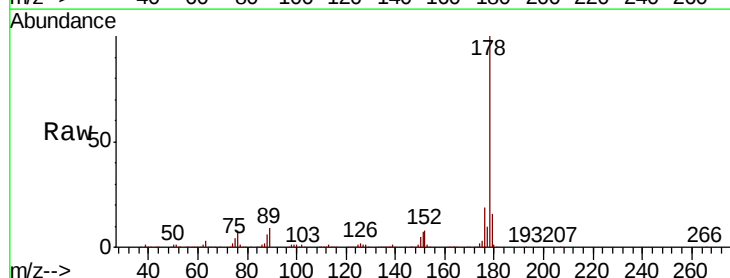
Instrument :
BNA_G
ClientSampleId :
PB114425BSD

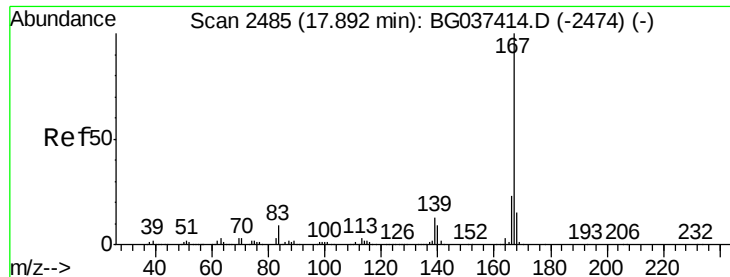
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.1	24.1
179	15.9	13.0	19.4



#72
Anthracene
Concen: 43.656 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	16.3	12.8	19.2





#73

Carbazole

Concen: 39.729 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

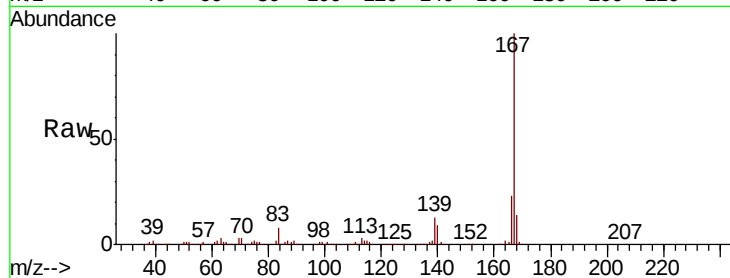
Tot Ion:167 Resp: 755726

Ion Ratio Lower Upper

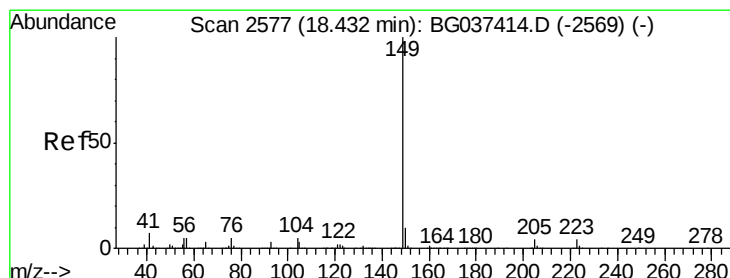
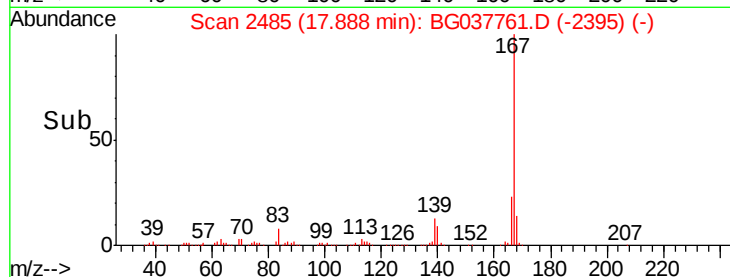
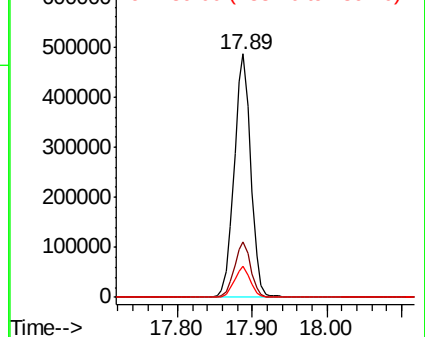
167 100

166 22.6 18.3 27.5

139 12.7 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 41.806 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

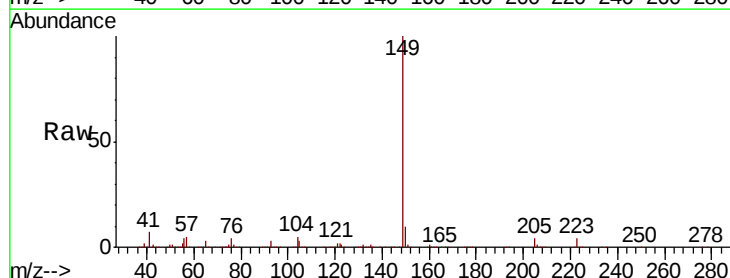
Tgt Ion:149 Resp: 884614

Ion Ratio Lower Upper

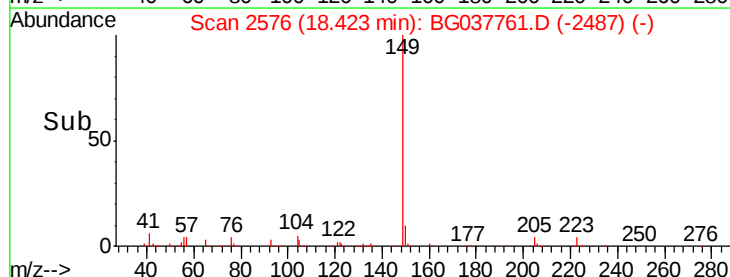
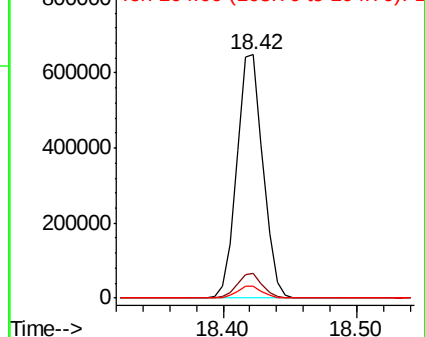
149 100

150 9.9 8.2 12.2

104 4.8 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: 42.913 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

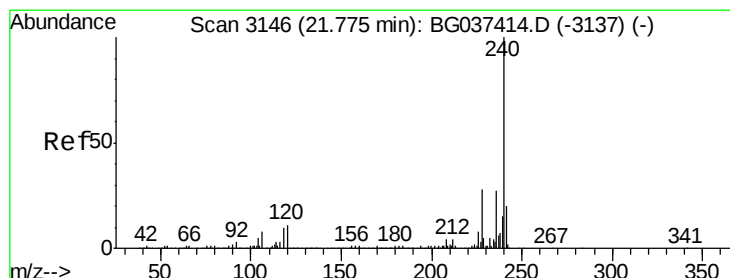
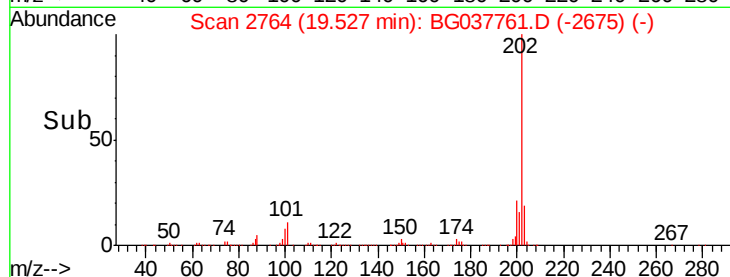
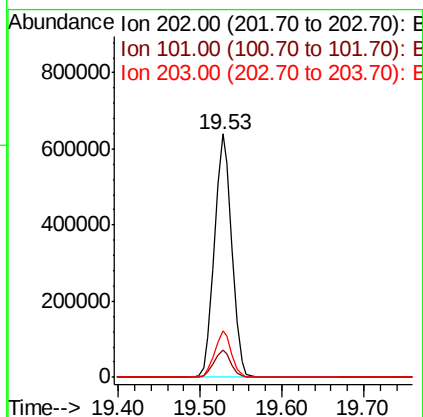
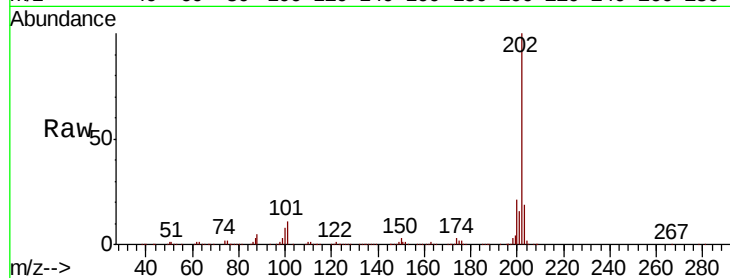
Instrument :

BNA_G

ClientSampleId :

PB114425BSD

Tot Ion:	202	Resp:	943127
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.7
203	19.0	0.0	38.5



#76

Chrysene-d12

Concen: 20.000 ng

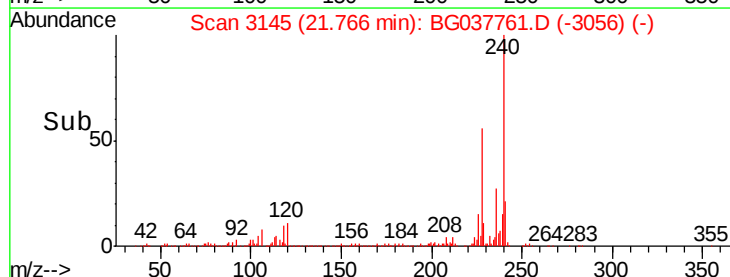
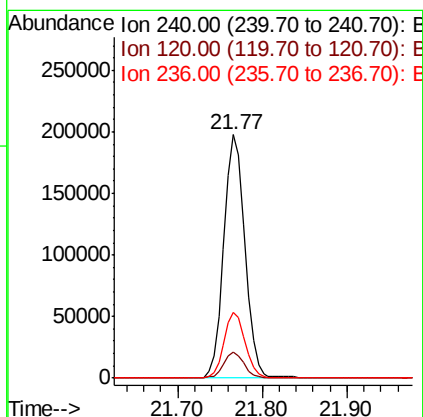
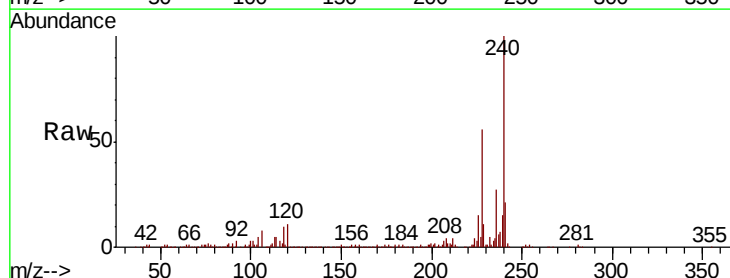
RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Tgt Ion:	240	Resp:	342498
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.2	21.4	32.0





#77

Benzidine

Concen: 33.717 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

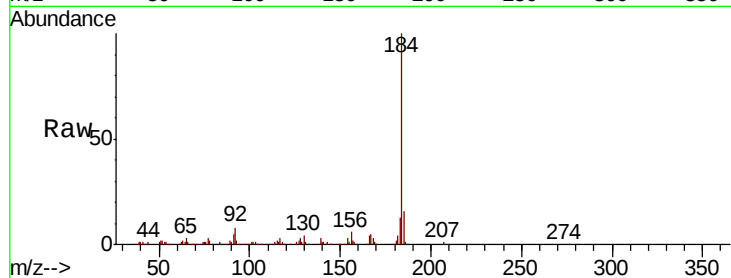
Tot Ion:184 Resp: 392661

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

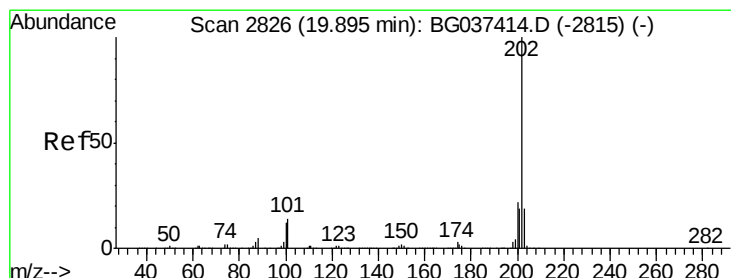
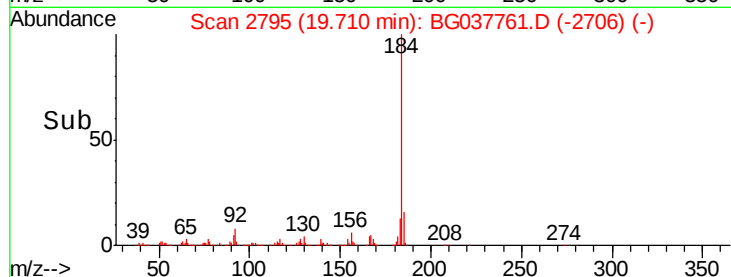
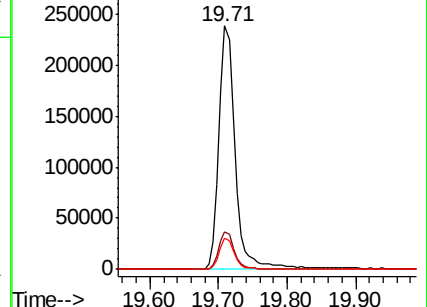
183 12.5 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.864 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

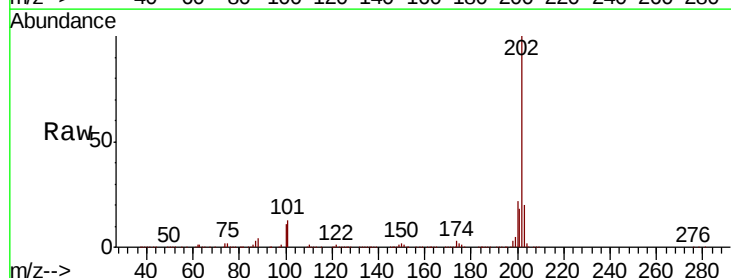
Tgt Ion:202 Resp: 937323

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

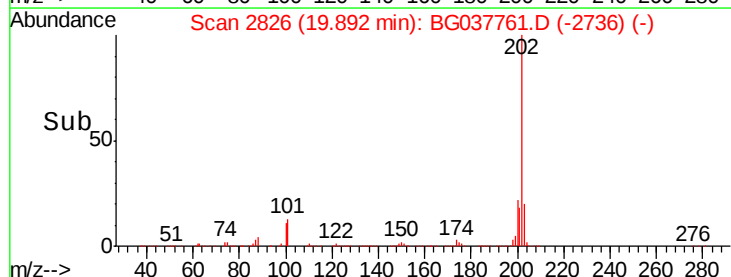
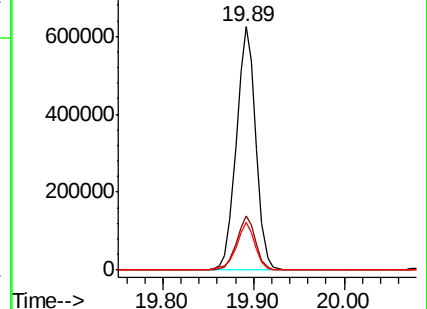
203 19.5 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.769 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

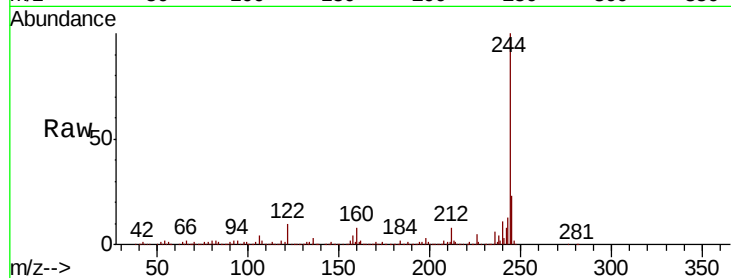
Tot Ion:244 Resp: 1182435

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

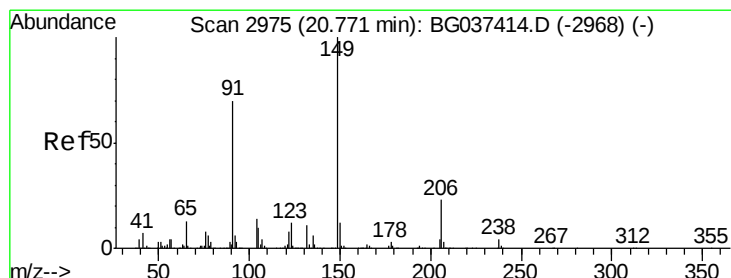
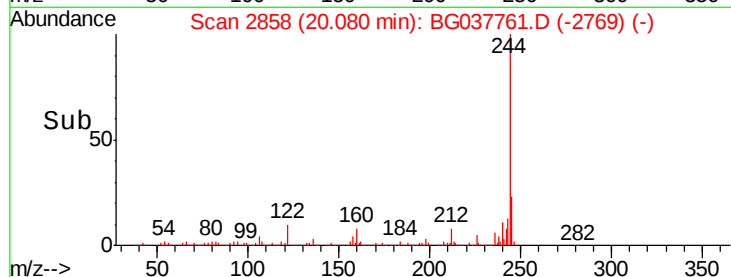
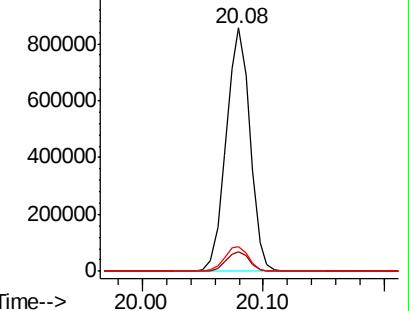
122 10.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.867 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

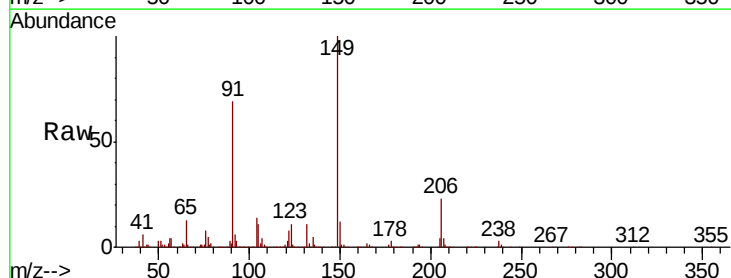
Tgt Ion:149 Resp: 401964

Ion Ratio Lower Upper

149 100

91 68.7 57.0 85.4

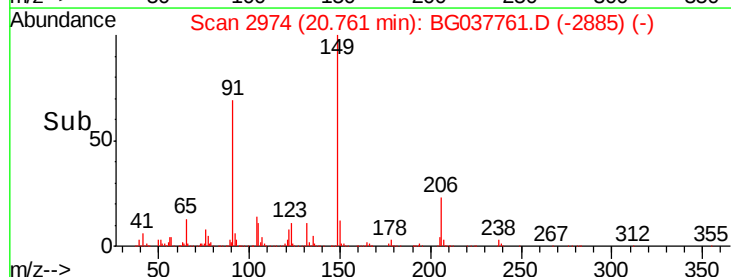
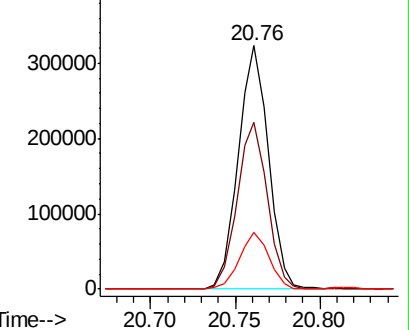
206 23.2 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.257 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

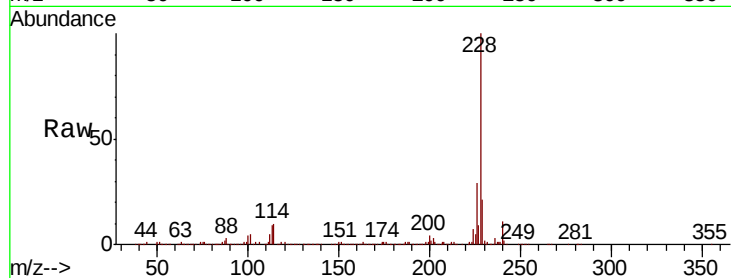
Tot Ion:228 Resp: 876311

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.7	16.3	24.5

228 100

226 29.2 22.6 33.8

229 20.7 16.3 24.5

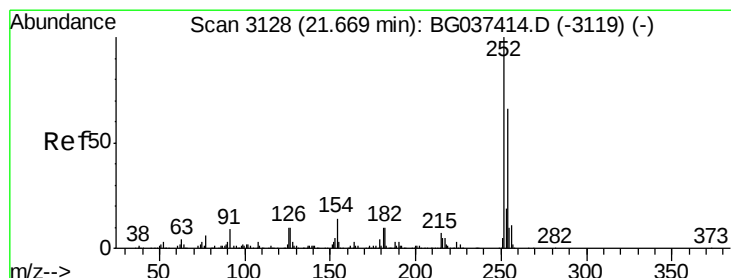
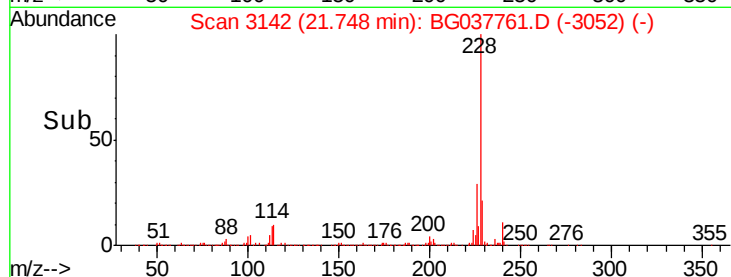
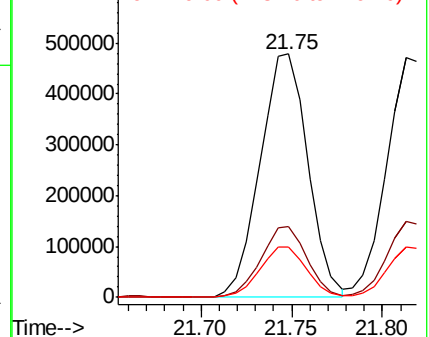


Abundance

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: 30.816 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

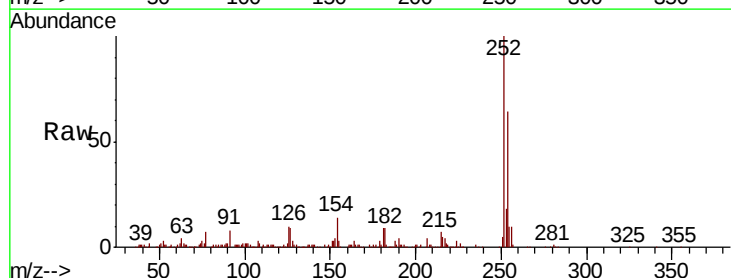
Tgt Ion:252 Resp: 241980

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.0	78.0
126	10.5	8.2	12.4

252 100

254 64.3 52.0 78.0

126 10.5 8.2 12.4

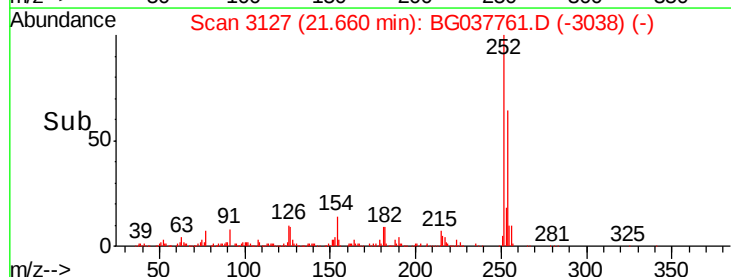
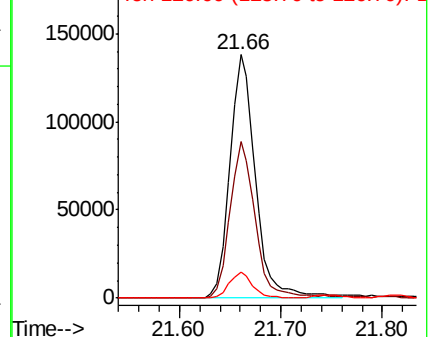


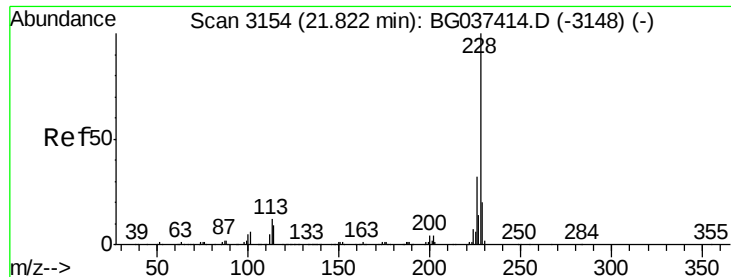
Abundance

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: 42.285 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

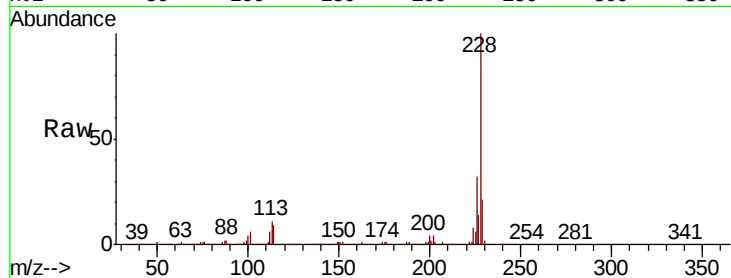
BNA_G

ClientSampleId :

PB114425BSD

Tot Ion:228 Resp: 823712

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.7	38.5
229	21.1	16.5	24.7

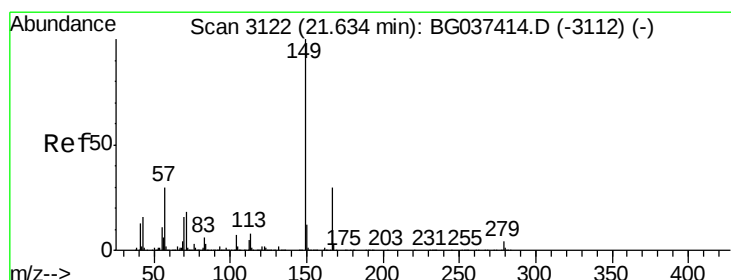
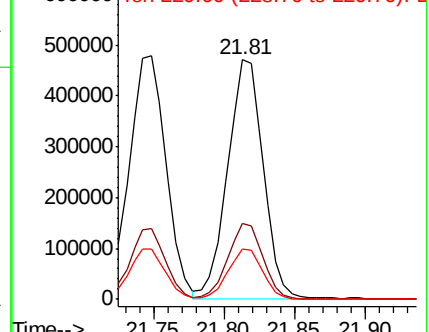
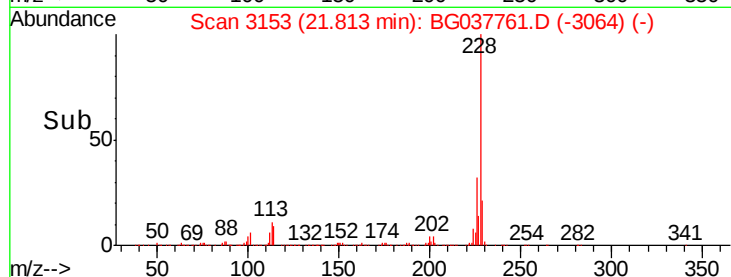


Abundance

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: 44.324 ng

RT: 21.62 min Scan# 3120

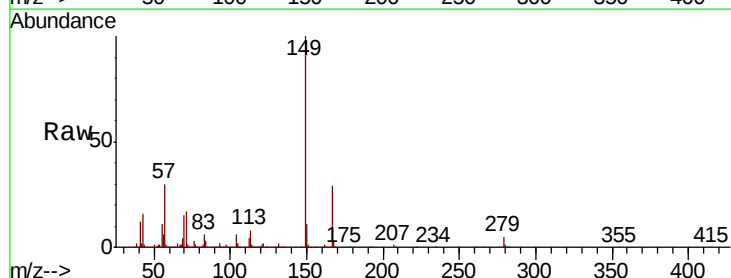
Delta R.T. -0.02 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Tgt Ion:149 Resp: 569301

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.0	34.4
279	4.5	3.6	5.4

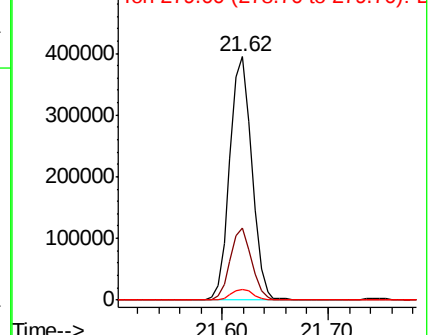
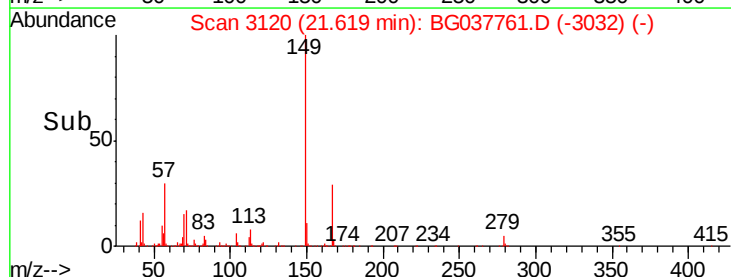


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.131 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

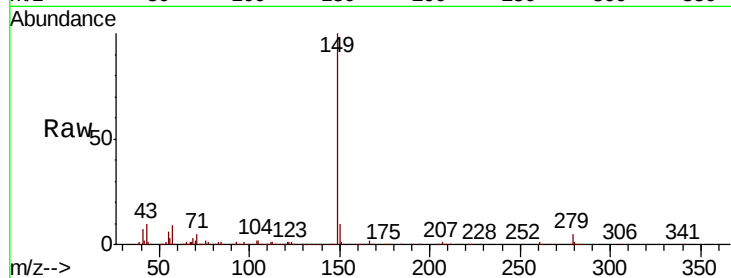
Tot Ion:149 Resp: 945246

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

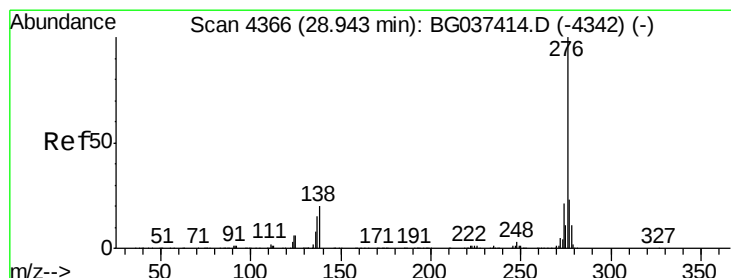
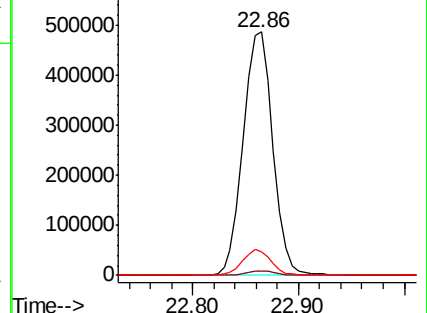
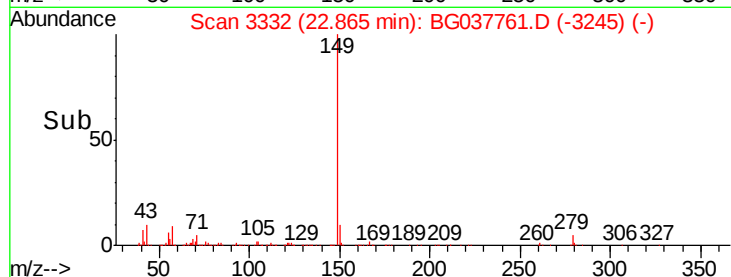
43 9.9 8.7 13.1



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: 37.877 ng

RT: 28.92 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

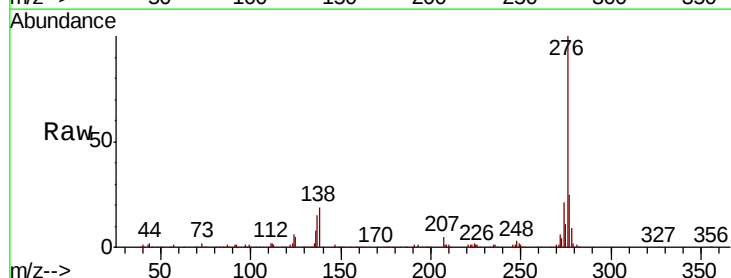
Tgt Ion:276 Resp: 791377

Ion Ratio Lower Upper

276 100

138 14.5 12.0 18.0

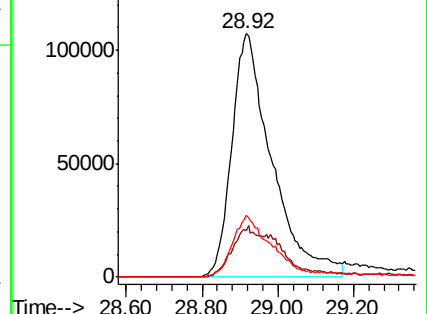
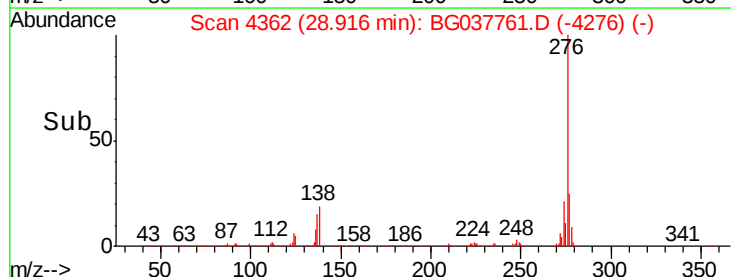
277 24.3 20.6 30.8

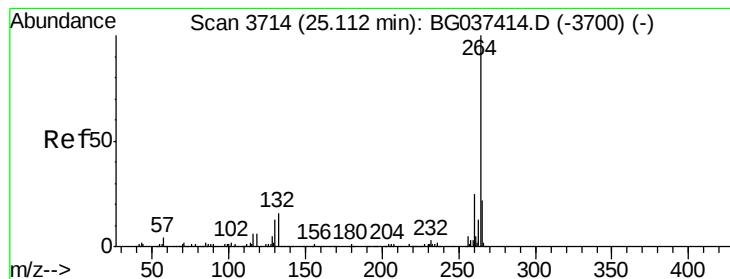


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

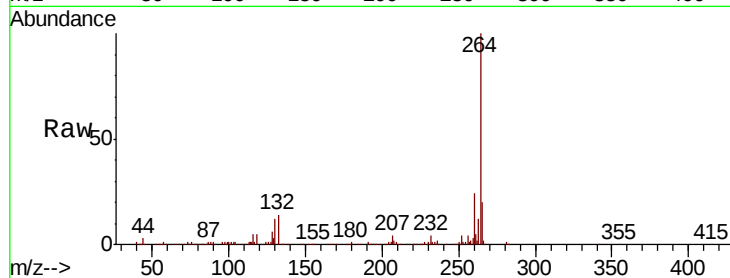
Tot Ion:264 Resp: 352368

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 20.5 17.9 26.9

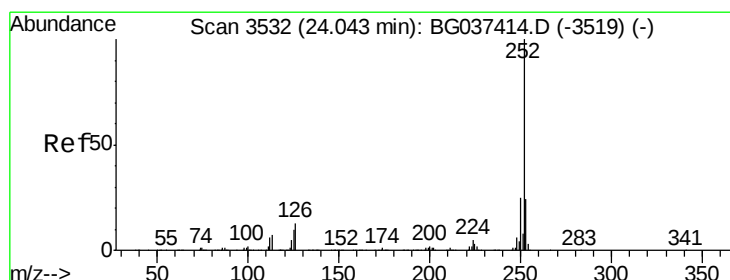
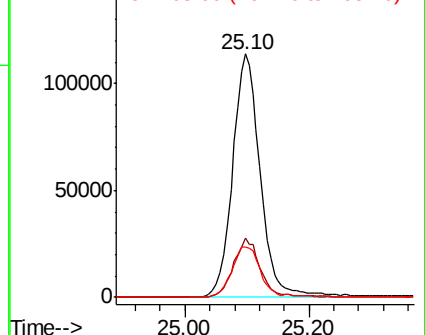
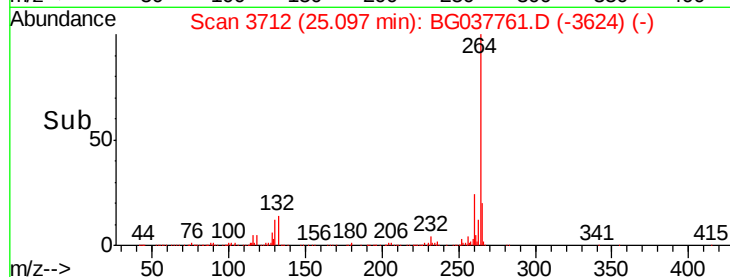


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.734 ng

RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

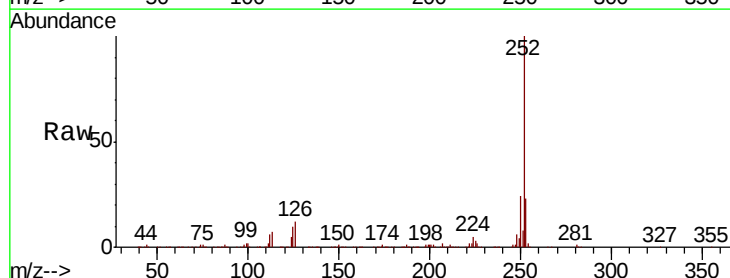
Tgt Ion:252 Resp: 825546

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 9.9 7.8 11.6

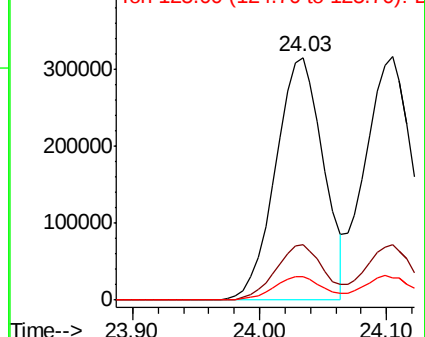
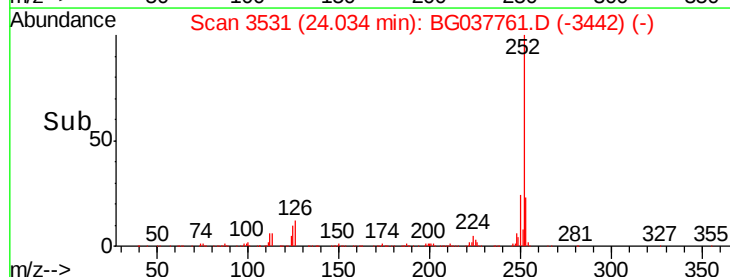


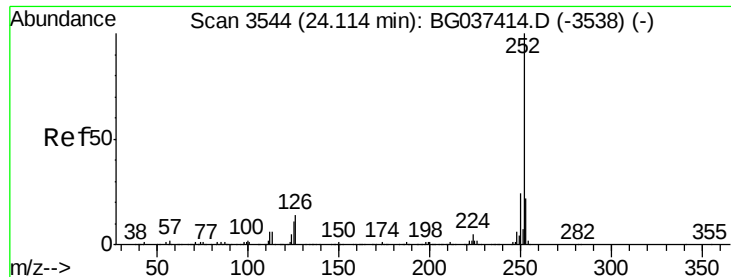
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

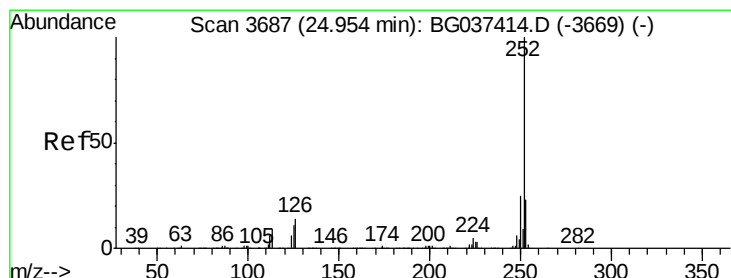
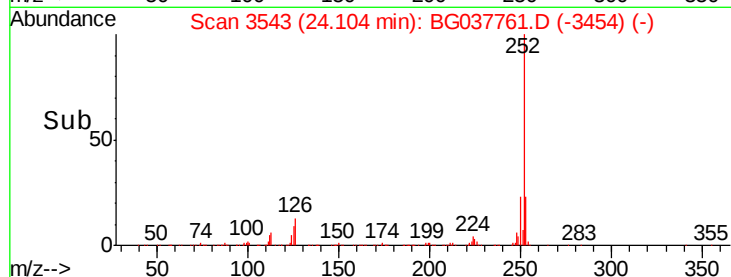
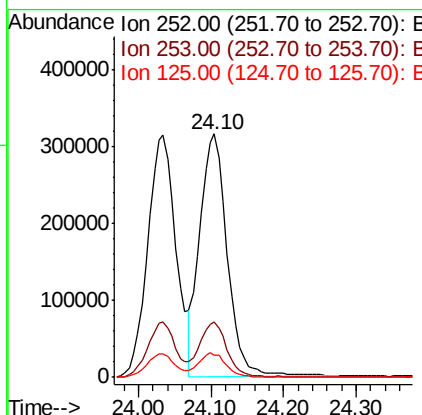
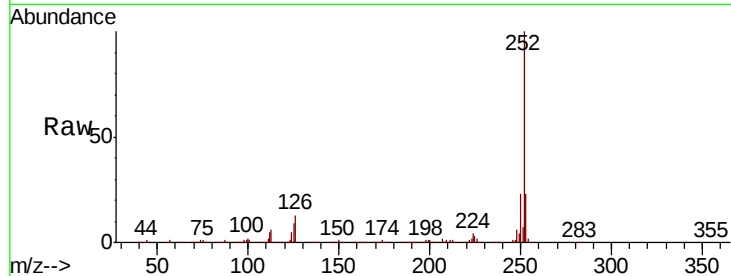




#89
Benzo(k)fluoranthene
Concen: 43.723 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

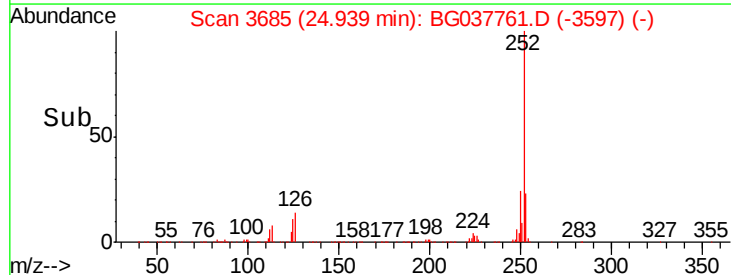
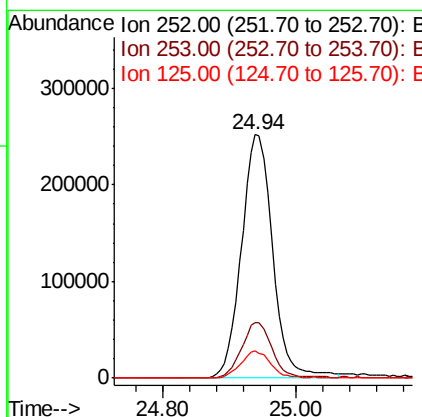
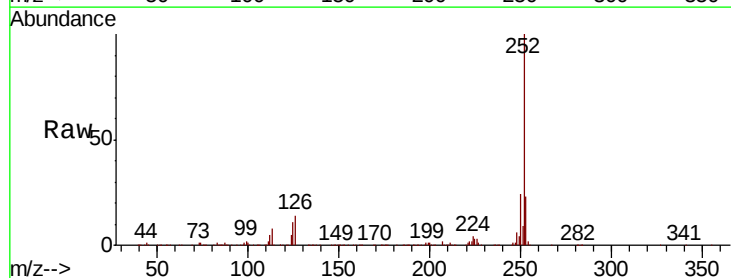
Instrument :
BNA_G
ClientSampleId :
PB114425BSD

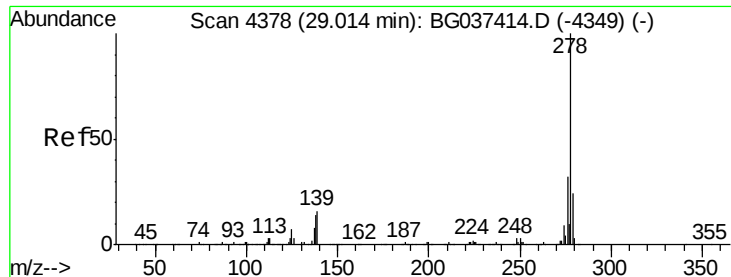
Tot Ion:252 Resp: 827531
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 9.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 43.908 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG037761.D
Acq: 2 Nov 2018 19:19

Tgt Ion:252 Resp: 806003
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 34.707 ng

RT: 28.99 min Scan# 4374

Delta R.T. -0.03 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

PB114425BSD

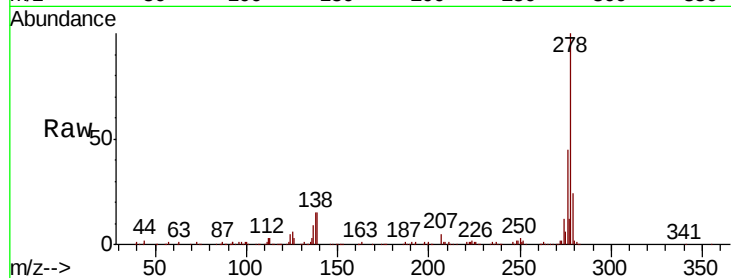
Tot Ion:278 Resp: 587683

Ion Ratio Lower Upper

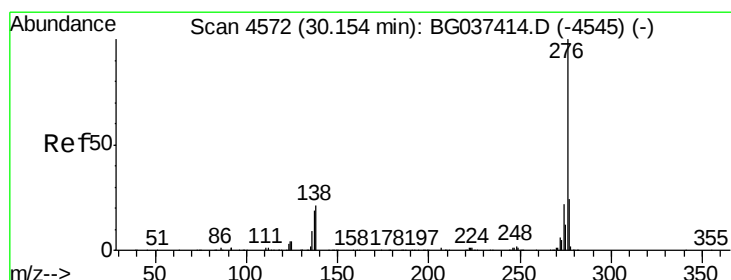
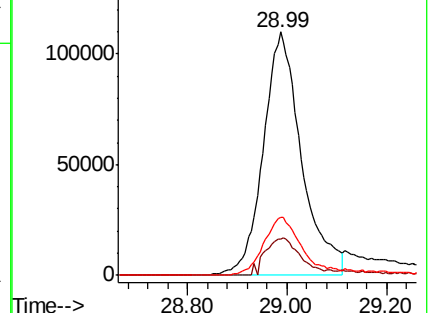
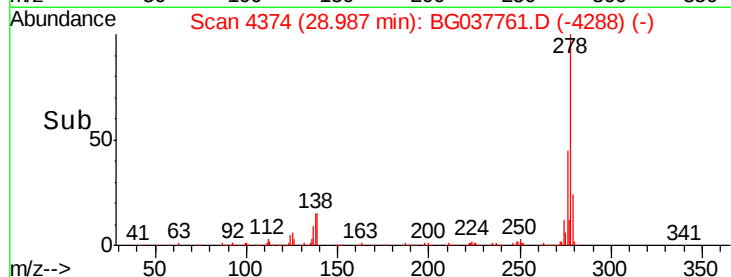
278 100

139 14.7 11.5 17.3

279 23.9 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E
150000
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: 37.969 ng

RT: 30.12 min Scan# 4567

Delta R.T. -0.03 min

Lab File: BG037761.D

Acq: 2 Nov 2018 19:19

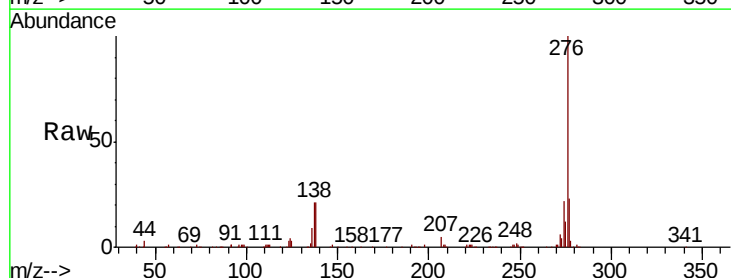
Tgt Ion:276 Resp: 650445

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 20.6 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E
150000
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

