

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031964.D
 Acq On : 10 Jan 2018 3:09
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 03:57:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	65313	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	275790	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	188006	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	483531	20.00	ng	-0.02
75) Chrysene-d12	22.49	240	530670	20.00	ng	-0.03
86) Perylene-d12	26.20	264	562318	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.20	112	279162	77.85	ng	0.00
7) Phenol-d6	7.89	99	369978	79.47	ng	0.00
23) Nitrobenzene-d5	9.98	82	321637	88.07	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	251986	87.84	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1112227	74.25	ng	-0.01
78) Terphenyl-d14	20.68	244	1715648	73.86	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.86	88	48553	36.526	ng	# 71
3) Pyridine	4.31	79	146678	41.281	ng	# 76
4) n-Nitrosodimethylamine	4.22	42	60995	42.541	ng	# 92
6) Aniline	8.07	93	227446	37.971	ng	# 91
8) 2-Chlorophenol	8.33	128	160927	38.688	ng	# 81
9) Benzaldehyde	7.88	77	93837	33.473	ng	# 82
10) Phenol	7.91	94	181555	38.626	ng	# 91
11) bis(2-Chloroethyl)ether	8.17	93	142203	36.428	ng	# 82
12) 1,3-Dichlorobenzene	8.82	146	200903	38.894	ng	# 95
13) 1,4-Dichlorobenzene	8.82	146	200903	38.074	ng	# 95
14) 1,2-Dichlorobenzene	9.15	146	193039	38.609	ng	# 96
15) Benzyl Alcohol	9.01	79	137985	39.481	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	9.31	45	107375	33.777	ng	# 82
17) 2-Methylphenol	9.21	107	130111	38.687	ng	# 97
18) Hexachloroethane	9.91	117	63076	39.469	ng	# 83
19) n-Nitroso-di-n-propylamine	9.59	70	116119	36.521	ng	# 84
20) 3+4-Methylphenols	9.55	107	186955	39.112	ng	# 95
22) Acetophenone	9.62	105	240622	37.554	ng	# 87
24) Nitrobenzene	10.02	77	160030	42.514	ng	# 86
25) Isophorone	10.55	82	291973	37.136	ng	# 87
26) 2-Nitrophenol	10.75	139	100613	50.979	ng	# 85
27) 2,4-Dimethylphenol	10.78	122	155146	37.357	ng	# 89
28) bis(2-Chloroethoxy)methane	11.03	93	190647	36.138	ng	# 94
29) 2,4-Dichlorophenol	11.29	162	190387	39.050	ng	# 91
30) 1,2,4-Trichlorobenzene	11.52	180	227314	38.185	ng	# 97
31) Naphthalene	11.72	128	532150	38.233	ng	# 99
32) Benzoic acid	10.91	122	117950	42.534	ng	# 78
33) 4-Chloroaniline	11.80	127	228900	36.939	ng	# 92
34) Hexachlorobutadiene	11.98	225	165185	40.419	ng	# 98
35) Caprolactam	12.57	113	59577	40.313	ng	# 48
36) 4-Chloro-3-methylphenol	12.88	107	177501	39.420	ng	# 77
37) 2-Methylnaphthalene	13.27	142	426340	37.785	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	303782	38.361	ng	# 97
40) Hexachlorocyclopentadiene	13.60	237	180381	43.178	ng	# 92

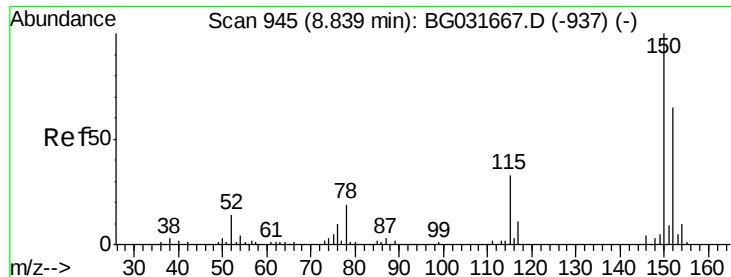
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031964.D
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Quant Time: Jan 10 03:57:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	185981	40.734	nq	98
43) 2,4,5-Trichlorophenol	13.93	196	207400	40.990	nq #	92
45) 1,1'-Biphenyl	14.25	154	612133	38.121	nq	94
46) 2-Chloronaphthalene	14.31	162	463314	37.828	nq	97
47) 2-Nitroaniline	14.49	65	104552	49.426	nq #	69
48) Acenaphthylene	15.14	152	737938	37.660	nq	99
49) Dimethylphthalate	14.84	163	625026	37.737	nq #	98
50) 2,6-Dinitrotoluene	14.97	165	138745	45.537	nq #	62
51) Acenaphthene	15.48	154	505834	39.417	nq	98
52) 3-Nitroaniline	15.30	138	135619	45.622	nq #	73
53) 2,4-Dinitrophenol	15.49	184	87903	69.065	nq #	46
54) Dibenzofuran	15.81	168	744195	37.831	nq	98
55) 4-Nitrophenol	15.57	139	106851	44.163	nq #	73
56) 2,4-Dinitrotoluene	15.75	165	197849	50.499	nq #	62
57) Fluorene	16.45	166	604169	37.806	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.02	232	203993	41.323	nq #	85
59) Diethylphthalate	16.19	149	612023	37.913	nq	96
60) 4-Chlorophenyl-phenylether	16.43	204	370064	37.847	nq	91
61) 4-Nitroaniline	16.46	138	140302	48.366	nq	79
62) Azobenzene	16.72	77	388178	37.495	nq	85
64) 4,6-Dinitro-2-methylphenol	16.50	198	125098	52.285	nq #	70
65) n-Nitrosodiphenylamine	16.63	169	588724	36.660	nq	99
66) 4-Bromophenyl-phenylether	17.32	248	261934	37.461	nq	92
67) Hexachlorobenzene	17.44	284	272963	38.188	nq #	91
68) Atrazine	17.56	200	235503	37.714	nq	99
69) Pentachlorophenol	17.78	266	204755	41.647	nq	98
70) Phenanthrene	18.18	178	1007320	36.812	nq	98
71) Anthracene	18.28	178	1012729	36.688	nq	99
72) Carbazole	18.53	167	909730	37.236	nq	99
73) Di-n-butylphthalate	19.04	149	1010169	37.205	nq	99
74) Fluoranthene	20.15	202	1254560	37.365	nq	95
76) Benzidine	20.31	184	720846	44.009	nq	97
77) Pyrene	20.50	202	1280366	37.772	nq	98
79) Butylbenzylphthalate	21.36	149	449032	39.461	nq #	78
80) Benzo(a)anthracene	22.46	228	1277942	37.858	nq	100
81) 3,3'-Dichlorobenzidine	22.35	252	504336	38.534	nq #	97
82) Chrysene	22.54	228	1191619	37.309	nq	98
83) Bis(2-ethylhexyl)phthalate	22.30	149	618185	37.497	nq #	98
84) Di-n-octyl phthalate	23.70	149	1024389	36.895	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.54	276	1547926	37.777	nq #	84
87) Benzo(b)fluoranthene	25.01	252	1302644	37.319	nq #	96
88) Benzo(k)fluoranthene	25.09	252	1296298	37.109	nq #	97
89) Benzo(a)pyrene	26.03	252	1260148	37.695	nq #	97
90) Dibenzo(a,h)anthracene	30.61	278	1283282	37.169	nq #	97
91) Benzo(g,h,i)perylene	30.54	276	1547926	37.974	nq #	92

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

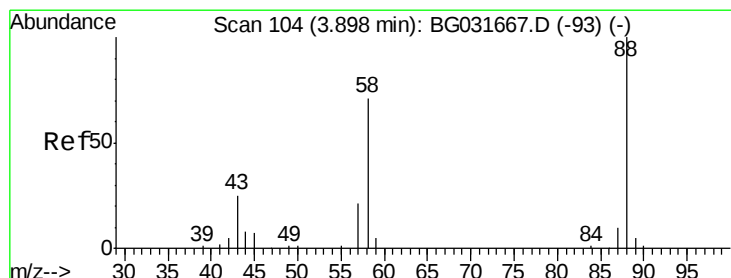
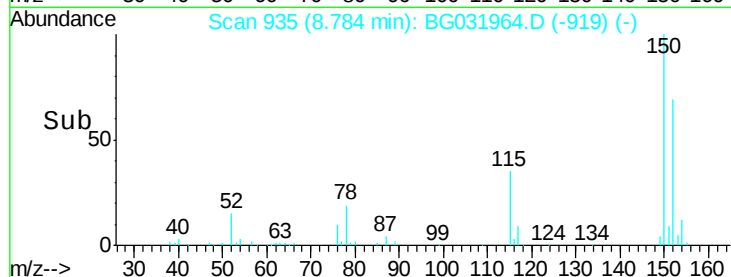
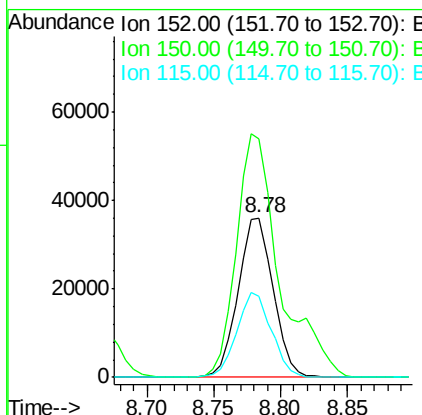
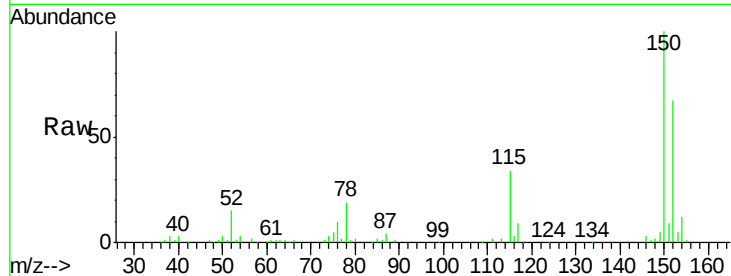


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Instrument :
BNA_G
ClientSampleId :

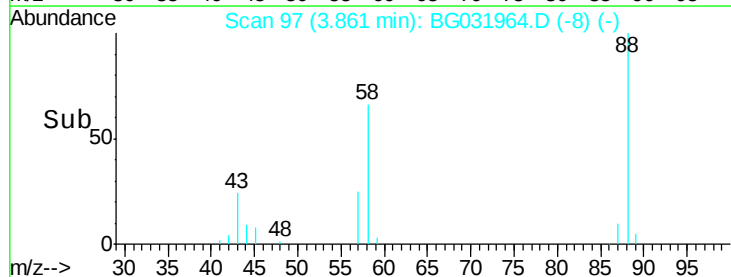
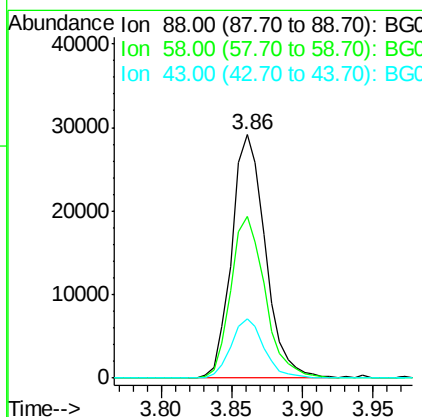
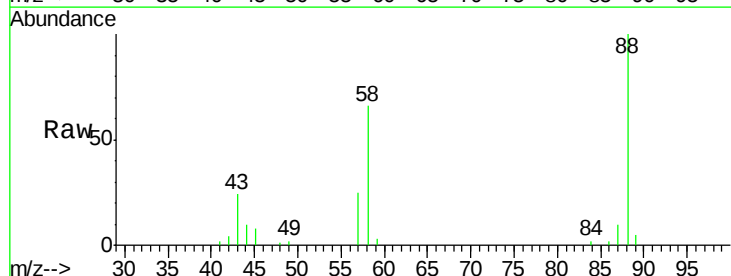
Tot Ion:152 Resp: 65313
Ion Ratio Lower Upper
152 100
150 149.0 126.6 189.8
115 50.9 53.0 79.4#

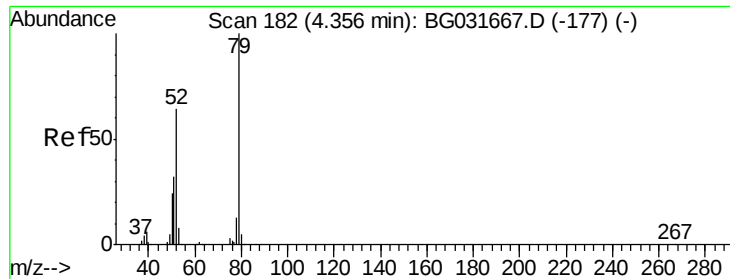


#2

1,4-Dioxane
Concen: 36.526 ng
RT: 3.86 min Scan# 97
Delta R.T. -0.00 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion: 88 Resp: 48553
Ion Ratio Lower Upper
88 100
58 67.4 79.6 119.4#
43 23.8 27.4 41.0#





#3

Pvridine

Concen: 41.281 ng

RT: 4.31 min Scan# 174

Delta R.T. -0.00 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

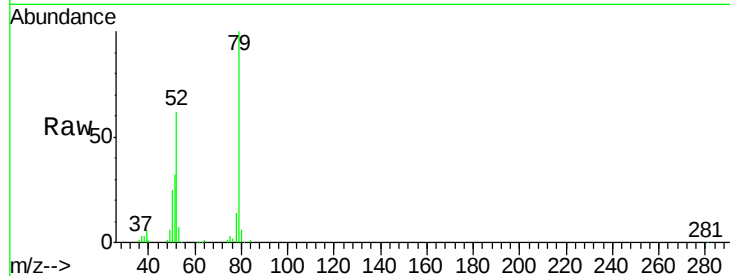
Tot Ion: 79 Resp: 146678

Ion Ratio Lower Upper

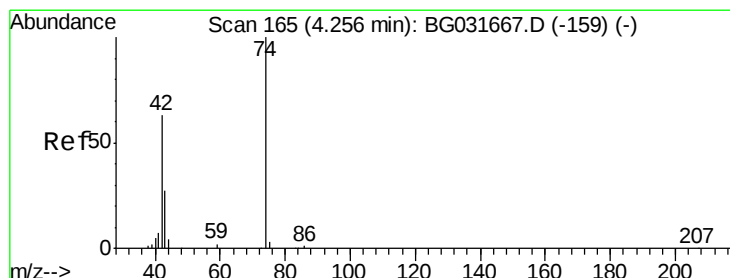
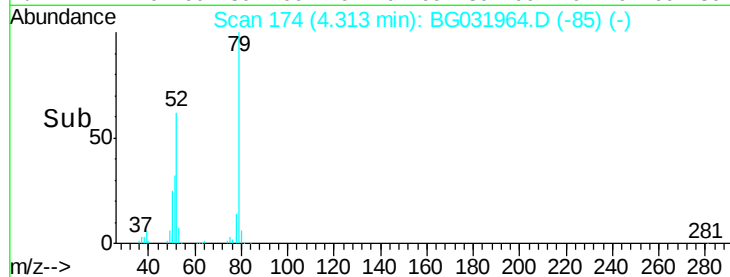
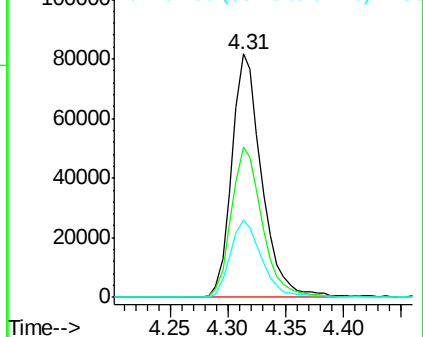
79 100

52 61.8 69.9 104.9#

51 31.9 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.541 ng

RT: 4.22 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

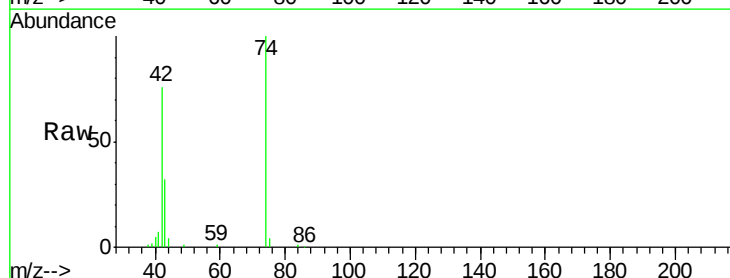
Tgt Ion: 42 Resp: 60995

Ion Ratio Lower Upper

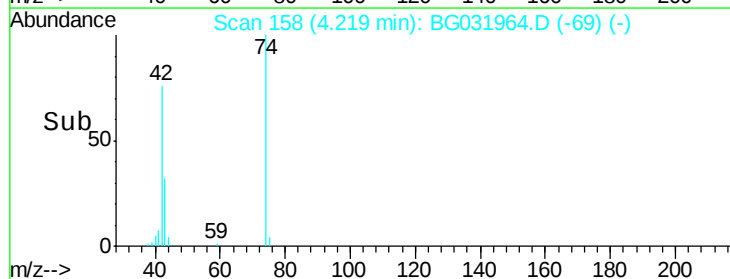
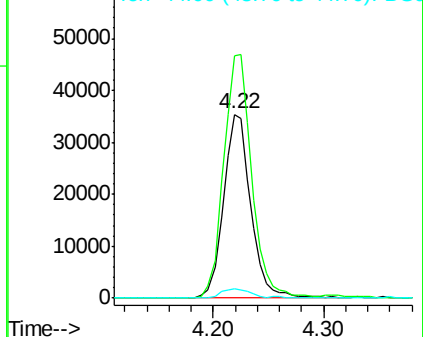
42 100

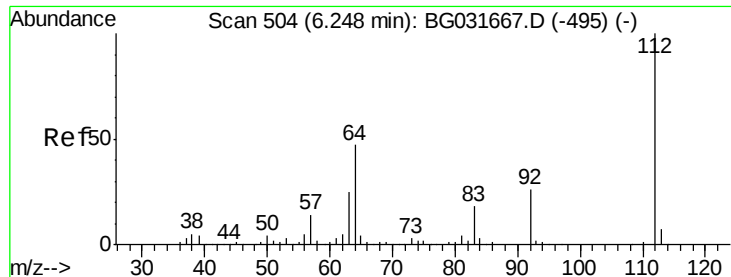
74 131.7 102.5 153.7

44 5.3 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 77.850 ng

RT: 6.20 min Scan# 496

Delta R.T. -0.00 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

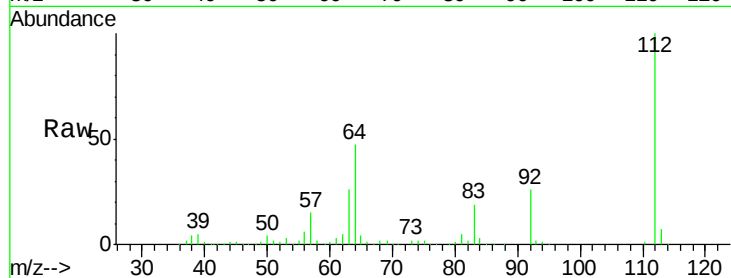
Tot Ion:112 Resp: 279162

Ion Ratio Lower Upper

112 100

64 47.3 56.3 84.5#

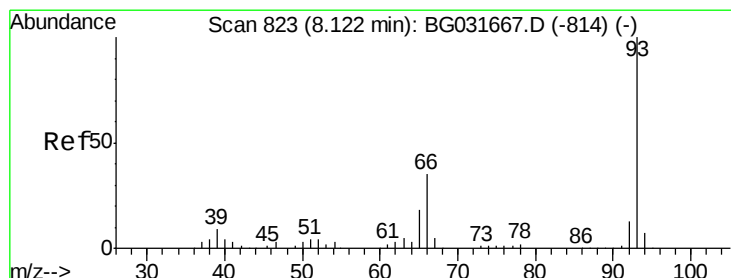
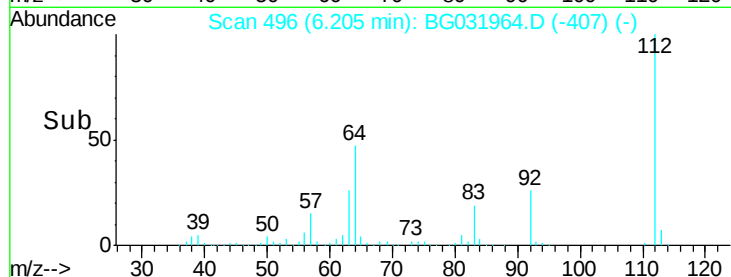
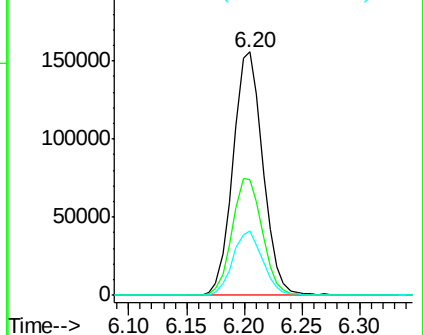
63 26.3 30.1 45.1#



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: 37.971 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

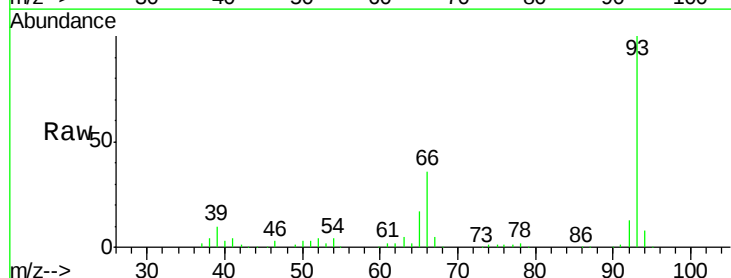
Tgt Ion: 93 Resp: 227446

Ion Ratio Lower Upper

93 100

66 36.2 33.7 50.5

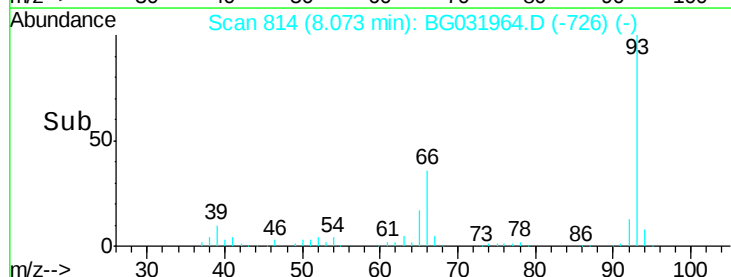
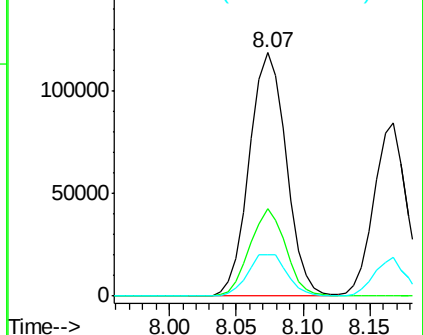
65 17.0 16.1 24.1

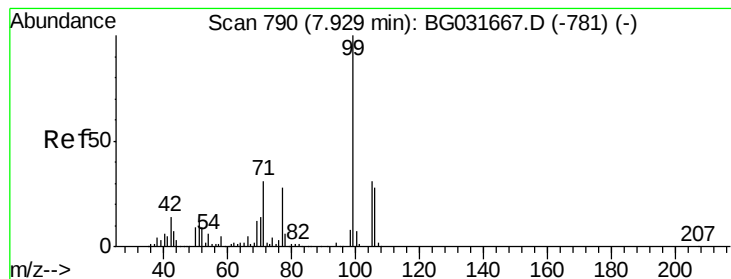


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.468 ng

RT: 7.89 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

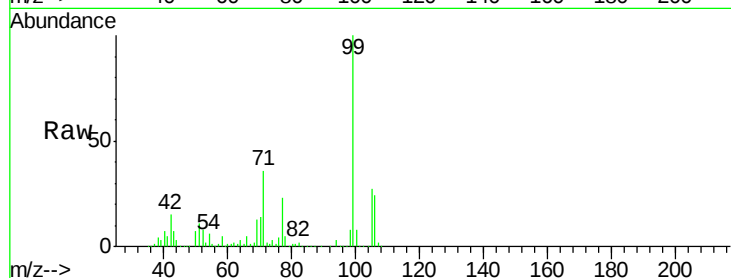
Tot Ion: 99 Resp: 369978

Ion Ratio Lower Upper

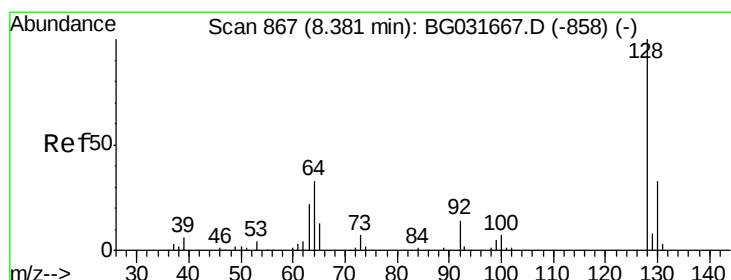
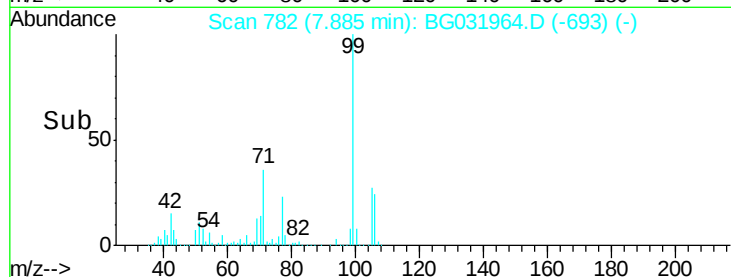
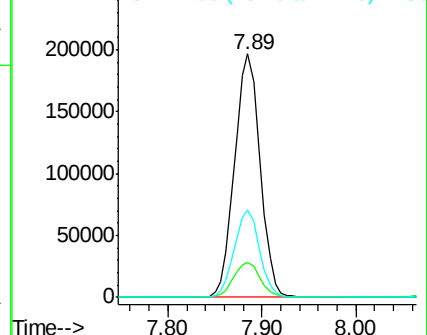
99 100

42 14.6 14.1 21.1

71 36.1 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: 38.688 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

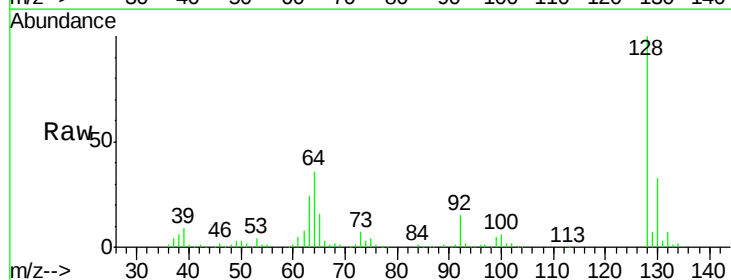
Tgt Ion: 128 Resp: 160927

Ion Ratio Lower Upper

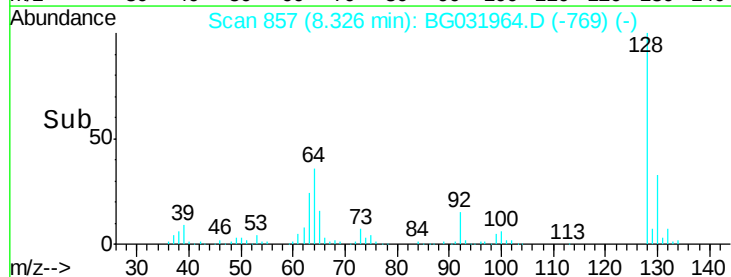
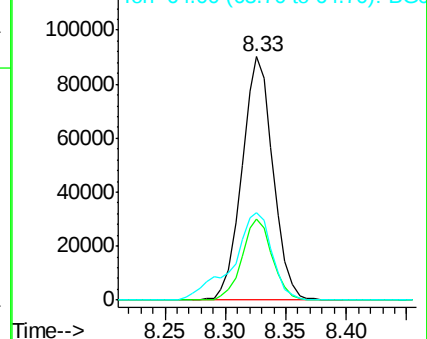
128 100

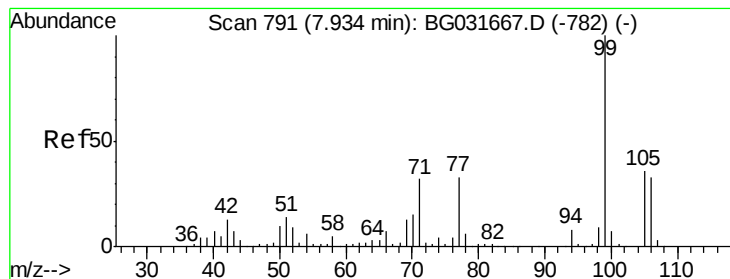
130 33.2 14.0 54.0

64 36.0 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: 33.473 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

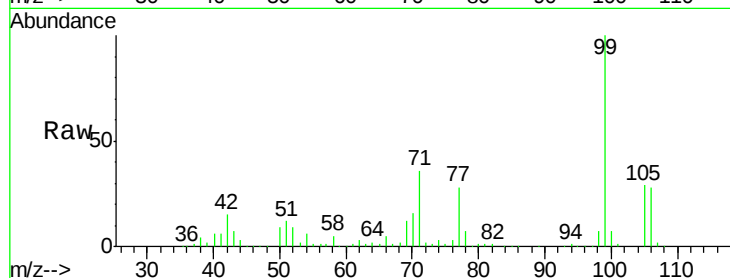
Tot Ion: 77 Resp: 93837

Ion Ratio Lower Upper

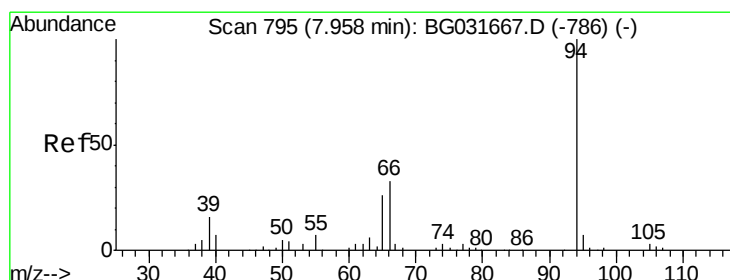
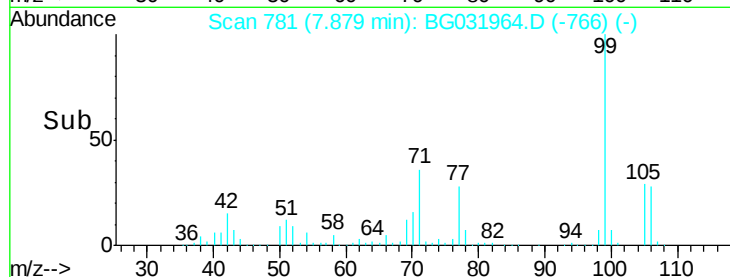
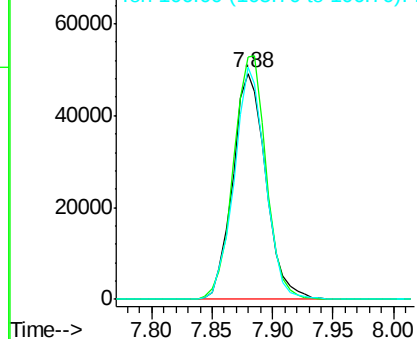
77 100

105 107.0 71.3 111.3

106 102.6 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: 38.626 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

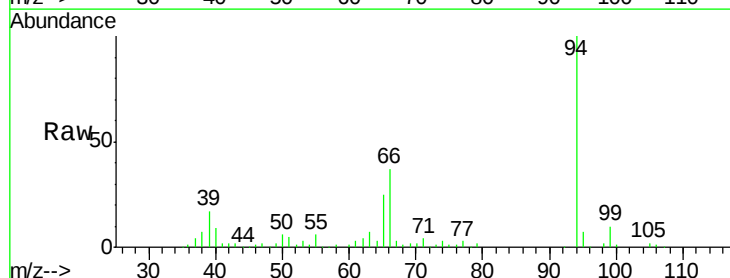
Tgt Ion: 94 Resp: 181555

Ion Ratio Lower Upper

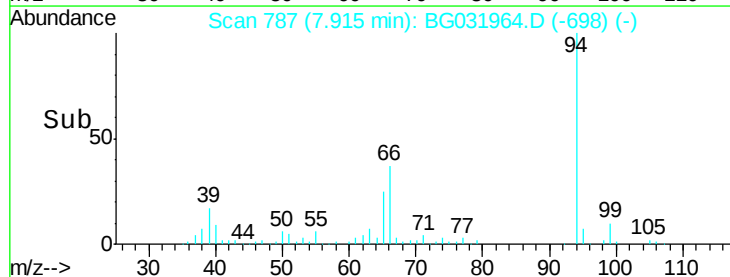
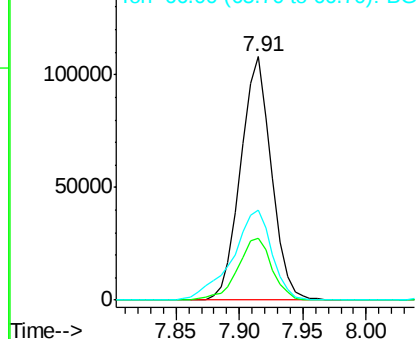
94 100

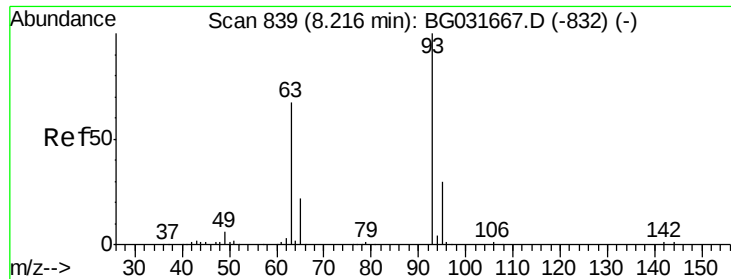
65 25.4 11.9 51.9

66 37.2 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

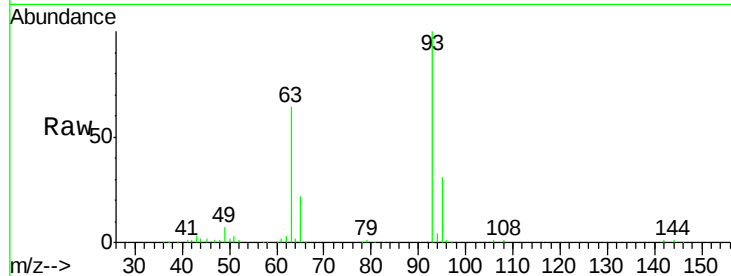




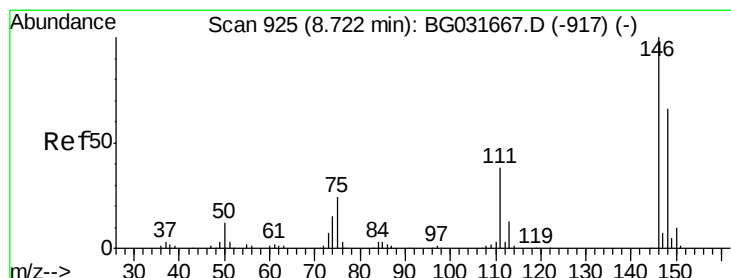
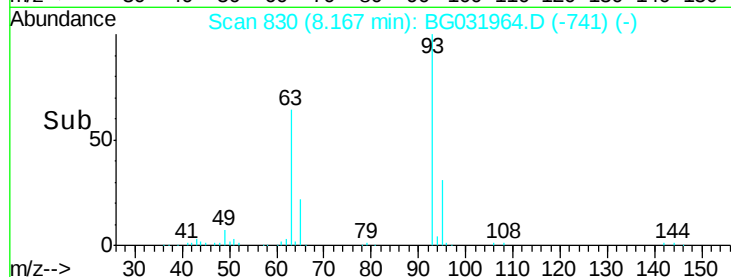
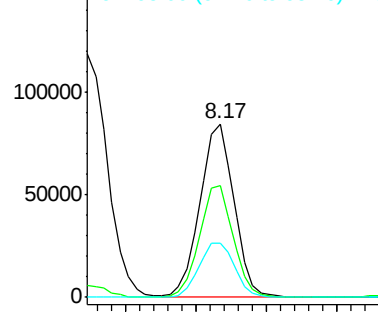
#11
bis(2-Chloroethyl)ether
Concen: 36.428 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 142203
Ion Ratio Lower Upper
93 100
63 64.5 67.1 107.1#
95 31.3 11.5 51.5

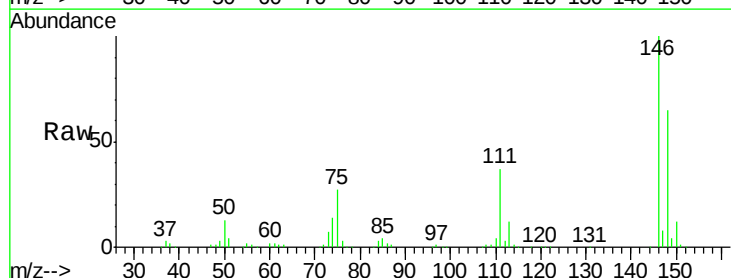


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

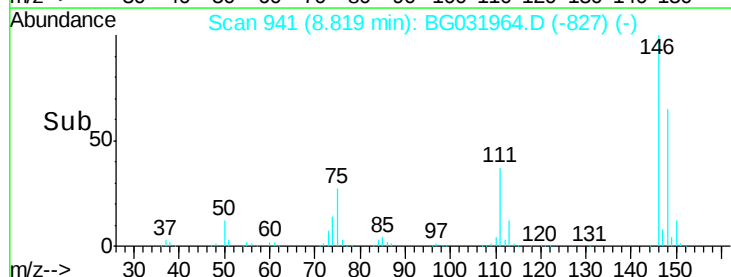
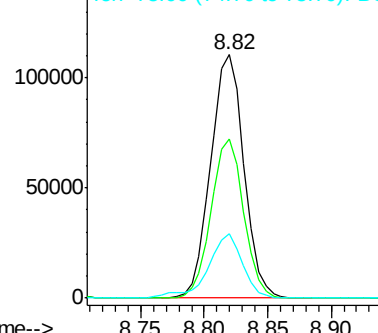


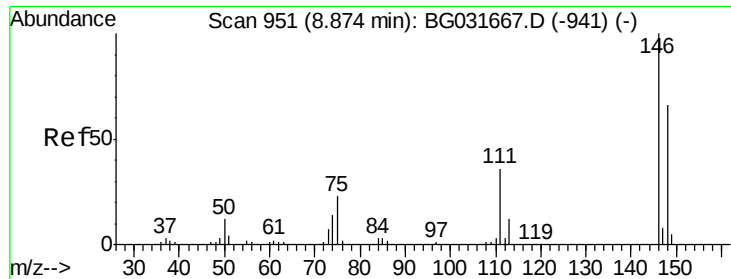
#12
1,3-Dichlorobenzene
Concen: 38.894 ng
RT: 8.82 min Scan# 941
Delta R.T. 0.14 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion: 146 Resp: 200903
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
75 26.7 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

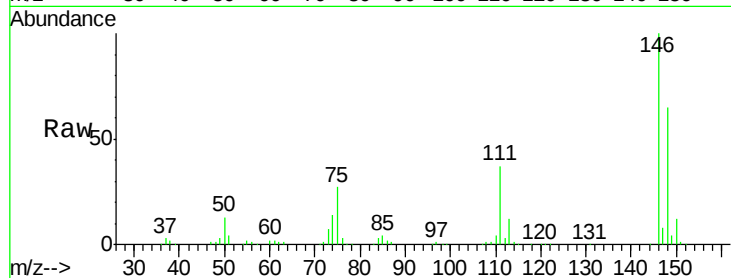




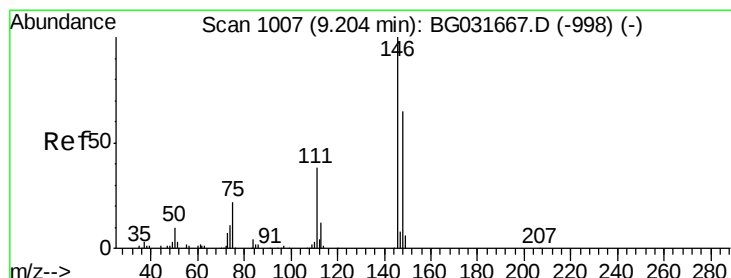
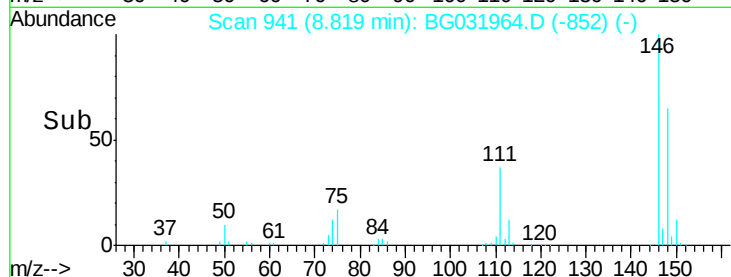
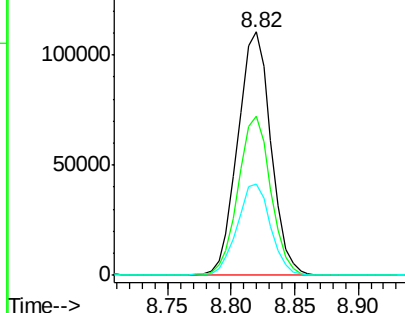
#13
 1,4-Dichlorobenzene
 Concen: 38.074 ng
 RT: 8.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.7	80.5
111	37.4	35.2	52.8

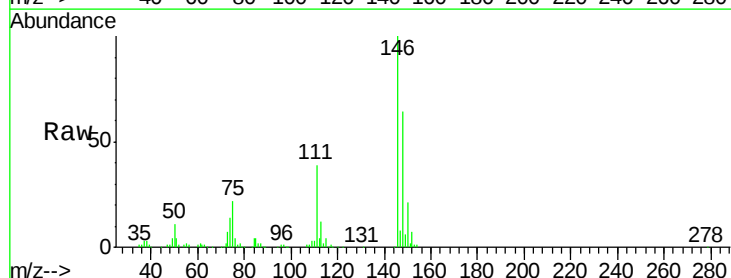


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

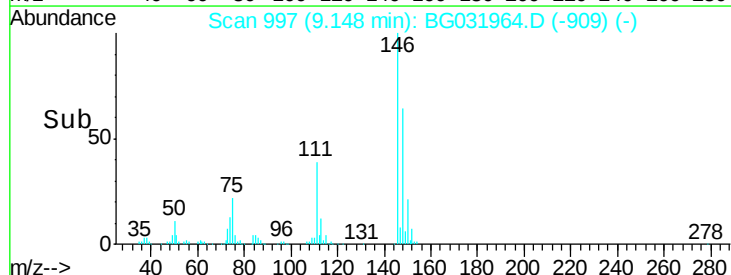
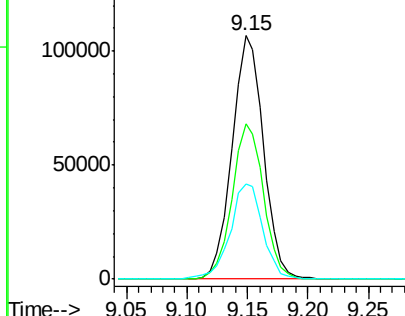


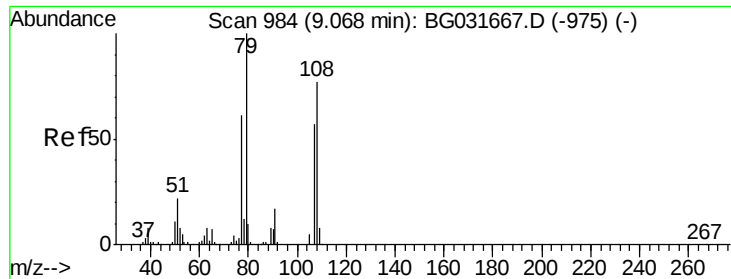
#14
 1,2-Dichlorobenzene
 Concen: 38.609 ng
 RT: 9.15 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.3	73.9
111	39.0	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: 39.481 ng

RT: 9.01 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampled :

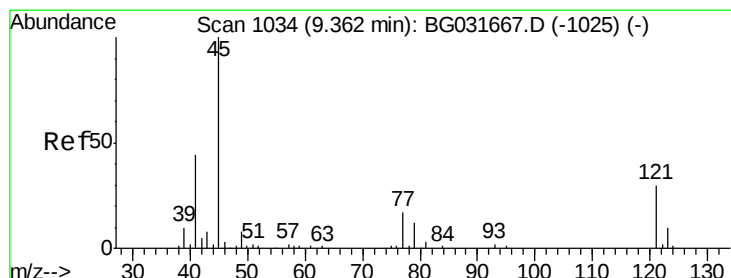
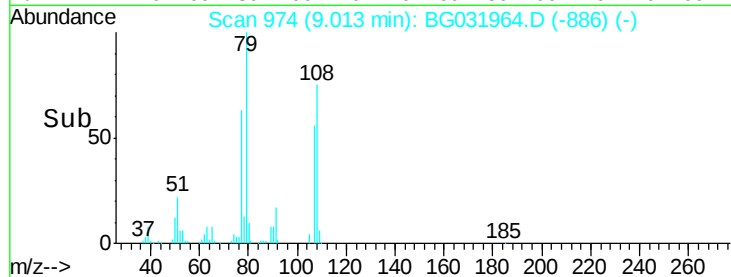
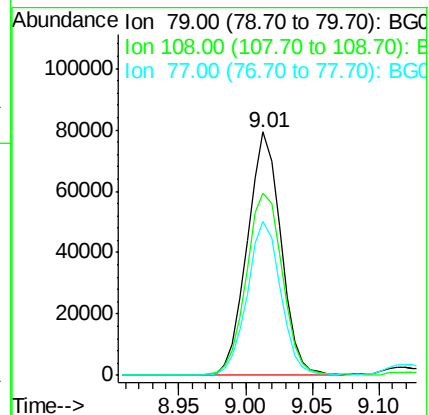
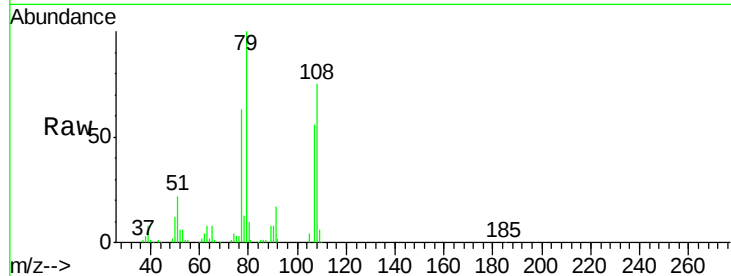
Tot Ion: 79 Resp: 137985

Ion Ratio Lower Upper

79 100

108 75.1 57.2 85.8

77 63.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.777 ng

RT: 9.31 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

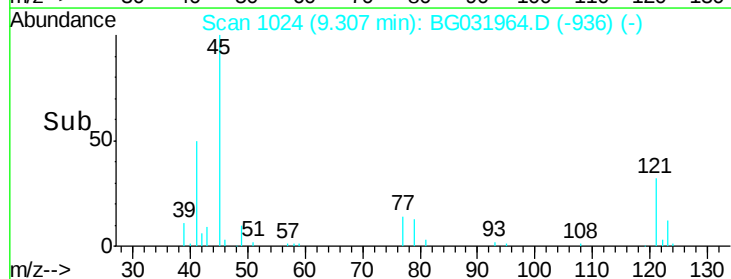
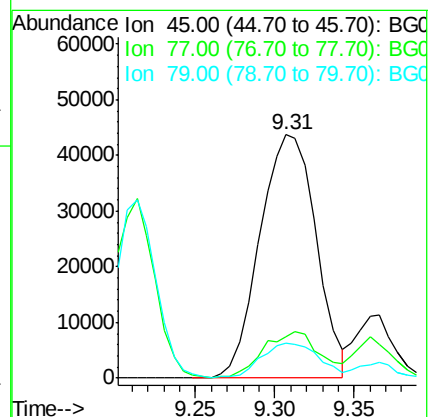
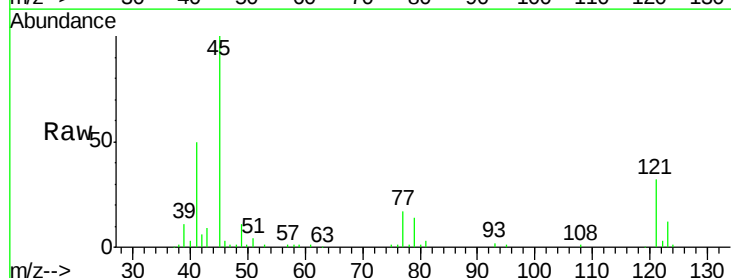
Tgt Ion: 45 Resp: 107375

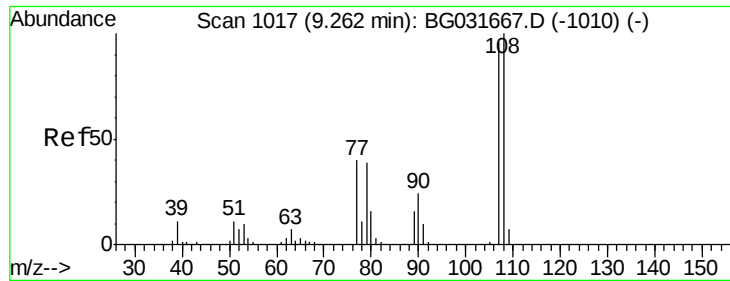
Ion Ratio Lower Upper

45 100

77 17.1 0.0 30.2

79 14.3 0.0 27.9

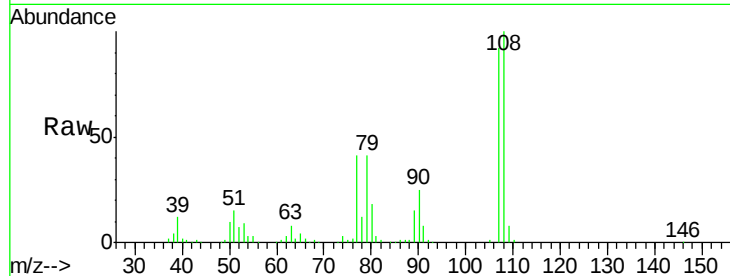




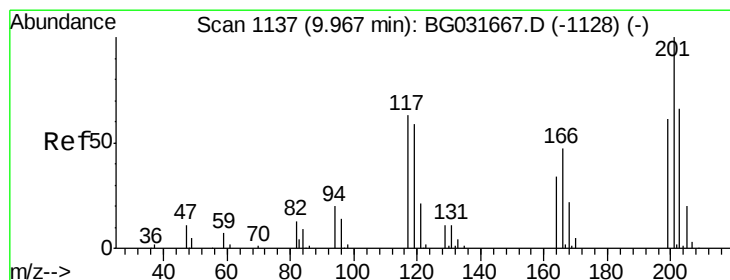
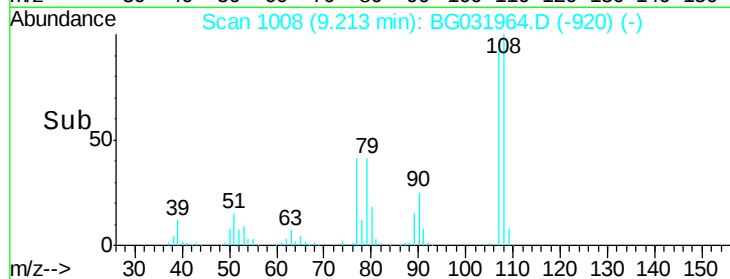
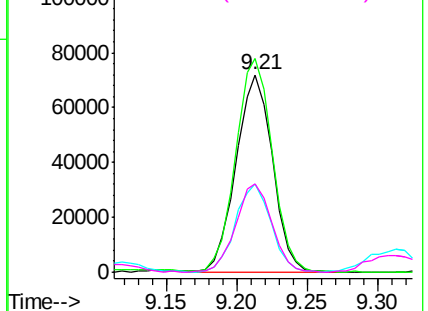
#17
2-Methylphenol
Concen: 38.687 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.3	83.9	125.9
77	44.9	37.2	55.8
79	44.6	36.2	54.2

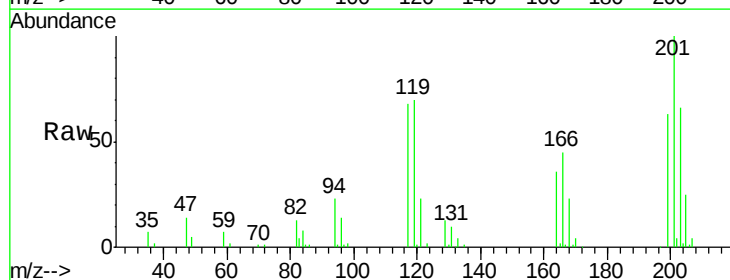


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

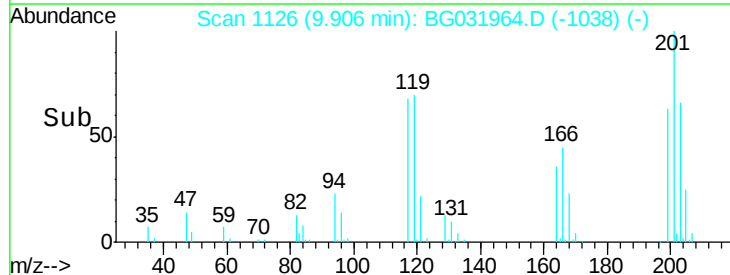
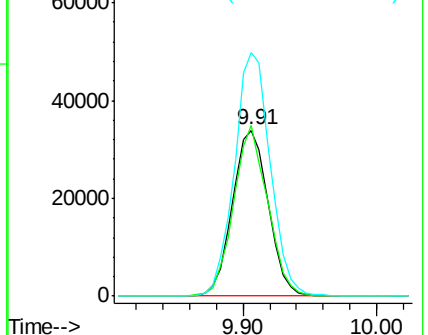


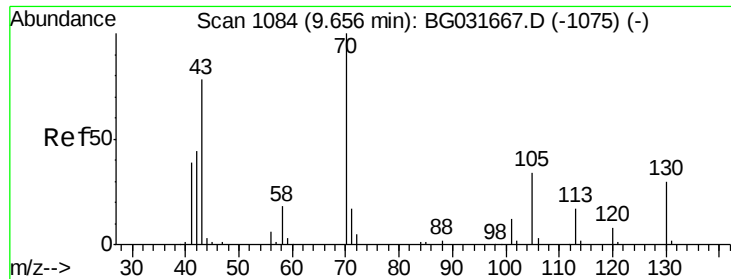
#18
Hexachloroethane
Concen: 39.469 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.9	76.7	115.1
201	146.7	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

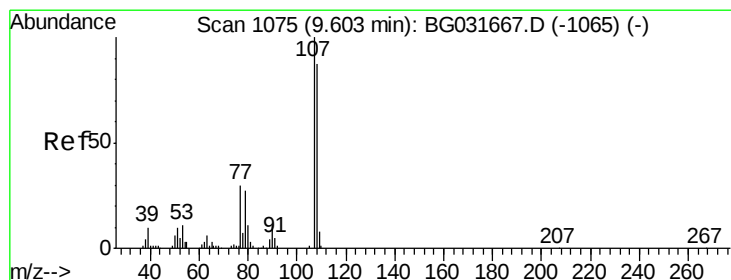
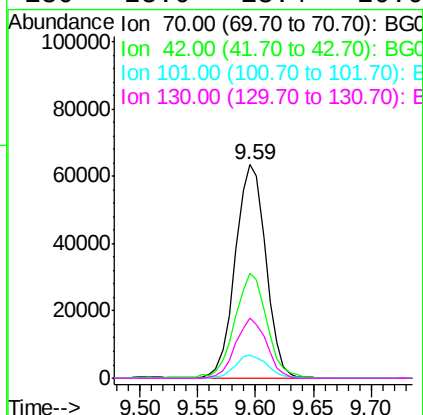
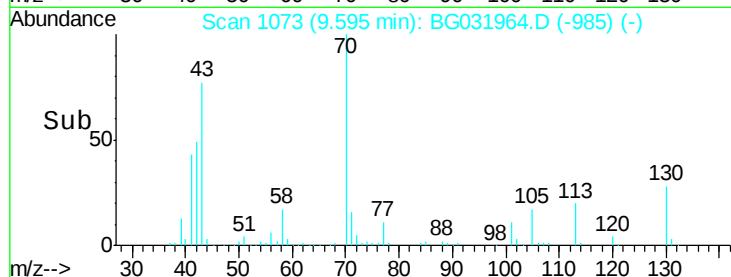
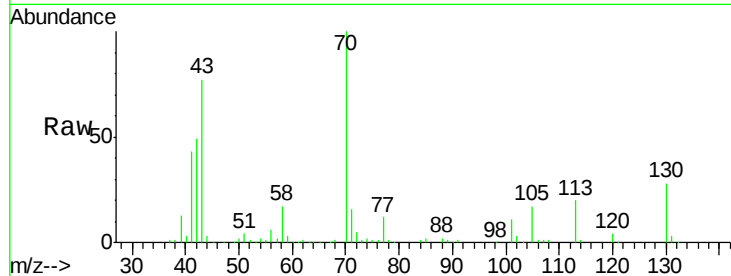




#19
n-Nitroso-di-n-propylamine
Concen: 36.521 ng
RT: 9.59 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

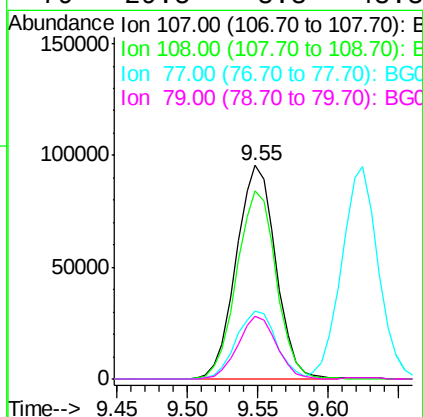
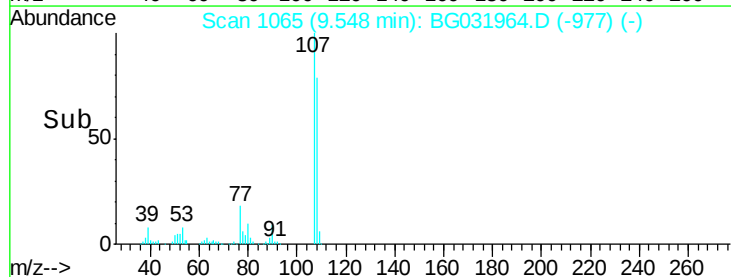
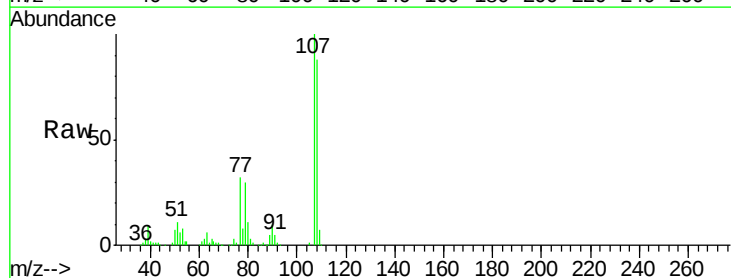
Instrument :
BNA_G
ClientSampleId :

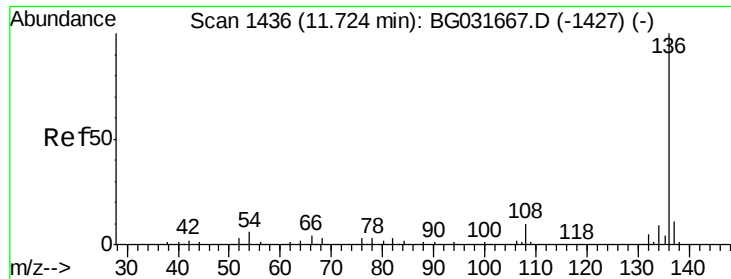
Tot Ion: 70 Resp: 116119
Ion Ratio Lower Upper
70 100
42 49.4 49.1 73.7
101 10.7 8.5 12.7
130 28.0 13.4 20.0#



#20
3+4-Methylphenols
Concen: 39.112 ng
RT: 9.55 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion:107 Resp: 186955
Ion Ratio Lower Upper
107 100
108 88.0 61.6 101.6
77 31.9 13.9 53.9
79 29.5 8.8 48.8

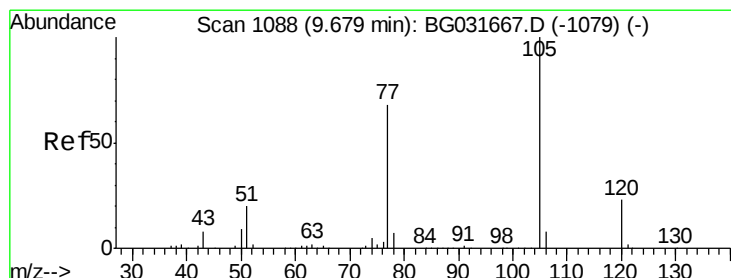
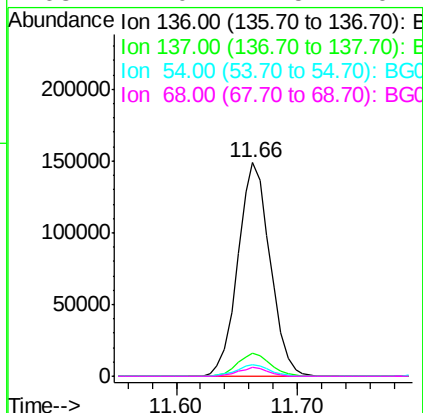
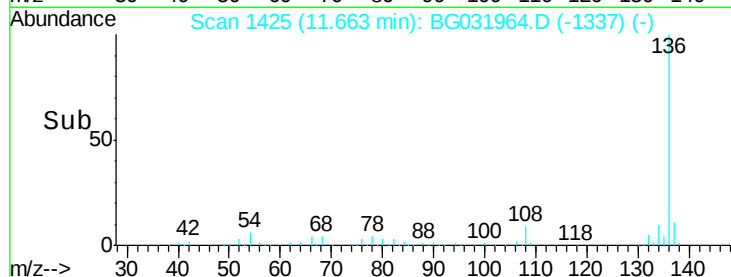
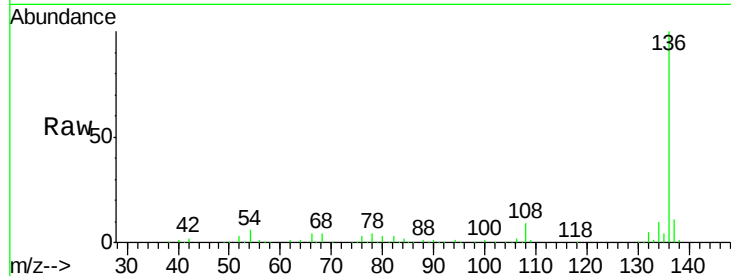




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

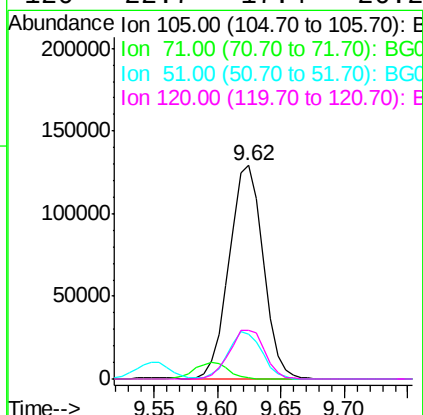
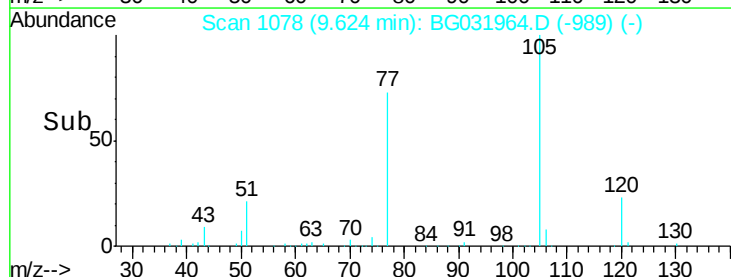
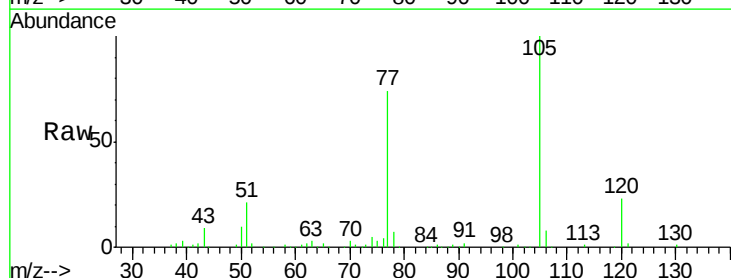
Instrument :
BNA_G
ClientSampleId :

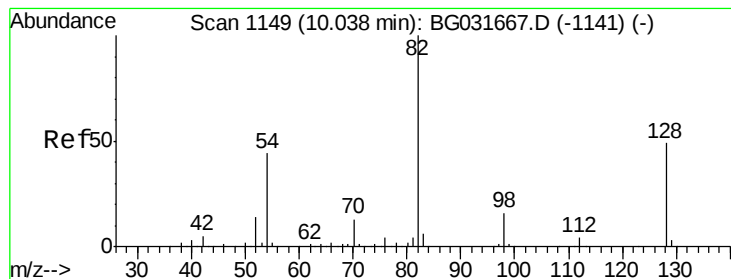
Tot Ion:136	Resp:	275790
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	5.7	10.3 15.5#
68	4.0	4.5 6.7#



#22
Acetophenone
Concen: 37.554 ng
RT: 9.62 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion:105	Resp:	240622
Ion Ratio	Lower	Upper
105	100	
71	0.6	3.0 4.4#
51	21.2	26.1 39.1#
120	22.7	17.4 26.2





#23

Nitrobenzene-d5

Concen: 88.065 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampled :

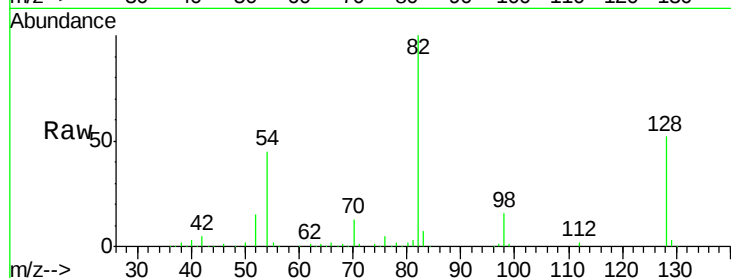
Tot Ion: 82 Resp: 321637

Ion Ratio Lower Upper

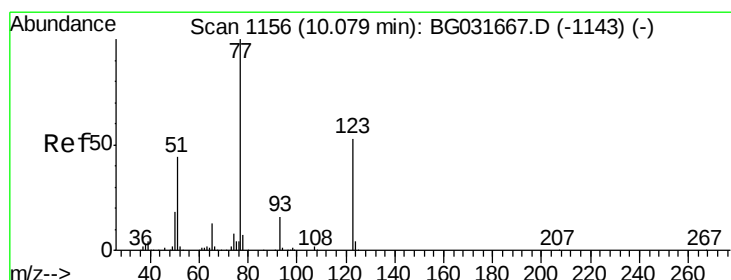
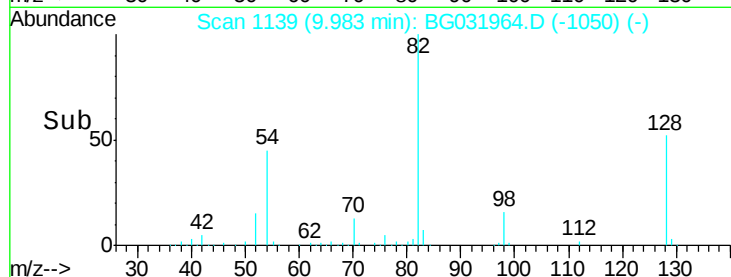
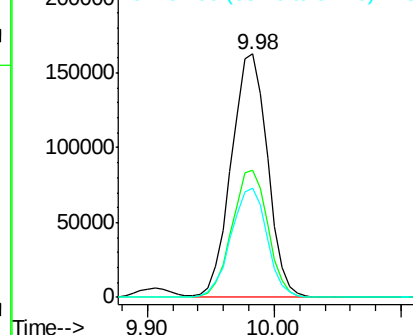
82 100

128 52.2 29.7 44.5#

54 45.0 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: 42.514 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

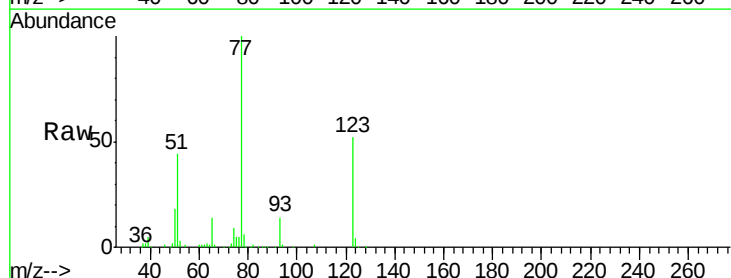
Tgt Ion: 77 Resp: 160030

Ion Ratio Lower Upper

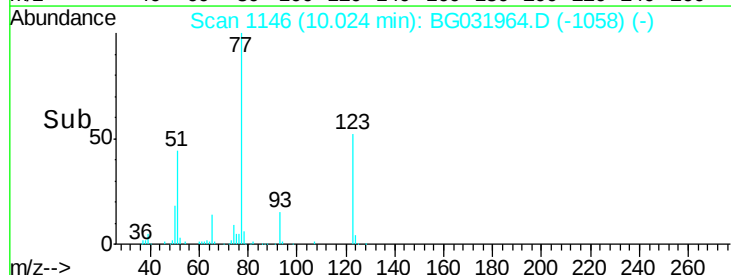
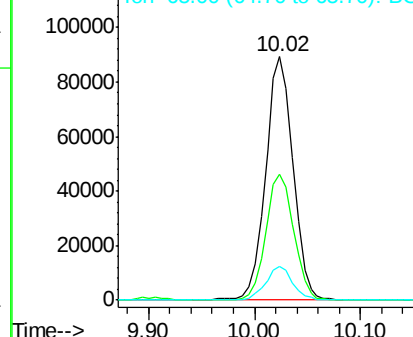
77 100

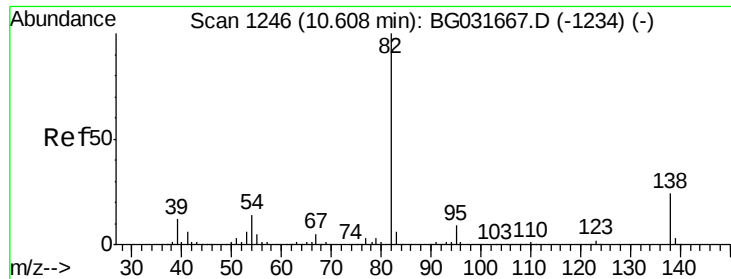
123 51.9 33.0 49.6#

65 13.6 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: 37.136 ng

RT: 10.55 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

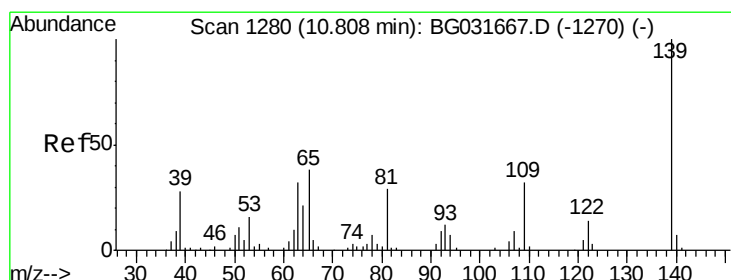
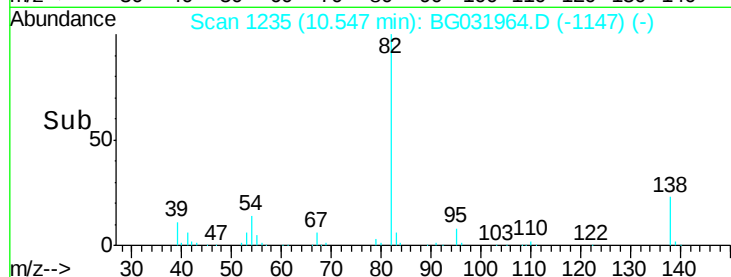
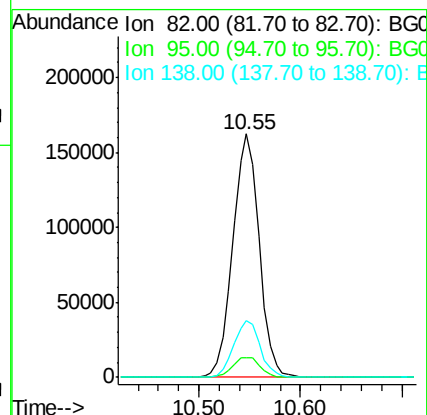
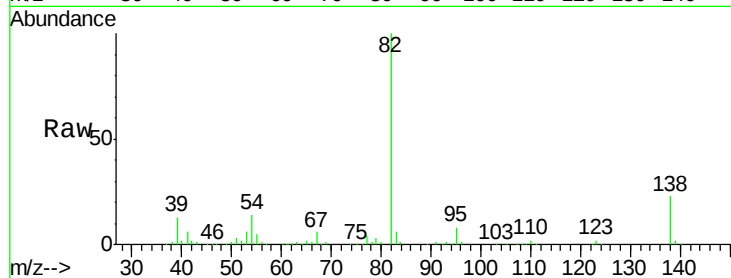
Tot Ion: 82 Resp: 291973

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

138 23.3 12.1 18.1#



#26

2-Nitrophenol

Concen: 50.979 ng

RT: 10.75 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

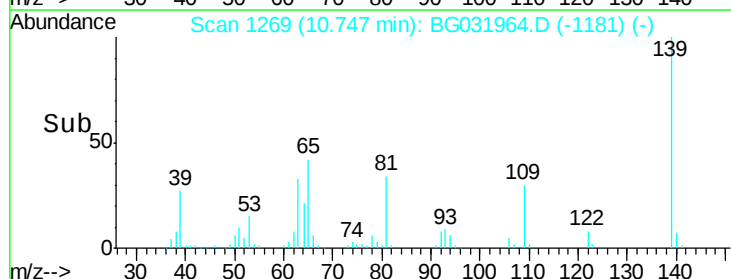
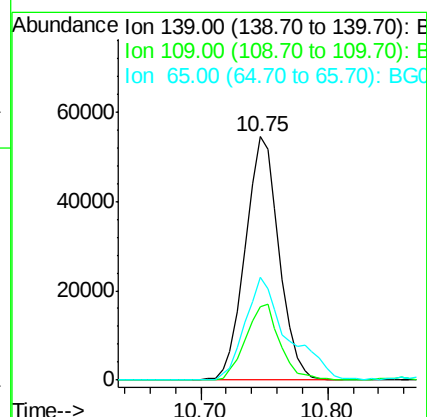
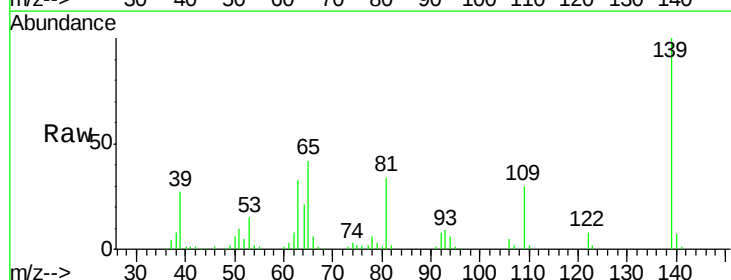
Tgt Ion: 139 Resp: 100613

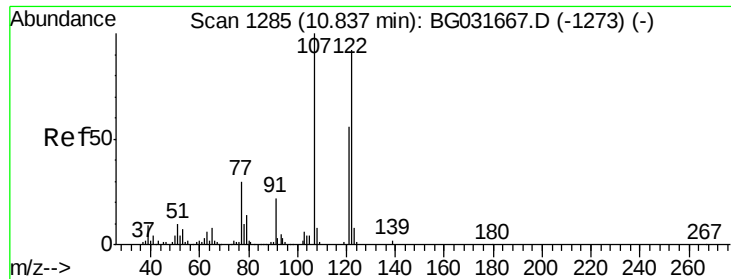
Ion Ratio Lower Upper

139 100

109 30.4 24.2 36.2

65 42.2 47.4 71.0#

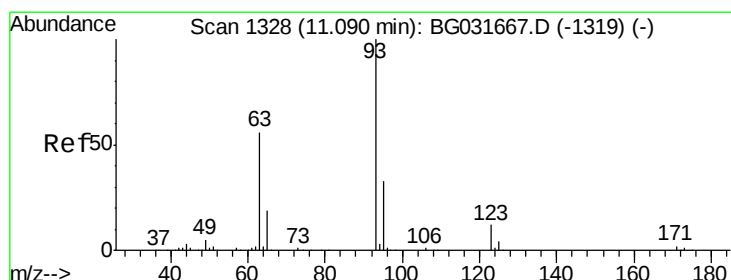
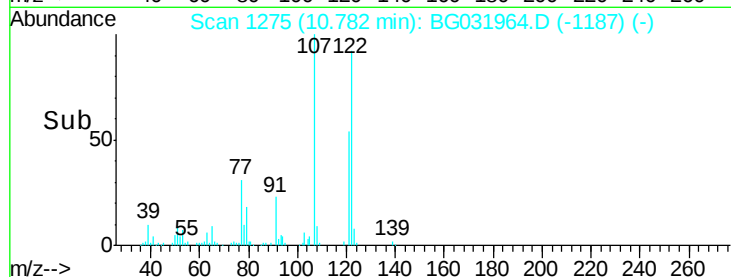
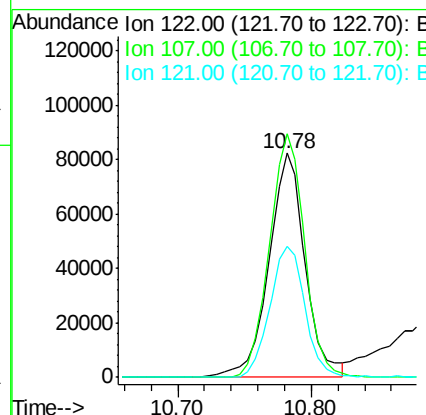
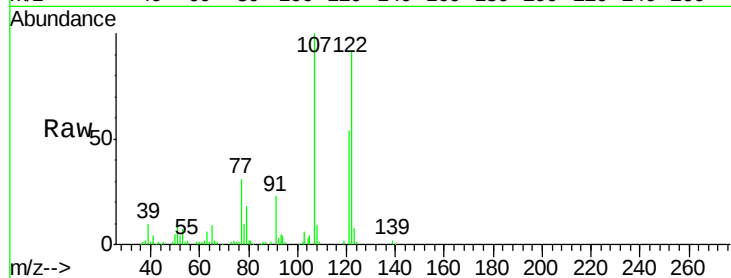




#27
 2,4-Dimethylphenol
 Concen: 37.357 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

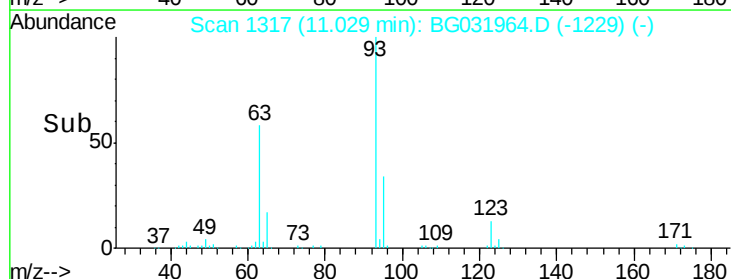
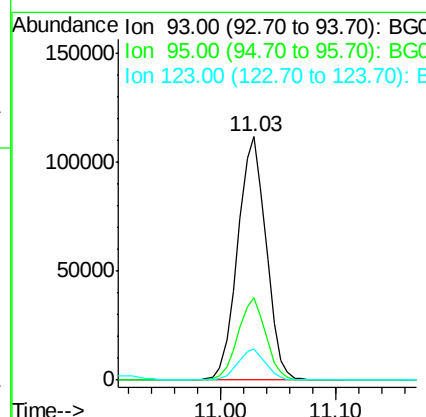
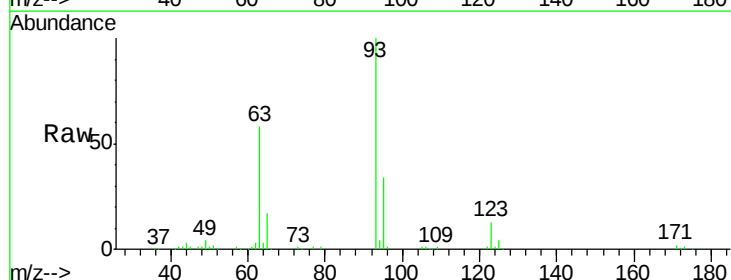
Instrument :
 BNA_G
 ClientSampleId :

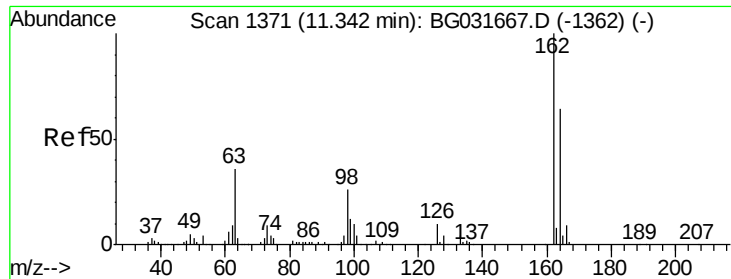
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.6	100.2	150.2
121	58.3	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.138 ng
 RT: 11.03 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	24.3	36.5
123	12.7	8.4	12.6#

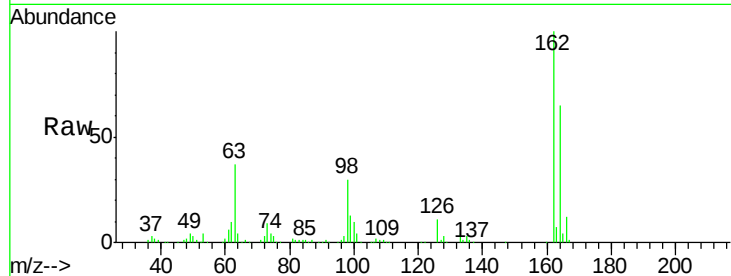




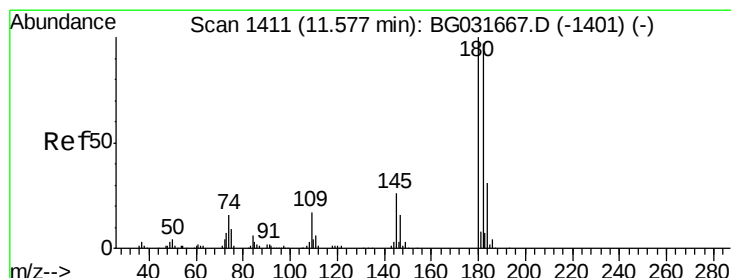
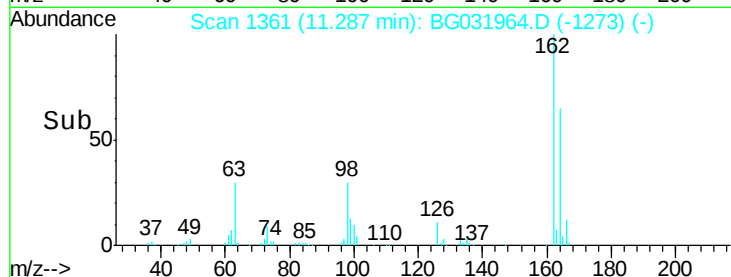
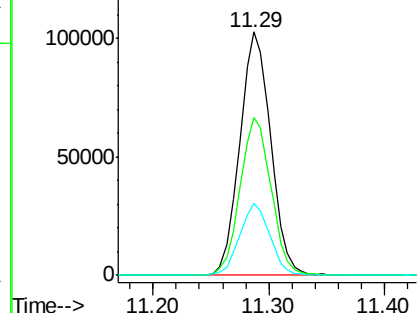
#29
2,4-Dichlorophenol
Concen: 39.050 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	48.0	88.0
98	29.6	21.1	61.1

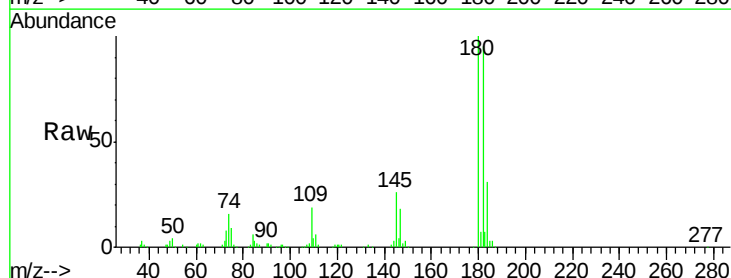


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

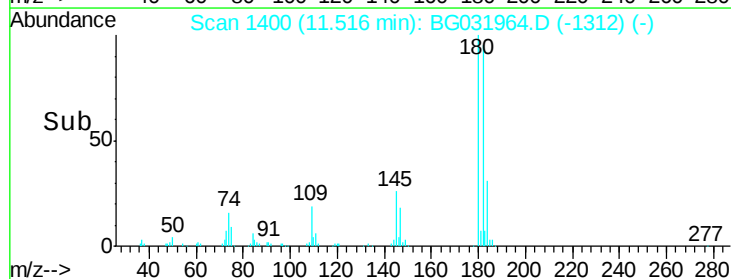
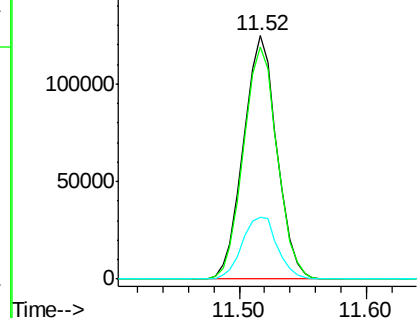


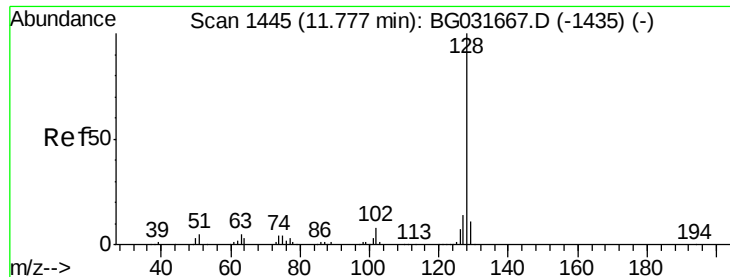
#30
1,2,4-Trichlorobenzene
Concen: 38.185 ng
RT: 11.52 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.5	116.3
145	25.6	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

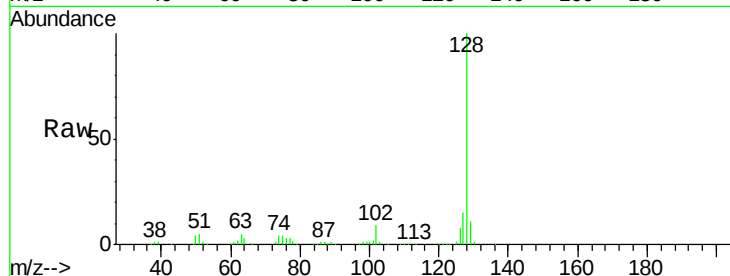




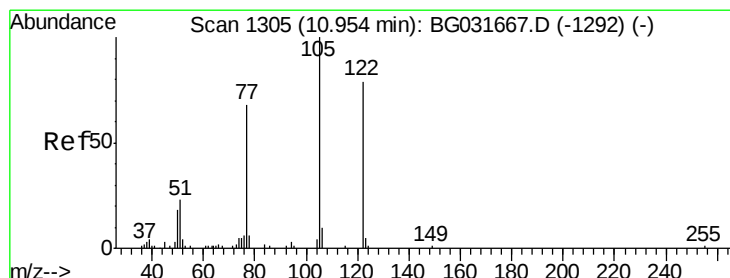
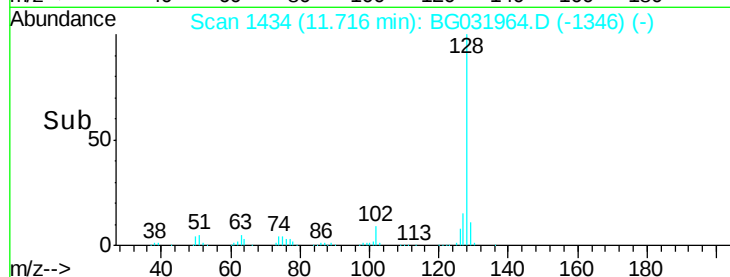
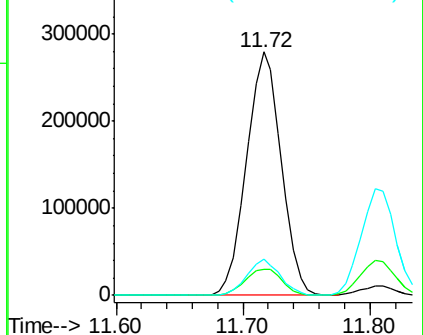
#31
Naphthalene
Concen: 38.233 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 532150
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 14.9 11.6 17.4

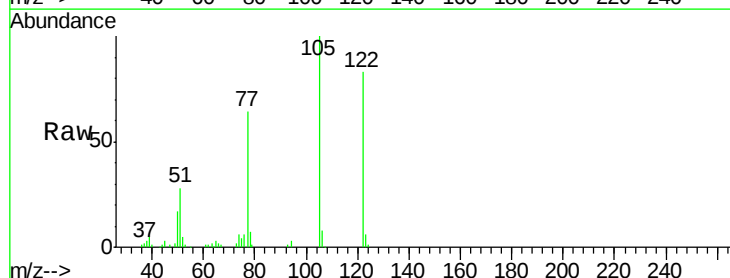


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

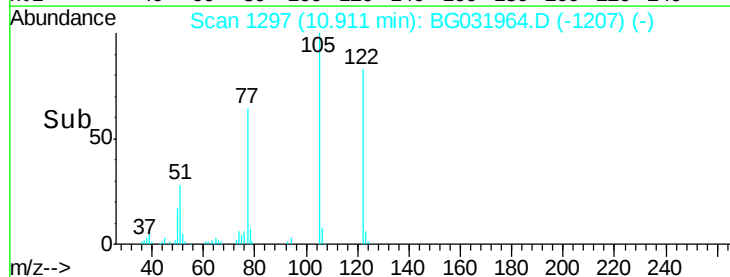
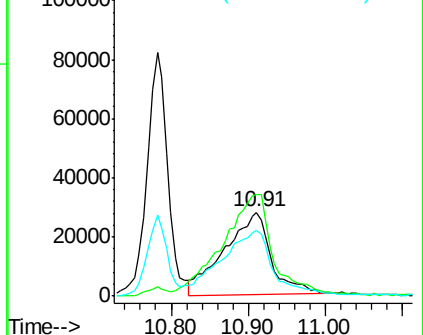


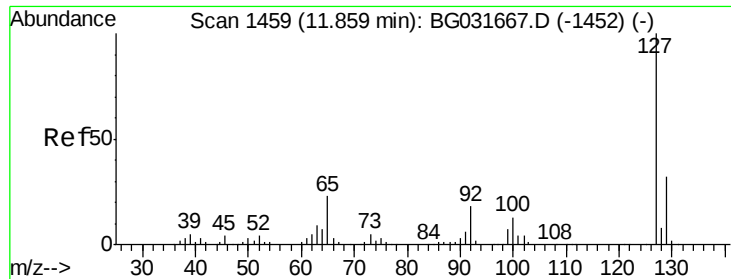
#32
Benzoic acid
Concen: 42.534 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion:122 Resp: 117950
Ion Ratio Lower Upper
122 100
105 121.1 123.5 163.5#
77 77.7 85.7 125.7#



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

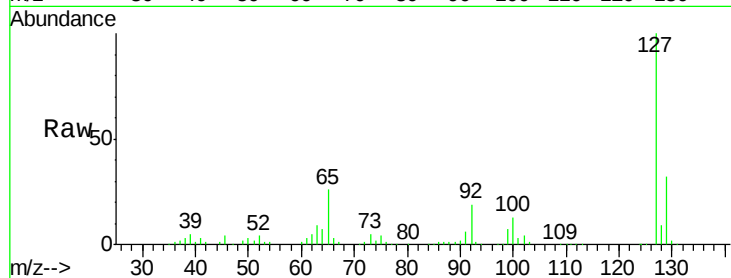




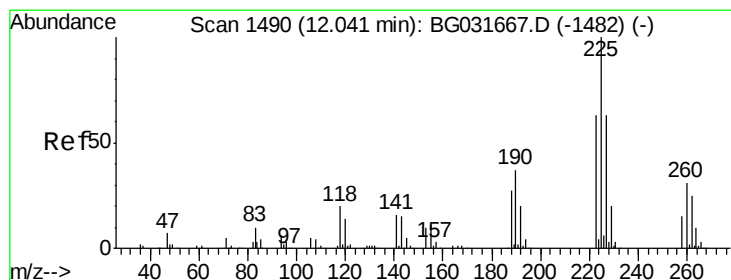
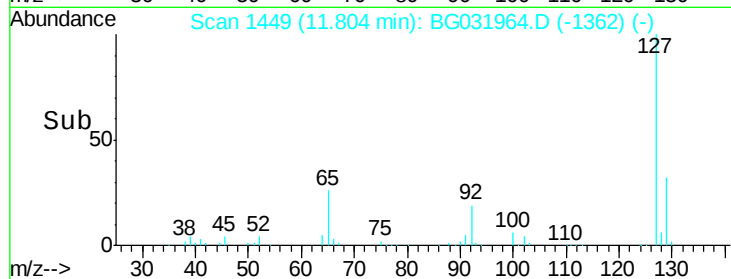
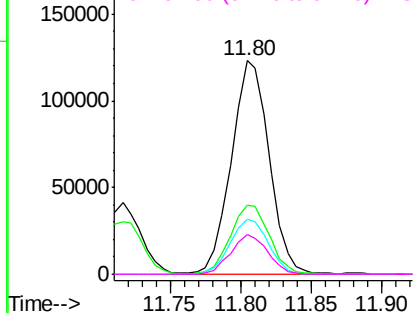
#33
4-Chloroaniline
Concen: 36.939 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	228900
Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.0	36.0
65	25.6	27.0	40.4#
92	18.7	16.6	25.0

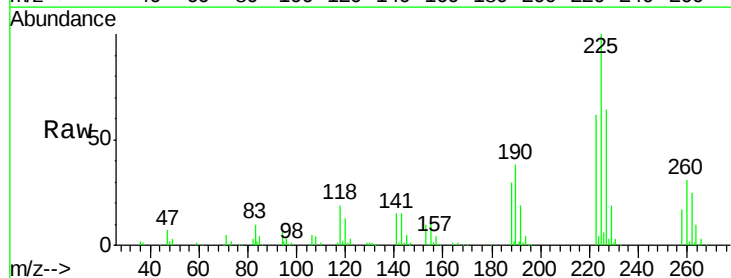


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

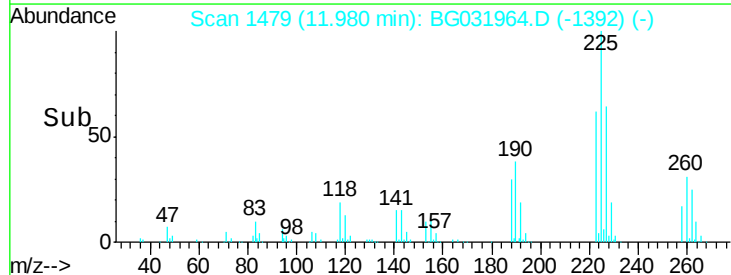
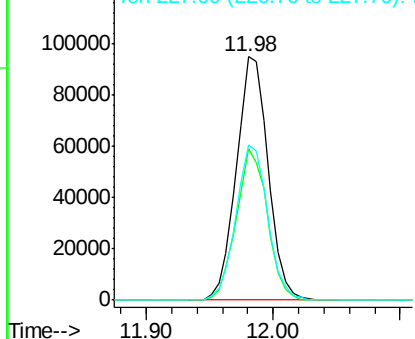


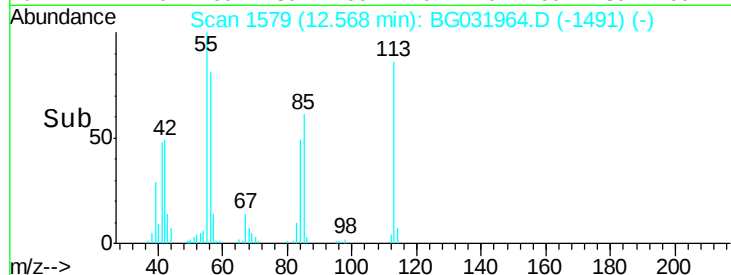
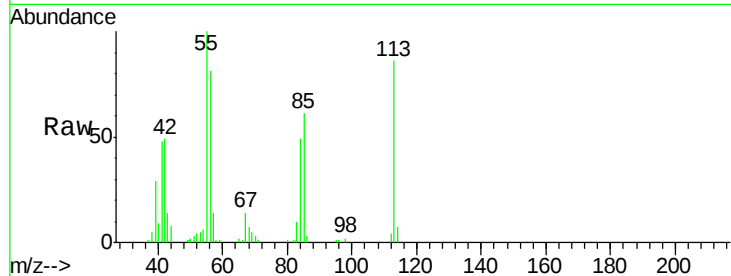
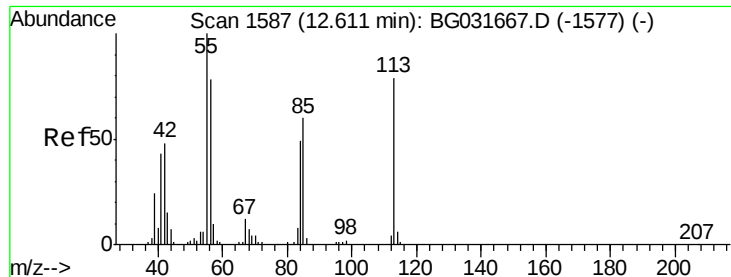
#34
Hexachlorobutadiene
Concen: 40.419 ng
RT: 11.98 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion:	225	Resp:	165185
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	63.7	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: 40.313 ng

RT: 12.57 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

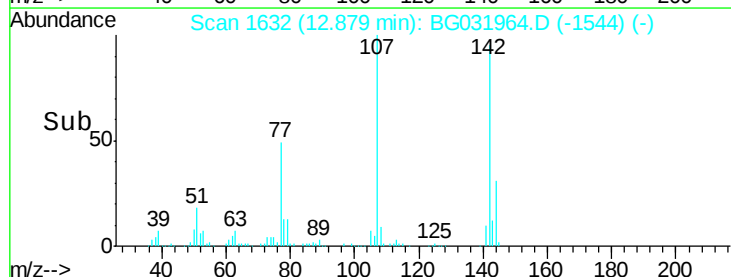
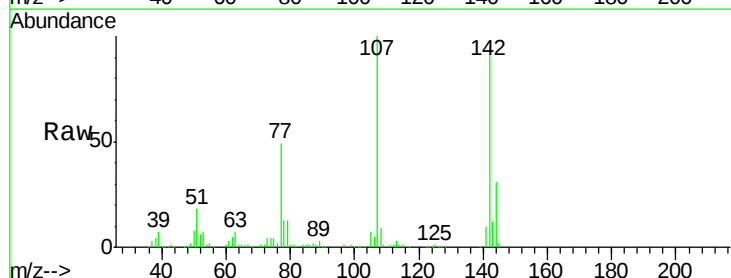
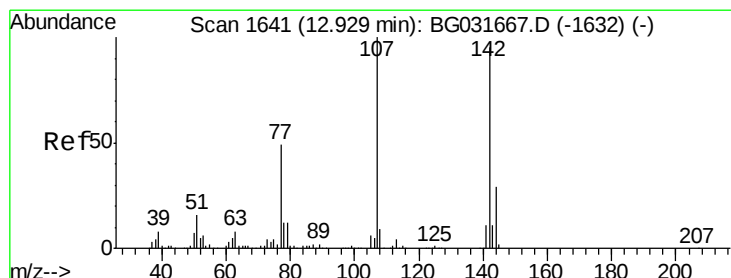
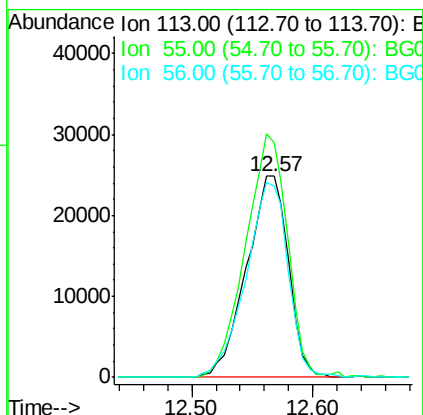
Tot Ion:113 Resp: 59577

Ion Ratio Lower Upper

113 100

55 116.8 186.9 226.9#

56 94.9 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 39.420 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

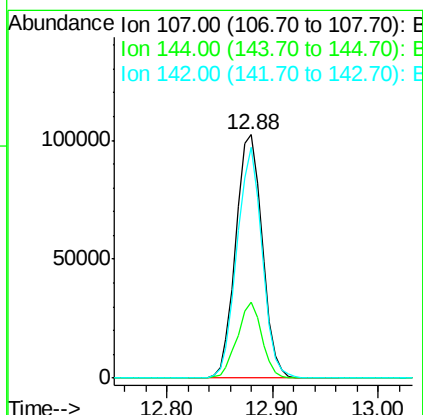
Tgt Ion:107 Resp: 177501

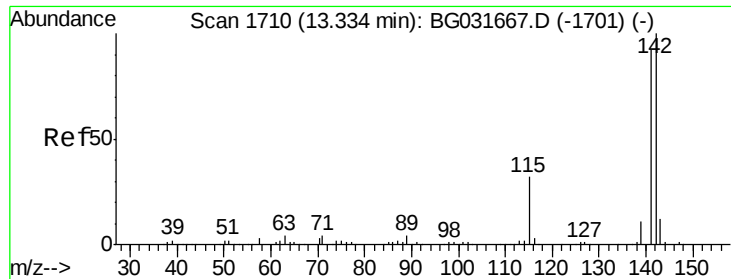
Ion Ratio Lower Upper

107 100

144 31.0 18.2 27.4#

142 94.6 59.0 88.4#

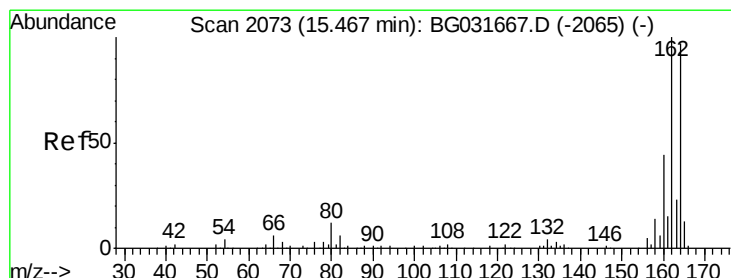
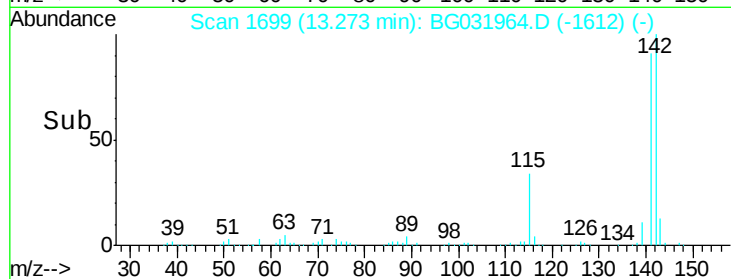
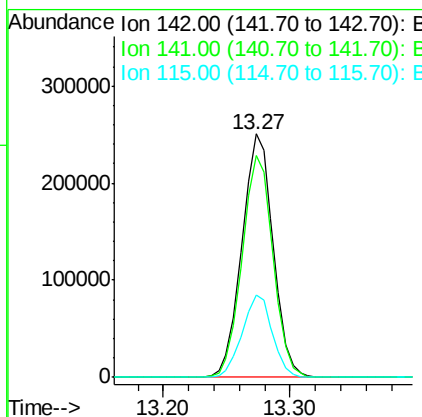
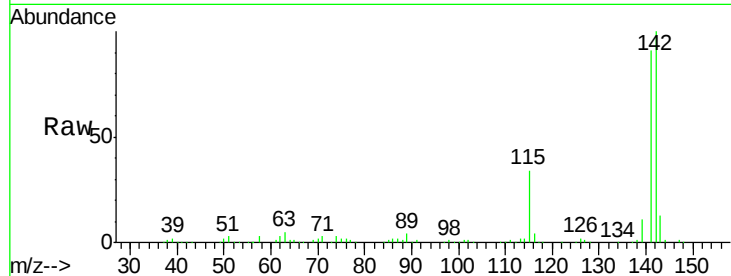




#37
 2-Methylnaphthalene
 Concen: 37.785 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.02 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

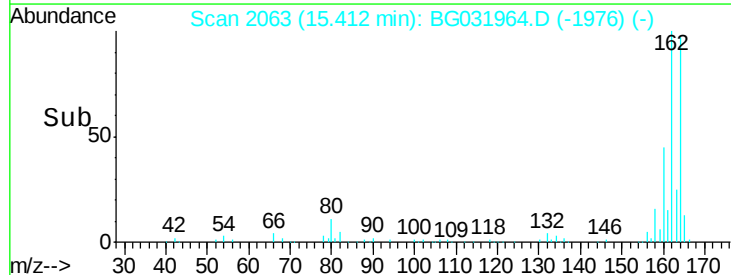
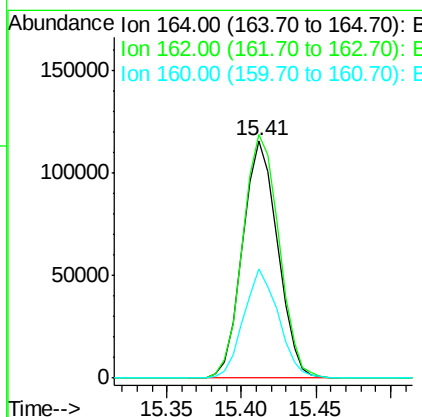
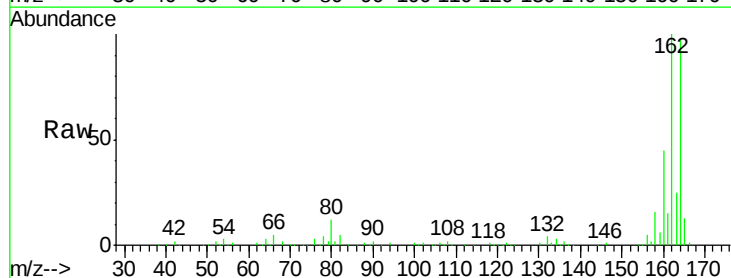
Instrument :
 BNA_G
 ClientSampleId :

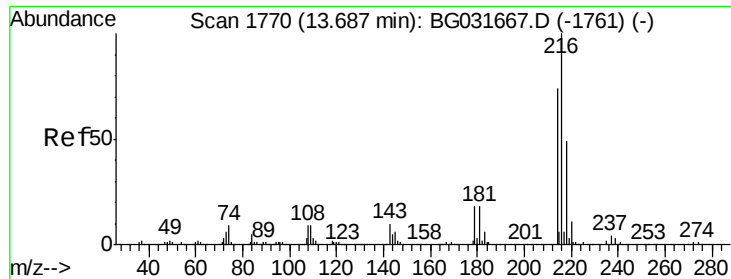
Tot Ion:142 Resp: 426340
 Ion Ratio Lower Upper
 142 100
 141 91.2 67.1 100.7
 115 34.0 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.02 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion:164 Resp: 188006
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.8 118.2
 160 46.2 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.361 ng

RT: 13.63 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BG031964.D

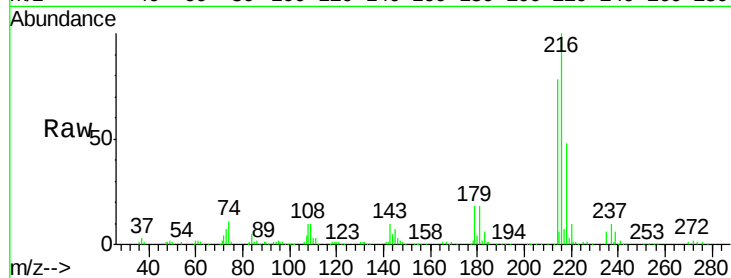
Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampled :

Tot Ion:	216	Resp:	303782
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.0	94.4
179	18.7	17.0	25.6
108	11.2	12.8	19.2#

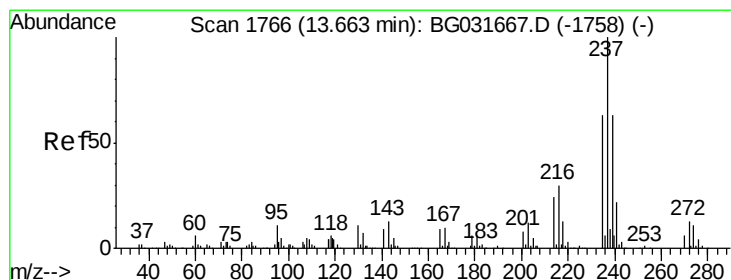
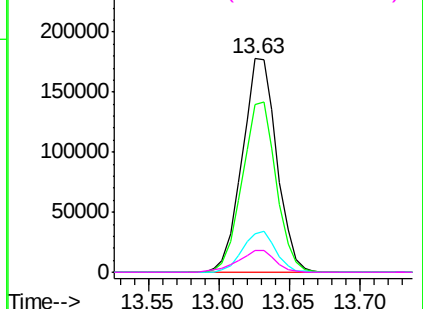
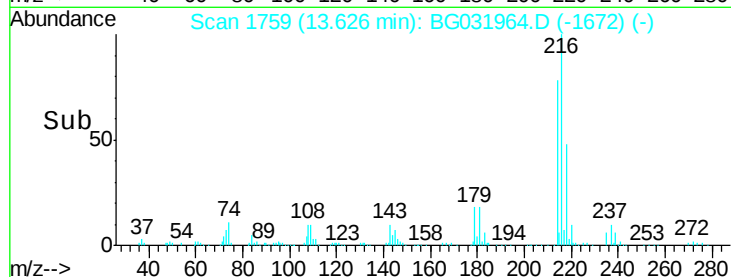


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.178 ng

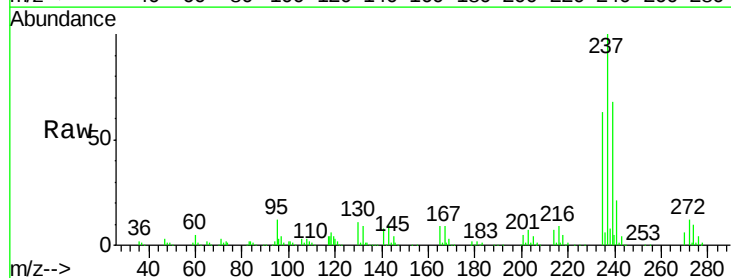
RT: 13.60 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

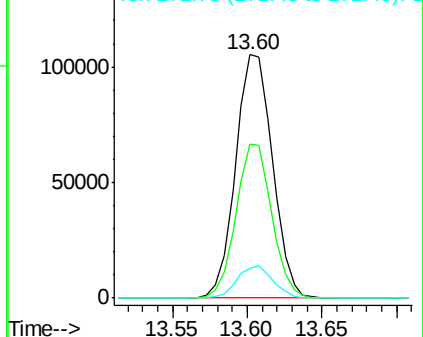
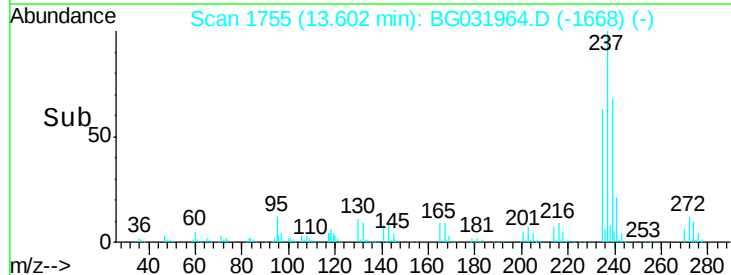
Tgt Ion:	237	Resp:	180381
Ion Ratio	Lower	Upper	
237	100		
235	63.3	50.4	90.4
272	12.4	0.0	31.8

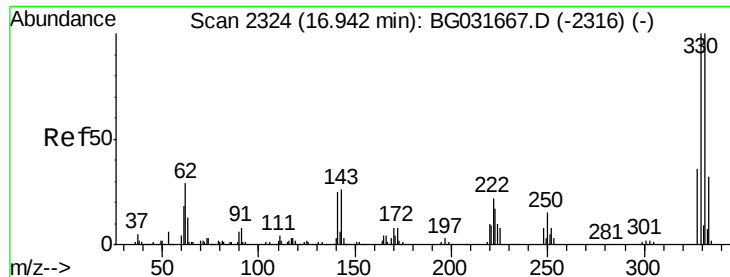


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

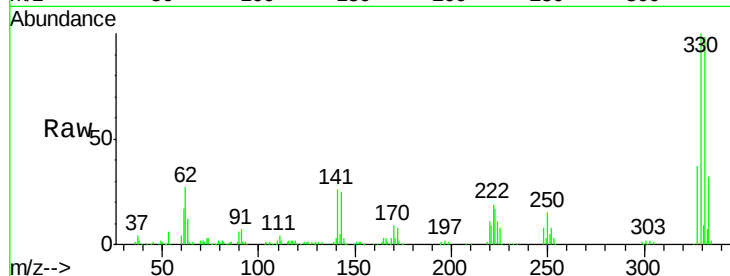




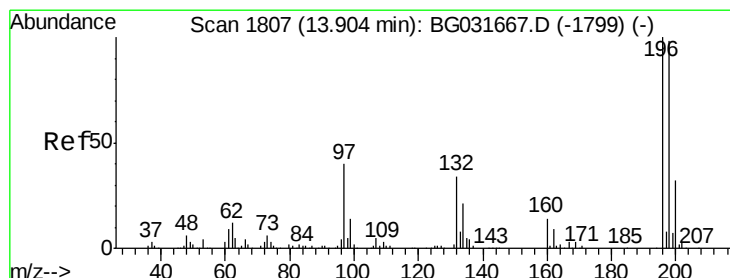
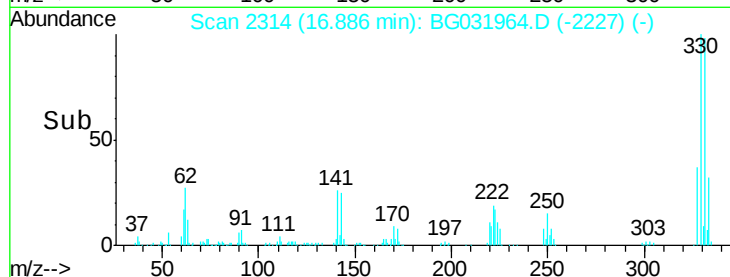
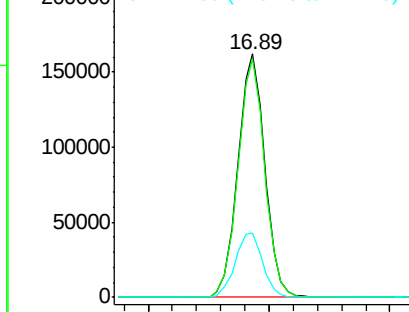
#41
 2,4,6-Tribromophenol
 Concen: 87.839 ng
 RT: 16.89 min Scan# 2314
 Delta R.T. -0.02 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	27.0	25.2	37.8

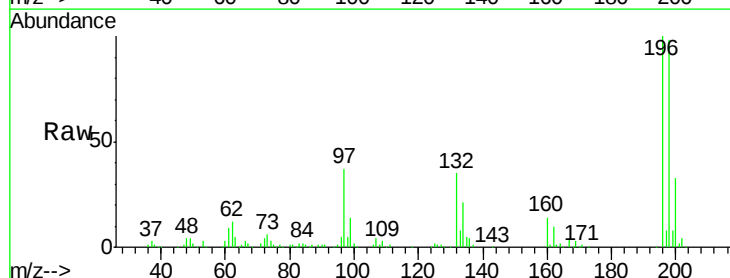


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

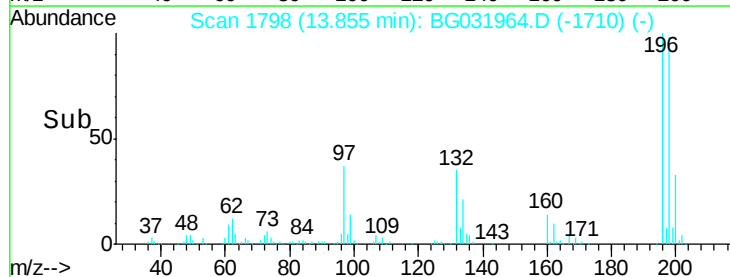
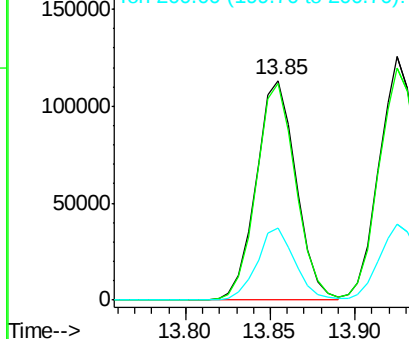


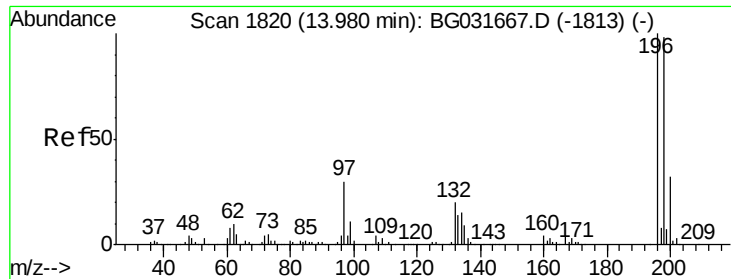
#42
 2,4,6-Trichlorophenol
 Concen: 40.734 ng
 RT: 13.85 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	78.2	117.2
200	32.9	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

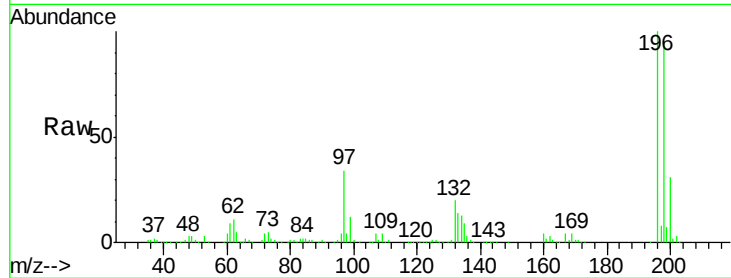




#43
2,4,5-Trichlorophenol
Concen: 40.990 ng
RT: 13.93 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.4
97	33.8	38.7	58.1
132	20.4	20.2	30.2



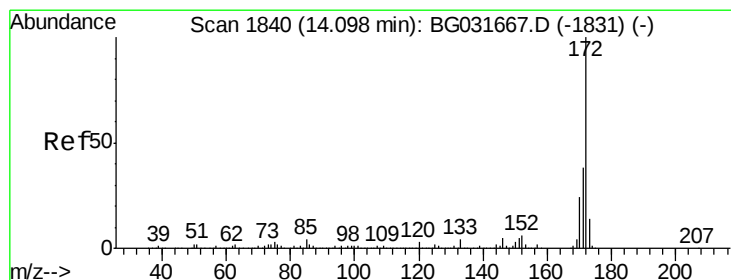
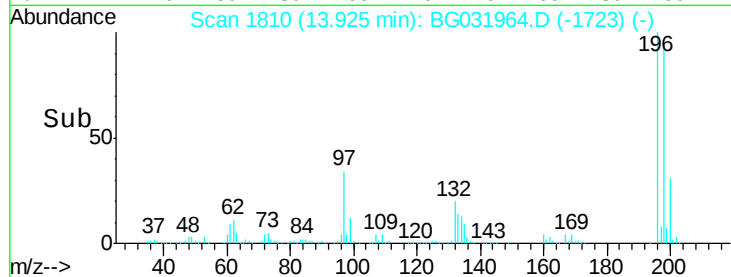
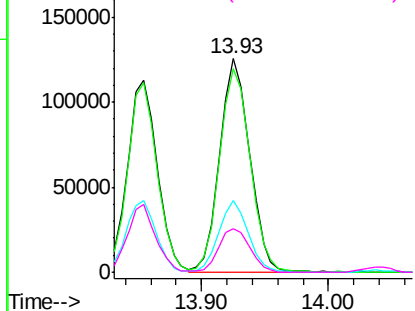
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

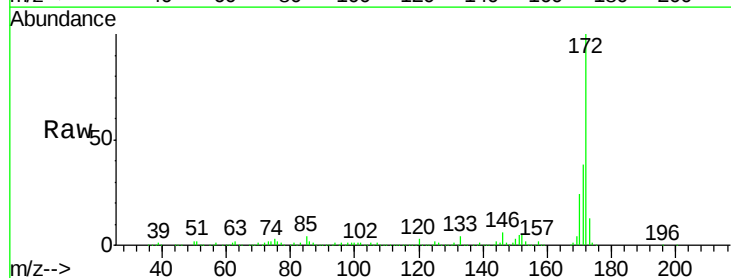
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 74.253 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.4	19.5	29.3

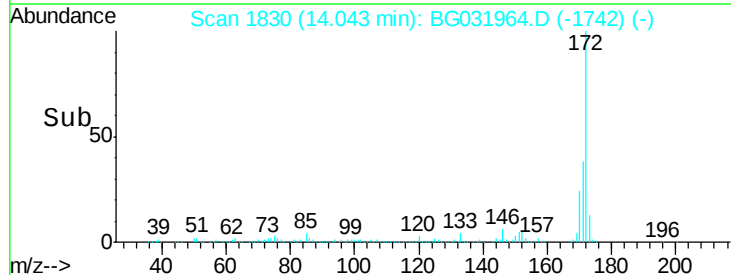
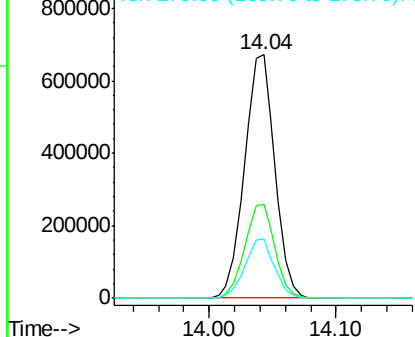


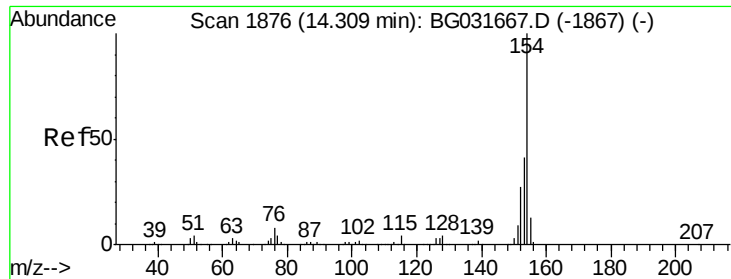
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

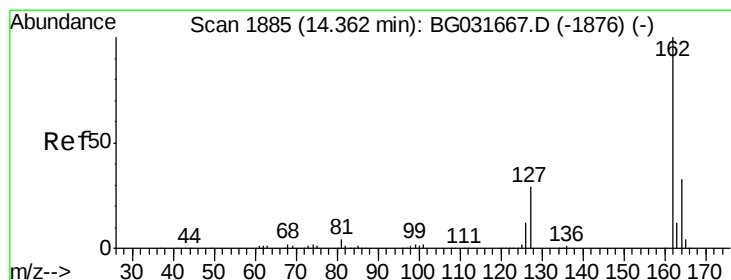
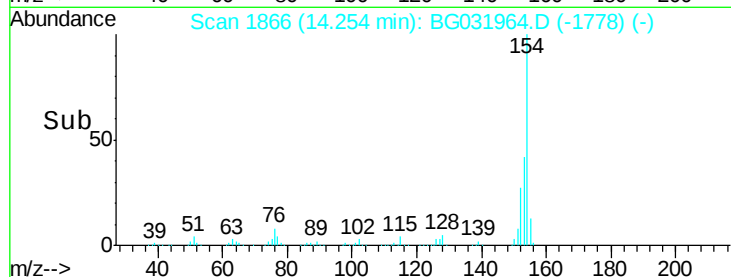
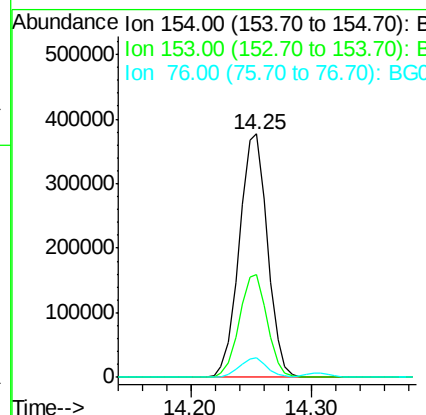
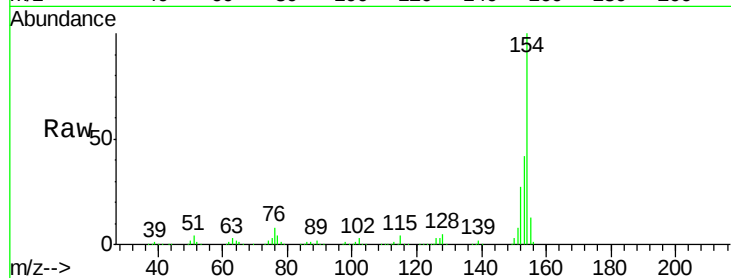




#45
 1,1'-Biphenyl
 Concen: 38.121 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

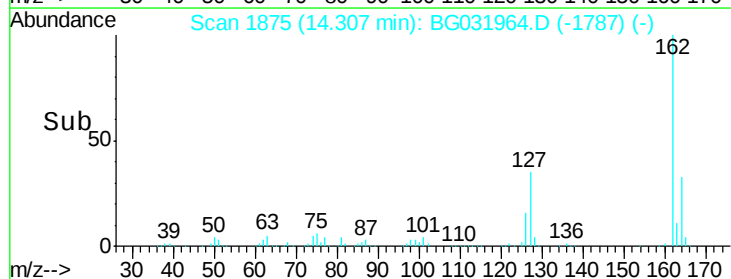
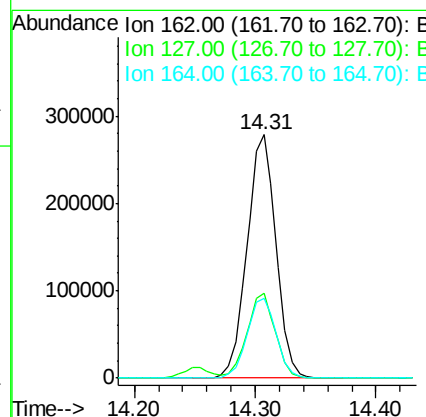
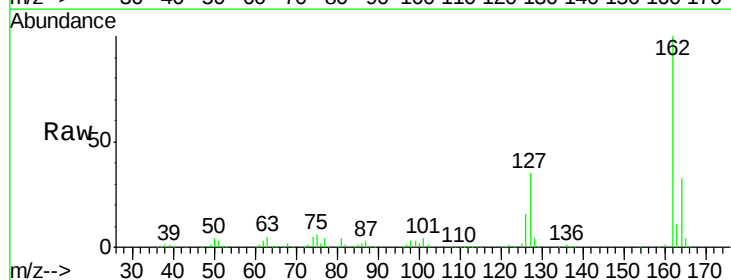
Instrument :
 BNA_G
 ClientSampled :

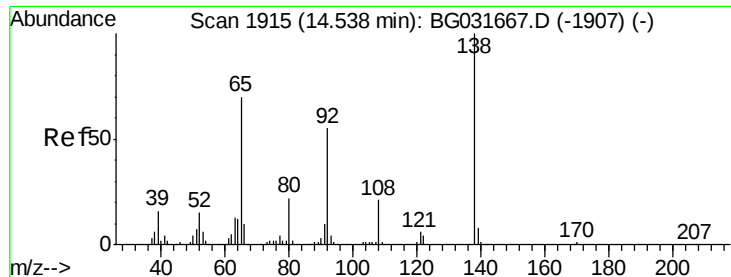
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	19.8	59.8
76	7.9	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 37.828 ng
 RT: 14.31 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.0	30.7	46.1
164	32.6	26.0	39.0

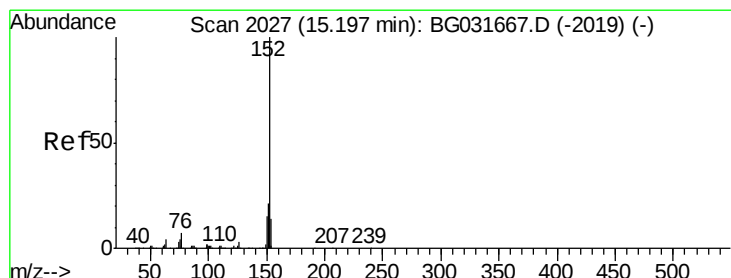
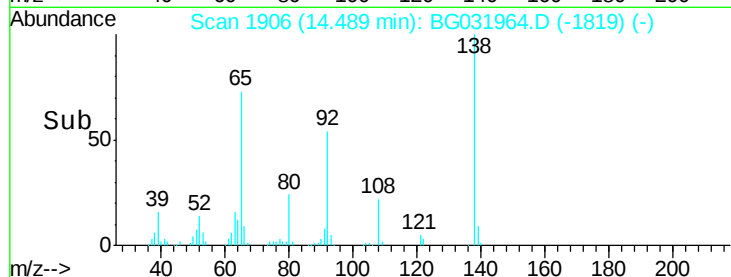
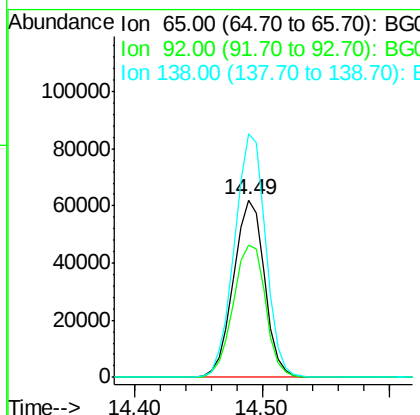
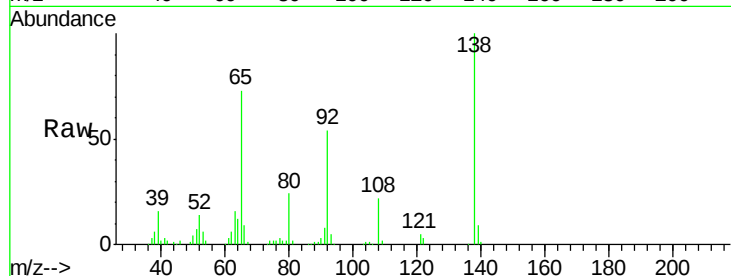




#47
2-Nitroaniline
Concen: 49.426 ng
RT: 14.49 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

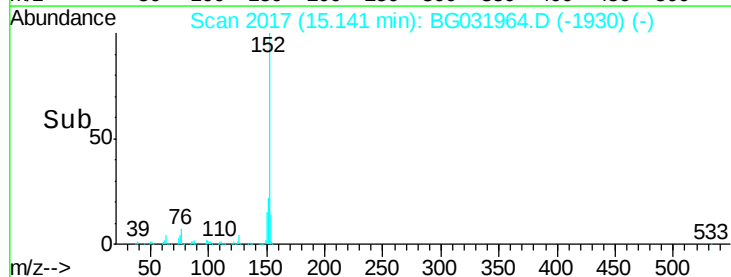
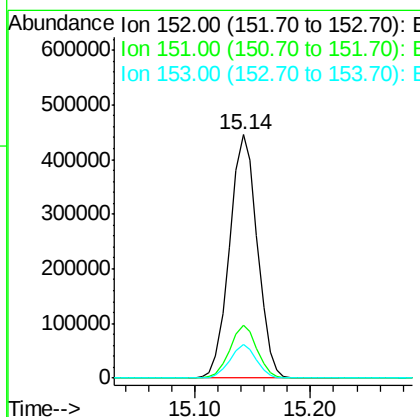
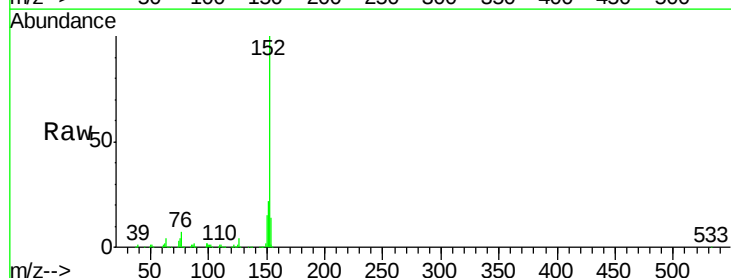
Instrument :
BNA_G
ClientSampled :

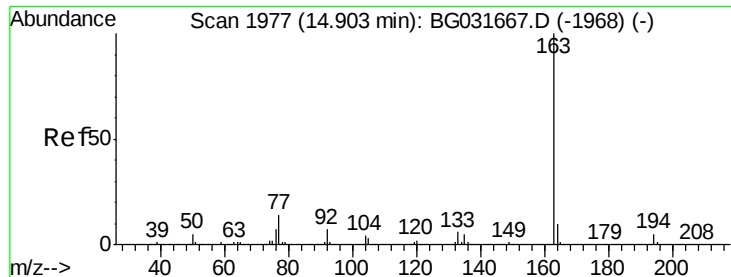
Tot Ion: 65 Resp: 104552
Ion Ratio Lower Upper
65 100
92 74.8 54.6 82.0
138 137.5 72.9 109.3#



#48
Acenaphthylene
Concen: 37.660 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion: 152 Resp: 737938
Ion Ratio Lower Upper
152 100
151 21.6 17.2 25.8
153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 37.737 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

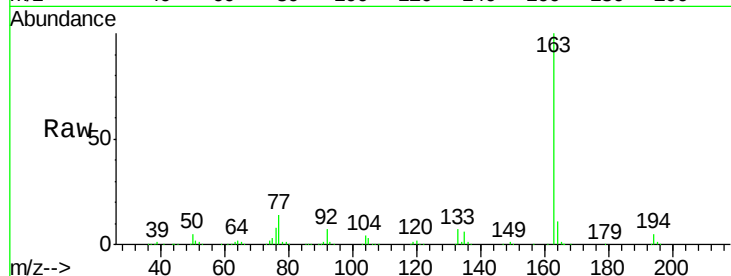
Tot Ion:163 Resp: 625026

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

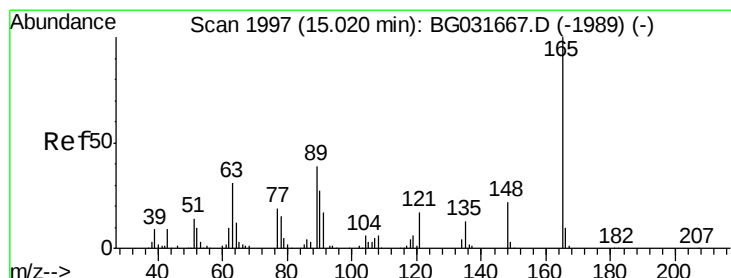
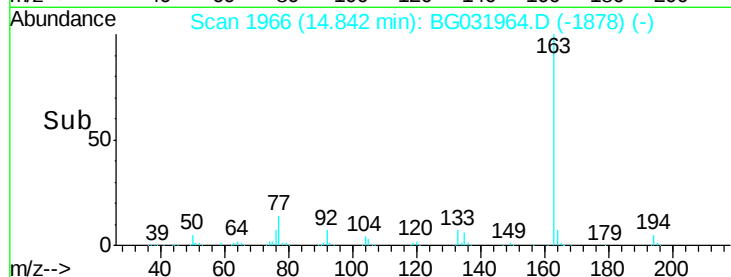
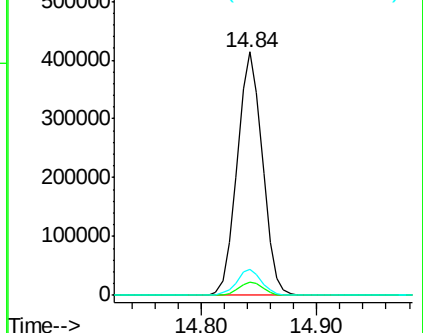
164 10.9 8.2 12.4



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: 45.537 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

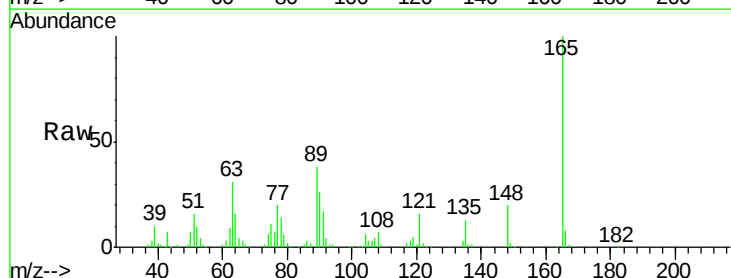
Tgt Ion:165 Resp: 138745

Ion Ratio Lower Upper

165 100

63 30.8 52.7 79.1#

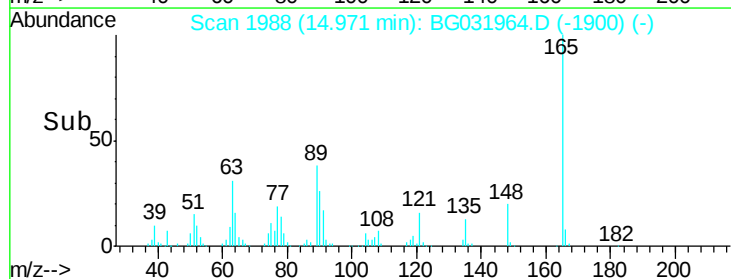
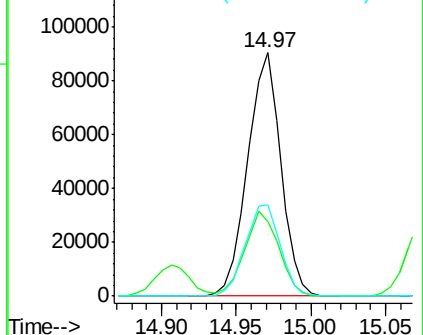
89 37.5 49.2 73.8#

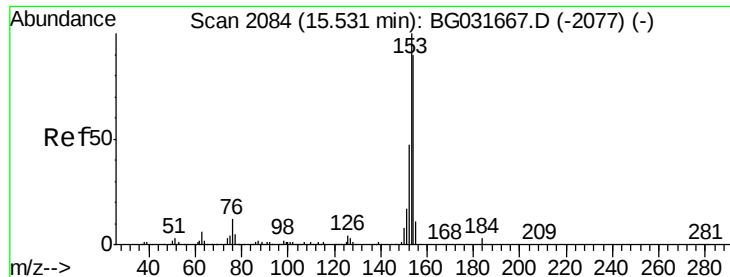


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.417 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.02 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

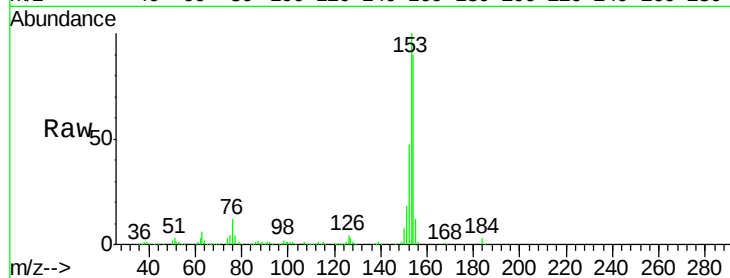
Tot Ion:154 Resp: 505834

Ion Ratio Lower Upper

154 100

153 110.6 90.4 135.6

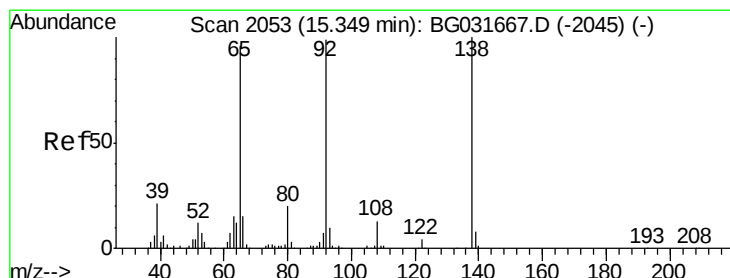
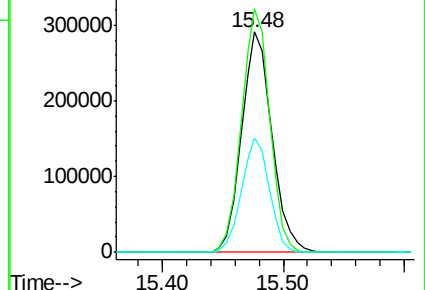
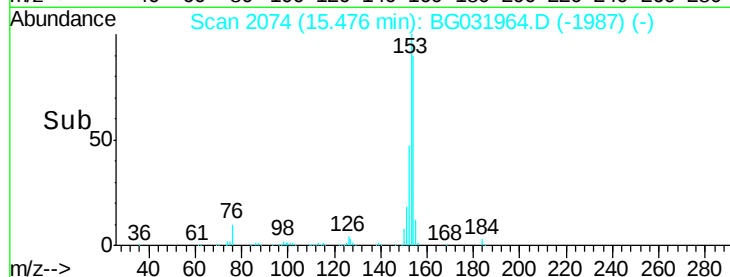
152 51.9 41.6 62.4



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: 45.622 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

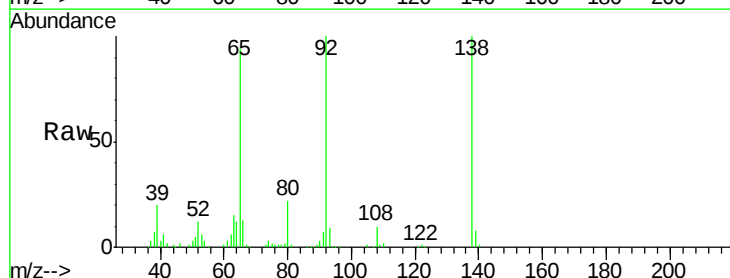
Tgt Ion:138 Resp: 135619

Ion Ratio Lower Upper

138 100

108 10.4 17.5 26.3#

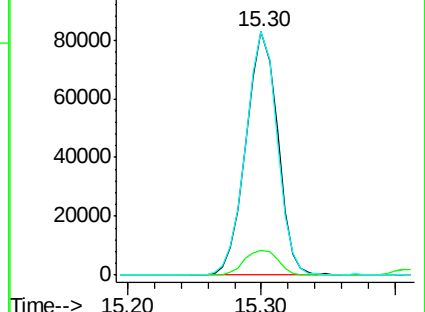
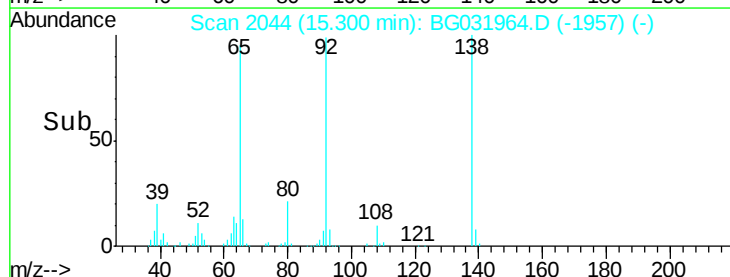
92 100.1 105.8 158.8#

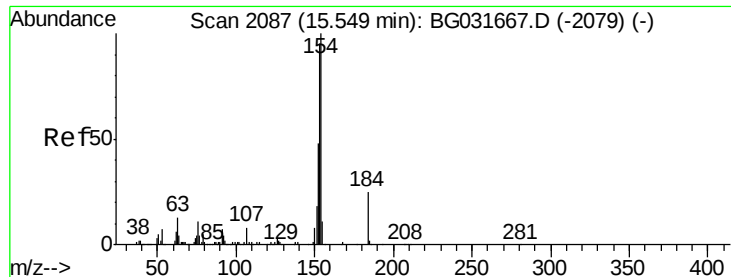


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

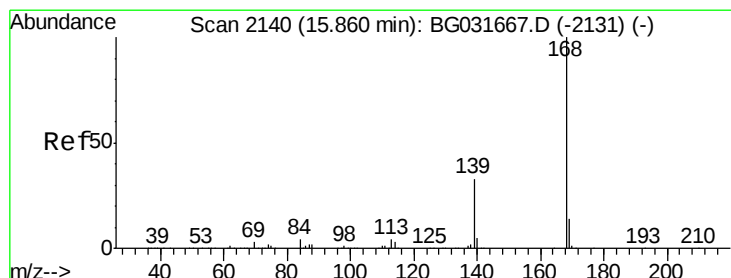
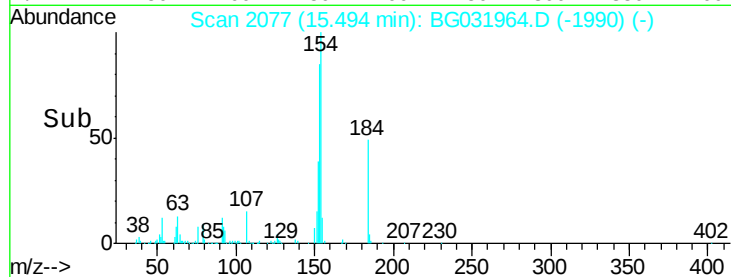
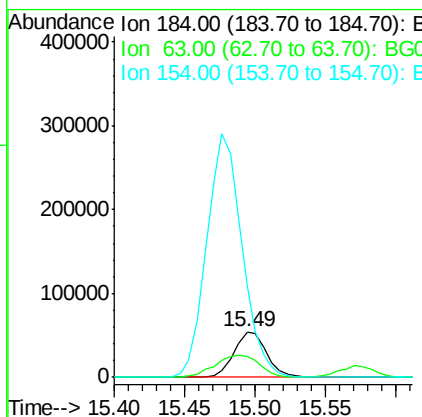
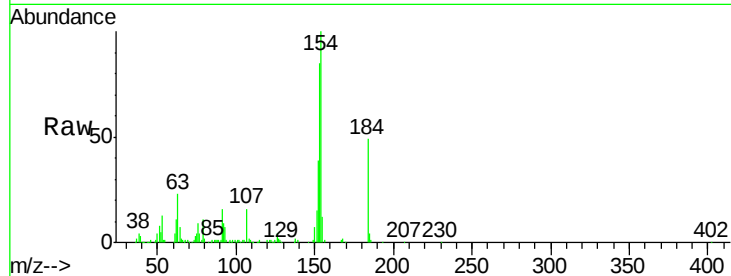




#53
2,4-Dinitrophenol
Concen: 69.065 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

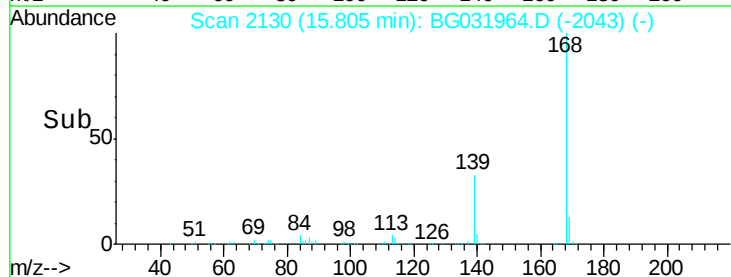
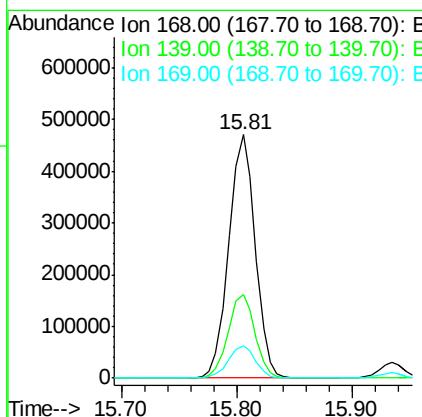
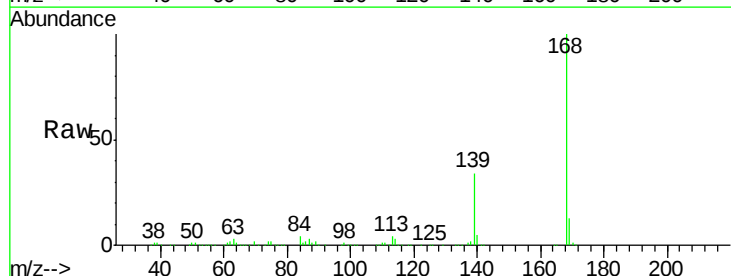
Instrument :
BNA_G
ClientSampleId :

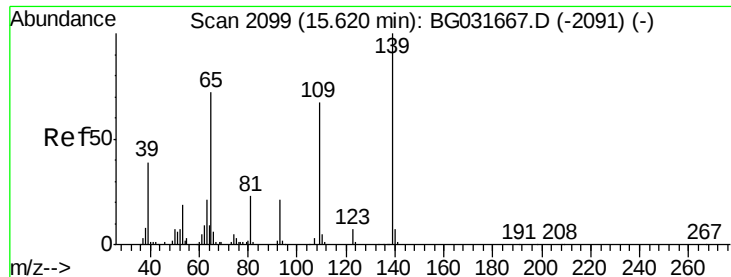
Tot Ion:184 Resp: 87903
Ion Ratio Lower Upper
184 100
63 45.7 59.8 89.8#
154 202.5 101.8 152.8#



#54
Dibenzofuran
Concen: 37.831 ng
RT: 15.81 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion:168 Resp: 744195
Ion Ratio Lower Upper
168 100
139 34.4 28.6 43.0
169 13.5 11.2 16.8

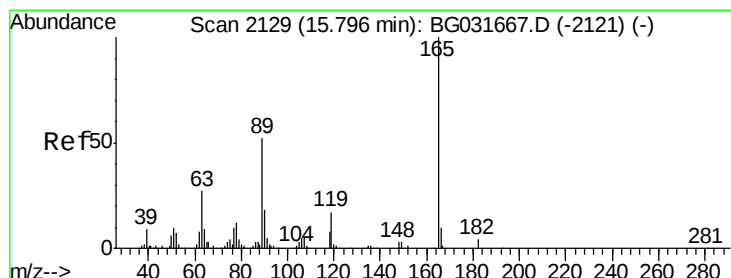
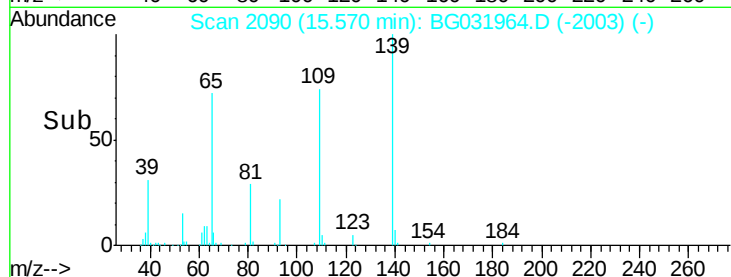
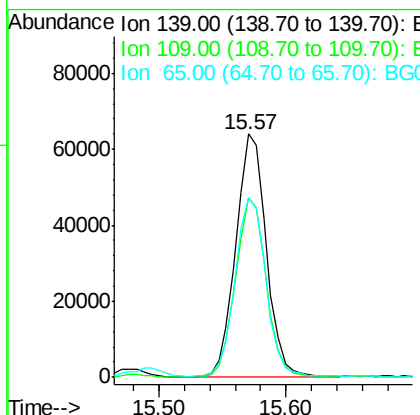
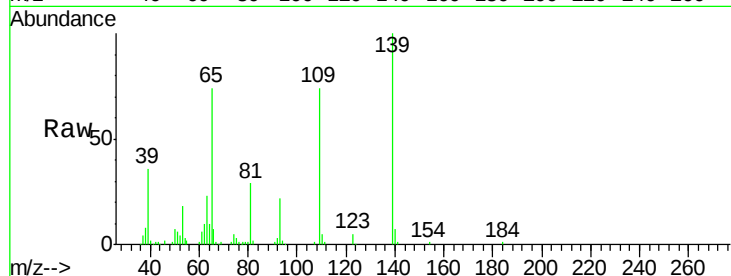




#55
4-Nitrophenol
Concen: 44.163 ng
RT: 15.57 min Scan# 2090
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

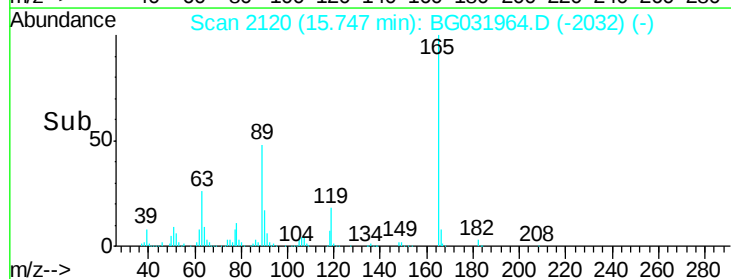
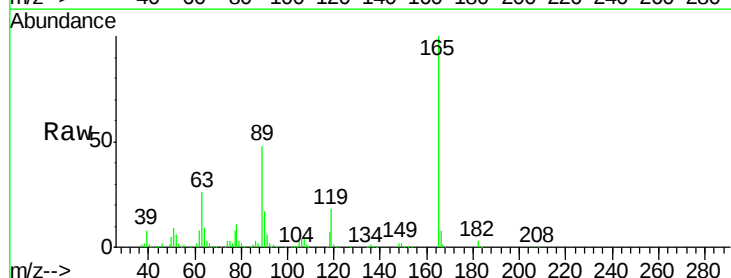
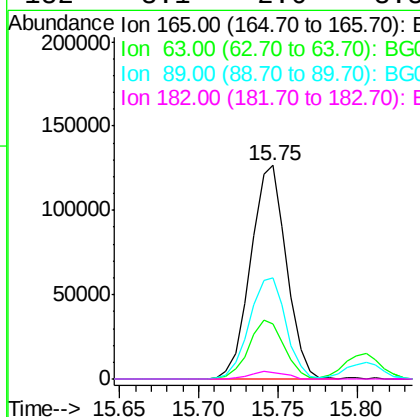
Instrument :
BNA_G
ClientSampleId :

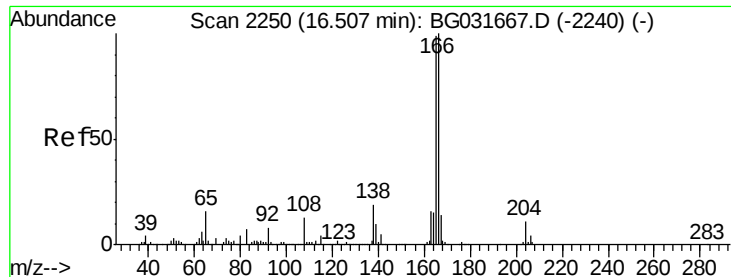
Tot Ion	Ratio	Lower	Upper
139	100		
109	74.0	62.2	102.2
65	73.6	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 50.499 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	25.7	42.0	63.0#
89	47.6	66.9	100.3#
182	3.1	2.6	3.8

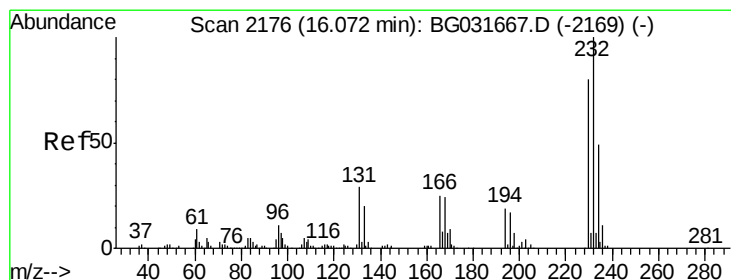
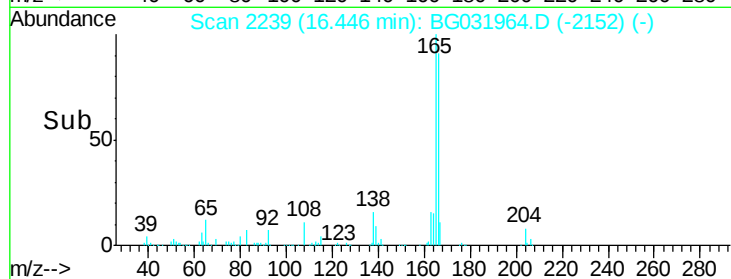
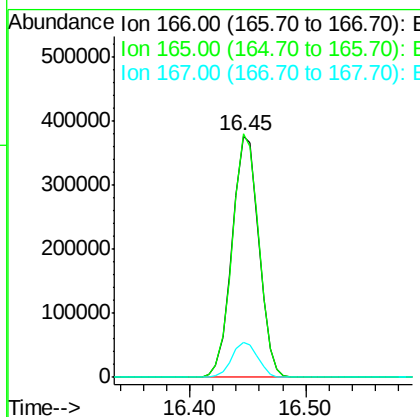
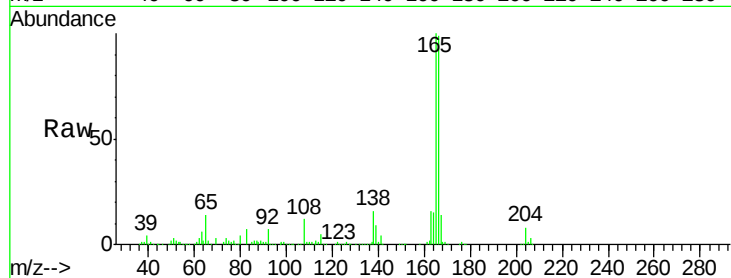




#57
 Fluorene
 Concen: 37.806 ng
 RT: 16.45 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

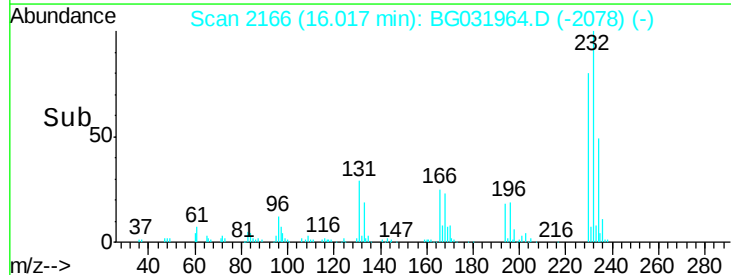
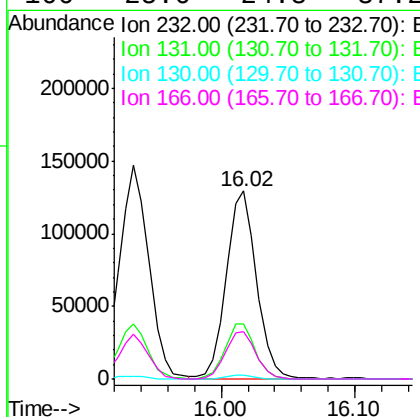
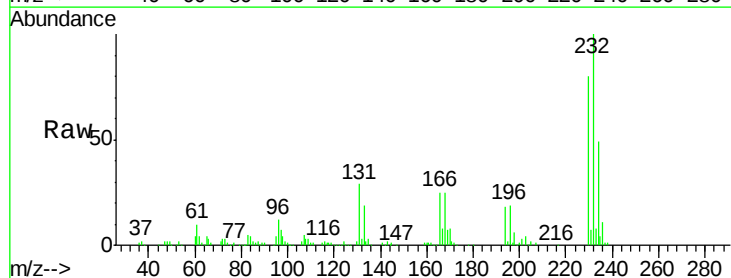
Instrument :
 BNA_G
 ClientSampleId :

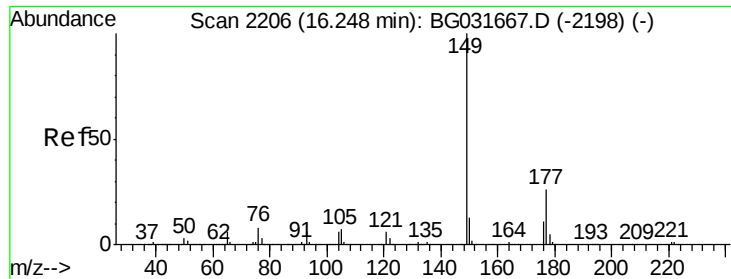
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.6	121.0
167	14.4	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.323 ng
 RT: 16.02 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.6	33.5	50.3#
130	1.8	2.2	3.2#
166	25.6	24.8	37.2

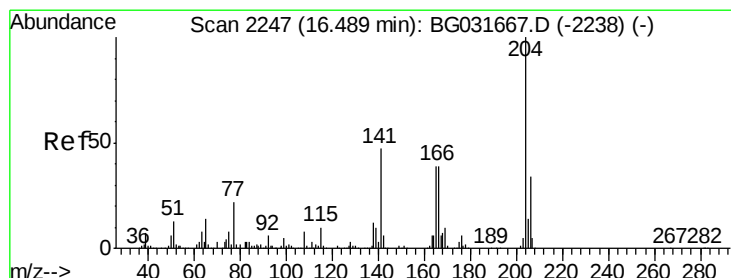
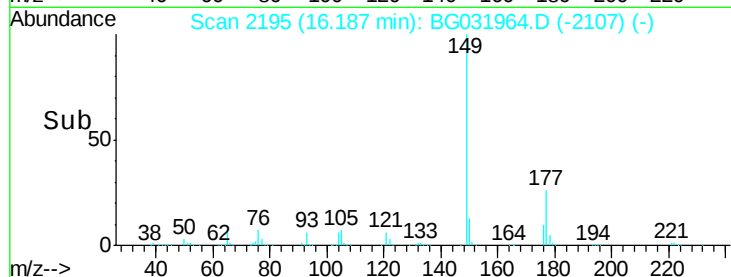
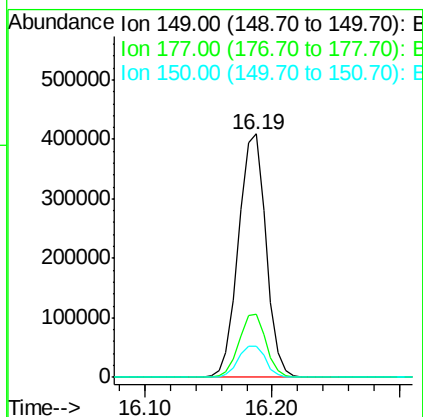
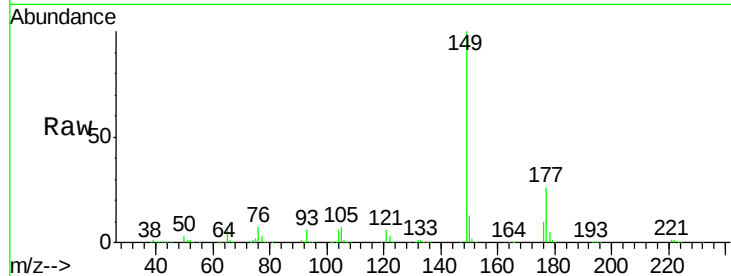




#59
Diethylphthalate
Concen: 37.913 ng
RT: 16.19 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

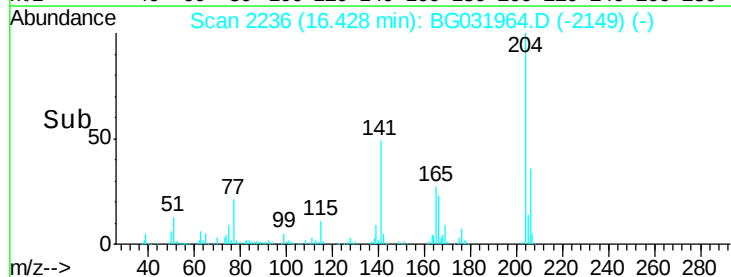
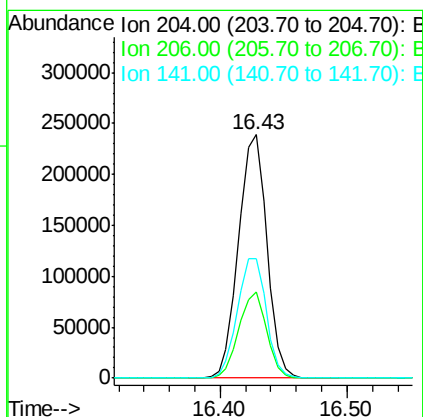
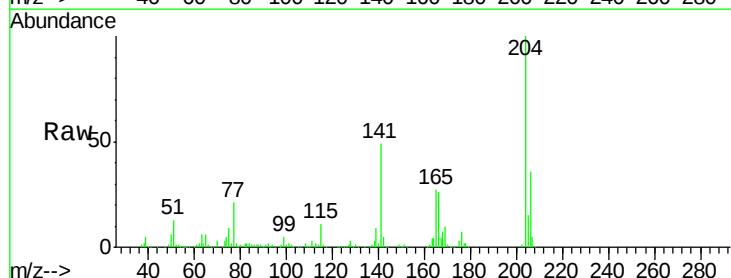
Instrument :
BNA_G
ClientSampled :

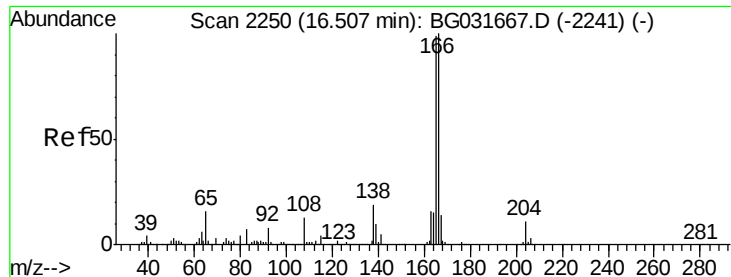
Tot Ion:149 Resp: 612023
Ion Ratio Lower Upper
149 100
177 26.1 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.847 ng
RT: 16.43 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion:204 Resp: 370064
Ion Ratio Lower Upper
204 100
206 35.5 26.2 39.2
141 49.0 45.8 68.6

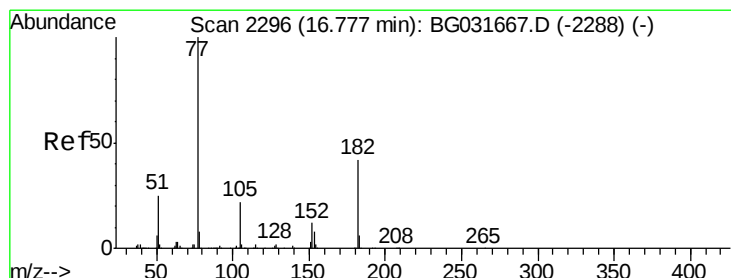
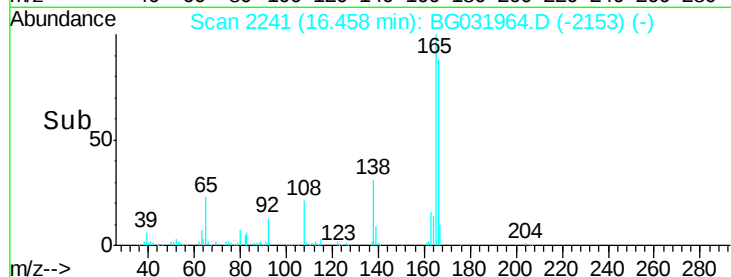
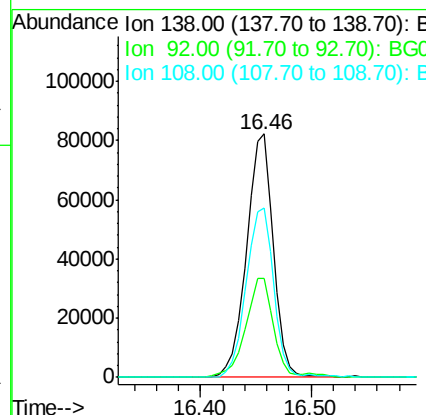
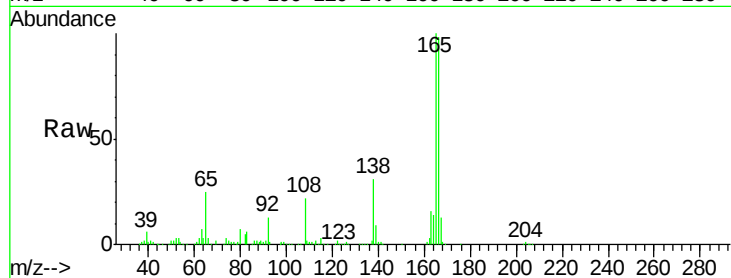




#61
4-Nitroaniline
Concen: 48.366 ng
RT: 16.46 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

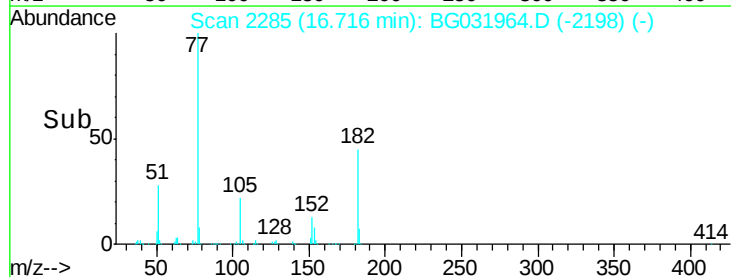
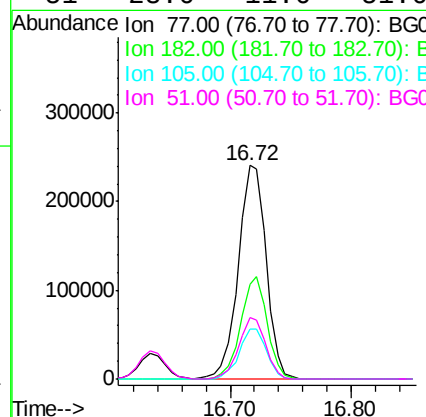
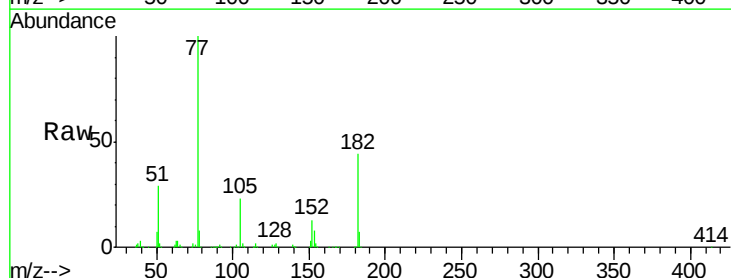
Instrument :
BNA_G
ClientSampleId :

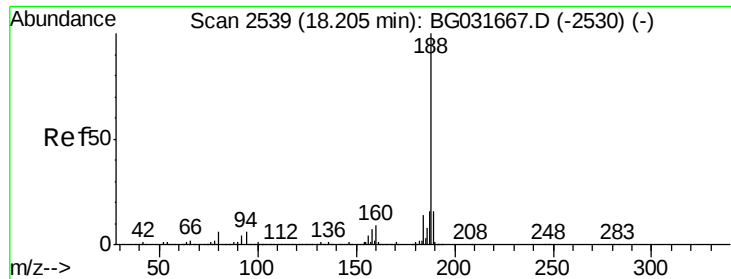
Tot Ion:138 Resp: 140302
Ion Ratio Lower Upper
138 100
92 40.7 40.1 80.1
108 69.5 65.4 105.4



#62
Azobenzene
Concen: 37.495 ng
RT: 16.72 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion: 77 Resp: 388178
Ion Ratio Lower Upper
77 100
182 44.4 7.4 47.4
105 23.5 0.3 40.3
51 28.6 11.6 51.6

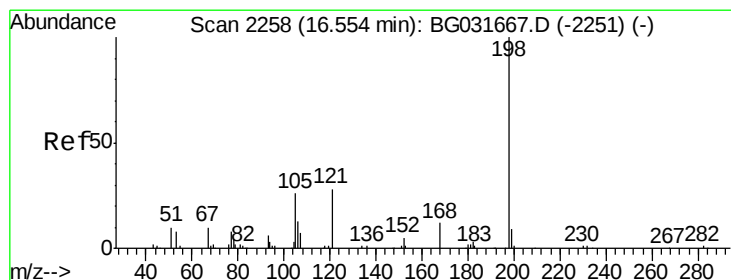
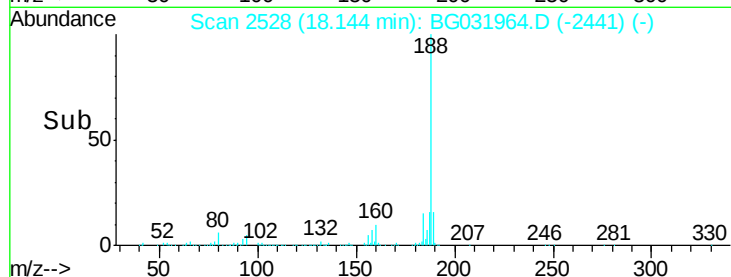
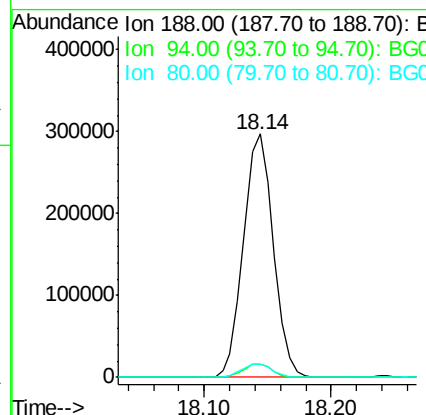
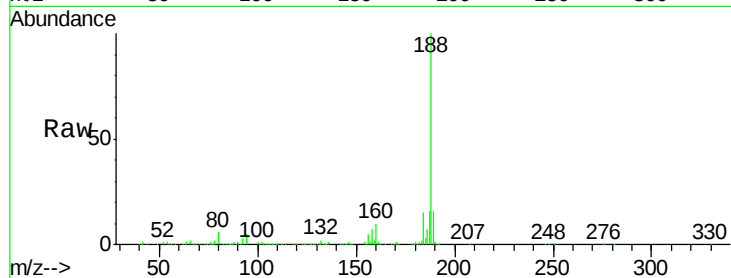




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

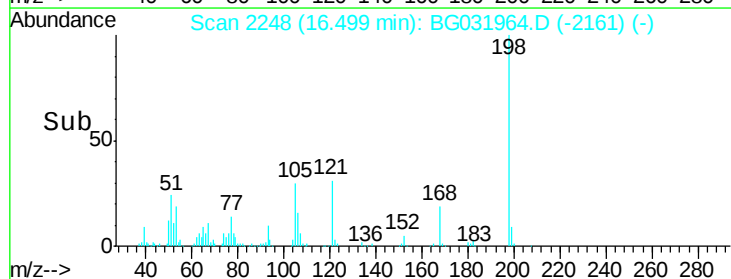
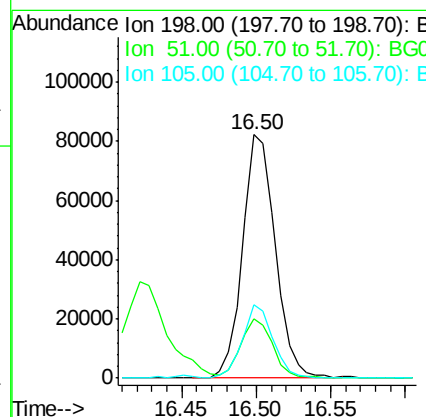
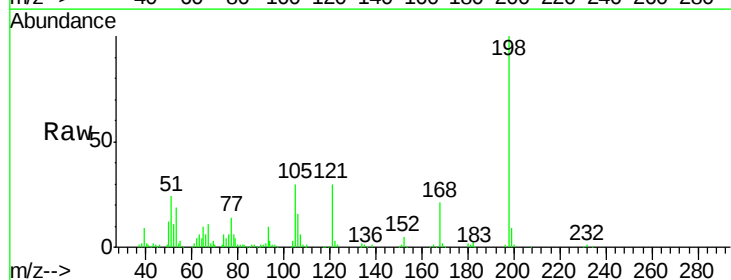
Instrument :
 BNA_G
 ClientSampleId :

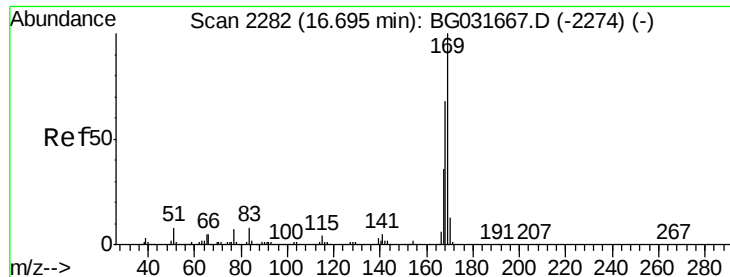
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.6	7.7	11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 52.285 ng
 RT: 16.50 min Scan# 2248
 Delta R.T. -0.02 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion	Ratio	Lower	Upper
198	100		
51	24.2	30.6	70.6#
105	29.9	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 36.660 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

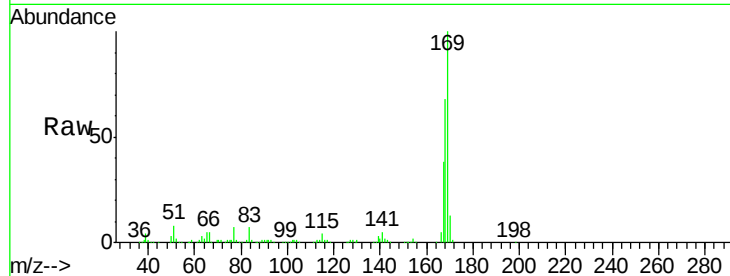
Tot Ion:169 Resp: 588724

Ion Ratio Lower Upper

169 100

168 68.3 55.7 83.5

167 37.7 30.1 45.1



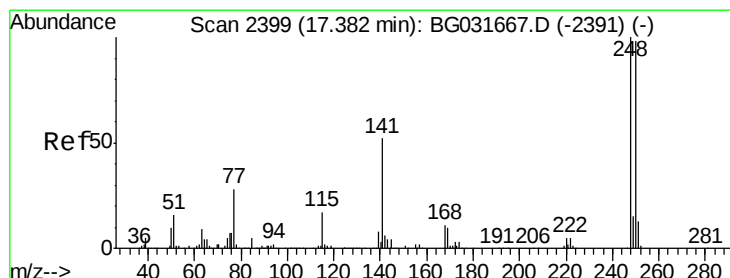
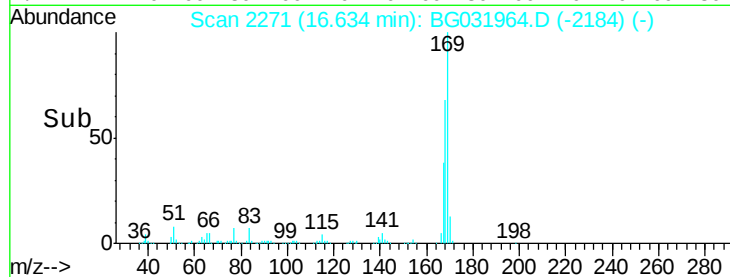
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

16.63

Time-->



#66

4-Bromophenyl-phenylether

Concen: 37.461 ng

RT: 17.32 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

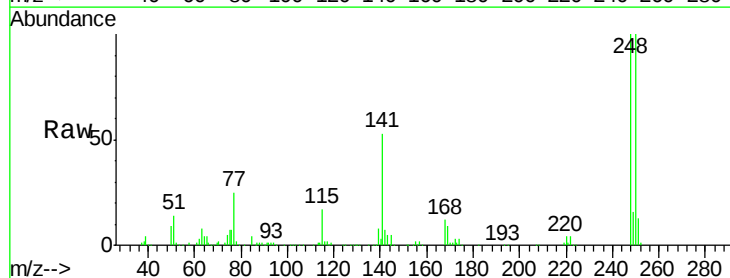
Tgt Ion:248 Resp: 261934

Ion Ratio Lower Upper

248 100

250 100.2 77.1 115.7

141 53.3 50.8 76.2



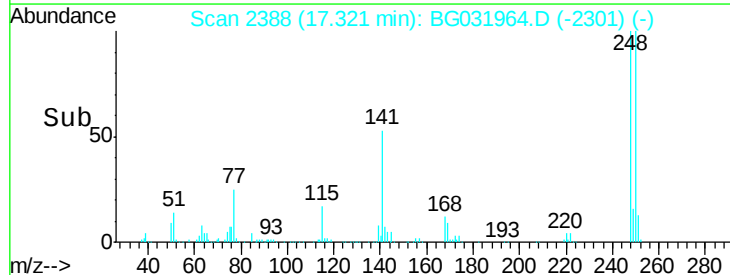
Abundance Ion 248.00 (247.70 to 248.70): E

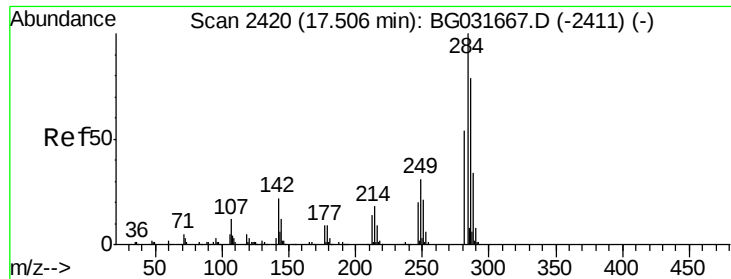
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

17.32

Time-->

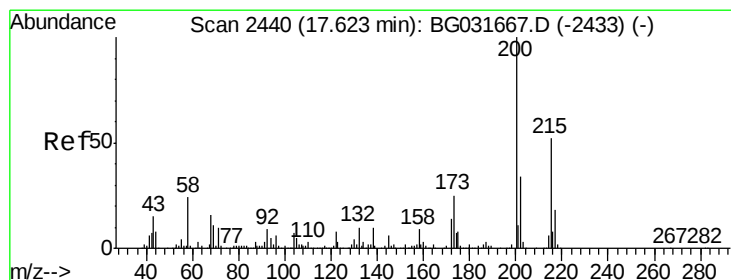
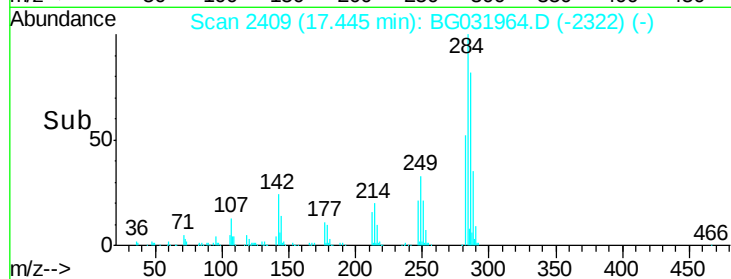
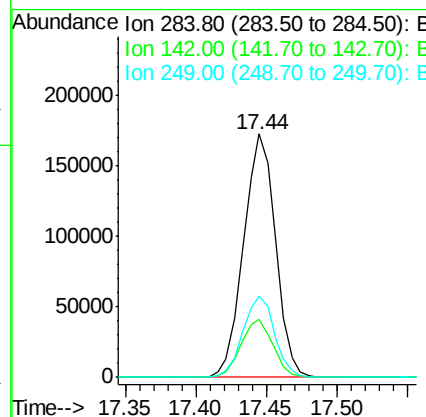
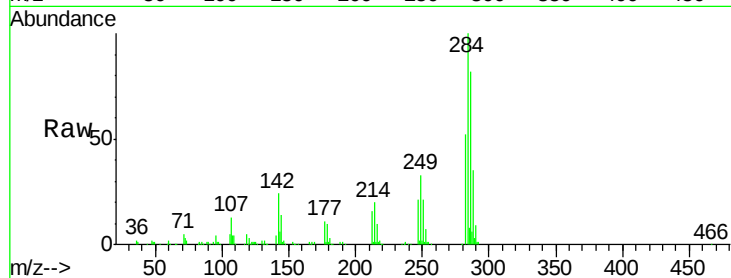




#67
Hexachlorobenzene
Concen: 38.188 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

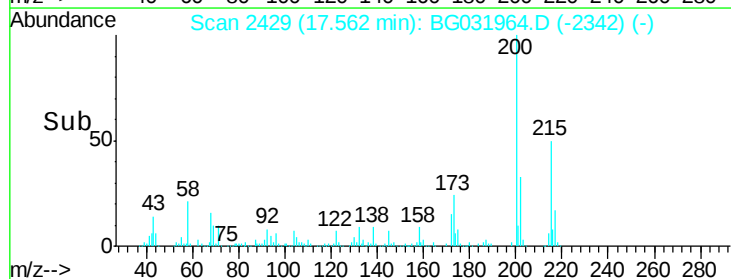
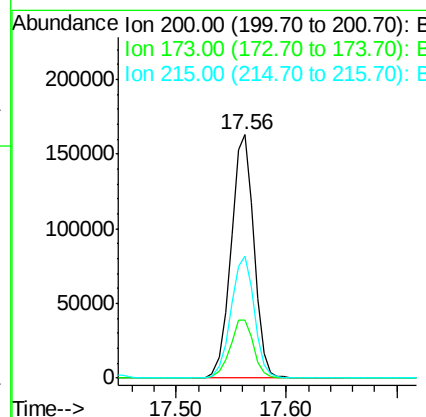
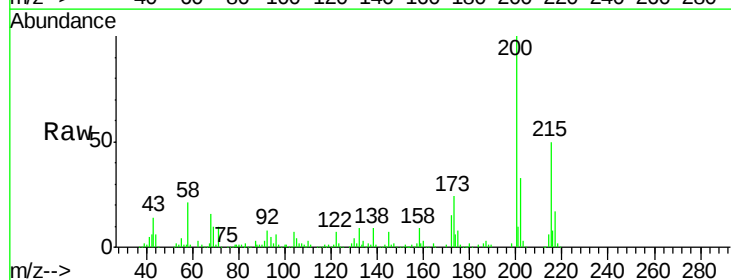
Instrument :
BNA_G
ClientSampleId :

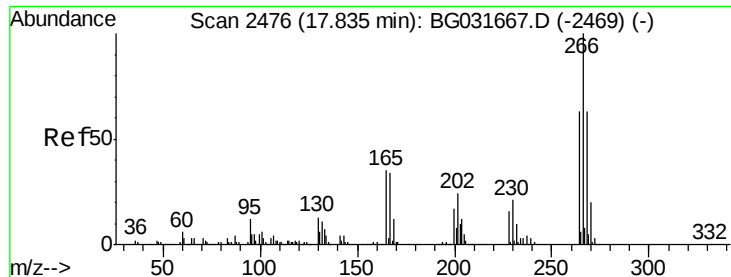
Tot Ion	Ratio	Lower	Upper
284	100		
142	23.8	26.8	40.2#
249	33.5	26.3	39.5



#68
Atrazine
Concen: 37.714 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.6	5.2	45.2
215	50.1	30.4	70.4

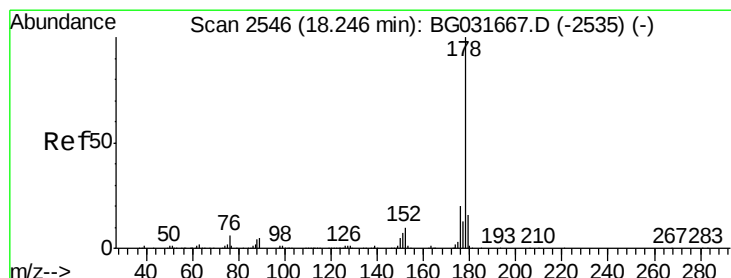
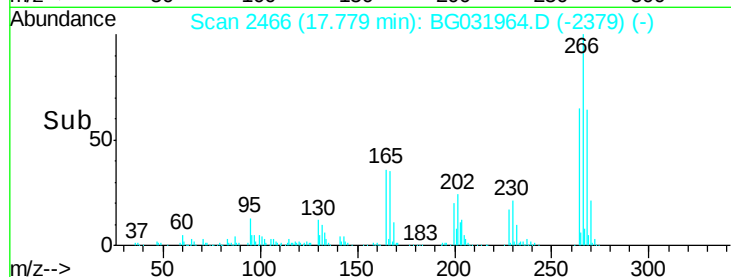
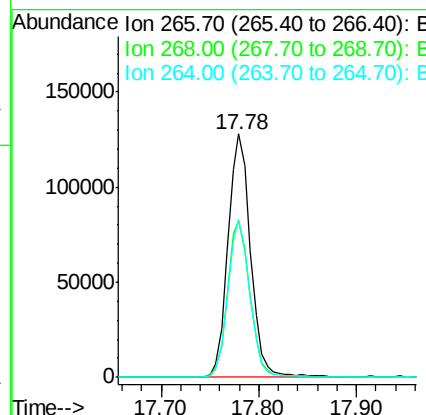
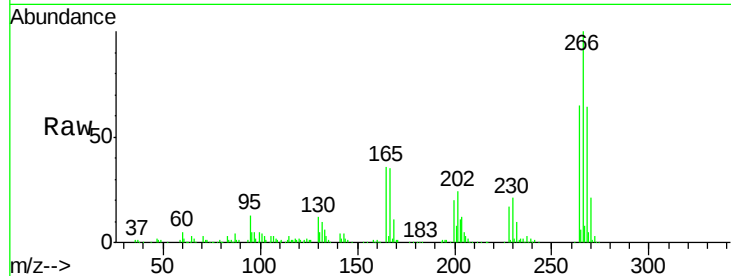




#69
 Pentachlorophenol
 Concen: 41.647 ng
 RT: 17.78 min Scan# 2466
 Delta R.T. -0.02 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

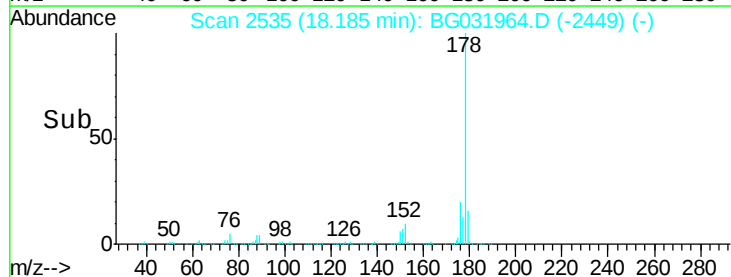
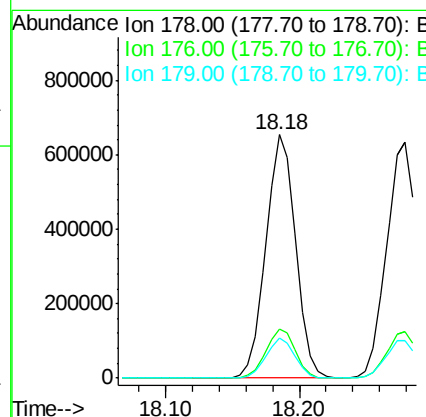
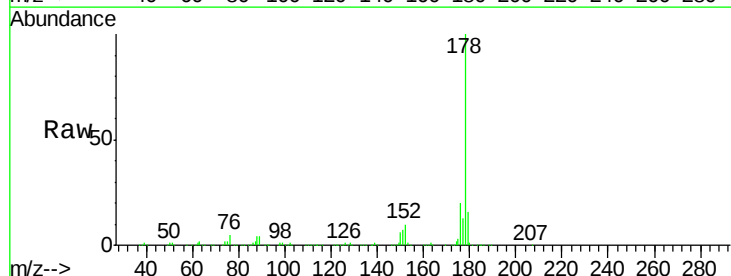
Instrument :
 BNA_G
 ClientSampleId :

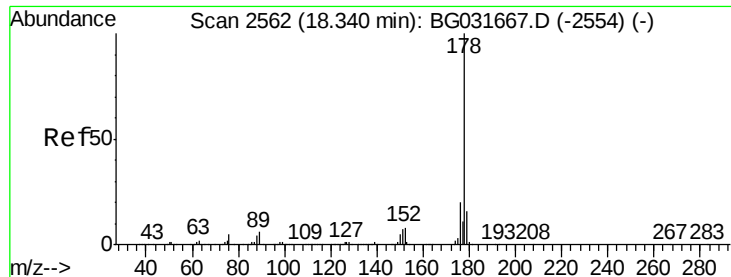
Tot Ion:266 Resp: 204755
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.1 76.7
 264 64.8 49.6 74.4



#70
 Phenanthrene
 Concen: 36.812 ng
 RT: 18.18 min Scan# 2535
 Delta R.T. -0.02 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion:178 Resp: 1007320
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.7 23.5
 179 16.5 12.5 18.7

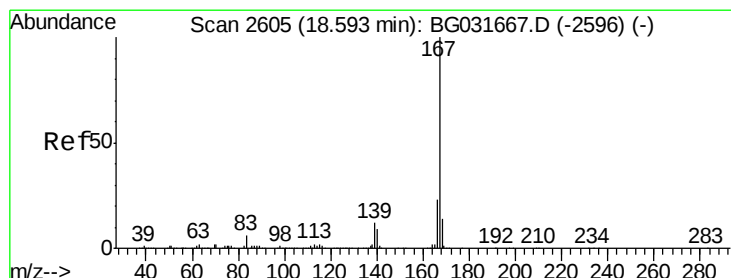
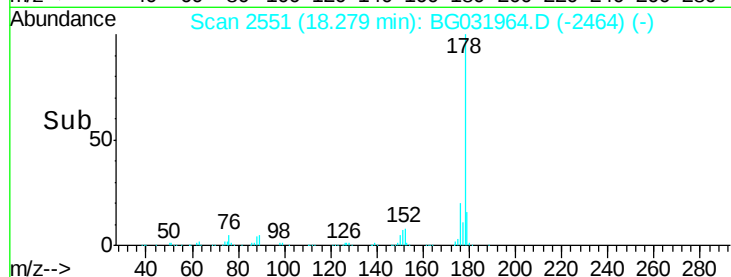
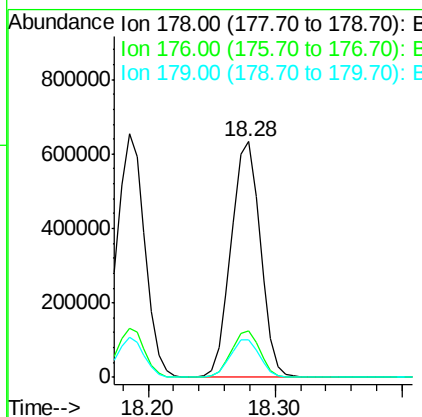
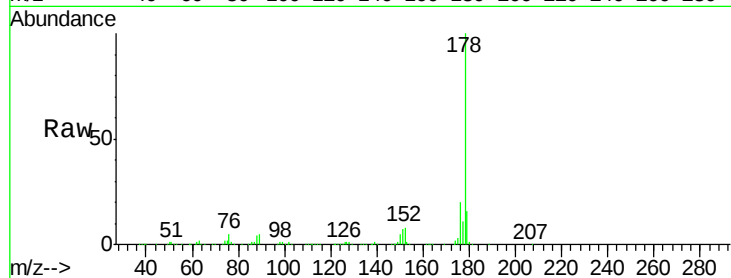




#71
 Anthracene
 Concen: 36.688 ng
 RT: 18.28 min Scan# 2551
 Delta R.T. -0.02 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

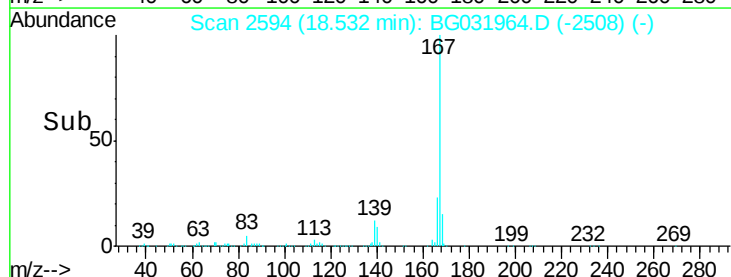
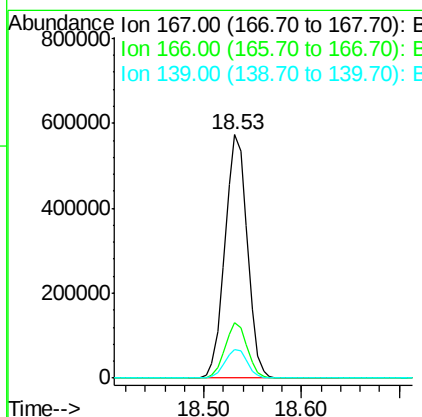
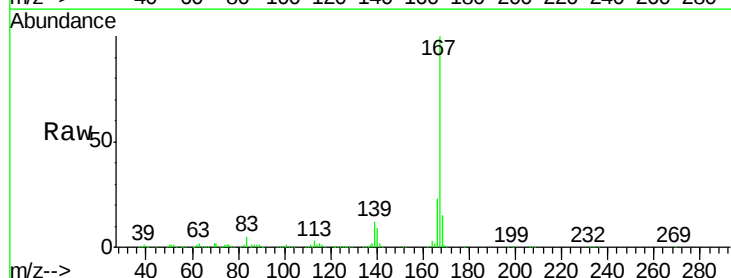
Instrument :
 BNA_G
 ClientSampleId :

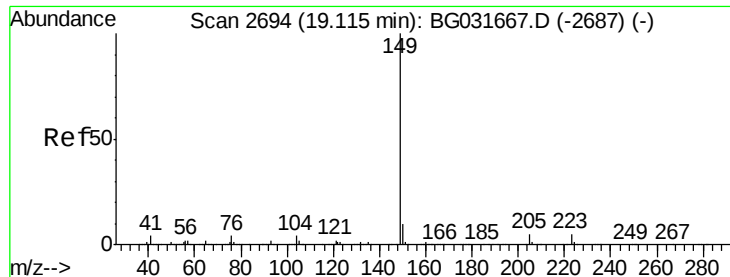
Tot Ion:178 Resp: 1012729
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 37.236 ng
 RT: 18.53 min Scan# 2594
 Delta R.T. -0.02 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion:167 Resp: 909730
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 11.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 37.205 ng

RT: 19.04 min Scan# 2681

Delta R.T. -0.02 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

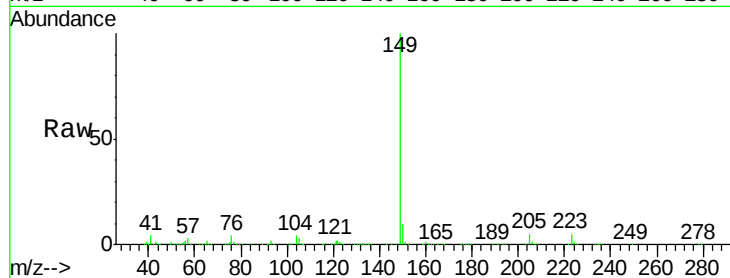
Tot Ion:149 Resp: 1010169

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

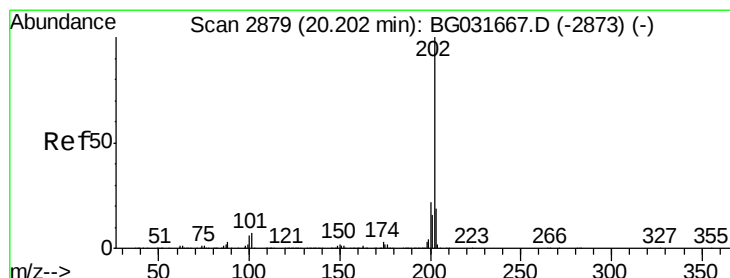
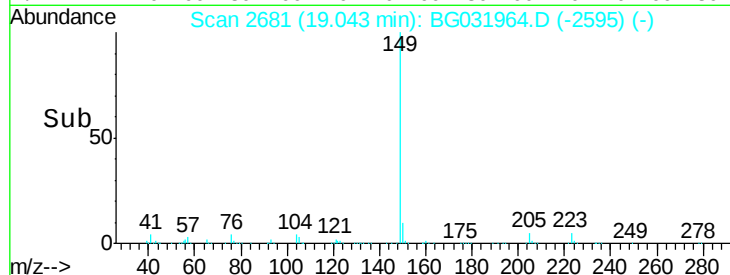
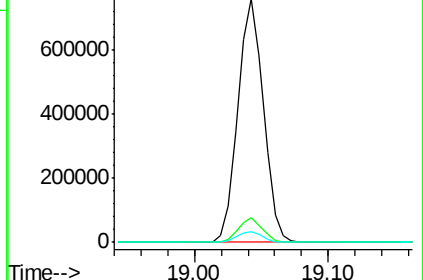
104 4.3 3.9 5.9



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: 37.365 ng

RT: 20.15 min Scan# 2869

Delta R.T. -0.02 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

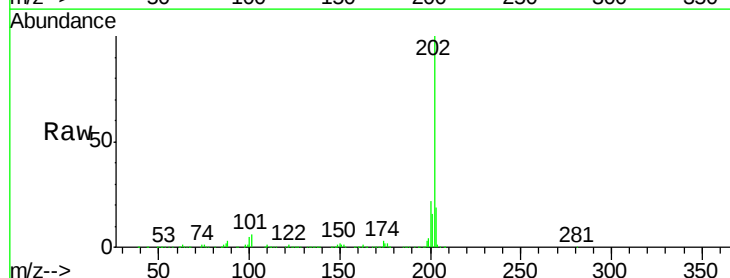
Tgt Ion:202 Resp: 1254560

Ion Ratio Lower Upper

202 100

101 5.9 0.0 28.9

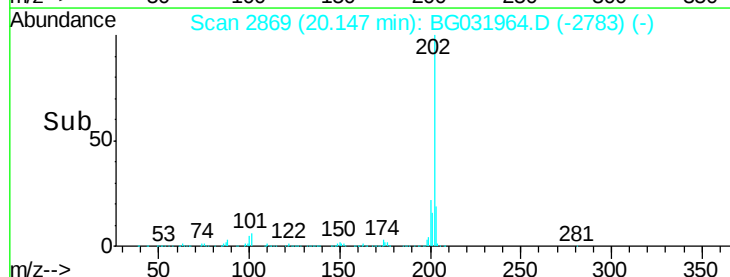
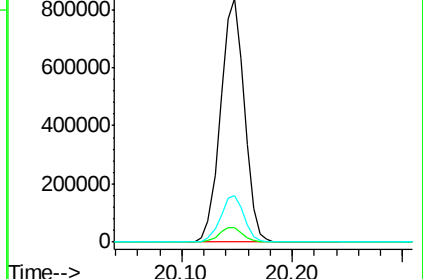
203 18.8 0.0 37.5

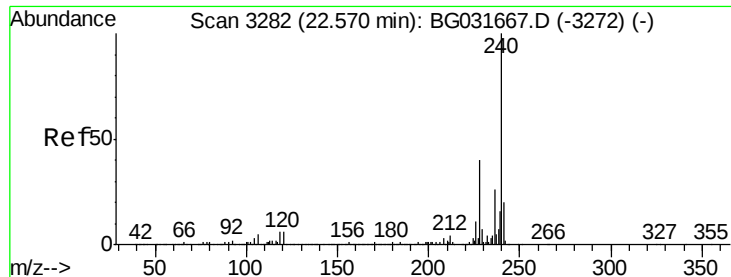


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

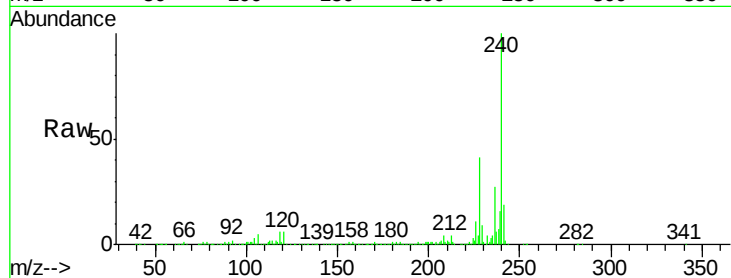




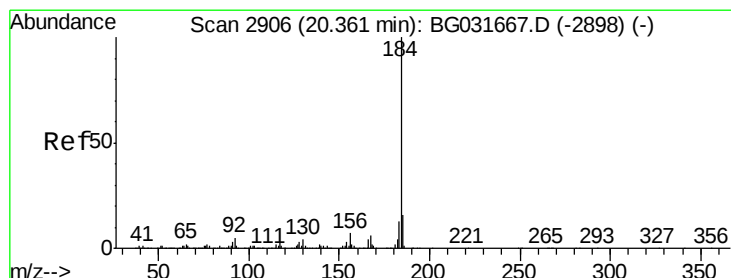
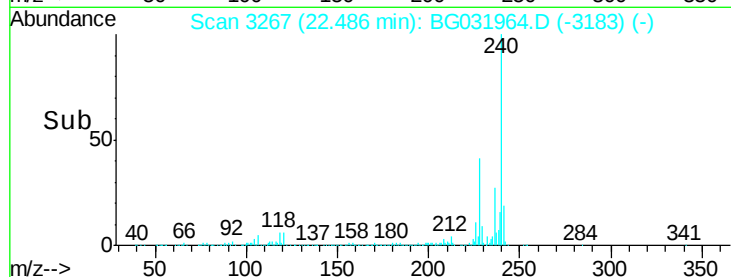
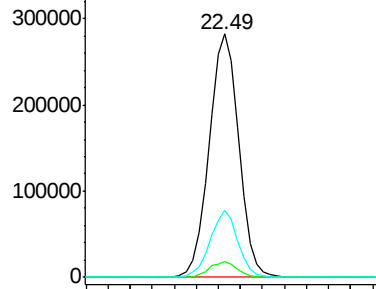
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3267
 Delta R.T. -0.03 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 530670
 Ion Ratio Lower Upper
 240 100
 120 6.4 6.8 10.2#
 236 27.4 20.9 31.3

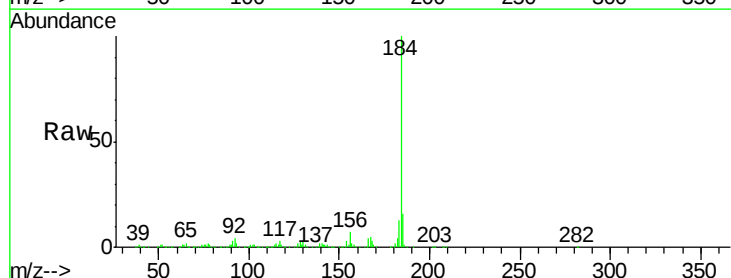


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

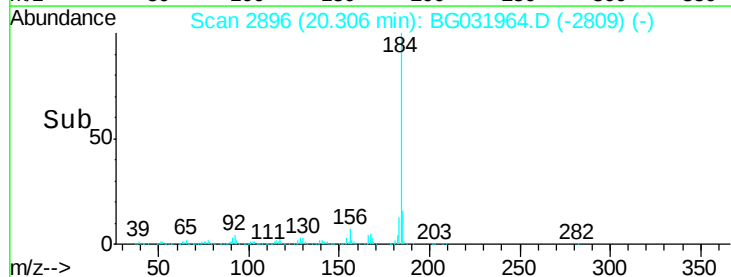
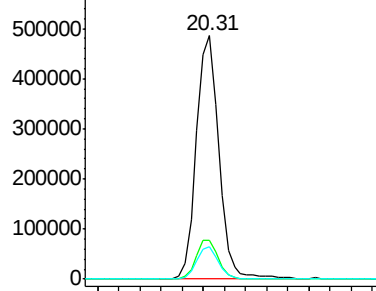


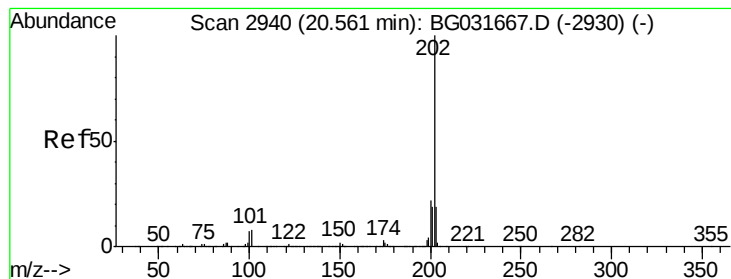
#76
 Benzidine
 Concen: 44.009 ng
 RT: 20.31 min Scan# 2896
 Delta R.T. -0.02 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion:184 Resp: 720846
 Ion Ratio Lower Upper
 184 100
 185 15.9 11.1 16.7
 183 13.5 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: 37.772 ng

RT: 20.50 min Scan# 2929

Delta R.T. -0.02 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

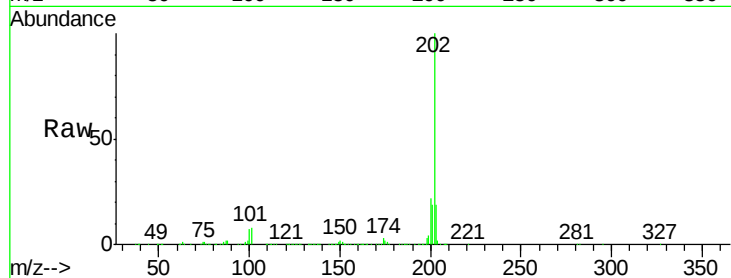
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1280366

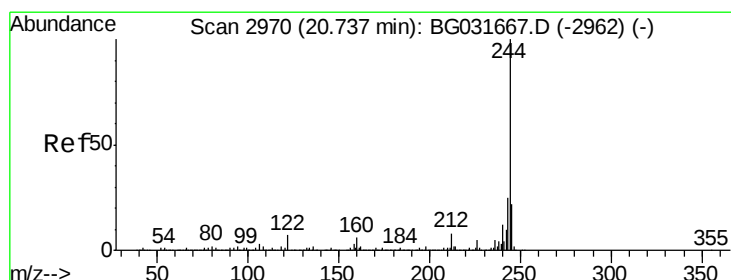
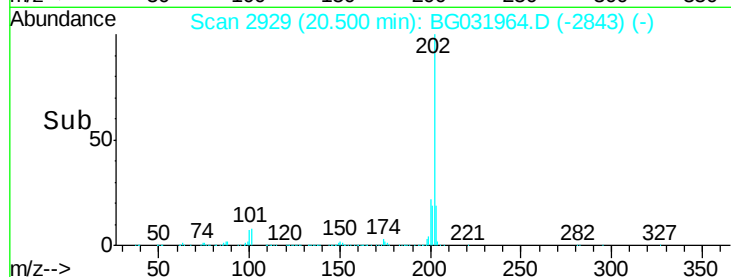
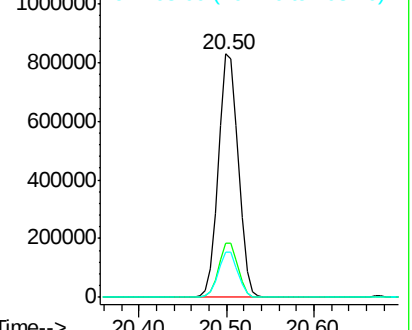
Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.5	13.9	20.9



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



#78

Terphenyl-d14

Concen: 73.862 ng

RT: 20.68 min Scan# 2959

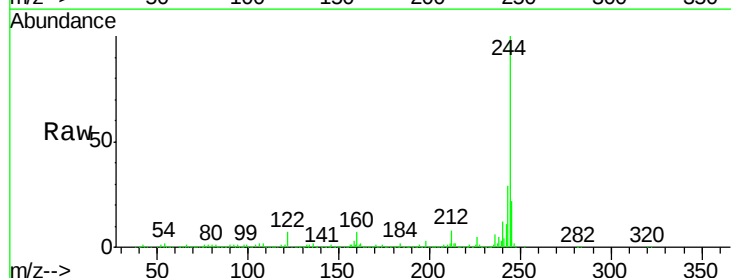
Delta R.T. -0.02 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Tgt Ion:244 Resp: 1715648

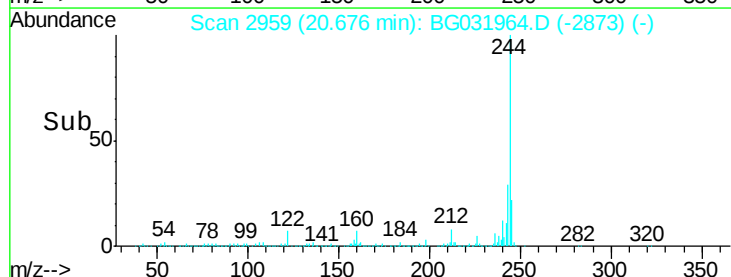
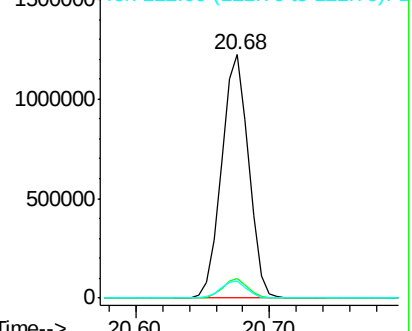
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	6.8	7.0	10.4#

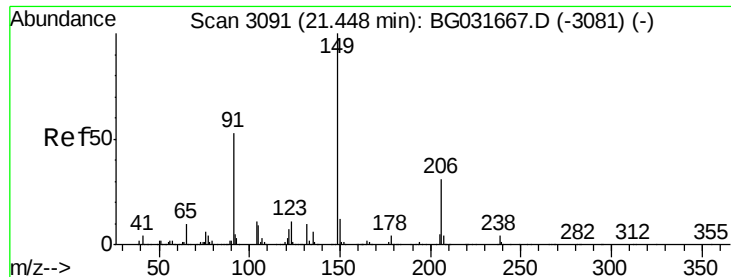


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

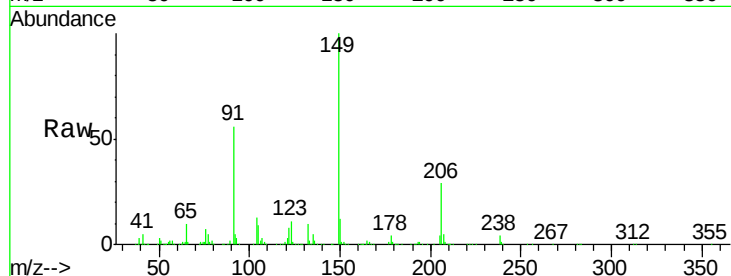




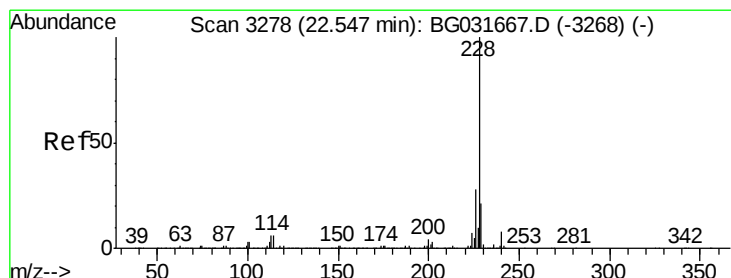
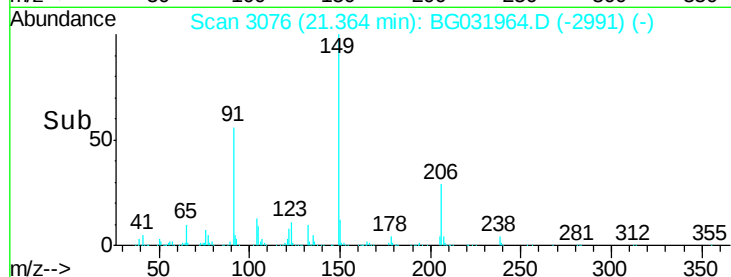
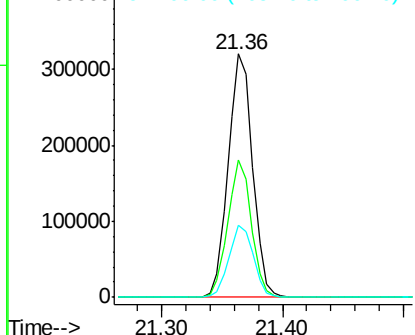
#79
Butylbenzylphthalate
Concen: 39.461 ng
RT: 21.36 min Scan# 3076
Delta R.T. -0.03 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 449032
Ion Ratio Lower Upper
149 100
91 56.4 62.2 93.2#
206 29.4 18.6 27.8#

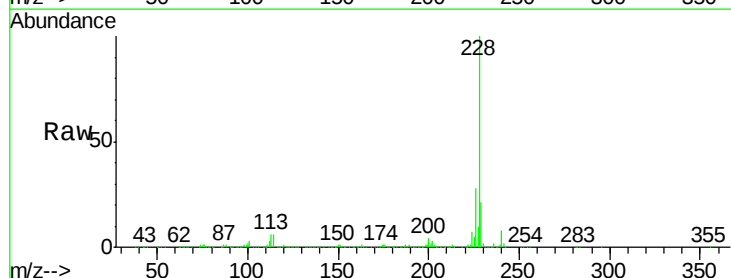


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

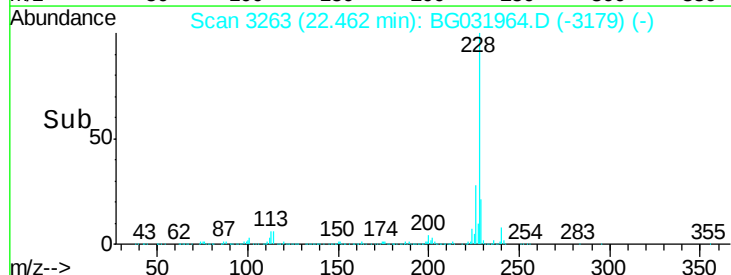
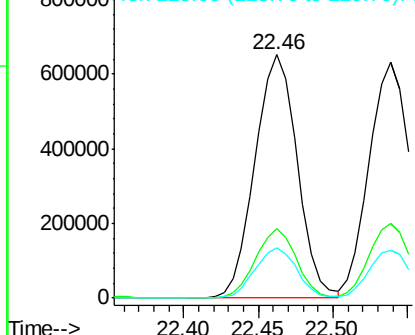


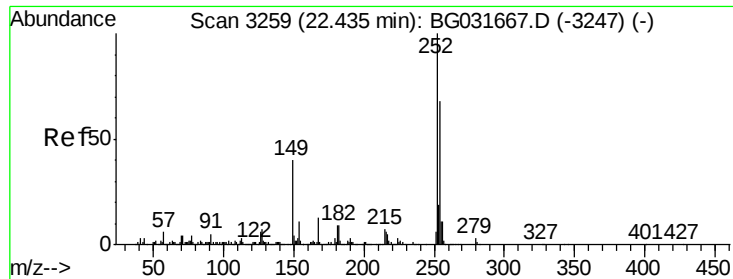
#80
Benzo(a)anthracene
Concen: 37.858 ng
RT: 22.46 min Scan# 3263
Delta R.T. -0.03 min
Lab File: BG031964.D
Acq: 10 Jan 2018 3:09

Tgt Ion:228 Resp: 1277942
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.5 16.2 24.2



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

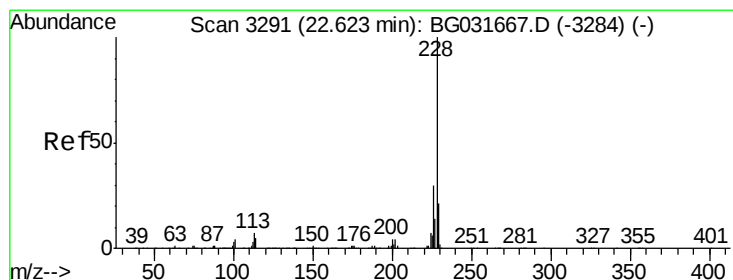
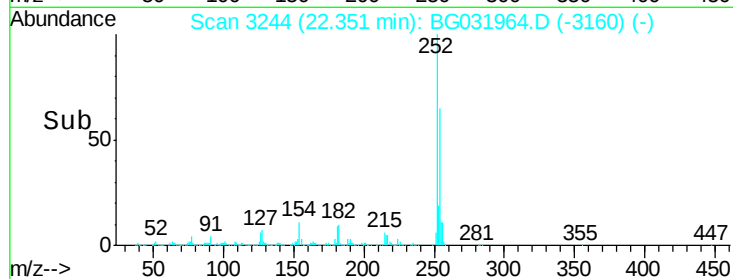
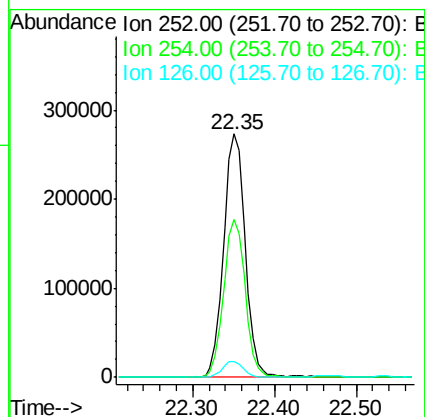
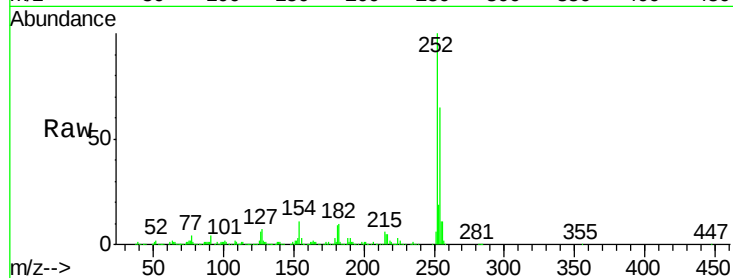




#81
 3,3'-Dichlorobenzidine
 Concen: 38.534 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.03 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

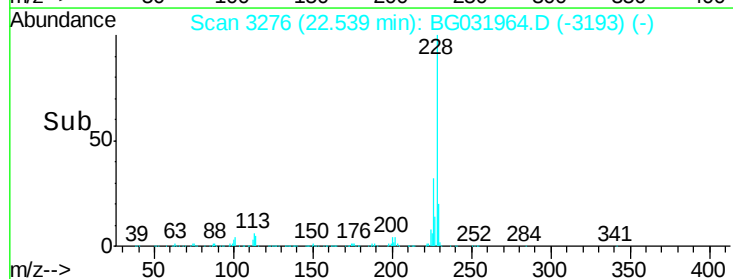
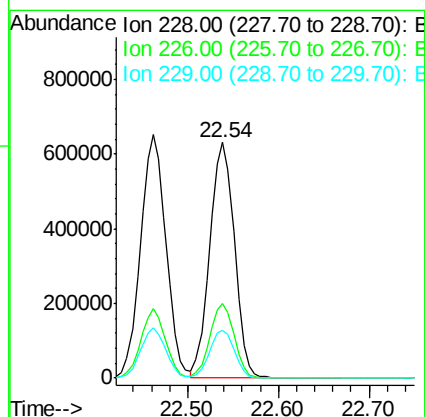
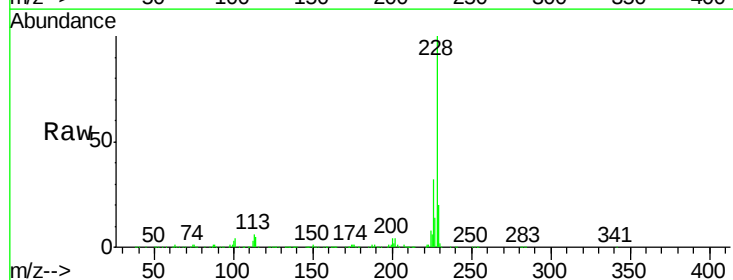
Instrument :
 BNA_G
 ClientSampleId :

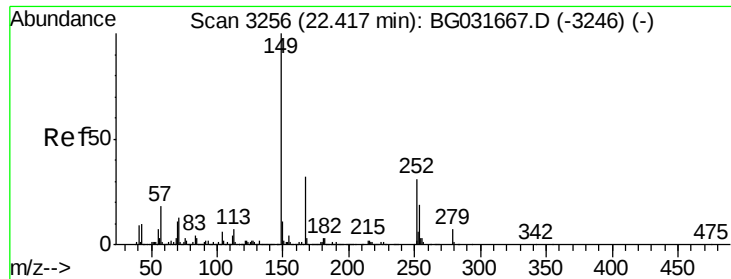
Tot Ion:252 Resp: 504336
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.8 76.2
 126 6.3 7.4 11.2#



#82
 Chrysene
 Concen: 37.309 ng
 RT: 22.54 min Scan# 3276
 Delta R.T. -0.04 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion:228 Resp: 1191619
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 20.5 15.0 22.4

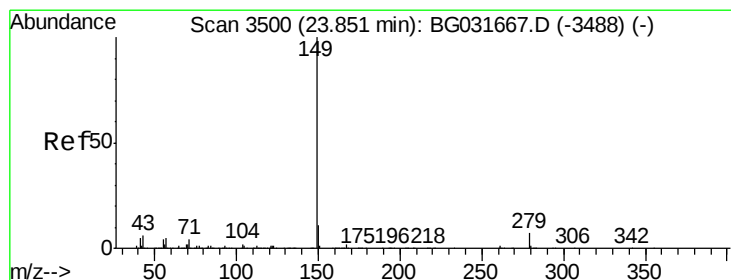
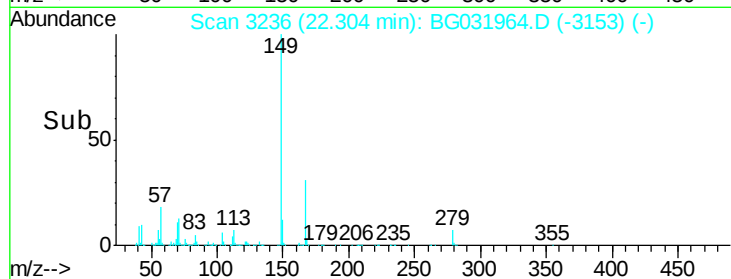
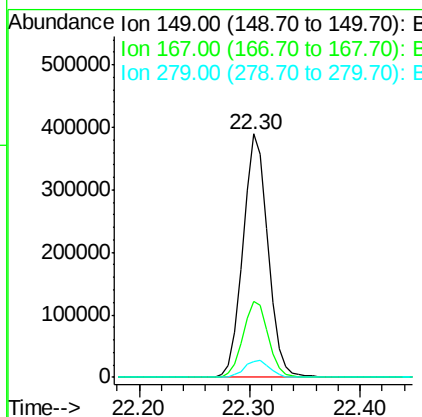
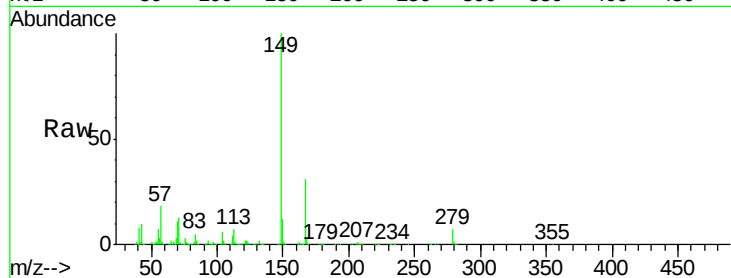




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.497 ng
 RT: 22.30 min Scan# 3236
 Delta R.T. -0.04 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

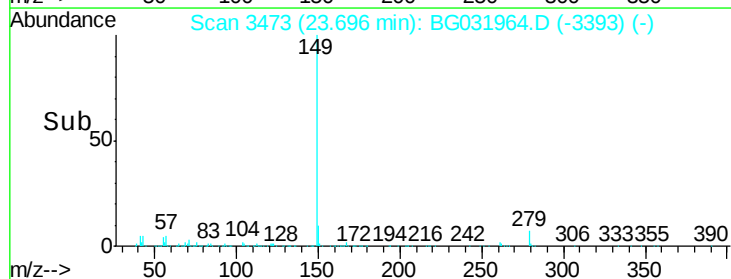
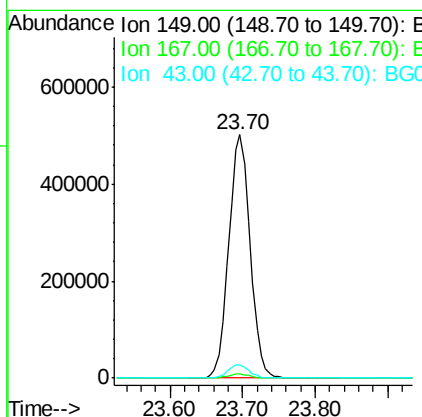
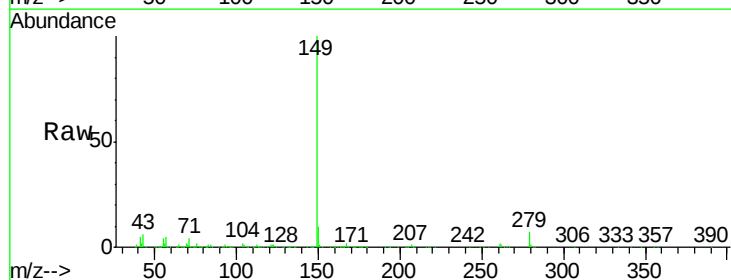
Instrument :
 BNA_G
 ClientSampleId :

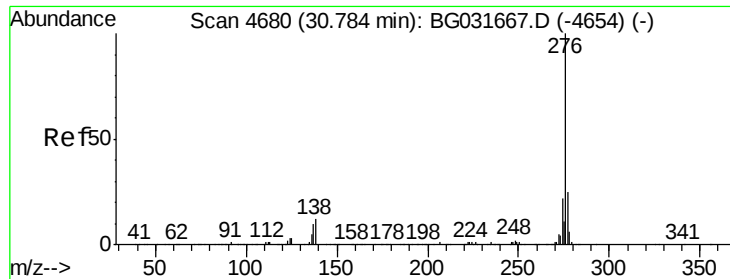
Tot Ion:149 Resp: 618185
 Ion Ratio Lower Upper
 149 100
 167 31.2 24.3 36.5
 279 6.7 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 36.895 ng
 RT: 23.70 min Scan# 3473
 Delta R.T. -0.06 min
 Lab File: BG031964.D
 Acq: 10 Jan 2018 3:09

Tgt Ion:149 Resp: 1024389
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 5.7 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.777 ng

RT: 30.54 min Scan# 4638

Delta R.T. -0.15 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

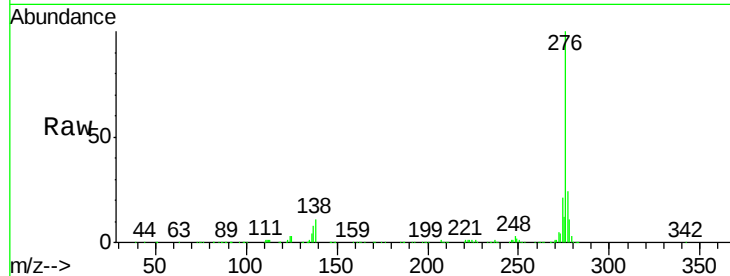
Tot Ion:276 Resp: 1547926

Ion Ratio Lower Upper

276 100

138 9.2 16.0 24.0#

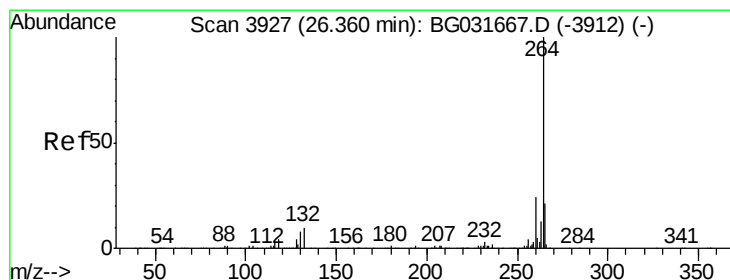
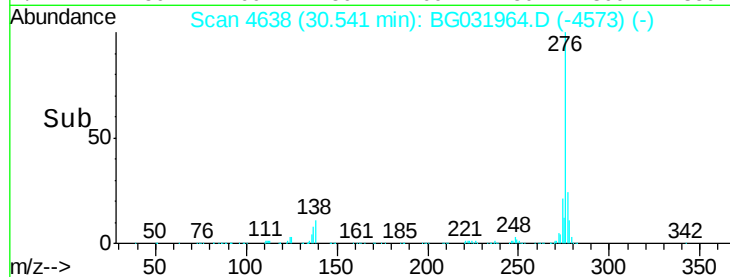
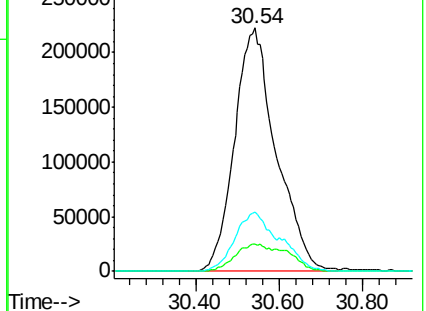
277 20.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.20 min Scan# 3900

Delta R.T. -0.09 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

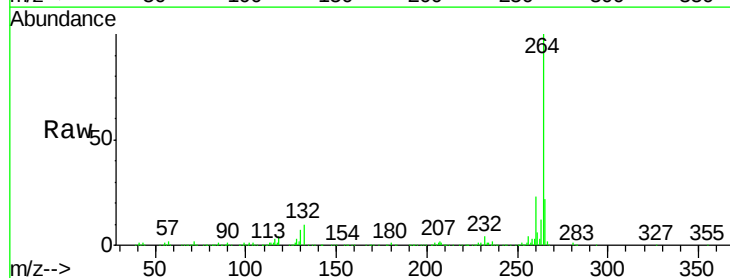
Tgt Ion:264 Resp: 562318

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

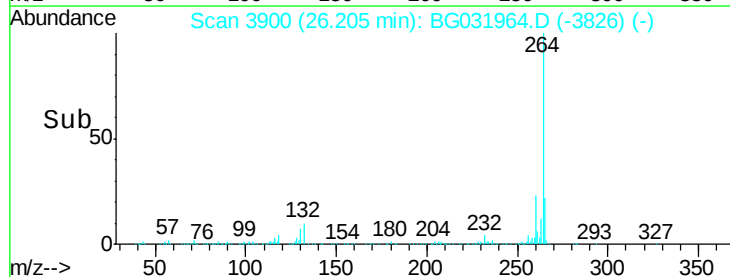
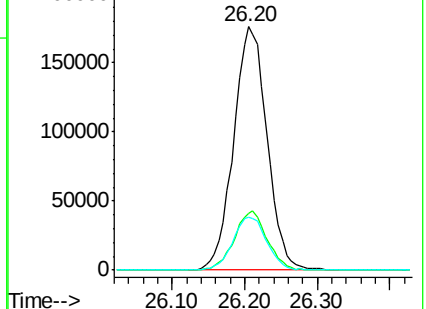
265 21.7 17.7 26.5

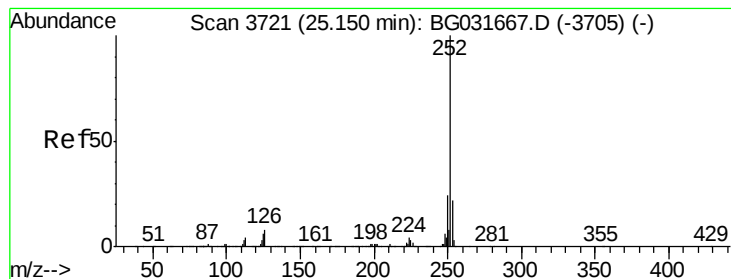


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.319 ng

RT: 25.01 min Scan# 3697

Delta R.T. -0.07 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

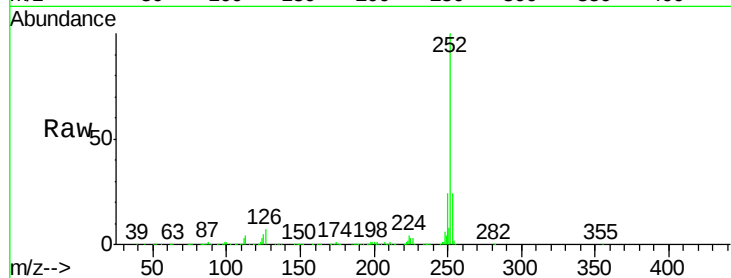
Tot Ion:252 Resp: 1302644

Ion Ratio Lower Upper

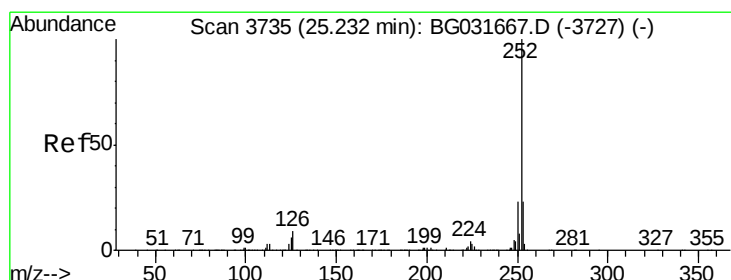
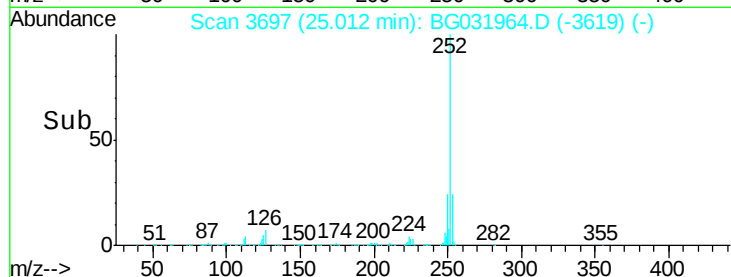
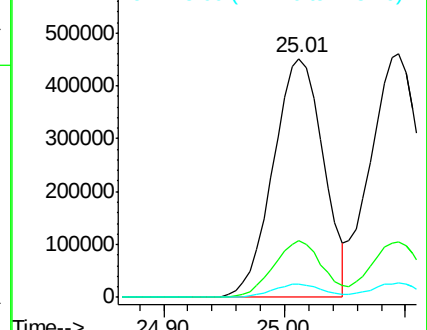
252 100

253 23.6 18.2 27.4

125 5.3 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: 37.109 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.07 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

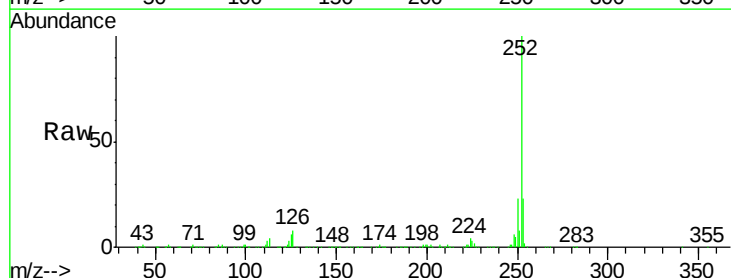
Tgt Ion:252 Resp: 1296298

Ion Ratio Lower Upper

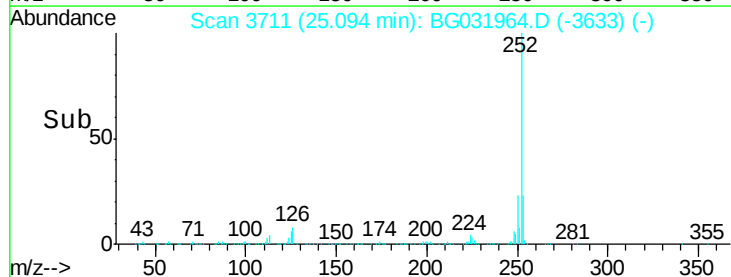
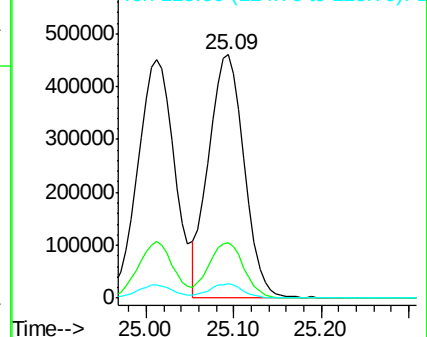
252 100

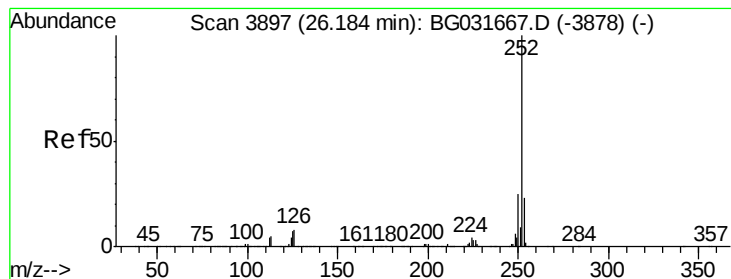
253 22.7 17.4 26.2

125 5.9 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: 37.695 ng

RT: 26.03 min Scan# 3871

Delta R.T. -0.08 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

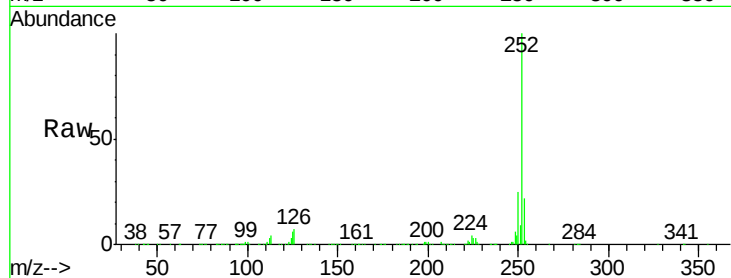
Tot Ion:252 Resp: 1260148

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	6.0	7.3	10.9

252 100

253 22.2 18.3 27.5

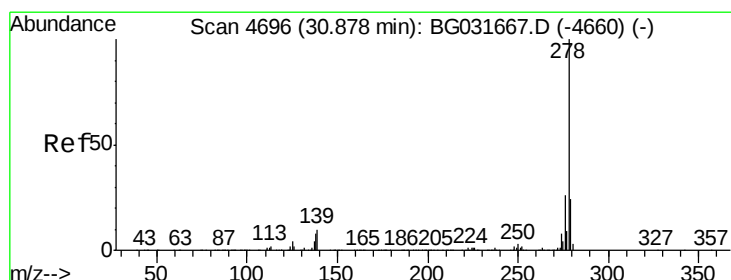
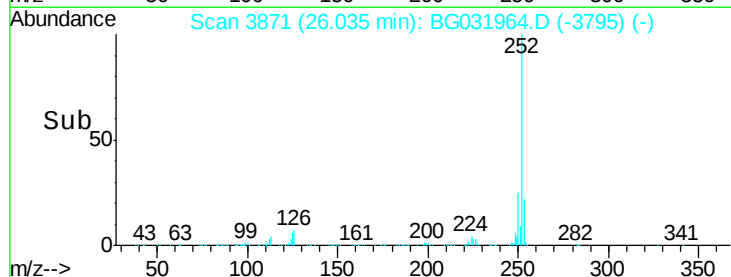
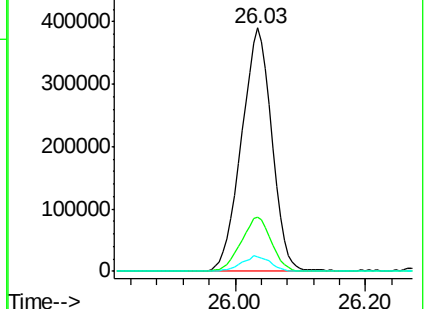
125 6.0 7.3 10.9



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: 37.169 ng

RT: 30.61 min Scan# 4650

Delta R.T. -0.16 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

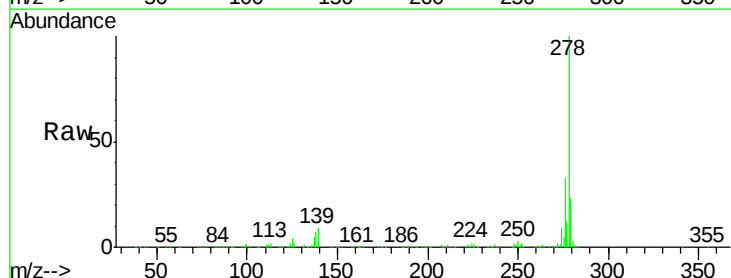
Tgt Ion:278 Resp: 1283282

Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6
279	23.0	18.4	27.6

278 100

139 9.4 9.8 14.6

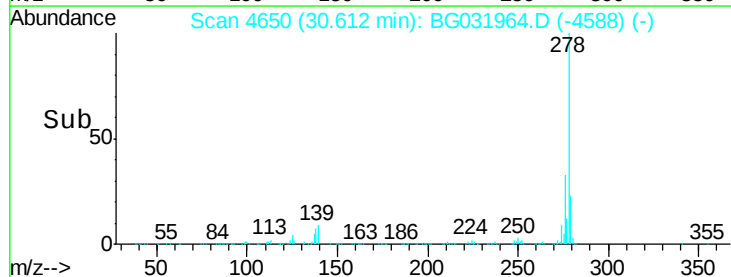
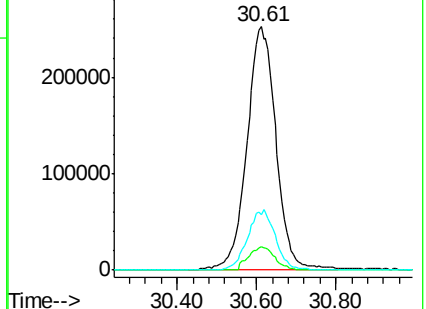
279 23.0 18.4 27.6

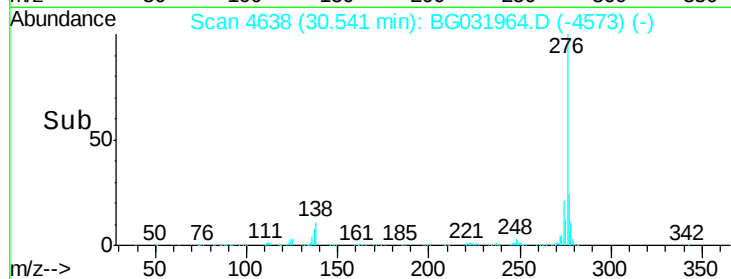
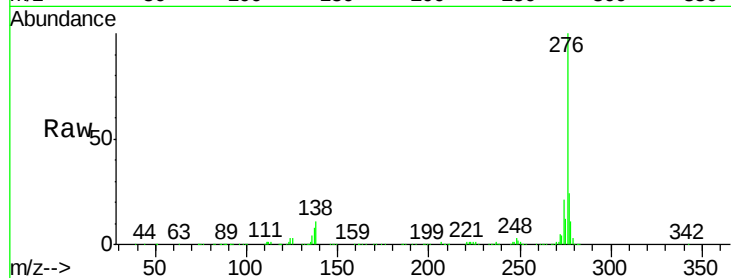
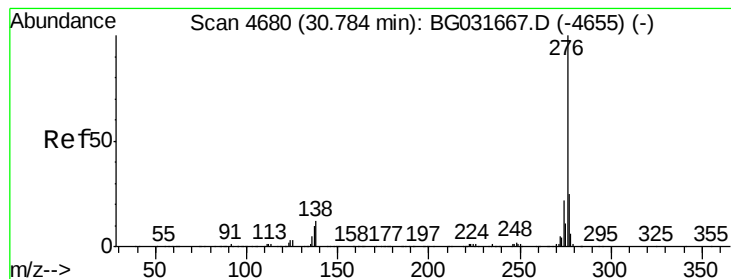


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.974 ng

RT: 30.54 min Scan# 4638

Delta R.T. -0.15 min

Lab File: BG031964.D

Acq: 10 Jan 2018 3:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1547926

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 11.3 13.9 20.9#

