

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031488.D
 Acq On : 12 Dec 2017 12:37
 Operator : SJ/JU
 Sample : PB104888BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

Quant Time: Dec 13 05:49:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51263	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	215855	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	145269	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	401680	20.00	ng	0.00
75) Chrysene-d12	21.75	240	482253	20.00	ng	0.00
86) Perylene-d12	25.03	264	472272	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	312966	108.21	ng	0.00
7) Phenol-d6	7.28	99	404866	100.84	ng	0.00
23) Nitrobenzene-d5	9.27	82	341955	97.64	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	191111	112.29	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	962767	97.28	ng	0.00
78) Terphenyl-d14	20.07	244	1845119	87.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	55187	39.993	ng	87
3) Pyridine	3.92	79	152046	41.849	ng	90
4) n-Nitrosodimethylamine	3.83	42	73282	42.822	ng	# 95
6) Aniline	7.43	93	141525	26.767	ng	95
8) 2-Chlorophenol	7.68	128	166157	51.506	ng	87
9) Benzaldehyde	7.25	77	44674	19.196	ng	86
10) Phenol	7.31	94	209091	50.696	ng	94
11) bis(2-Chloroethyl)ether	7.52	93	145466	43.213	ng	87
12) 1,3-Dichlorobenzene	7.99	146	174437	45.470	ng	94
13) 1,4-Dichlorobenzene	8.15	146	179299	44.970	ng	95
14) 1,2-Dichlorobenzene	8.46	146	169375	44.595	ng	98
15) Benzyl Alcohol	8.35	79	139076	44.282	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	223738	59.162	ng	92
17) 2-Methylphenol	8.56	107	144267	51.314	ng	99
18) Hexachloroethane	9.19	117	61374	45.666	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	116731	36.939	ng	# 97
20) 3+4-Methylphenols	8.89	107	196647	46.952	ng	97
22) Acetophenone	8.93	105	227342	43.902	ng	# 95
24) Nitrobenzene	9.32	77	177726	49.525	ng	93
25) Isophorone	9.84	82	329525	49.790	ng	# 94
26) 2-Nitrophenol	10.04	139	93585	52.739	ng	# 87
27) 2,4-Dimethylphenol	10.09	122	156438	58.034	ng	93
28) bis(2-Chloroethoxy)methane	10.31	93	208380	48.769	ng	98
29) 2,4-Dichlorophenol	10.58	162	182691	57.524	ng	90
30) 1,2,4-Trichlorobenzene	10.78	180	194054	47.834	ng	99
31) Naphthalene	10.97	128	490294	46.235	ng	99
32) Benzoic acid	10.25	122	63921	42.450	ng	# 87
33) 4-Chloroaniline	11.10	127	69701	15.138	ng	94
34) Hexachlorobutadiene	11.25	225	121894	45.298	ng	96
35) Caprolactam	11.85	113	30099	24.136	ng	# 78
36) 4-Chloro-3-methylphenol	12.21	107	185864	51.270	ng	# 92
37) 2-Methylnaphthalene	12.57	142	388694	47.340	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	235711	41.517	ng	96
40) Hexachlorocyclopentadiene	12.91	237	183618	89.059	ng	94

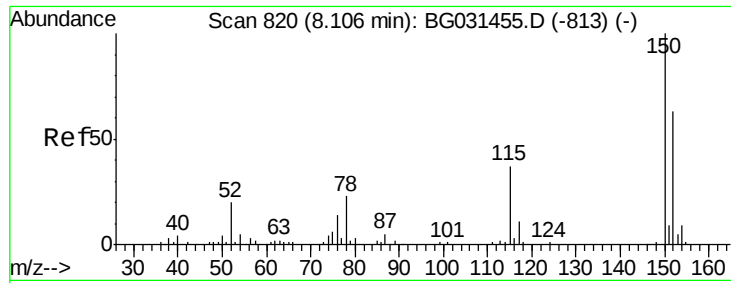
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	157631	54.343	ng	99
43) 2,4,5-Trichlorophenol	13.26	196	169154	54.136	ng	95
45) 1,1'-Biphenyl	13.56	154	507588	42.542	ng	97
46) 2-Chloronaphthalene	13.62	162	426841	48.878	ng	97
47) 2-Nitroaniline	13.82	65	122611	49.965	ng	# 78
48) Acenaphthylene	14.46	152	652597	46.442	ng	99
49) Dimethylphthalate	14.18	163	574393	47.760	ng	99
50) 2,6-Dinitrotoluene	14.31	165	129875	50.522	ng	# 77
51) Acenaphthene	14.80	154	405471	45.635	ng	99
52) 3-Nitroaniline	14.65	138	67273	25.672	ng	# 78
53) 2,4-Dinitrophenol	14.86	184	92304	85.359	ng	# 52
54) Dibenzofuran	15.13	168	670855	47.316	ng	98
55) 4-Nitrophenol	14.97	139	198777	110.832	ng	# 82
56) 2,4-Dinitrotoluene	15.10	165	192080	52.607	ng	# 74
57) Fluorene	15.78	166	545230	47.993	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.36	232	175371	59.711	ng	# 91
59) Diethylphthalate	15.53	149	588763	48.839	ng	97
60) 4-Chlorophenyl-phenylether	15.76	204	319357	45.947	ng	92
61) 4-Nitroaniline	15.81	138	146909	53.422	ng	90
62) Azobenzene	16.06	77	484782	48.545	ng	95
64) 4,6-Dinitro-2-methylphenol	15.87	198	90683	38.393	ng	80
65) n-Nitrosodiphenylamine	15.98	169	518804	44.126	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	216315	46.312	ng	99
67) Hexachlorobenzene	16.78	284	222610	46.154	ng	98
68) Atrazine	16.92	200	227837	52.998	ng	98
69) Pentachlorophenol	17.13	266	185616	80.056	ng	99
70) Phenanthrene	17.52	178	989245	47.156	ng	99
71) Anthracene	17.61	178	1021866	49.252	ng	98
72) Carbazole	17.88	167	976473	52.007	ng	99
73) Di-n-butylphthalate	18.41	149	1142741	52.704	ng	99
74) Fluoranthene	19.52	202	1366279	52.042	ng	96
76) Benzidine	19.69	184	528082	47.054	ng	97
77) Pyrene	19.88	202	1399158	46.693	ng	96
79) Butylbenzylphthalate	20.74	149	552881	52.594	ng	86
80) Benzo(a)anthracene	21.73	228	1401561	48.150	ng	98
81) 3,3'-Dichlorobenzidine	21.63	252	298934	29.508	ng	95
82) Chrysene	21.80	228	1338487	47.966	ng	96
83) Bis(2-ethylhexyl)phthalate	21.60	149	760085	50.257	ng	100
84) Di-n-octyl phthalate	22.82	149	1288302	51.641	ng	# 95
85) Indeno(1,2,3-cd)pyrene	28.81	276	1539940	51.637	ng	99
87) Benzo(b)fluoranthene	23.99	252	1364561	48.329	ng	98
88) Benzo(k)fluoranthene	24.05	252	1383118	48.002	ng	97
89) Benzo(a)pyrene	24.88	252	1346965	50.289	ng	99
90) Dibenzo(a,h)anthracene	28.85	278	1275982	49.818	ng	98
91) Benzo(g,h,i)perylene	29.98	276	1288276	51.161	ng	98

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

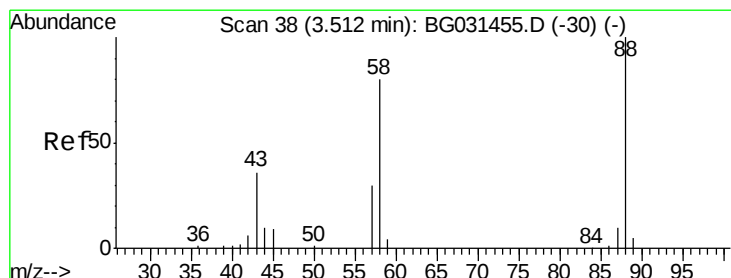
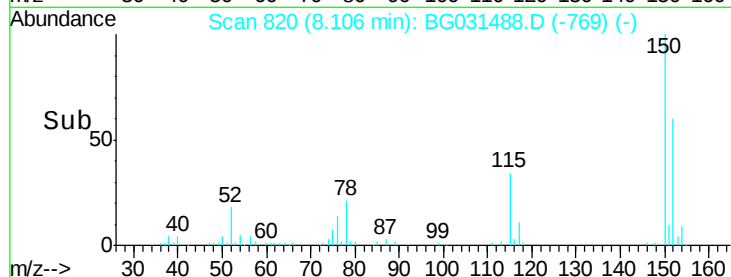
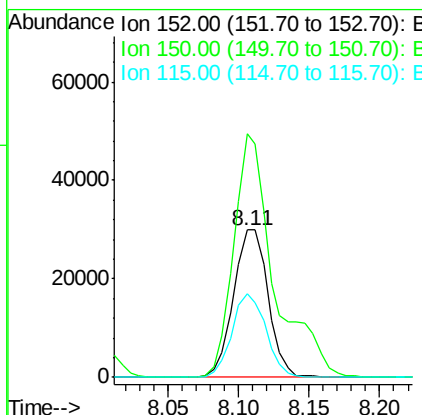
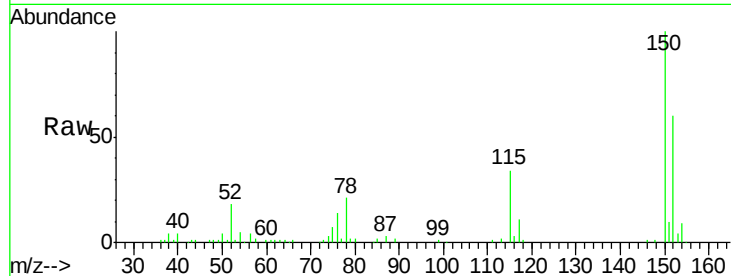


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

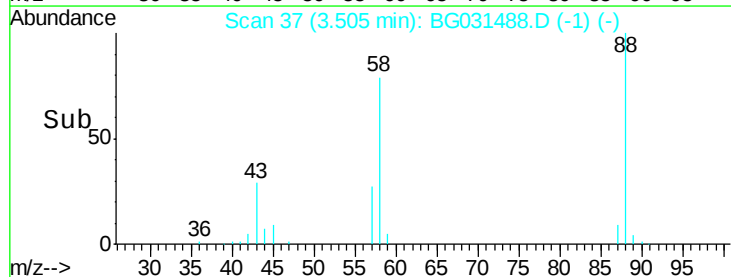
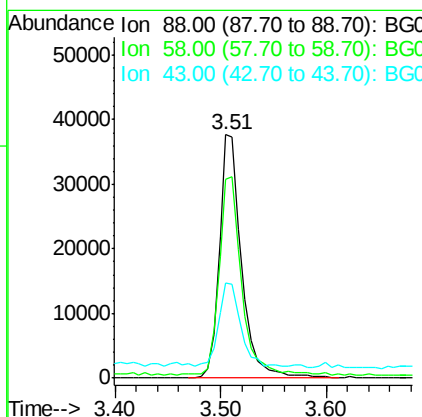
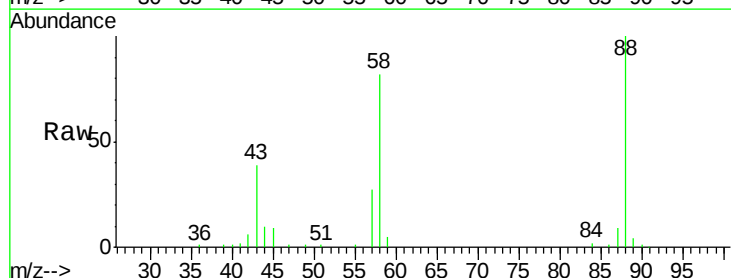
Tot Ion:152 Resp: 51263
 Ion Ratio Lower Upper
 152 100
 150 165.3 126.6 189.8
 115 56.3 53.0 79.4

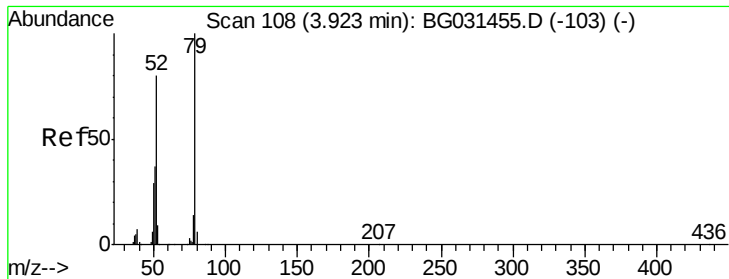


#2

1,4-Dioxane
 Concen: 39.993 ng
 RT: 3.51 min Scan# 37
 Delta R.T. -0.01 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion: 88 Resp: 55187
 Ion Ratio Lower Upper
 88 100
 58 81.6 79.6 119.4
 43 34.2 27.4 41.0





#3

Pvridine

Concen: 41.849 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

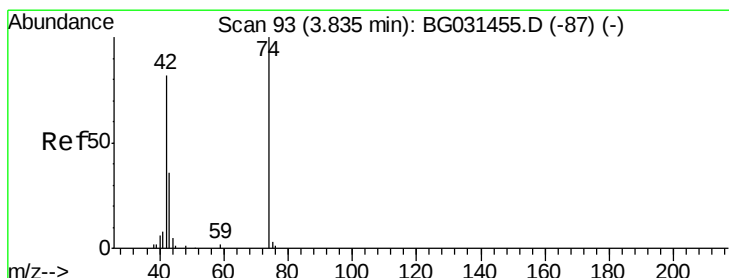
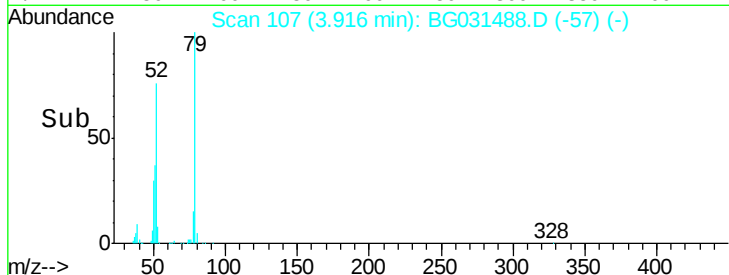
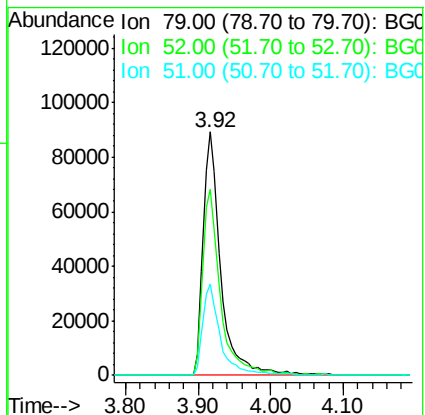
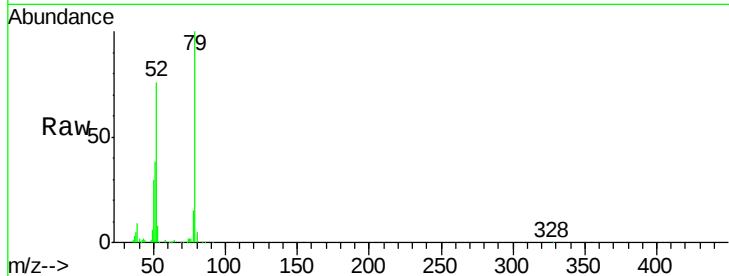
Tot Ion: 79 Resp: 152046

Ion Ratio Lower Upper

79 100

52 76.4 69.9 104.9

51 37.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 42.822 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

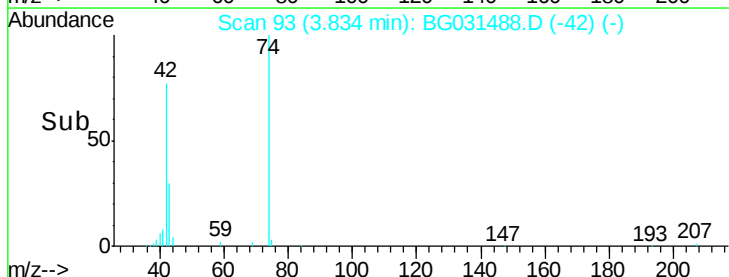
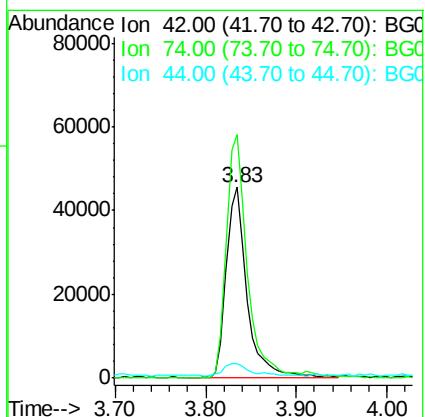
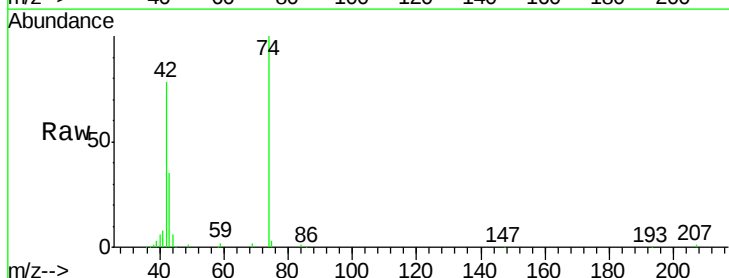
Tgt Ion: 42 Resp: 73282

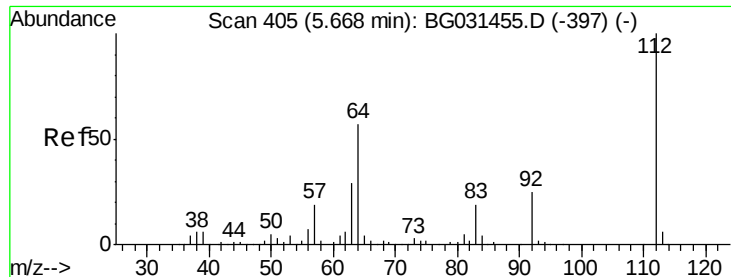
Ion Ratio Lower Upper

42 100

74 127.7 102.5 153.7

44 7.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 108.214 ng

RT: 5.67 min Scan# 405

Delta R.T. 0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

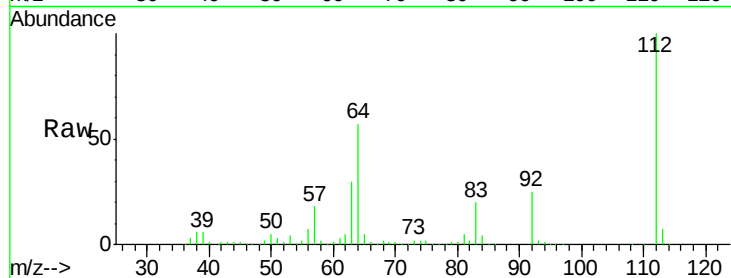
Tot Ion:112 Resp: 312966

Ion Ratio Lower Upper

112 100

64 57.1 56.3 84.5

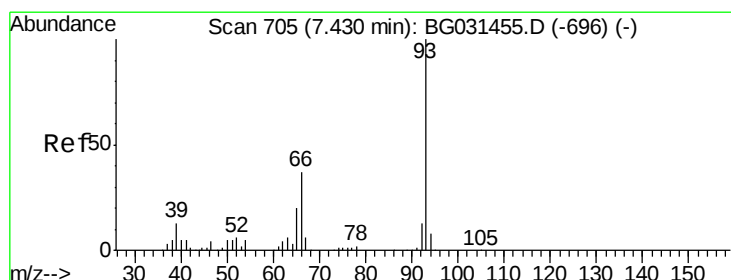
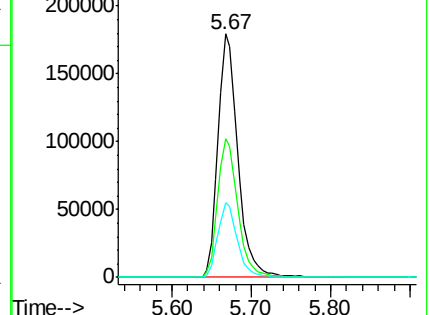
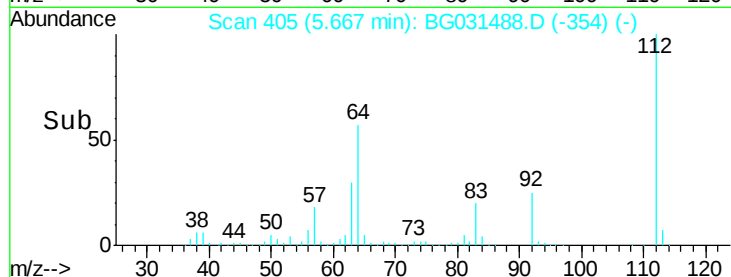
63 30.4 30.1 45.1



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: 26.767 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

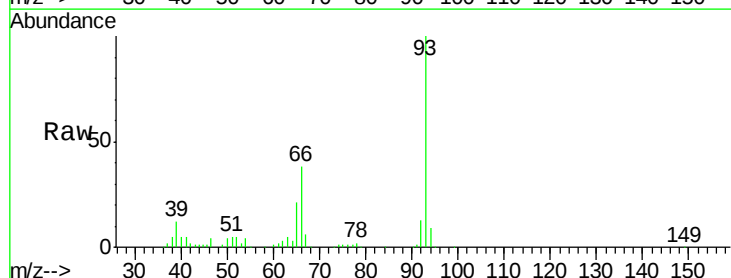
Tgt Ion: 93 Resp: 141525

Ion Ratio Lower Upper

93 100

66 38.5 33.7 50.5

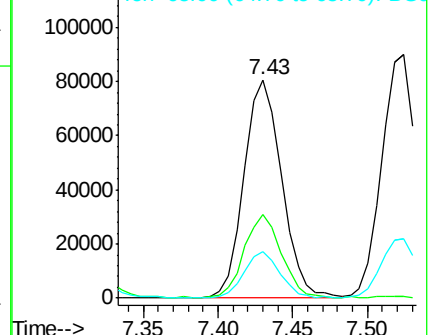
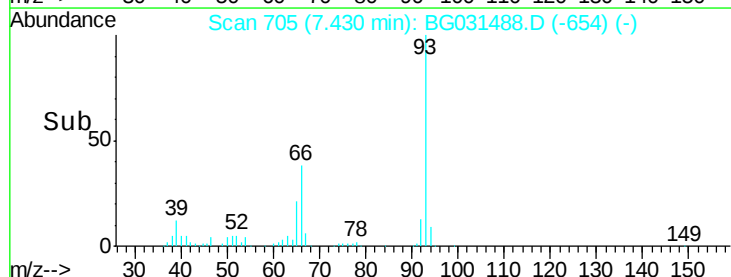
65 21.3 16.1 24.1

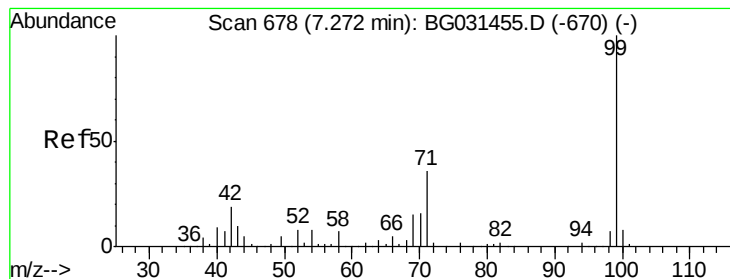


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.841 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

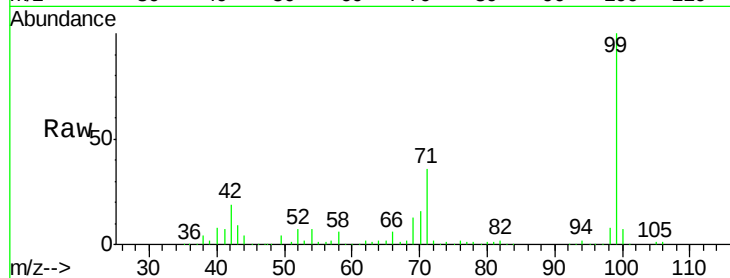
Tot Ion: 99 Resp: 404866

Ion Ratio Lower Upper

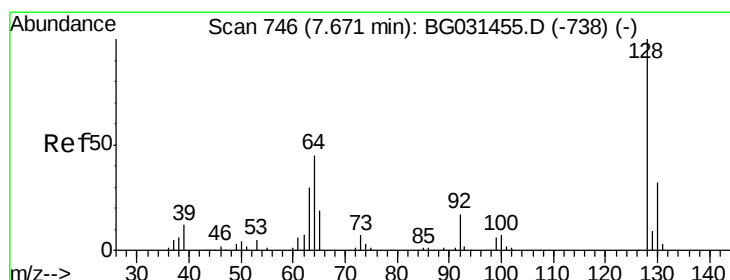
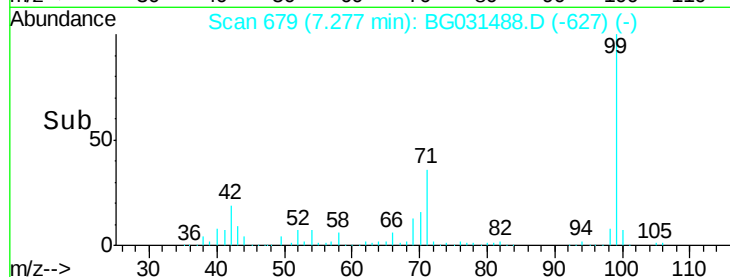
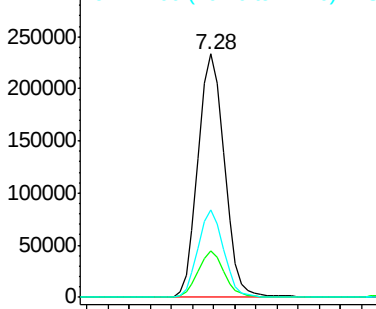
99 100

42 18.9 14.1 21.1

71 35.8 26.1 39.1



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: 51.506 ng

RT: 7.68 min Scan# 747

Delta R.T. 0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

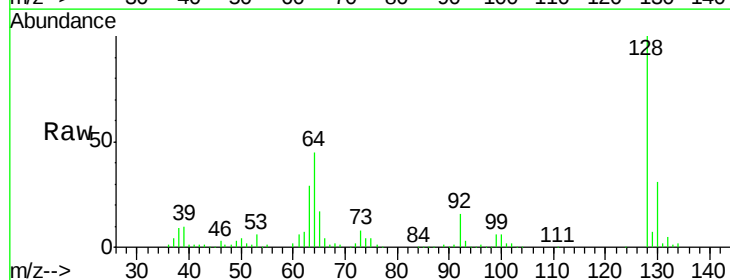
Tgt Ion: 128 Resp: 166157

Ion Ratio Lower Upper

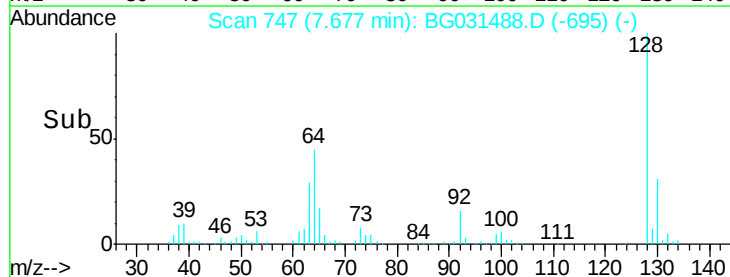
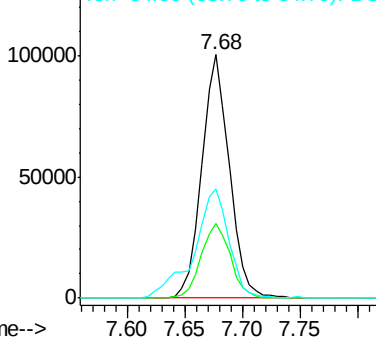
128 100

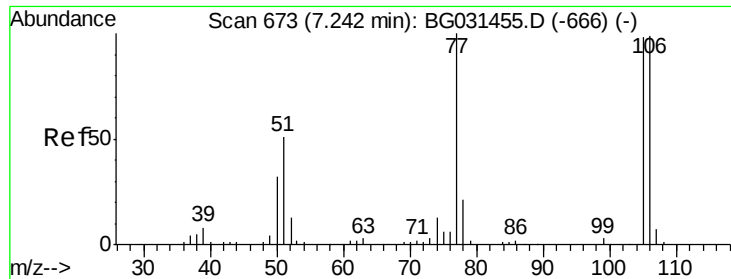
130 30.5 14.0 54.0

64 44.6 37.7 77.7



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





#9

Benzaldehyde

Concen: 19.196 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

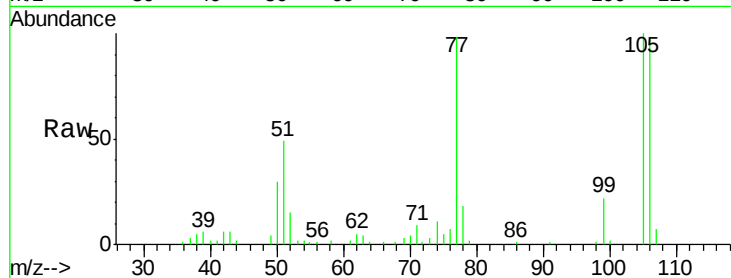
Tot Ion: 77 Resp: 44674

Ion Ratio Lower Upper

77 100

105 101.8 71.3 111.3

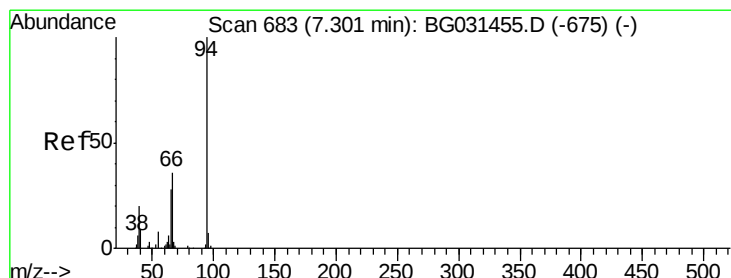
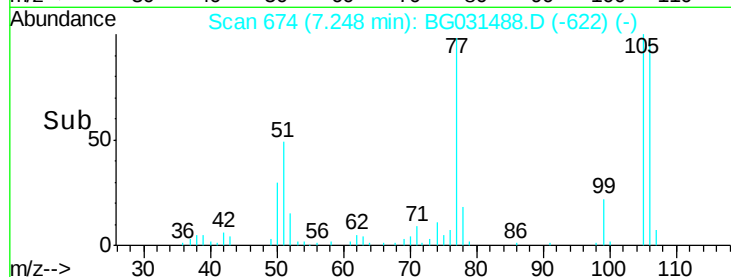
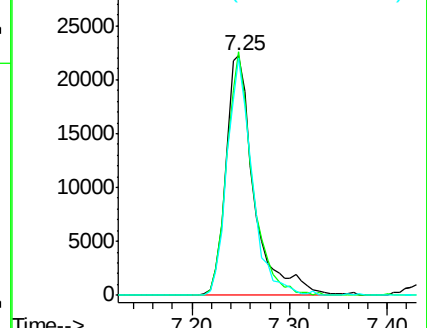
106 99.2 64.2 104.2



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: 50.696 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

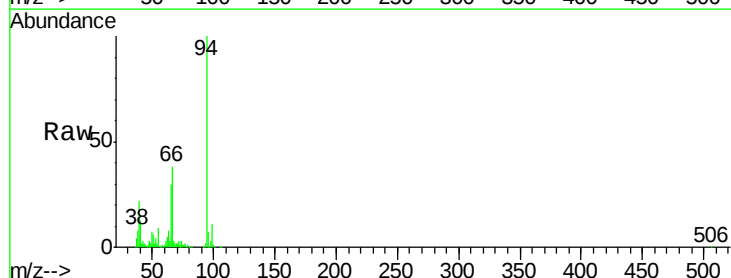
Tgt Ion: 94 Resp: 209091

Ion Ratio Lower Upper

94 100

65 29.6 11.9 51.9

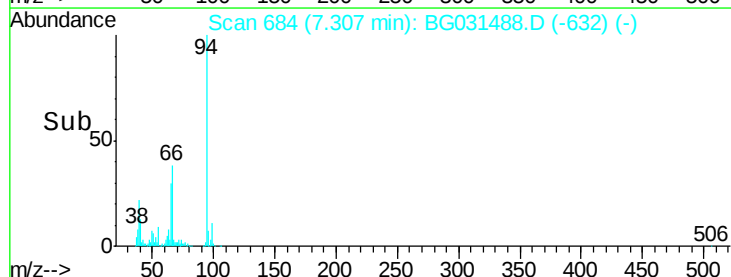
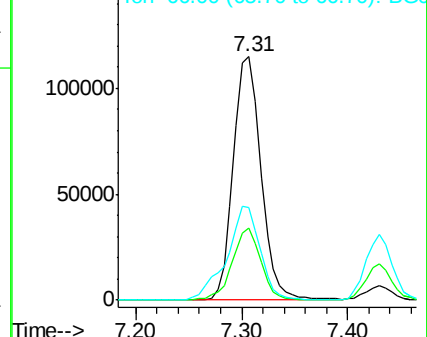
66 37.9 22.2 62.2

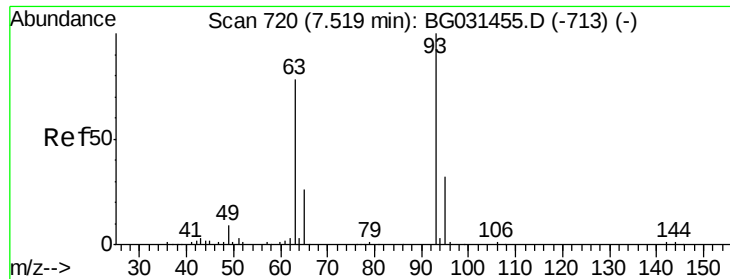


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

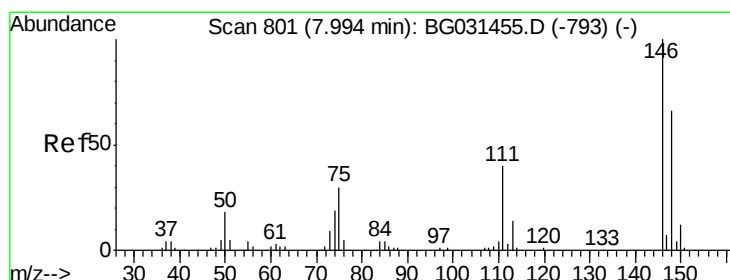
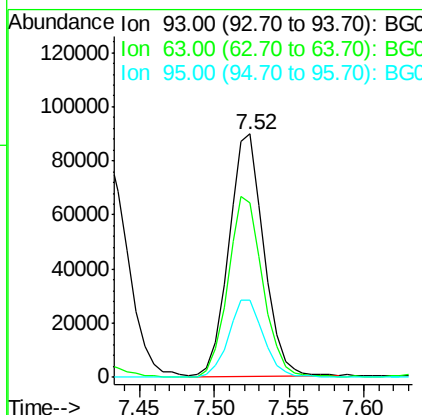
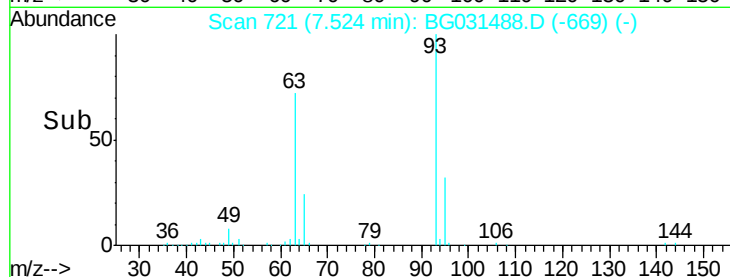
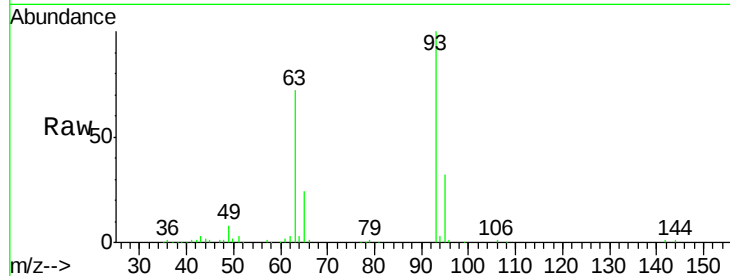




#11
bis(2-Chloroethyl)ether
Concen: 43.213 ng
RT: 7.52 min Scan# 721
Delta R.T. 0.01 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

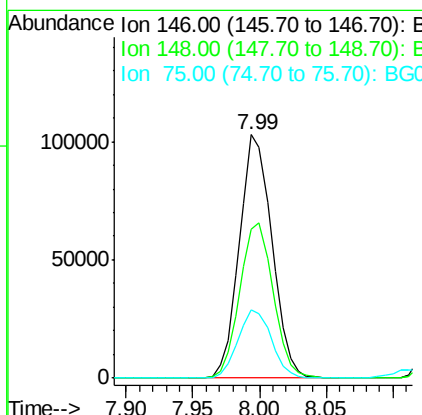
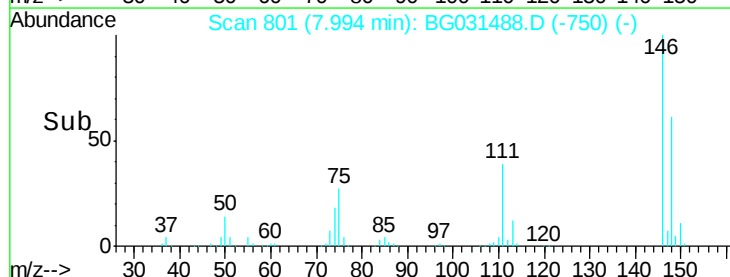
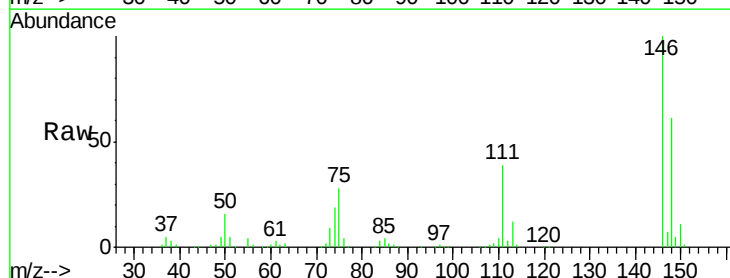
Instrument :
BNA_G
ClientSampleId :
PB104888BSD

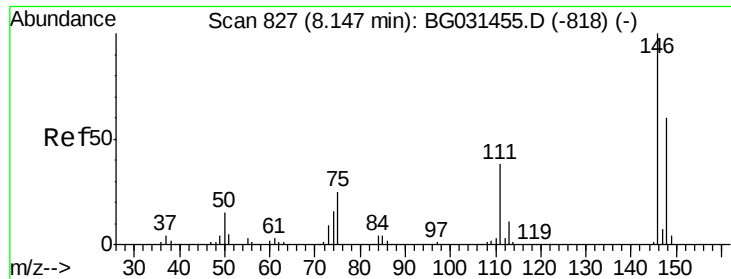
Tot Ion: 93 Resp: 145466
Ion Ratio Lower Upper
93 100
63 71.5 67.1 107.1
95 32.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 45.470 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Tgt Ion: 146 Resp: 174437
Ion Ratio Lower Upper
146 100
148 61.2 51.4 77.2
75 28.1 26.6 39.8

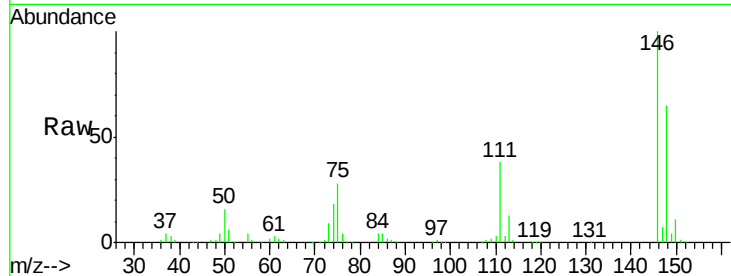




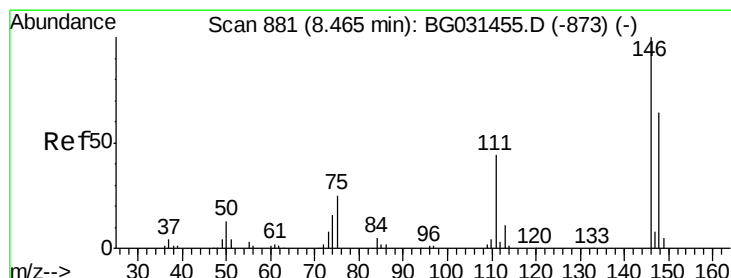
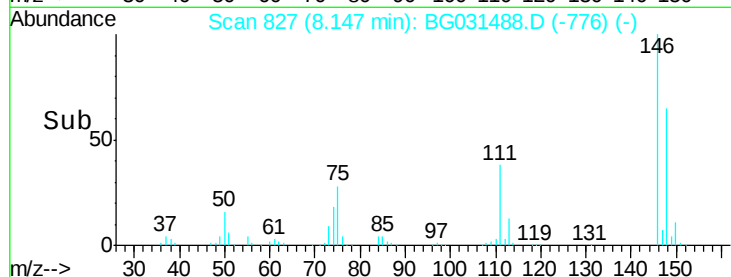
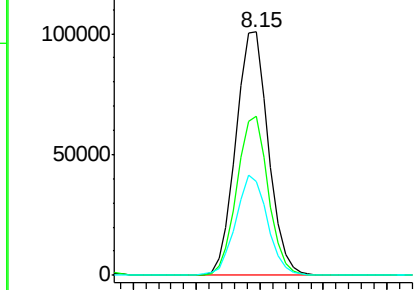
#13
 1,4-Dichlorobenzene
 Concen: 44.970 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

Tot Ion:146 Resp: 179299
 Ion Ratio Lower Upper
 146 100
 148 65.4 53.7 80.5
 111 38.5 35.2 52.8

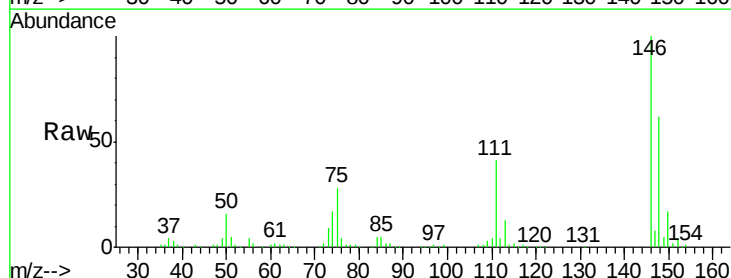


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

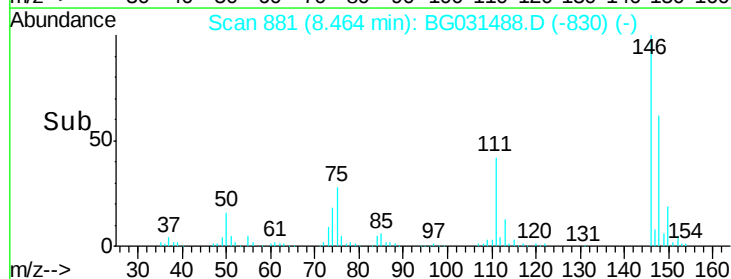
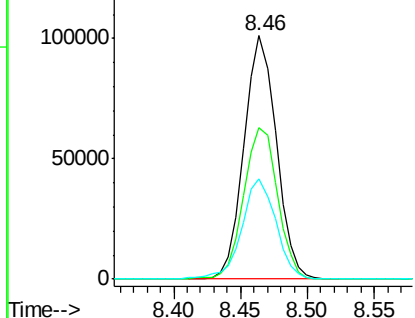


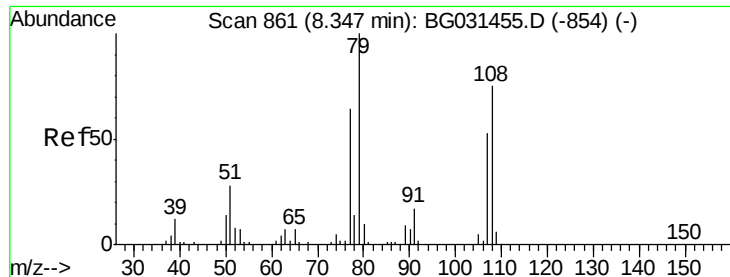
#14
 1,2-Dichlorobenzene
 Concen: 44.595 ng
 RT: 8.46 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion:146 Resp: 169375
 Ion Ratio Lower Upper
 146 100
 148 62.5 49.3 73.9
 111 41.4 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 44.282 ng

RT: 8.35 min Scan# 862

Delta R.T. 0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

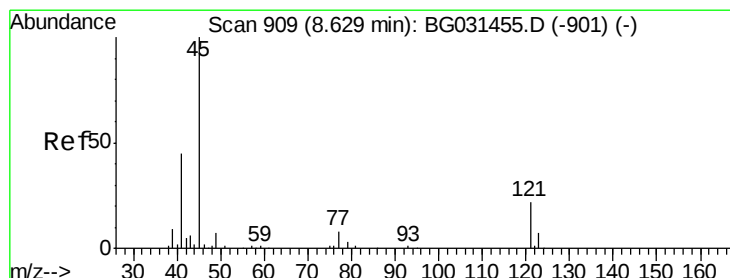
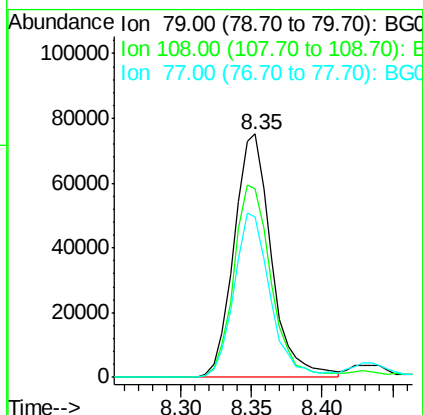
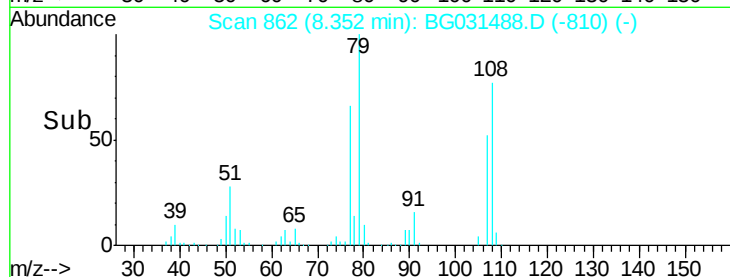
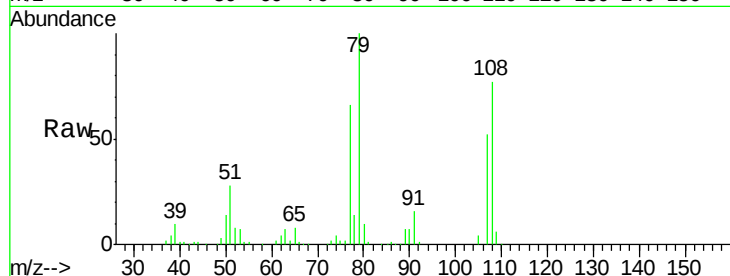
Tot Ion: 79 Resp: 139076

Ion Ratio Lower Upper

79 100

108 77.4 57.2 85.8

77 65.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.162 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

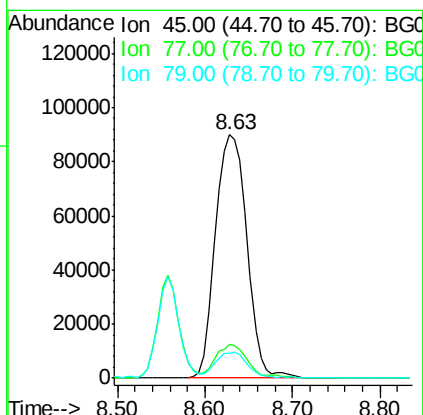
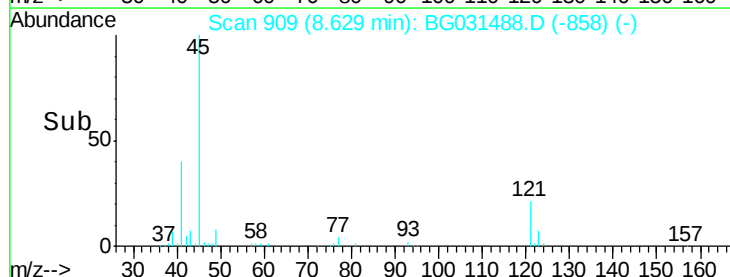
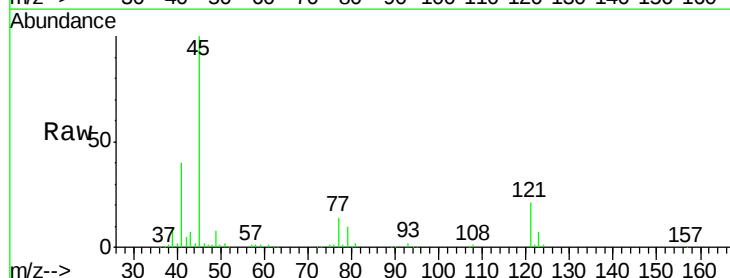
Tgt Ion: 45 Resp: 223738

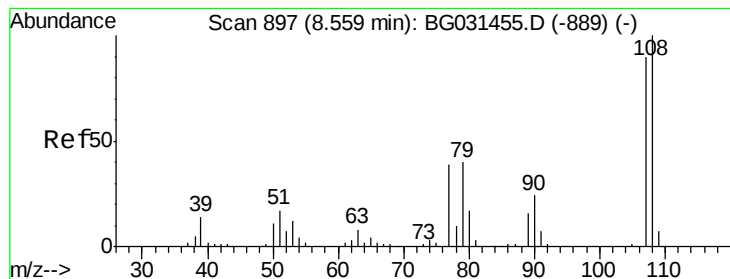
Ion Ratio Lower Upper

45 100

77 13.9 0.0 30.2

79 10.1 0.0 27.9

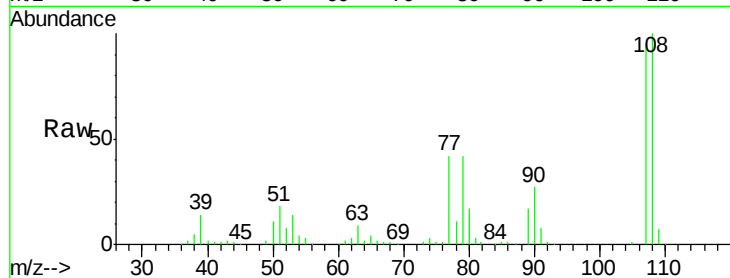




#17
2-Methylphenol
Concen: 51.314 ng
RT: 8.56 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Instrument :
BNA_G
ClientSampleId :
PB104888BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.3	83.9	125.9
77	44.8	37.2	55.8
79	44.4	36.2	54.2



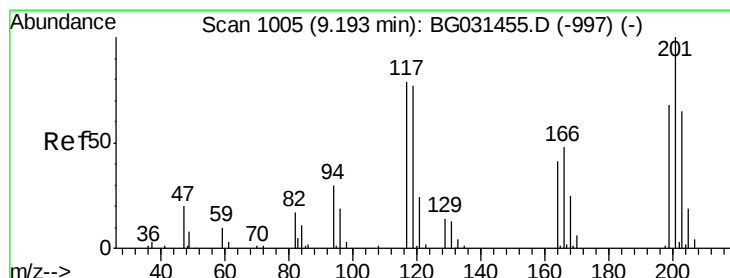
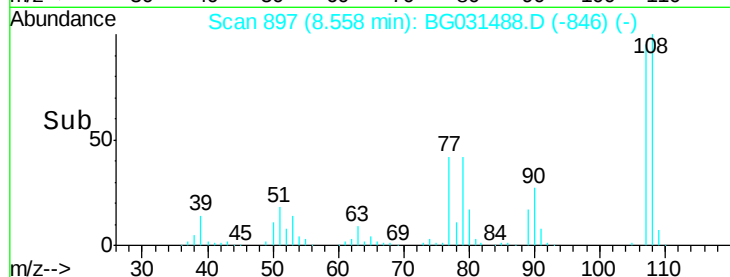
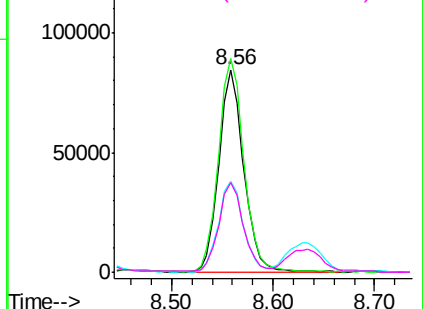
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

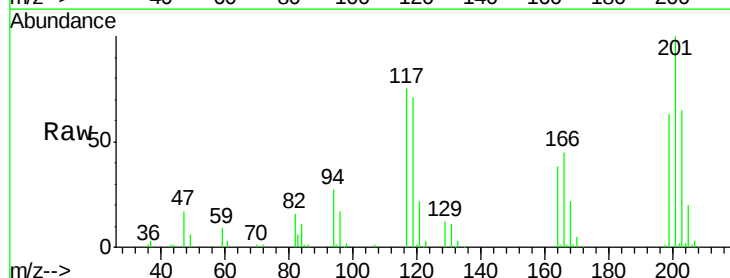
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.666 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.7	115.1
201	133.7	95.7	143.5

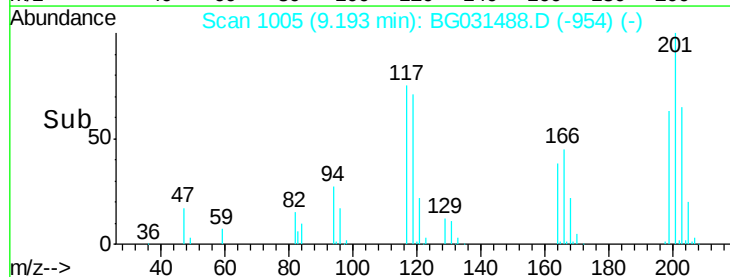
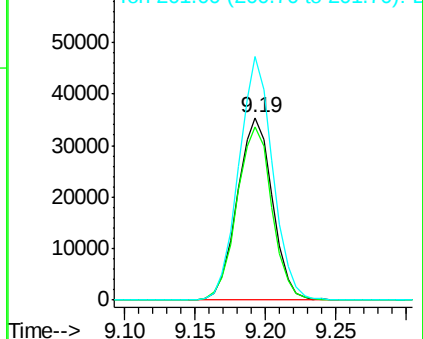


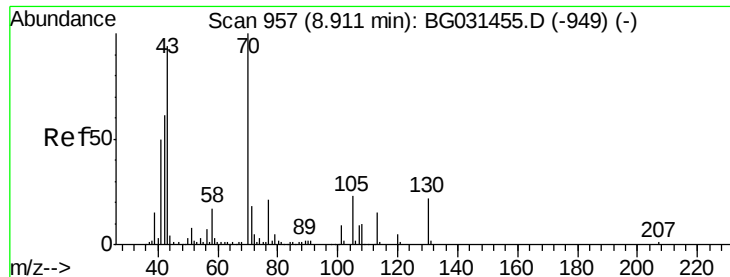
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

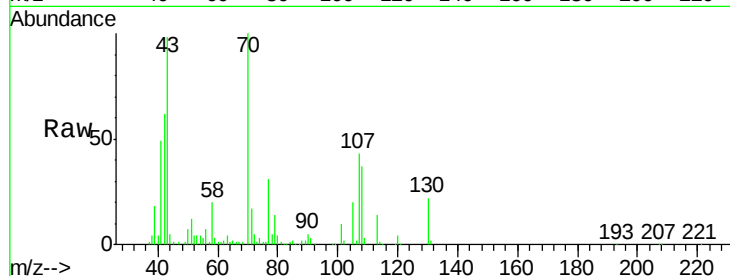




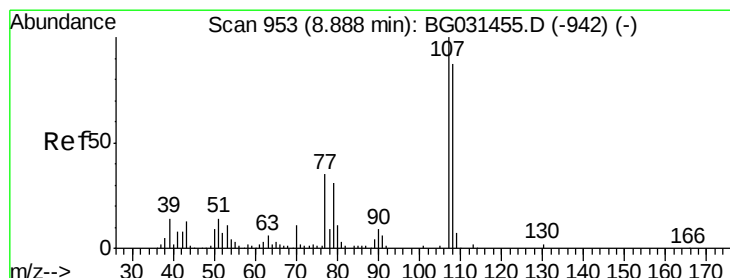
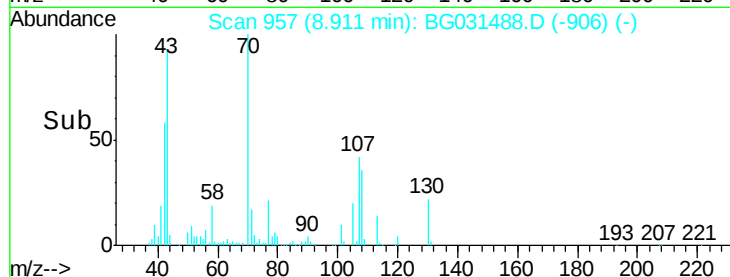
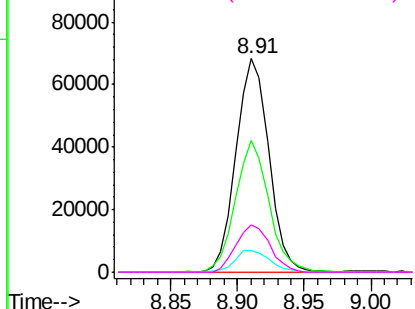
#19
n-Nitroso-di-n-propylamine
Concen: 36.939 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Instrument :
BNA_G
ClientSampleId :
PB104888BSD

Tot Ion: 70 Resp: 116731
Ion Ratio Lower Upper
70 100
42 62.0 49.1 73.7
101 10.3 8.5 12.7
130 22.1 13.4 20.0#

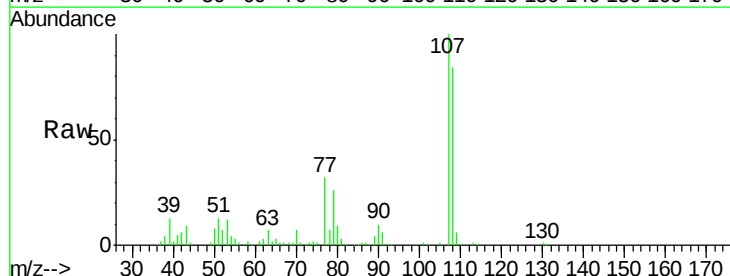


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

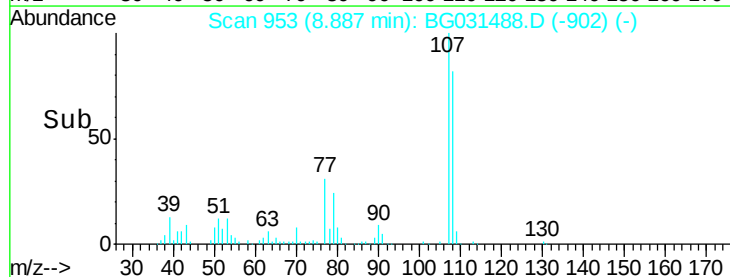
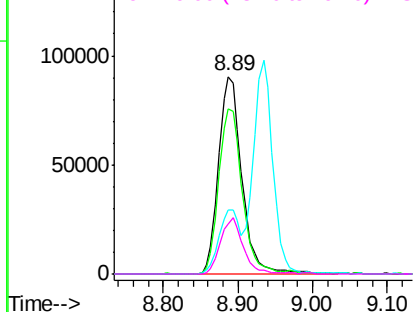


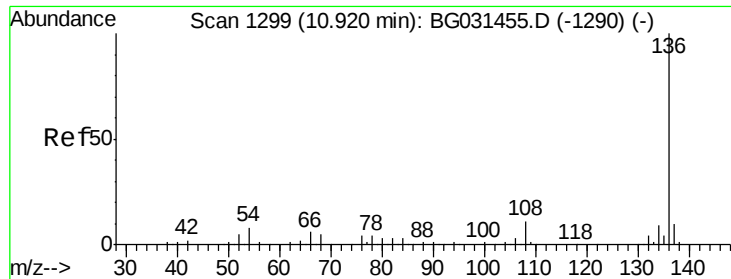
#20
3+4-Methylphenols
Concen: 46.952 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Tgt Ion:107 Resp: 196647
Ion Ratio Lower Upper
107 100
108 83.7 61.6 101.6
77 32.2 13.9 53.9
79 25.6 8.8 48.8



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

Tot Ion:136 Resp: 215855

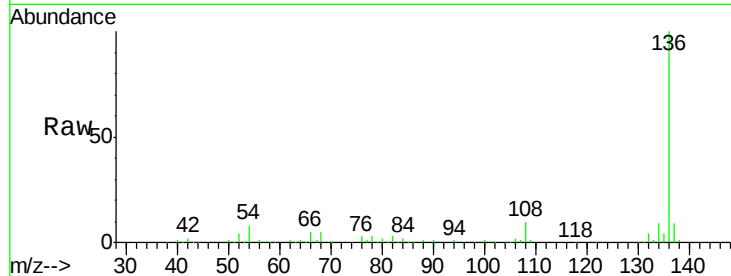
Ion Ratio Lower Upper

136 100

137 9.5 9.2 13.8

54 7.9 10.3 15.5#

68 4.7 4.5 6.7

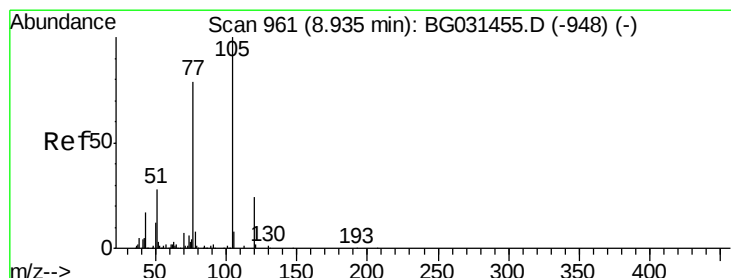
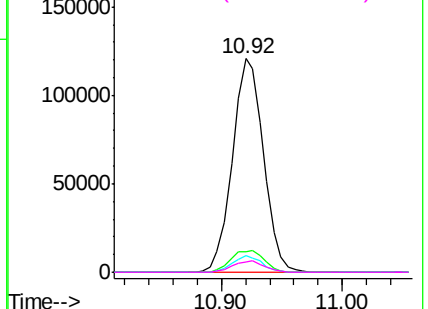
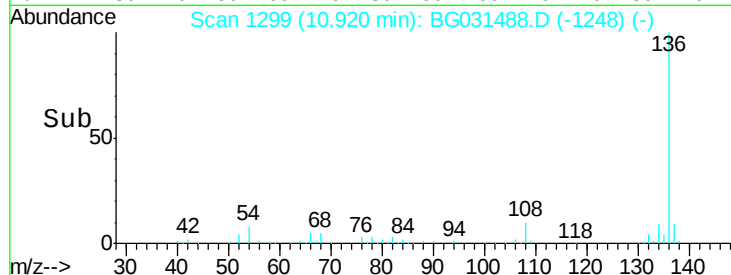


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.902 ng

RT: 8.93 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Tgt Ion:105 Resp: 227342

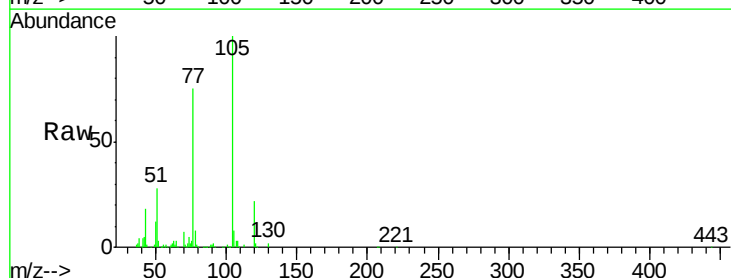
Ion Ratio Lower Upper

105 100

71 1.2 3.0 4.4#

51 28.0 26.1 39.1

120 22.0 17.4 26.2

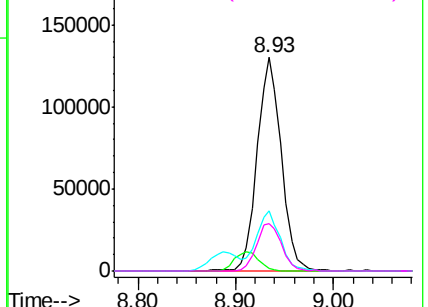
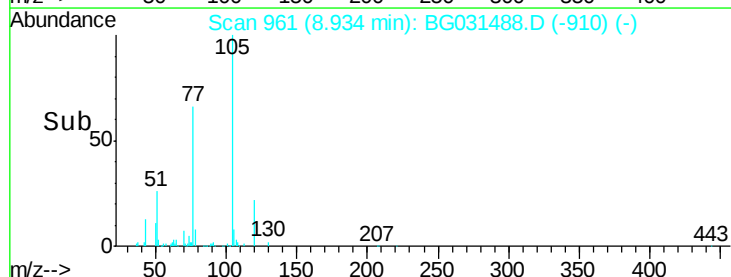


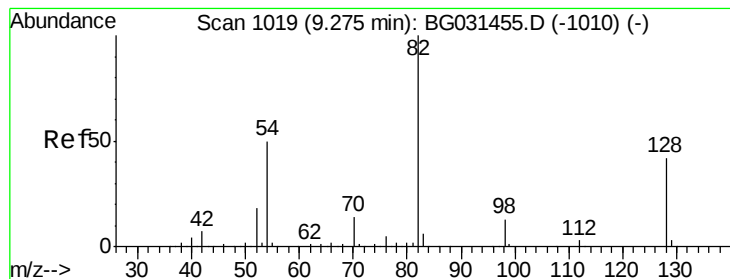
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 97.644 ng

RT: 9.27 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

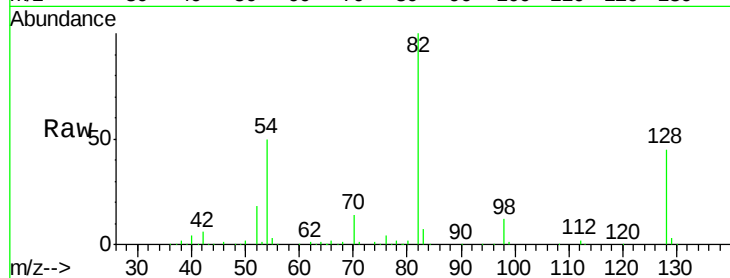
Tot Ion: 82 Resp: 341955

Ion Ratio Lower Upper

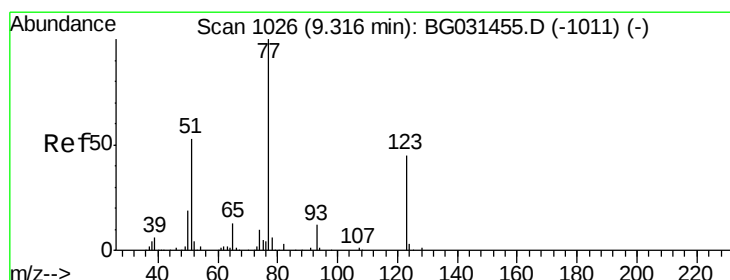
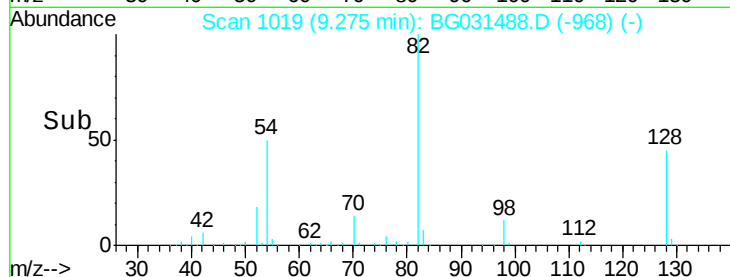
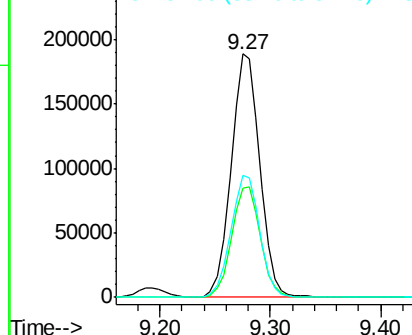
82 100

128 44.9 29.7 44.5#

54 50.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 49.525 ng

RT: 9.32 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

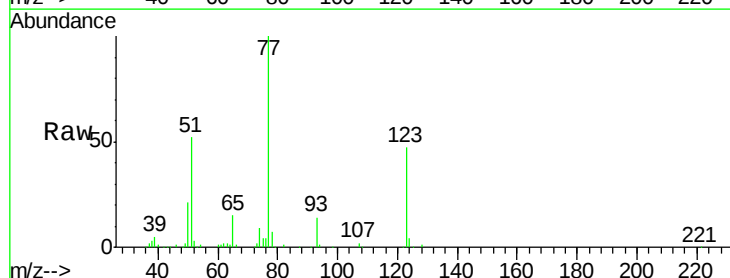
Tgt Ion: 77 Resp: 177726

Ion Ratio Lower Upper

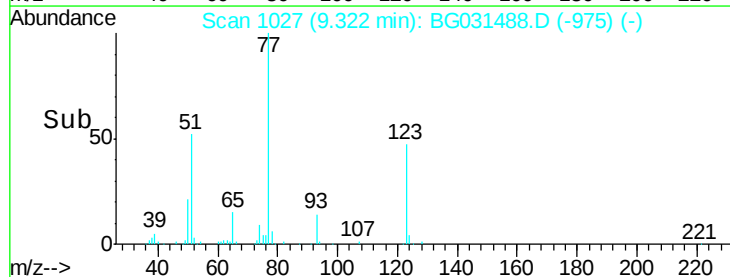
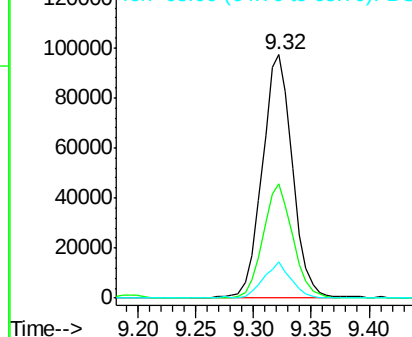
77 100

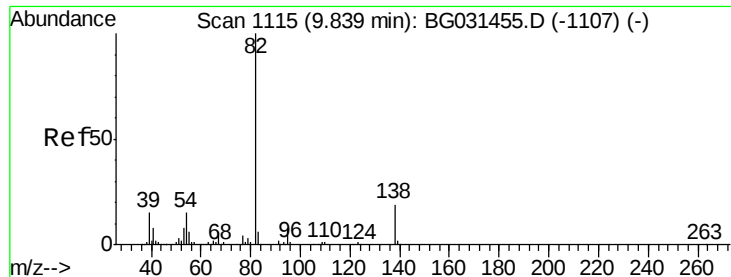
123 46.7 33.0 49.6

65 14.8 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 49.790 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

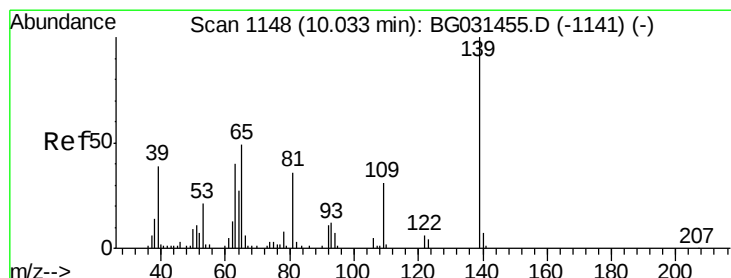
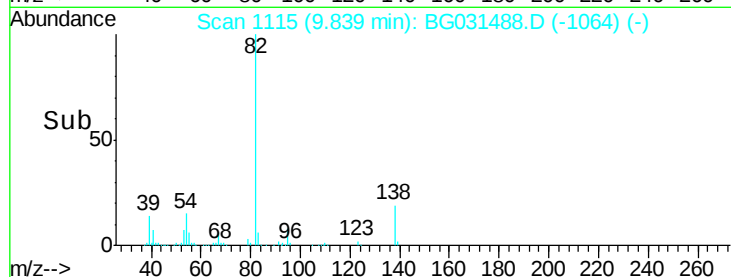
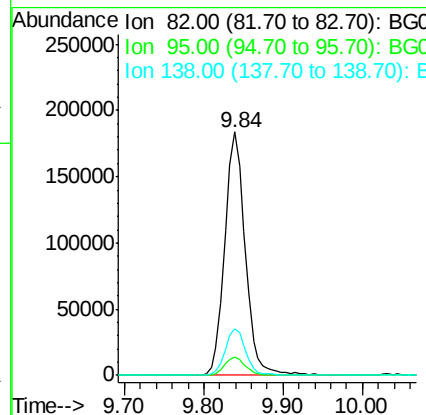
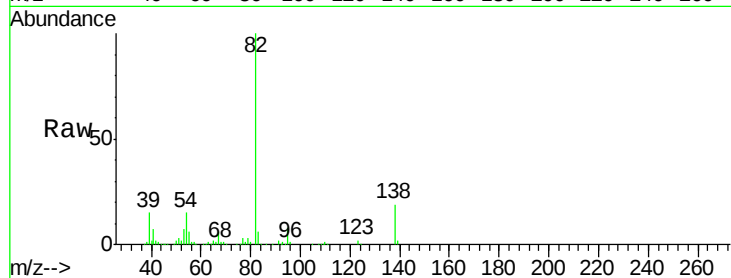
Tot Ion: 82 Resp: 329525

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 19.0 12.1 18.1#



#26

2-Nitrophenol

Concen: 52.739 ng

RT: 10.04 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

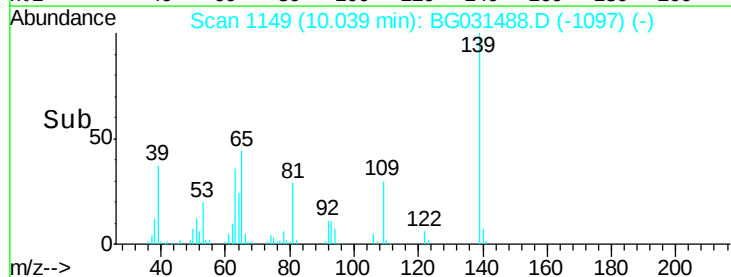
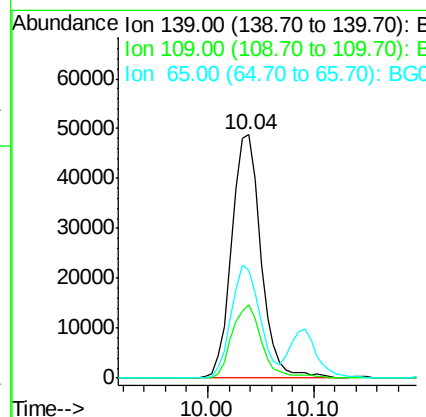
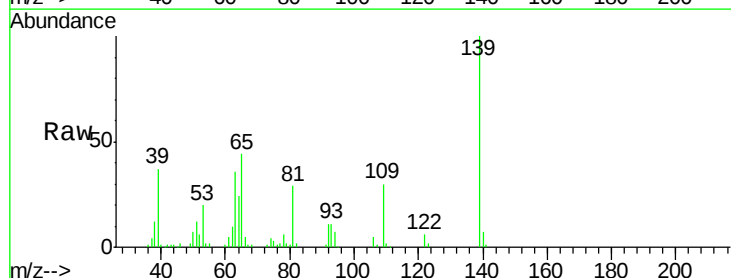
Tgt Ion: 139 Resp: 93585

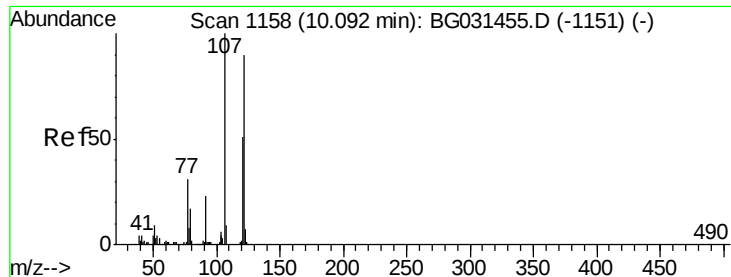
Ion Ratio Lower Upper

139 100

109 30.0 24.2 36.2

65 44.2 47.4 71.0#

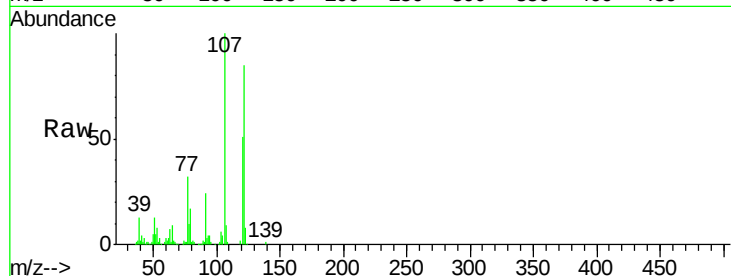




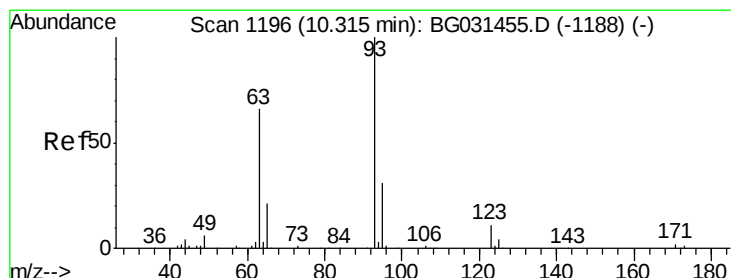
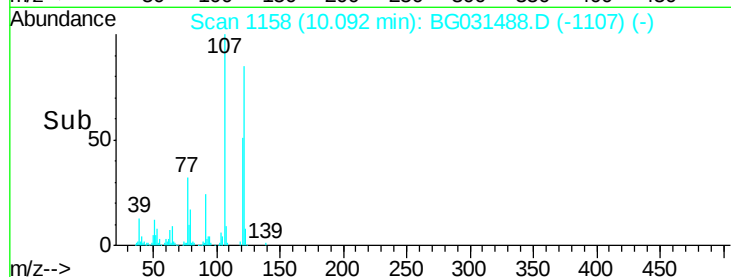
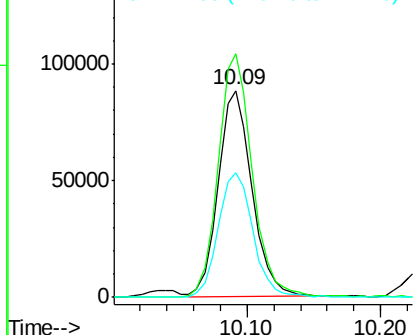
#27
 2,4-Dimethylphenol
 Concen: 58.034 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	100.2	150.2
121	60.0	44.4	66.6

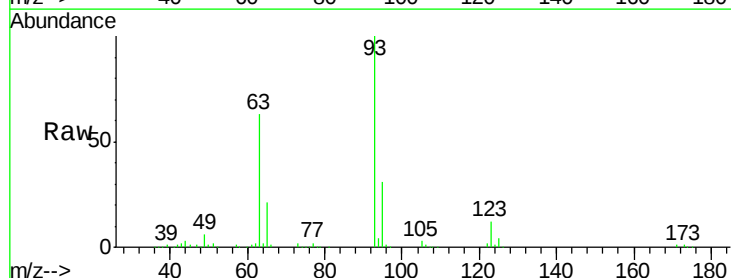


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

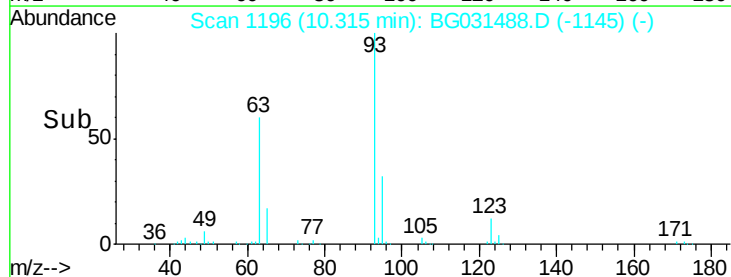
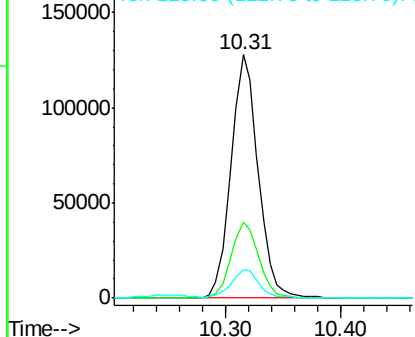


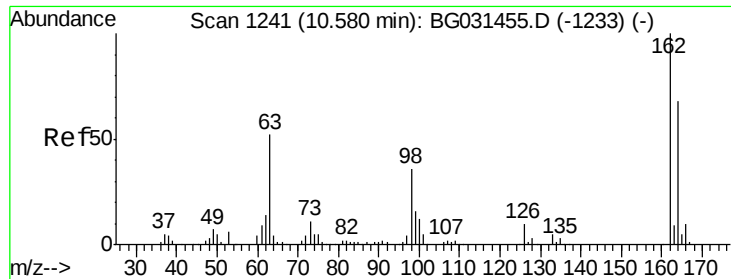
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.769 ng
 RT: 10.31 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	24.3	36.5
123	11.8	8.4	12.6



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

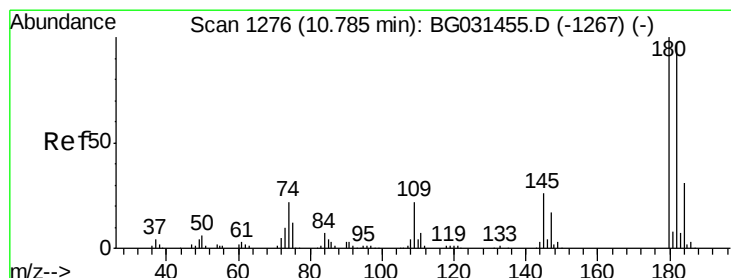
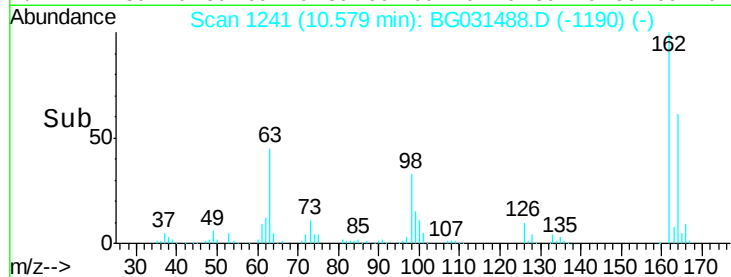
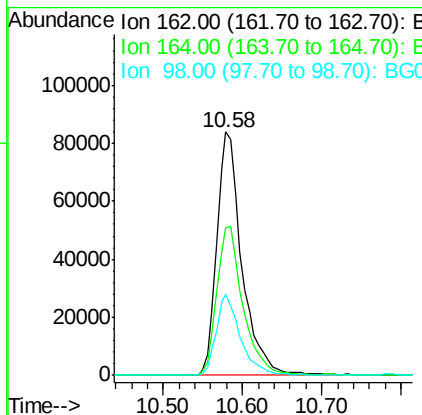
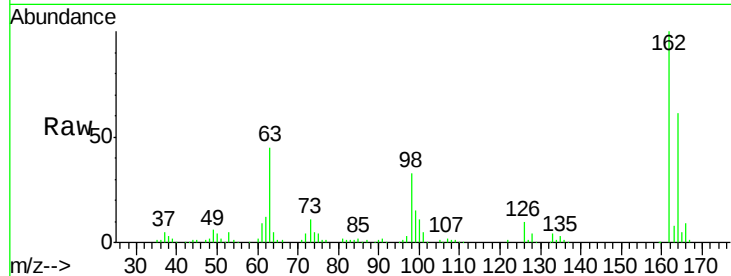




#29
 2,4-Dichlorophenol
 Concen: 57.524 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

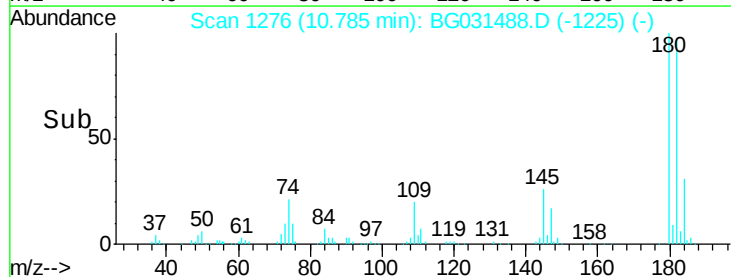
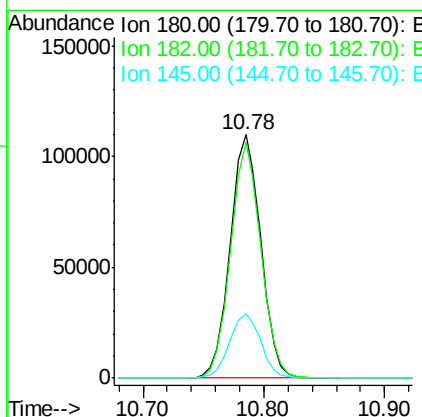
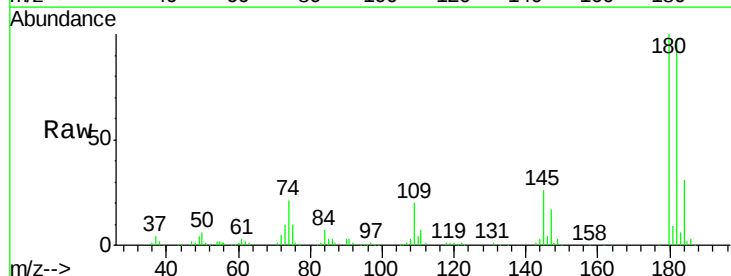
Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

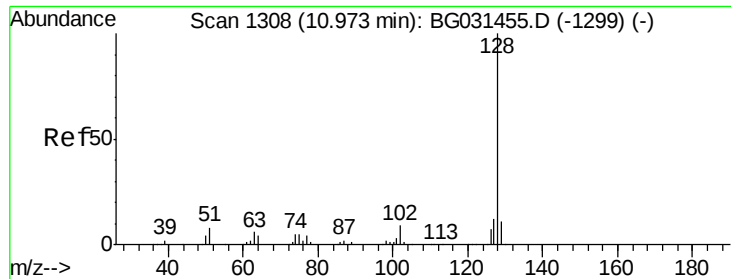
Tot Ion:162 Resp: 182691
 Ion Ratio Lower Upper
 162 100
 164 60.9 48.0 88.0
 98 33.1 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.834 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion:180 Resp: 194054
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.5 116.3
 145 26.4 23.4 35.2

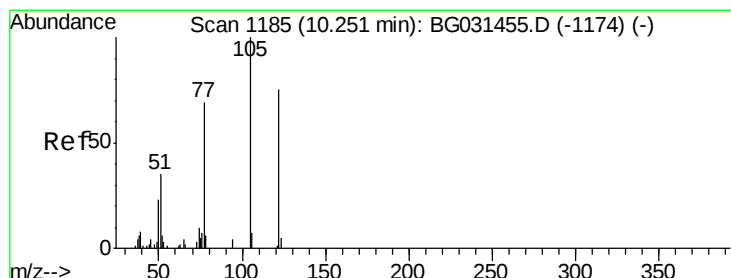
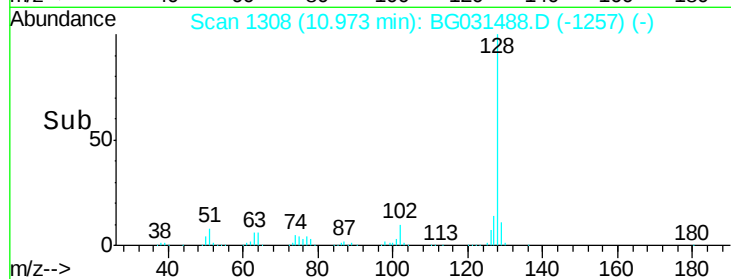
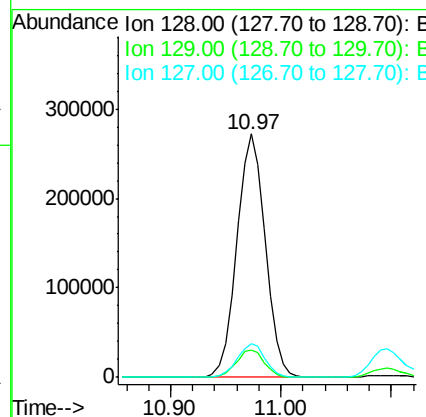
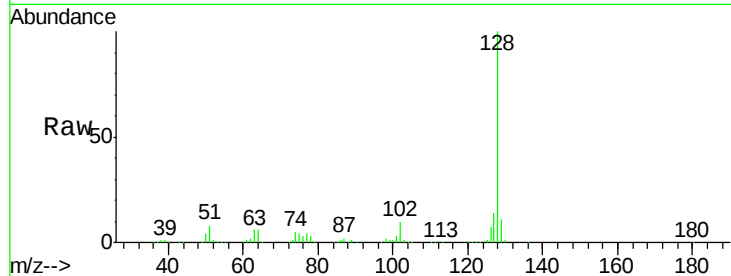




#31
Naphthalene
Concen: 46.235 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

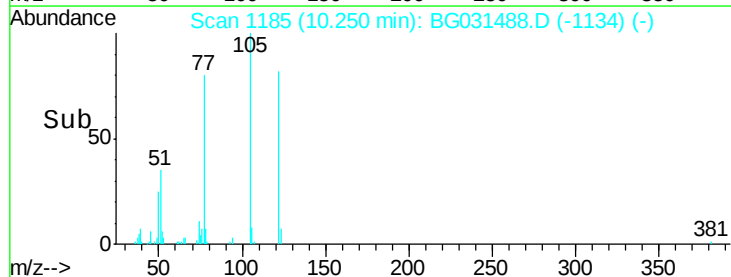
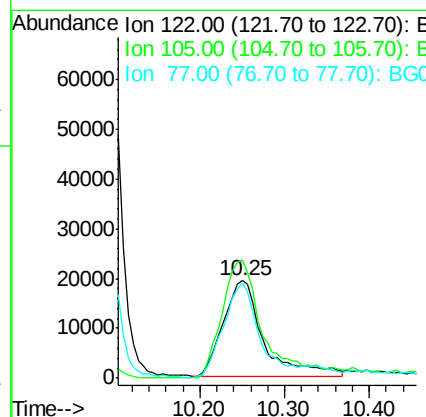
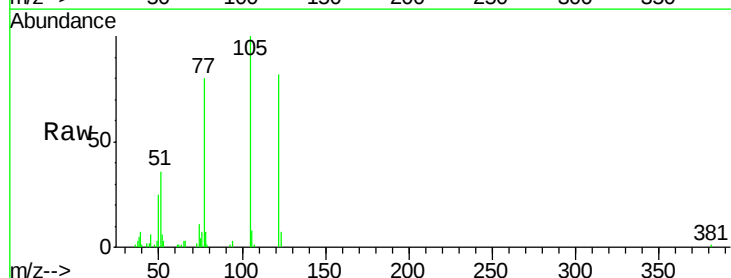
Instrument :
BNA_G
ClientSampleId :
PB104888BSD

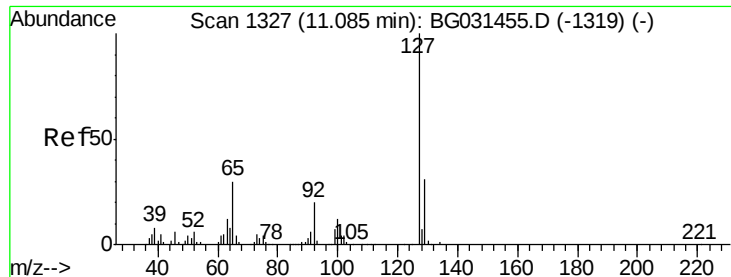
Tot Ion:128 Resp: 490294
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 42.450 ng
RT: 10.25 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Tgt Ion:122 Resp: 63921
Ion Ratio Lower Upper
122 100
105 122.4 123.5 163.5#
77 98.4 85.7 125.7

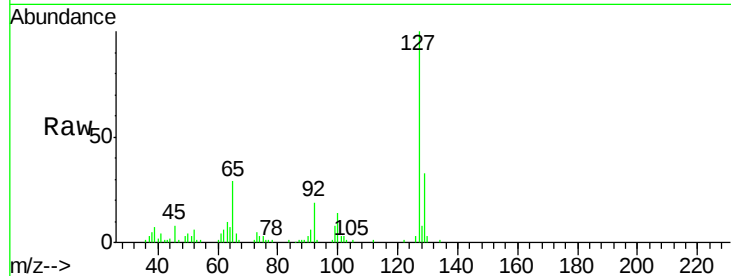




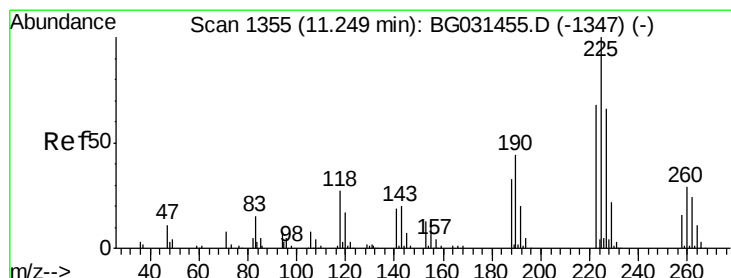
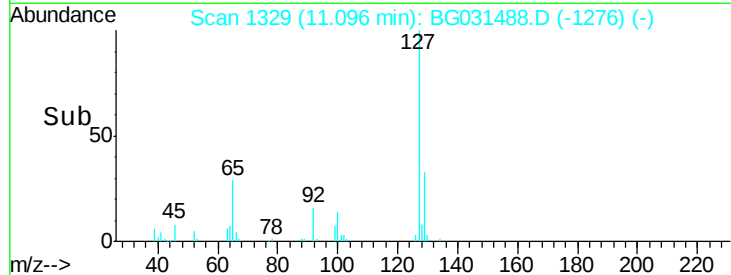
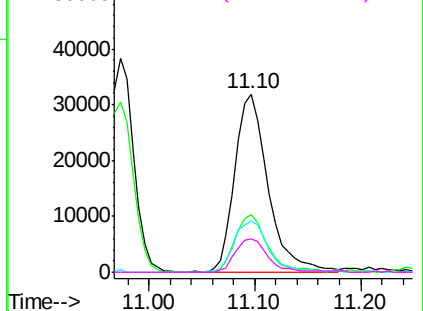
#33
4-Chloroaniline
Concen: 15.138 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Instrument :
BNA_G
ClientSampleId :
PB104888BSD

Tot Ion:127	Resp:	69701
Ion	Ratio	Lower Upper
127	100	
129	32.7	24.0 36.0
65	28.8	27.0 40.4
92	18.7	16.6 25.0

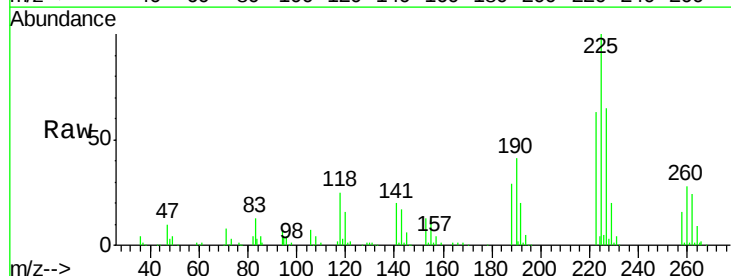


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

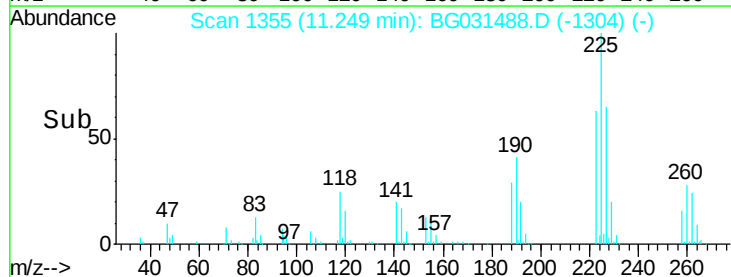
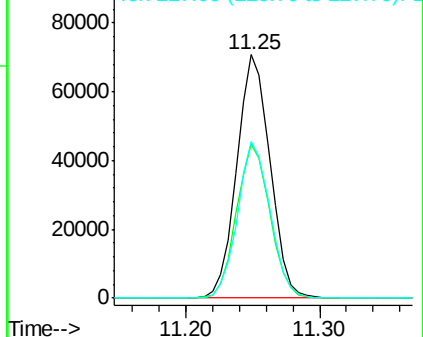


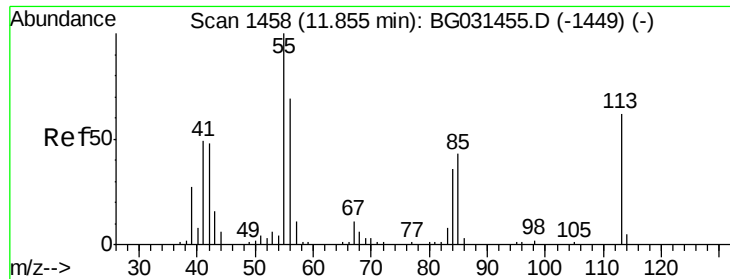
#34
Hexachlorobutadiene
Concen: 45.298 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Tgt Ion:225	Resp:	121894
Ion	Ratio	Lower Upper
225	100	
223	63.2	49.7 74.5
227	64.5	48.1 72.1



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: 24.136 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

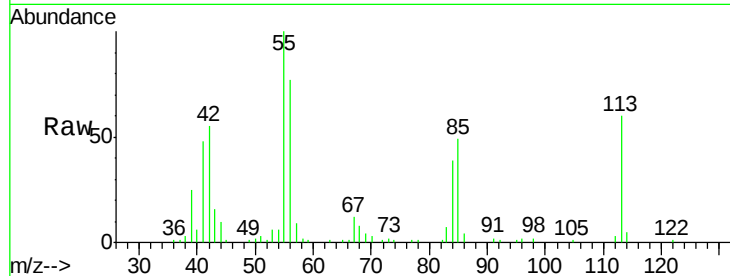
Tot Ion:113 Resp: 30099

Ion Ratio Lower Upper

113 100

55 167.8 186.9 226.9#

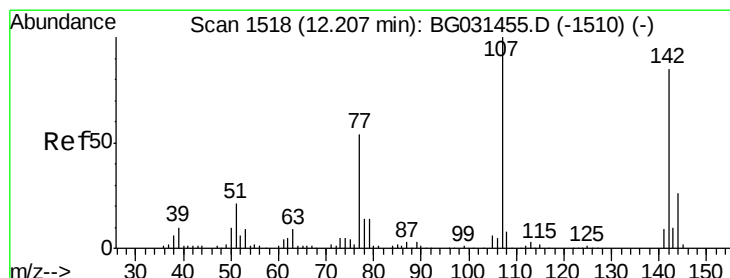
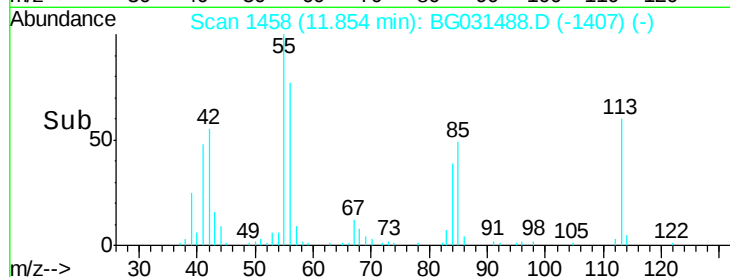
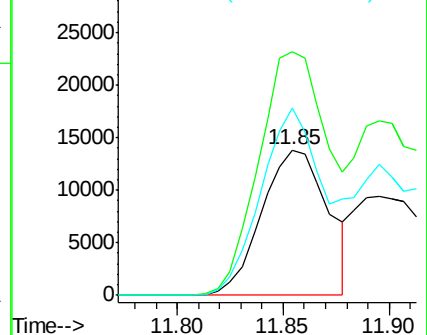
56 128.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.270 ng

RT: 12.21 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

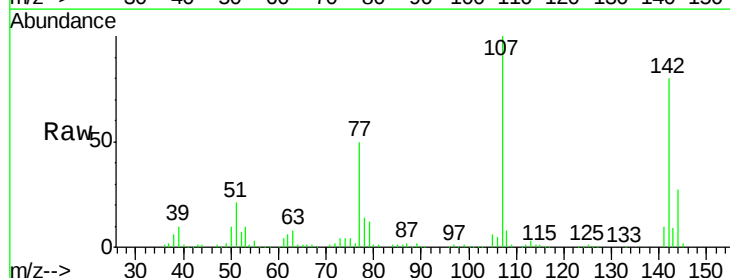
Tgt Ion:107 Resp: 185864

Ion Ratio Lower Upper

107 100

144 27.4 18.2 27.4#

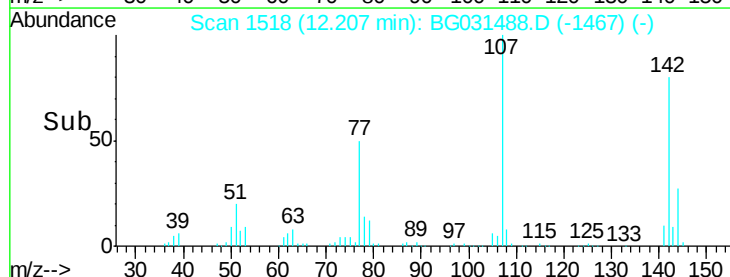
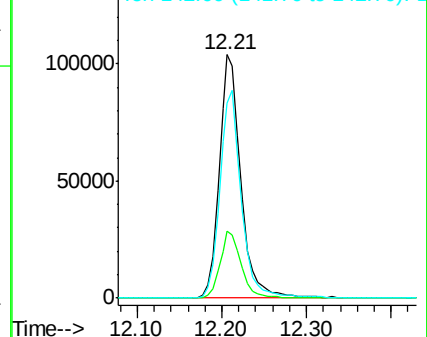
142 80.0 59.0 88.4

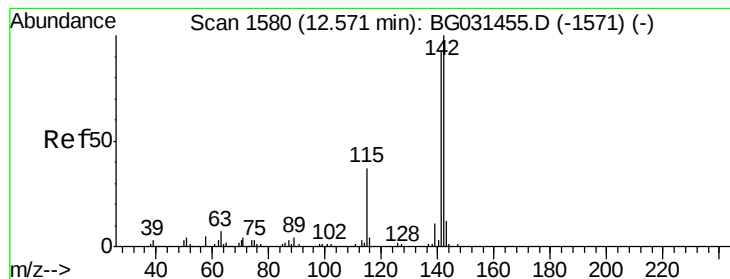


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.340 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

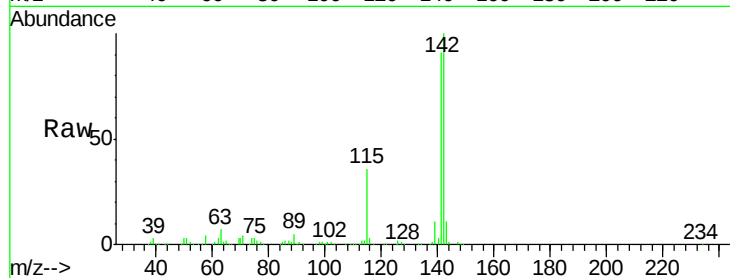
Tot Ion:142 Resp: 388694

Ion Ratio Lower Upper

142 100

141 90.7 67.1 100.7

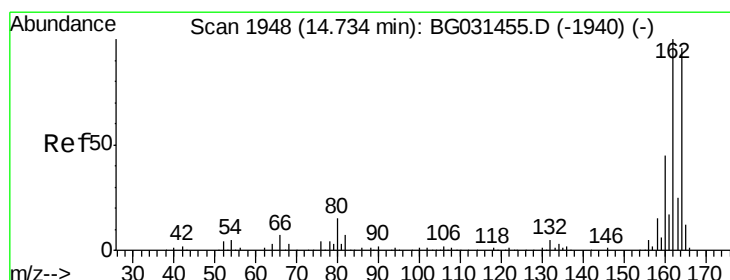
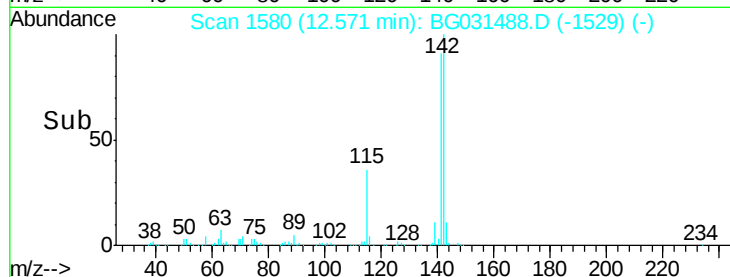
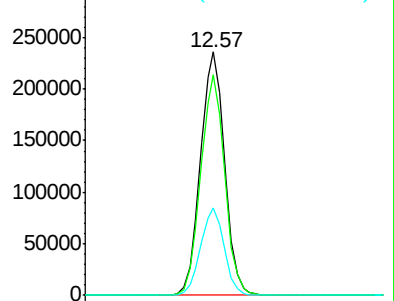
115 36.0 30.7 46.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

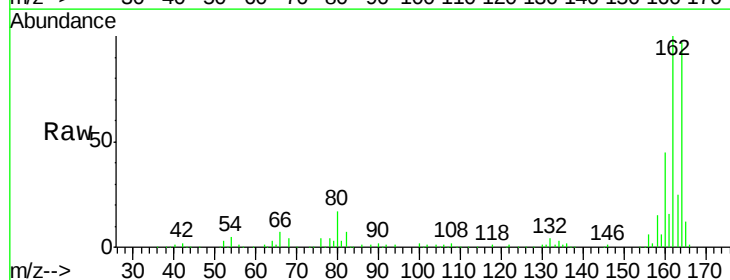
Tgt Ion:164 Resp: 145269

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

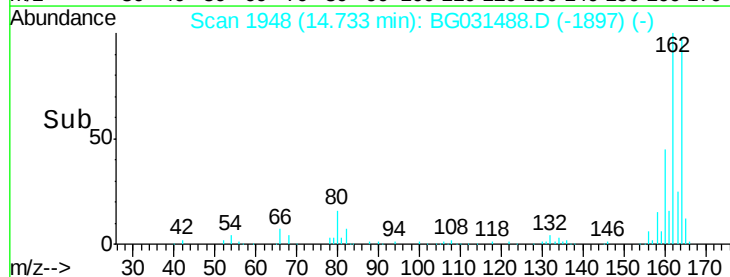
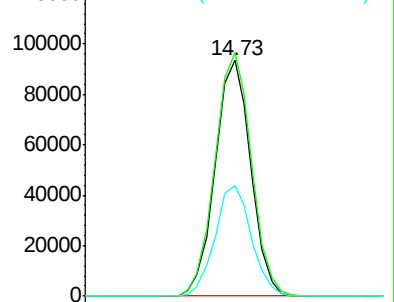
160 46.7 35.4 53.0

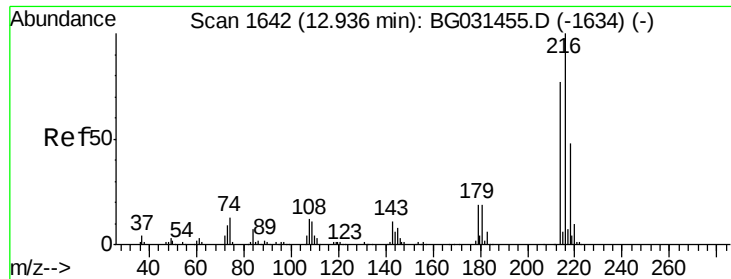


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

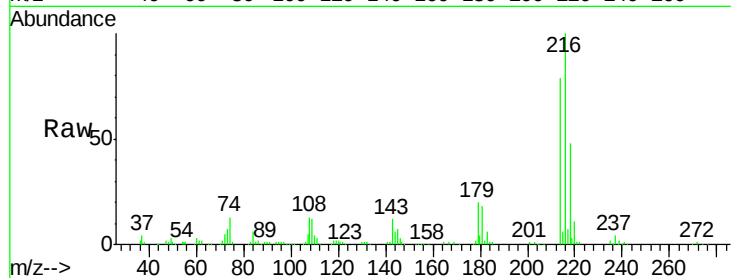




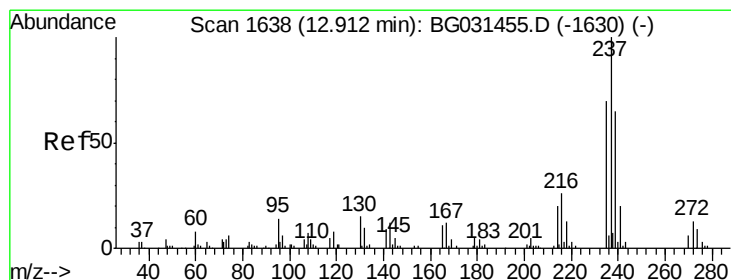
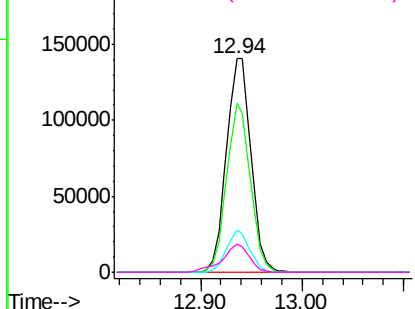
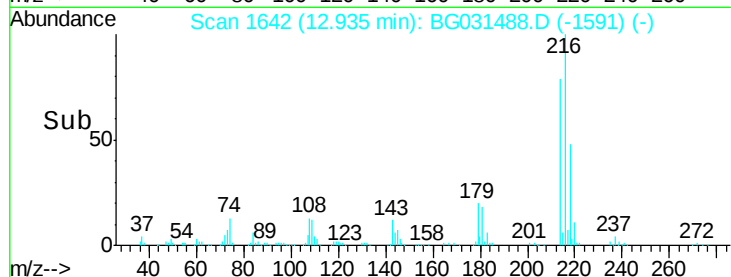
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.517 ng
 RT: 12.94 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

Tot Ion:216	Resp:	235711
Ion Ratio	Lower	Upper
216	100	
214	76.2	63.0 94.4
179	18.7	17.0 25.6
108	14.2	12.8 19.2

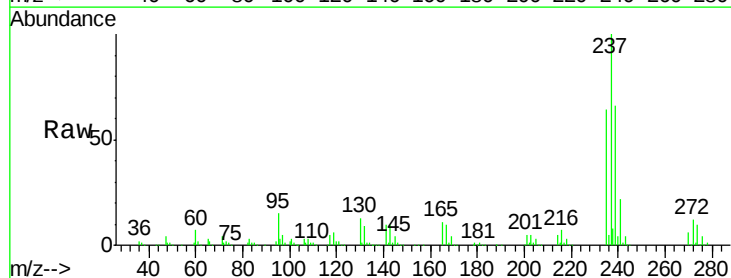


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

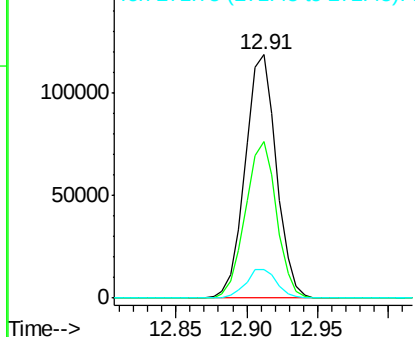
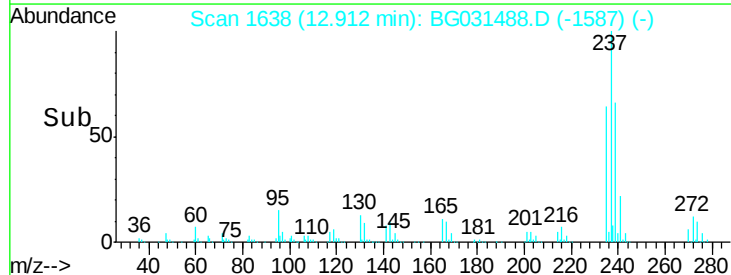


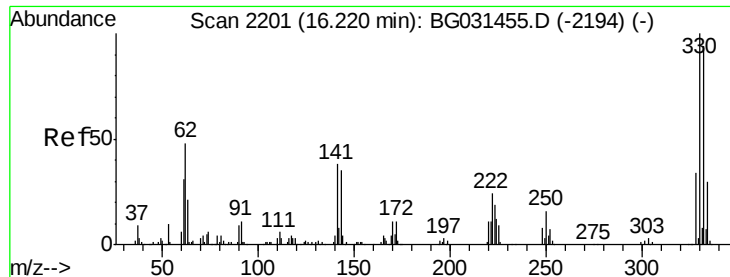
#40
 Hexachlorocyclopentadiene
 Concen: 89.059 ng
 RT: 12.91 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion:237	Resp:	183618
Ion Ratio	Lower	Upper
237	100	
235	64.5	50.4 90.4
272	11.6	0.0 31.8



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

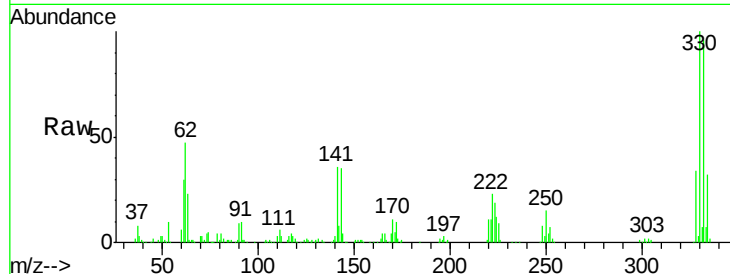




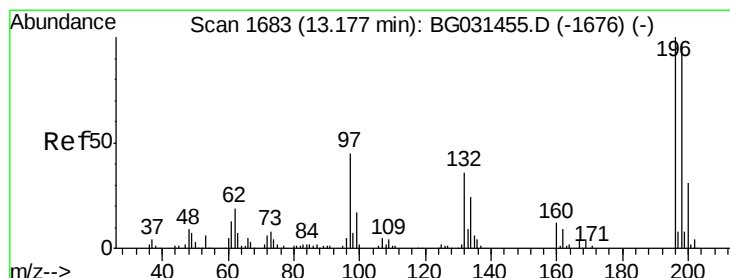
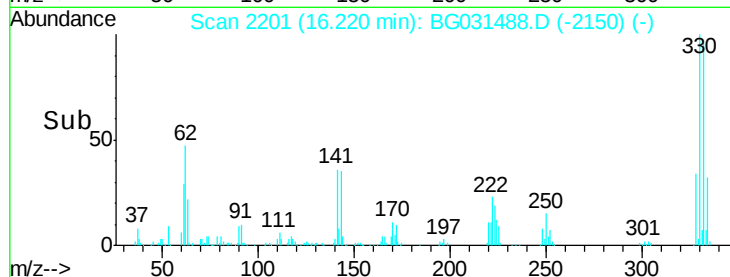
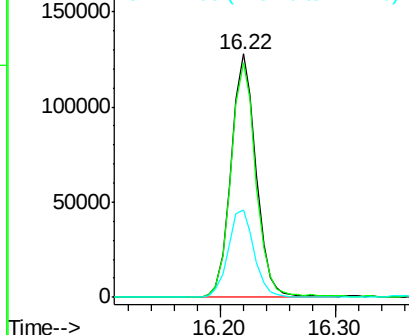
#41
 2,4,6-Tribromophenol
 Concen: 112.294 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

Tot Ion:330 Resp: 191111
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 37.3 25.2 37.8

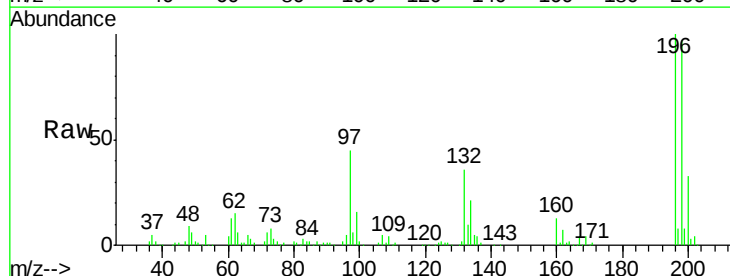


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

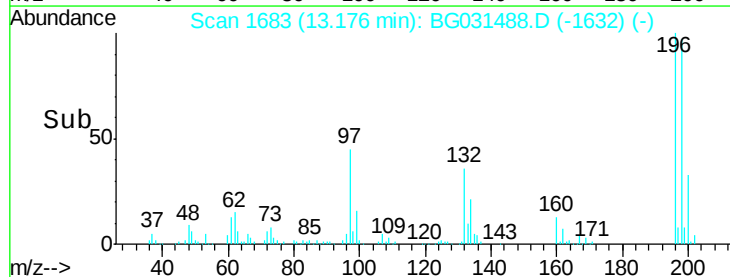
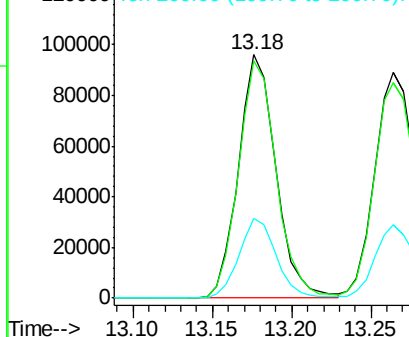


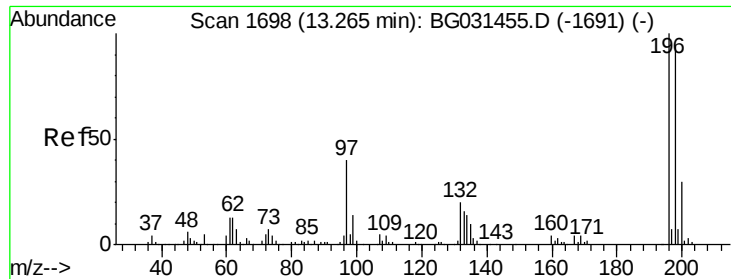
#42
 2,4,6-Trichlorophenol
 Concen: 54.343 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion:196 Resp: 157631
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.2 117.2
 200 32.7 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

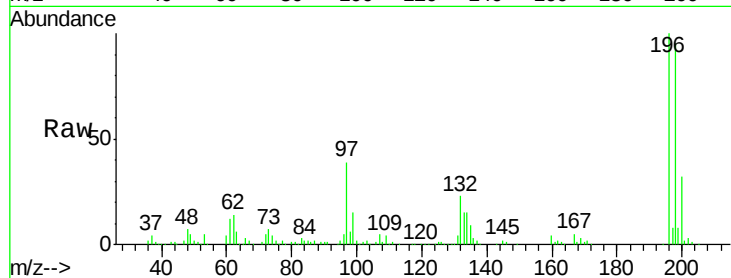




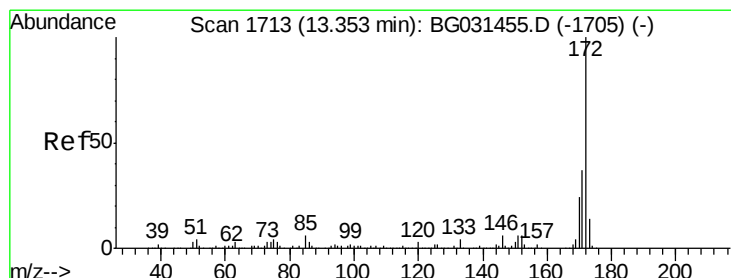
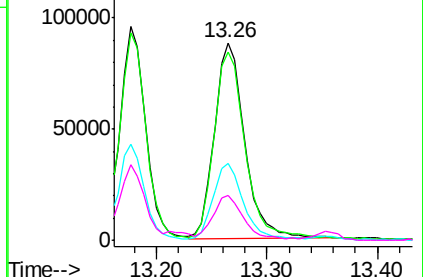
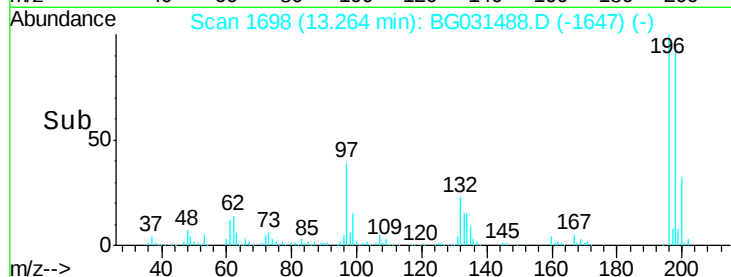
#43
 2,4,5-Trichlorophenol
 Concen: 54.136 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.4
97	39.2	38.7	58.1
132	22.8	20.2	30.2

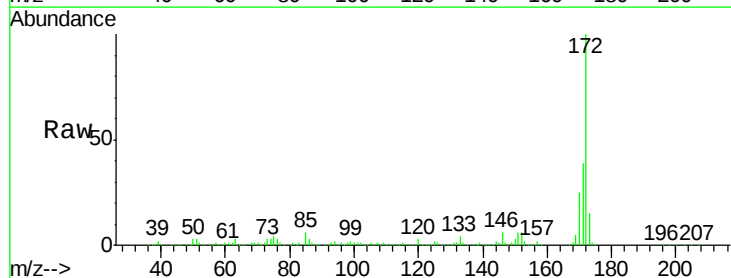


Abundance Ion 196.00 (195.70 to 196.70): E
 150000
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

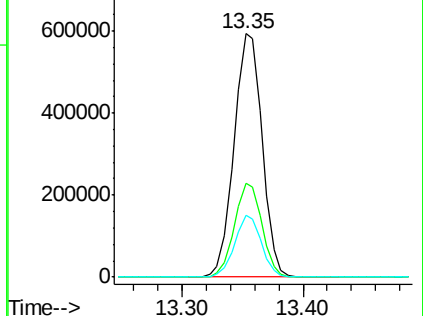
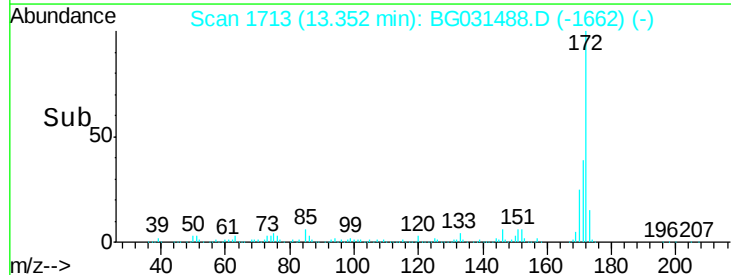


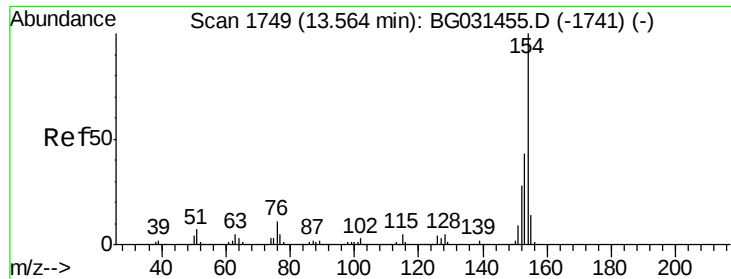
#44
 2-Fluorobiphenyl
 Concen: 97.283 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.3	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 800000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.542 ng

RT: 13.56 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

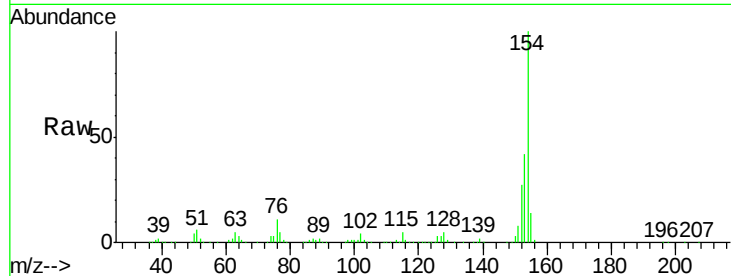
Tot Ion:154 Resp: 507588

Ion Ratio Lower Upper

154 100

153 41.9 19.8 59.8

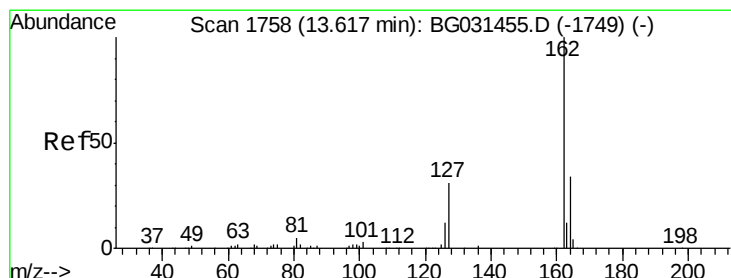
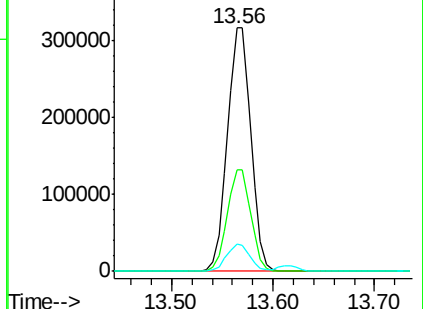
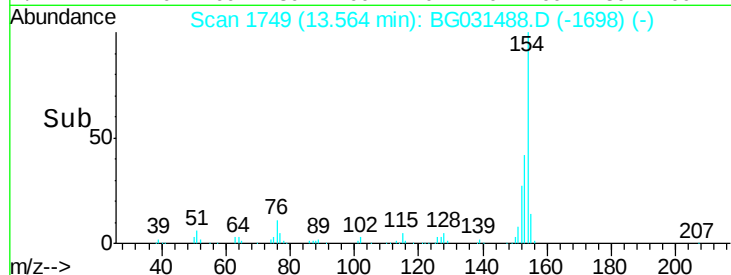
76 11.1 0.0 31.9



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): BGC



#46

2-Chloronaphthalene

Concen: 48.878 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

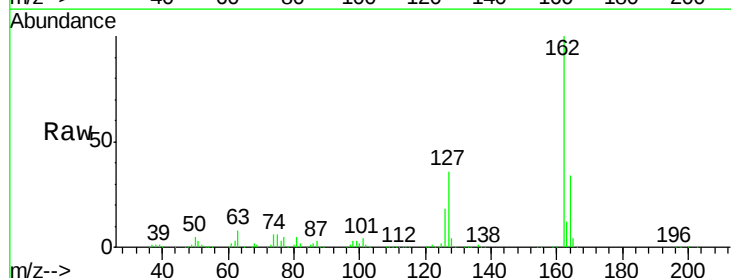
Tgt Ion:162 Resp: 426841

Ion Ratio Lower Upper

162 100

127 36.3 30.7 46.1

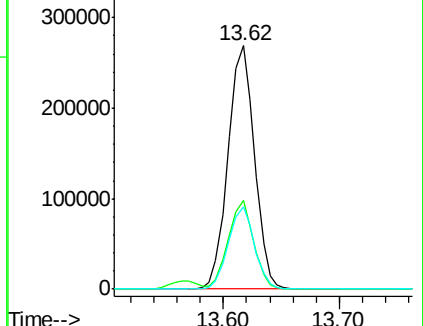
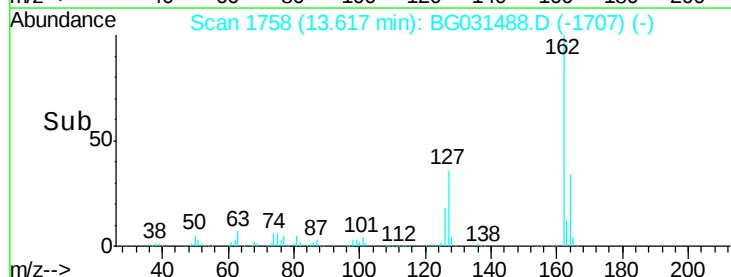
164 33.7 26.0 39.0

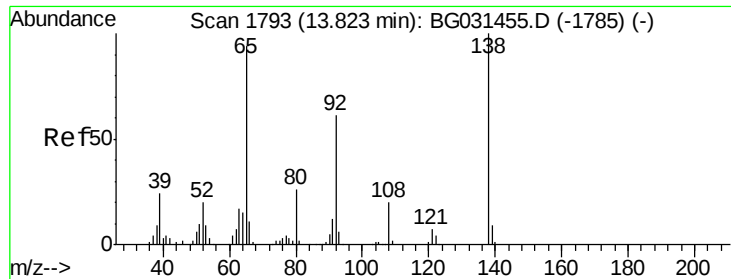


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.965 ng

RT: 13.82 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

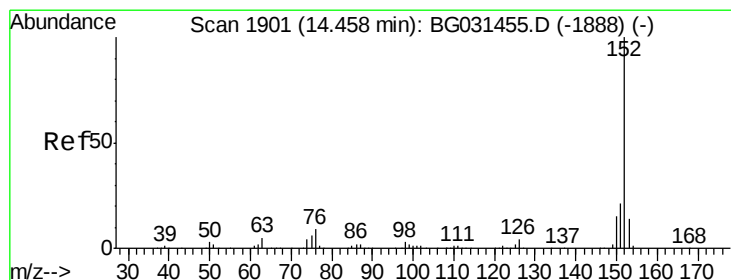
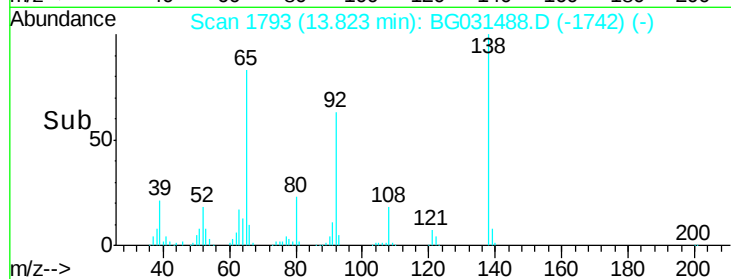
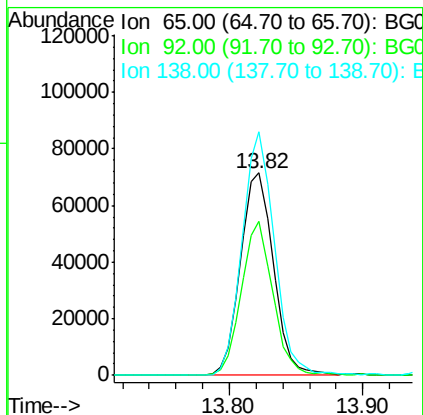
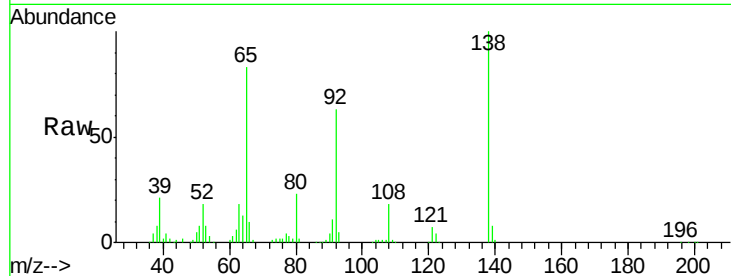
Tot Ion: 65 Resp: 122611

Ion Ratio Lower Upper

65 100

92 76.3 54.6 82.0

138 120.2 72.9 109.3#



#48

Acenaphthylene

Concen: 46.442 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

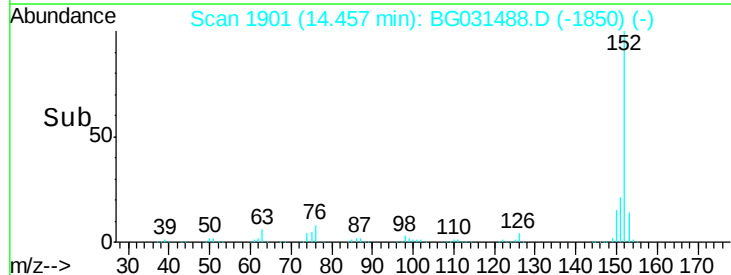
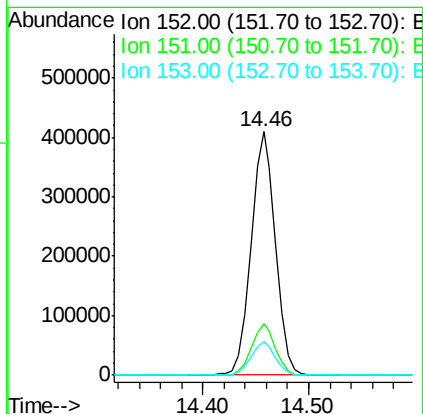
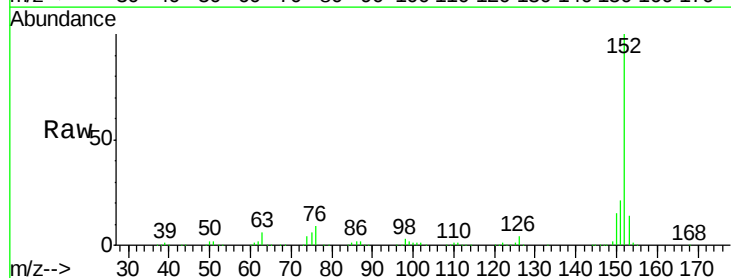
Tgt Ion: 152 Resp: 652597

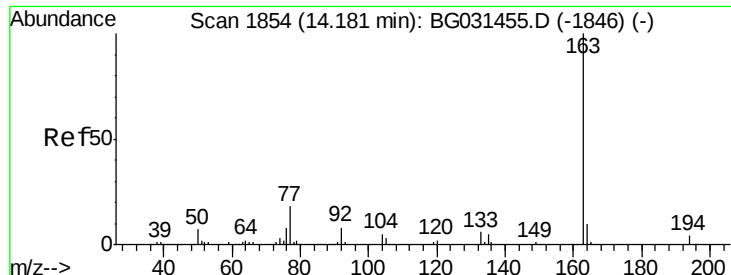
Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 47.760 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

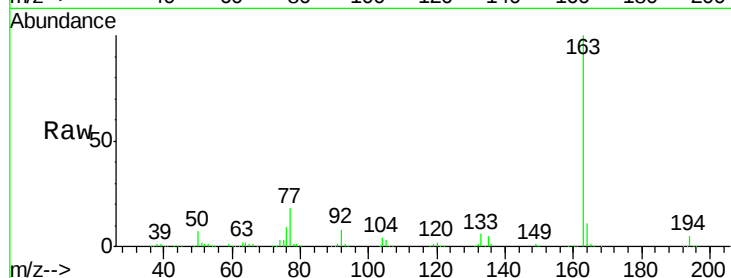
Tot Ion:163 Resp: 574393

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

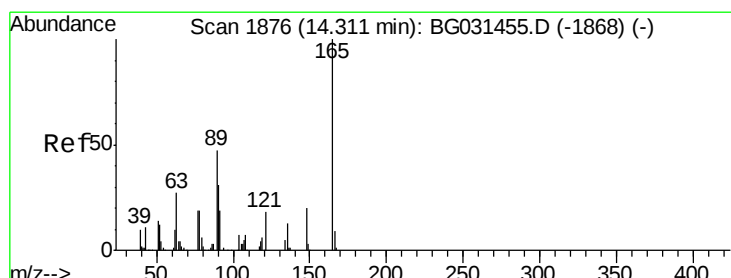
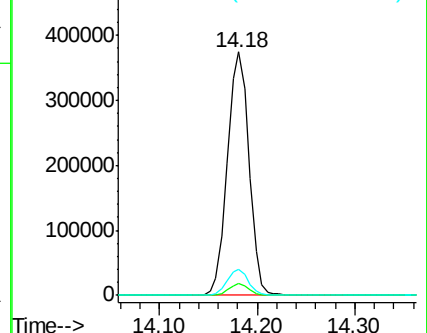
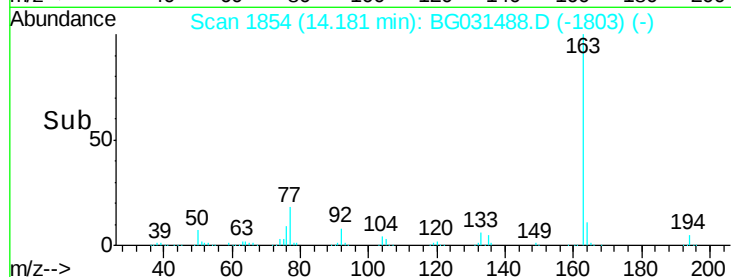
164 10.7 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 50.522 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

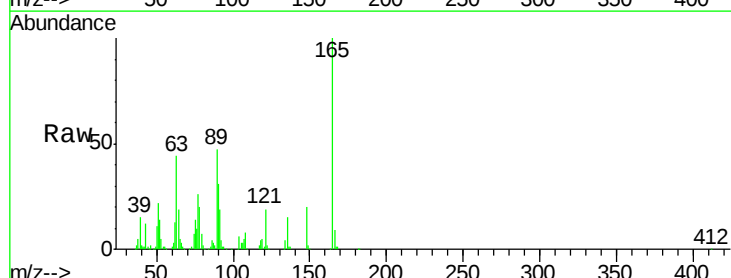
Tgt Ion:165 Resp: 129875

Ion Ratio Lower Upper

165 100

63 44.3 52.7 79.1#

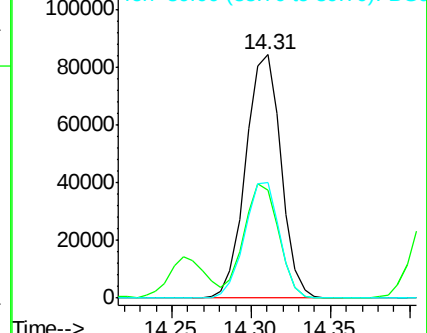
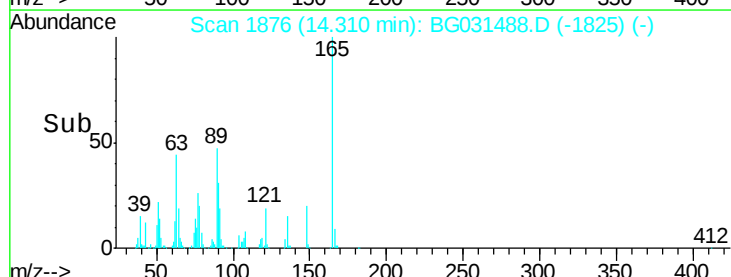
89 47.4 49.2 73.8#

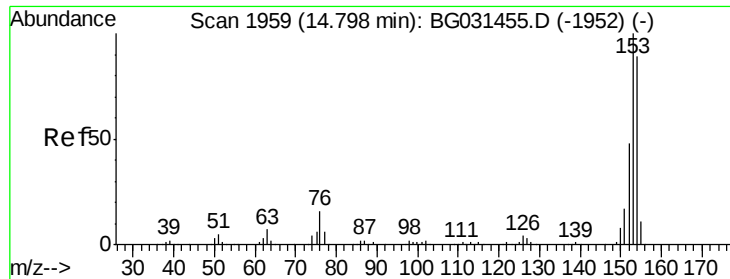


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.635 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

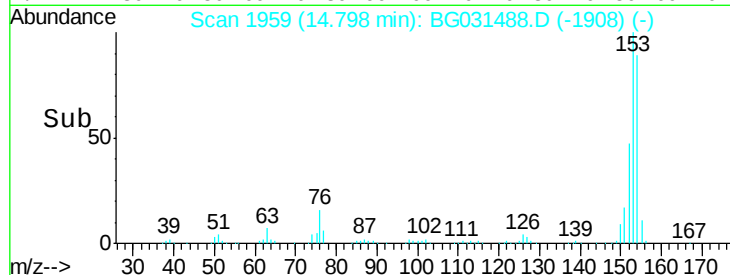
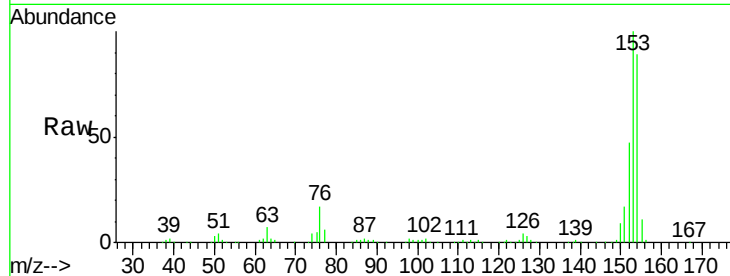
Tot Ion:154 Resp: 405471

Ion Ratio Lower Upper

154 100

153 112.1 90.4 135.6

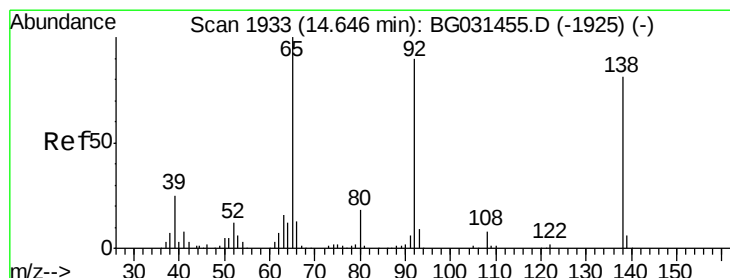
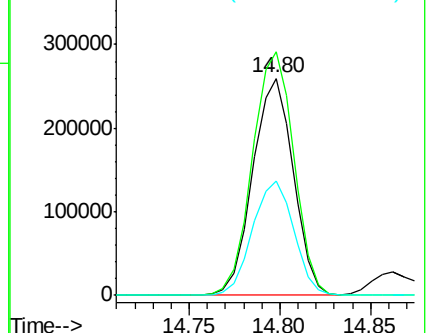
152 52.5 41.6 62.4



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



#52

3-Nitroaniline

Concen: 25.672 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

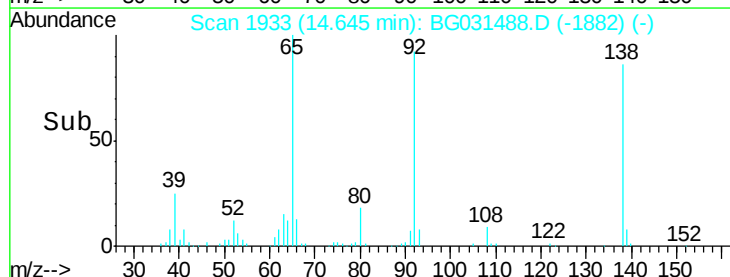
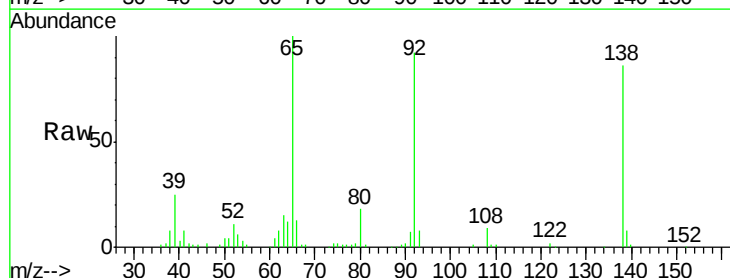
Tgt Ion:138 Resp: 67273

Ion Ratio Lower Upper

138 100

108 10.4 17.5 26.3#

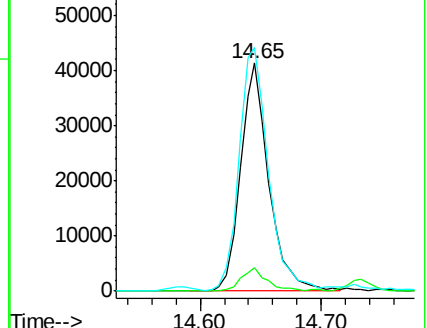
92 106.9 105.8 158.8

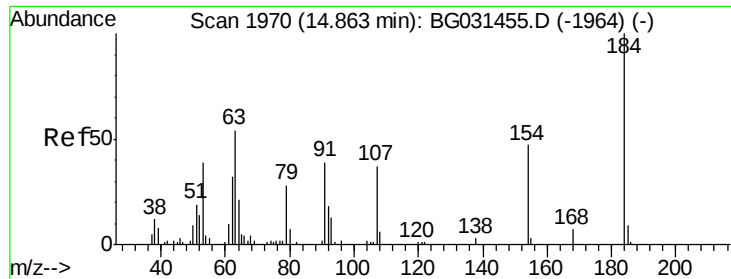


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

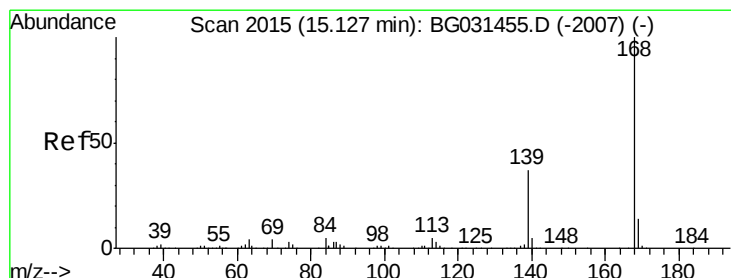
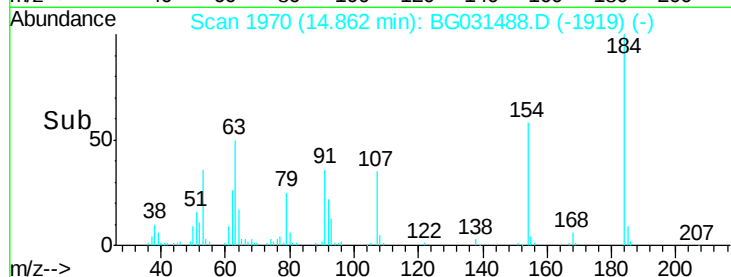
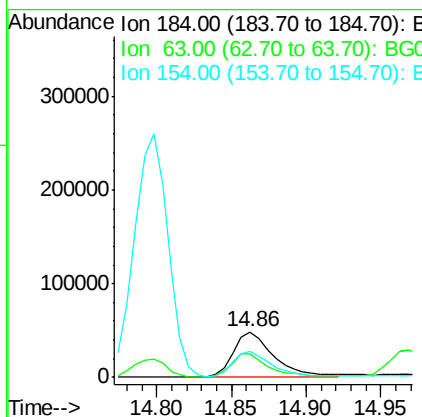
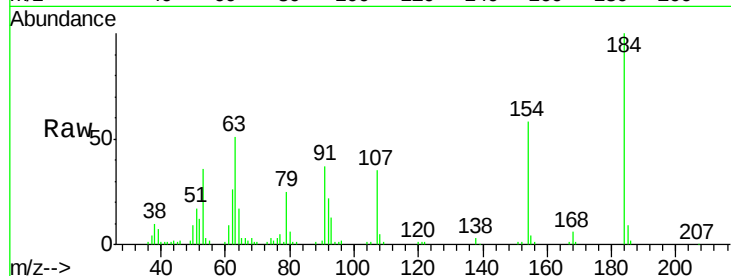




#53
 2,4-Dinitrophenol
 Concen: 85.359 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

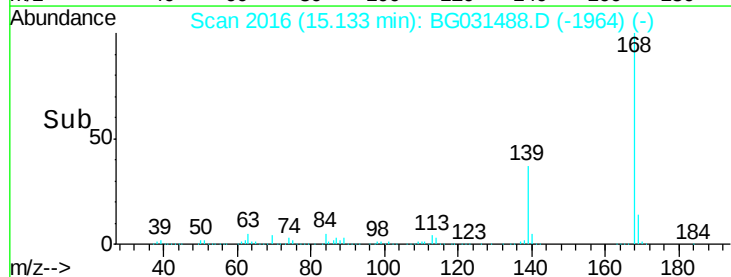
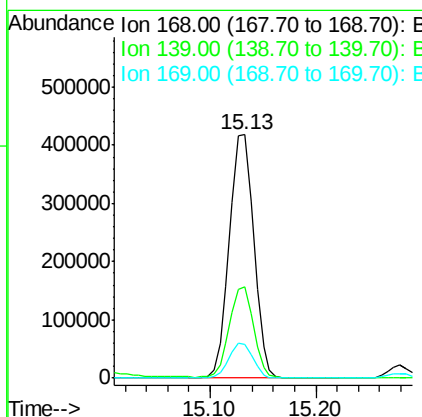
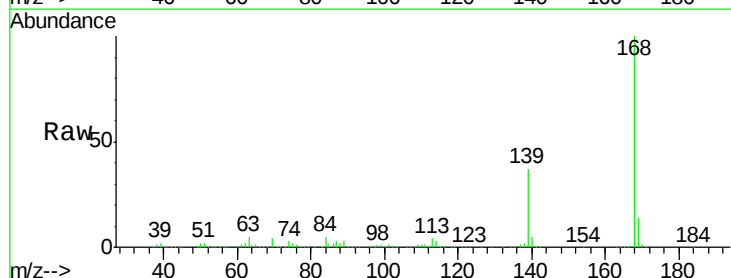
Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

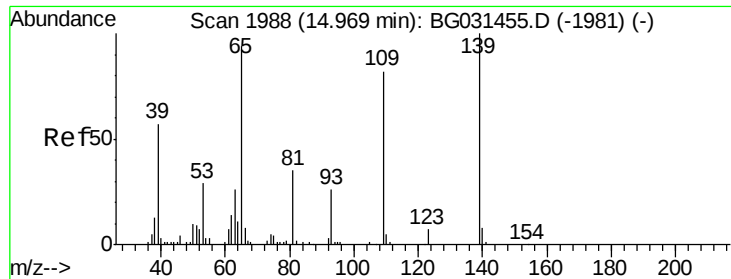
Tot Ion:184 Resp: 92304
 Ion Ratio Lower Upper
 184 100
 63 50.7 59.8 89.8#
 154 58.2 101.8 152.8#



#54
 Dibenzofuran
 Concen: 47.316 ng
 RT: 15.13 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion:168 Resp: 670855
 Ion Ratio Lower Upper
 168 100
 139 37.3 28.6 43.0
 169 13.8 11.2 16.8

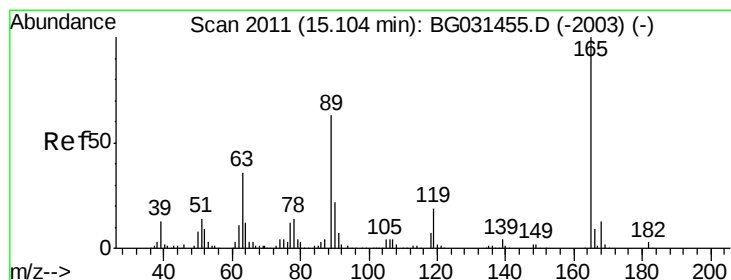
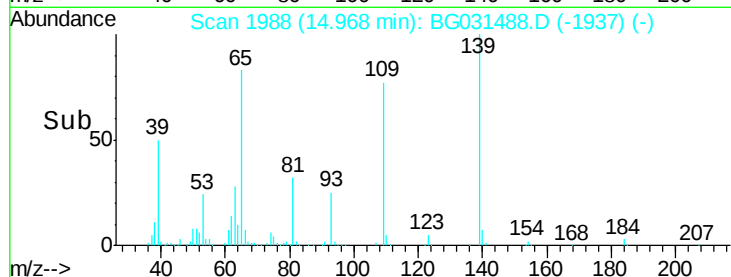
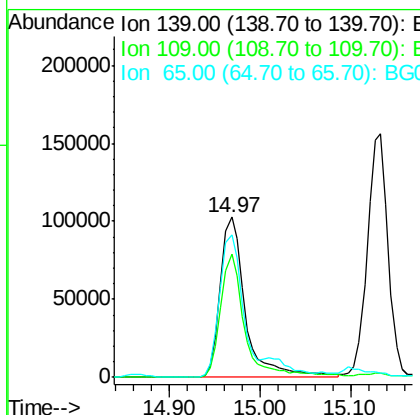
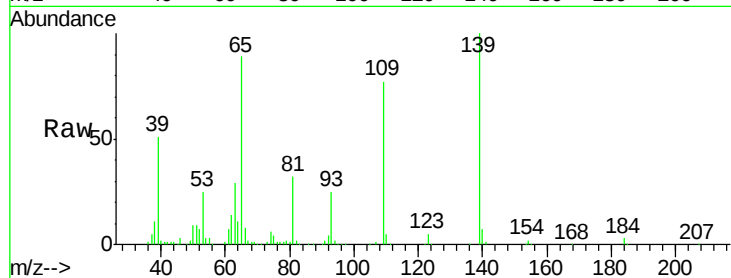




#55
4-Nitrophenol
Concen: 110.832 ng
RT: 14.97 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

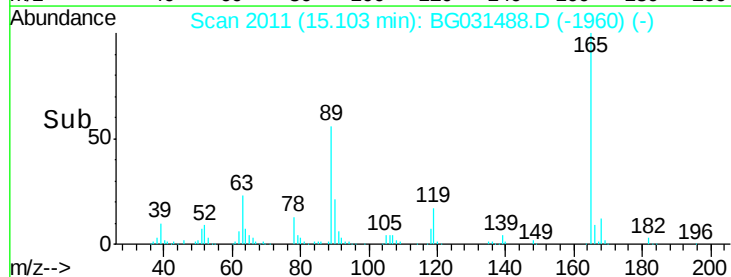
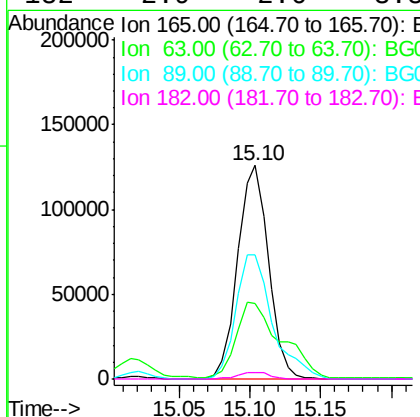
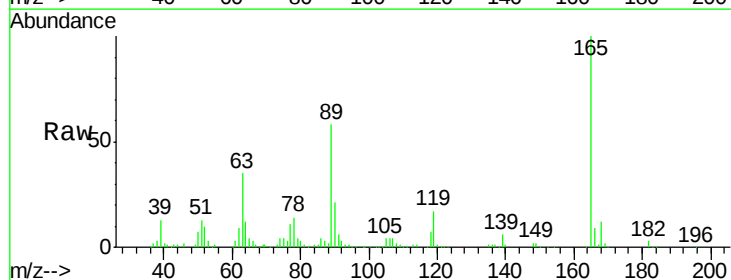
Instrument :
BNA_G
ClientSampleId :
PB104888BSD

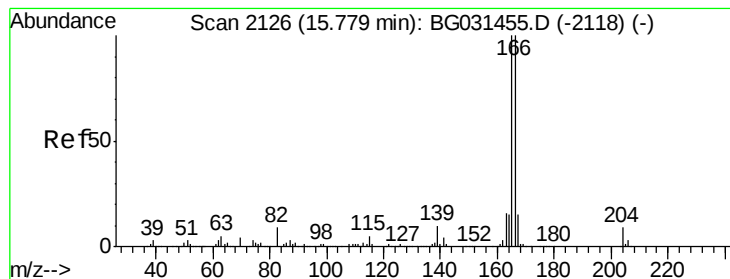
Tot Ion:139 Resp: 198777
Ion Ratio Lower Upper
139 100
109 76.8 62.2 102.2
65 88.9 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 52.607 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Tgt Ion:165 Resp: 192080
Ion Ratio Lower Upper
165 100
63 35.1 42.0 63.0#
89 57.9 66.9 100.3#
182 2.9 2.6 3.8





#57

Fluorene

Concen: 47.993 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

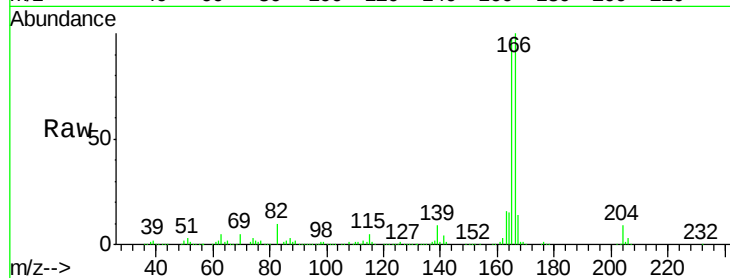
Tot Ion:166 Resp: 545230

Ion Ratio Lower Upper

166 100

165 96.5 80.6 121.0

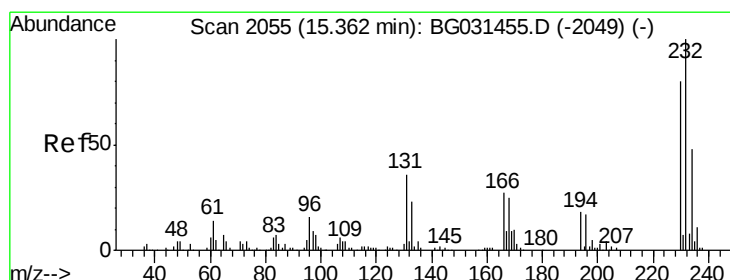
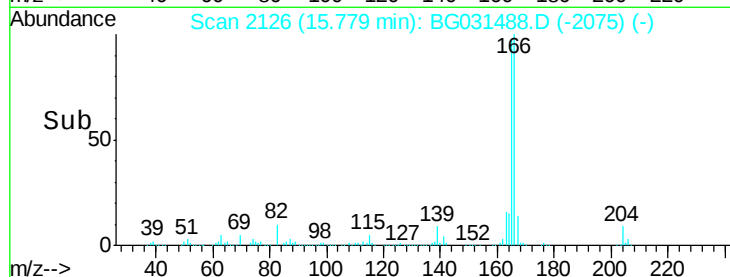
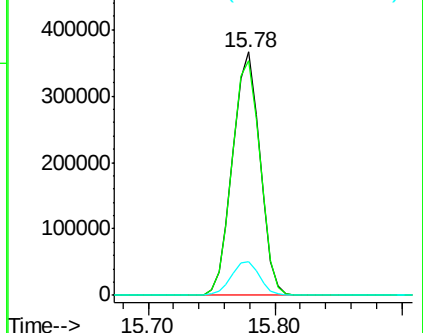
167 13.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.711 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Tgt Ion:232 Resp: 175371

Ion Ratio Lower Upper

232 100

131 34.9 33.5 50.3

130 2.0 2.2 3.2#

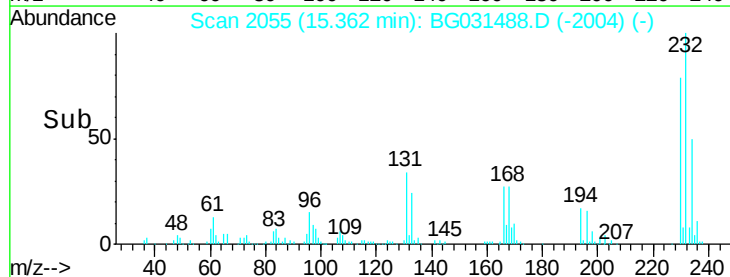
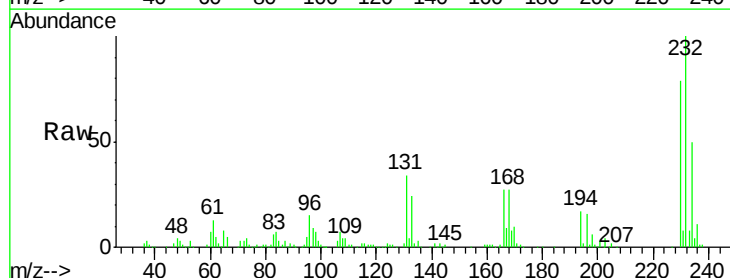
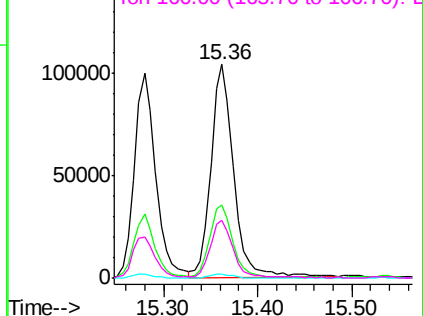
166 27.9 24.8 37.2

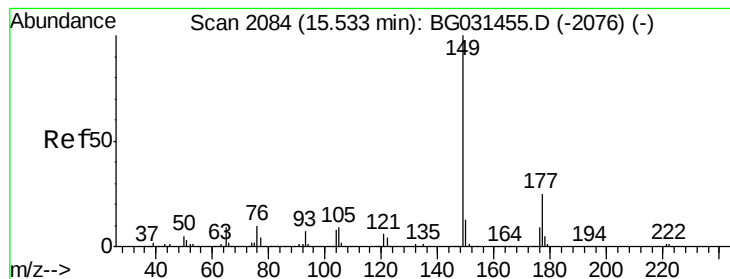
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 48.839 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

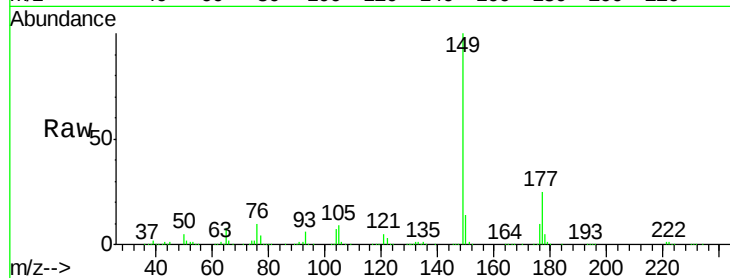
Tot Ion:149 Resp: 588763

Ion Ratio Lower Upper

149 100

177 24.6 18.5 27.7

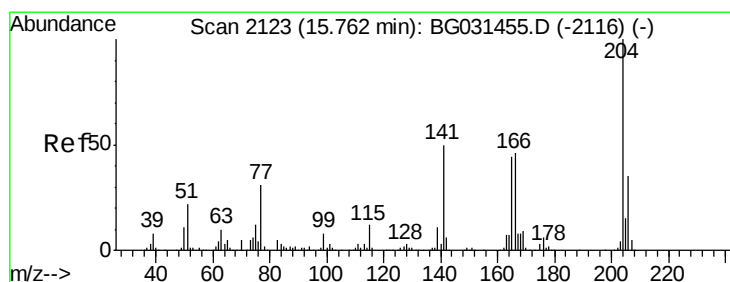
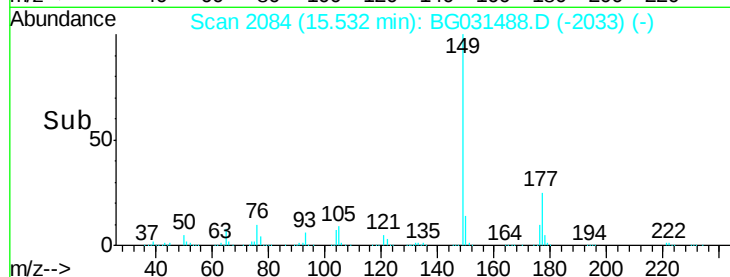
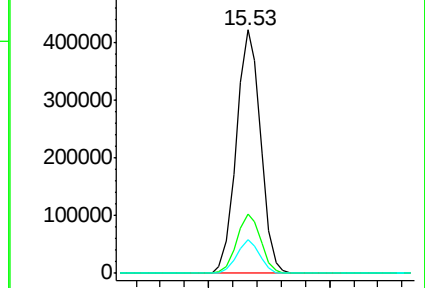
150 13.6 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 45.947 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

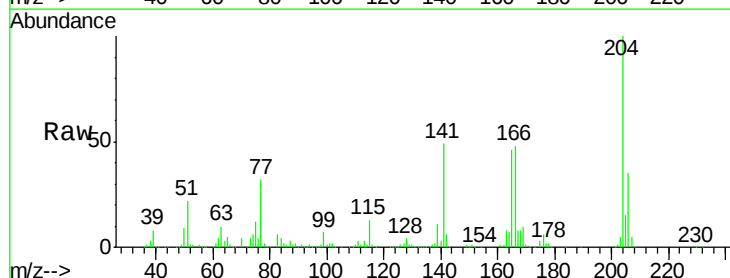
Tgt Ion:204 Resp: 319357

Ion Ratio Lower Upper

204 100

206 35.0 26.2 39.2

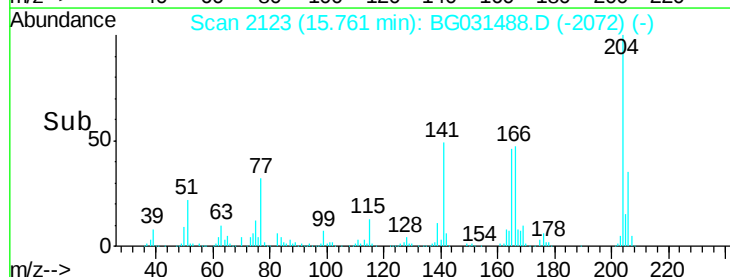
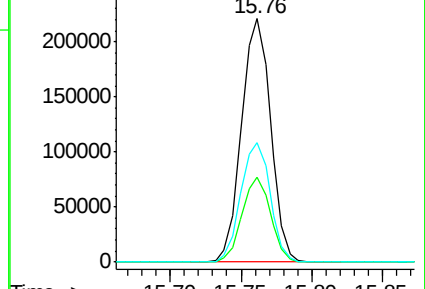
141 49.3 45.8 68.6

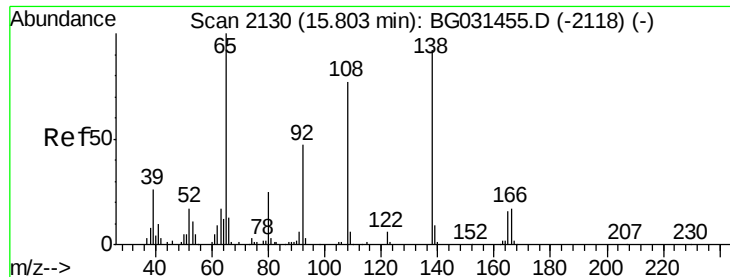


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 53.422 ng

RT: 15.81 min Scan# 2131

Delta R.T. 0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

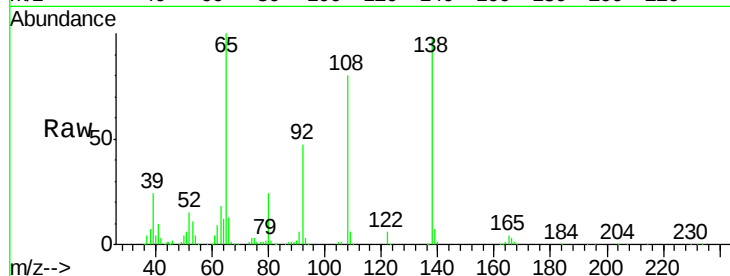
Tot Ion:138 Resp: 146909

Ion Ratio Lower Upper

138 100

92 47.7 40.1 80.1

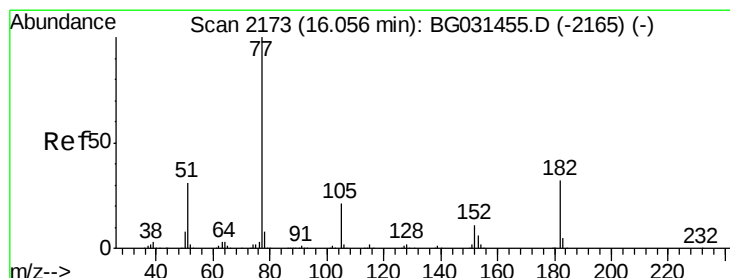
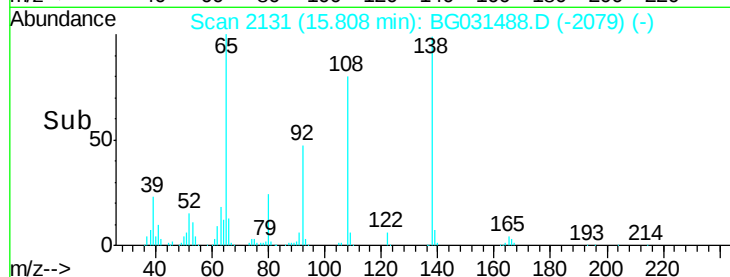
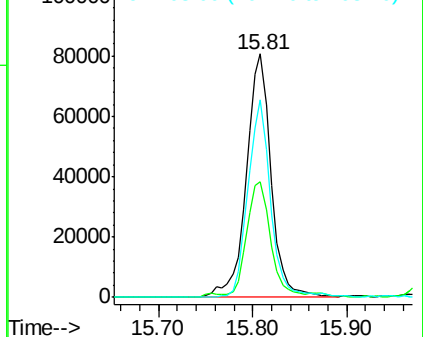
108 81.1 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.545 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Tgt Ion: 77 Resp: 484782

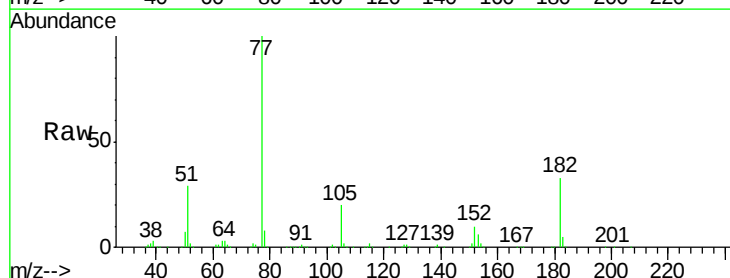
Ion Ratio Lower Upper

77 100

182 32.5 7.4 47.4

105 20.5 0.3 40.3

51 29.0 11.6 51.6

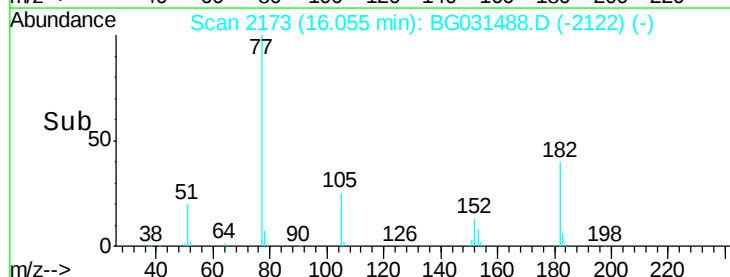
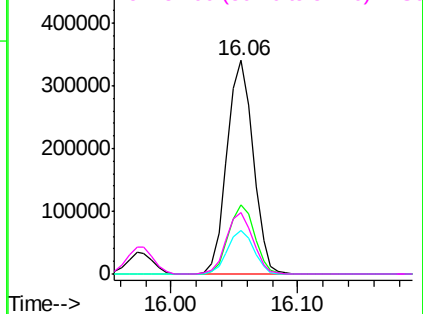


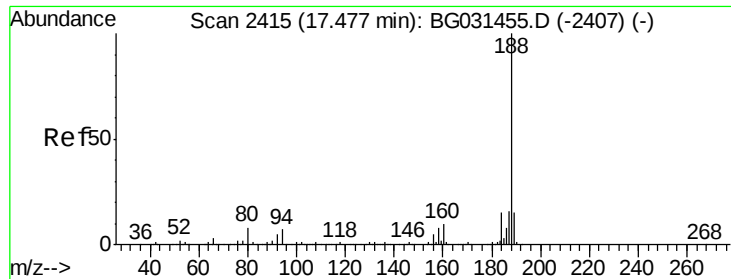
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

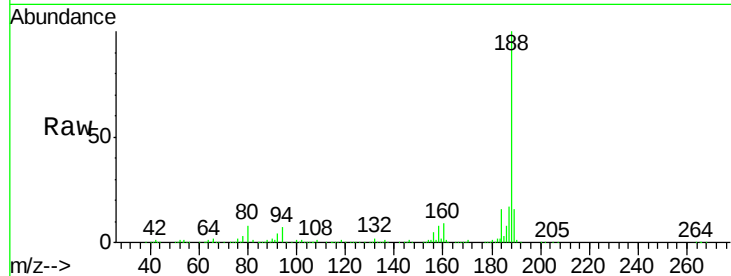
Tot Ion:188 Resp: 401680

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

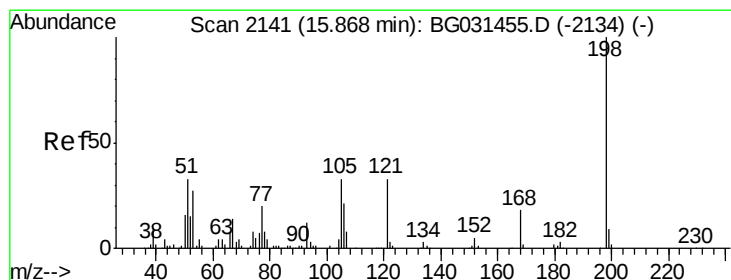
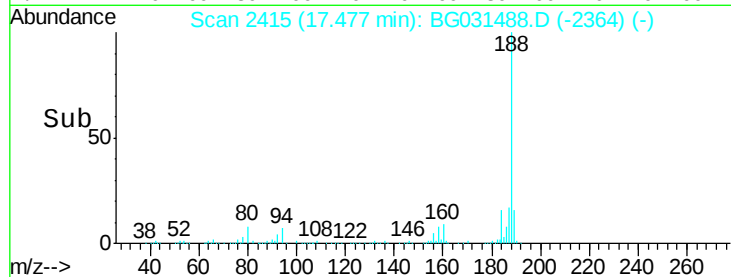
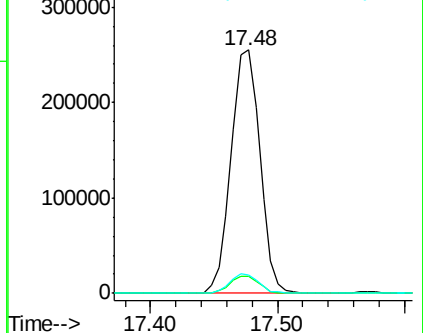
80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.393 ng

RT: 15.87 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

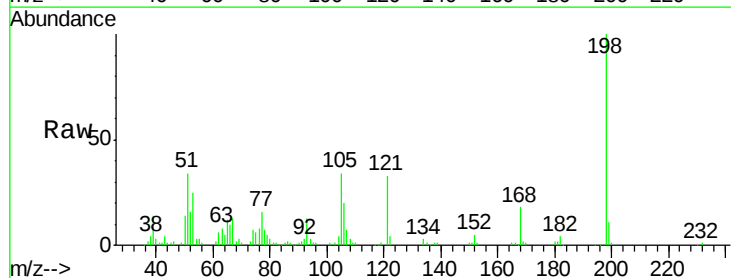
Tgt Ion:198 Resp: 90683

Ion Ratio Lower Upper

198 100

51 34.4 30.6 70.6

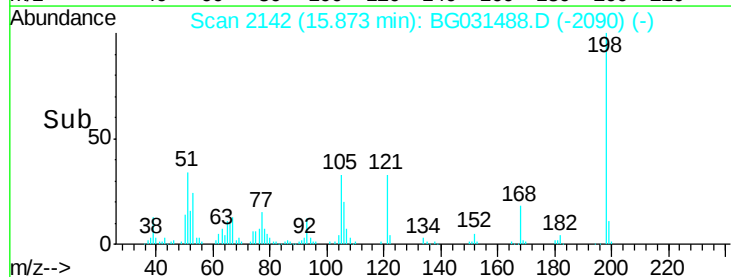
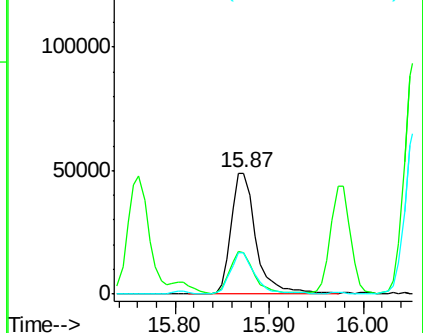
105 34.1 23.8 63.8

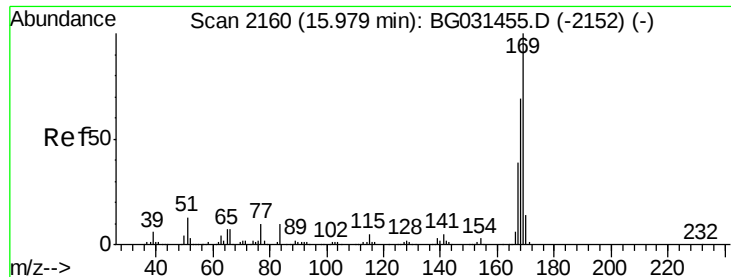


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

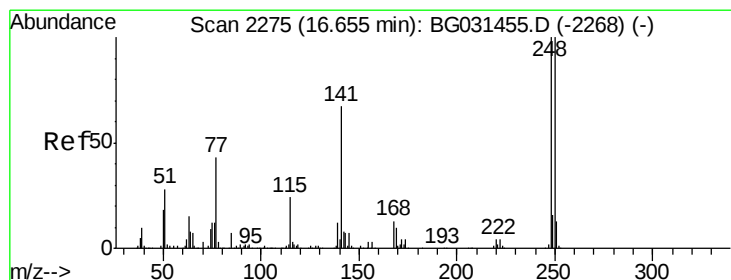
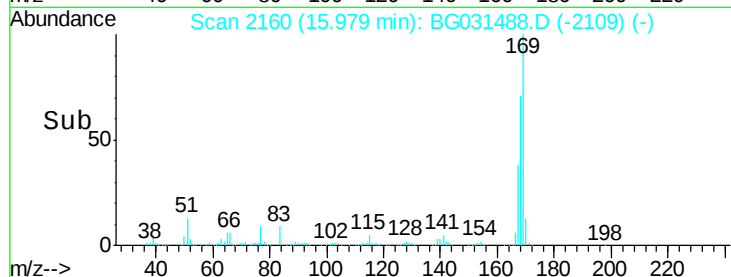
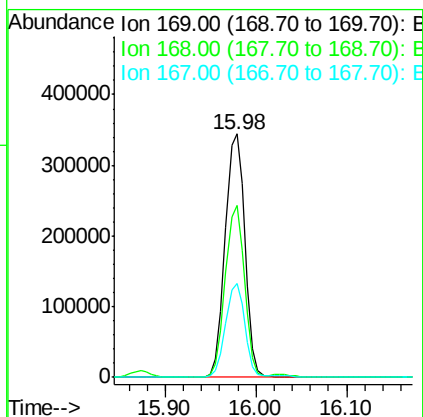
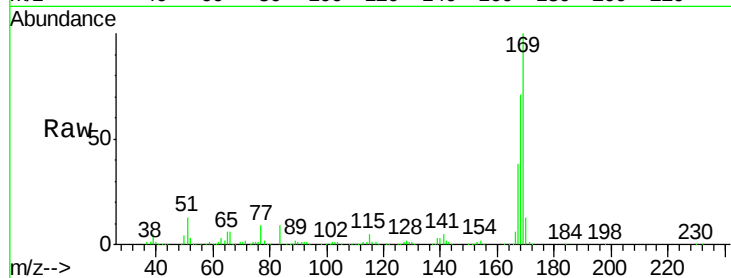




#65
 n-Nitrosodiphenylamine
 Concen: 44.126 ng
 RT: 15.98 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

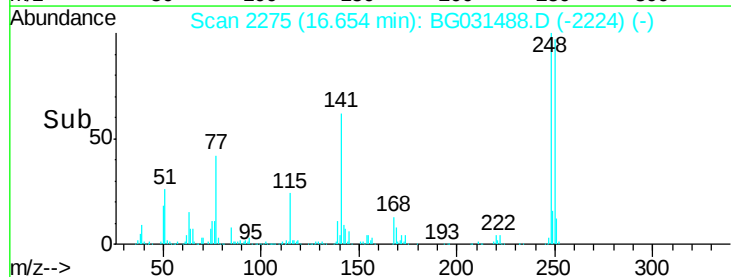
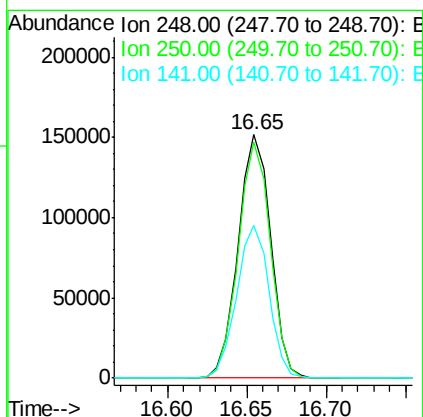
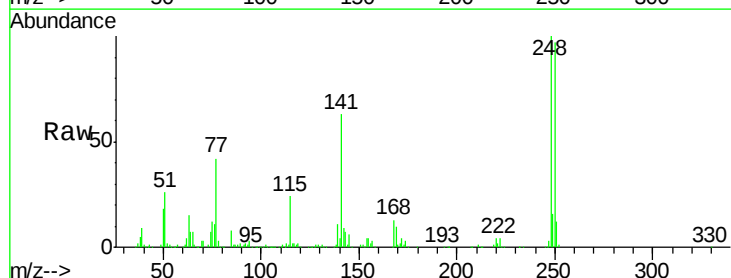
Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

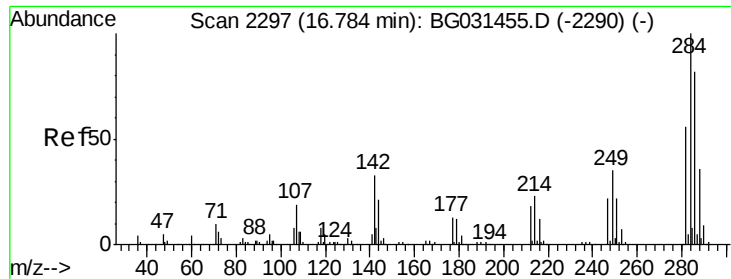
Tot Ion:169 Resp: 518804
 Ion Ratio Lower Upper
 169 100
 168 70.5 55.7 83.5
 167 38.5 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 46.312 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion:248 Resp: 216315
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.1 115.7
 141 62.6 50.8 76.2

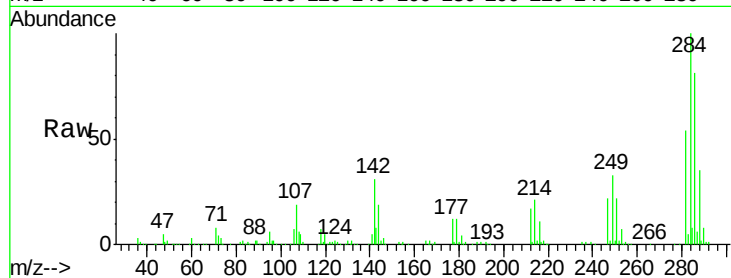




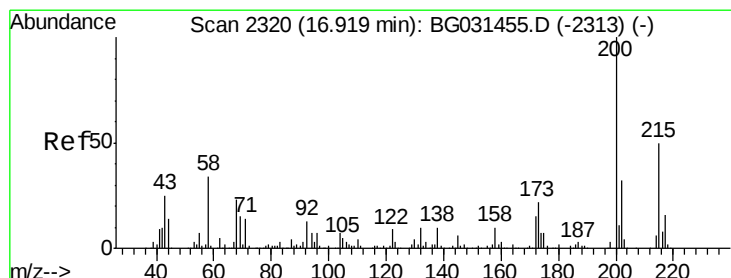
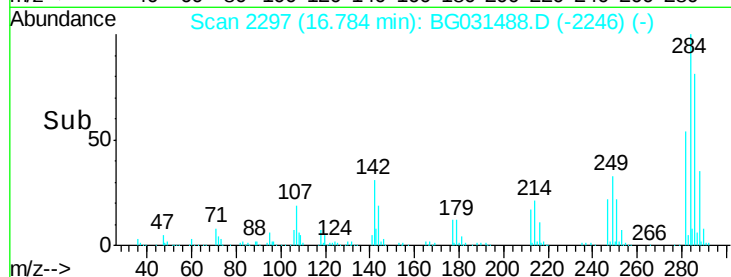
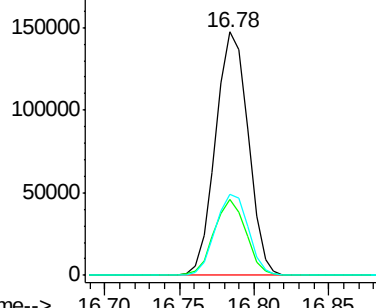
#67
Hexachlorobenzene
Concen: 46.154 ng
RT: 16.78 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Instrument :
BNA_G
ClientSampleId :
PB104888BSD

Tot Ion:284 Resp: 222610
Ion Ratio Lower Upper
284 100
142 31.3 26.8 40.2
249 33.5 26.3 39.5

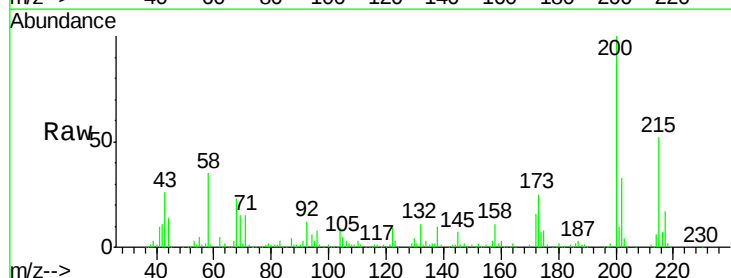


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

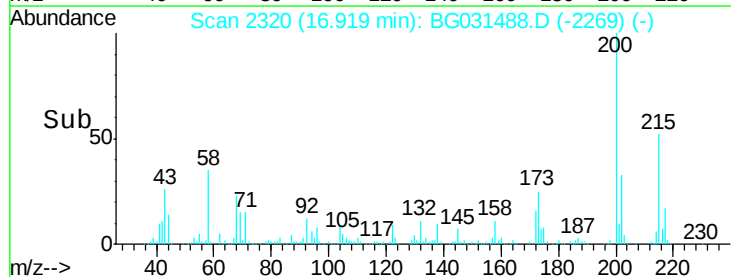
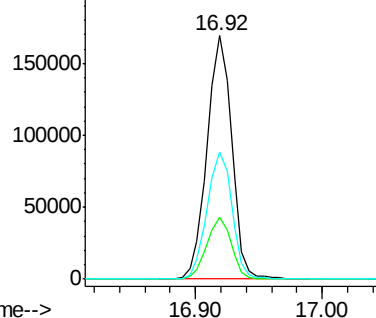


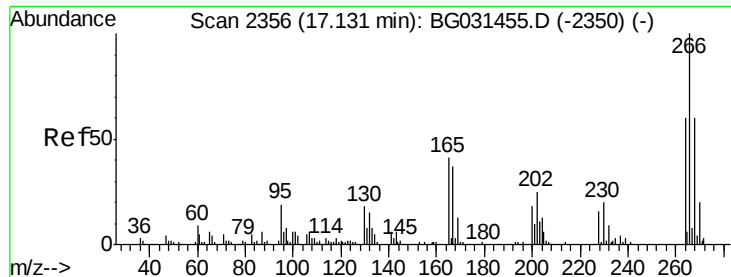
#68
Atrazine
Concen: 52.998 ng
RT: 16.92 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Tgt Ion:200 Resp: 227837
Ion Ratio Lower Upper
200 100
173 25.2 5.2 45.2
215 52.1 30.4 70.4



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





#69

Pentachlorophenol

Concen: 80.056 ng

RT: 17.13 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

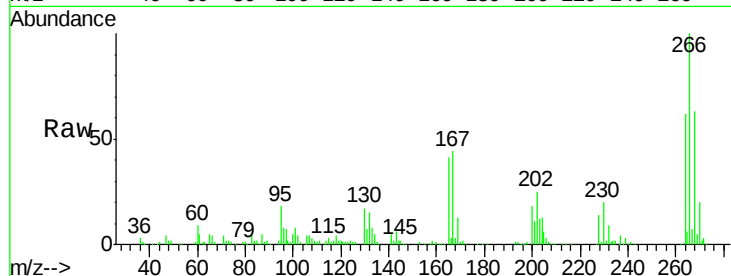
Tot Ion:266 Resp: 185616

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

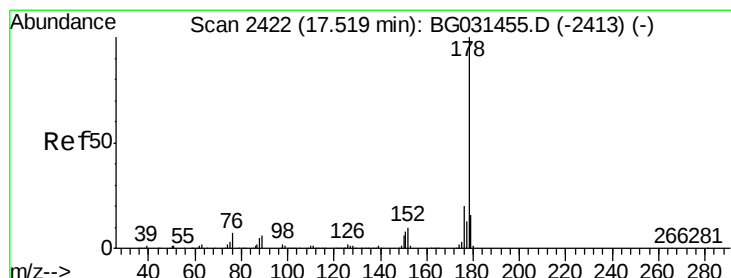
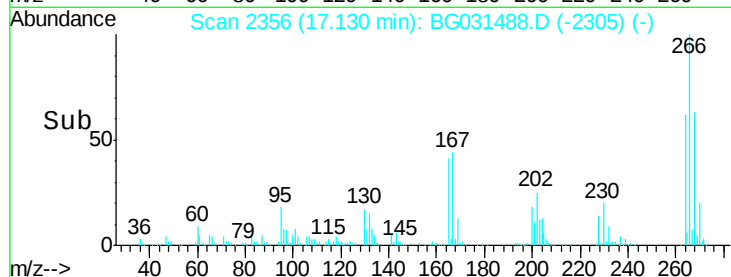
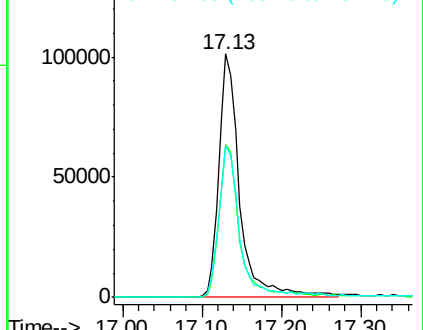
264 62.1 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 47.156 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

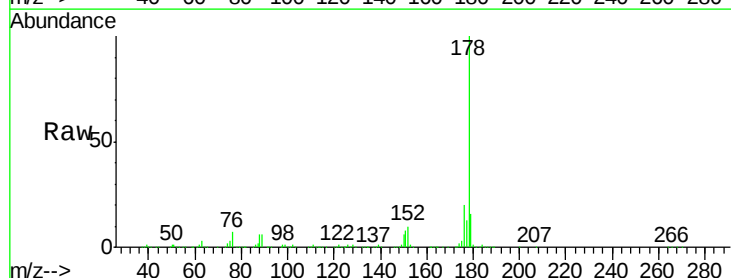
Tgt Ion:178 Resp: 989245

Ion Ratio Lower Upper

178 100

176 20.5 15.7 23.5

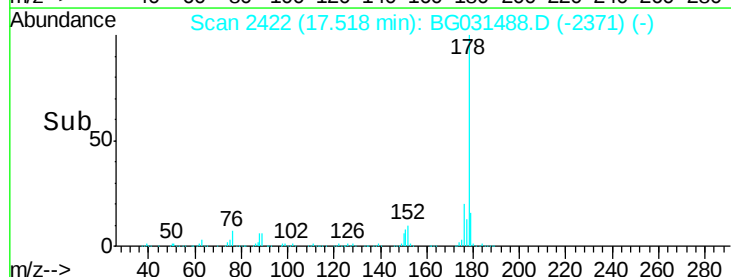
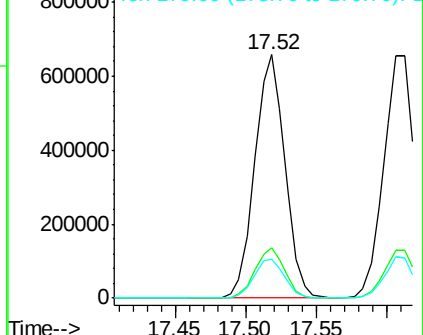
179 15.8 12.5 18.7

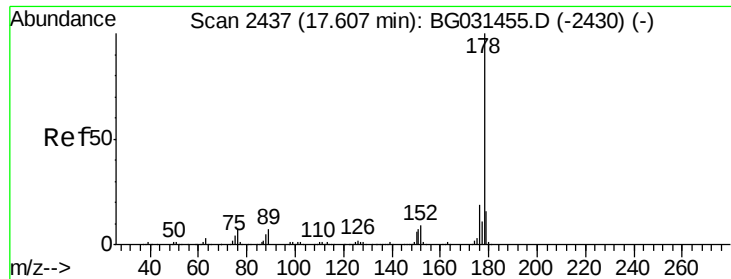


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

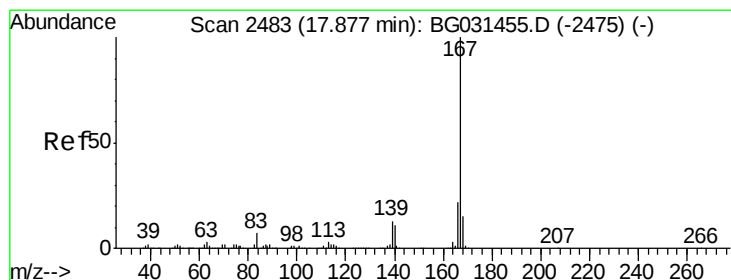
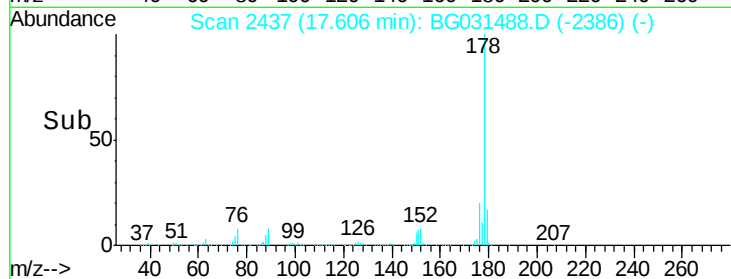
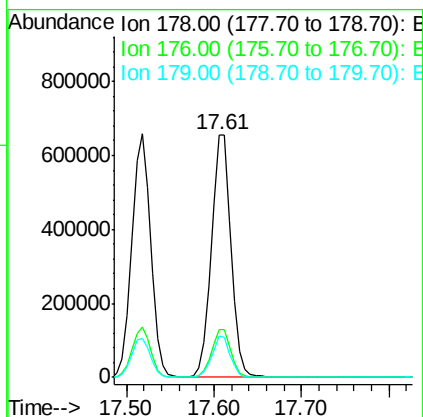
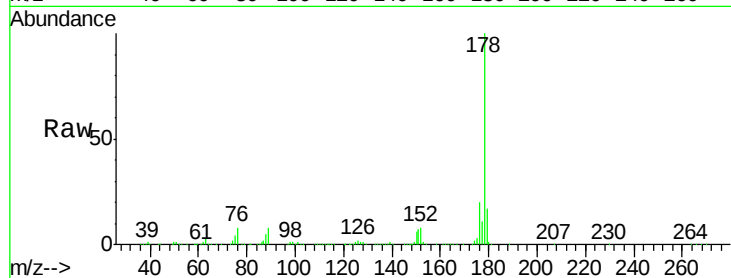




#71
 Anthracene
 Concen: 49.252 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

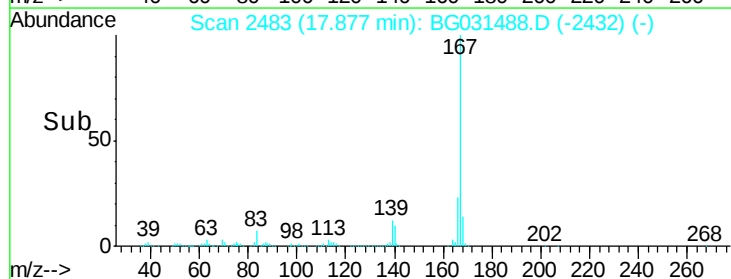
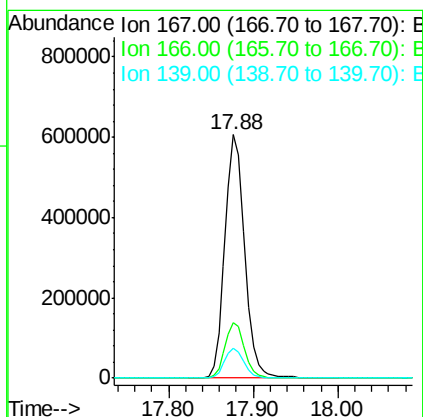
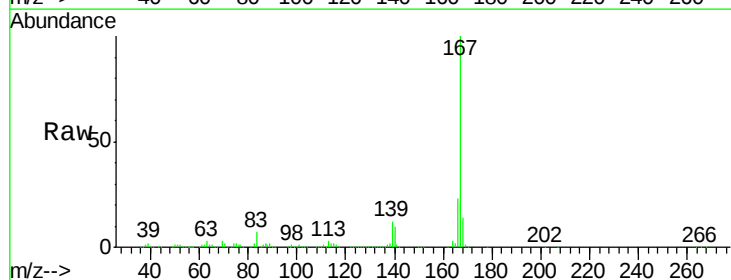
Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

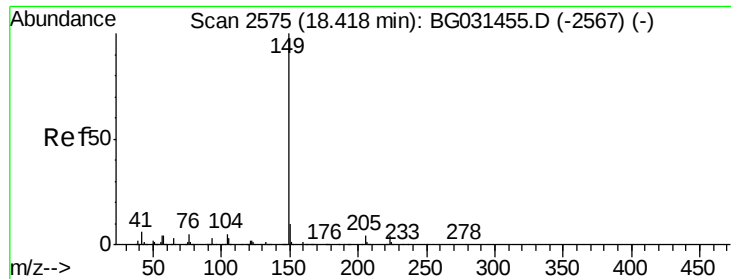
Tot Ion:178 Resp: 1021866
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 52.007 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion:167 Resp: 976473
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 12.4 9.4 14.2





#73

Di-n-butylphthalate

Concen: 52.704 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

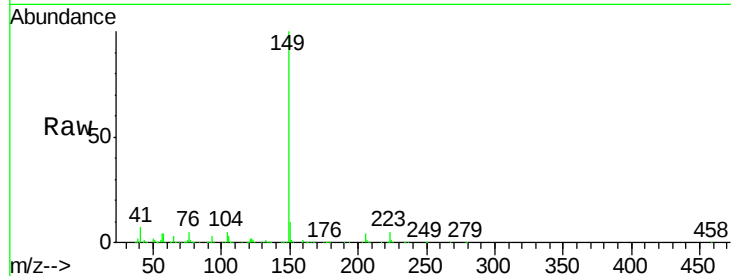
Tot Ion:149 Resp: 1142741

Ion Ratio Lower Upper

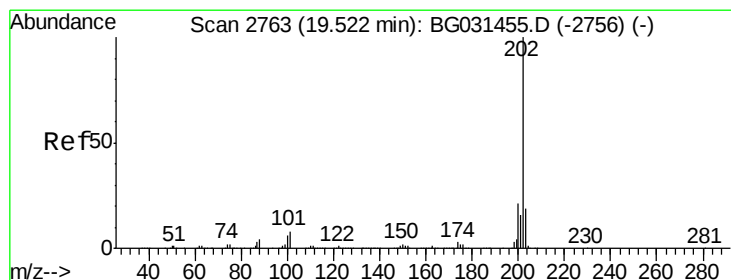
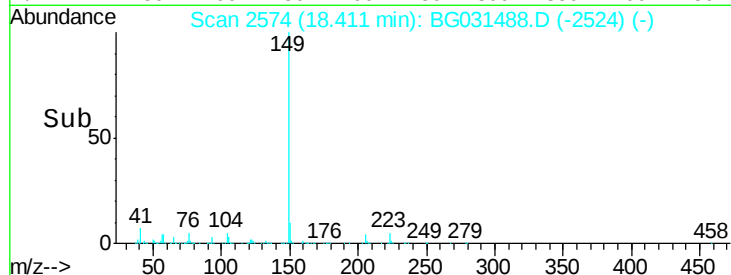
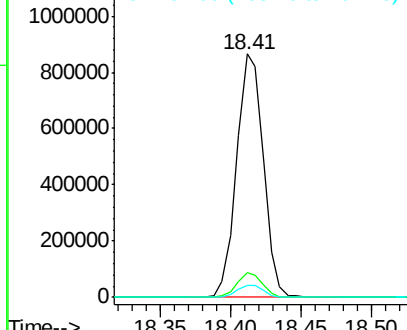
149 100

150 10.1 7.8 11.6

104 5.0 3.9 5.9



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



#74

Fluoranthene

Concen: 52.042 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

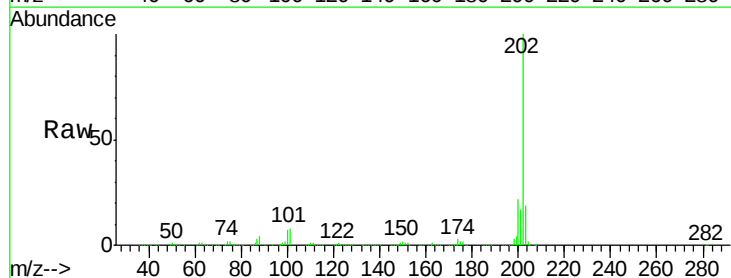
Tgt Ion:202 Resp: 1366279

Ion Ratio Lower Upper

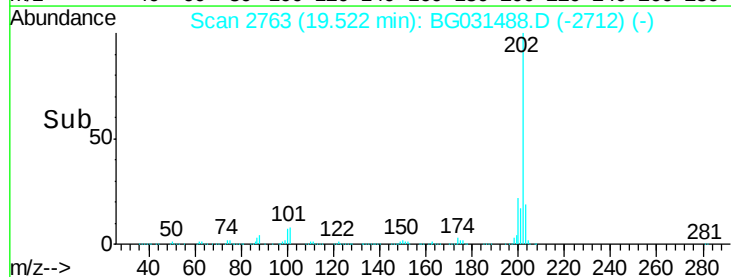
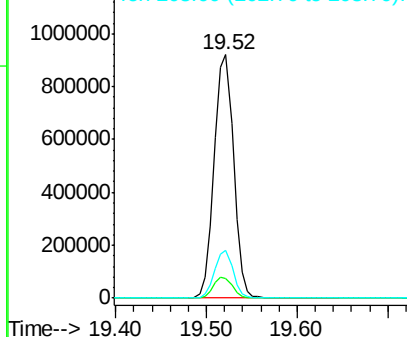
202 100

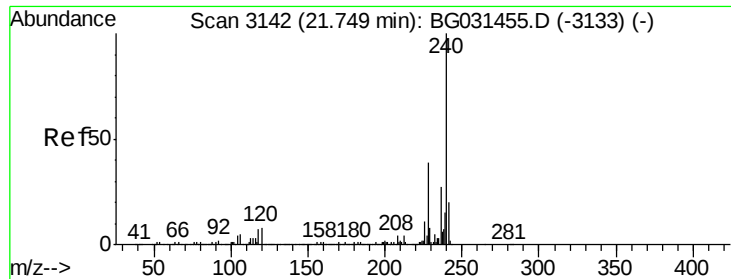
101 8.0 0.0 28.9

203 19.4 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

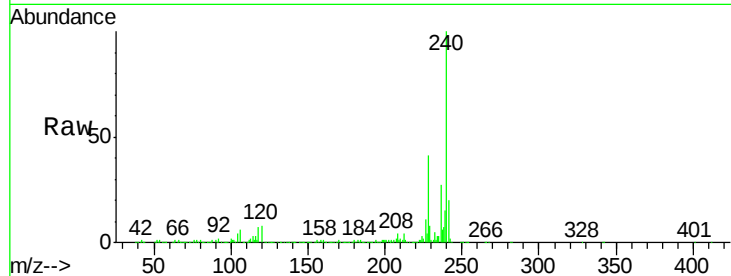
Tot Ion:240 Resp: 482253

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

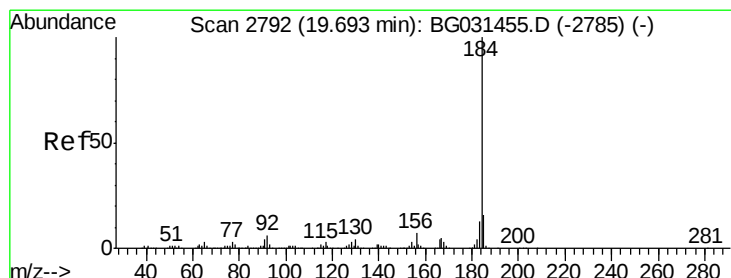
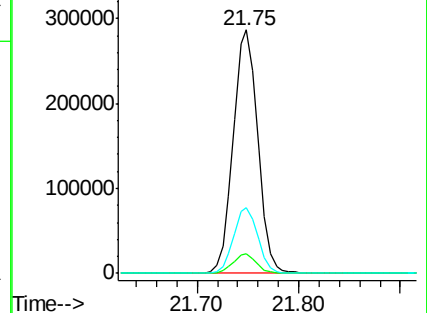
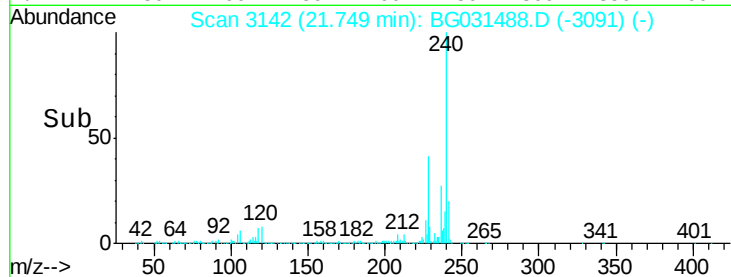
236 26.8 20.9 31.3



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



#76

Benzidine

Concen: 47.054 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

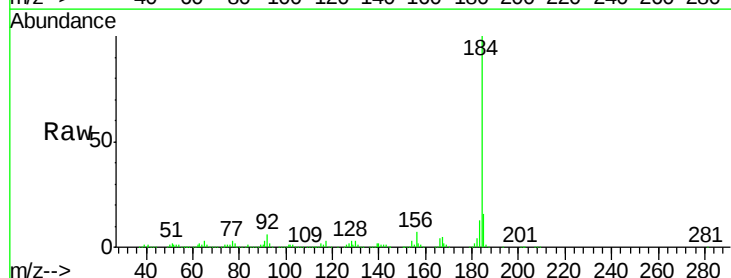
Tgt Ion:184 Resp: 528082

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

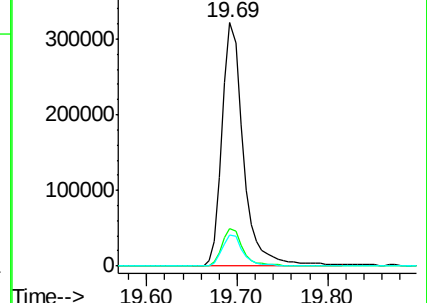
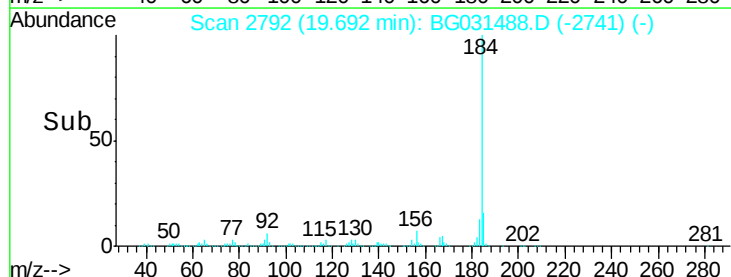
183 12.9 10.6 16.0

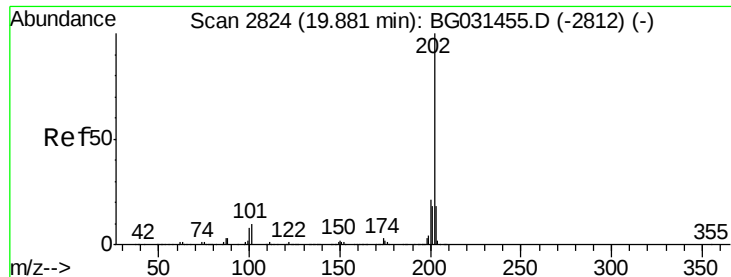


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.693 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

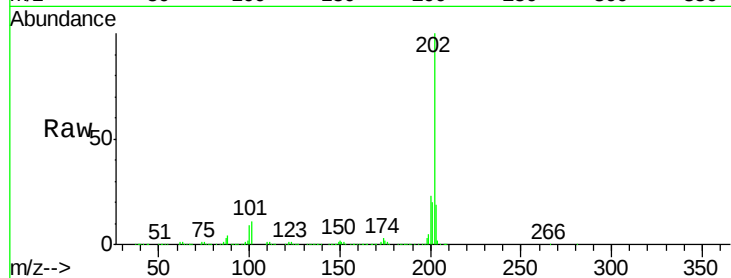
Tot Ion:202 Resp: 1399158

Ion Ratio Lower Upper

202 100

200 22.8 16.9 25.3

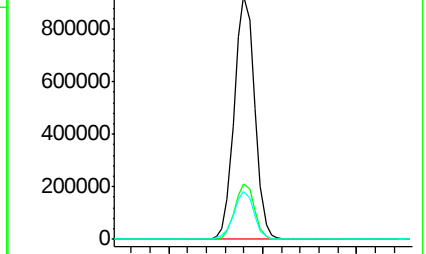
203 19.5 13.9 20.9



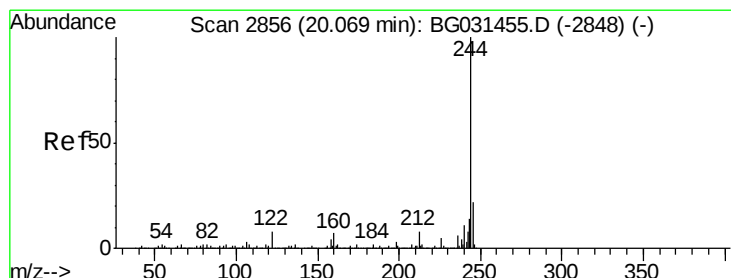
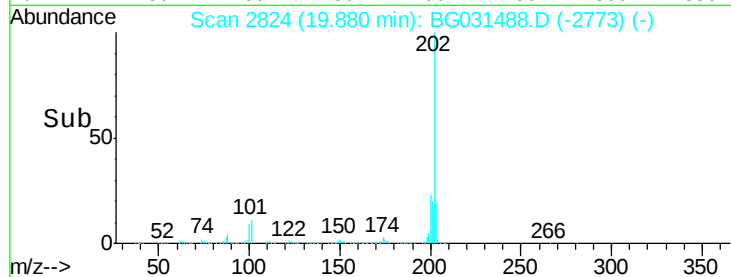
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 87.049 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

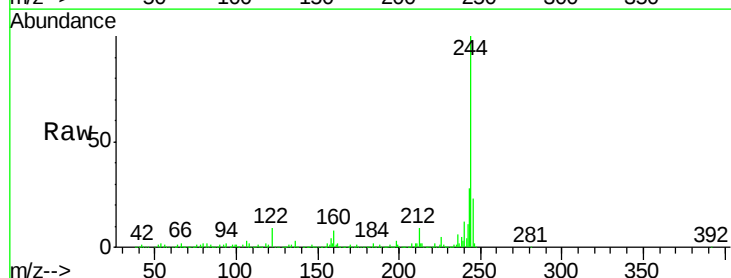
Tgt Ion:244 Resp: 1845119

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

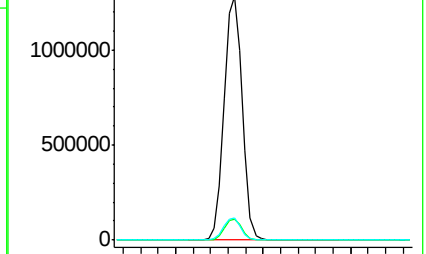
122 8.9 7.0 10.4



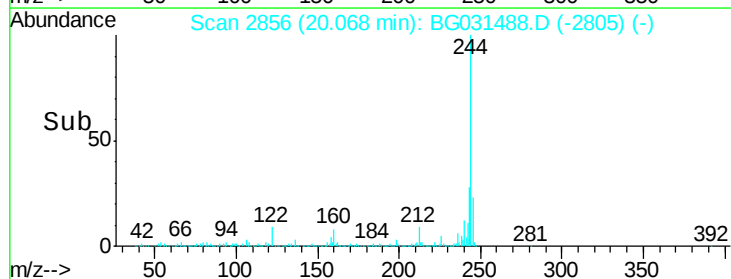
Abundance Ion 244.00 (243.70 to 244.70): E

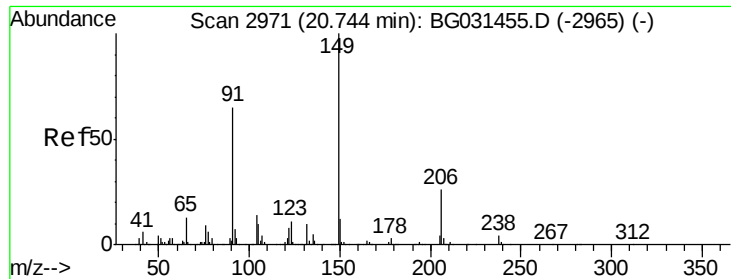
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

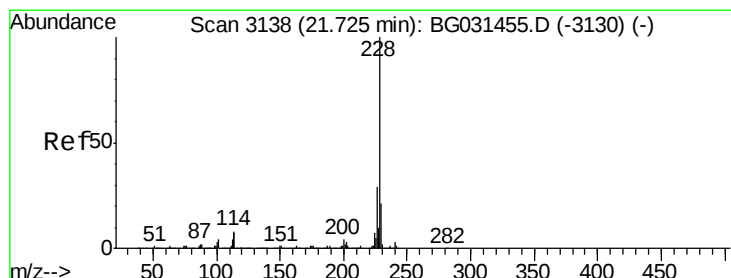
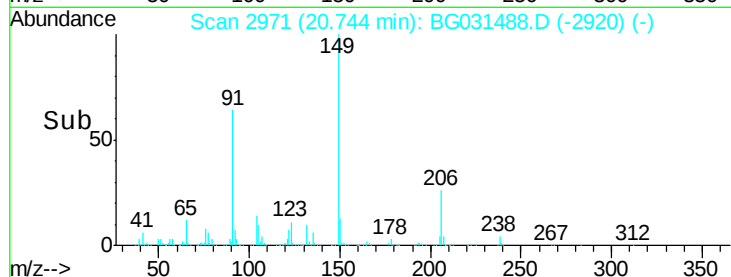
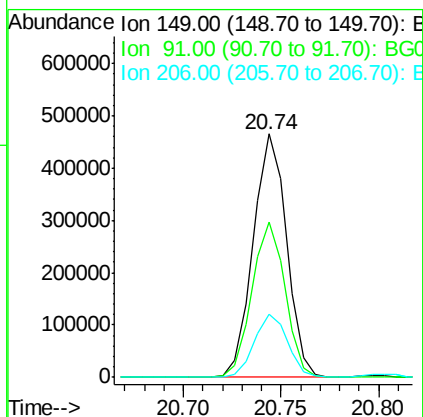
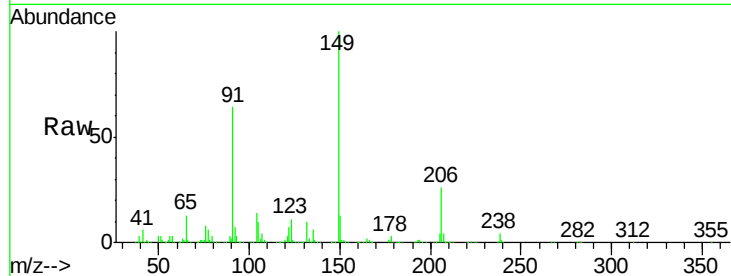




#79
Butylbenzylphthalate
Concen: 52.594 ng
RT: 20.74 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

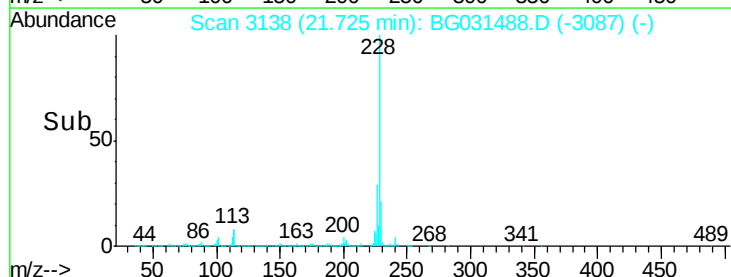
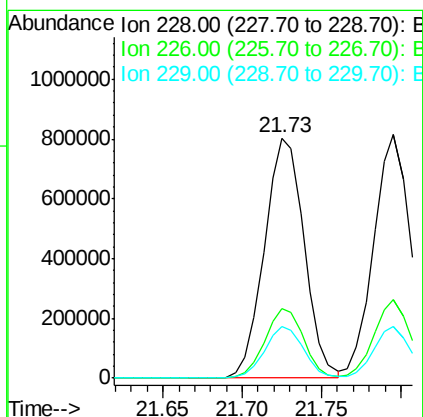
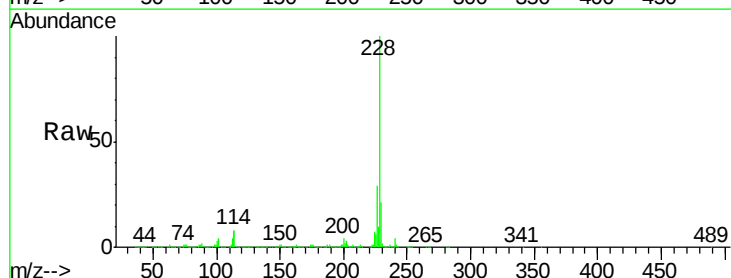
Instrument :
BNA_G
ClientSampleId :
PB104888BSD

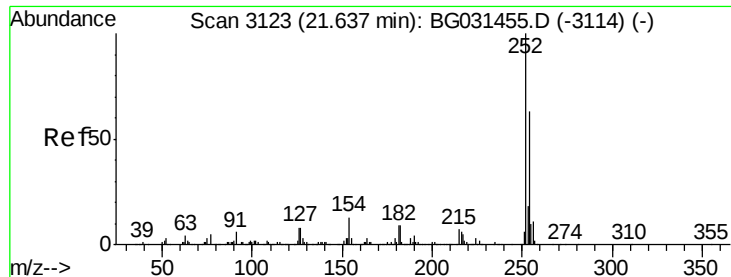
Tot Ion:149 Resp: 552881
Ion Ratio Lower Upper
149 100
91 63.9 62.2 93.2
206 26.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 48.150 ng
RT: 21.73 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG031488.D
Acq: 12 Dec 2017 12:37

Tgt Ion:228 Resp: 1401561
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 21.4 16.2 24.2

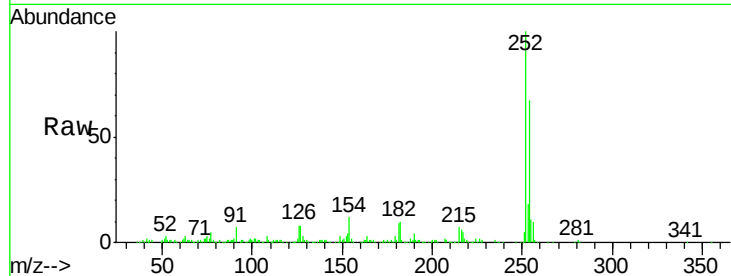




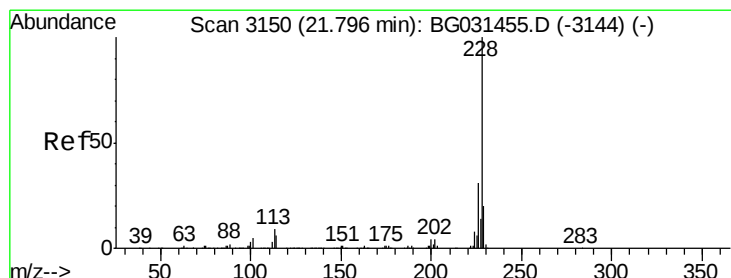
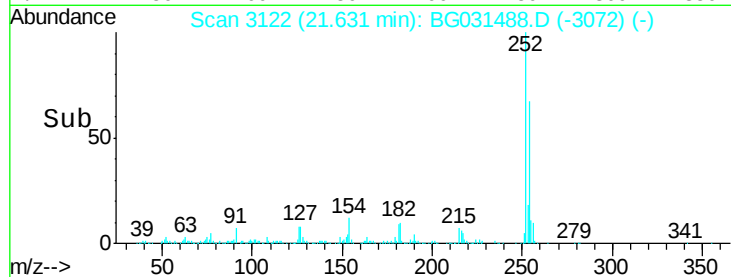
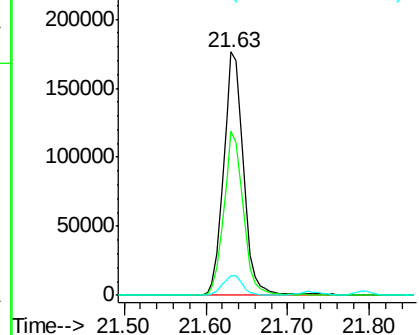
#81
 3,3'-Dichlorobenzidine
 Concen: 29.508 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

Tot Ion:252 Resp: 298934
 Ion Ratio Lower Upper
 252 100
 254 67.2 50.8 76.2
 126 8.0 7.4 11.2

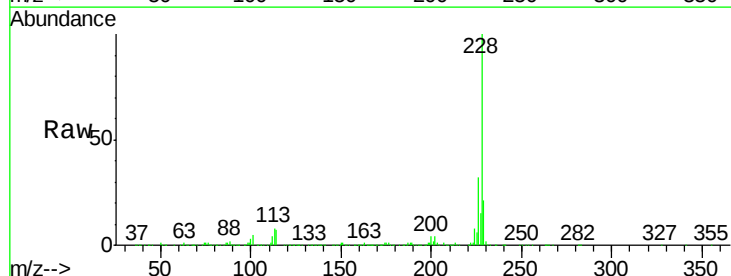


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

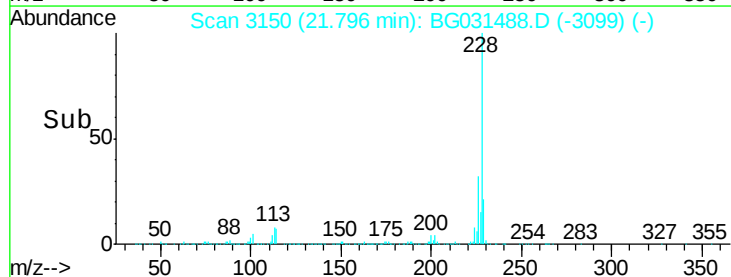
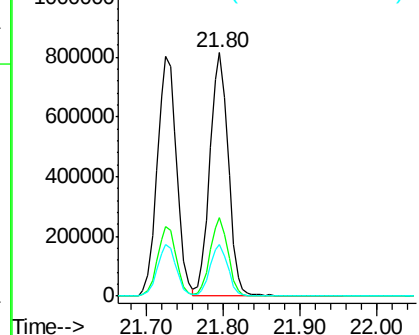


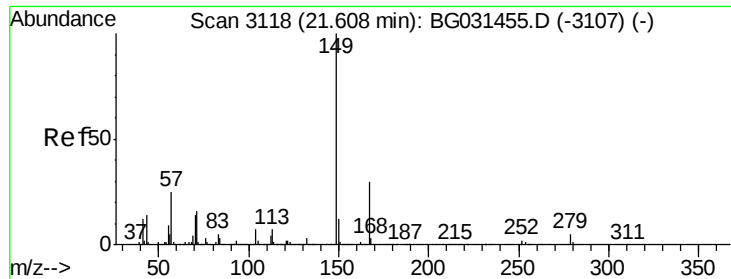
#82
 Chrysene
 Concen: 47.966 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion:228 Resp: 1338487
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.9 37.3
 229 21.5 15.0 22.4



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

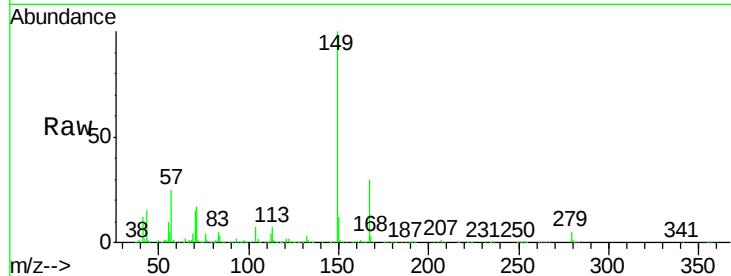




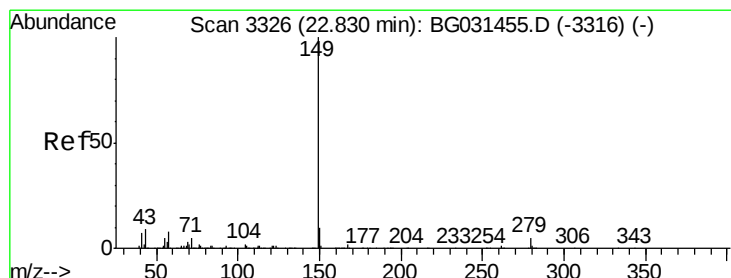
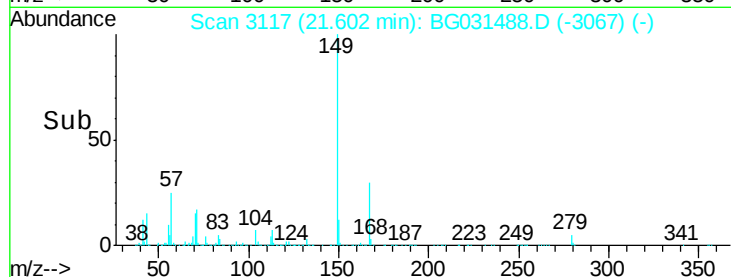
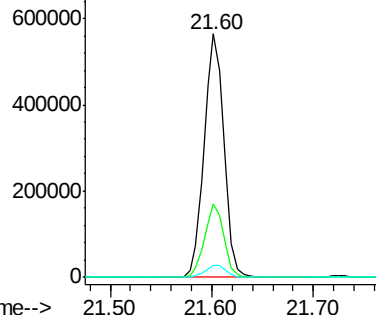
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.257 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

Tot Ion	149	Resp	760085
Ion Ratio	Lower	Upper	
149	100		
167	30.3	24.3	36.5
279	5.1	4.0	6.0

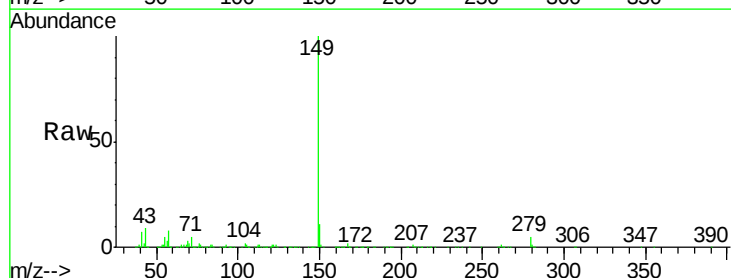


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

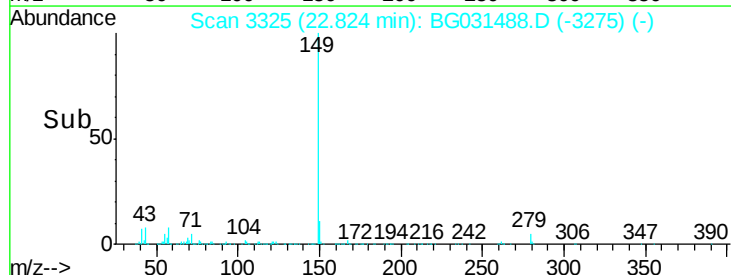
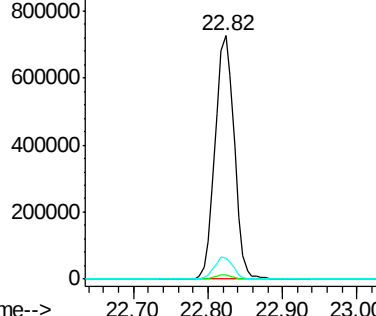


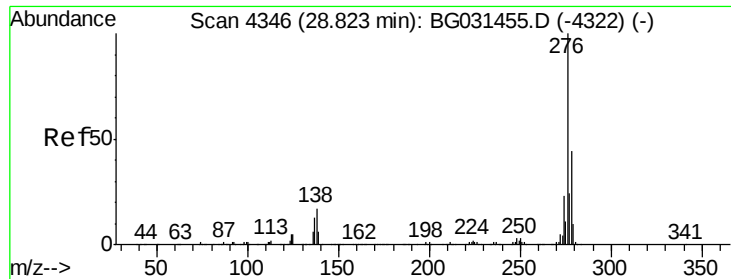
#84
 Di-n-octyl phthalate
 Concen: 51.641 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.01 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion	149	Resp	1288302
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.9	8.9	13.3#



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): BG

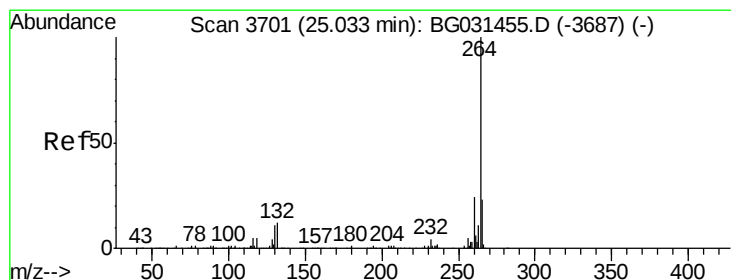
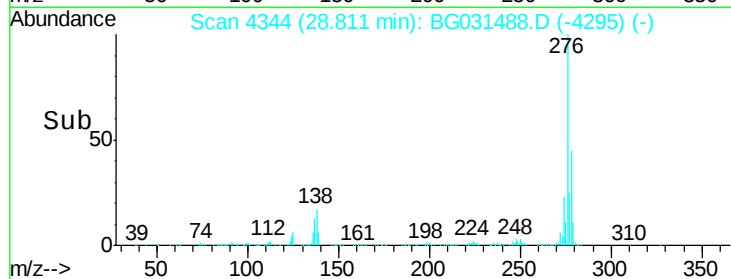
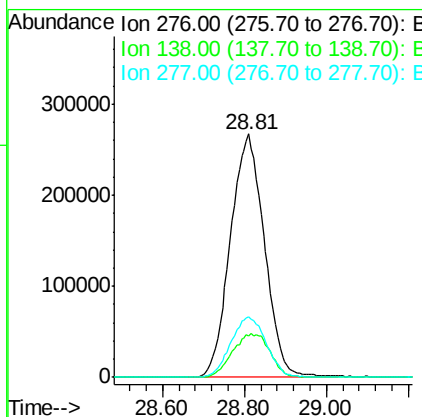
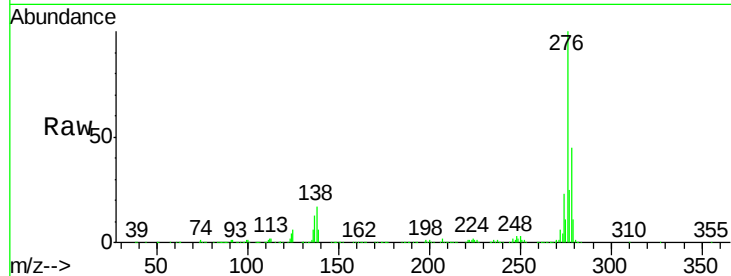




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.637 ng
 RT: 28.81 min Scan# 4344
 Delta R.T. -0.01 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

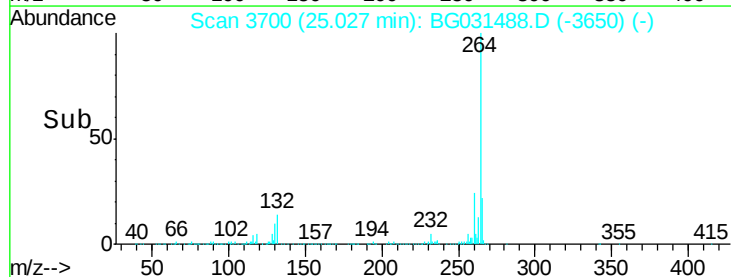
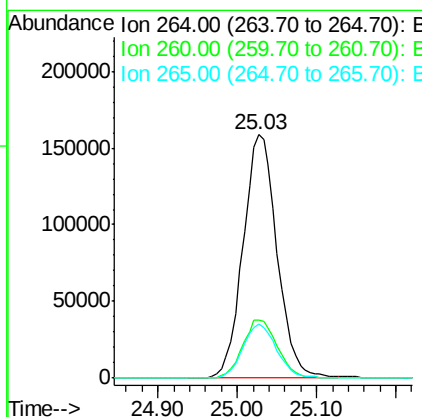
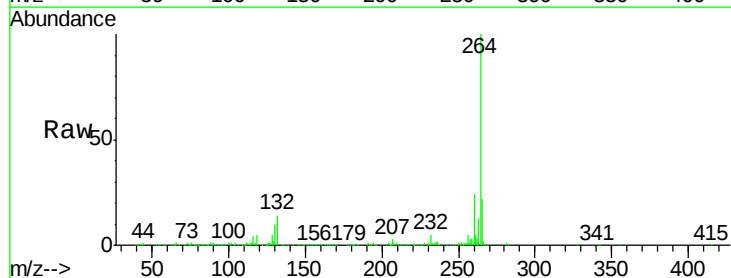
Instrument :
 BNA_G
 ClientSampleId :
 PB104888BSD

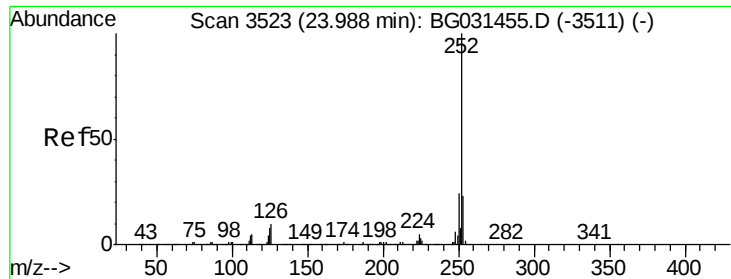
Tot Ion:276 Resp: 1539940
 Ion Ratio Lower Upper
 276 100
 138 19.7 16.0 24.0
 277 26.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BG031488.D
 Acq: 12 Dec 2017 12:37

Tgt Ion:264 Resp: 472272
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.4 26.0
 265 22.1 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 48.329 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

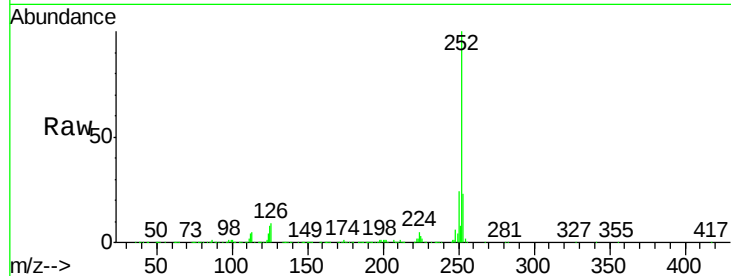
Tot Ion:252 Resp: 1364561

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

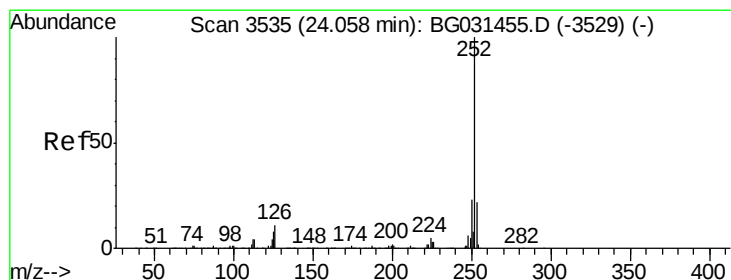
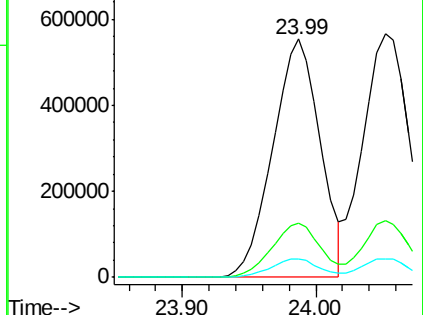
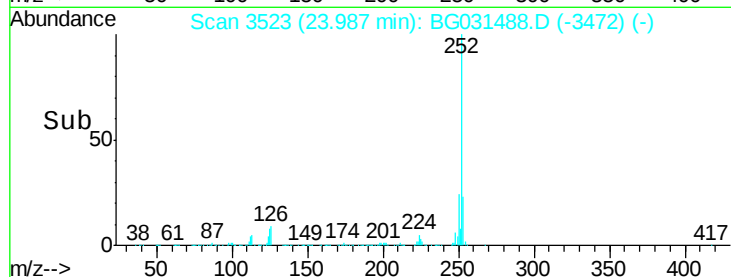
125 7.5 7.2 10.8



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



#88

Benzo(k)fluoranthene

Concen: 48.002 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

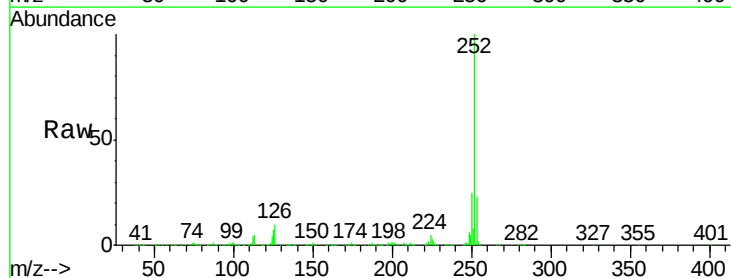
Tgt Ion:252 Resp: 1383118

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

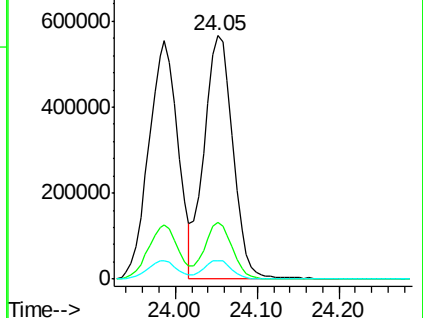
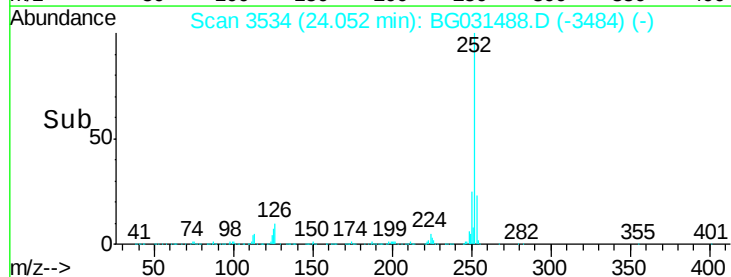
125 7.4 6.6 9.8

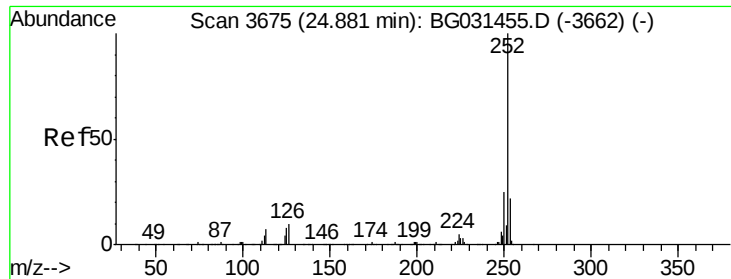


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.289 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

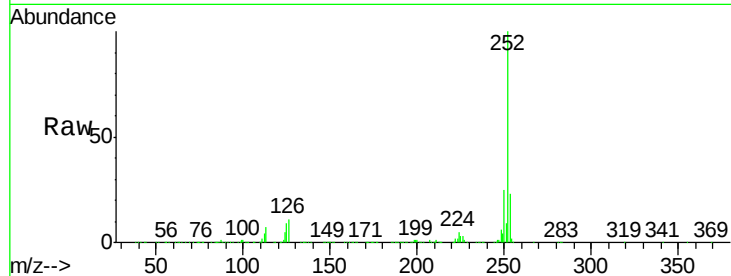
Tot Ion:252 Resp: 1346965

Ion Ratio Lower Upper

252 100

253 23.4 18.3 27.5

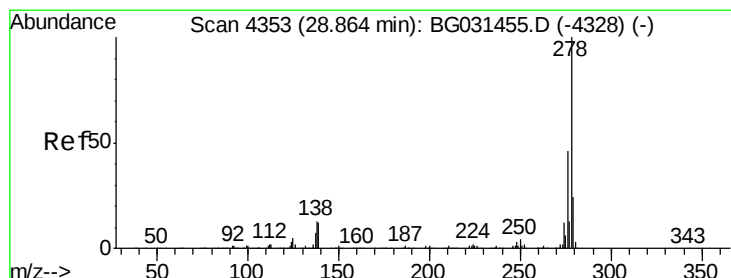
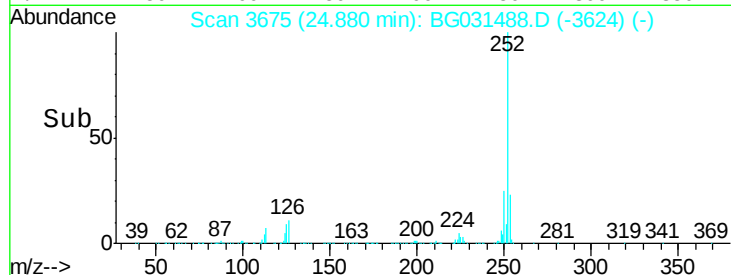
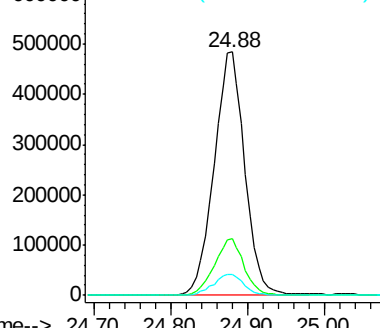
125 8.7 7.3 10.9



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



#90

Dibenzo(a,h)anthracene

Concen: 49.818 ng

RT: 28.85 min Scan# 4351

Delta R.T. -0.01 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

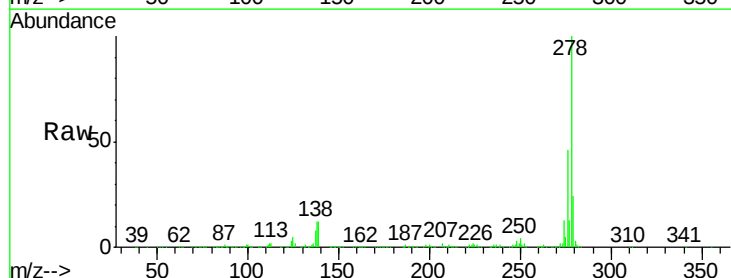
Tgt Ion:278 Resp: 1275982

Ion Ratio Lower Upper

278 100

139 11.6 9.8 14.6

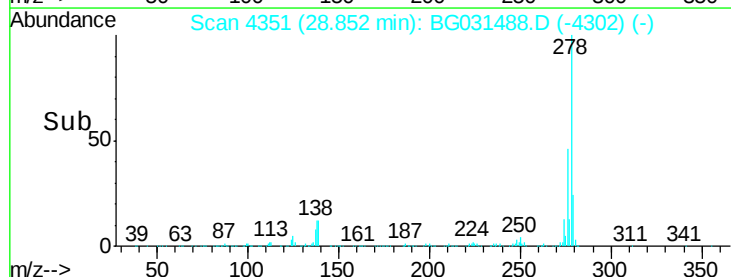
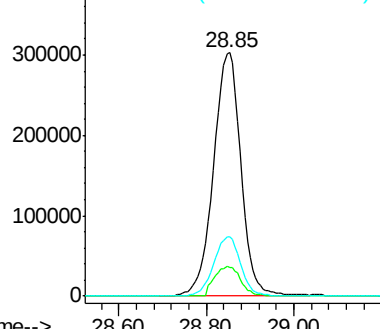
279 24.4 18.4 27.6

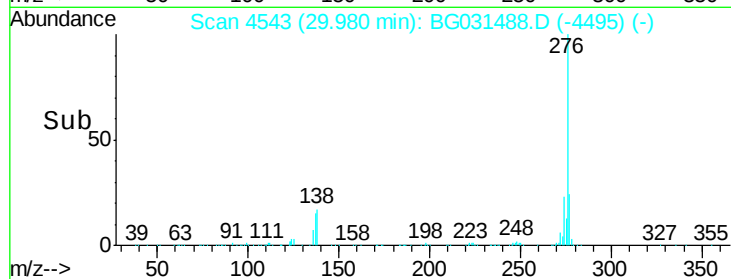
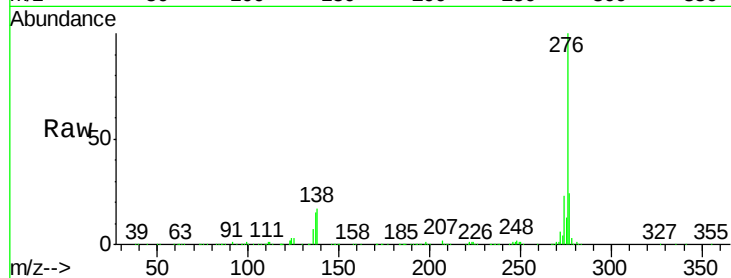
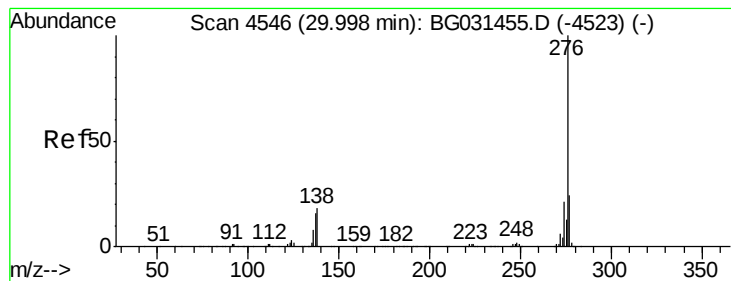


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 51.161 ng

RT: 29.98 min Scan# 4543

Delta R.T. -0.02 min

Lab File: BG031488.D

Acq: 12 Dec 2017 12:37

Instrument :

BNA_G

ClientSampleId :

PB104888BSD

Tot Ion:276 Resp: 1288276

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 16.7 13.9 20.9

