

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037486.D
 Acq On : 23 Oct 2018 21:27
 Operator : JU/SJ
 Sample : J5621-11MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 04:43:25 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	8.11	152	69977	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	309882	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	203660	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	474312	20.00	ng	0.00
76) Chrysene-d12	21.77	240	408738	20.00	ng	0.00
87) Perylene-d12	25.11	264	426571	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	249801	59.68	ng	0.00
7) Phenol-d6	7.25	99	261544	41.32	ng	0.00
23) Nitrobenzene-d5	9.29	82	443720	80.21	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	260888	117.45	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1004224	74.35	ng	0.00
79) Terphenyl-d14	20.09	244	1449084	75.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	25989	12.244	ng	97
3) Pyridine	3.94	79	47756	8.926	ng	97
4) n-Nitrosodimethylamine	3.86	42	31917	16.749	ng	99
6) Aniline	7.43	93	72576	9.400	ng	95
8) 2-Chlorophenol	7.67	128	181940	37.157	ng	100
9) Benzaldehyde	7.25	77	135741	34.286	ng	96
10) Phenol	7.28	94	131122	19.635	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	209375	41.282	ng	99
12) 1,3-Dichlorobenzene	7.99	146	185335	33.999	ng	98
13) 1,4-Dichlorobenzene	8.14	146	192178	34.465	ng	98
14) 1,2-Dichlorobenzene	8.46	146	186527	34.775	ng	99
15) Benzyl Alcohol	8.35	79	122246	26.140	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	391019	43.087	ng	97
17) 2-Methylphenol	8.53	107	157553	35.687	ng	98
18) Hexachloroethane	9.19	117	66234	34.842	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	183128	42.018	ng	95
20) 3+4-Methylphenols	8.87	107	198193	31.399	ng	97
22) Acetophenone	8.94	105	339134	43.637	ng	# 98
24) Nitrobenzene	9.33	77	285127	49.616	ng	96
25) Isophorone	9.84	82	527300	52.170	ng	98
26) 2-Nitrophenol	10.04	139	117529	45.399	ng	98
27) 2,4-Dimethylphenol	10.08	122	218313	47.231	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	314258	47.455	ng	95
29) 2,4-Dichlorophenol	10.57	162	223594	43.446	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	212594	37.986	ng	98
31) Naphthalene	10.98	128	664988	43.690	ng	99
32) Benzoic acid	10.16	122	41073	13.681	ng	99
33) 4-Chloroaniline	11.09	127	45919	6.421	ng	95
34) Hexachlorobutadiene	11.24	225	117870	35.535	ng	96
35) Caprolactam	11.88	113	5922	2.869	ng	92
36) 4-Chloro-3-methylphenol	12.19	107	245109	42.231	ng	96
37) 2-Methylnaphthalene	12.58	142	522542	47.096	ng	99
38) 1-Methylnaphthalene	12.79	142	503542	46.732	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	264700	40.294	ng	99

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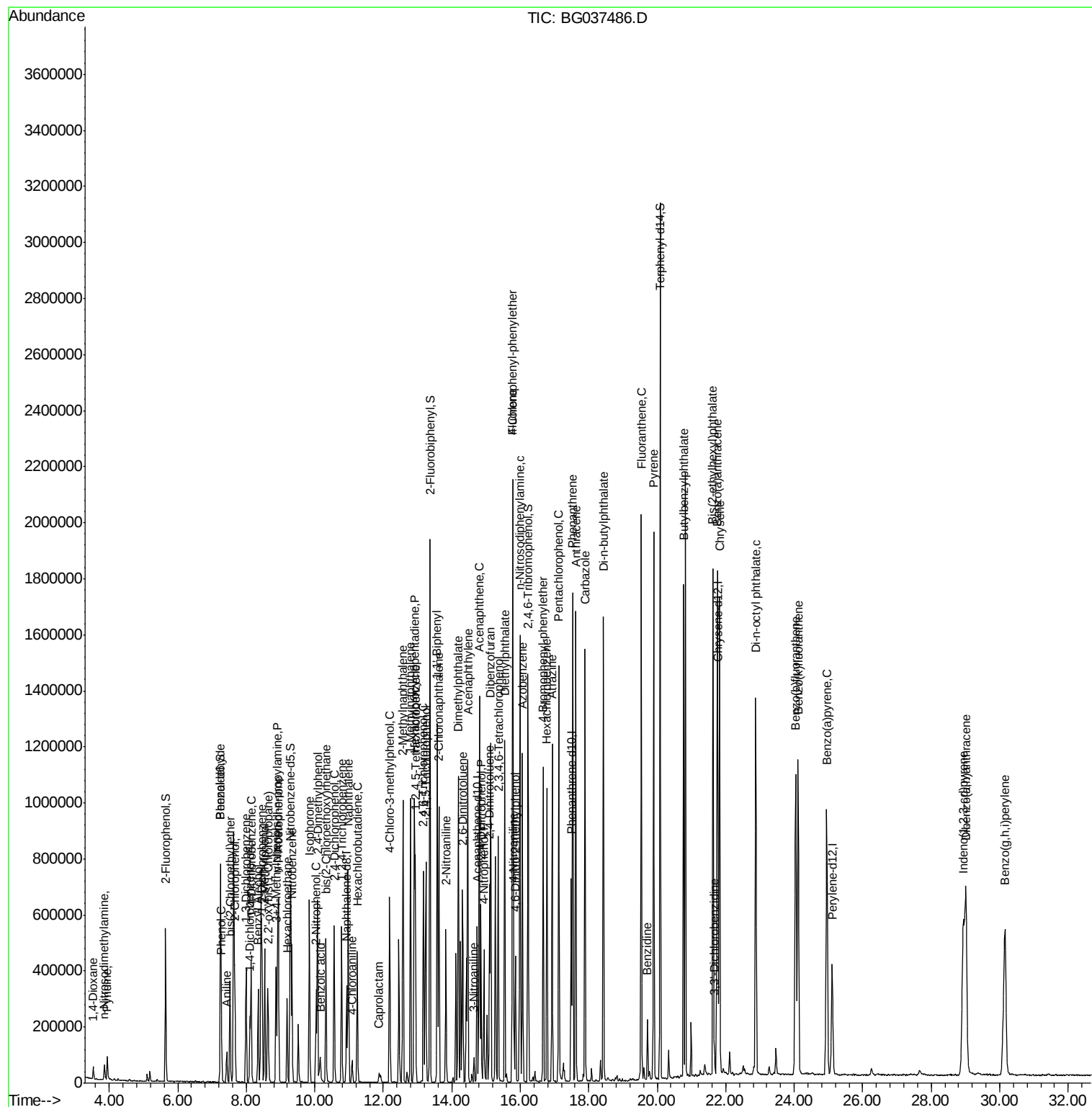
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41) Hexachlorocyclopentadiene	12.91	237	305464	97.346	nq	96
43) 2,4,6-Trichlorophenol	13.17	196	201843	45.991	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	213602	44.702	nq	98
46) 1,1'-Biphenyl	13.58	154	688347	40.811	nq	98
47) 2-Chloronaphthalene	13.62	162	538902	42.233	nq	99
48) 2-Nitroaniline	13.83	65	165951	42.886	nq	98
49) Acenaphthylene	14.47	152	896877	46.725	nq	98
50) Dimethylphthalate	14.19	163	754641	47.897	nq	100
51) 2,6-Dinitrotoluene	14.32	165	162350	46.580	nq	94
52) Acenaphthene	14.80	154	531253	44.939	nq	99
53) 3-Nitroaniline	14.65	138	23872	6.170	nq	# 96
54) 2,4-Dinitrophenol	14.85	184	156175	91.945	nq	92
55) Dibenzofuran	15.14	168	847076	43.249	nq	98
56) 4-Nitrophenol	14.94	139	138417	48.329	nq	95
57) 2,4-Dinitrotoluene	15.10	165	227719	49.772	nq	94
58) Fluorene	15.79	166	688761	46.959	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	190804	46.638	nq	99
60) Diethylphthalate	15.54	149	735006	45.440	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	363857	42.561	nq	99
62) 4-Nitroaniline	15.81	138	58894	15.318	nq	91
63) Azobenzene	16.07	77	703784	45.602	nq	100
65) 4,6-Dinitro-2-methylphenol	15.86	198	113116	45.899	nq	98
66) n-Nitrosodiphenylamine	15.99	169	627146	43.957	nq	97
67) 4-Bromophenyl-phenylether	16.67	248	226523	43.489	nq	99
68) Hexachlorobenzene	16.78	284	226780	42.009	nq	99
69) Atrazine	16.93	200	232835	45.137	nq	99
70) Pentachlorophenol	17.12	266	277067	76.622	nq	96
71) Phenanthrene	17.53	178	1105963	45.879	nq	98
72) Anthracene	17.62	178	1113523	47.070	nq	97
73) Carbazole	17.89	167	1028683	43.471	nq	99
74) Di-n-butylphthalate	18.43	149	1230536	46.746	nq	98
75) Fluoranthene	19.53	202	1266463	46.321	nq	96
77) Benzidine	19.72	184	121397	8.735	nq	98
78) Pyrene	19.90	202	1260940	47.191	nq	97
80) Butylbenzylphthalate	20.77	149	555624	50.810	nq	99
81) Benzo(a)anthracene	21.75	228	1175633	48.627	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	44154	4.712	nq	90
83) Chrysene	21.82	228	1096310	47.158	nq	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	775612	50.600	nq	99
85) Di-n-octyl phthalate	22.88	149	1302177	52.097	nq	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1274828	51.127	nq	97
88) Benzo(b)fluoranthene	24.05	252	1156789	49.465	nq	99
89) Benzo(k)fluoranthene	24.12	252	1115943	48.705	nq	98
90) Benzo(a)pyrene	24.95	252	1110052	49.952	nq	99
91) Dibenzo(a,h)anthracene	29.02	278	1046141	51.035	nq	98
92) Benzo(g,h,i)perylene	30.16	276	1060867	51.155	nq	99

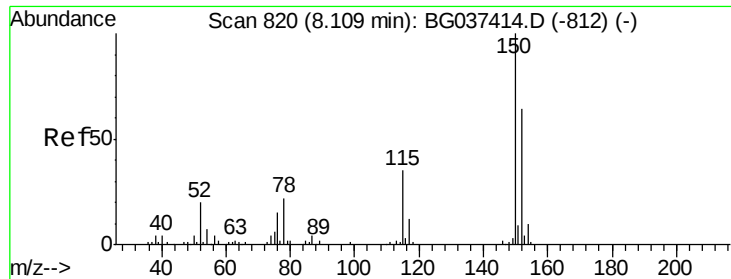
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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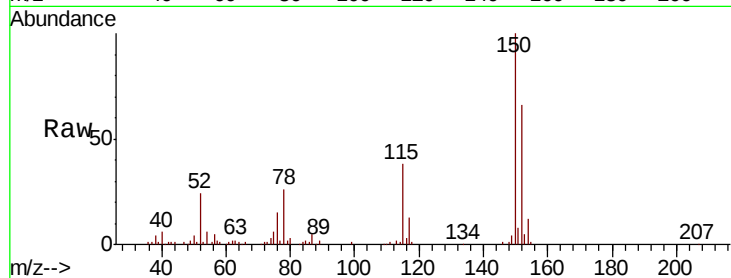


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.0	189.0
115	56.9	45.5	68.3

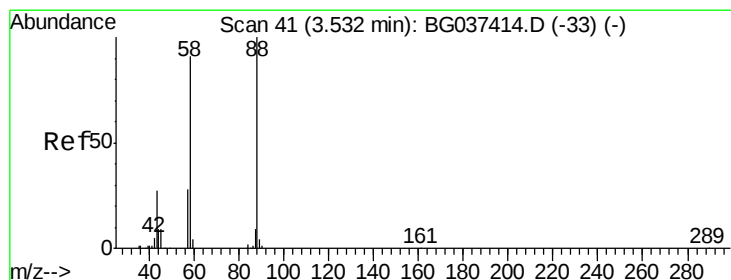
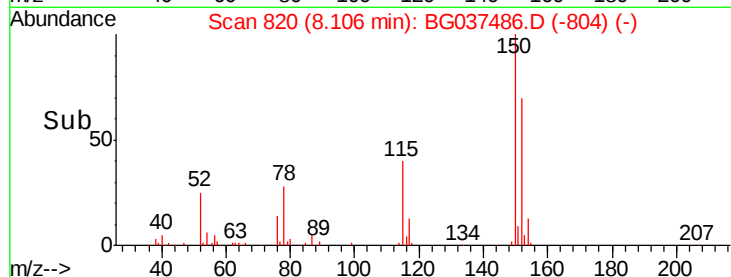
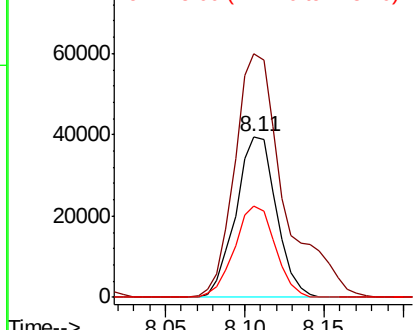


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

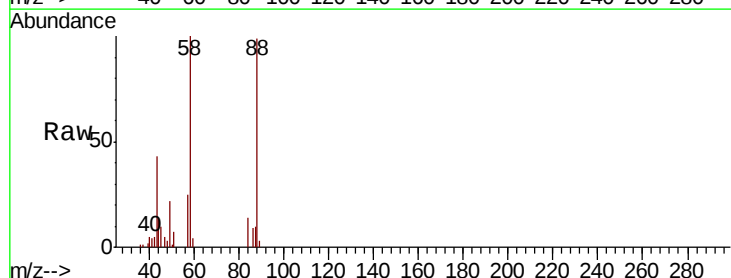
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 12.244 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	74.4	111.6
43	30.5	25.8	38.8

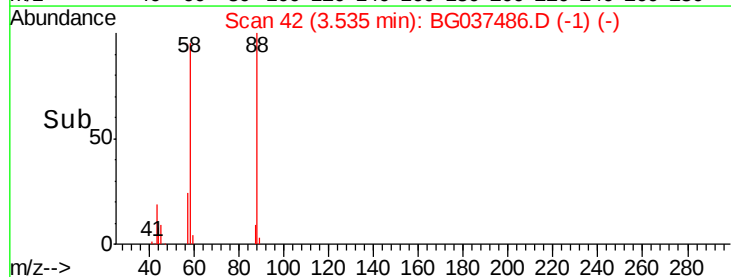
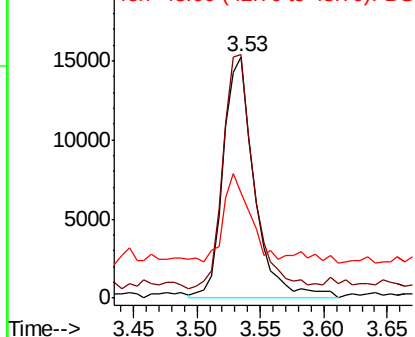


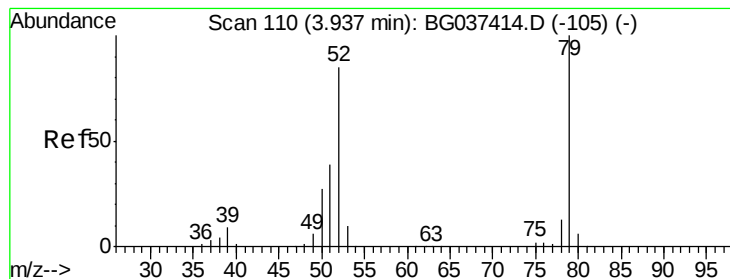
Abundance

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: 8.926 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

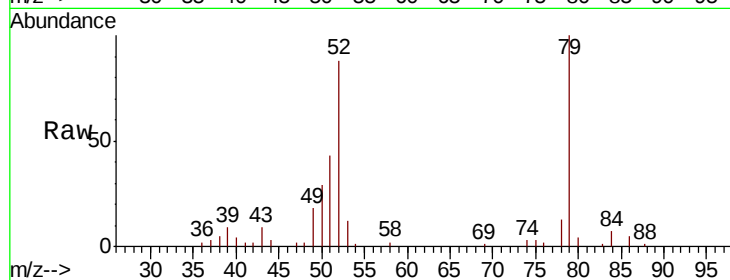
Tot Ion: 79 Resp: 47756

Ion Ratio Lower Upper

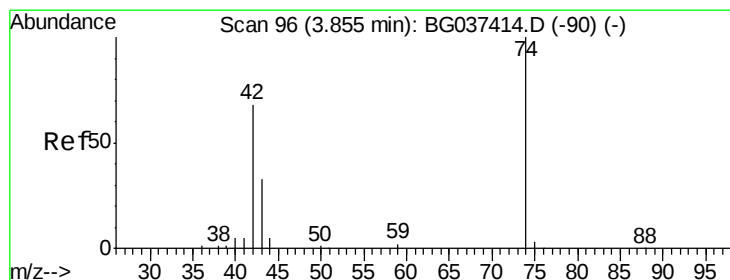
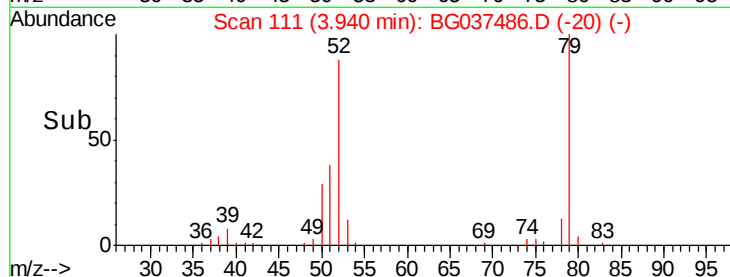
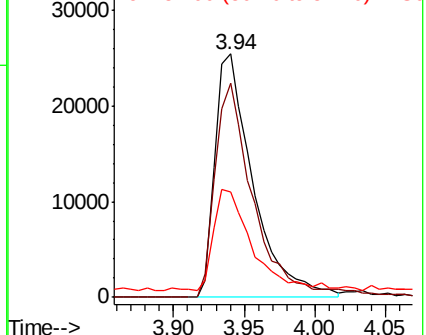
79 100

52 88.1 74.2 111.2

51 43.5 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: 16.749 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

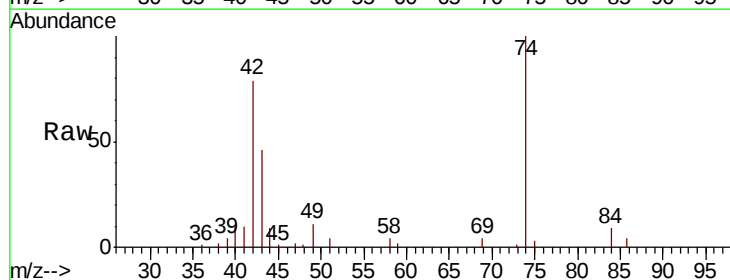
Tgt Ion: 42 Resp: 31917

Ion Ratio Lower Upper

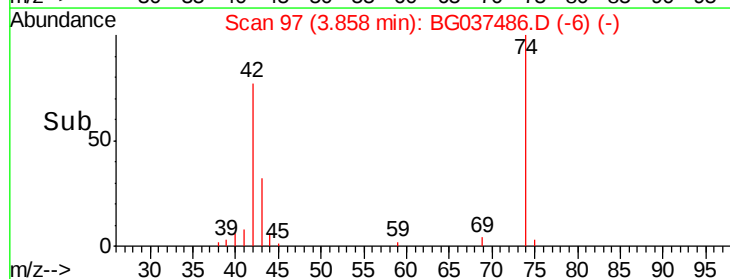
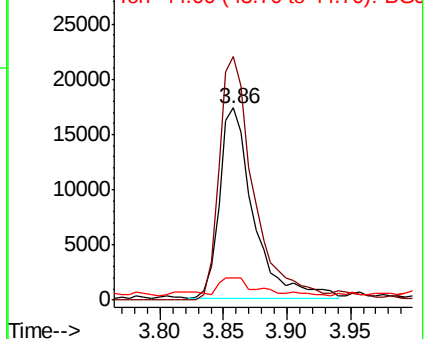
42 100

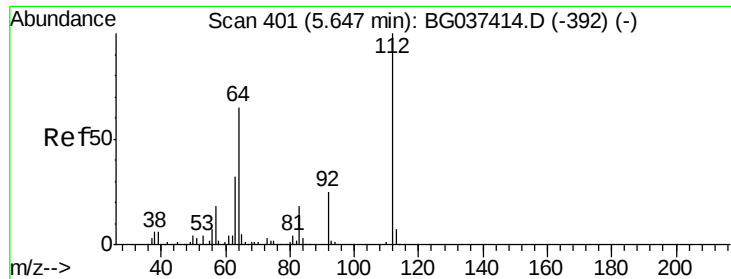
74 126.8 102.0 153.0

44 11.3 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: 59.681 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

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ClientSampleId :

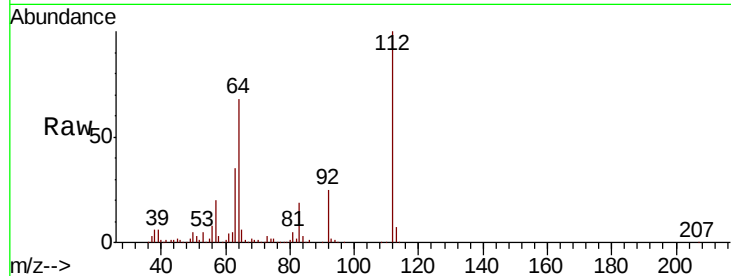
Tot Ion:112 Resp: 249801

Ion Ratio Lower Upper

112 100

64 68.3 53.1 79.7

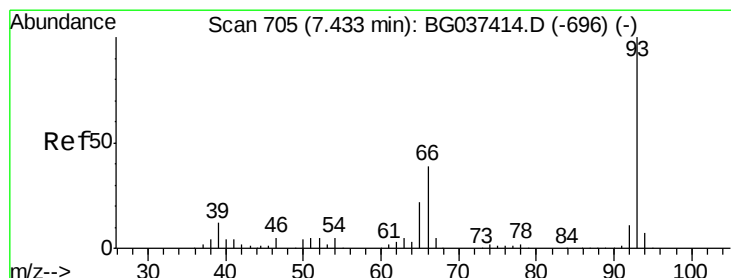
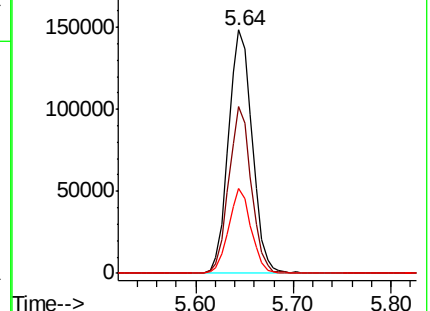
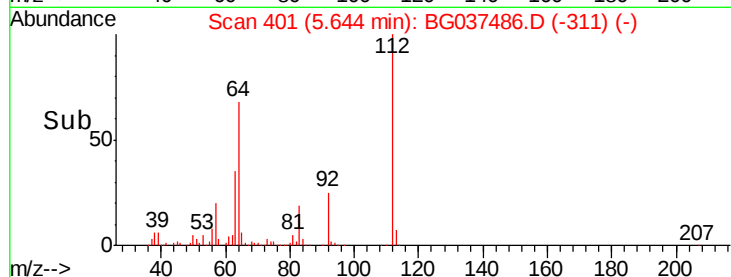
63 34.6 27.3 40.9



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: 9.400 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

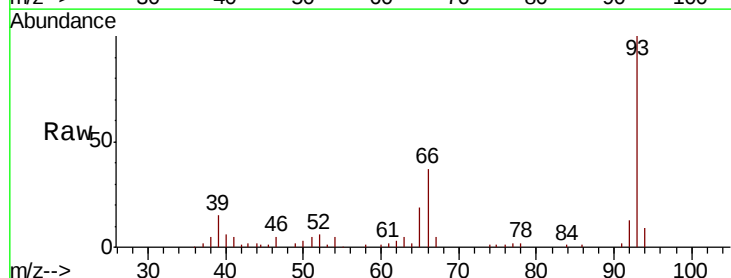
Tgt Ion: 93 Resp: 72576

Ion Ratio Lower Upper

93 100

66 37.0 32.8 49.2

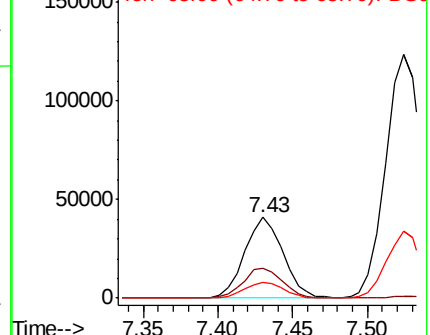
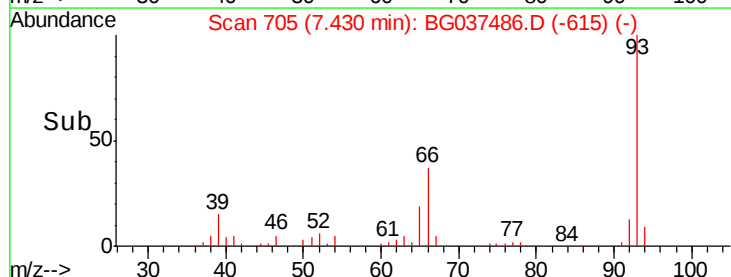
65 19.2 16.4 24.6

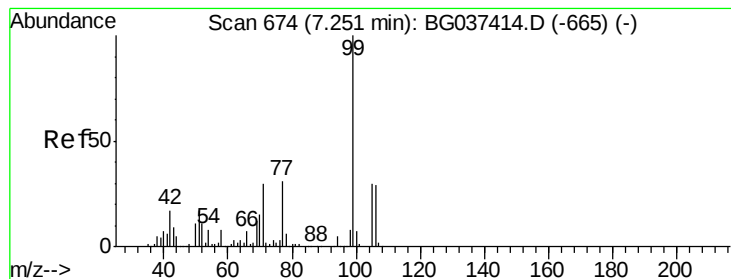


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 41.324 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037486.D

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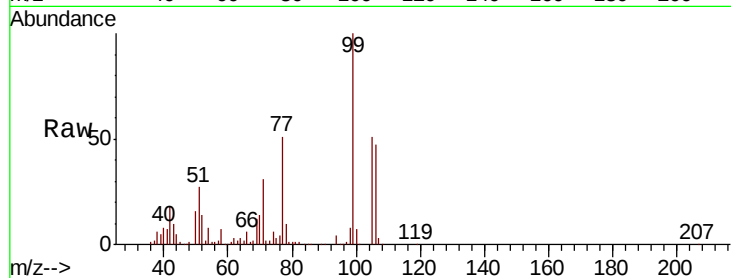
Tot Ion: 99 Resp: 261544

Ion Ratio Lower Upper

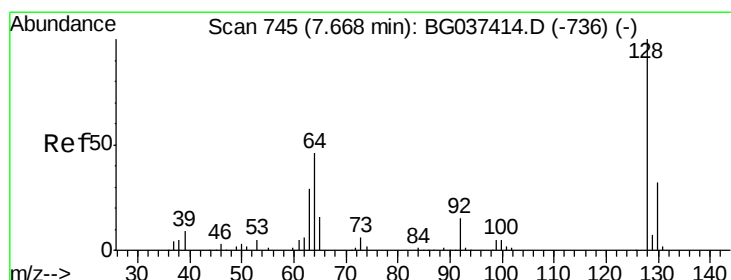
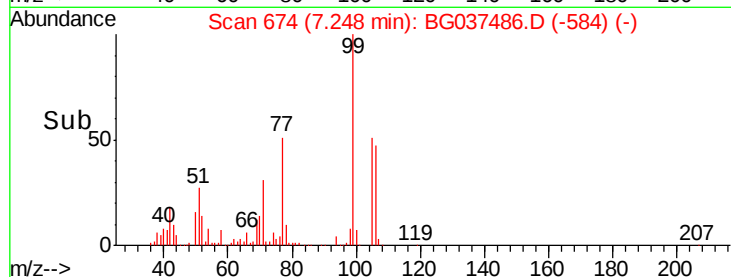
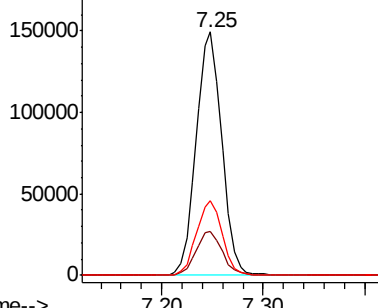
99 100

42 18.2 15.0 22.4

71 30.8 25.5 38.3



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



#8

2-Chlorophenol

Concen: 37.157 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

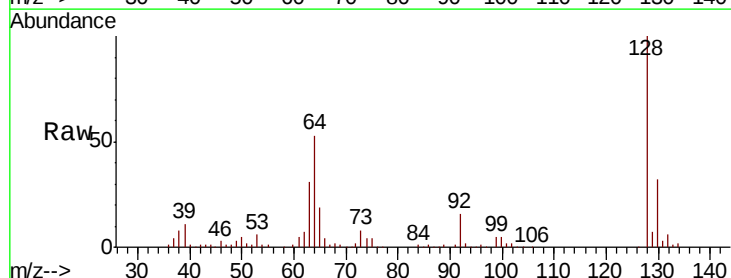
Tgt Ion: 128 Resp: 181940

Ion Ratio Lower Upper

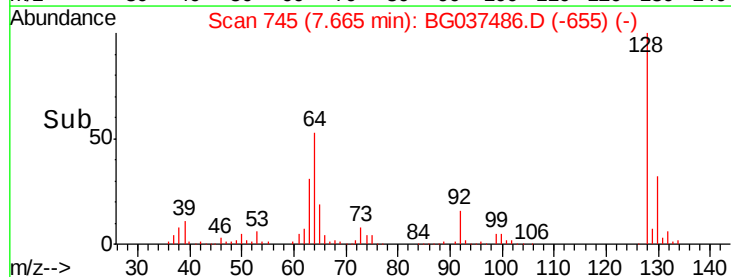
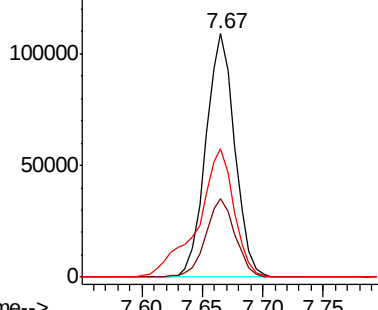
128 100

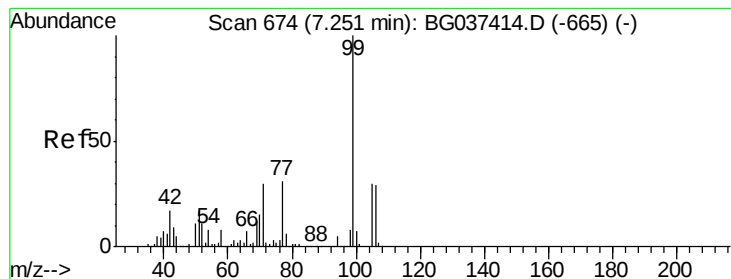
130 32.2 12.0 52.0

64 52.6 32.9 72.9



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





#9

Benzaldehyde

Concen: 34.286 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampled :

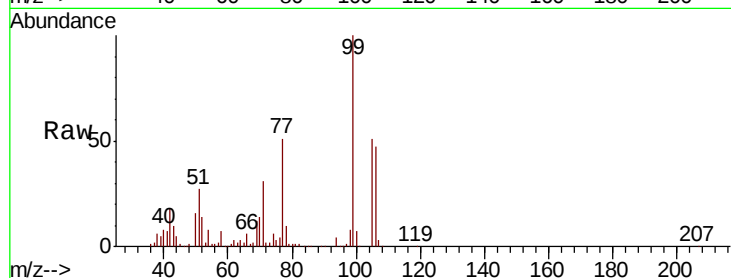
Tot Ion: 77 Resp: 135741

Ion Ratio Lower Upper

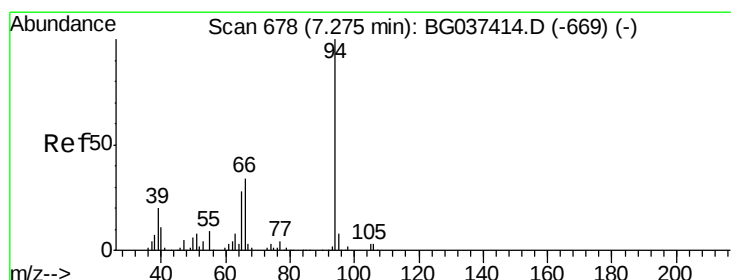
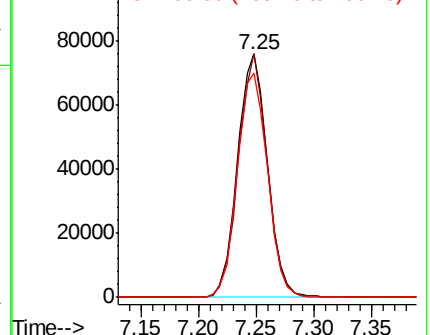
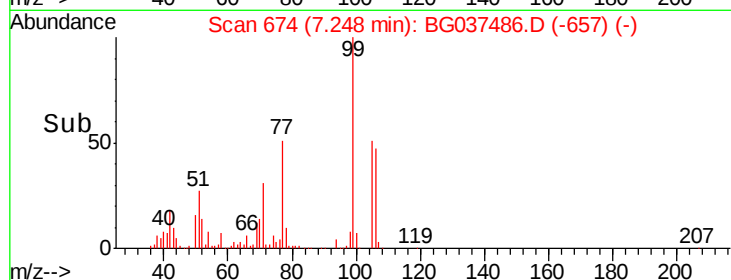
77 100

105 100.1 72.6 112.6

106 92.1 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: 19.635 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

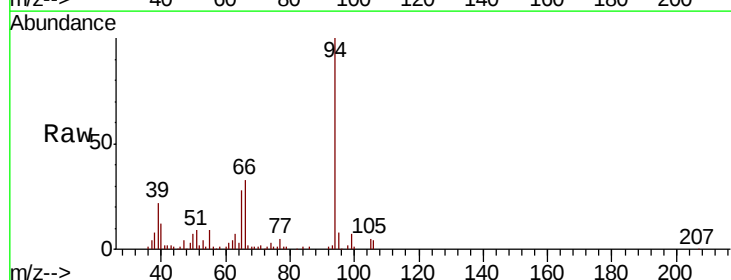
Tgt Ion: 94 Resp: 131122

Ion Ratio Lower Upper

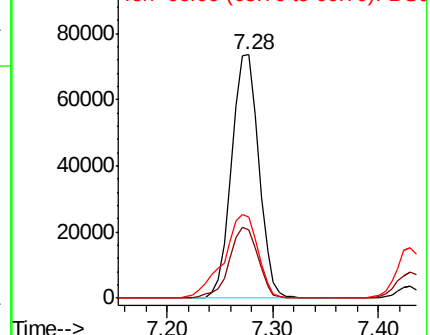
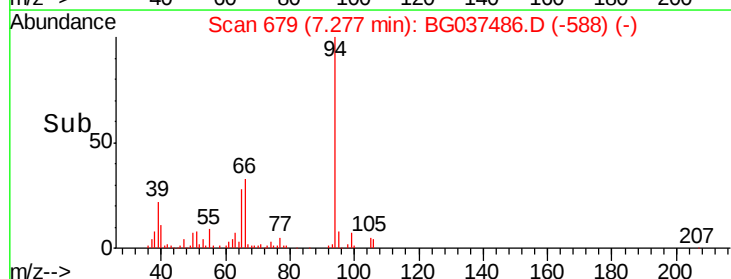
94 100

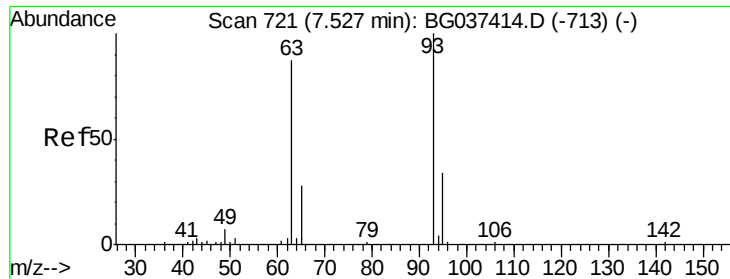
65 27.9 9.7 49.7

66 33.4 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

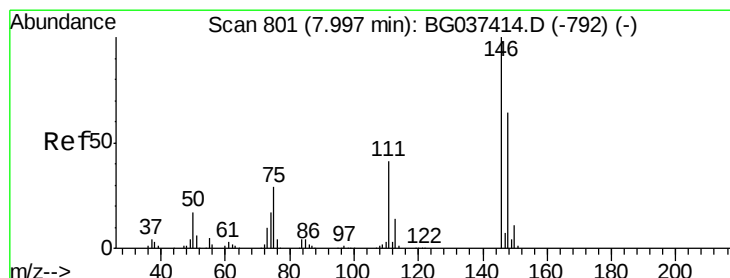
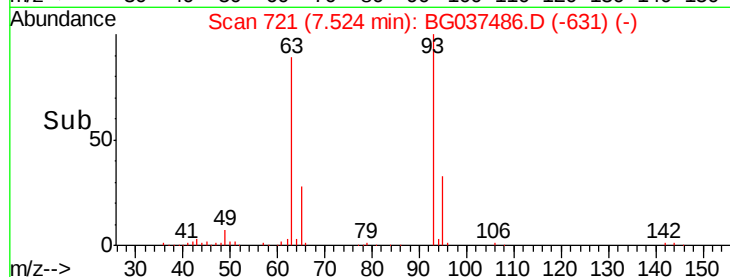
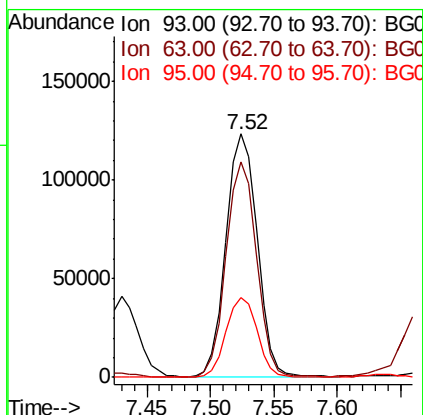
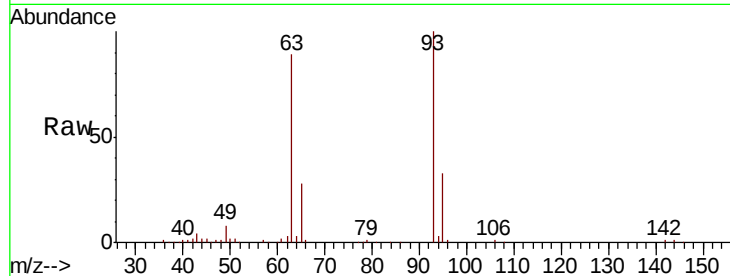




#11
bis(2-Chloroethyl)ether
Concen: 41.282 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

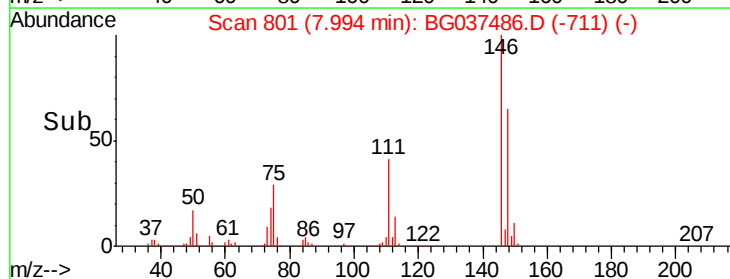
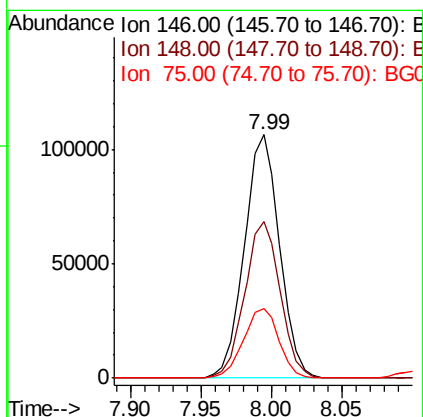
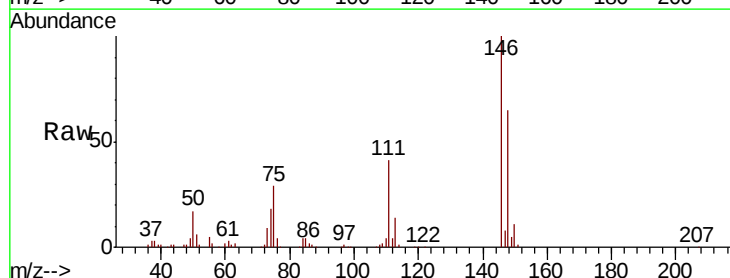
Instrument :
BNA_G
ClientSampleId :

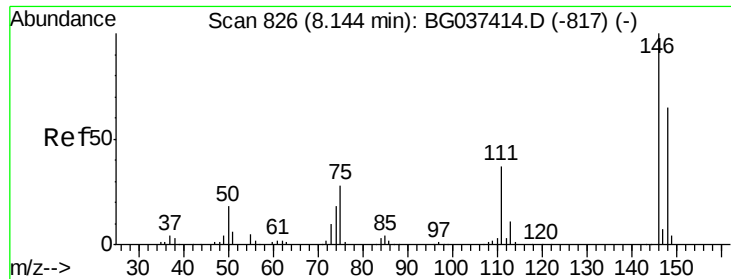
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.5	69.5	109.5
95	32.8	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 33.999 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.8	74.8
75	28.5	23.2	34.8

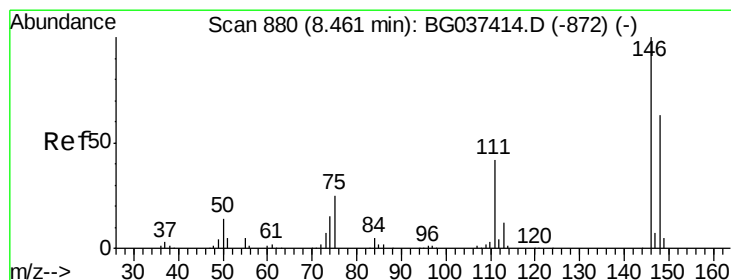
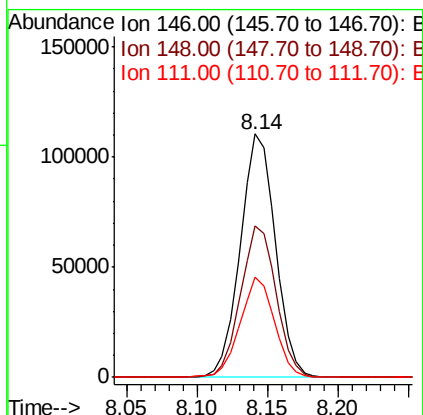
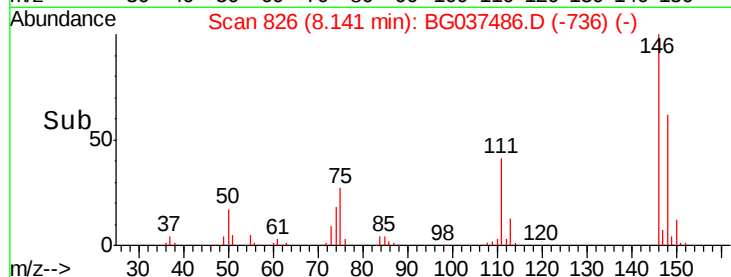
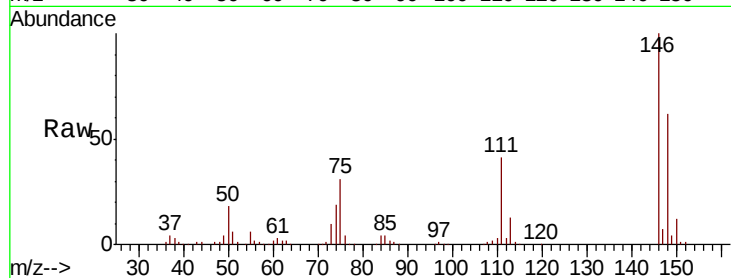




#13
 1,4-Dichlorobenzene
 Concen: 34.465 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

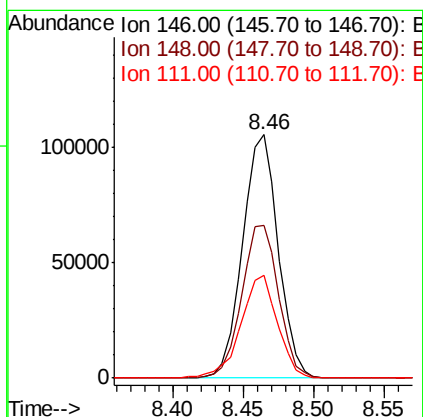
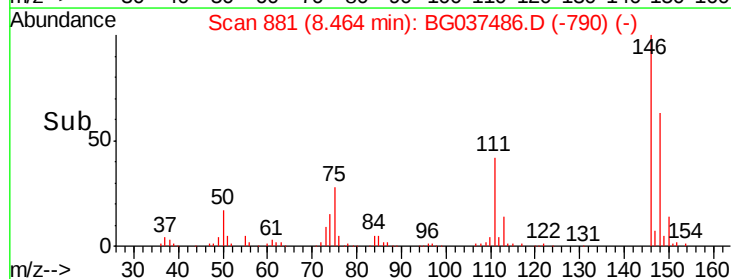
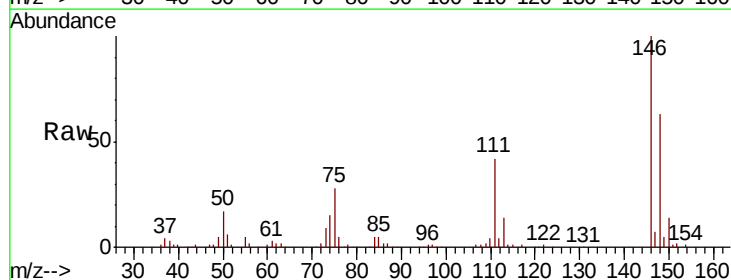
Instrument :
 BNA_G
 ClientSampled :

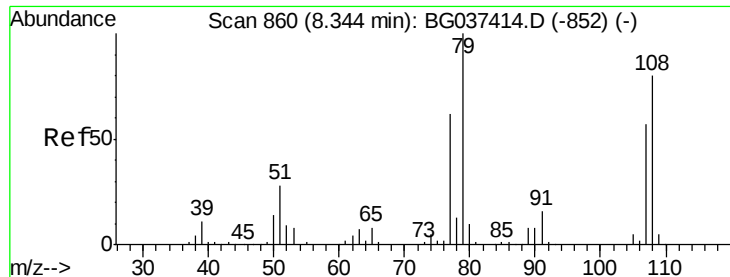
Tot Ion:146 Resp: 192178
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.0 76.6
 111 41.0 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 34.775 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion:146 Resp: 186527
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.4 75.6
 111 42.3 34.6 51.8





#15

Benzyl Alcohol

Concen: 26.140 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

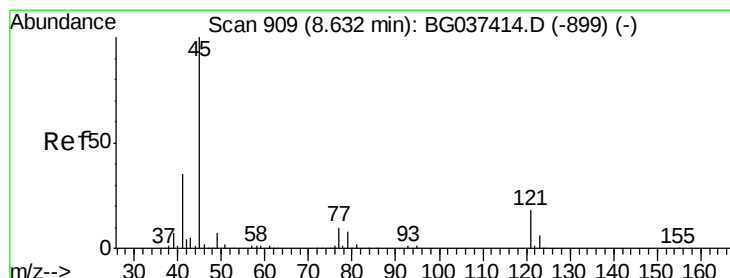
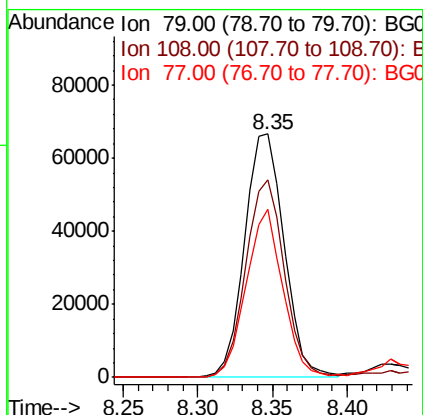
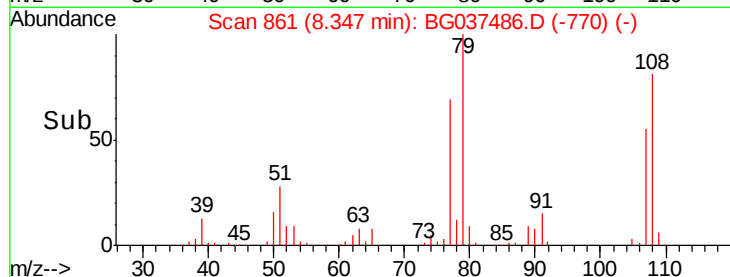
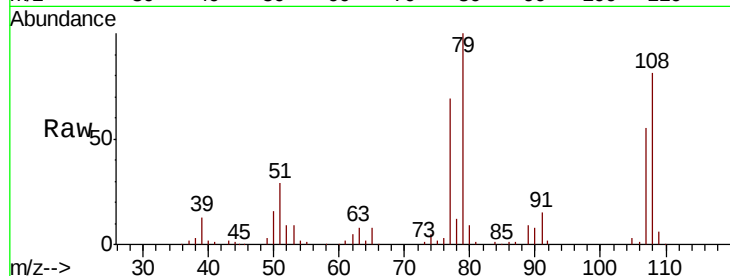
Tot Ion: 79 Resp: 122246

Ion Ratio Lower Upper

79 100

108 81.2 65.8 98.8

77 68.8 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.087 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

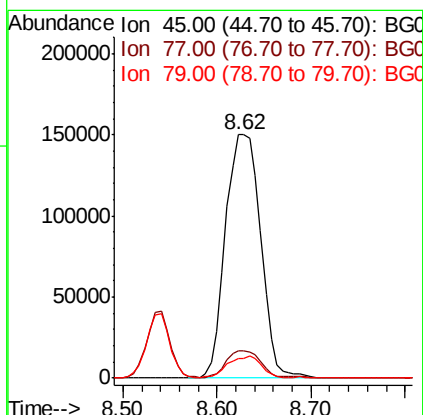
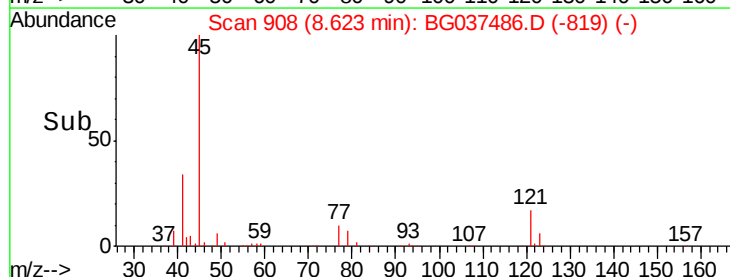
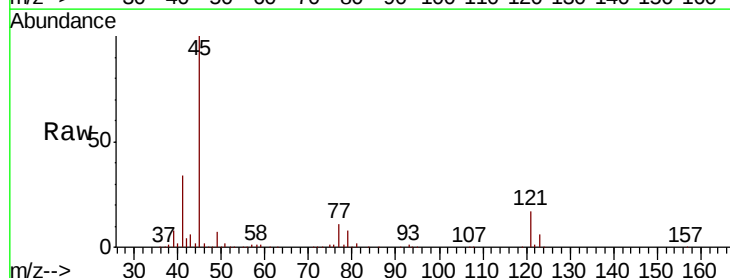
Tgt Ion: 45 Resp: 391019

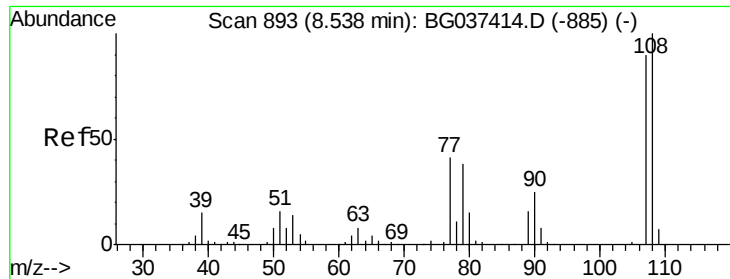
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 8.1 0.0 29.0

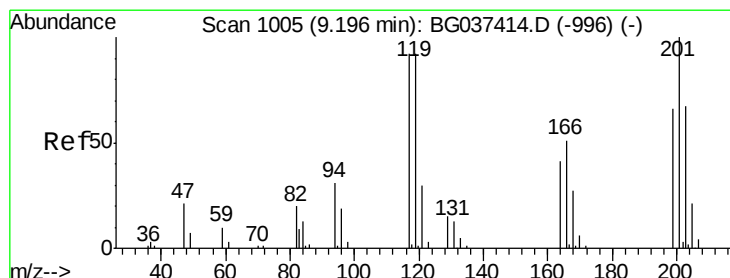
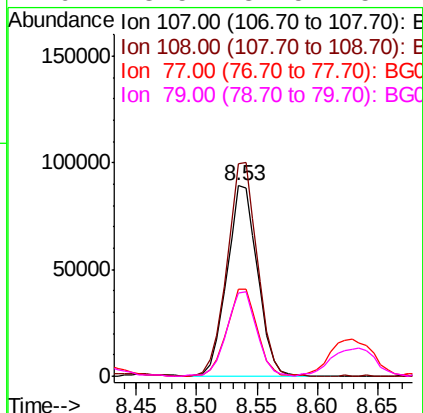
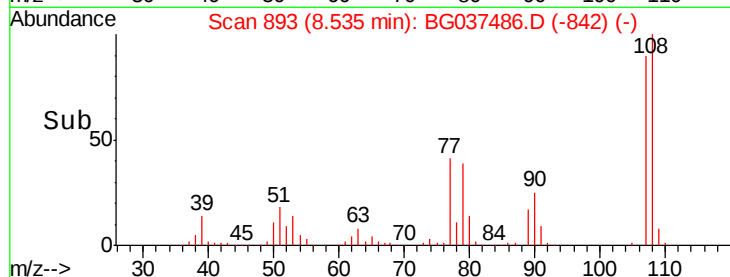
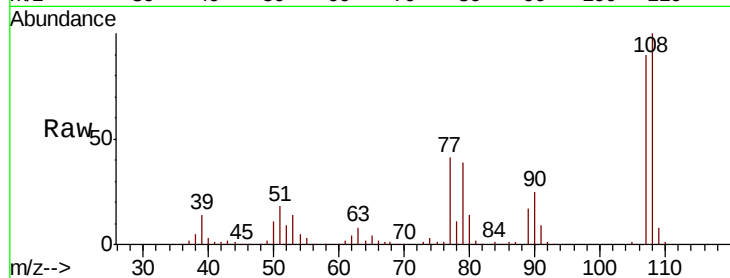




#17
2-Methylphenol
Concen: 35.687 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

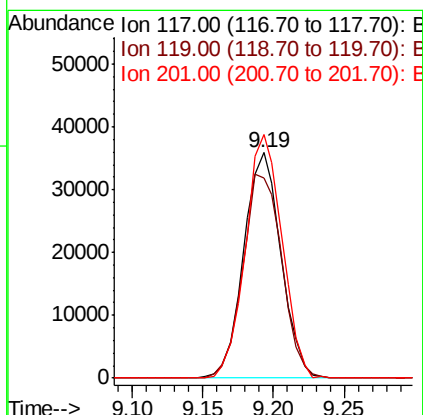
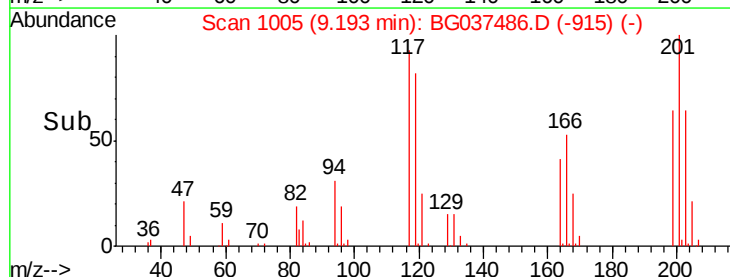
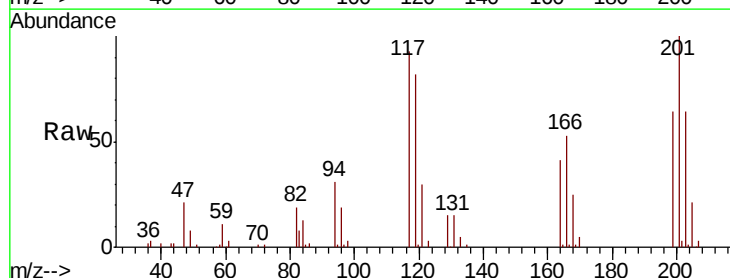
Instrument :
BNA_G
ClientSampleId :

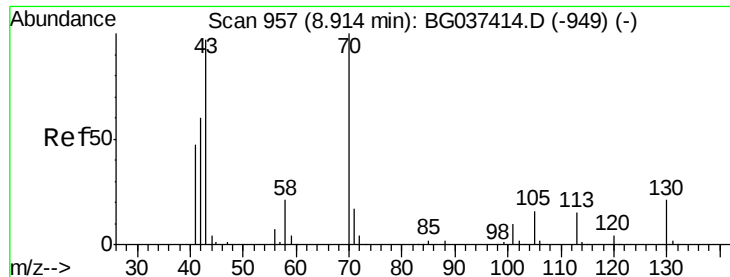
Tot Ion:	107	Resp:	157553
Ion	Ratio	Lower	Upper
107	100		
108	111.5	87.9	131.9
77	45.7	35.1	52.7
79	43.5	34.5	51.7



#18
Hexachloroethane
Concen: 34.842 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:	117	Resp:	66234
Ion	Ratio	Lower	Upper
117	100		
119	88.9	74.6	111.8
201	110.7	80.8	121.2

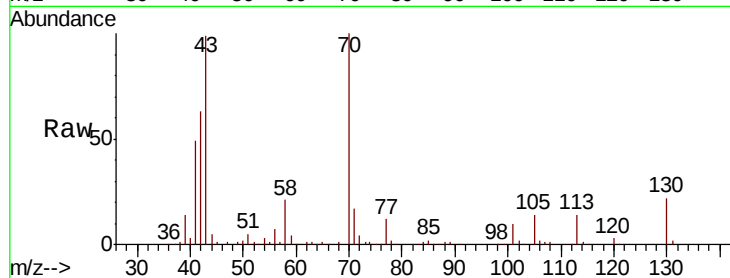




#19
n-Nitroso-di-n-propylamine
Concen: 42.018 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	183128
Ion	Ratio	Lower	Upper
70	100		
42	62.8	53.9	80.9
101	9.6	8.2	12.2
130	21.7	18.2	27.4



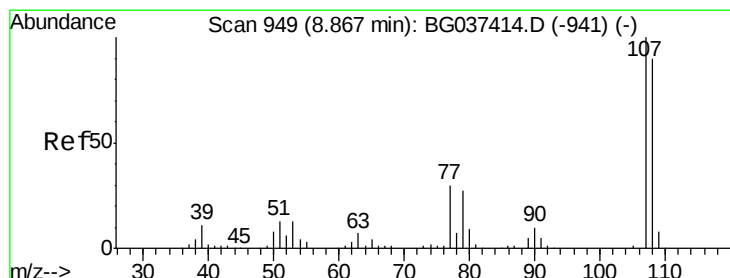
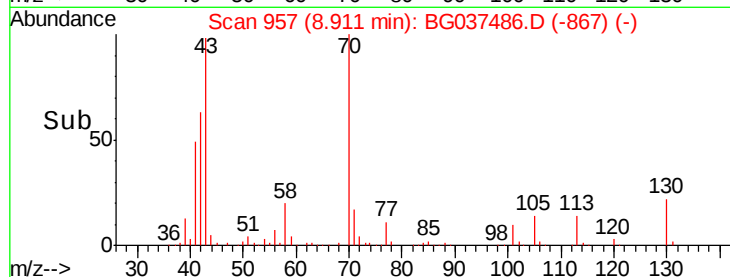
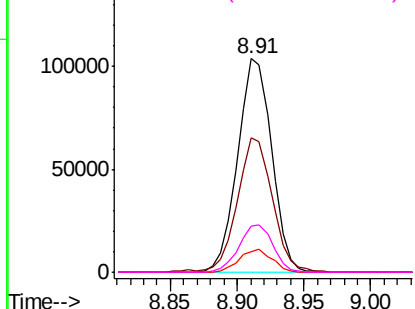
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

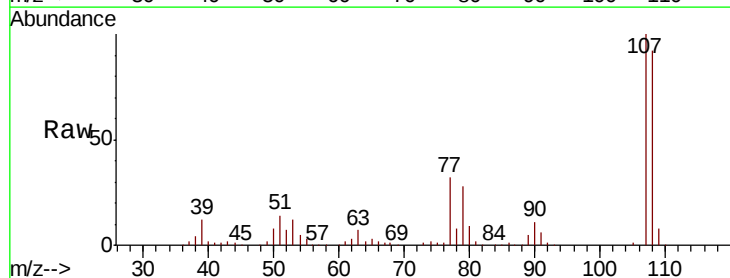
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 31.399 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:	107	Resp:	198193
Ion	Ratio	Lower	Upper
107	100		
108	92.2	69.9	109.9
77	32.3	11.2	51.2
79	28.5	6.6	46.6



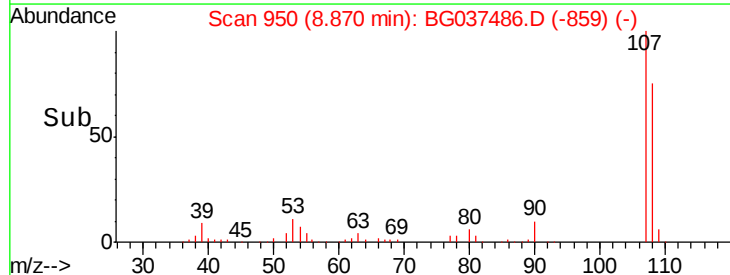
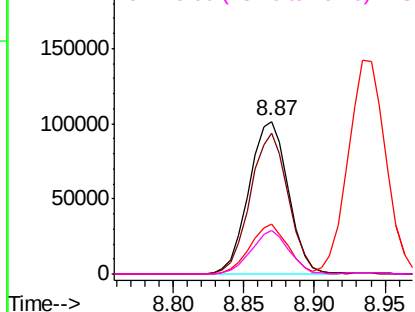
Abundance

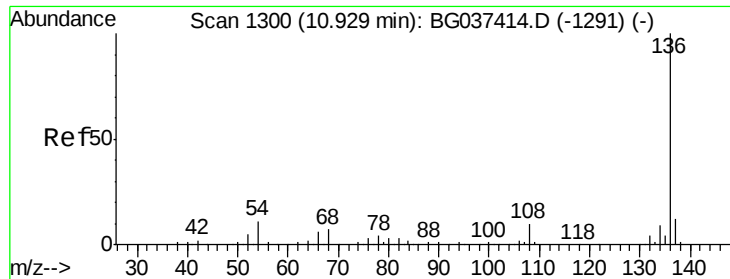
Ion 107.00 (106.70 to 107.70): BGC

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

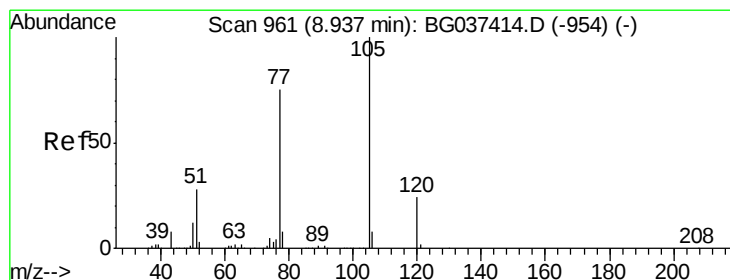
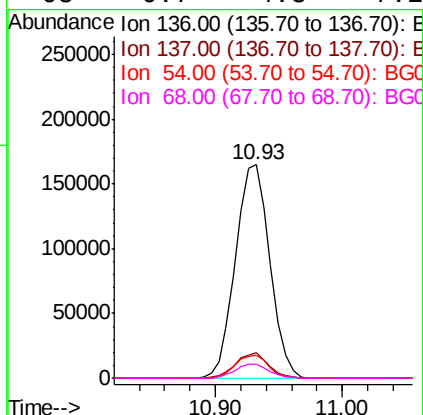
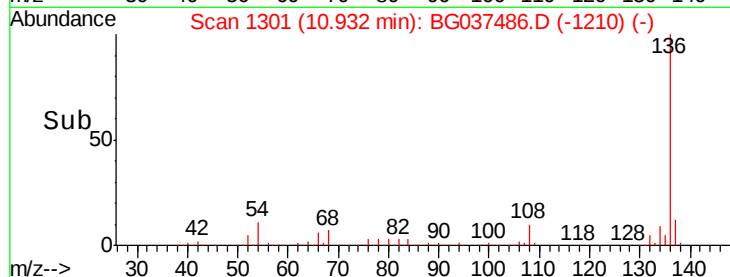
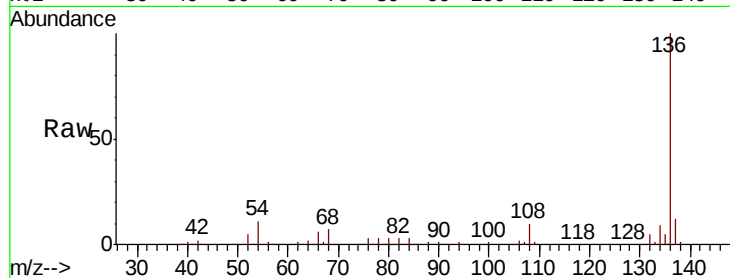




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

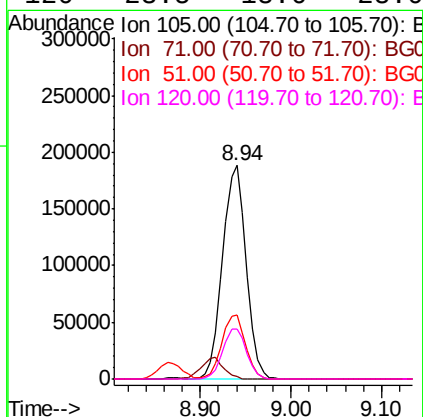
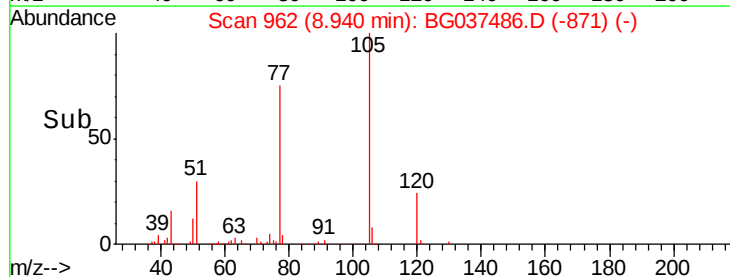
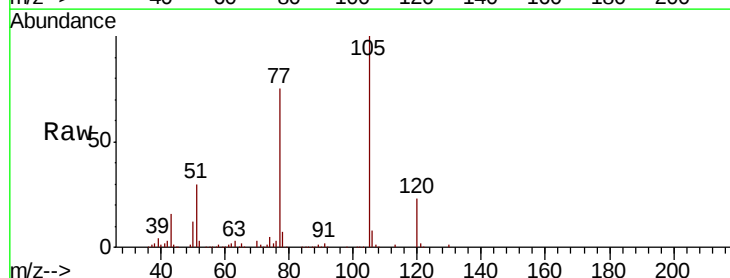
Instrument :
BNA_G
ClientSampleId :

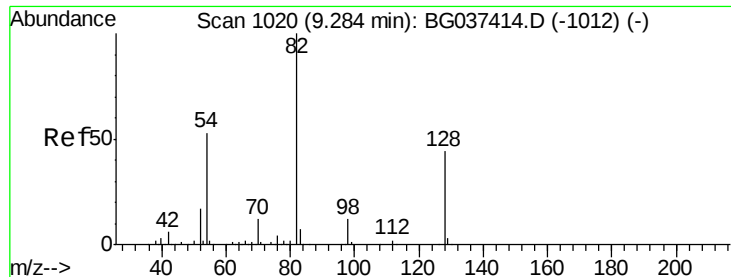
Tot Ion:136	Resp:	309882
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.6 14.4
54	10.6	7.9 11.9
68	6.7	4.8 7.2



#22
Acetophenone
Concen: 43.637 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:105	Resp:	339134
Ion Ratio	Lower	Upper
105	100	
71	0.9	1.2 1.8#
51	29.9	25.0 37.6
120	23.5	18.6 28.0

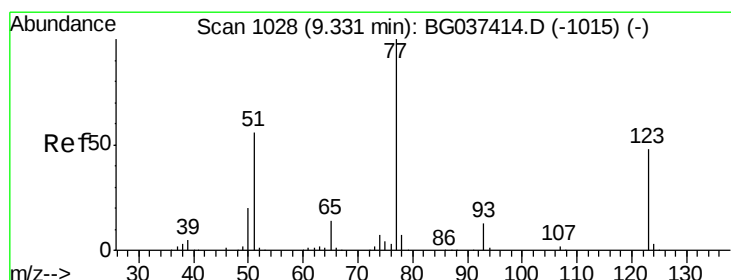
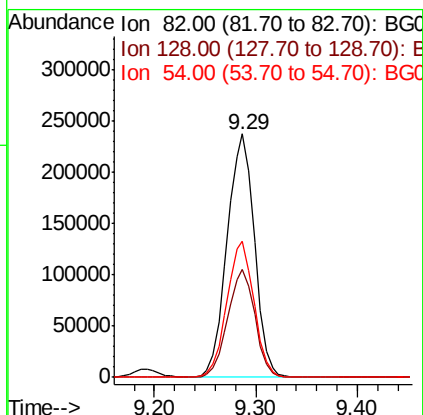
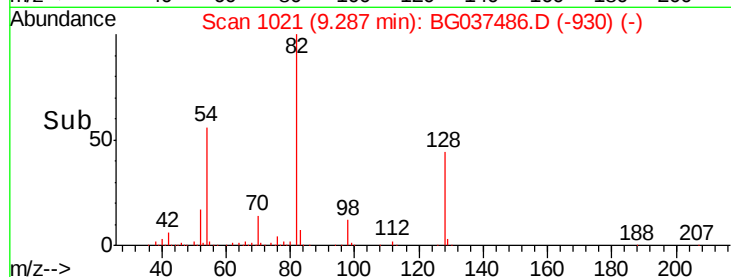
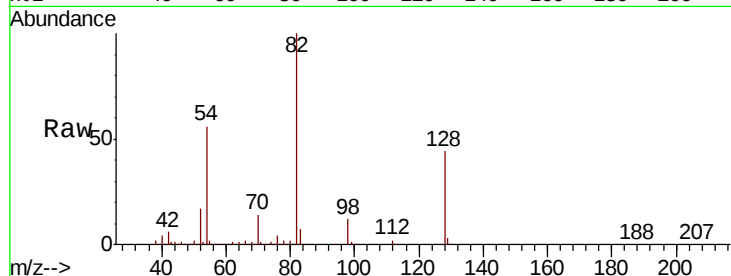




#23
Nitrobenzene-d5
Concen: 80.214 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

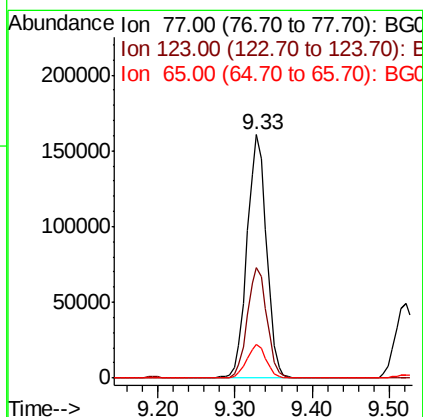
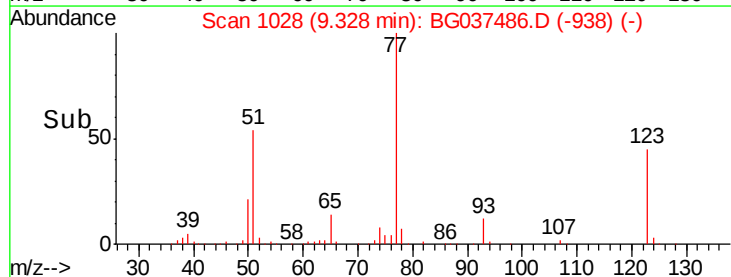
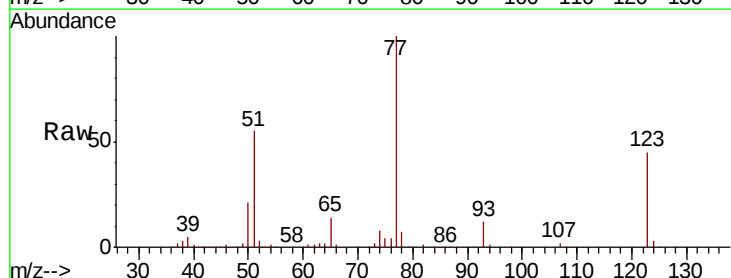
Instrument :
BNA_G
ClientSampleId :

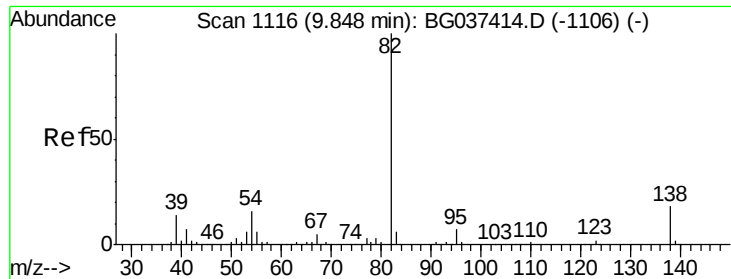
Tot Ion: 82 Resp: 443720
Ion Ratio Lower Upper
82 100
128 44.4 34.6 51.8
54 55.7 45.3 67.9



#24
Nitrobenzene
Concen: 49.616 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion: 77 Resp: 285127
Ion Ratio Lower Upper
77 100
123 45.4 33.6 50.4
65 14.0 11.3 16.9





#25

Isophorone

Concen: 52.170 ng

RT: 9.84 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

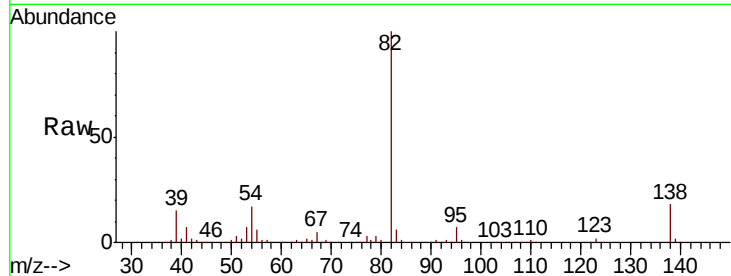
Tot Ion: 82 Resp: 527300

Ion Ratio Lower Upper

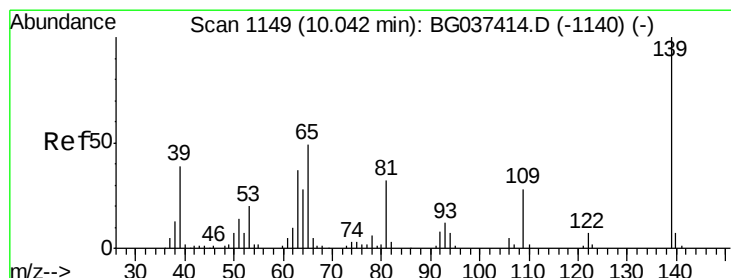
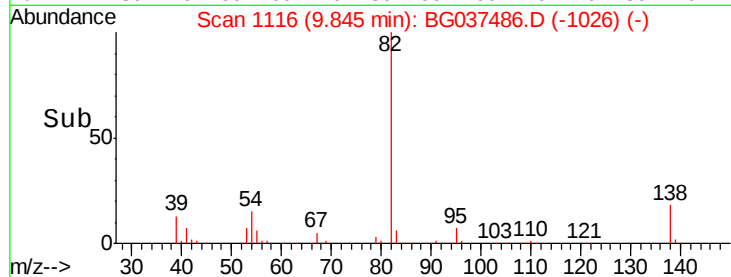
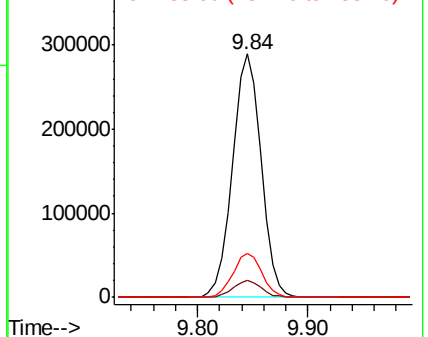
82 100

95 7.0 5.3 7.9

138 17.8 13.3 19.9



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



#26

2-Nitrophenol

Concen: 45.399 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

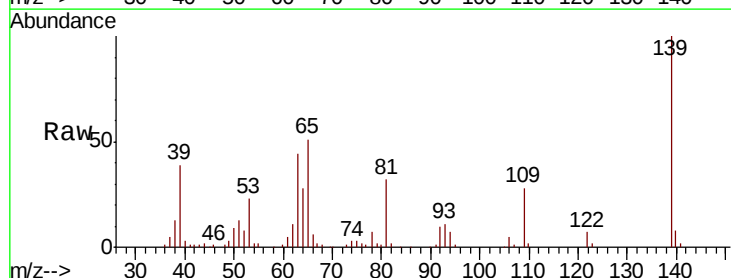
Tgt Ion: 139 Resp: 117529

Ion Ratio Lower Upper

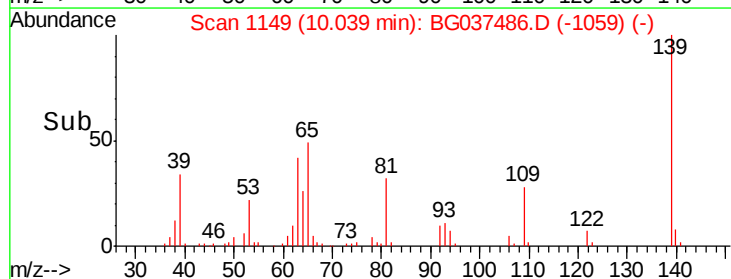
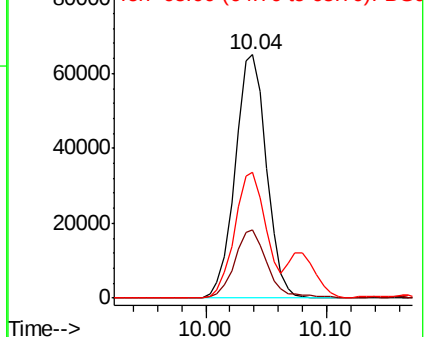
139 100

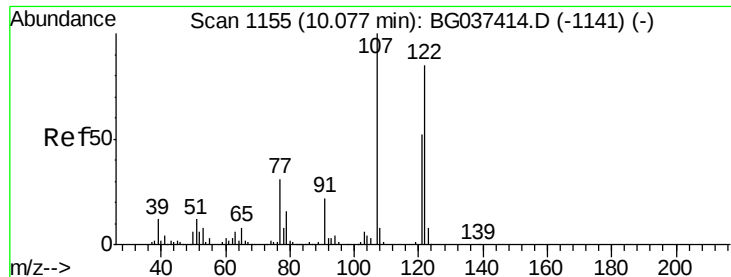
109 28.3 23.3 34.9

65 51.4 39.8 59.8



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

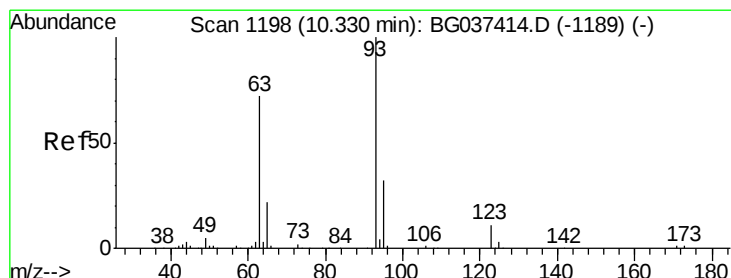
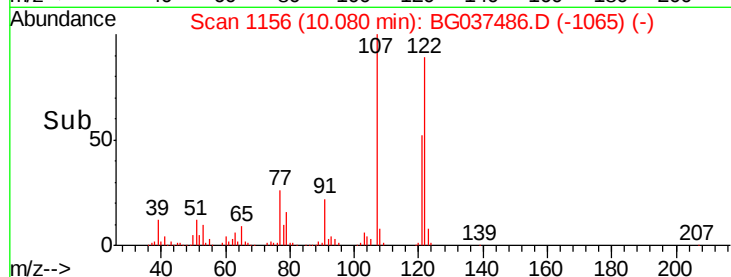
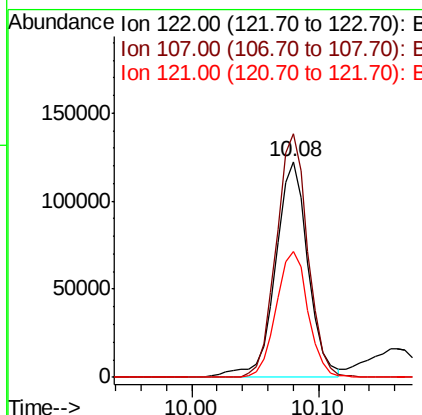
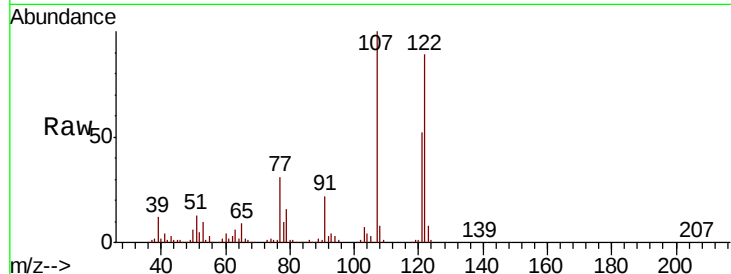




#27
2,4-Dimethylphenol
Concen: 47.231 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

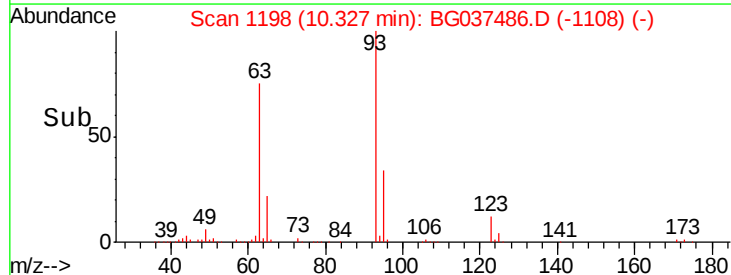
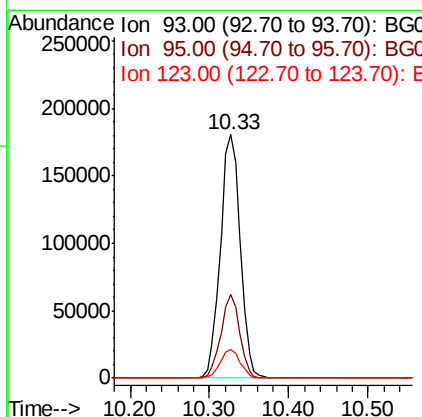
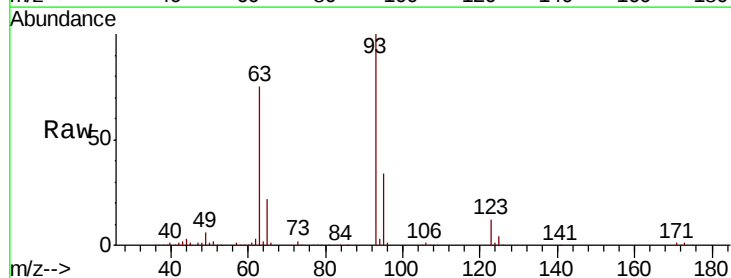
Instrument :
BNA_G
ClientSampleId :

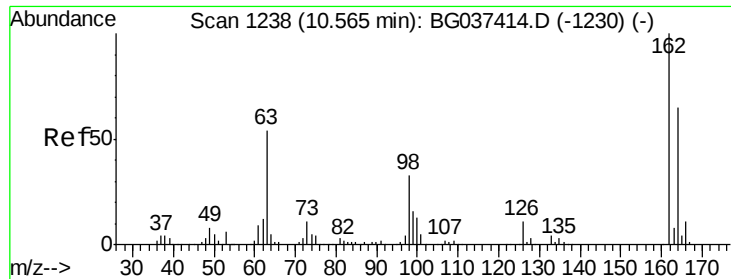
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	94.2	141.2
121	58.5	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.455 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	24.6	37.0
123	11.9	9.1	13.7

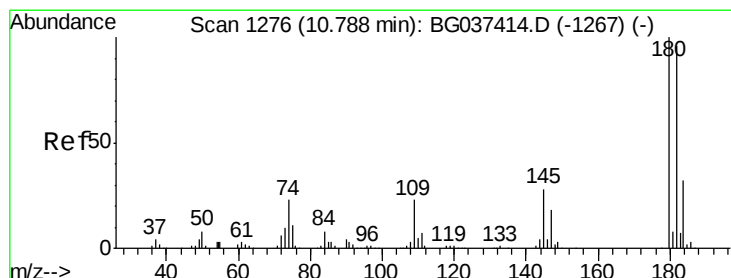
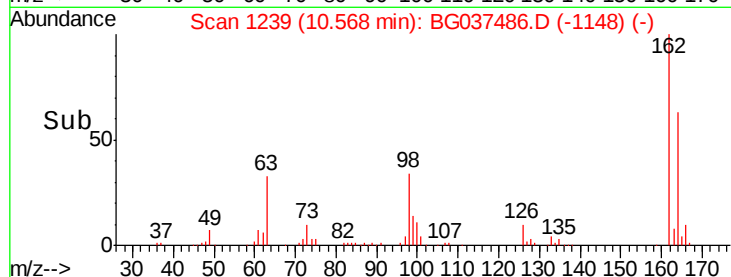
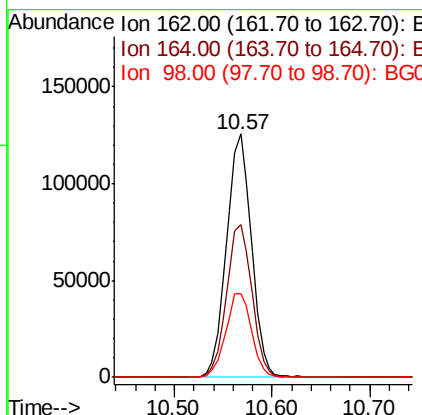
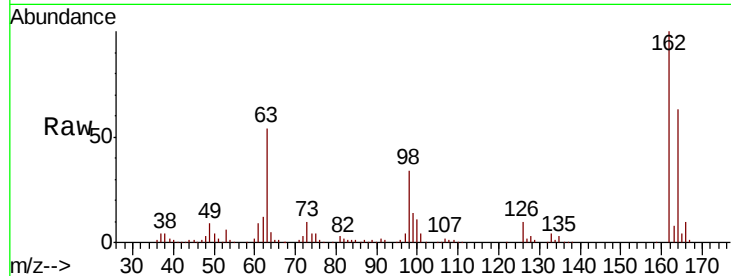




#29
 2,4-Dichlorophenol
 Concen: 43.446 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

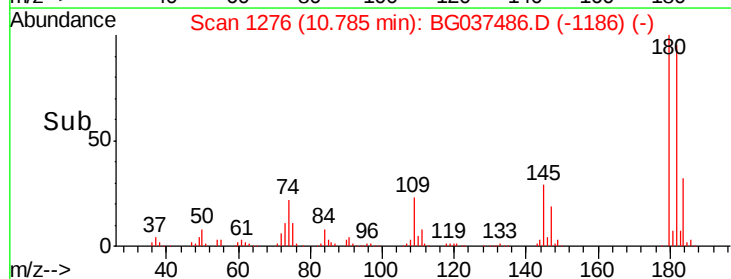
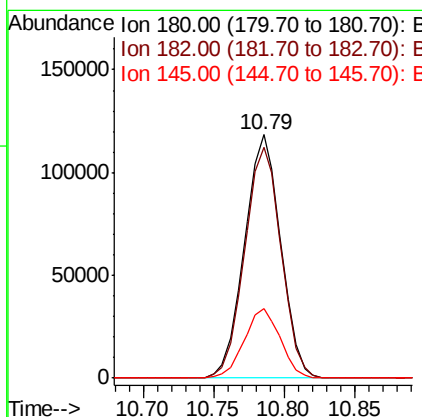
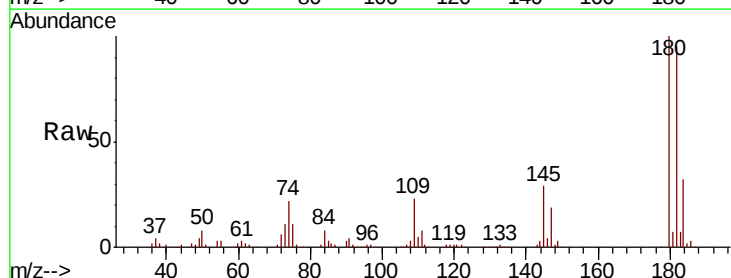
Instrument :
 BNA_G
 ClientSampleId :

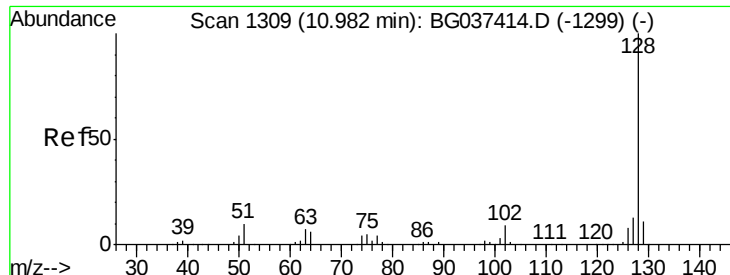
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.2	83.2
98	34.4	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.986 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.7	116.5
145	28.8	23.3	34.9

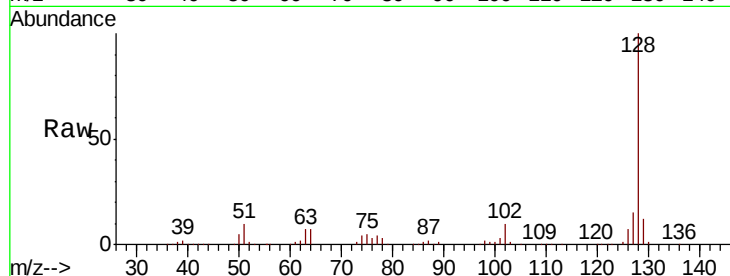




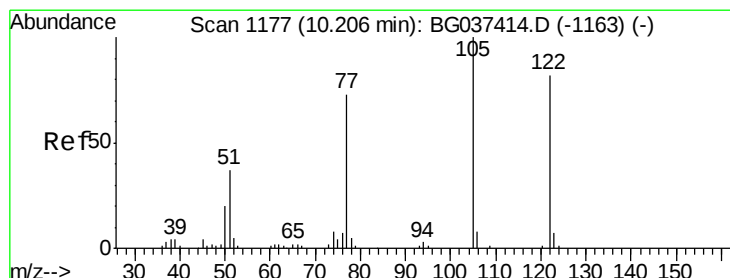
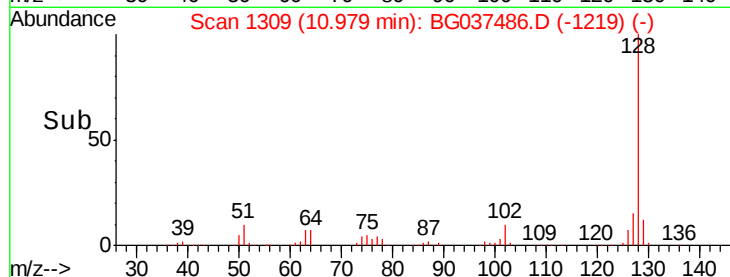
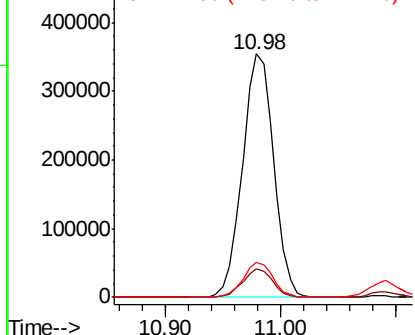
#31
Naphthalene
Concen: 43.690 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 664988
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.6 11.1 16.7

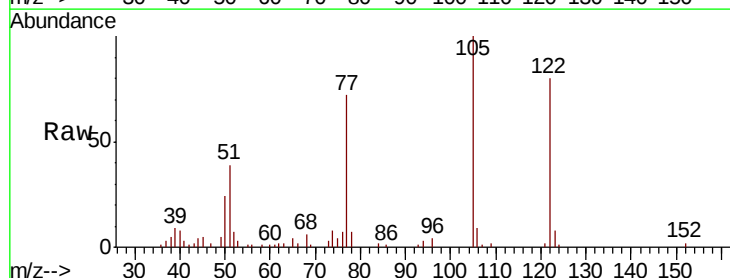


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

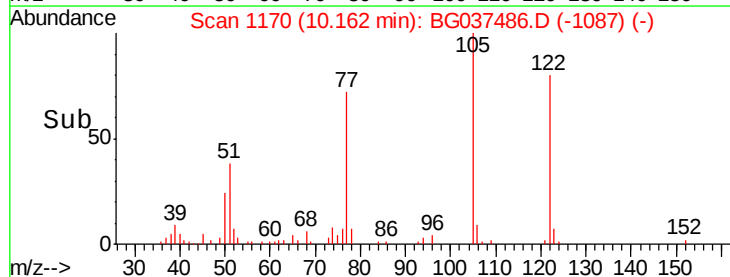
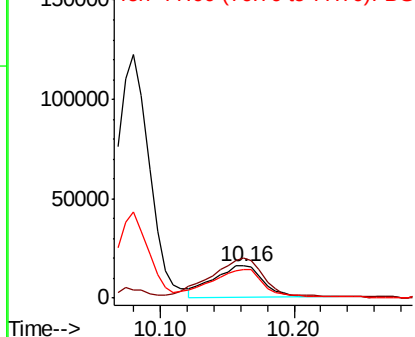


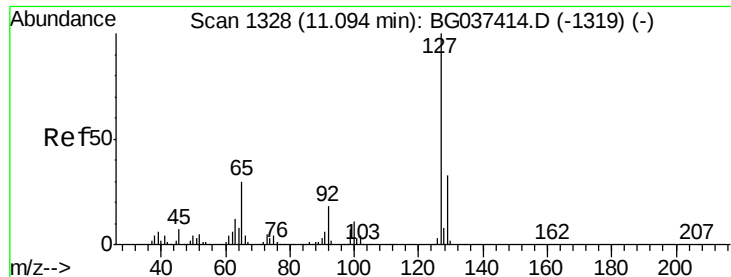
#32
Benzoic acid
Concen: 13.681 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:122 Resp: 41073
Ion Ratio Lower Upper
122 100
105 125.3 106.7 146.7
77 90.5 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

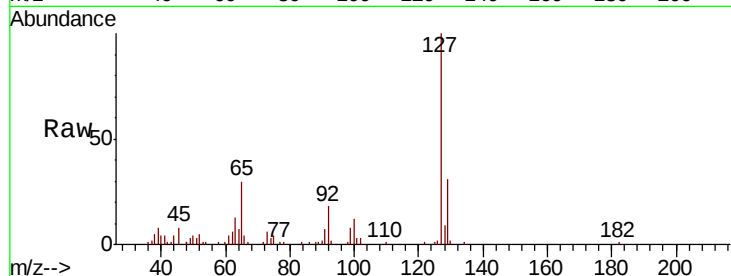




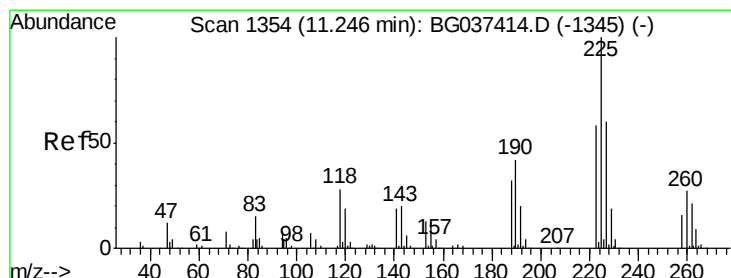
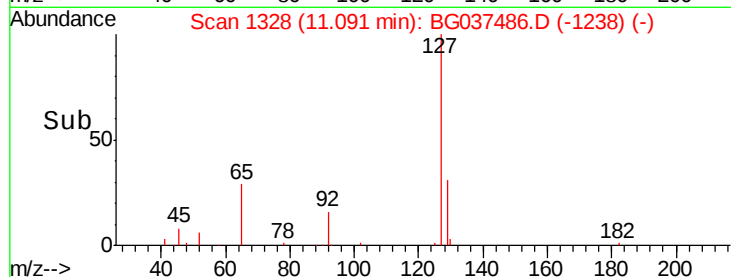
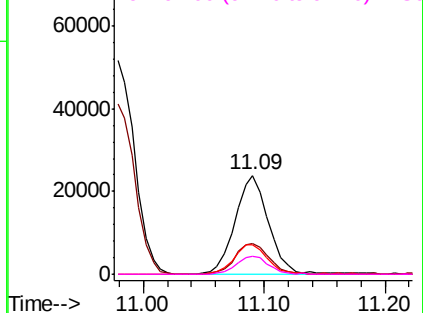
#33
4-Chloroaniline
Concen: 6.421 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	45919
Ion	Ratio	Lower	Upper
127	100		
129	31.1	27.1	40.7
65	30.0	26.6	39.8
92	18.1	16.4	24.6

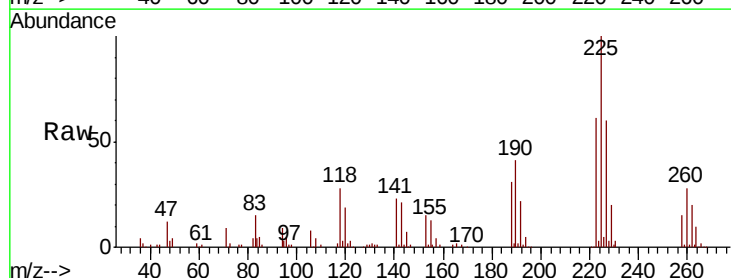


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

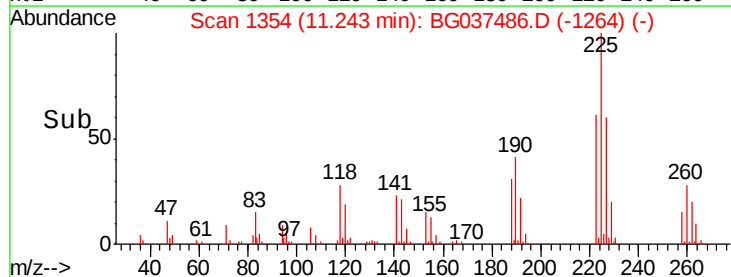
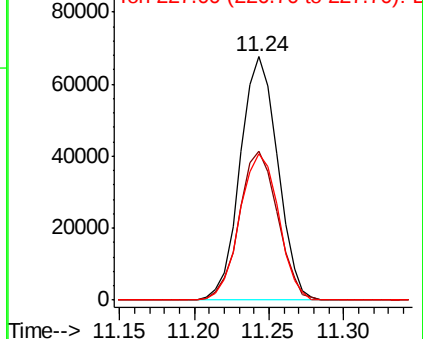


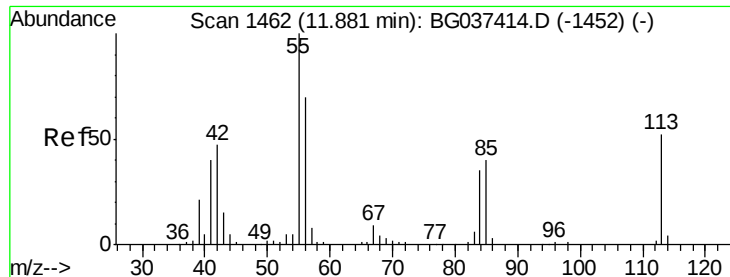
#34
Hexachlorobutadiene
Concen: 35.535 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:	225	Resp:	117870
Ion	Ratio	Lower	Upper
225	100		
223	58.3	48.2	72.4
227	59.9	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

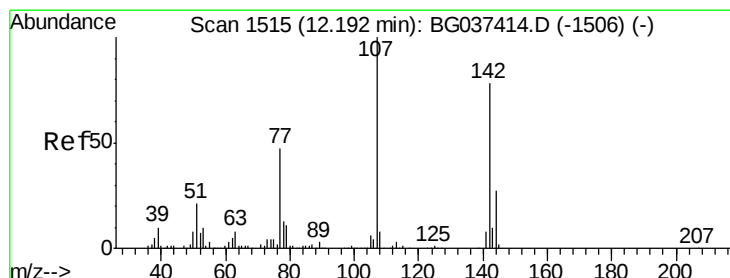
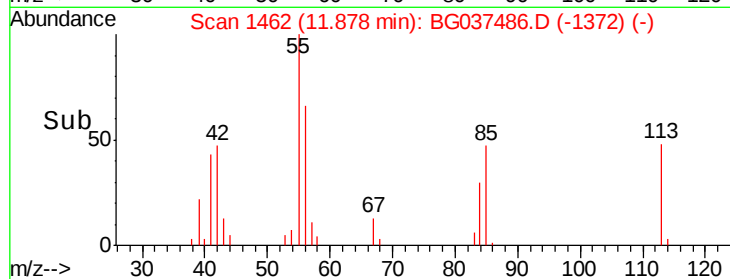
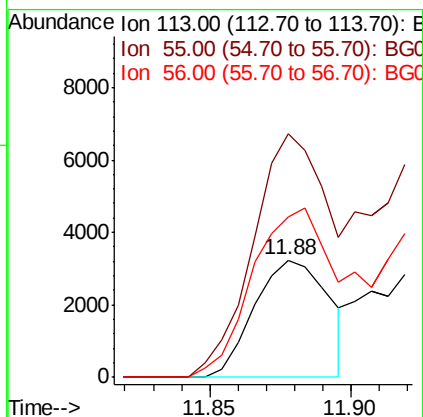
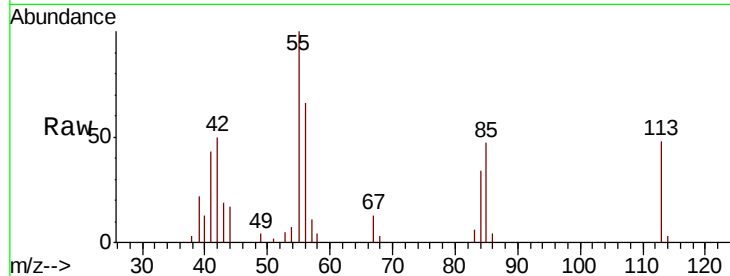




#35
 Caprolactam
 Concen: 2.869 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

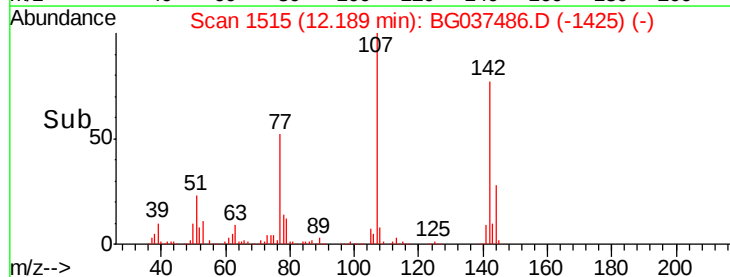
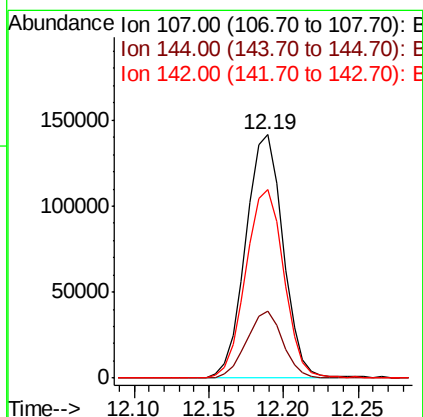
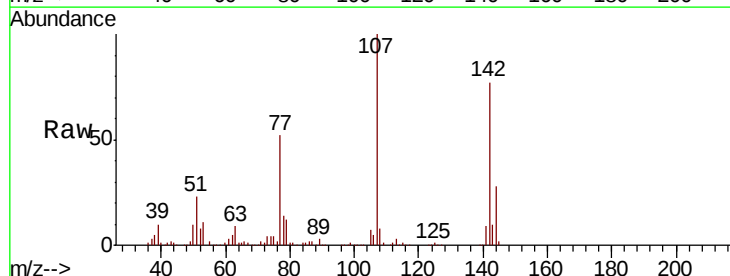
Instrument :
 BNA_G
 ClientSampleId :

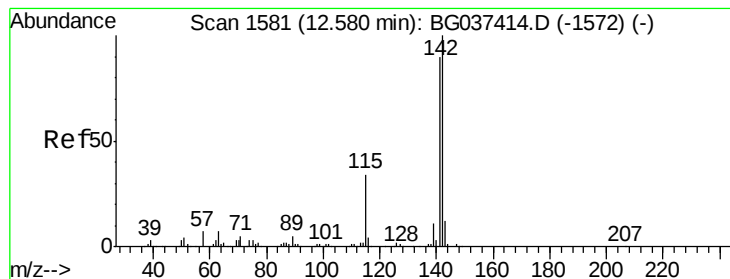
Tot Ion:113 Resp: 5922
 Ion Ratio Lower Upper
 113 100
 55 207.3 176.6 216.6
 56 136.4 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.231 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion:107 Resp: 245109
 Ion Ratio Lower Upper
 107 100
 144 27.7 20.7 31.1
 142 77.3 64.4 96.6





#37

2-Methylnaphthalene

Concen: 47.096 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

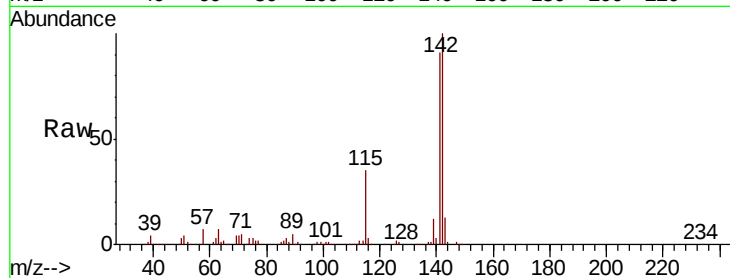
Tot Ion:142 Resp: 522542

Ion Ratio Lower Upper

142 100

141 91.1 71.9 107.9

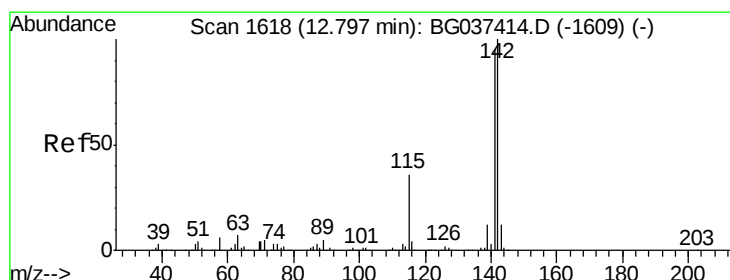
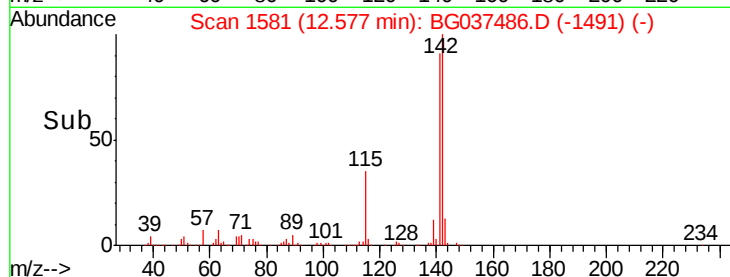
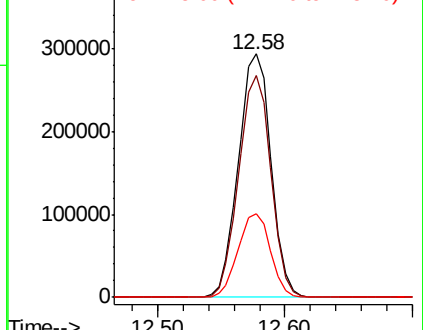
115 34.5 27.8 41.8



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: 46.732 ng

RT: 12.79 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

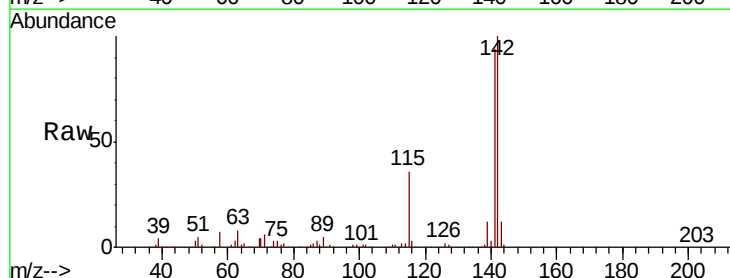
Tgt Ion:142 Resp: 503542

Ion Ratio Lower Upper

142 100

141 94.2 75.2 112.8

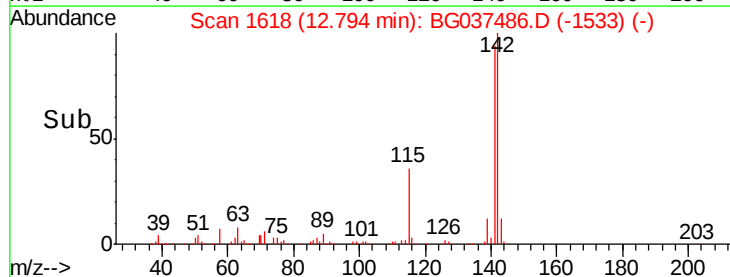
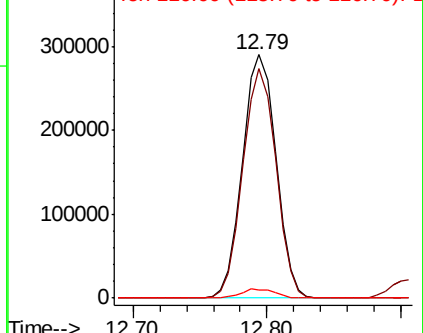
116 3.5 3.3 4.9

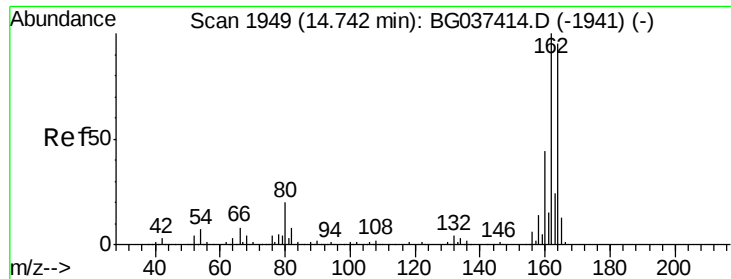


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

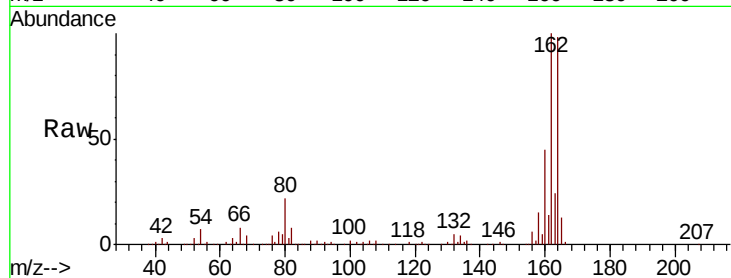
Tot Ion:164 Resp: 203660

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

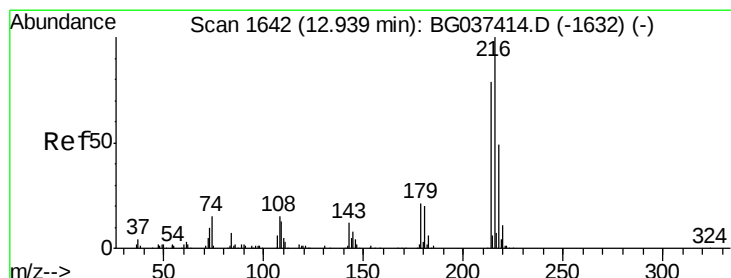
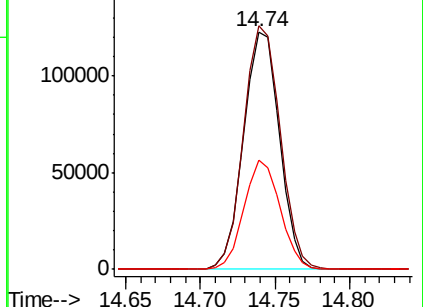
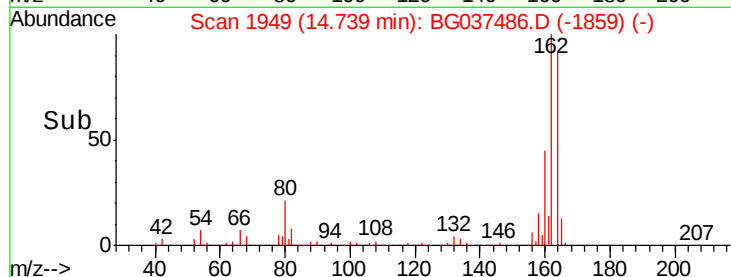
160 46.0 36.3 54.5



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: 40.294 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion:216 Resp: 264700

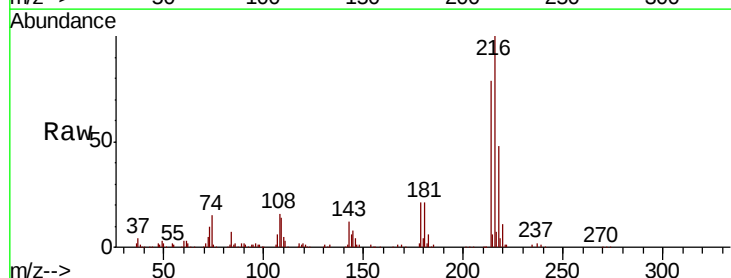
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.6

179 21.2 17.4 26.0

108 19.5 13.9 20.9

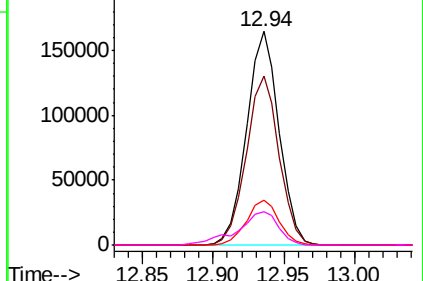
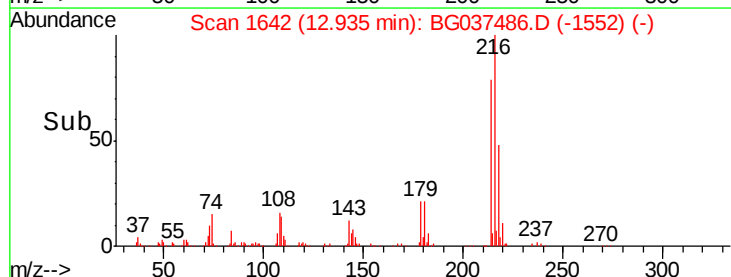


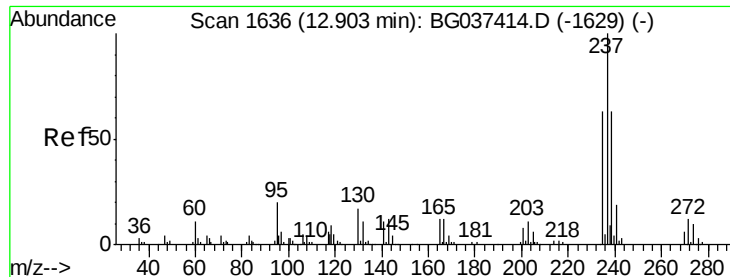
Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.346 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

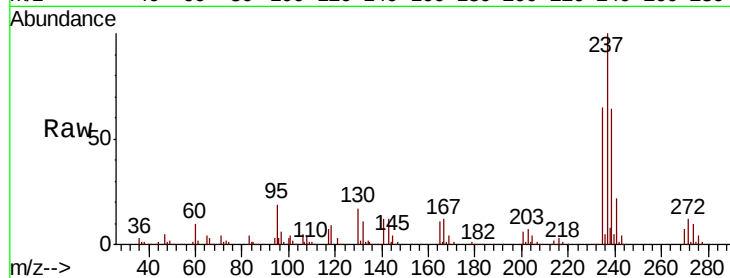
Tot Ion:237 Resp: 305464

Ion Ratio Lower Upper

237 100

235 65.5 42.5 82.5

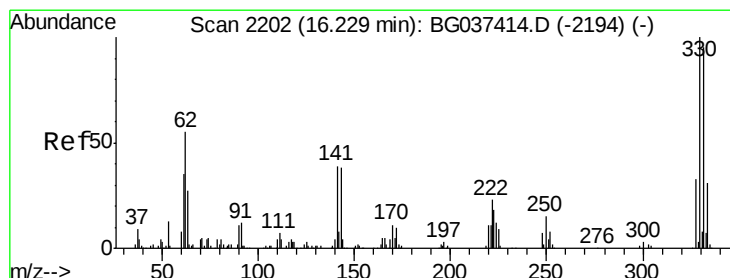
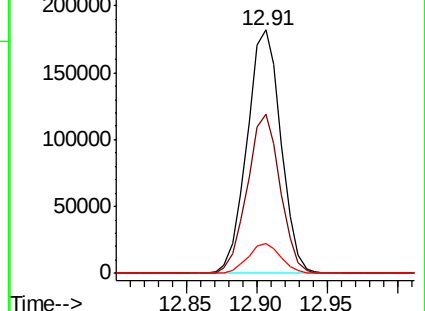
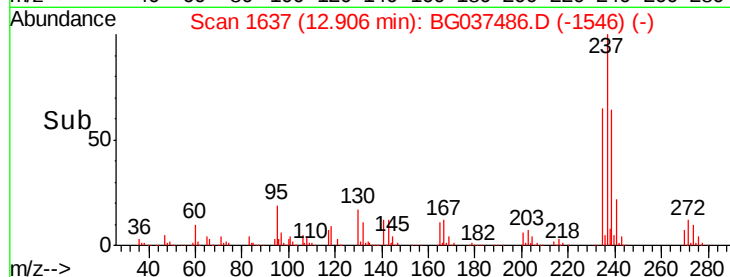
272 12.5 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.448 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

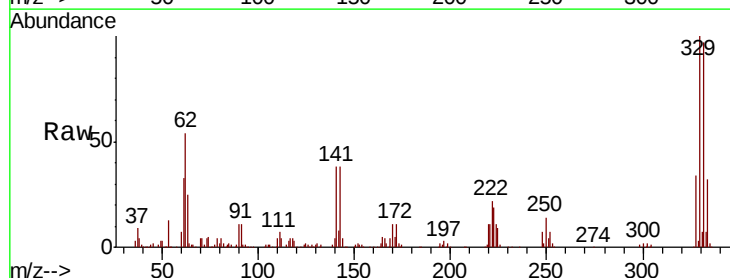
Tgt Ion:330 Resp: 260888

Ion Ratio Lower Upper

330 100

332 96.9 78.4 117.6

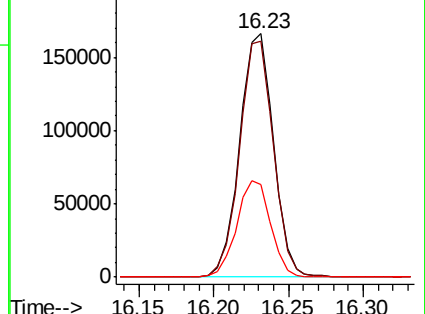
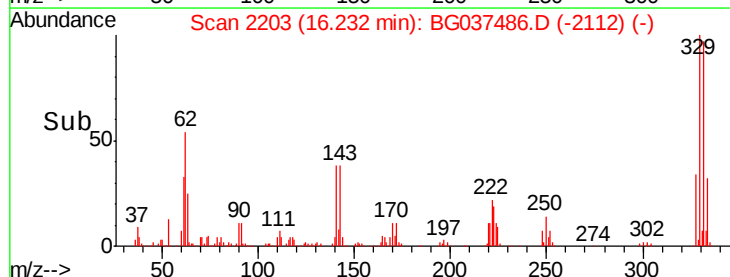
141 39.9 32.2 48.2

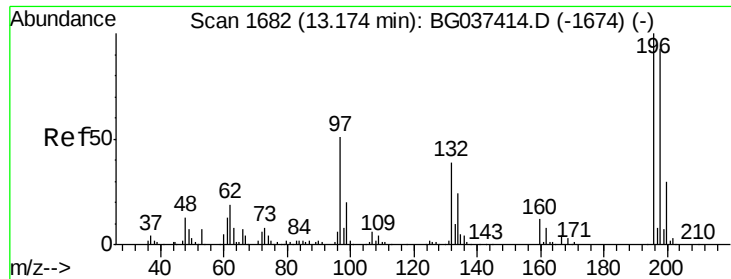


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

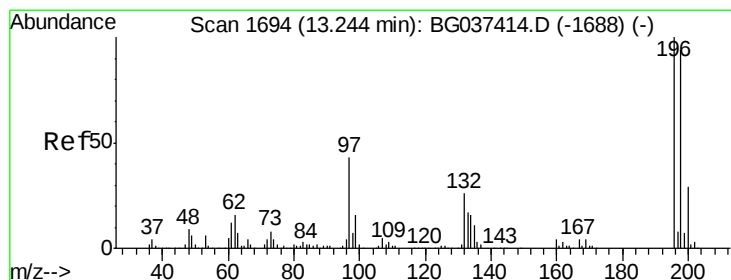
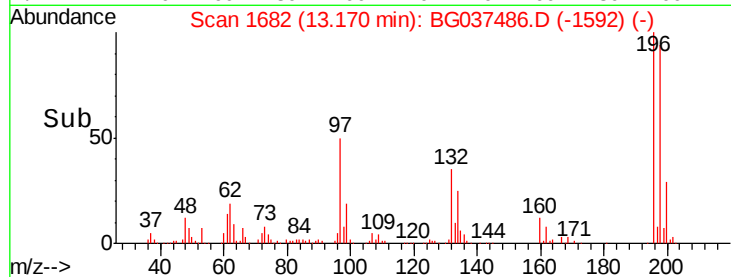
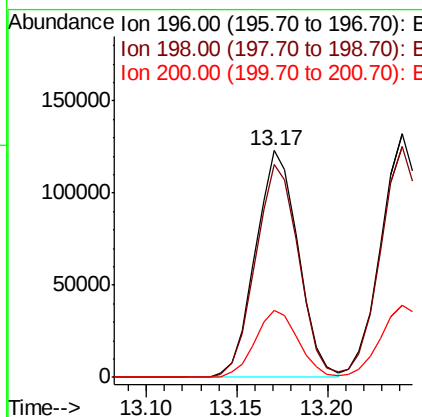
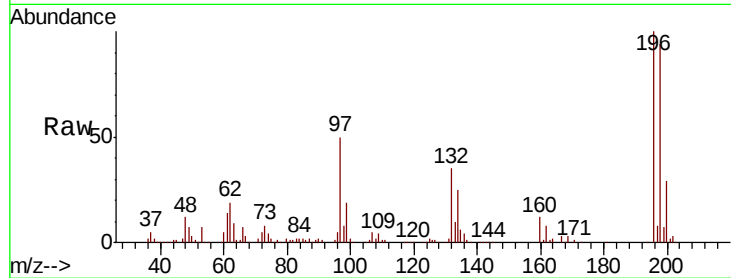




#43
 2,4,6-Trichlorophenol
 Concen: 45.991 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

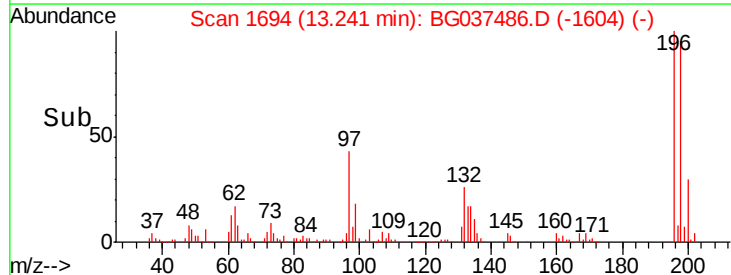
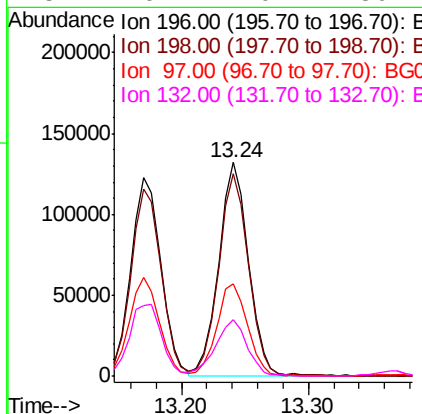
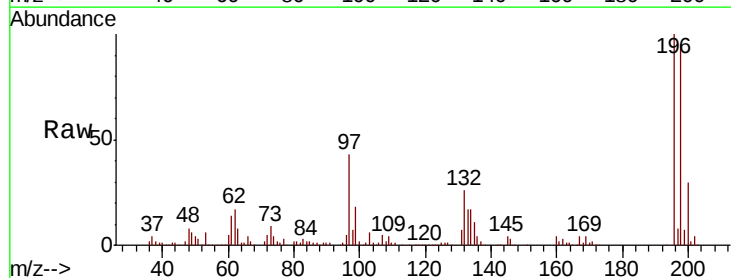
Instrument :
 BNA_G
 ClientSampleId :

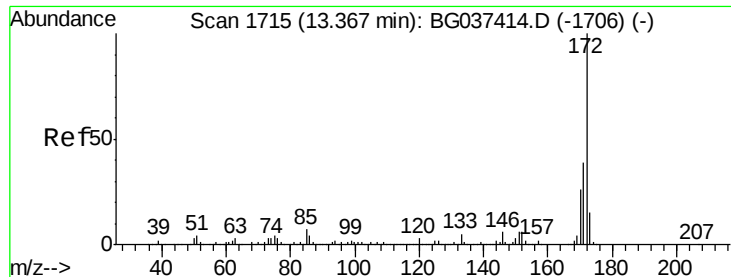
Tot Ion:196 Resp: 201843
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.4 114.6
 200 29.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.702 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion:196 Resp: 213602
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.2 111.2
 97 43.3 34.1 51.1
 132 26.2 20.2 30.4

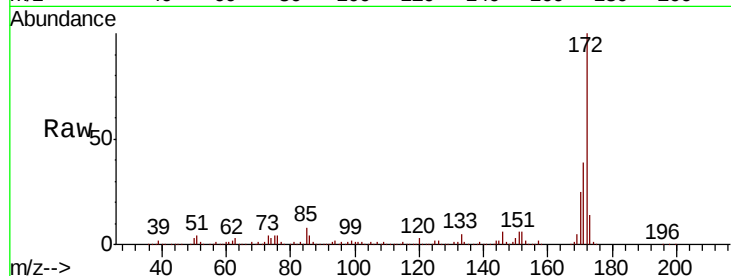




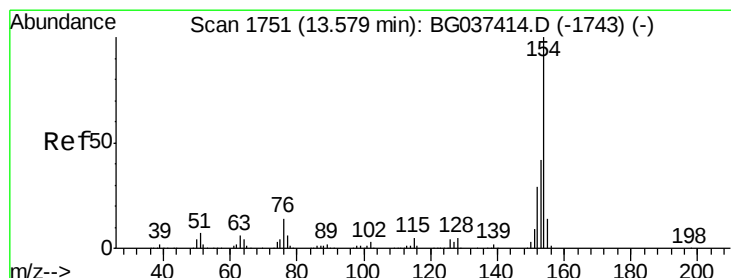
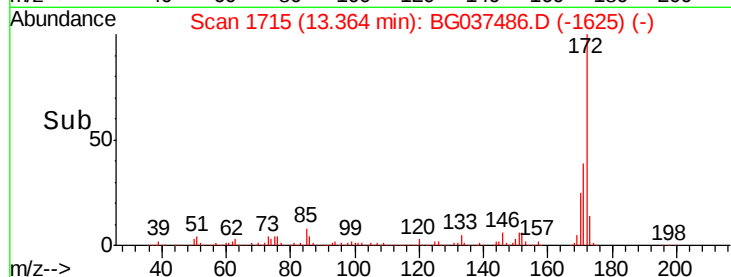
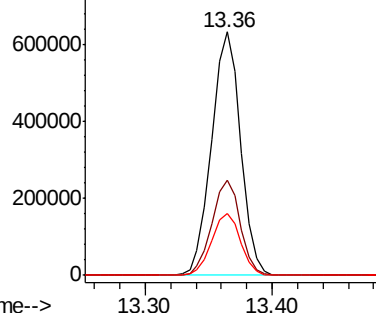
#45
2-Fluorobiphenyl
Concen: 74.355 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1004224
Ion Ratio Lower Upper
172 100
171 39.2 31.0 46.4
170 25.3 20.2 30.2

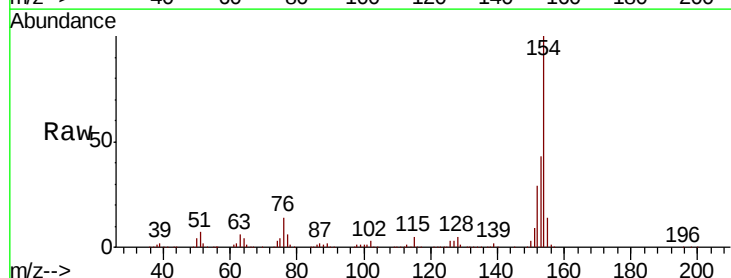


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

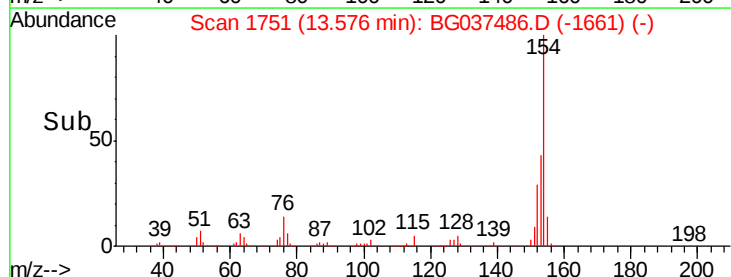
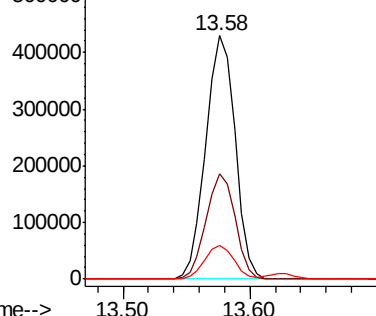


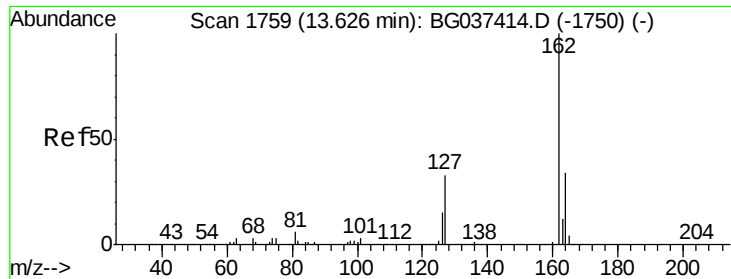
#46
1,1'-Biphenyl
Concen: 40.811 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:154 Resp: 688347
Ion Ratio Lower Upper
154 100
153 43.4 22.1 62.1
76 13.8 0.0 33.2



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

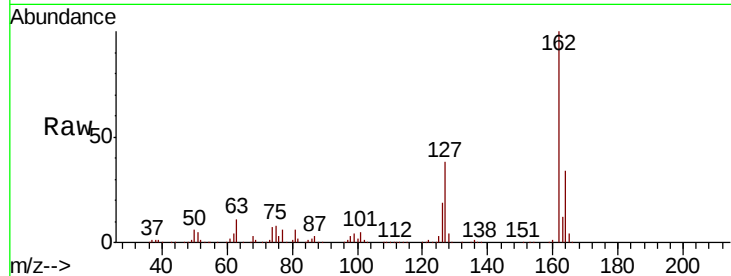




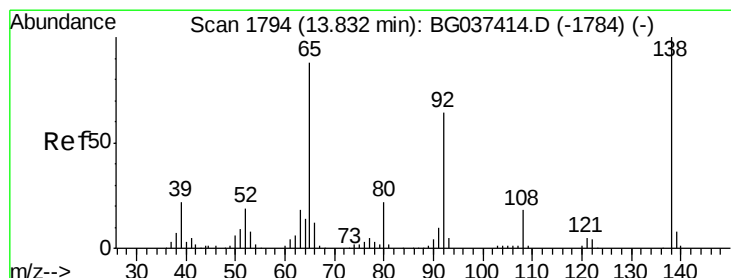
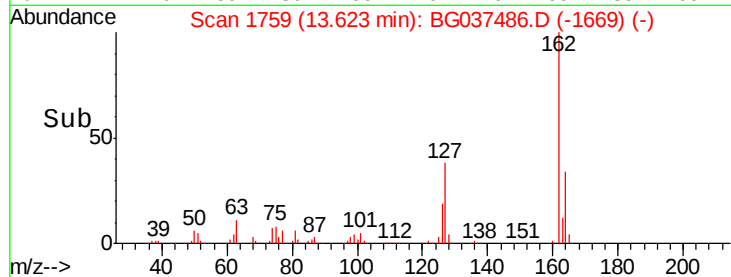
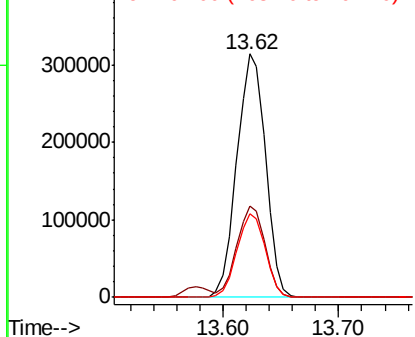
#47
 2-Chloronaphthalene
 Concen: 42.233 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.5	45.7
164	34.2	26.4	39.6

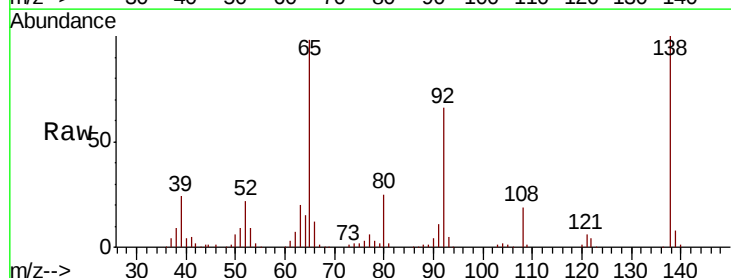


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

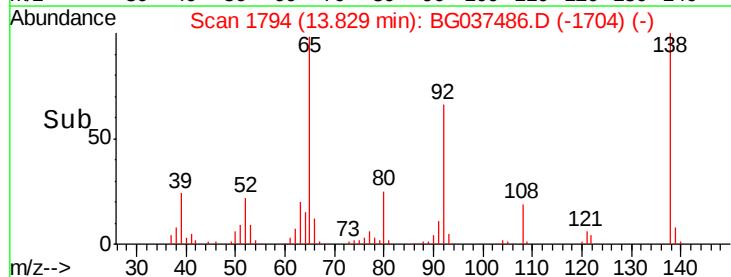
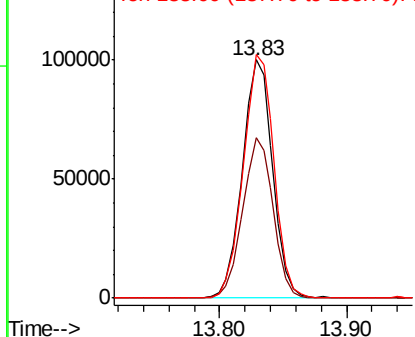


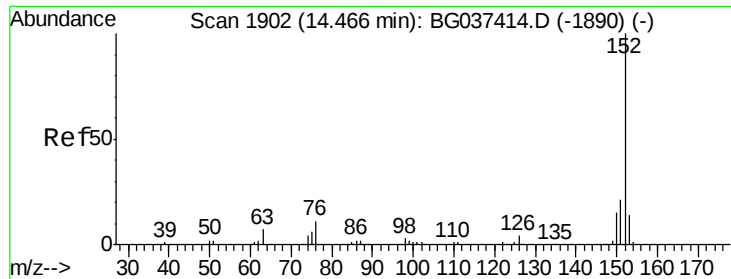
#48
 2-Nitroaniline
 Concen: 42.886 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.2	79.8
138	102.3	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: 46.725 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

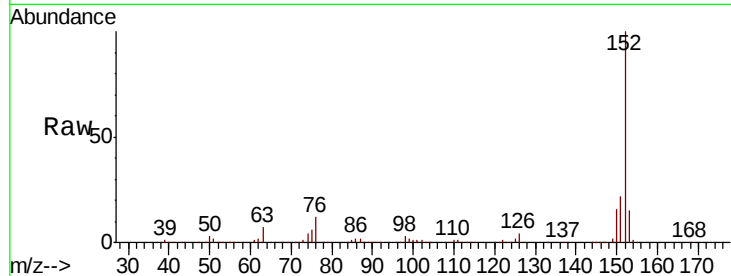
Tot Ion:152 Resp: 896877

Ion Ratio Lower Upper

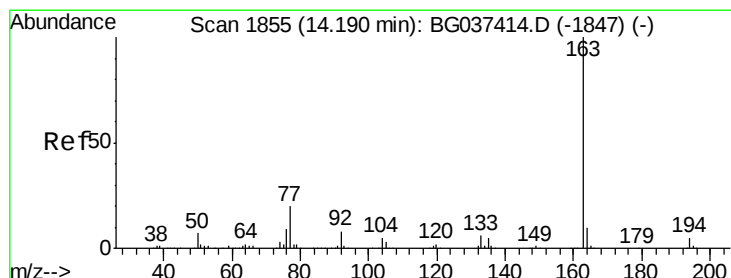
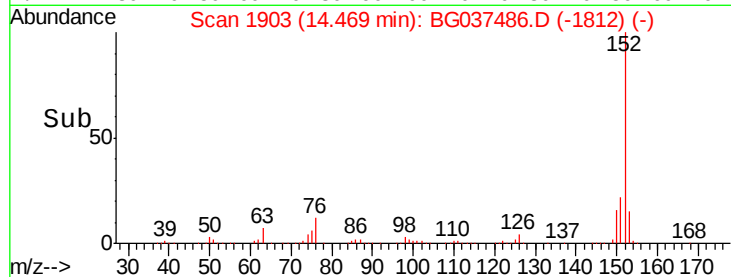
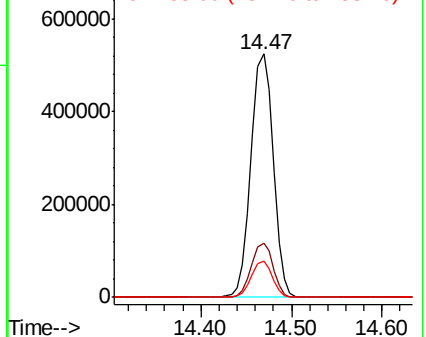
152 100

151 22.2 17.1 25.7

153 14.7 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: 47.897 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

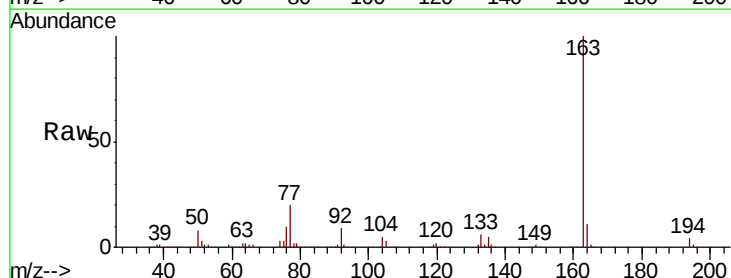
Tgt Ion:163 Resp: 754641

Ion Ratio Lower Upper

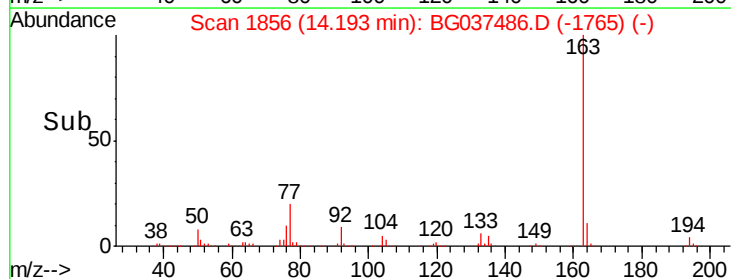
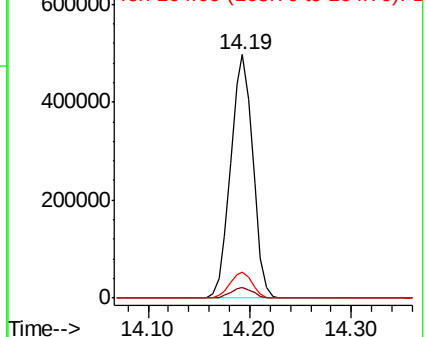
163 100

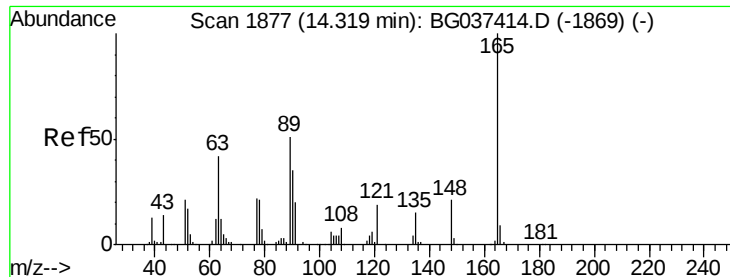
194 4.3 3.5 5.3

164 10.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

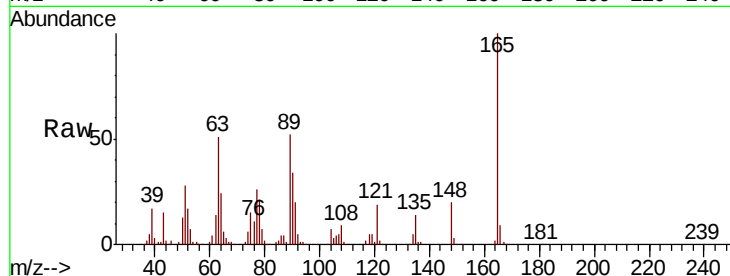




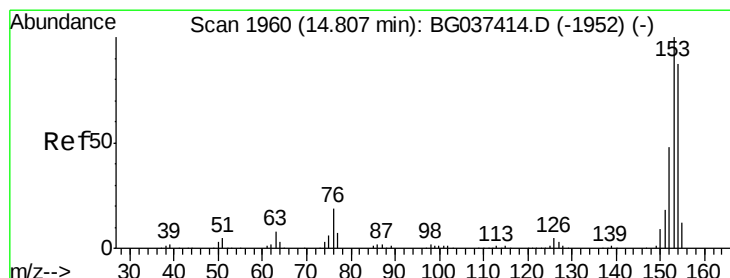
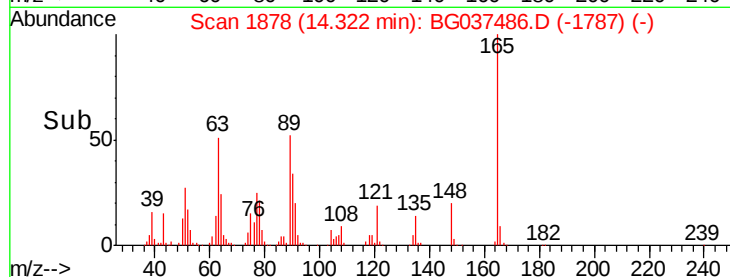
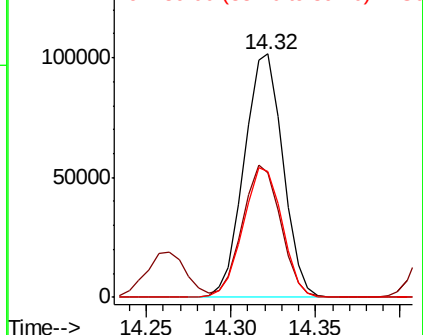
#51
 2,6-Dinitrotoluene
 Concen: 46.580 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 162350
 Ion Ratio Lower Upper
 165 100
 63 51.3 43.4 65.2
 89 51.9 45.8 68.6

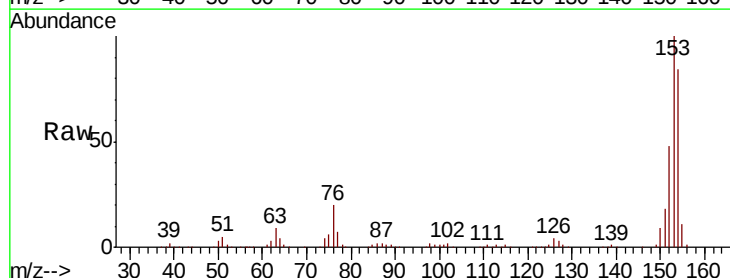


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

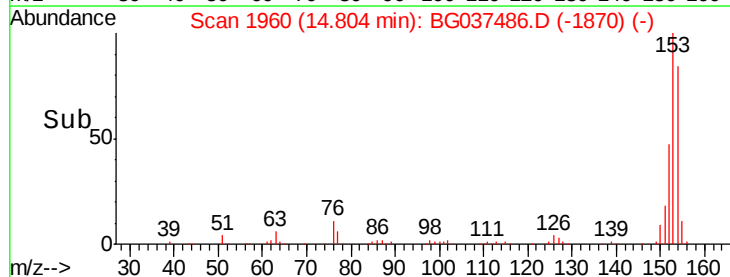
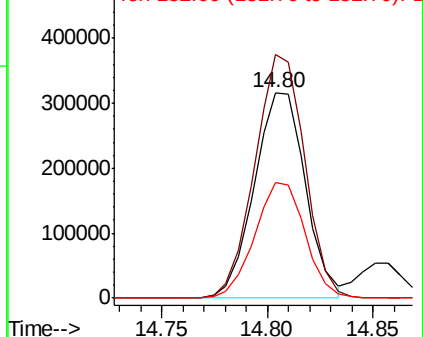


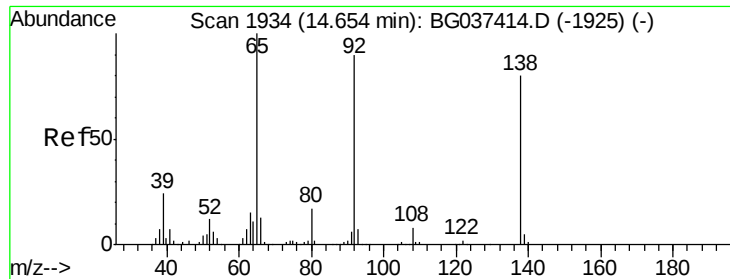
#52
 Acenaphthene
 Concen: 44.939 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion:154 Resp: 531253
 Ion Ratio Lower Upper
 154 100
 153 118.5 93.4 140.0
 152 56.5 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

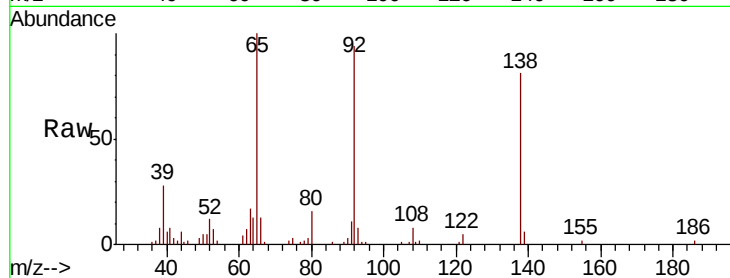




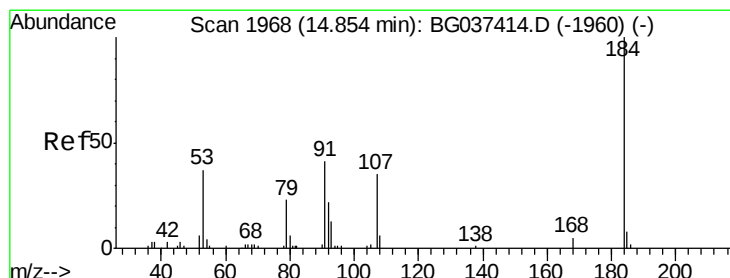
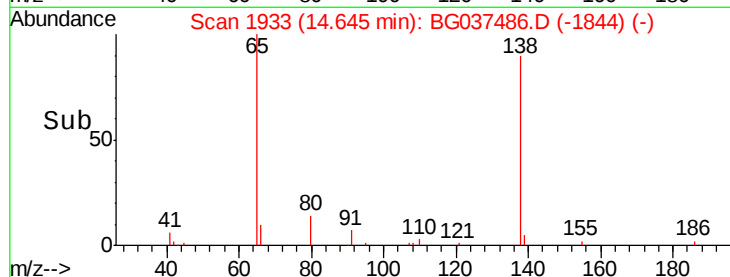
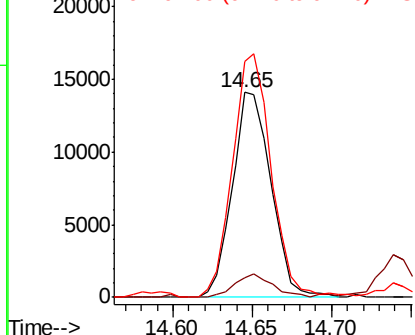
#53
3-Nitroaniline
Concen: 6.170 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 23872
Ion Ratio Lower Upper
138 100
108 9.9 11.0 16.6#
92 115.2 95.2 142.8

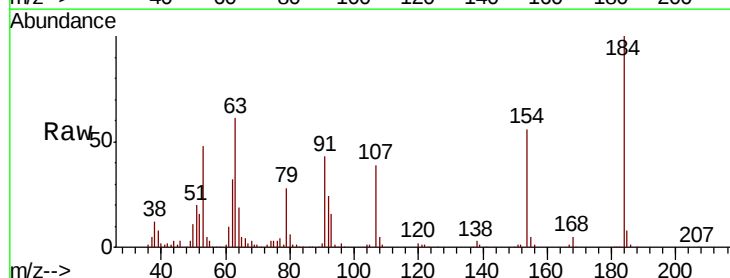


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG

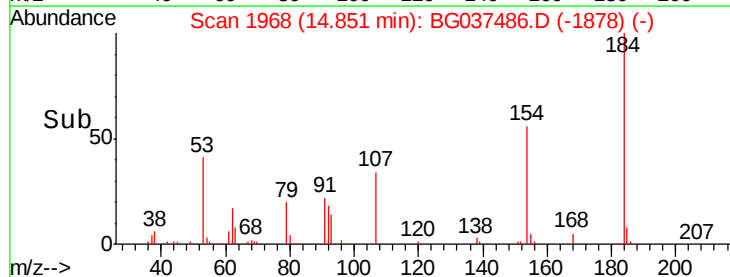
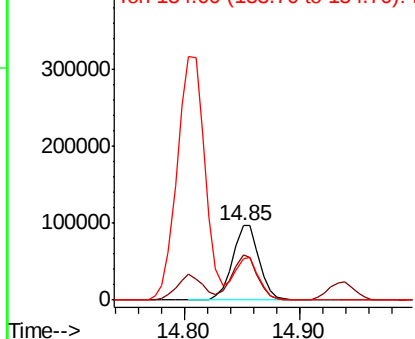


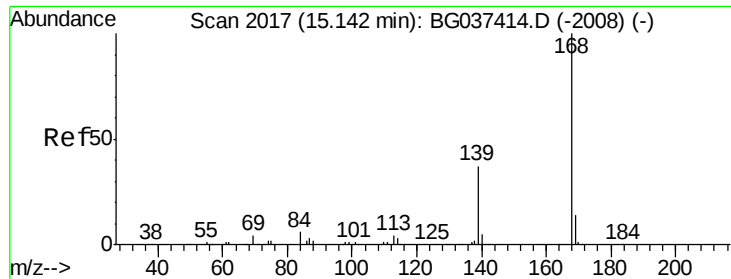
#54
2,4-Dinitrophenol
Concen: 91.945 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:184 Resp: 156175
Ion Ratio Lower Upper
184 100
63 61.4 42.6 63.8
154 55.7 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

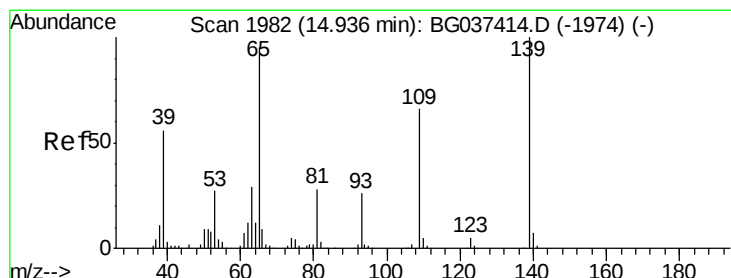
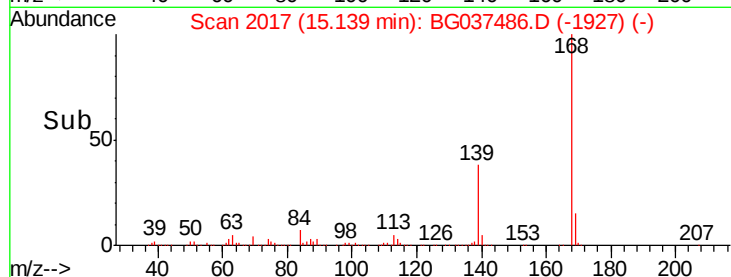
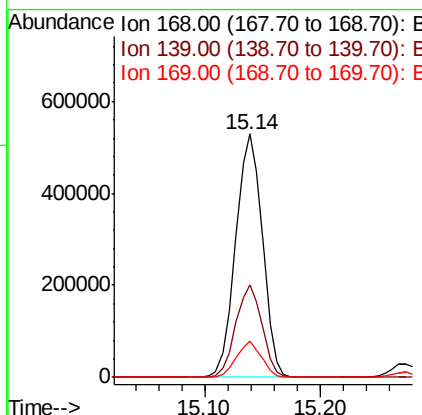
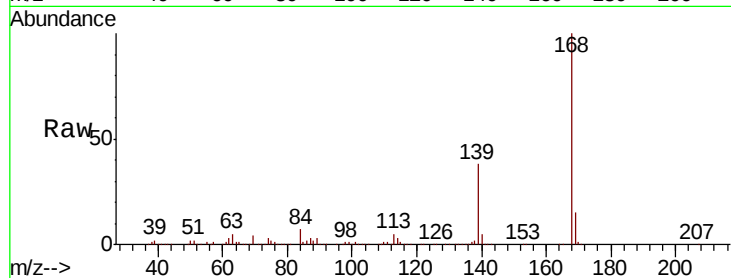




#55
Dibenzenofuran
Concen: 43.249 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

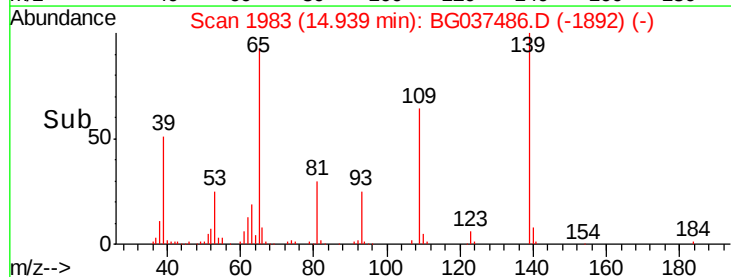
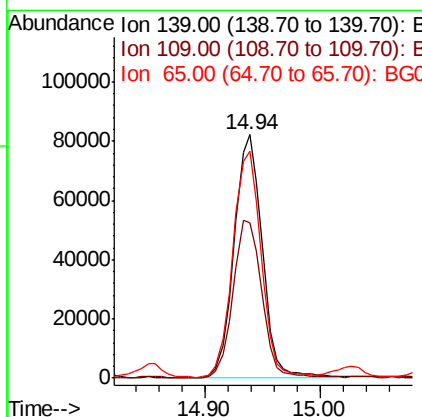
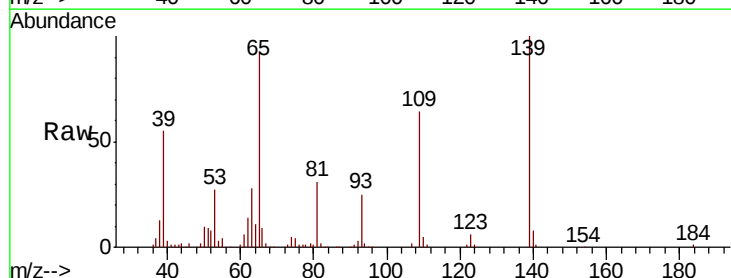
Instrument :
BNA_G
ClientSampleId :

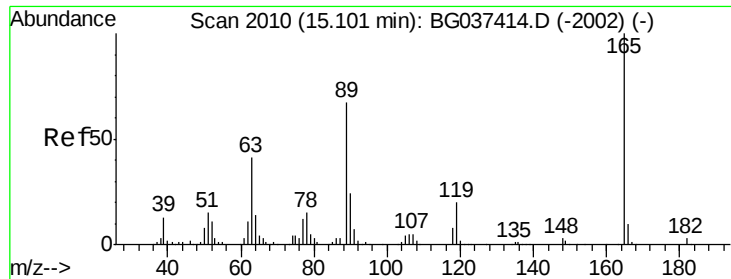
Tot Ion:168 Resp: 847076
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0
169 14.7 11.0 16.6



#56
4-Nitrophenol
Concen: 48.329 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:139 Resp: 138417
Ion Ratio Lower Upper
139 100
109 64.0 49.5 89.5
65 93.4 76.8 116.8

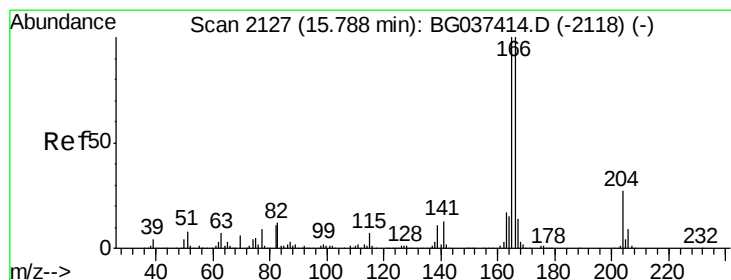
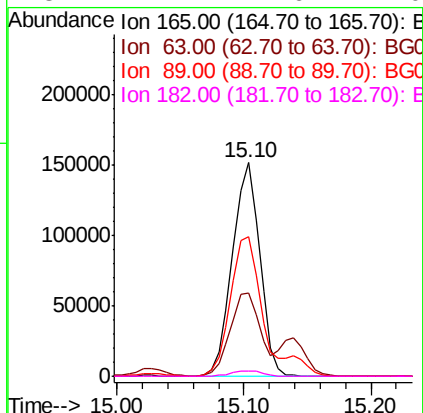
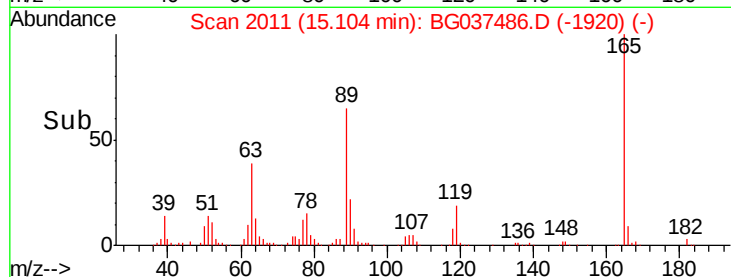
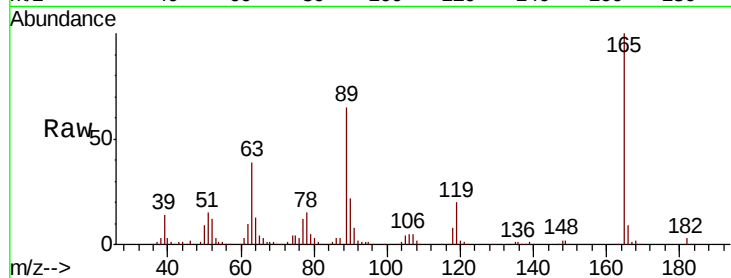




#57
2,4-Dinitrotoluene
Concen: 49.772 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

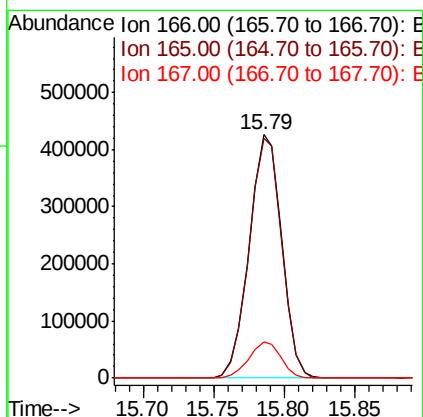
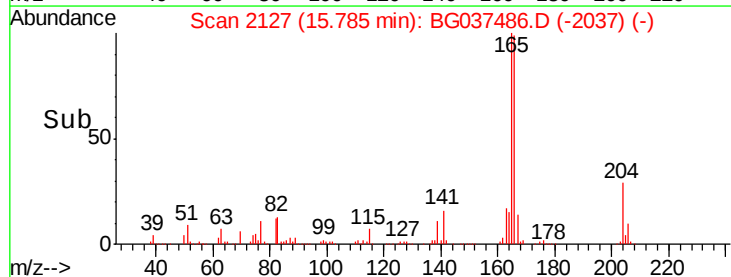
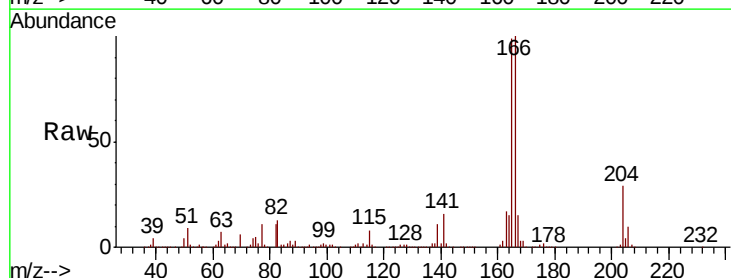
Instrument :
BNA_G
ClientSampleId :

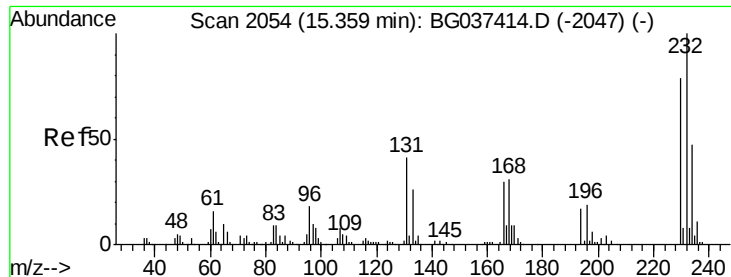
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.0	33.4	50.0
89	65.0	57.2	85.8
182	2.7	2.6	4.0



#58
Fluorene
Concen: 46.959 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.6
167	14.8	11.3	16.9

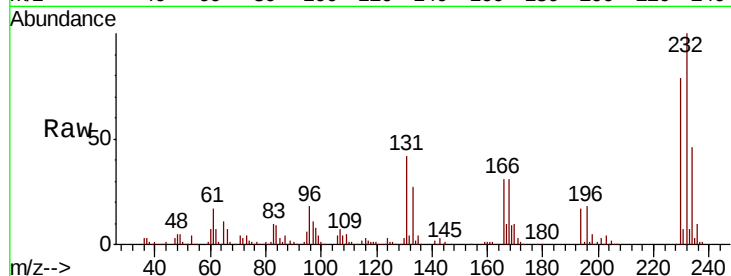




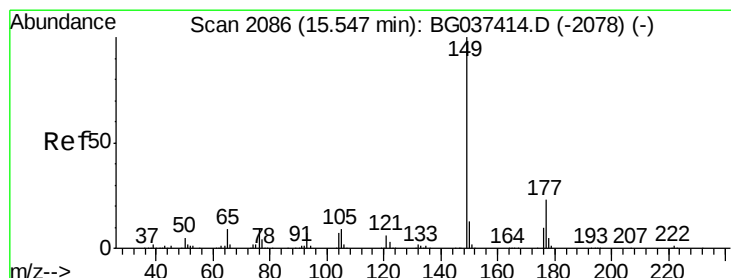
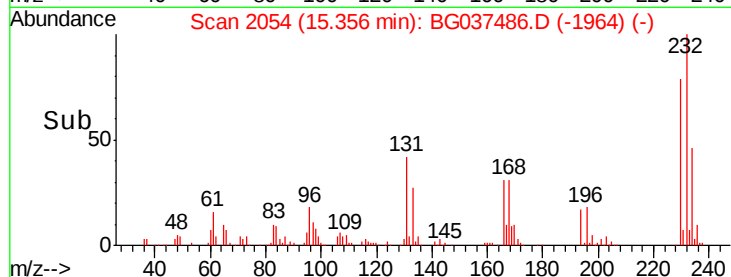
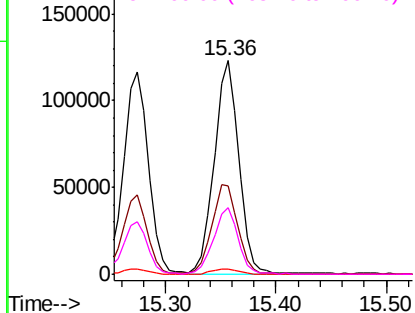
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.638 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	33.7	50.5
130	2.7	2.1	3.1
166	30.8	24.6	36.8

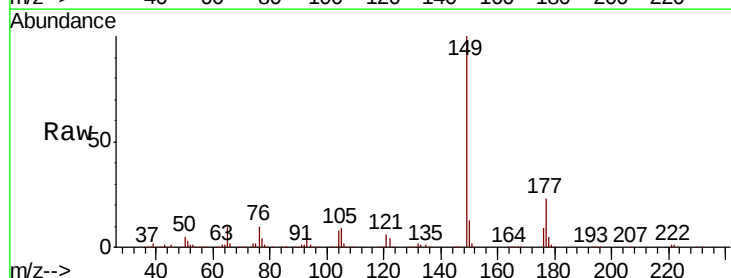


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

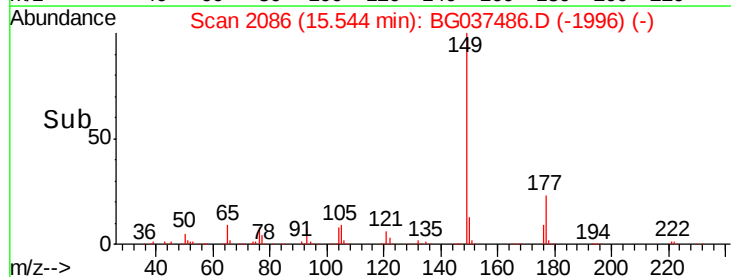
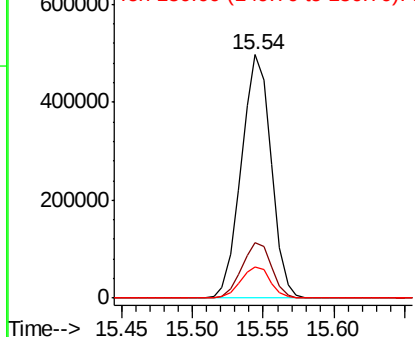


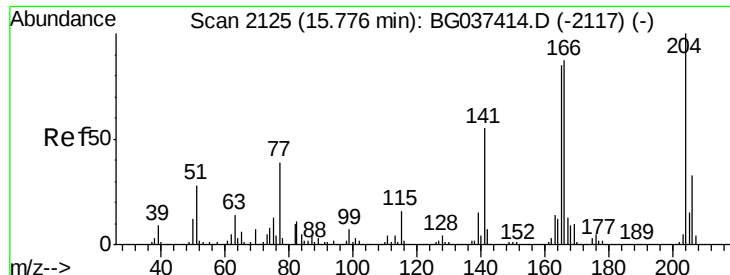
#60
Diethylphthalate
Concen: 45.440 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	13.0	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

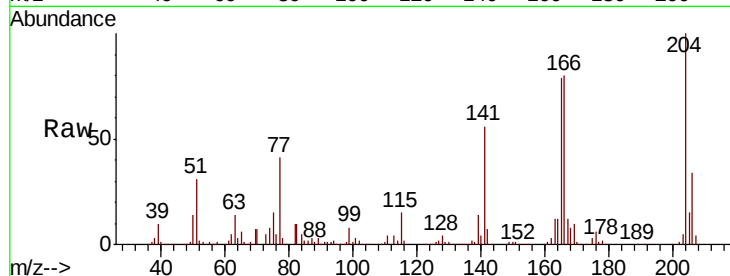




#61
4-Chlorophenyl-phenylether
Concen: 42.561 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.6	39.8
141	56.3	45.4	68.2

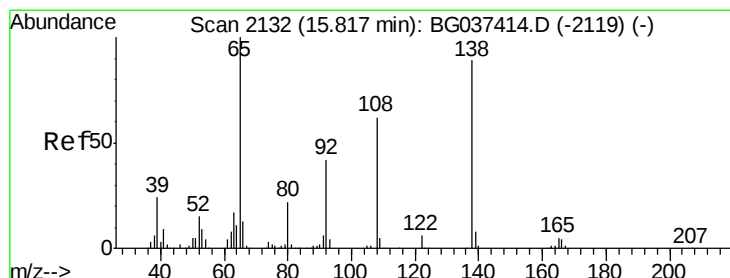
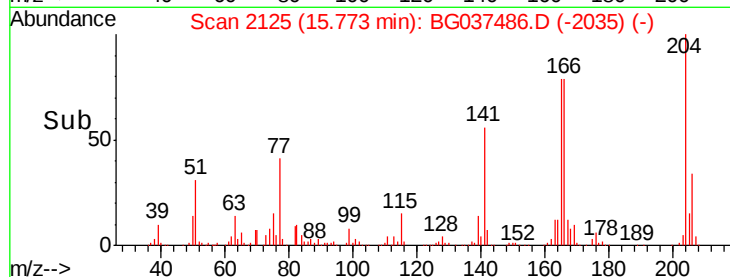
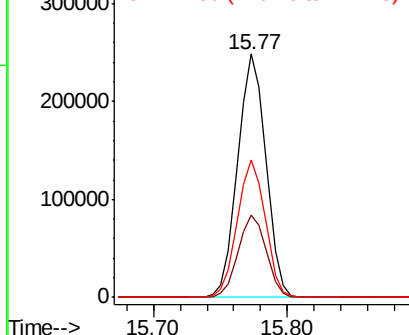


Abundance

Ion 204.00 (203.70 to 204.70): E

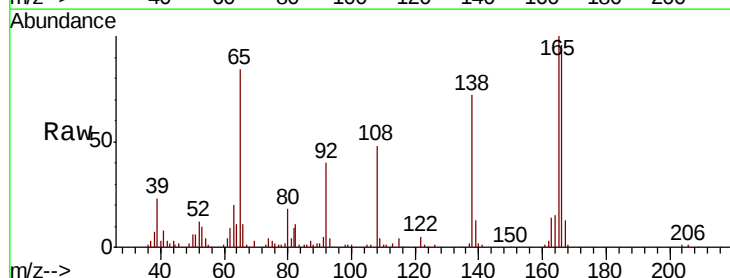
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 15.318 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.5	36.4	76.4
108	67.1	60.1	100.1

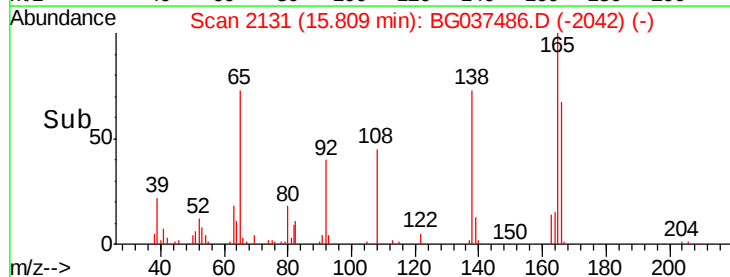
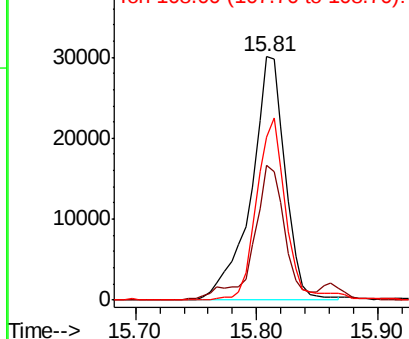


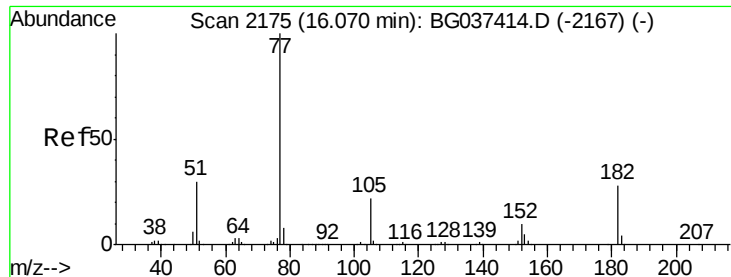
Abundance

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

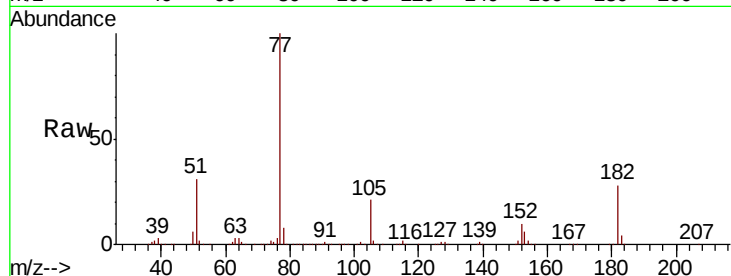




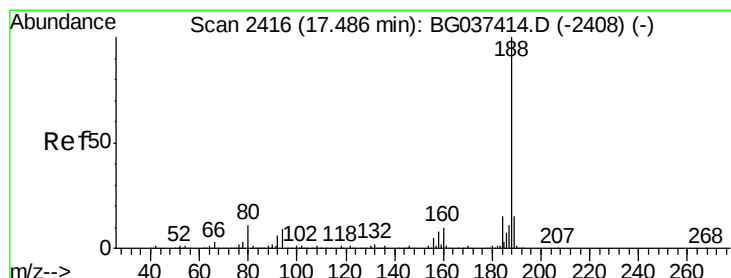
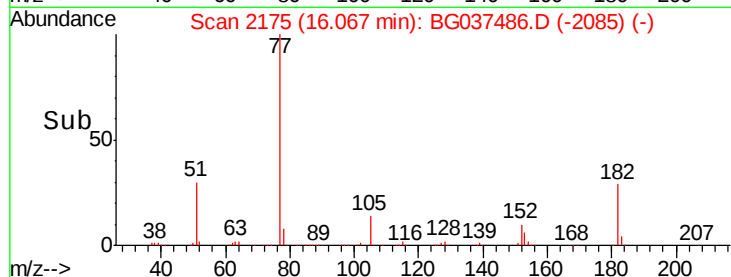
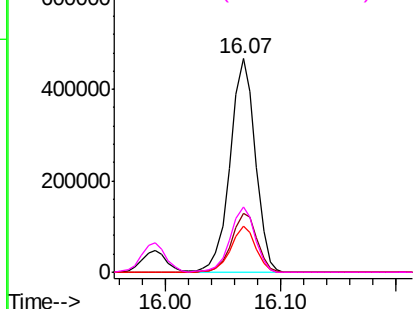
#63
Azobenzene
Concen: 45.602 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	703784
Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.0	48.0
105	21.3	1.3	41.3
51	30.9	10.7	50.7

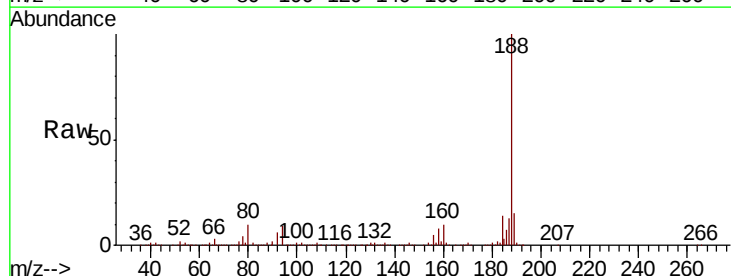


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

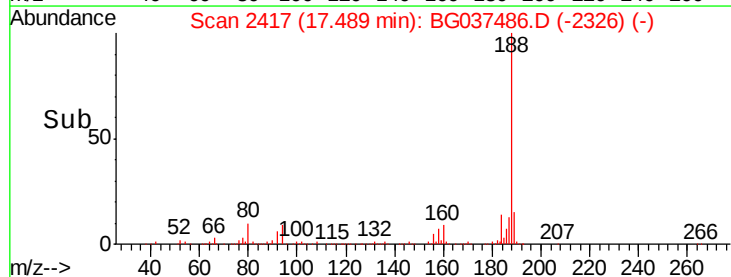
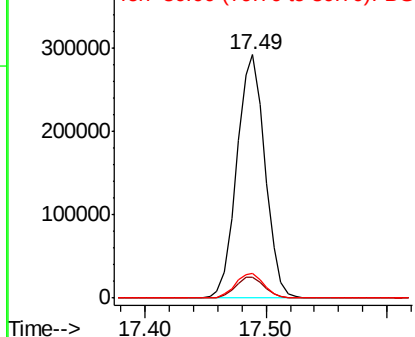


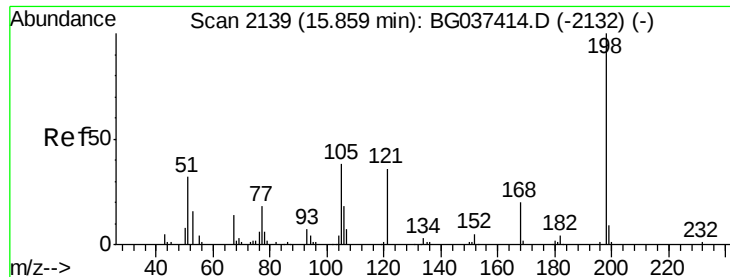
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:	188	Resp:	474312
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.3	7.7	11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.899 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

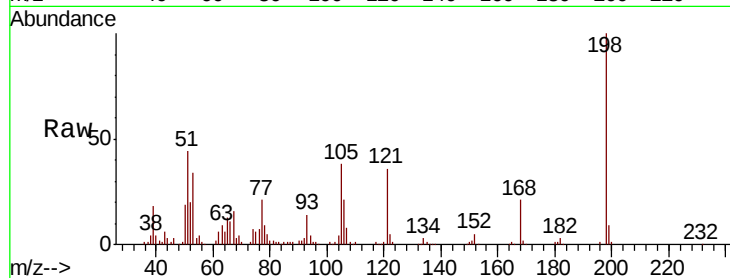
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 113116

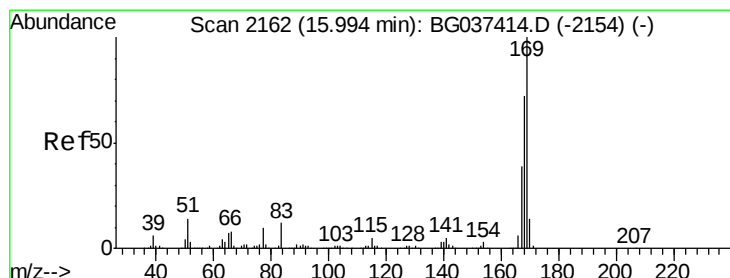
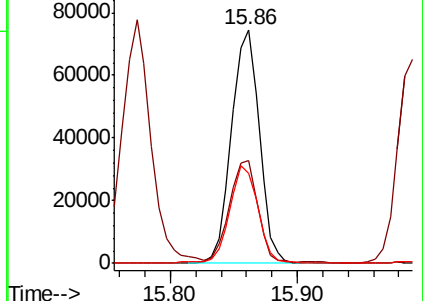
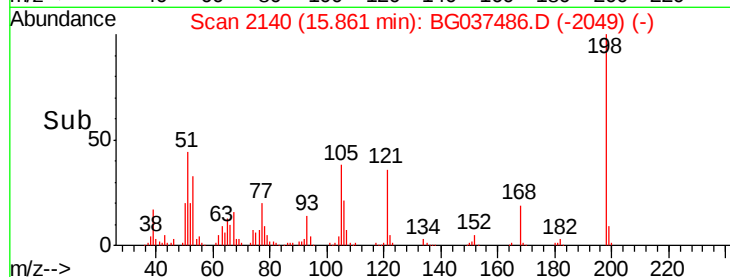
Ion	Ratio	Lower	Upper
198	100		
51	43.9	22.7	62.7
105	38.4	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.957 ng

RT: 15.99 min Scan# 2162

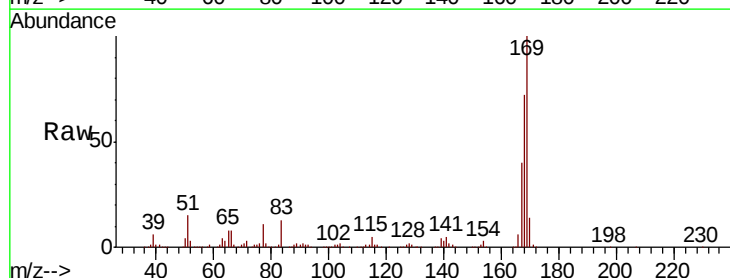
Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Tgt Ion:169 Resp: 627146

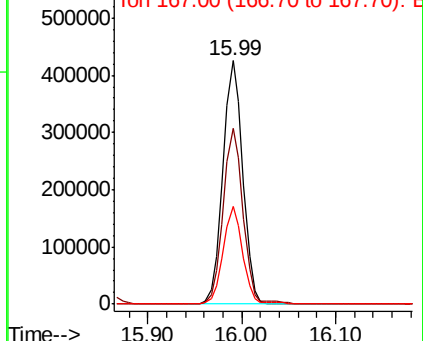
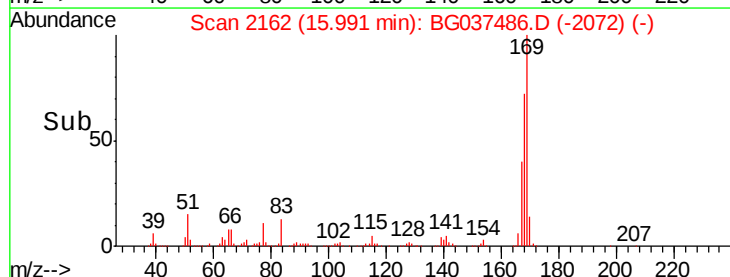
Ion	Ratio	Lower	Upper
169	100		
168	72.0	55.7	83.5
167	40.2	31.3	46.9

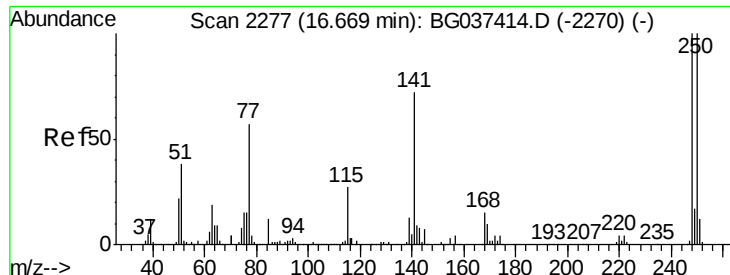


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

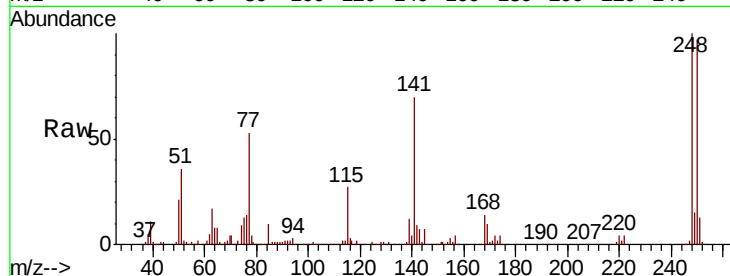




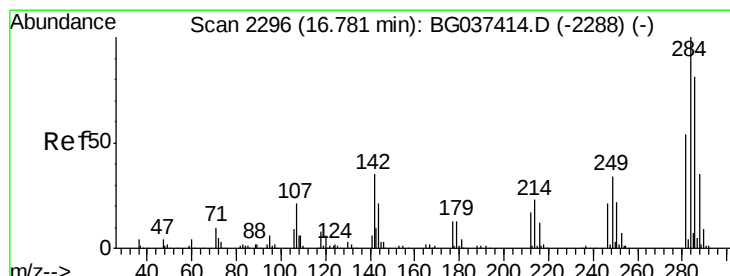
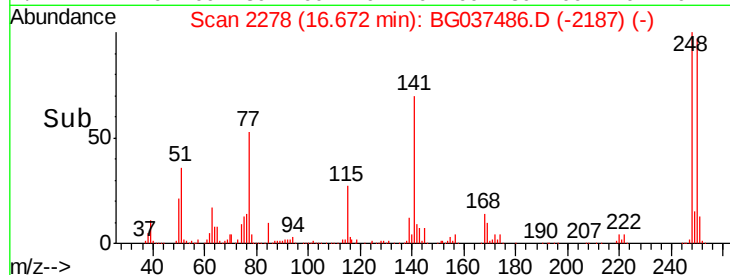
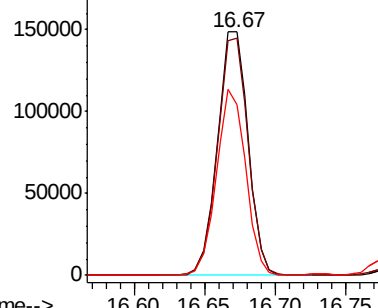
#67
 4-Bromophenyl-phenylether
 Concen: 43.489 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 226523
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.0 115.6
 141 70.0 55.5 83.3

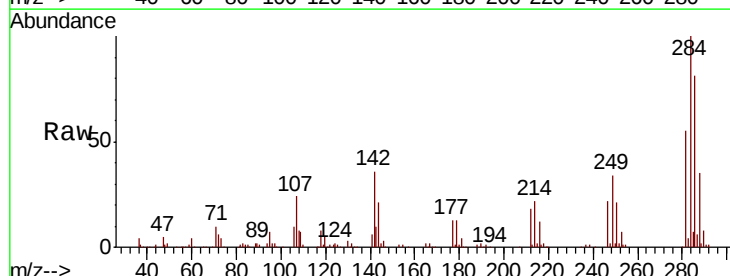


Abundance Ion 248.00 (247.70 to 248.70): E
 200000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

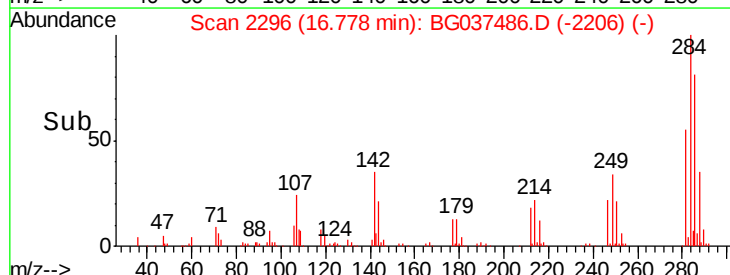
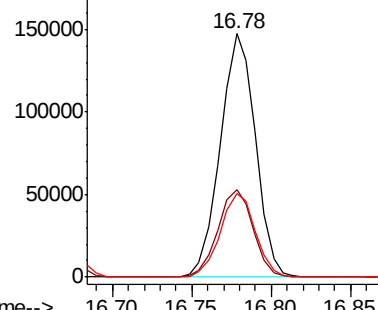


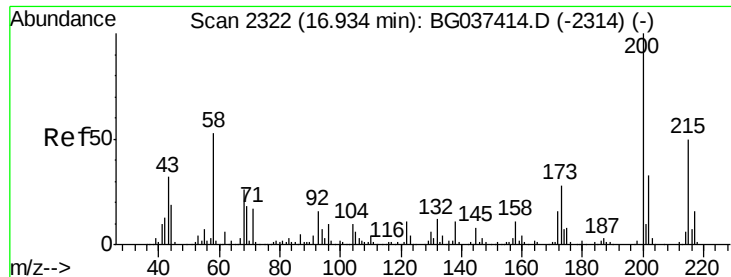
#68
 Hexachlorobenzene
 Concen: 42.009 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion:284 Resp: 226780
 Ion Ratio Lower Upper
 284 100
 142 36.1 28.1 42.1
 249 36.6 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 200000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

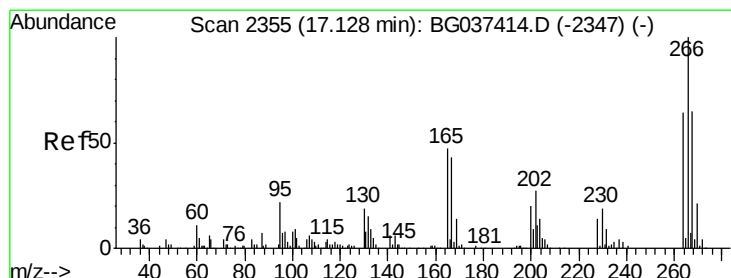
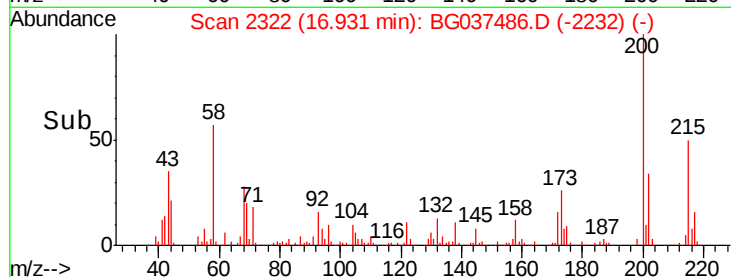
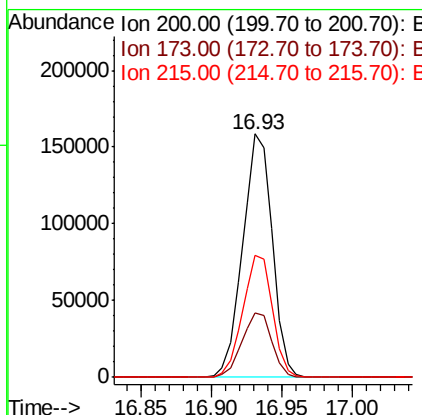
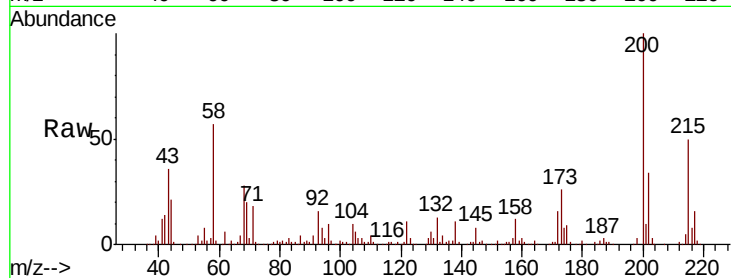




#69
 Atrazine
 Concen: 45.137 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

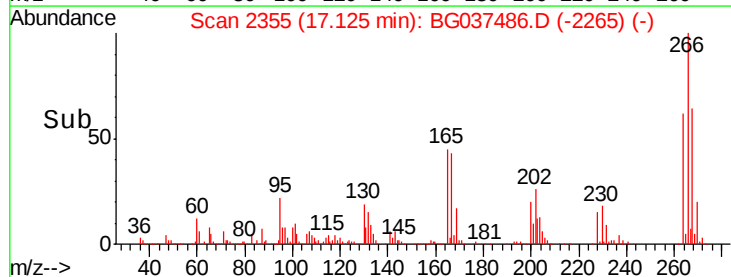
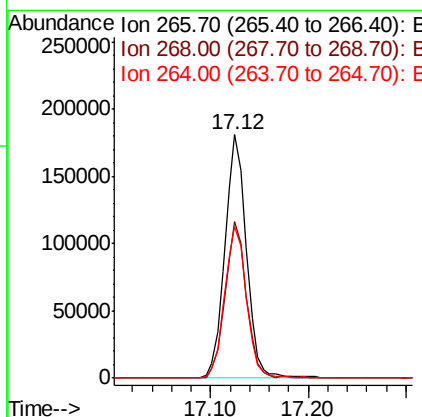
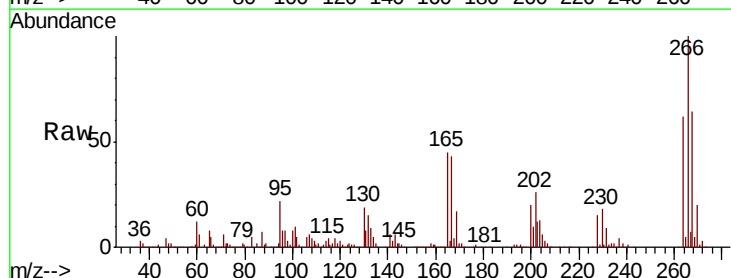
Instrument :
 BNA_G
 ClientSampled :

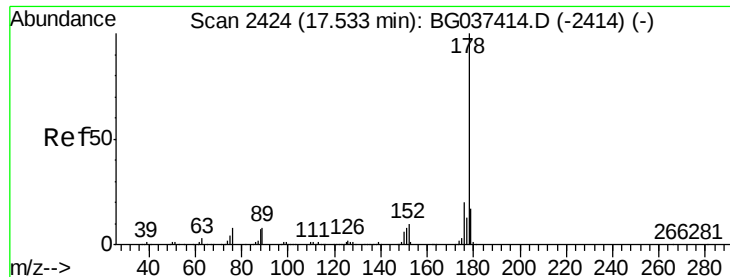
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.1	46.1
215	50.0	30.8	70.8



#70
 Pentachlorophenol
 Concen: 76.622 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.1	55.0	82.6
264	67.5	58.9	88.3

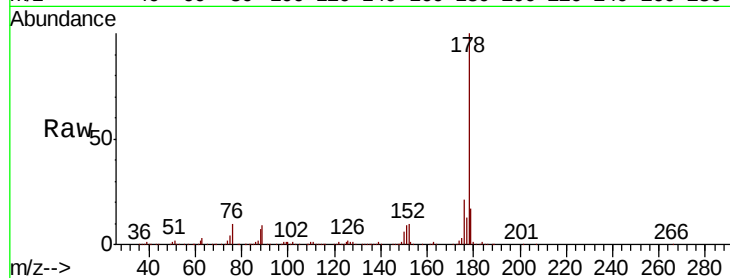




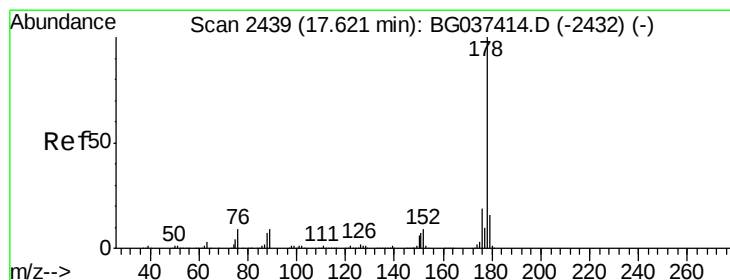
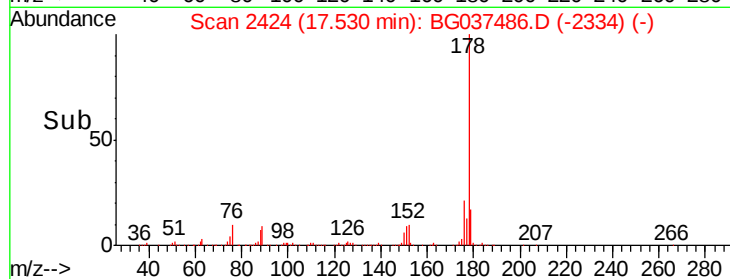
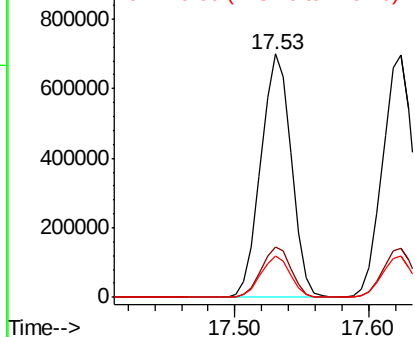
#71
Phenanthrene
Concen: 45.879 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 1105963
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 17.0 13.0 19.4

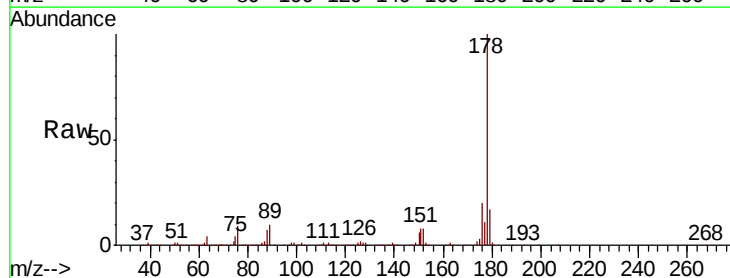


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

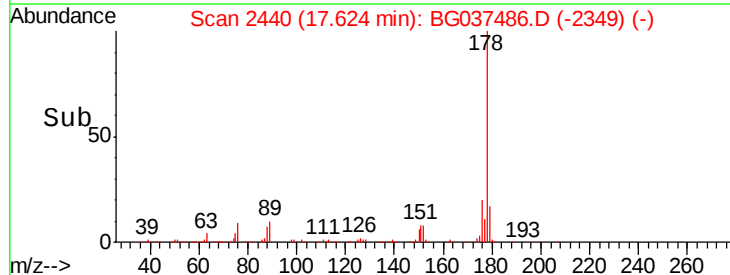
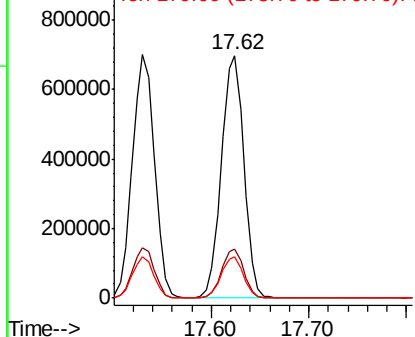


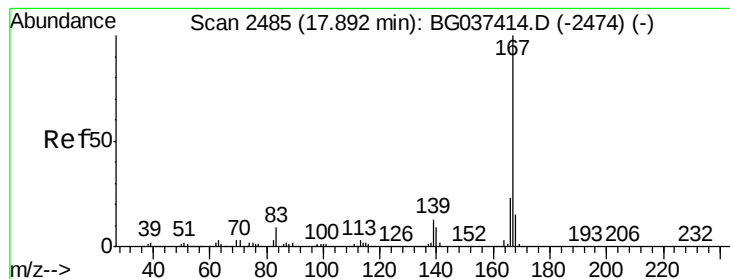
#72
Anthracene
Concen: 47.070 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:178 Resp: 1113523
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.4
179 17.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.471 ng

RT: 17.89 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

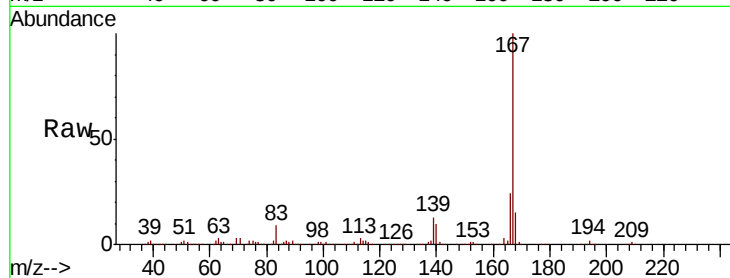
Tot Ion:167 Resp: 1028683

Ion Ratio Lower Upper

167 100

166 23.7 18.3 27.5

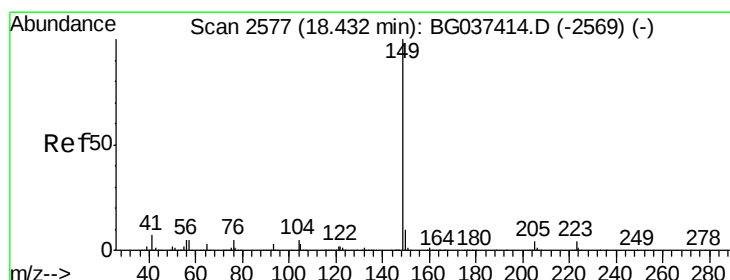
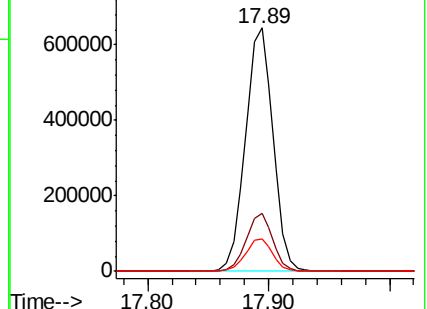
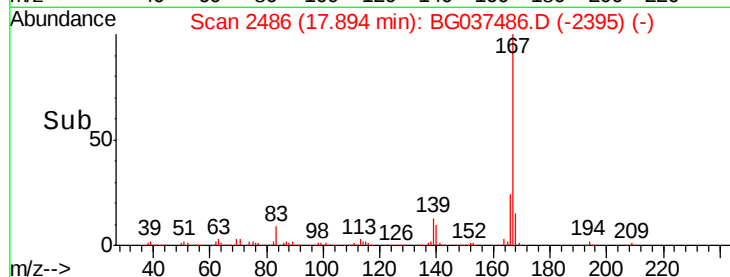
139 13.3 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.746 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

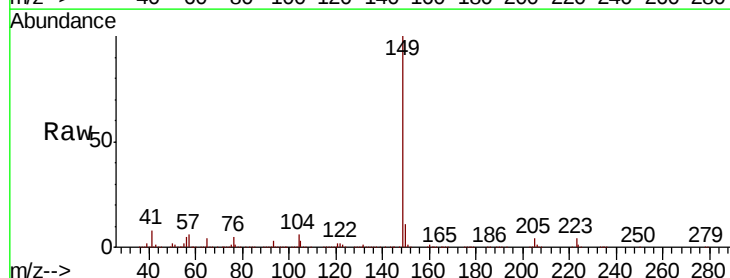
Tgt Ion:149 Resp: 1230536

Ion Ratio Lower Upper

149 100

150 10.8 8.2 12.2

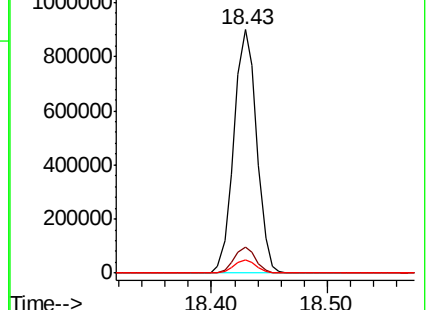
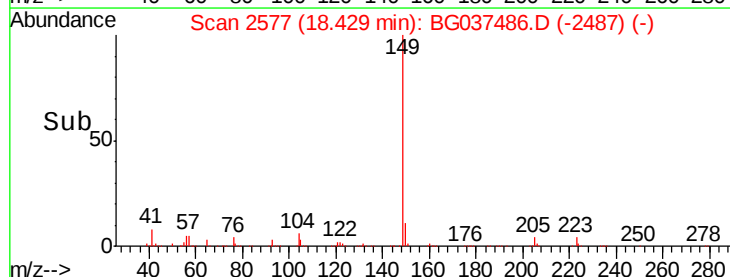
104 5.6 4.0 6.0

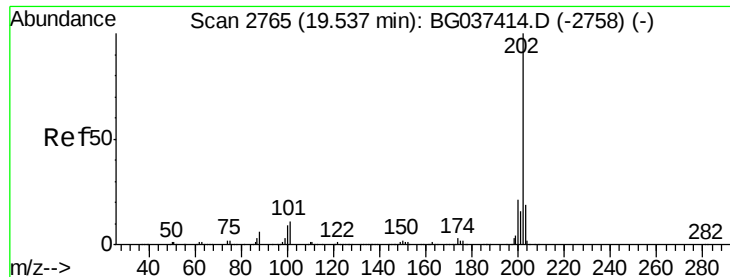


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.321 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

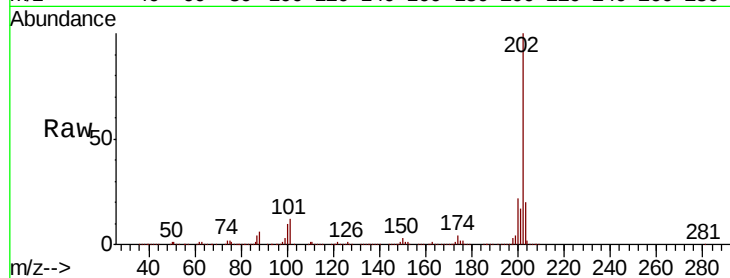
Tot Ion:202 Resp: 1266463

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.7

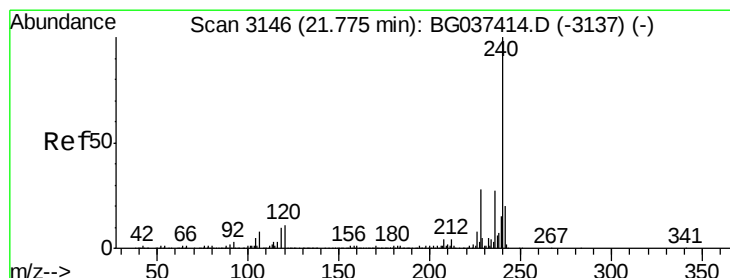
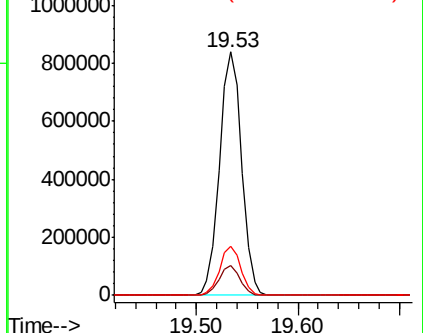
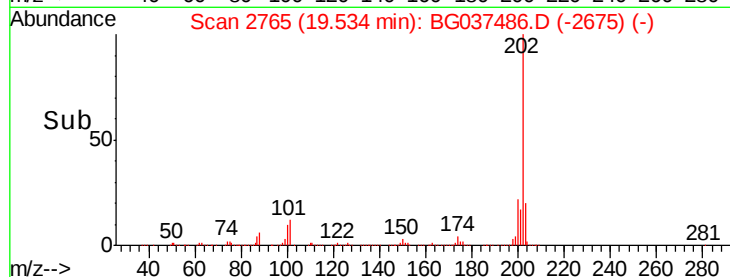
203 20.2 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

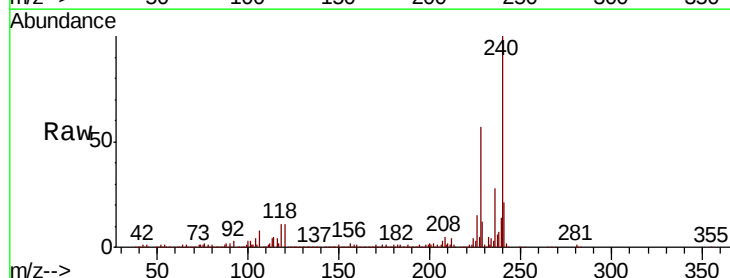
Tgt Ion:240 Resp: 408738

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

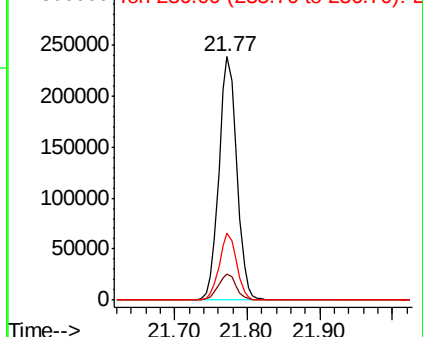
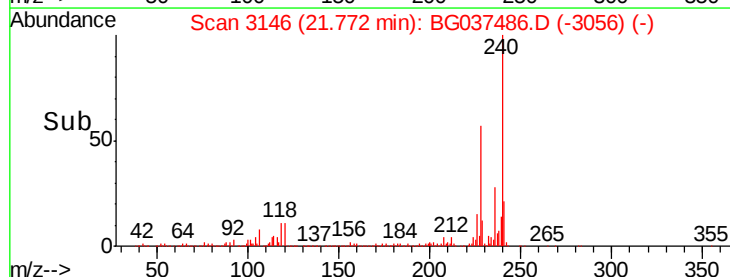
236 27.5 21.4 32.0

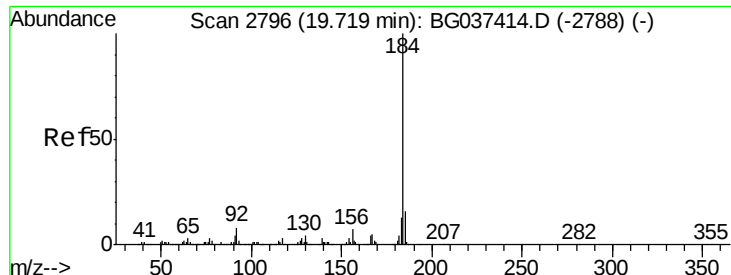


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.735 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

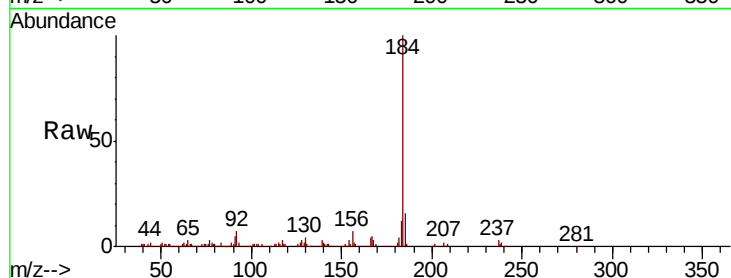
Tot Ion:184 Resp: 121397

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.6	18.8
183	11.5	10.2	15.2

184 100

185 16.3 12.6 18.8

183 11.5 10.2 15.2

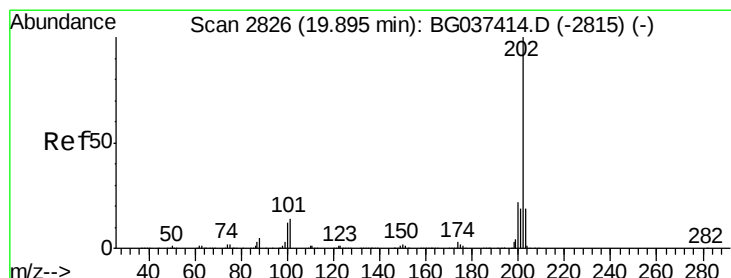
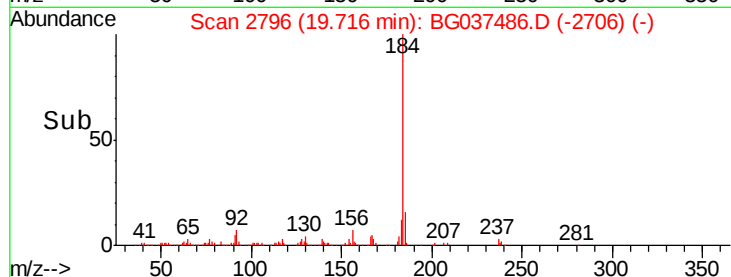
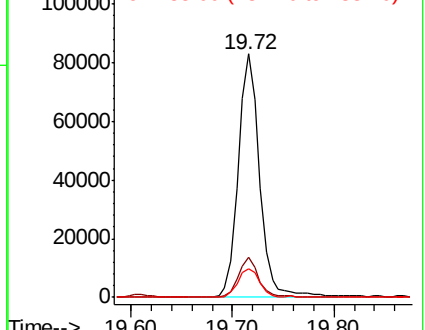


Abundance

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: 47.191 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

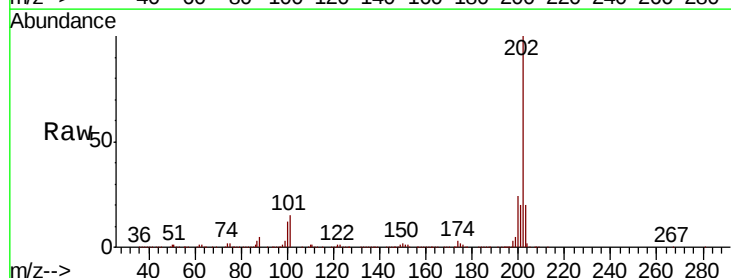
Tgt Ion:202 Resp: 1260940

Ion	Ratio	Lower	Upper
202	100		
200	23.8	17.8	26.6
203	20.2	15.2	22.8

202 100

200 23.8 17.8 26.6

203 20.2 15.2 22.8

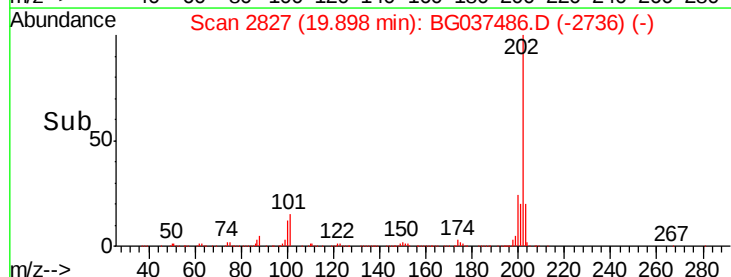
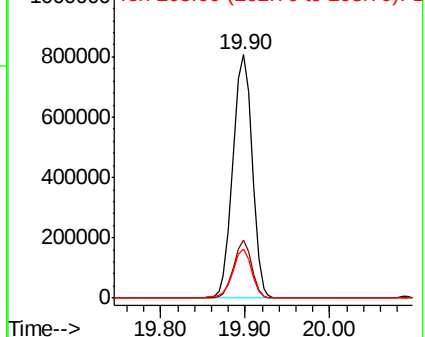


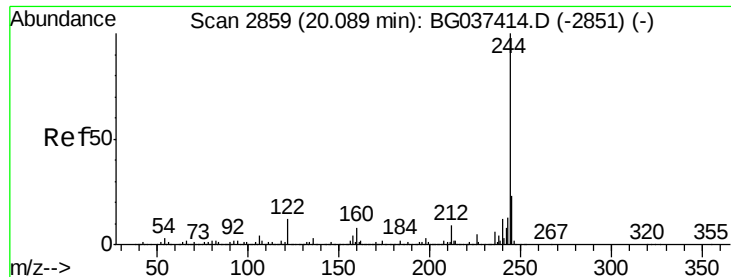
Abundance

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: 75.754 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampled :

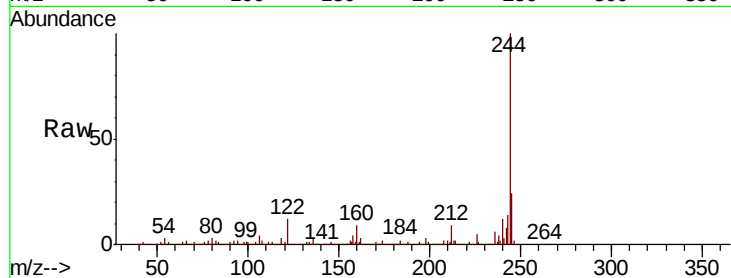
Tot Ion:244 Resp: 1449084

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

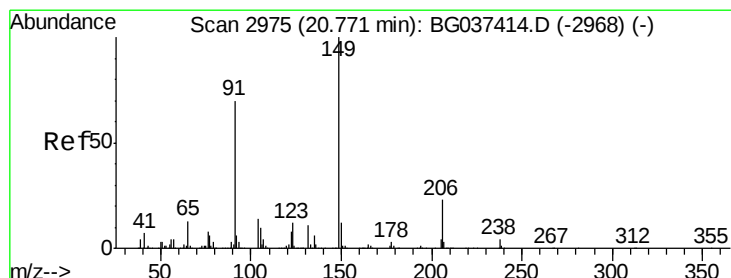
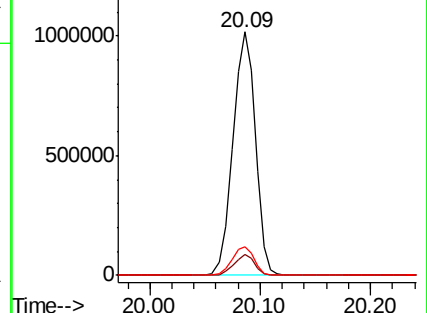
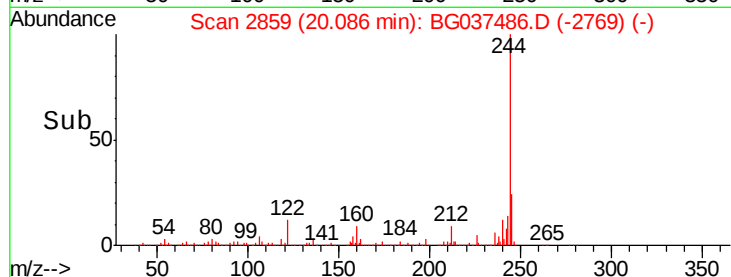
122 11.7 9.0 13.4



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: 50.810 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

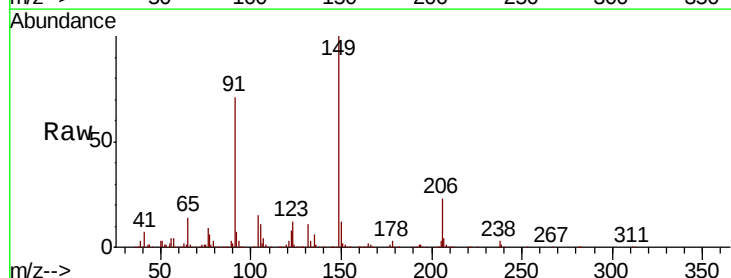
Tgt Ion:149 Resp: 555624

Ion Ratio Lower Upper

149 100

91 70.7 57.0 85.4

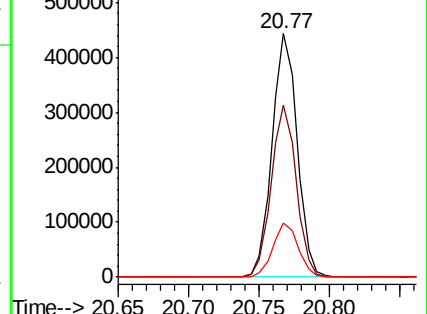
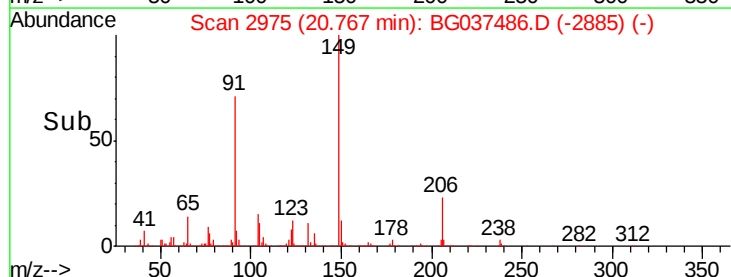
206 22.5 17.8 26.6

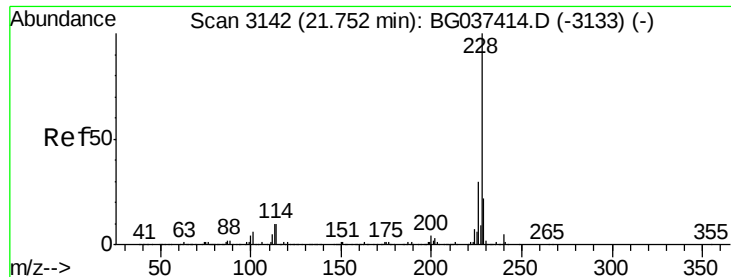


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.627 ng

RT: 21.75 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

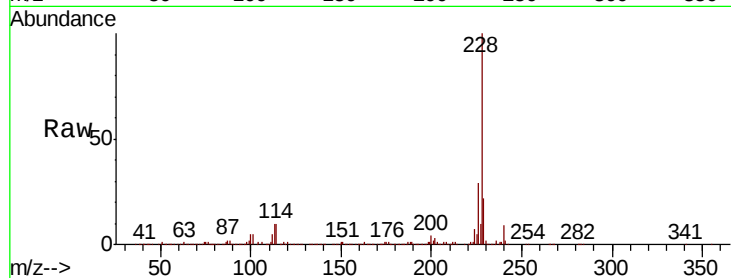
Tot Ion:228 Resp: 1175633

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

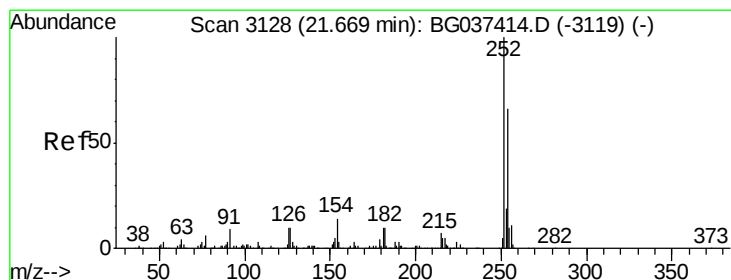
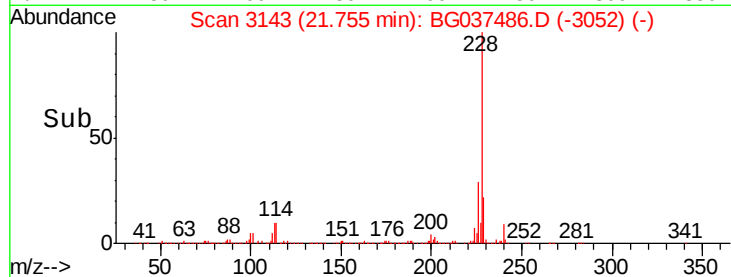
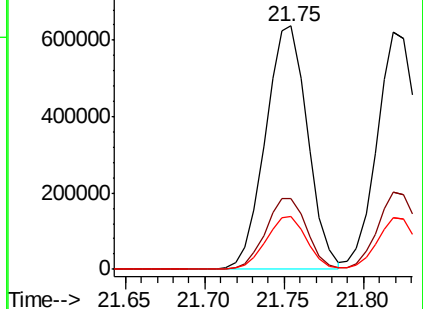
229 22.0 16.3 24.5



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: 4.712 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

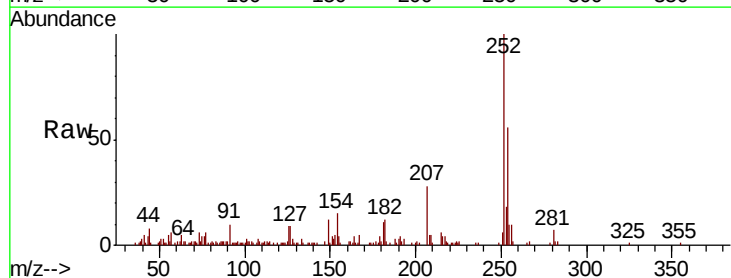
Tgt Ion:252 Resp: 44154

Ion Ratio Lower Upper

252 100

254 56.2 52.0 78.0

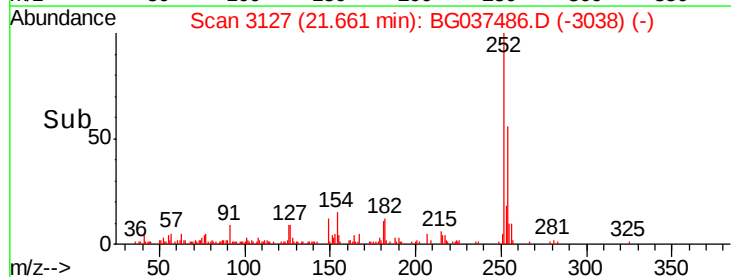
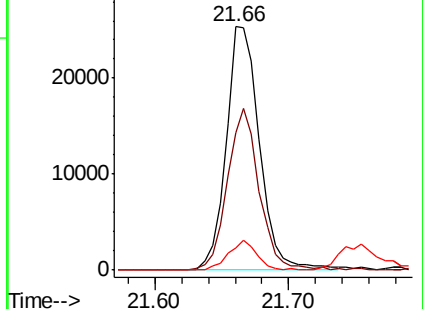
126 9.1 8.2 12.4

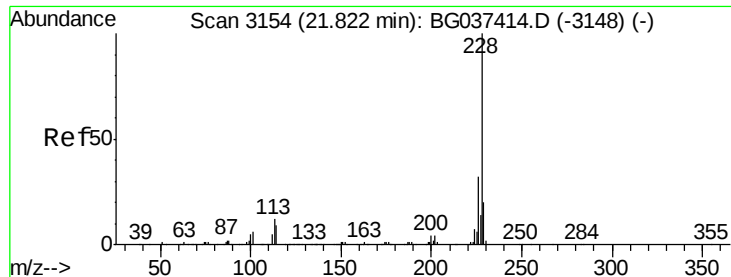


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



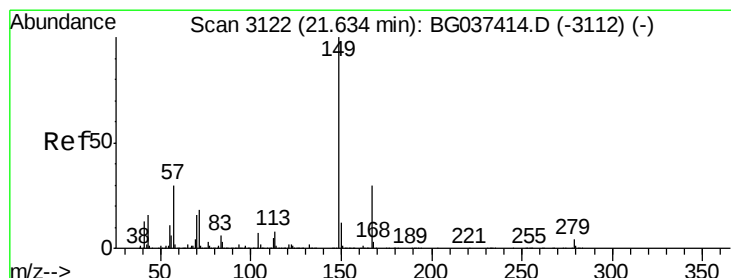
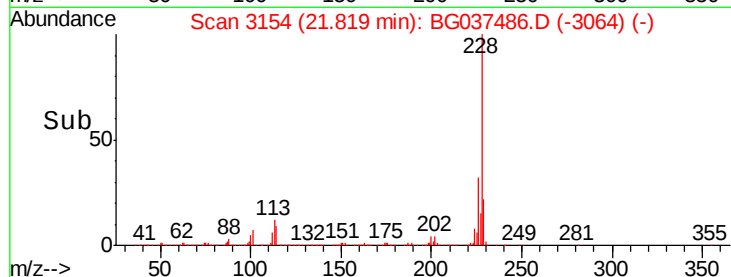
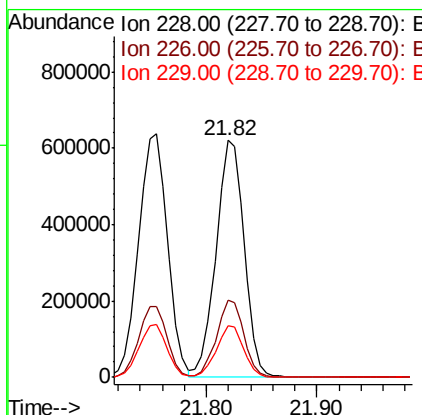
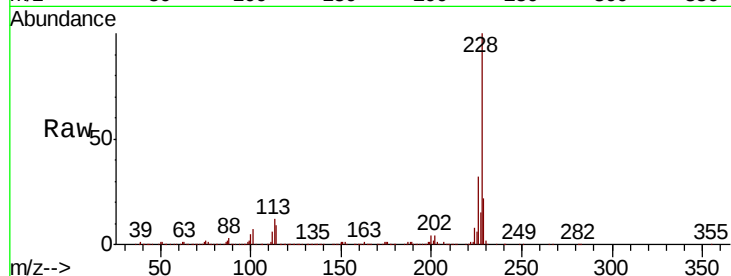


#83
 Chrysene
 Concen: 47.158 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1096310

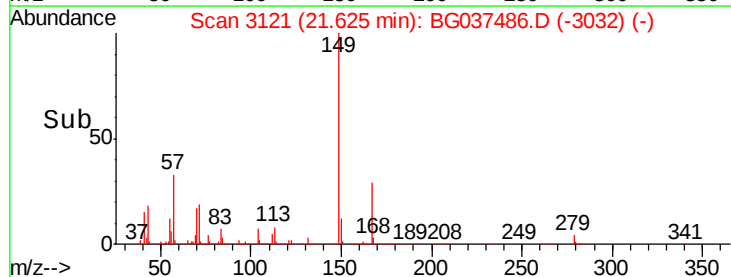
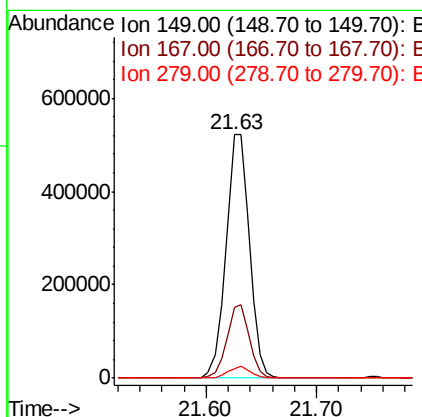
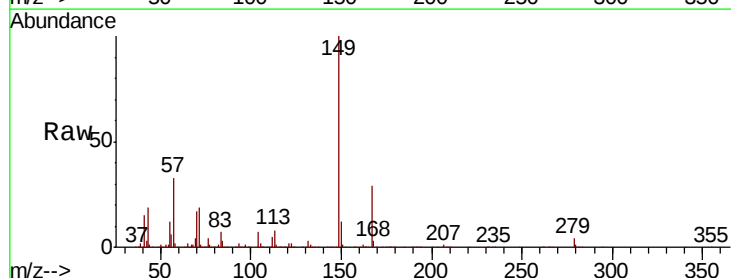
Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.7	38.5
229	21.7	16.5	24.7

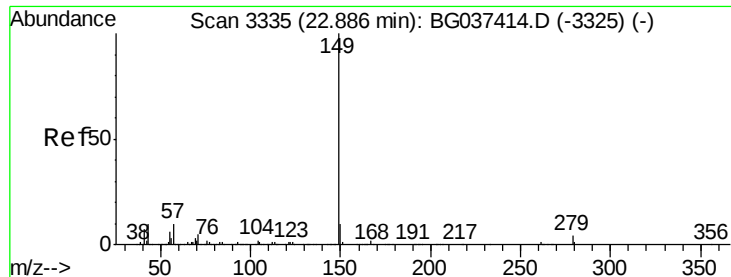


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.600 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG037486.D
 Acq: 23 Oct 2018 21:27

Tgt Ion:149 Resp: 775612

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	4.0	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 52.097 ng

RT: 22.88 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

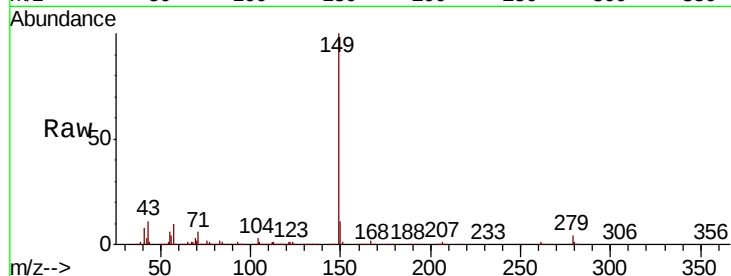
Tot Ion:149 Resp: 1302177

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

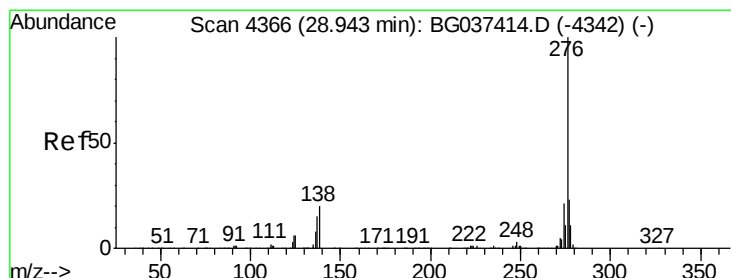
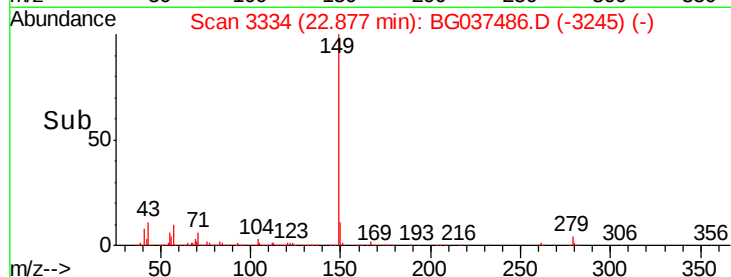
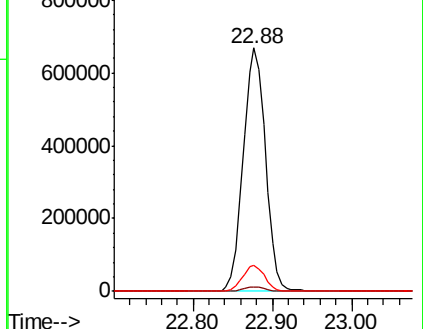
43 10.6 8.7 13.1



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: 51.127 ng

RT: 28.93 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

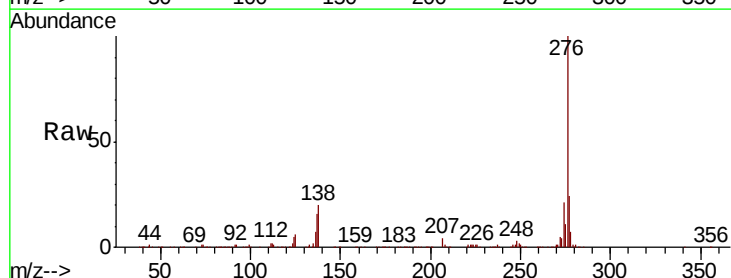
Tgt Ion:276 Resp: 1274828

Ion Ratio Lower Upper

276 100

138 17.6 12.0 18.0

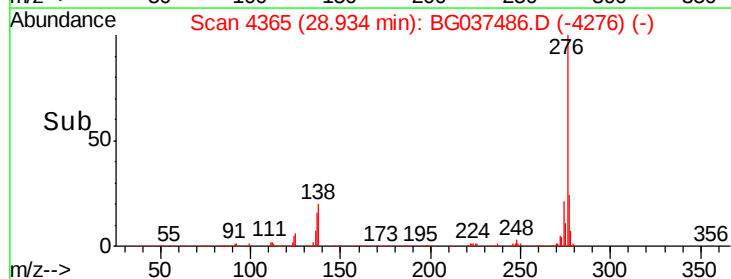
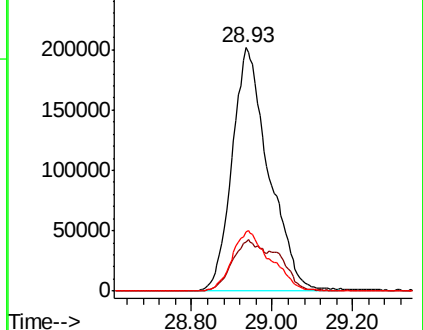
277 25.8 20.6 30.8

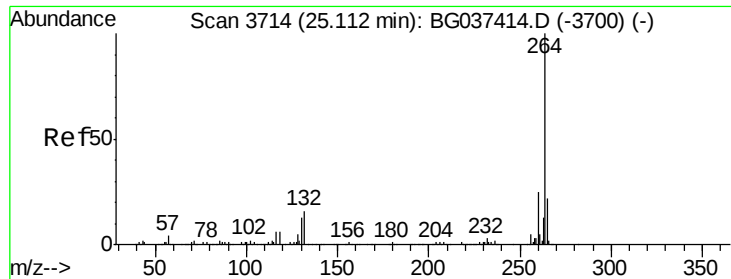


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

Instrument :

BNA_G

ClientSampleId :

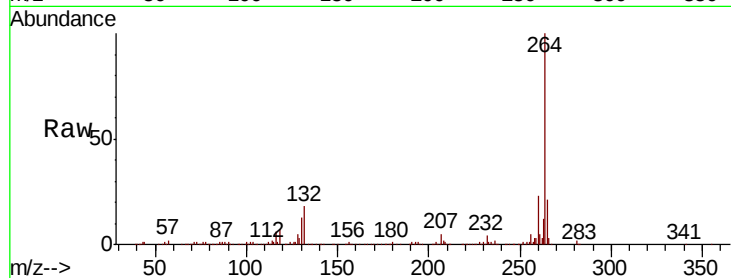
Tot Ion:264 Resp: 426571

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.4	17.9	26.9

264 100

260 22.7 18.2 27.4

265 21.4 17.9 26.9

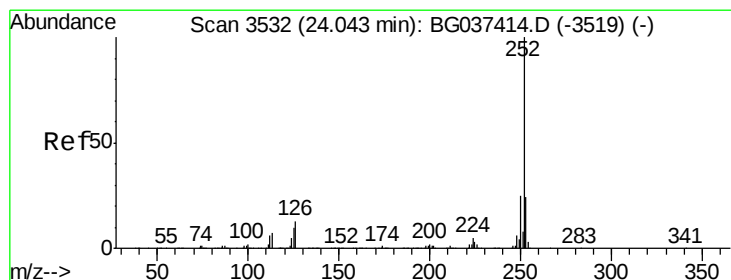
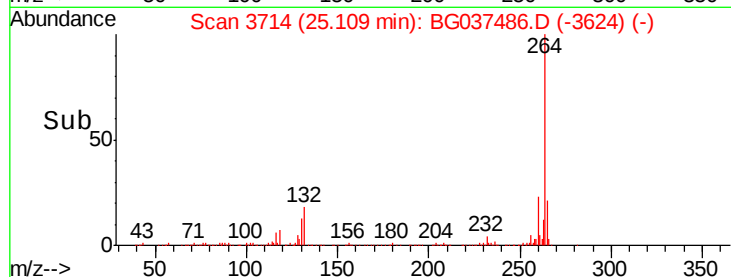
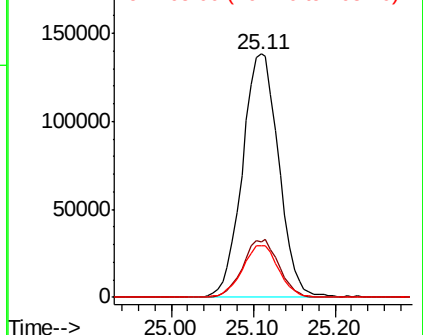


Abundance

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: 49.465 ng

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG037486.D

Acq: 23 Oct 2018 21:27

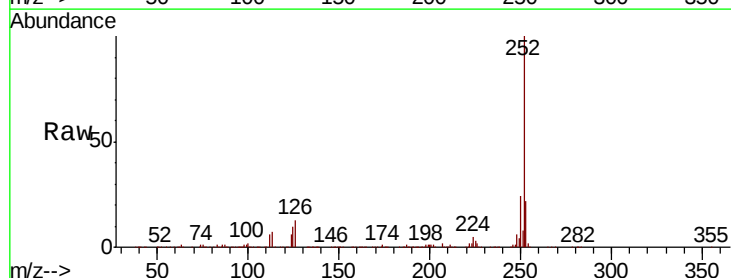
Tgt Ion:252 Resp: 1156789

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.1	7.8	11.6

252 100

253 22.3 18.2 27.2

125 10.1 7.8 11.6

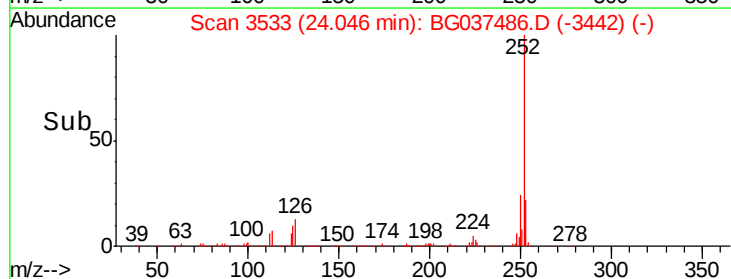
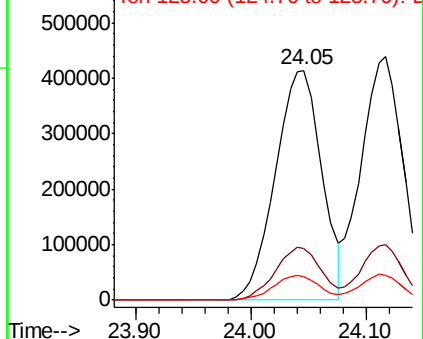


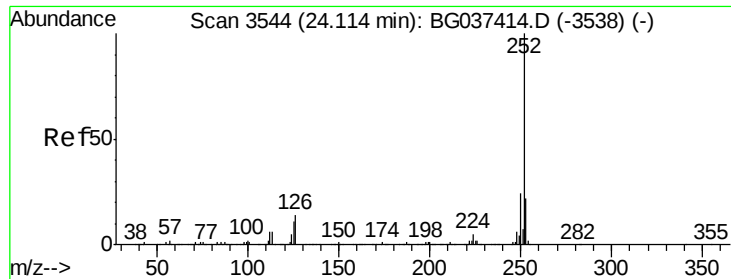
Abundance

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

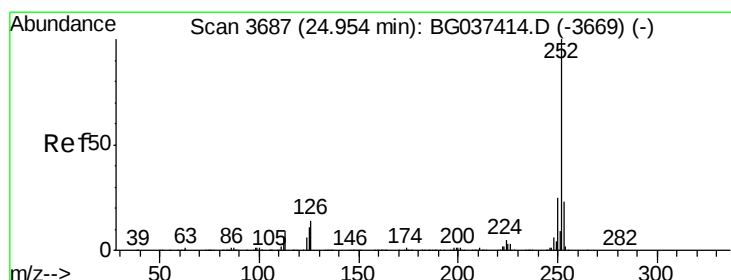
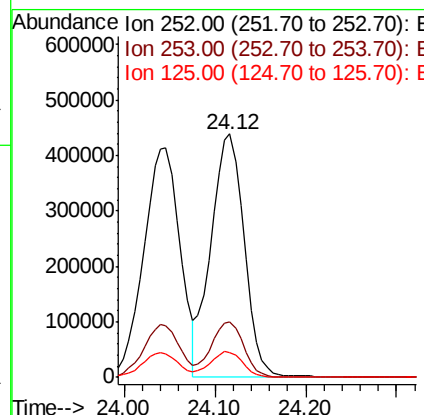
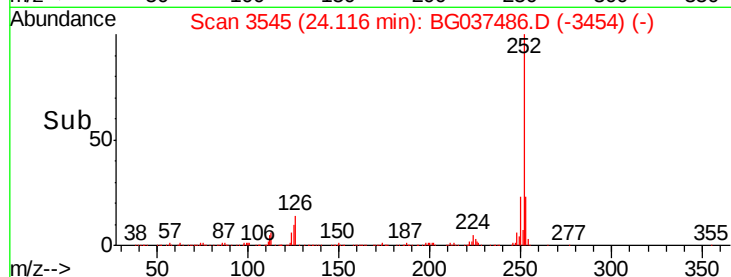
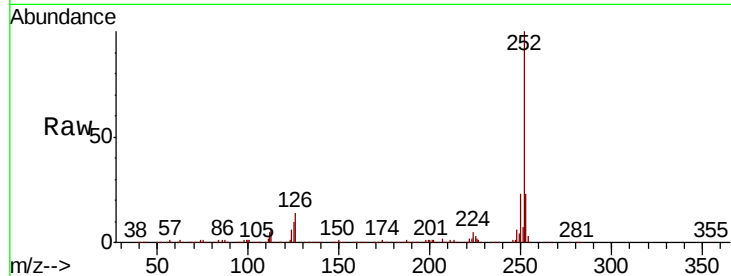




#89
Benzo(k)fluoranthene
Concen: 48.705 ng
RT: 24.12 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

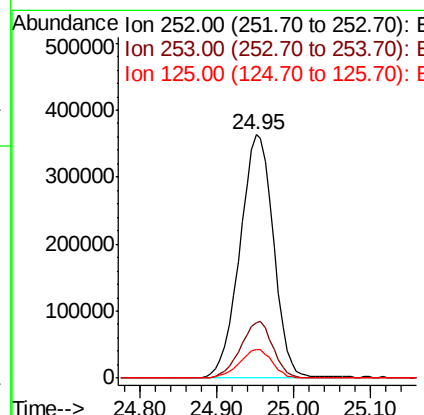
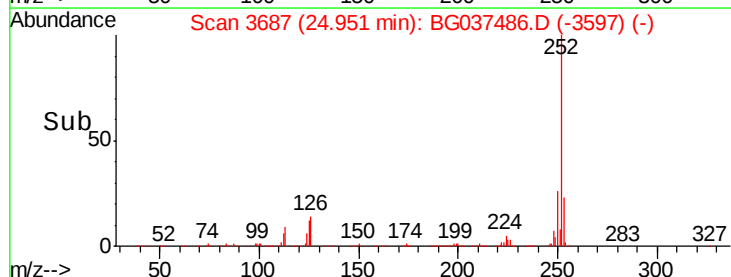
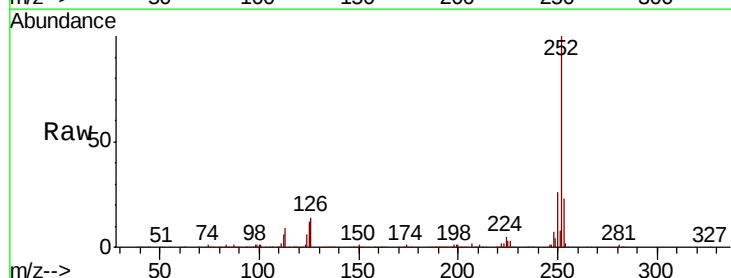
Instrument :
BNA_G
ClientSampled :

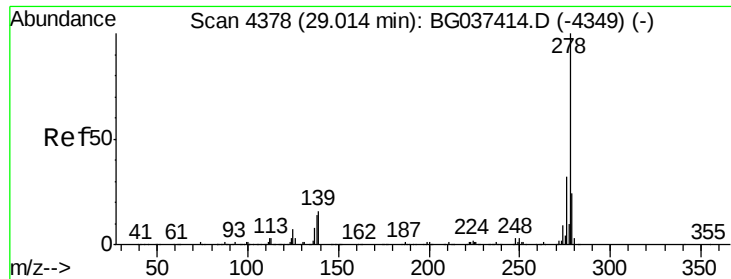
Tot Ion:252 Resp: 1115943
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 49.952 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:252 Resp: 1110052
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 11.6 9.0 13.6

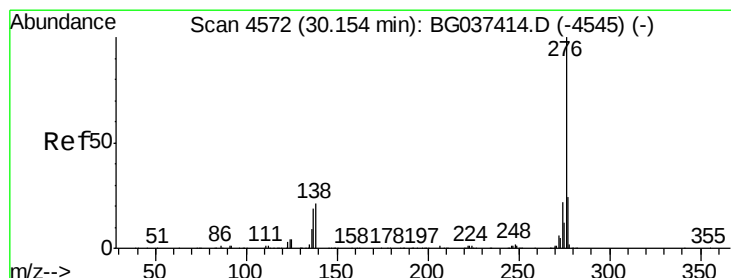
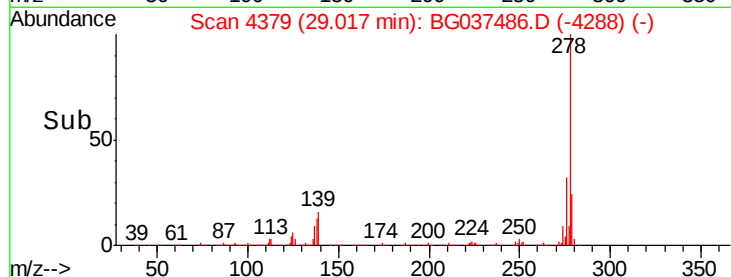
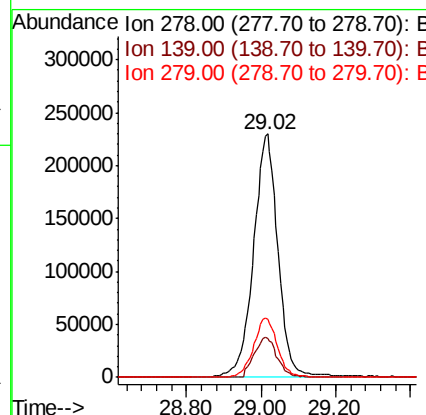
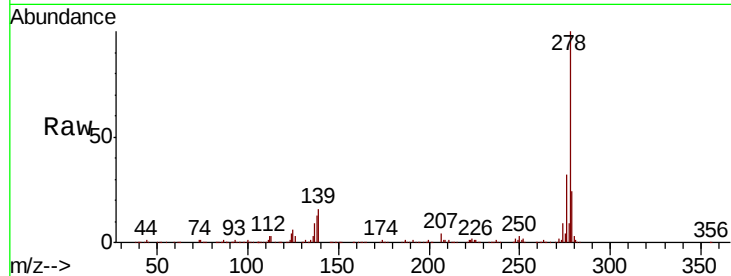




#91
Dibenzo(a,h)anthracene
Concen: 51.035 ng
RT: 29.02 min Scan# 4379
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1046141
Ion Ratio Lower Upper
278 100
139 16.1 11.5 17.3
279 23.7 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 51.155 ng
RT: 30.16 min Scan# 4573
Delta R.T. 0.00 min
Lab File: BG037486.D
Acq: 23 Oct 2018 21:27

Tgt Ion:276 Resp: 1060867
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 21.8 17.2 25.8

