

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090816\
 Data File : BG023964.D
 Acq On : 8 Sep 2016 11:30
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 08 14:01:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	45147	20.00	ng	0.04
21) Naphthalene-d8	10.96	136	232424	20.00	ng	0.03
38) Acenaphthene-d10	14.79	164	190746	20.00	ng	0.03
63) Phenanthrene-d10	17.55	188	491691	20.00	ng	0.02
75) Chrysene-d12	21.86	240	508218	20.00	ng	0.01
86) Perylene-d12	25.25	264	510630	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	219502	85.36	ng	0.03
7) Phenol-d6	7.30	99	347144	87.70	ng	0.03
23) Nitrobenzene-d5	9.31	82	440505	84.61	ng	0.04
41) 2,4,6-Tribromophenol	16.29	330	261860	76.20	ng	0.03
44) 2-Fluorobiphenyl	13.41	172	1011028	75.99	ng	0.03
78) Terphenyl-d14	20.15	244	1713795	76.80	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	42522	40.10	ng	98
3) Pyridine	3.94	79	147544	46.29	ng	96
4) n-Nitrosodimethylamine	3.85	42	82363	49.02	ng	# 78
6) Aniline	7.45	93	223774	42.59	ng	98
8) 2-Chlorophenol	7.70	128	123515	41.46	ng	91
9) Benzaldehyde	7.26	77	113790	40.46	ng	97
10) Phenol	7.33	94	176174	42.31	ng	90
11) bis(2-Chloroethyl)ether	7.54	93	131125	40.02	ng	84
12) 1,3-Dichlorobenzene	8.02	146	135533	38.87	ng	98
13) 1,4-Dichlorobenzene	8.17	146	141288	38.25	ng	98
14) 1,2-Dichlorobenzene	8.49	146	137789	39.74	ng	93
15) Benzyl Alcohol	8.38	79	167528	48.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	180462	41.09	ng	92
17) 2-Methylphenol	8.59	107	117130	41.75	ng	99
18) Hexachloroethane	9.22	117	62054	43.63	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	161237	46.11	ng	91
20) 3+4-Methylphenols	8.92	107	173903	44.48	ng	95
22) Acetophenone	8.96	105	241478	40.13	ng	# 97
24) Nitrobenzene	9.35	77	236238	42.20	ng	98
25) Isophorone	9.88	82	426663	42.26	ng	97
26) 2-Nitrophenol	10.07	139	92673	43.54	ng	98
27) 2,4-Dimethylphenol	10.13	122	148990	41.19	ng	94
28) bis(2-Chloroethoxy)methane	10.36	93	204480	40.11	ng	100
29) 2,4-Dichlorophenol	10.62	162	162430	42.39	ng	99
30) 1,2,4-Trichlorobenzene	10.82	180	169557	40.34	ng	97
31) Naphthalene	11.01	128	469033	39.16	ng	97
32) Benzoic acid	10.31	122	107948	36.75	ng	94
33) 4-Chloroaniline	11.13	127	209524	41.90	ng	95
34) Hexachlorobutadiene	11.28	225	134327	42.55	ng	96
35) Caprolactam	11.94	113	53493	39.61	ng	91
36) 4-Chloro-3-methylphenol	12.26	107	230750	45.06	ng	94
37) 2-Methylnaphthalene	12.61	142	373048	40.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	248323	39.22	ng	99
40) Hexachlorocyclopentadiene	12.95	237	123688	36.63	ng	95

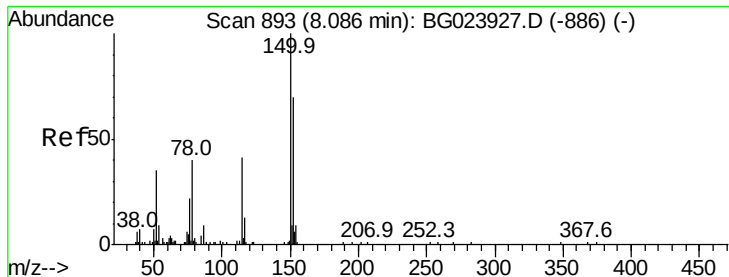
Data Path : Z:\HPCHEM1\BNA G\DATA\BG090816\
 Data File : BG023964.D
 Acq On : 8 Sep 2016 11:30
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 08 14:01:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	169528	40.12	nq	96
43) 2,4,5-Trichlorophenol	13.32	196	170112	39.83	nq	91
45) 1,1'-Biphenyl	13.62	154	583571	38.04	nq	98
46) 2-Chloronaphthalene	13.66	162	422193	37.48	nq	97
47) 2-Nitroaniline	13.89	65	197430	44.50	nq	96
48) Acenaphthylene	14.52	152	723545	38.54	nq	97
49) Dimethylphthalate	14.24	163	619539	37.88	nq	99
50) 2,6-Dinitrotoluene	14.37	165	136076	39.41	nq	95
51) Acenaphthene	14.85	154	449692	38.74	nq	98
52) 3-Nitroaniline	14.72	138	132372	40.99	nq	# 82
53) 2,4-Dinitrophenol	14.93	184	71671	32.59	nq	# 87
54) Dibenzofuran	15.19	168	692598	38.23	nq	99
55) 4-Nitrophenol	15.04	139	94343	36.72	nq	# 86
56) 2,4-Dinitrotoluene	15.17	165	201888	39.78	nq	87
57) Fluorene	15.84	166	609581	38.80	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.42	232	178337	41.14	nq	97
59) Diethylphthalate	15.60	149	665537	38.12	nq	98
60) 4-Chlorophenyl-phenylether	15.83	204	329169	38.92	nq	98
61) 4-Nitroaniline	15.88	138	127500	39.05	nq	89
62) Azobenzene	16.12	77	689436	40.77	nq	95
64) 4,6-Dinitro-2-methylphenol	15.94	198	137721	40.34	nq	97
65) n-Nitrosodiphenylamine	16.04	169	558491	39.99	nq	99
66) 4-Bromophenyl-phenylether	16.72	248	243926	40.78	nq	100
67) Hexachlorobenzene	16.85	284	269348	38.39	nq	95
68) Atrazine	16.99	200	235887	39.26	nq	96
69) Pentachlorophenol	17.21	266	137774	36.97	nq	96
70) Phenanthrene	17.59	178	1013552	39.63	nq	97
71) Anthracene	17.68	178	1002260	38.41	nq	99
72) Carbazole	17.96	167	892623	37.70	nq	97
73) Di-n-butylphthalate	18.49	149	1085582	38.43	nq	97
74) Fluoranthene	19.60	202	1173326	38.10	nq	96
76) Benzidine	19.78	184	568646	36.13	nq	98
77) Pyrene	19.96	202	1203264	38.50	nq	95
79) Butylbenzylphthalate	20.83	149	487143	40.43	nq	99
80) Benzo(a)anthracene	21.84	228	1174687	41.29	nq	95
81) 3,3'-Dichlorobenzidine	21.75	252	468306	41.18	nq	# 96
82) Chrysene	21.91	228	1109893	40.99	nq	98
83) Bis(2-ethylhexyl)phthalate	21.71	149	681436	41.31	nq	96
84) Di-n-octyl phthalate	22.97	149	1159673	42.86	nq	99
85) Indeno(1,2,3-cd)pyrene	29.14	276	1388507	46.31	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	1196469	41.25	nq	99
88) Benzo(k)fluoranthene	24.24	252	1161628	40.39	nq	# 98
89) Benzo(a)pyrene	25.09	252	1145064	41.57	nq	# 99
90) Dibenzo(a,h)anthracene	29.19	278	1119239	41.32	nq	# 98
91) Benzo(g,h,i)perylene	30.35	276	1136170	43.61	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. 0.04 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampled :

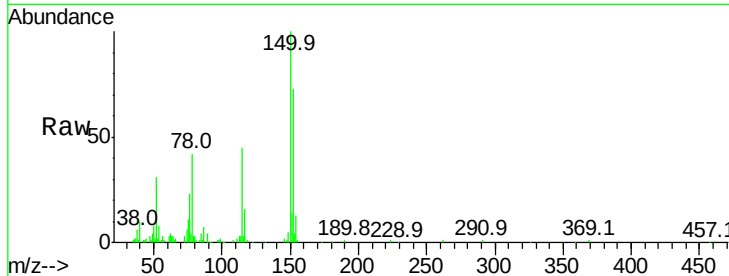
Tot Ion:152 Resp: 45147

Ion Ratio Lower Upper

152 100

150 137.0 144.7 217.1#

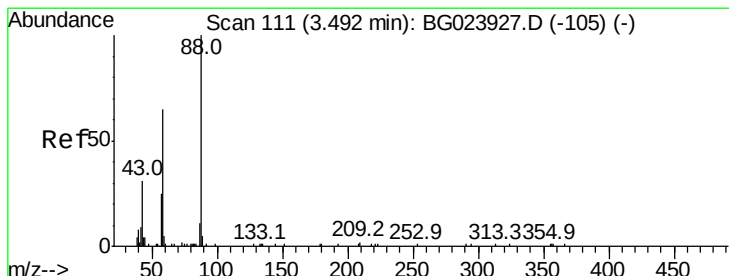
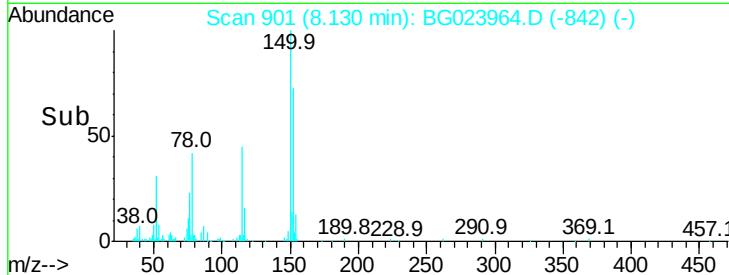
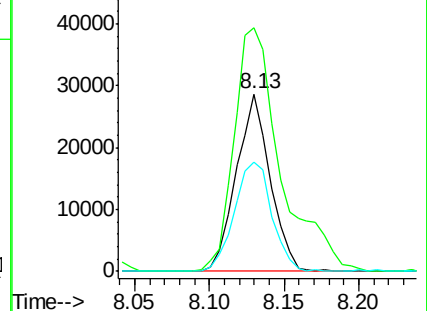
115 61.4 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.10 ng

RT: 3.51 min Scan# 115

Delta R.T. 0.02 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

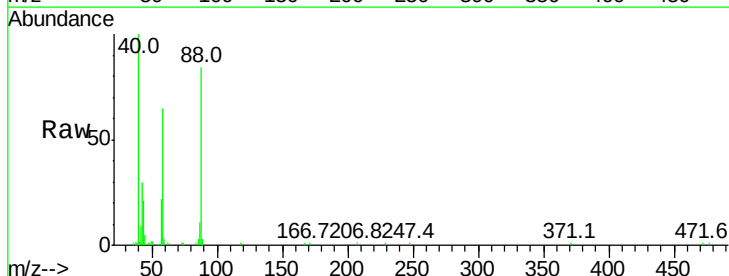
Tgt Ion: 88 Resp: 42522

Ion Ratio Lower Upper

88 100

58 77.7 60.4 90.6

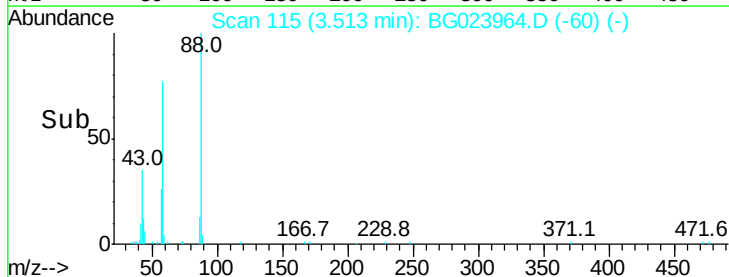
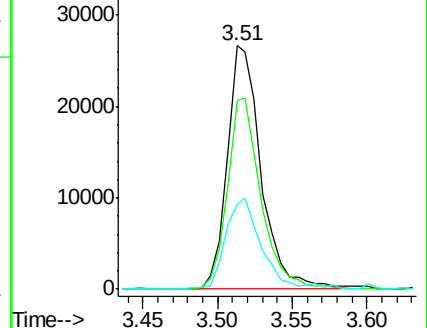
43 39.6 31.1 46.7

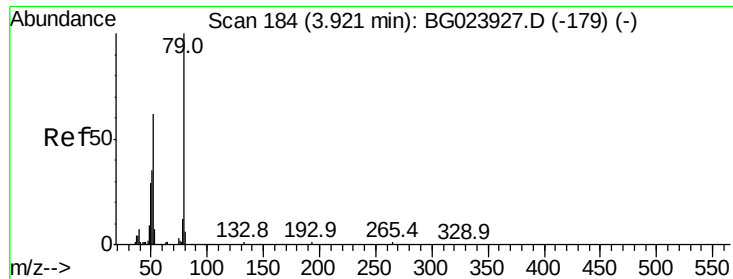


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 46.29 ng

RT: 3.94 min Scan# 187

Delta R.T. 0.02 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

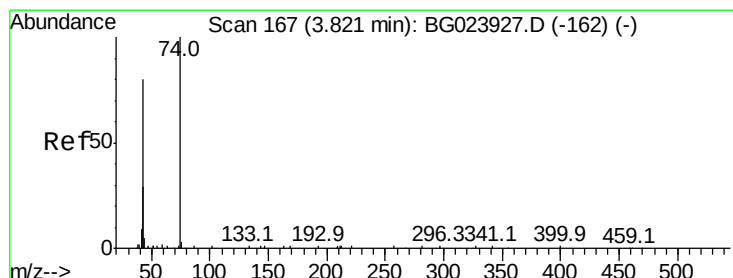
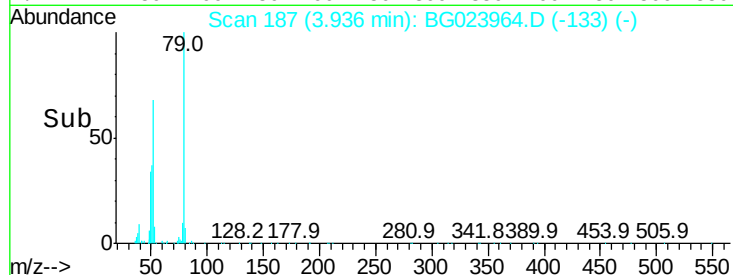
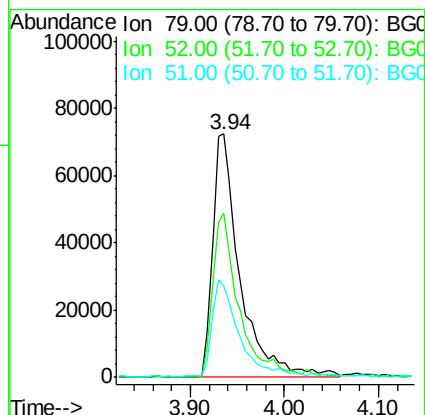
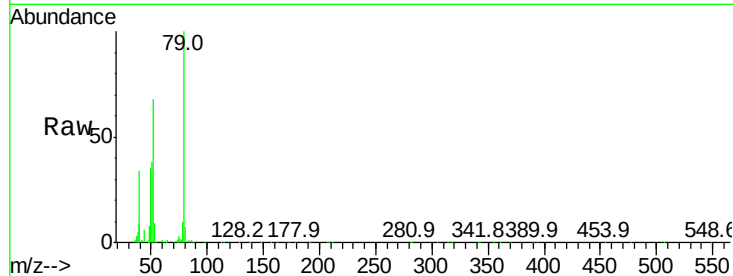
Tot Ion: 79 Resp: 147544

Ion Ratio Lower Upper

79 100

52 67.7 51.8 77.8

51 37.8 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 49.02 ng

RT: 3.85 min Scan# 172

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

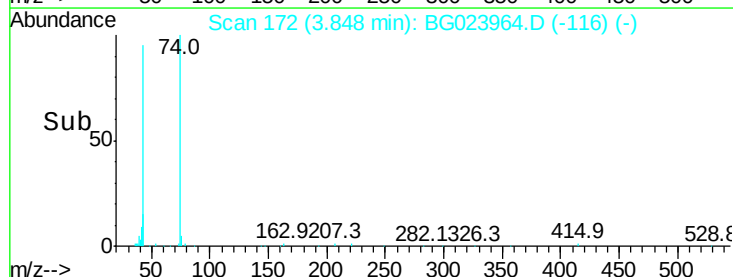
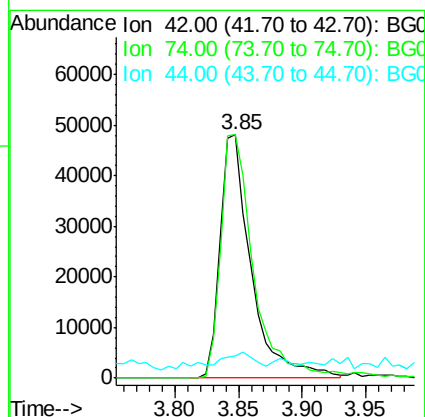
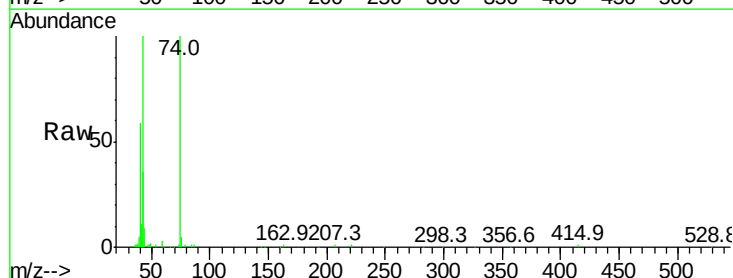
Tgt Ion: 42 Resp: 82363

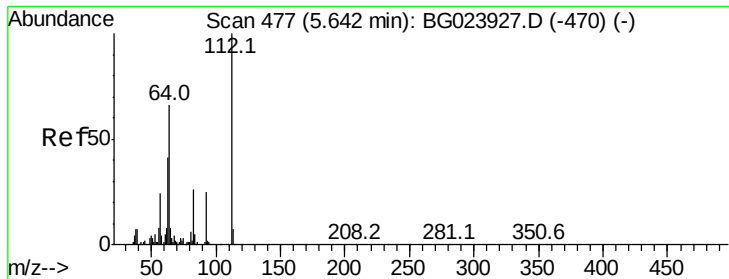
Ion Ratio Lower Upper

42 100

74 99.9 100.6 150.8#

44 9.2 4.5 6.7#





#5

2-Fluorophenol

Concen: 85.36 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

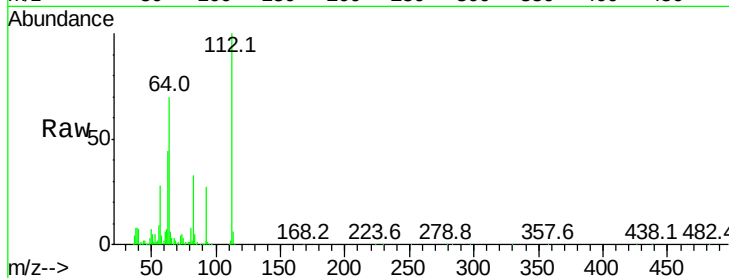
Tot Ion:112 Resp: 219502

Ion Ratio Lower Upper

112 100

64 69.6 59.0 88.4

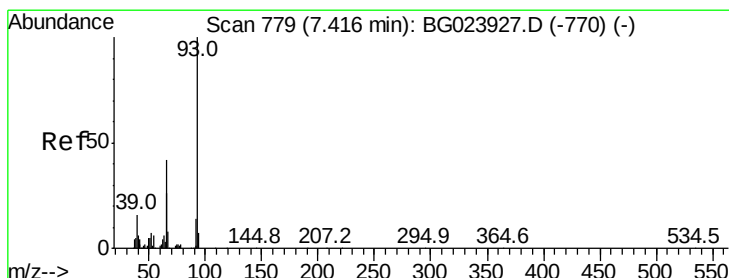
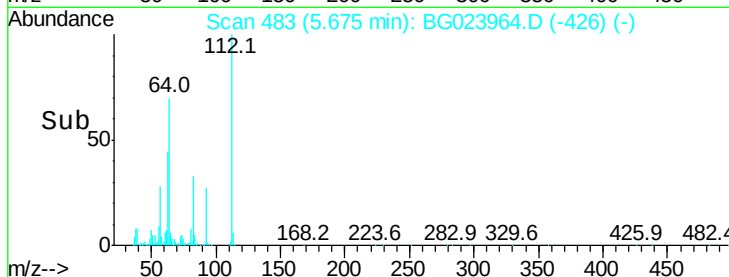
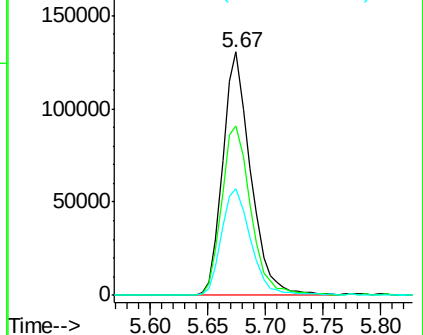
63 43.6 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.59 ng

RT: 7.45 min Scan# 786

Delta R.T. 0.04 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

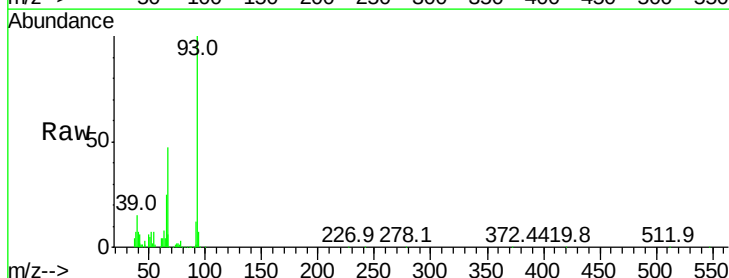
Tgt Ion: 93 Resp: 223774

Ion Ratio Lower Upper

93 100

66 46.8 37.5 56.3

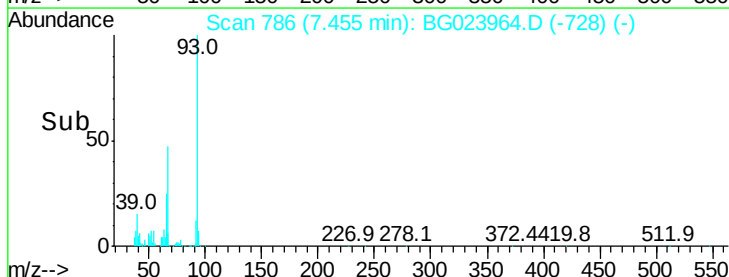
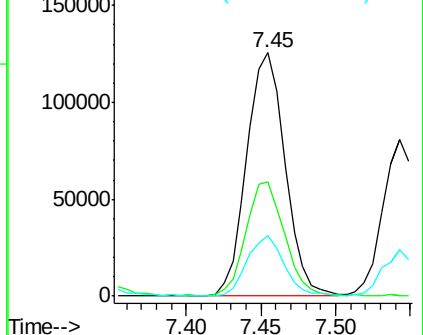
65 24.8 17.9 26.9

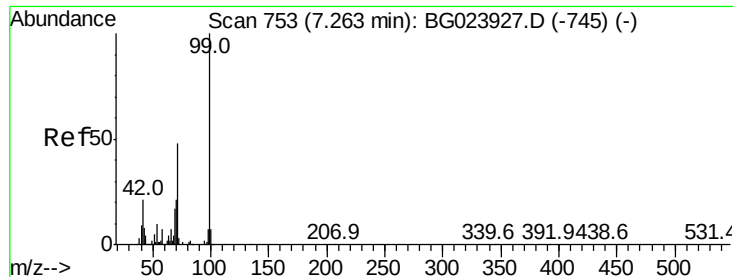


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.70 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

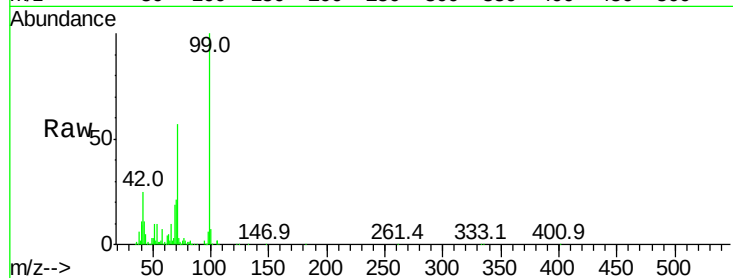
Tot Ion: 99 Resp: 347144

Ion Ratio Lower Upper

99 100

42 24.8 17.8 26.6

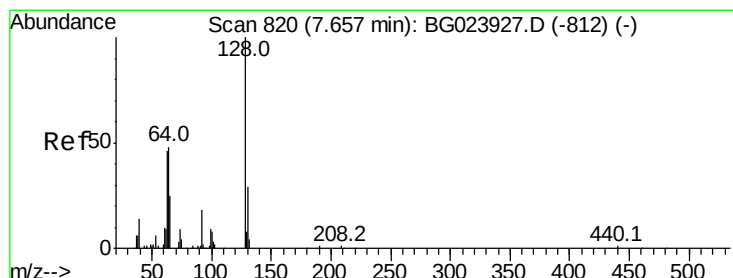
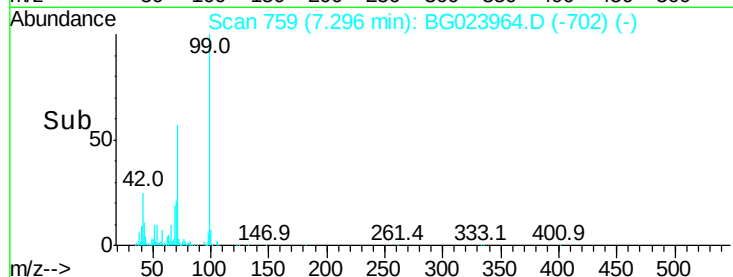
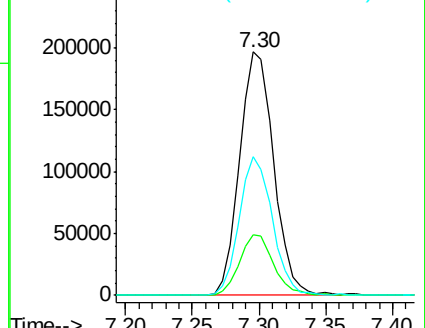
71 56.8 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.46 ng

RT: 7.70 min Scan# 827

Delta R.T. 0.04 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

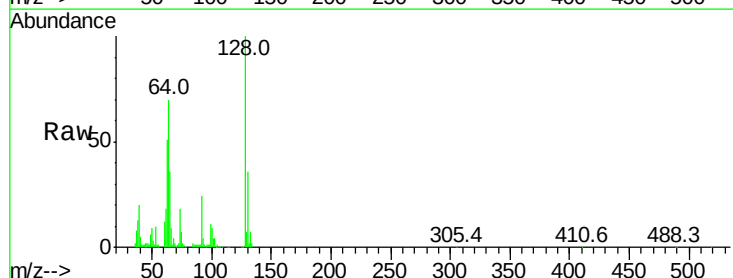
Tgt Ion:128 Resp: 123515

Ion Ratio Lower Upper

128 100

130 35.8 12.9 52.9

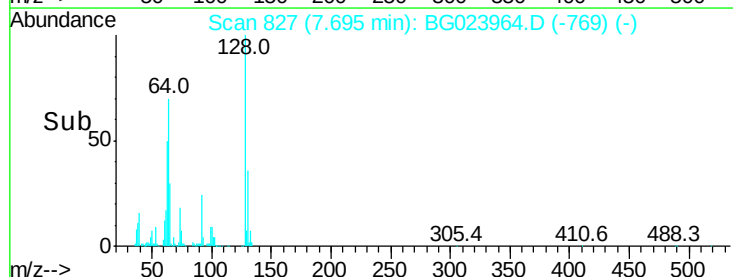
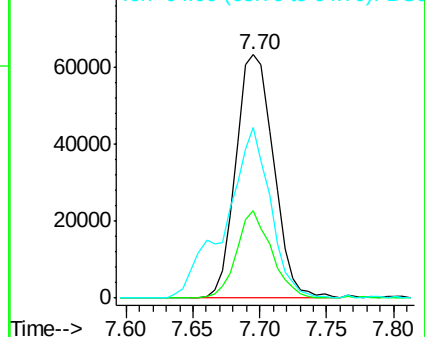
64 70.3 42.0 82.0

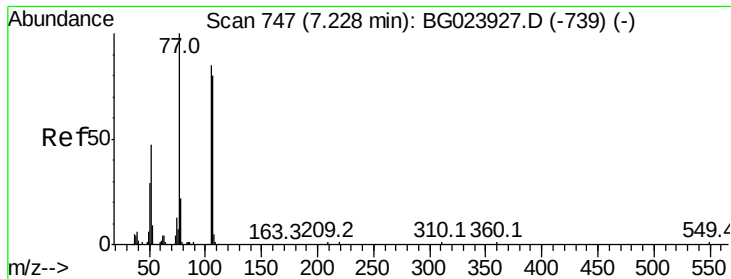


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.46 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

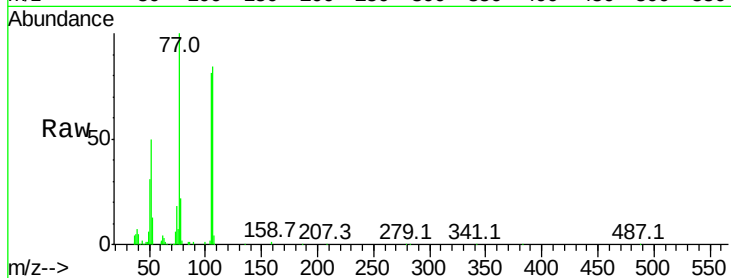
Tot Ion: 77 Resp: 113790

Ion Ratio Lower Upper

77 100

105 81.5 58.7 98.7

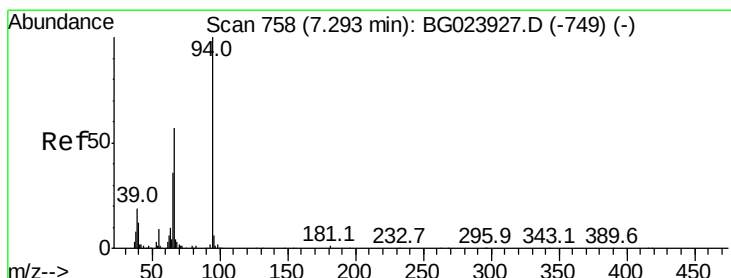
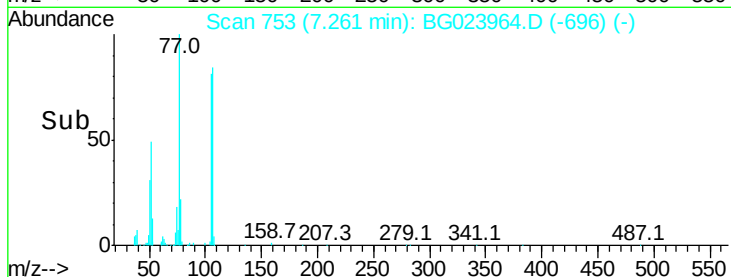
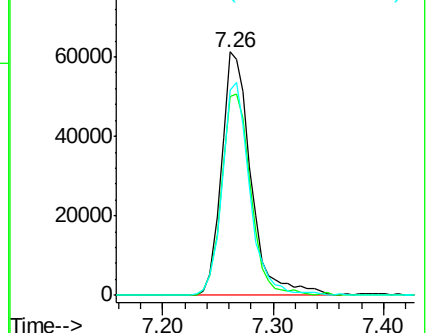
106 84.1 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.31 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

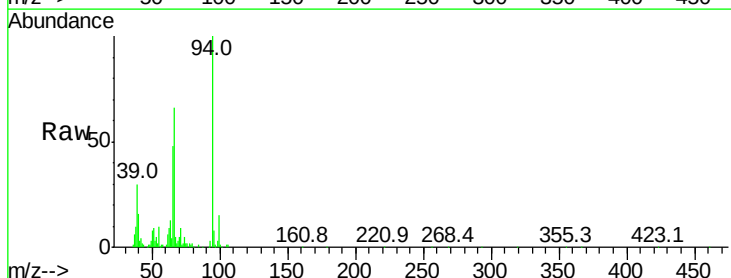
Tgt Ion: 94 Resp: 176174

Ion Ratio Lower Upper

94 100

65 48.3 18.1 58.1

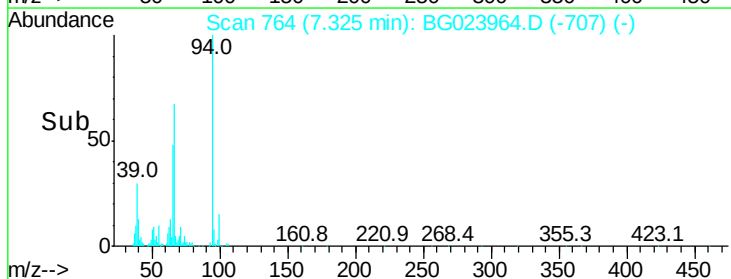
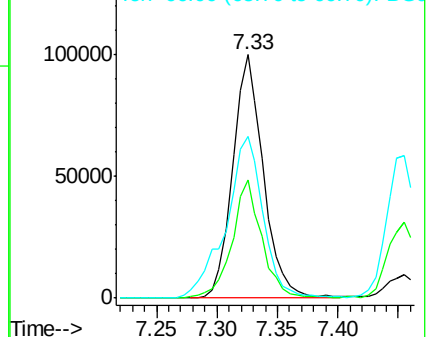
66 66.5 42.1 82.1

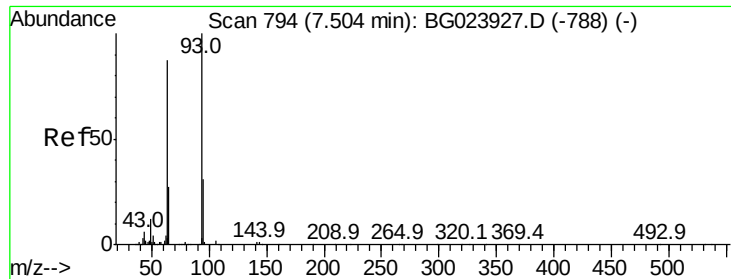


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

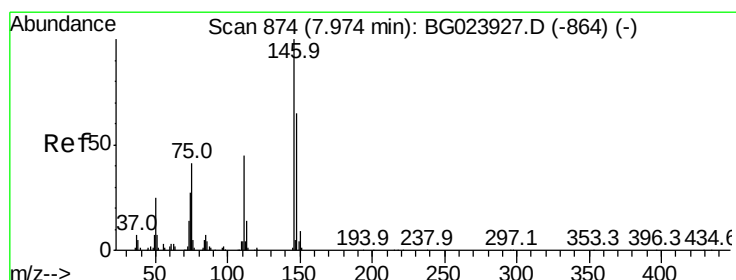
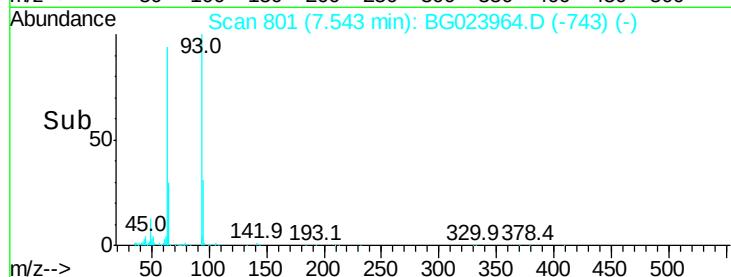
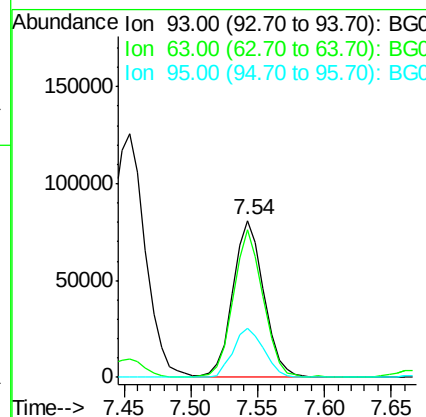
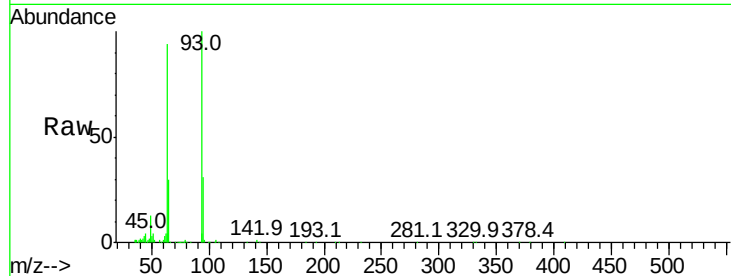




#11
bis(2-Chloroethyl)ether
Concen: 40.02 ng
RT: 7.54 min Scan# 801
Delta R.T. 0.04 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

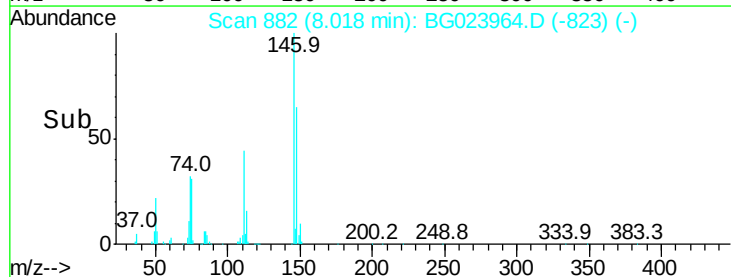
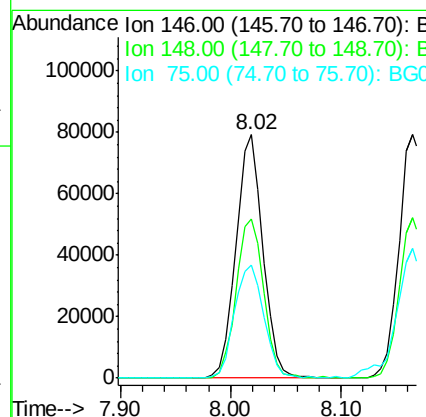
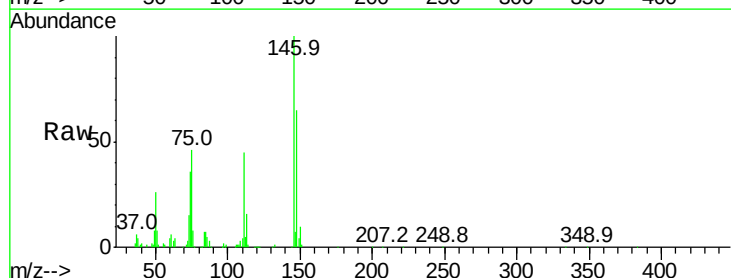
Instrument :
BNA_G
ClientSampleId :

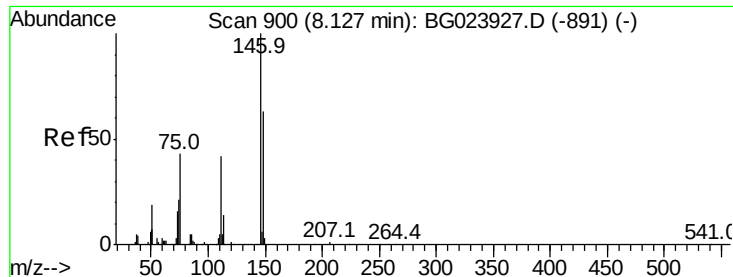
Tot Ion	Ratio	Lower	Upper
93	100		
63	94.3	55.0	95.0
95	31.3	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 38.87 ng
RT: 8.02 min Scan# 882
Delta R.T. 0.04 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.3	75.5
75	46.3	37.0	55.6

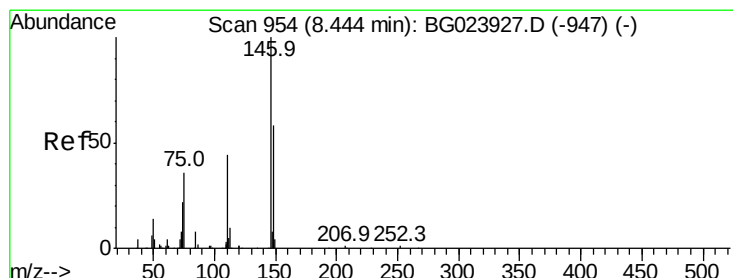
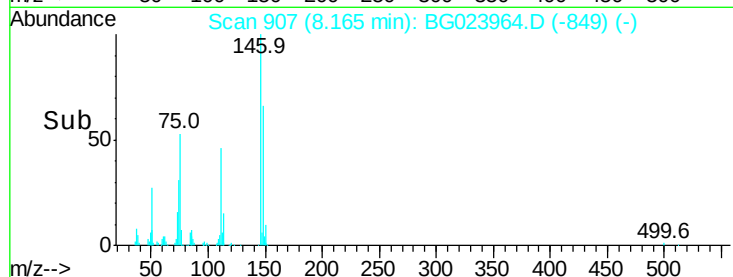
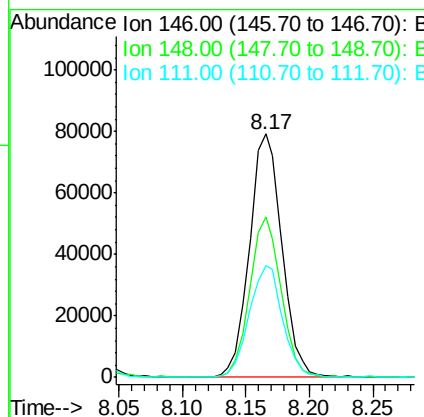
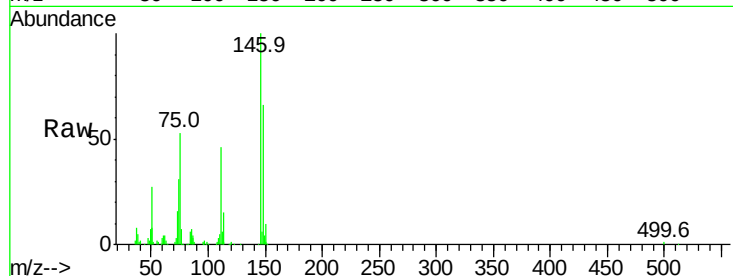




#13
 1,4-Dichlorobenzene
 Concen: 38.25 ng
 RT: 8.17 min Scan# 907
 Delta R.T. 0.04 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

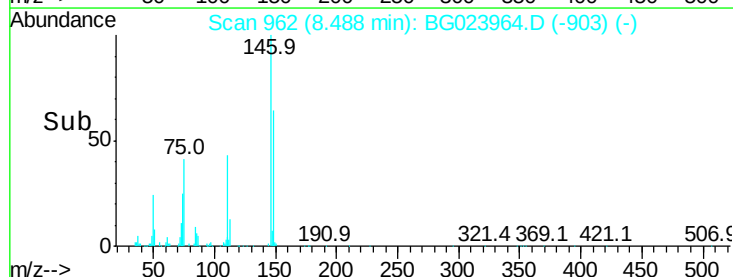
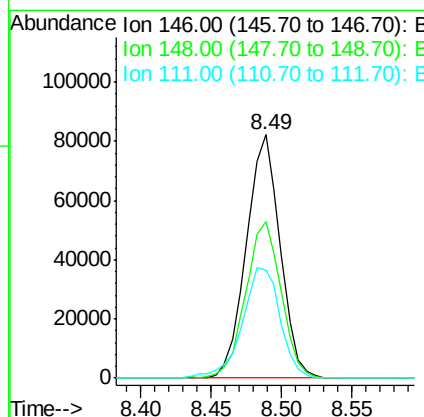
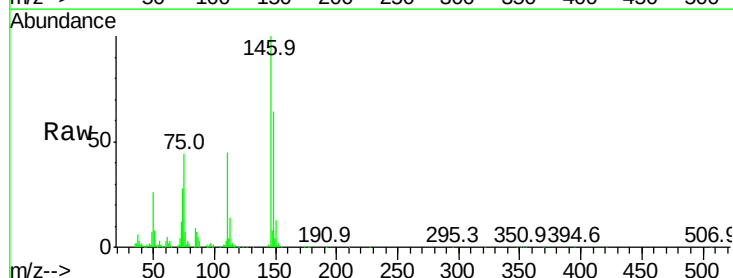
Instrument :
 BNA_G
 ClientSampleId :

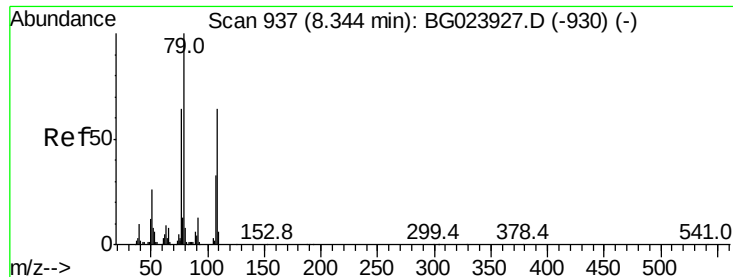
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	54.5	81.7
111	46.0	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 39.74 ng
 RT: 8.49 min Scan# 962
 Delta R.T. 0.04 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.9	79.3
111	44.6	43.5	65.3





#15

Benzyl Alcohol

Concen: 48.00 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampled :

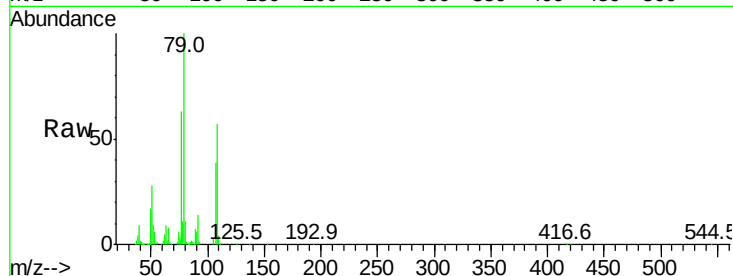
Tot Ion: 79 Resp: 167528

Ion Ratio Lower Upper

79 100

108 57.3 46.5 69.7

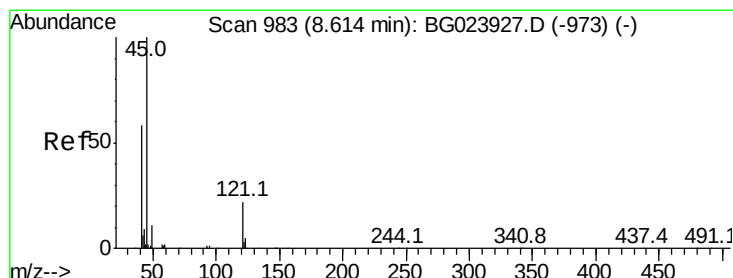
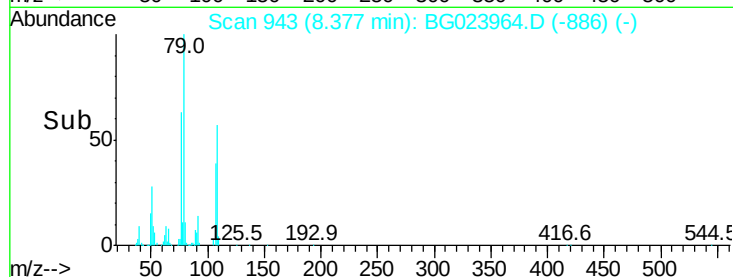
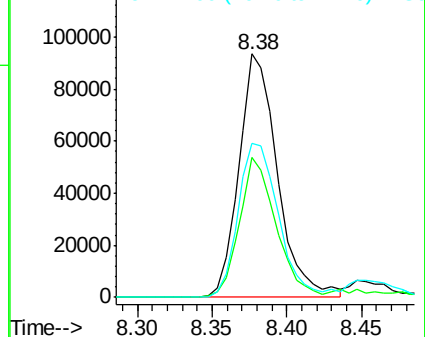
77 63.5 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.09 ng

RT: 8.65 min Scan# 990

Delta R.T. 0.04 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

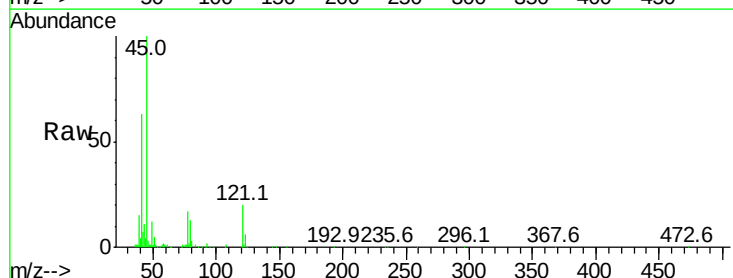
Tgt Ion: 45 Resp: 180462

Ion Ratio Lower Upper

45 100

77 17.2 0.6 40.6

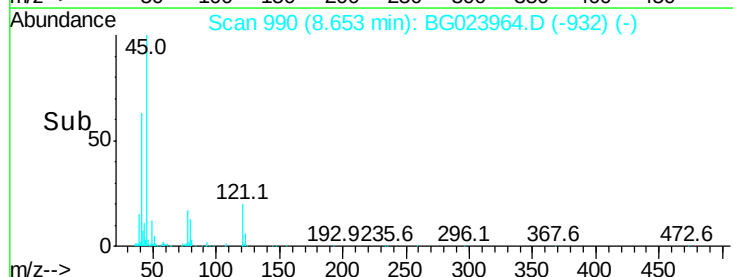
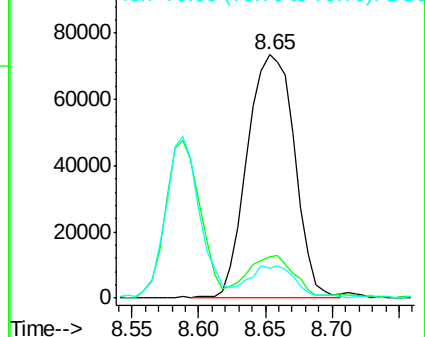
79 12.5 0.0 36.2

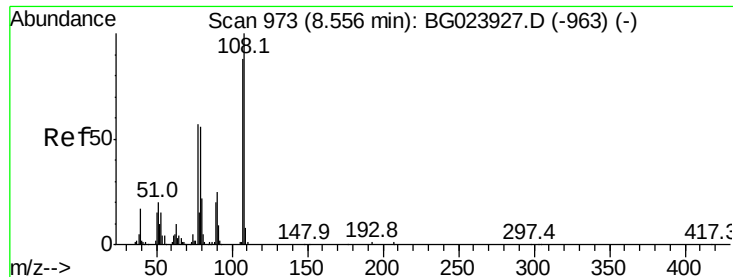


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.75 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 117130

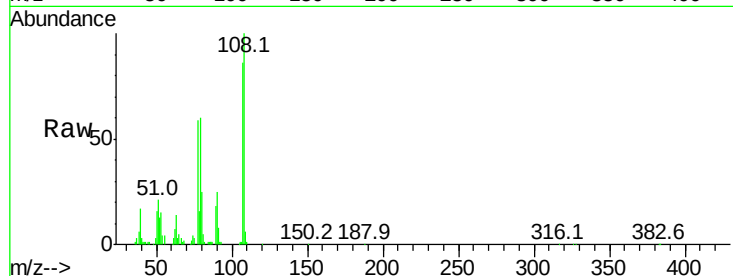
Ion Ratio Lower Upper

107 100

108 116.3 92.0 138.0

77 68.3 55.8 83.6

79 70.2 55.0 82.6



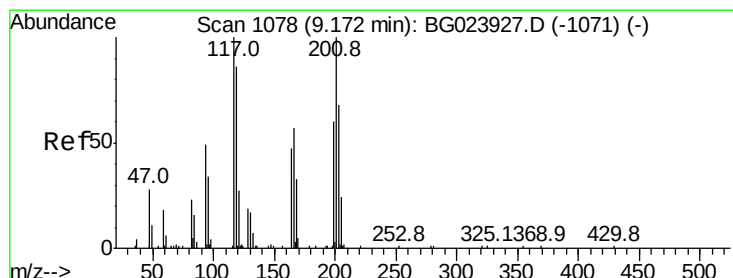
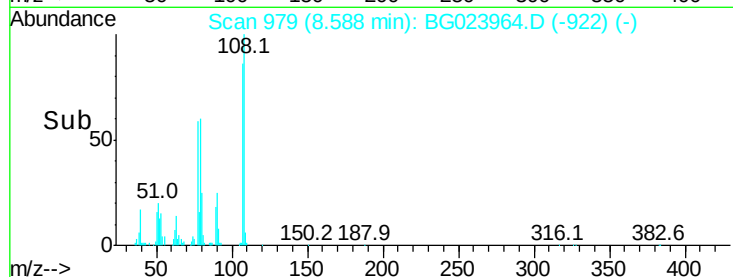
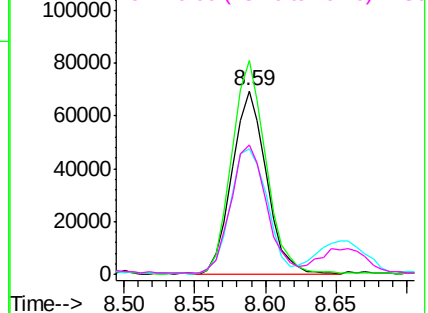
Abundance

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: 43.63 ng

RT: 9.22 min Scan# 1086

Delta R.T. 0.04 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

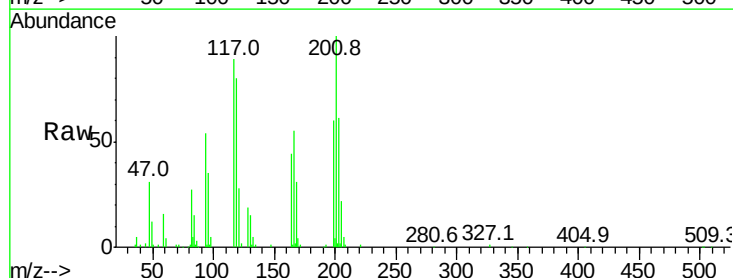
Tgt Ion:117 Resp: 62054

Ion Ratio Lower Upper

117 100

119 90.3 73.7 110.5

201 115.7 88.7 133.1

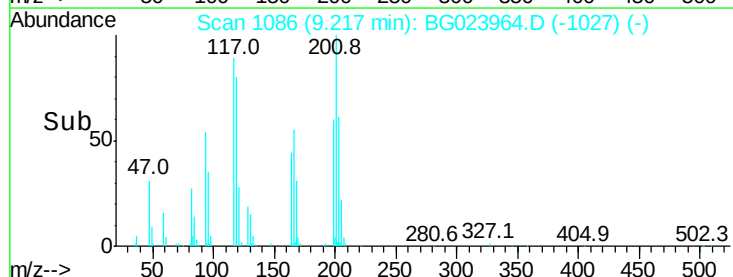
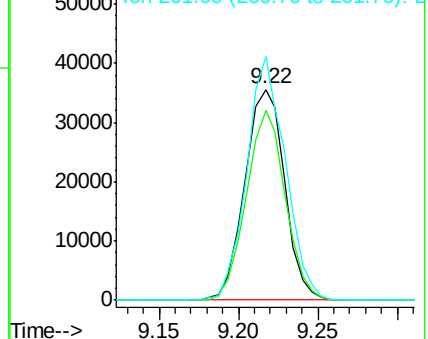


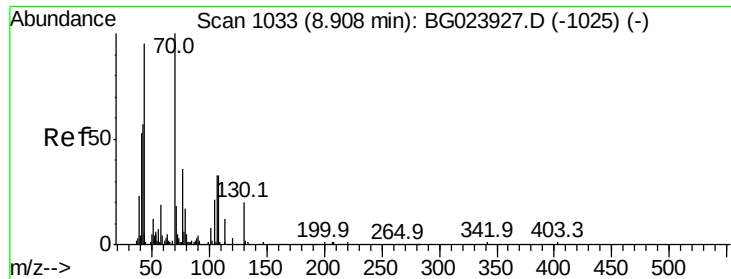
Abundance

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: 46.11 ng

RT: 8.94 min Scan# 1039

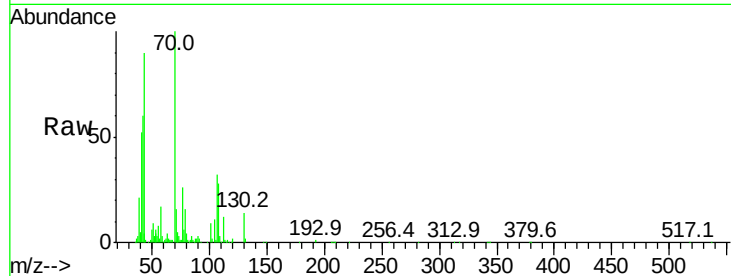
Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	161237
Ion	Ratio	Lower	Upper
70	100		
42	60.2	42.1	63.1
101	8.8	7.2	10.8
130	14.4	14.2	21.2



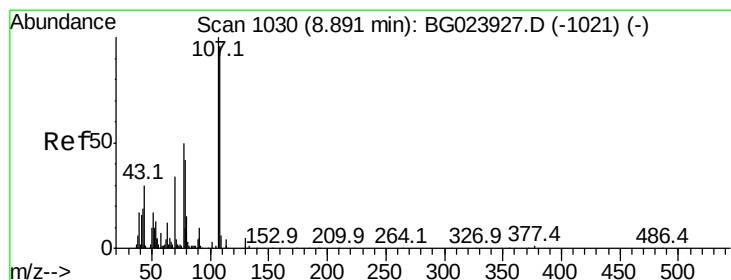
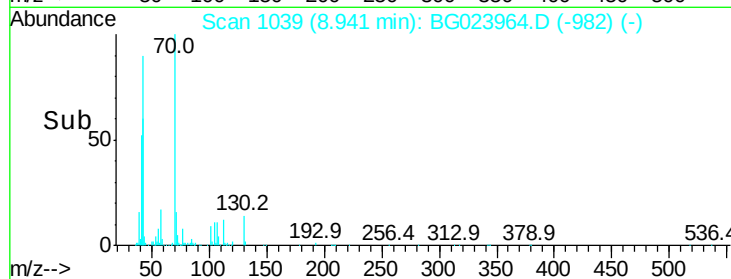
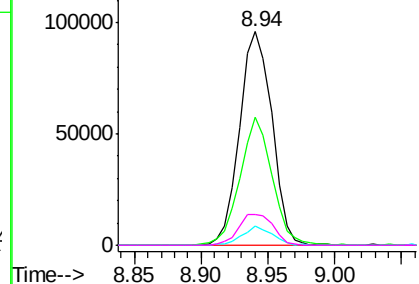
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 44.48 ng

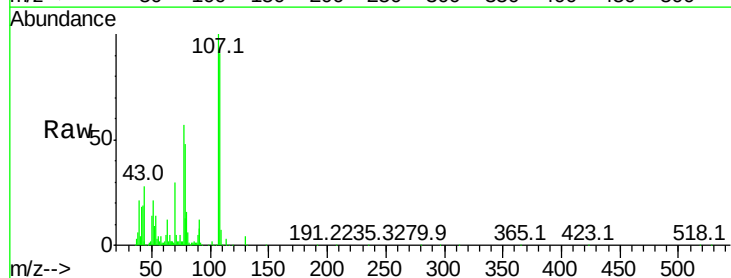
RT: 8.92 min Scan# 1036

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Tgt Ion:	107	Resp:	173903
Ion	Ratio	Lower	Upper
107	100		
108	91.0	72.5	112.5
77	56.6	30.1	70.1
79	47.7	24.2	64.2



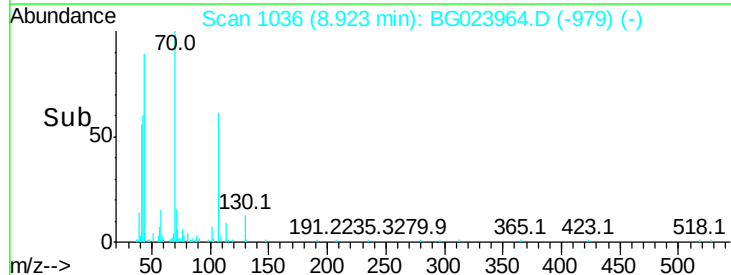
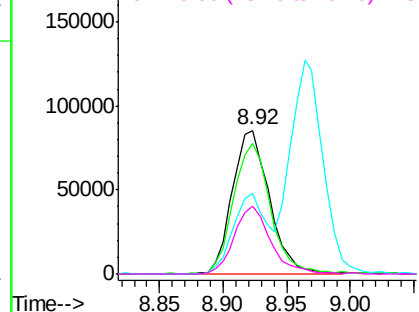
Abundance

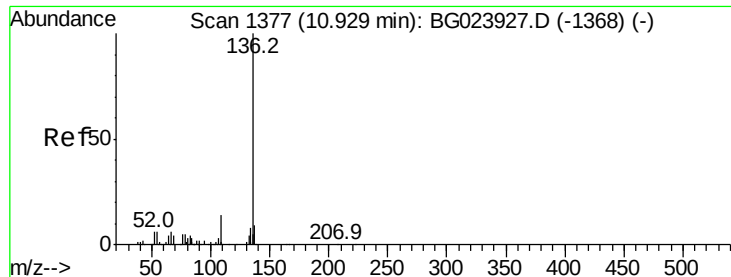
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

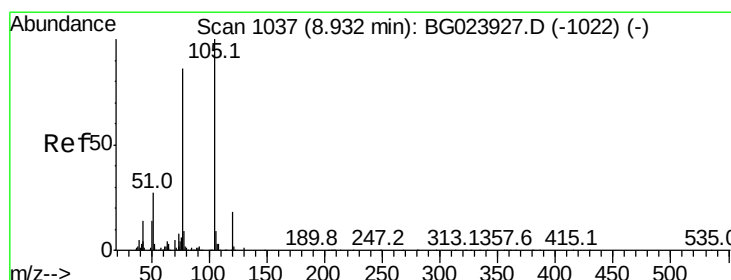
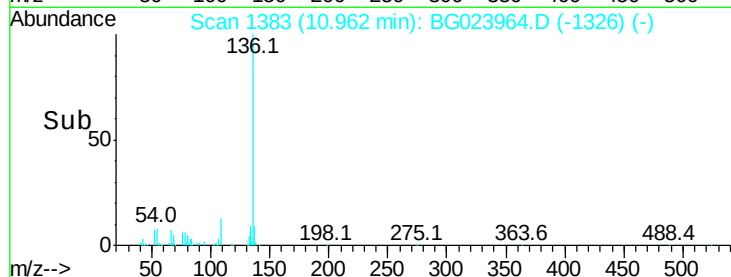
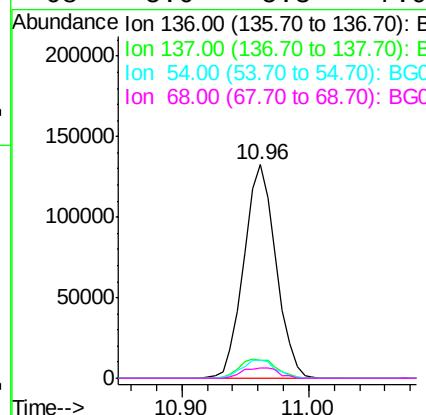
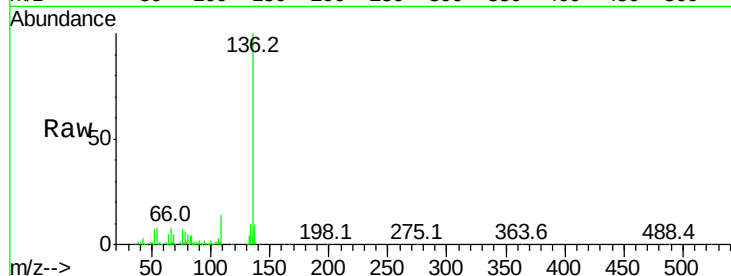




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1383
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

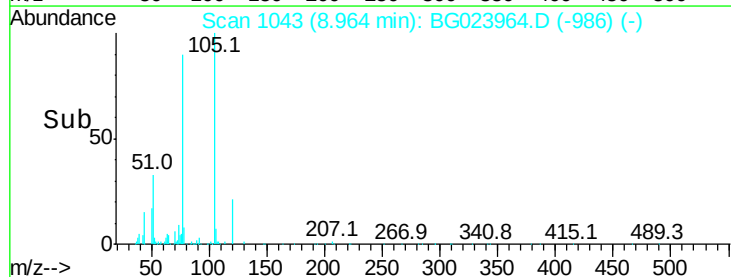
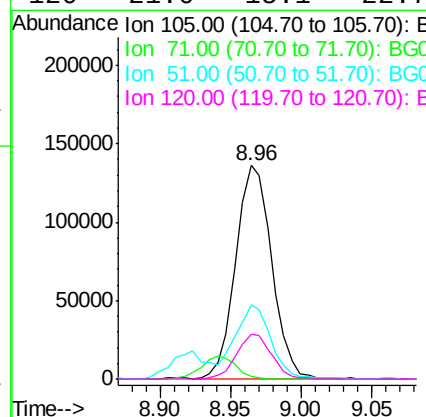
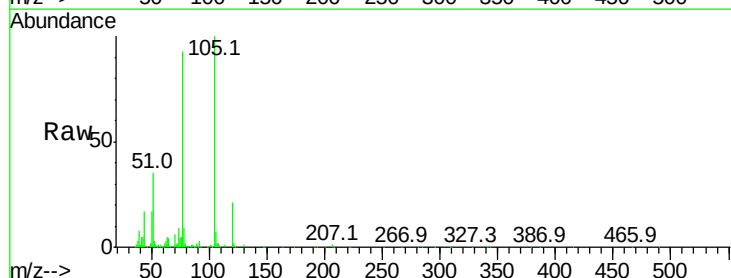
Instrument :
BNA_G
ClientSampleId :

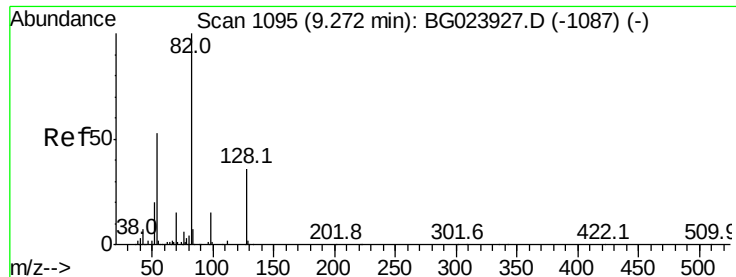
Tot Ion:136	Resp: 232424
Ion Ratio	Lower Upper
136 100	
137 8.7	9.6 14.4#
54 8.5	7.3 10.9
68 5.0	5.3 7.9#



#22
Acetophenone
Concen: 40.13 ng
RT: 8.96 min Scan# 1043
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

Tgt	Ion:105	Resp:	241478
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.6	3.8#
51	34.7	27.1	40.7
120	21.0	15.1	22.7

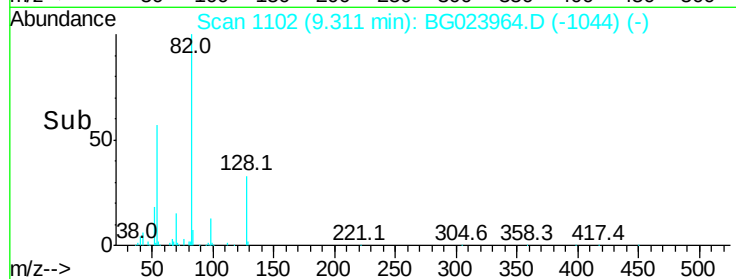
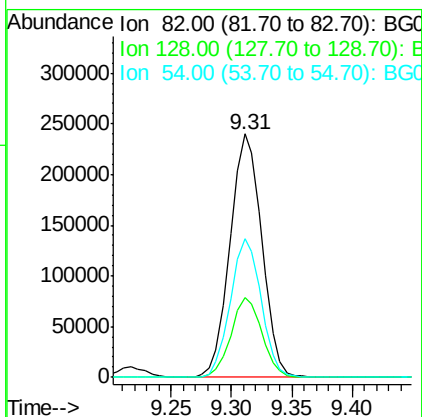
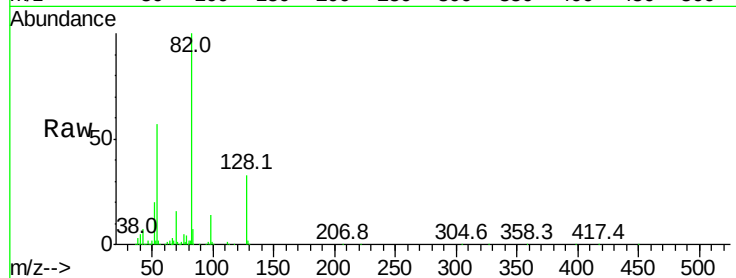




#23
 Nitrobenzene-d5
 Concen: 84.61 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.04 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

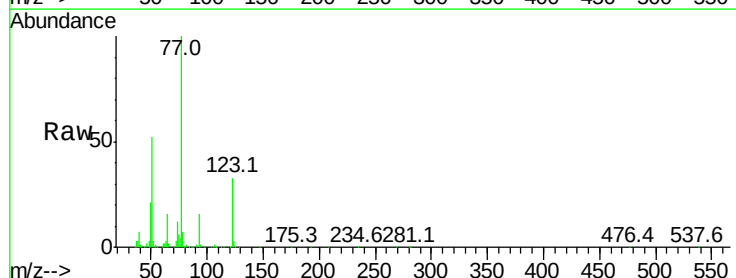
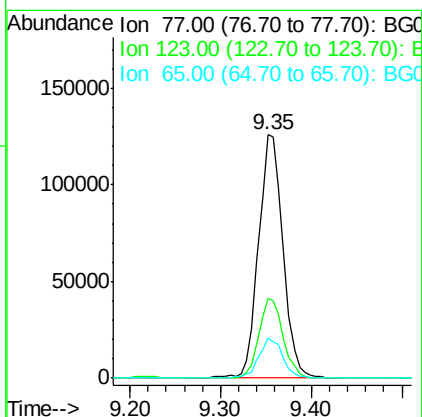
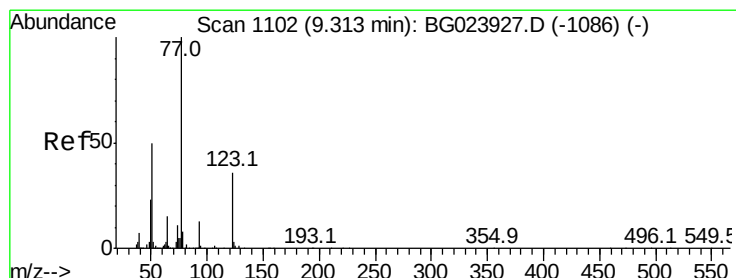
Instrument :
 BNA_G
 ClientSampleId :

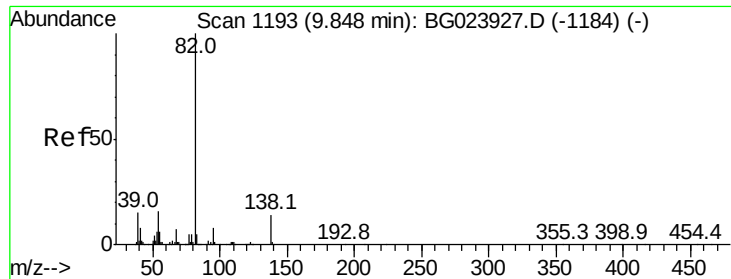
Tot Ion	82	Resp	440505
Ion Ratio	100	Lower	Upper
128	32.5	24.4	36.6
54	57.0	41.4	62.0



#24
 Nitrobenzene
 Concen: 42.20 ng
 RT: 9.35 min Scan# 1109
 Delta R.T. 0.04 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

Tgt Ion	77	Resp	236238
Ion Ratio	100	Lower	Upper
123	32.7	25.0	37.6
65	16.4	13.4	20.0





#25

Isophorone

Concen: 42.26 ng

RT: 9.88 min Scan# 1199

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

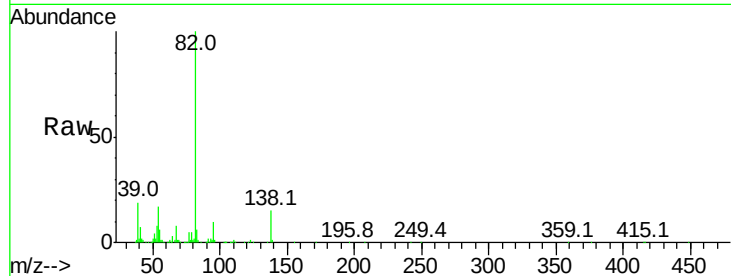
Tot Ion: 82 Resp: 426663

Ion Ratio Lower Upper

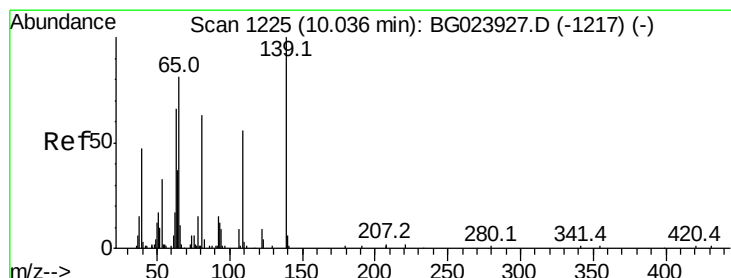
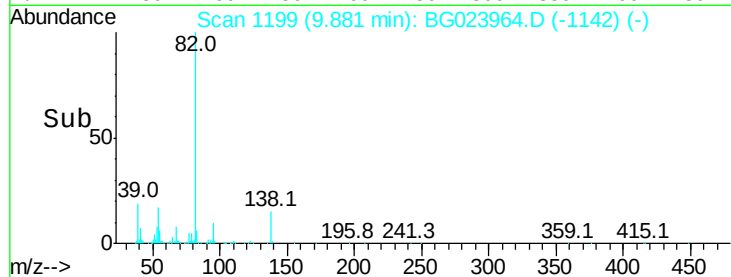
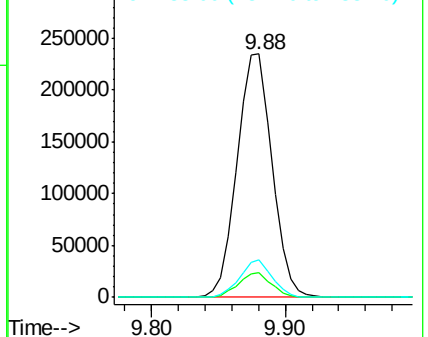
82 100

95 10.0 8.2 12.2

138 15.2 10.7 16.1



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



#26

2-Nitrophenol

Concen: 43.54 ng

RT: 10.07 min Scan# 1232

Delta R.T. 0.04 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

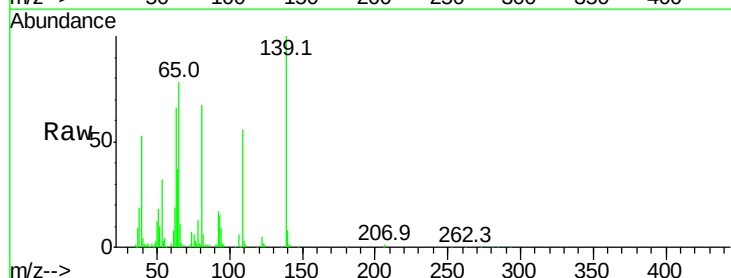
Tgt Ion: 139 Resp: 92673

Ion Ratio Lower Upper

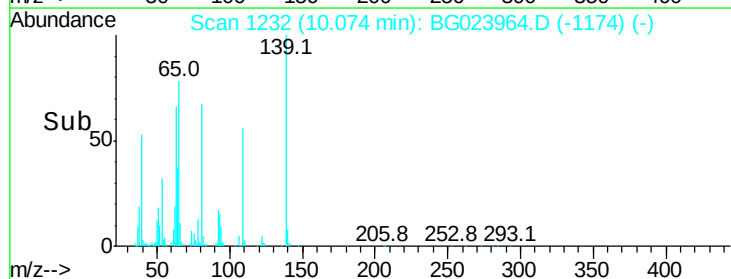
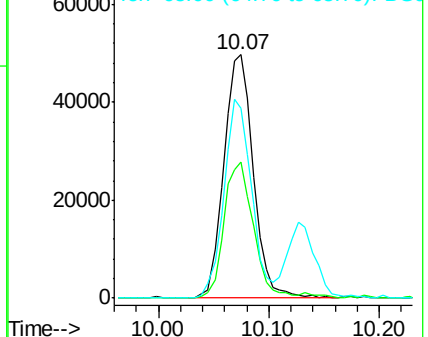
139 100

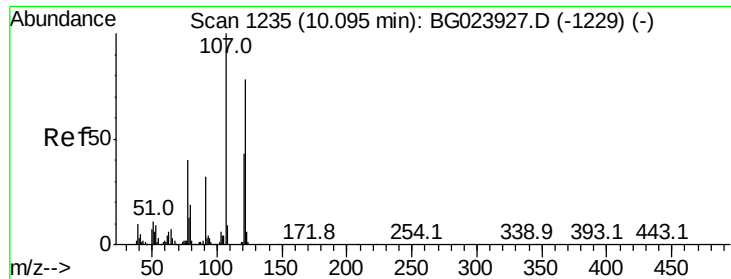
109 55.7 43.5 65.3

65 78.1 64.3 96.5



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

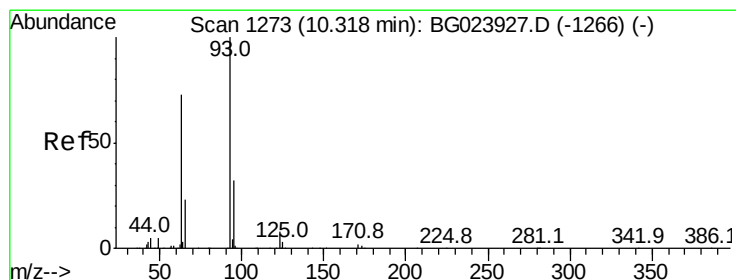
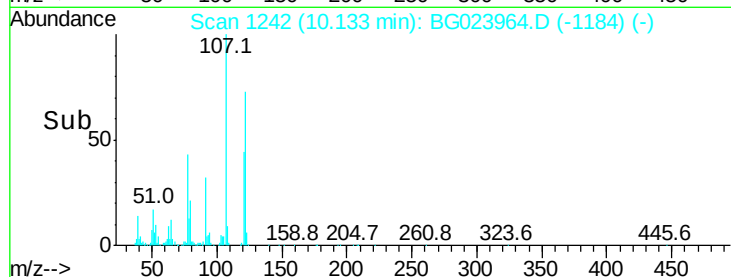
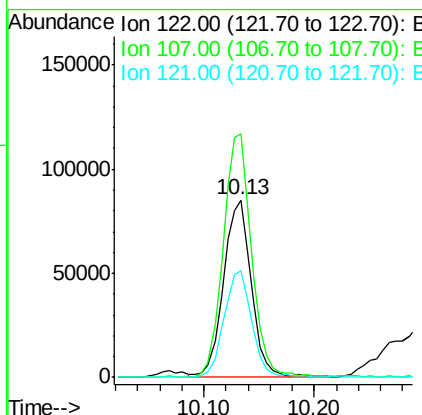
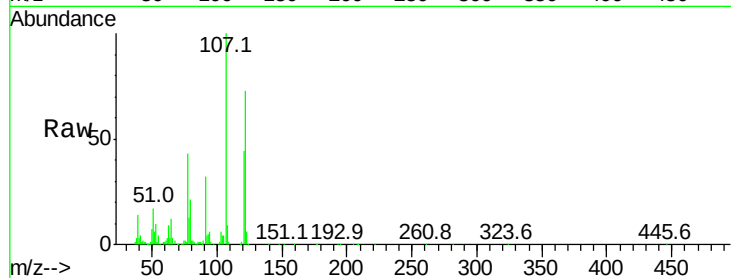




#27
 2,4-Dimethylphenol
 Concen: 41.19 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. 0.04 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

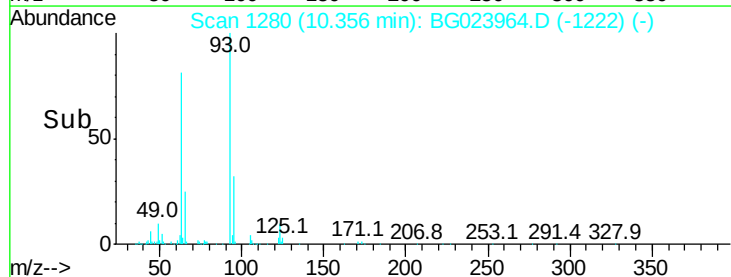
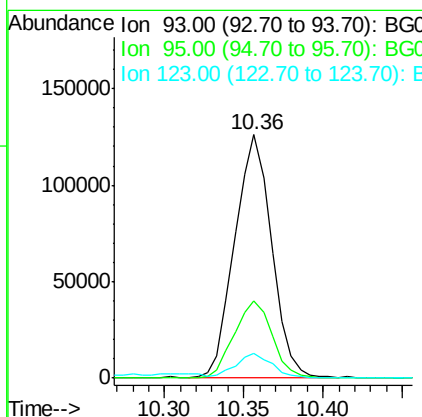
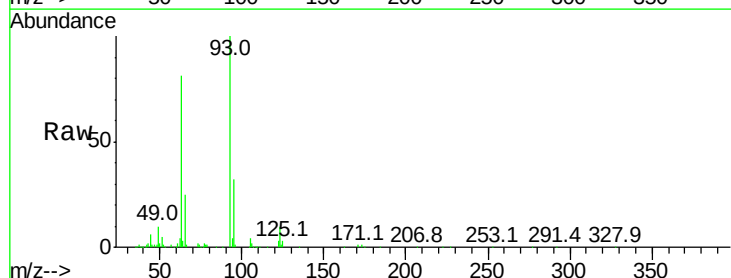
Instrument :
 BNA_G
 ClientSampleId :

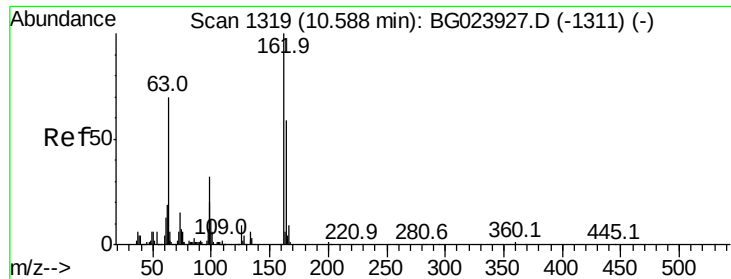
Tot Ion:122 Resp: 148990
 Ion Ratio Lower Upper
 122 100
 107 137.5 117.0 175.4
 121 60.1 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.11 ng
 RT: 10.36 min Scan# 1280
 Delta R.T. 0.04 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

Tgt Ion: 93 Resp: 204480
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.4 38.2
 123 10.2 8.2 12.2

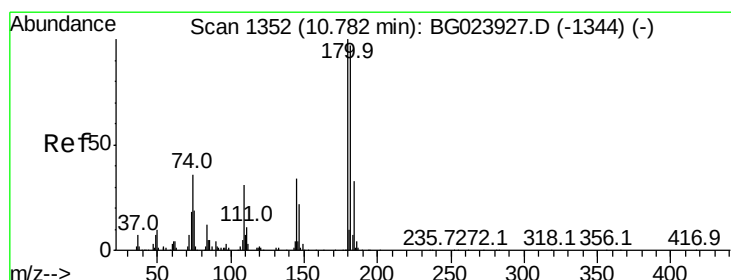
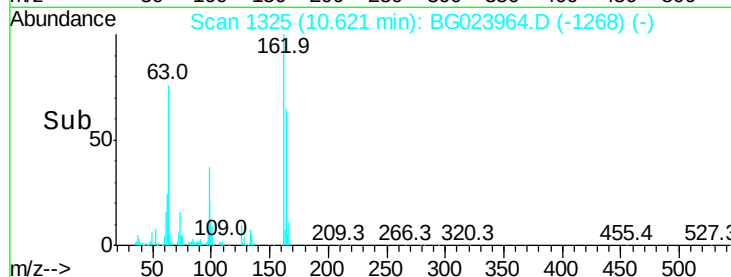
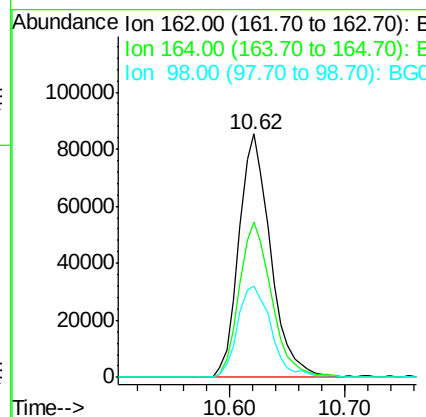
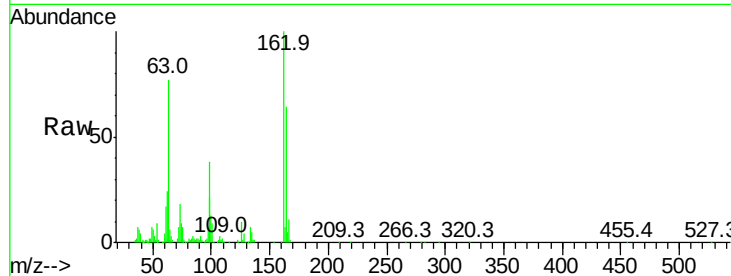




#29
2,4-Dichlorophenol
Concen: 42.39 ng
RT: 10.62 min Scan# 1325
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

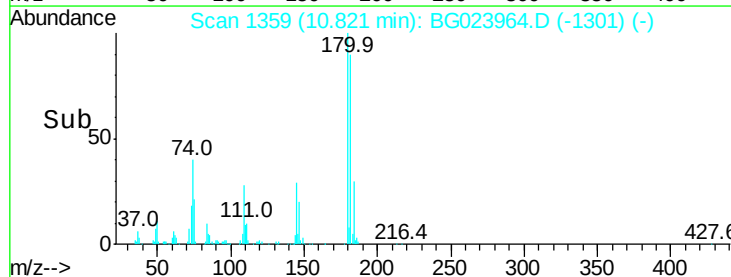
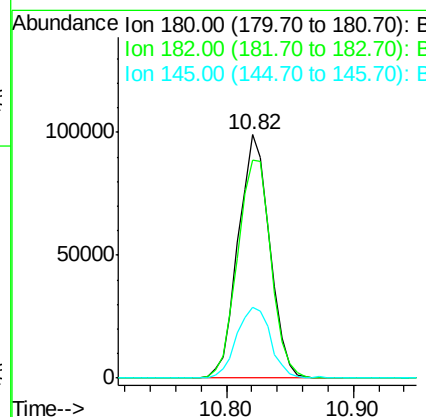
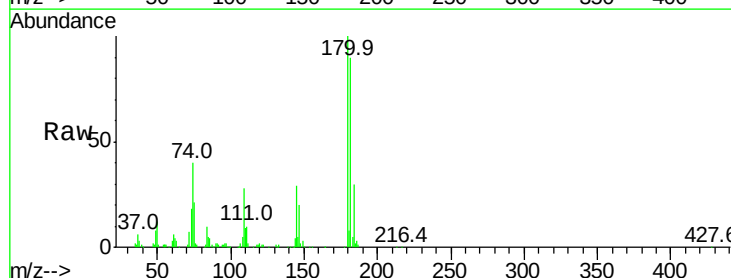
Instrument :
BNA_G
ClientSampleId :

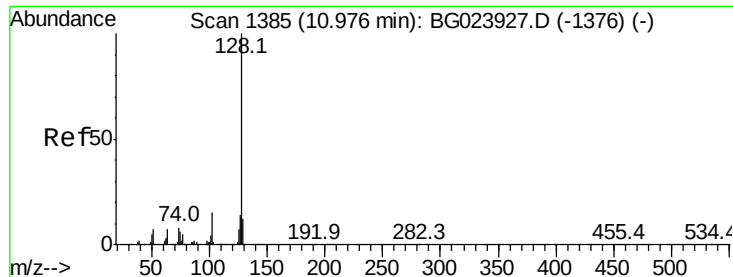
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.3	84.3
98	37.7	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 40.34 ng
RT: 10.82 min Scan# 1359
Delta R.T. 0.04 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.5	73.8	110.8
145	28.9	24.4	36.6

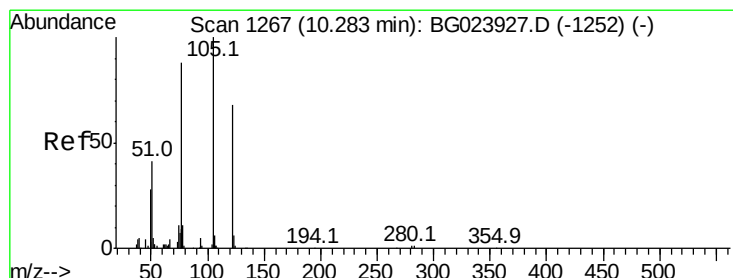
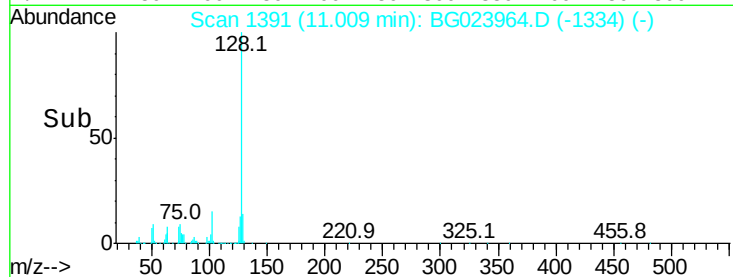
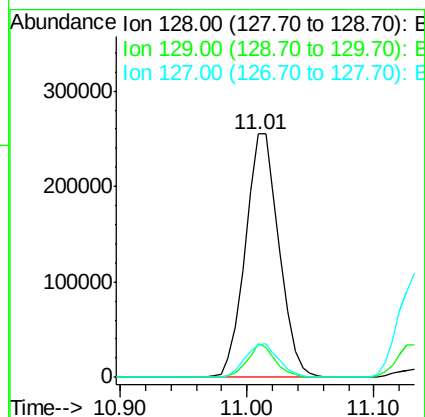
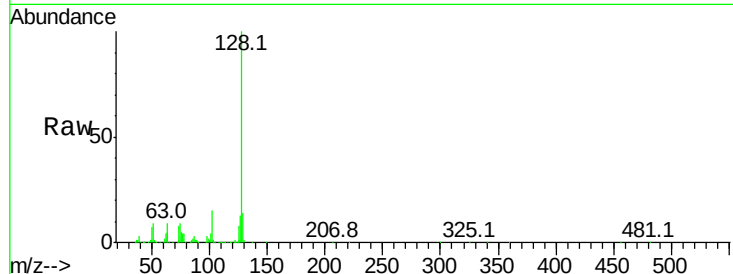




#31
Naphthalene
Concen: 39.16 ng
RT: 11.01 min Scan# 1391
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

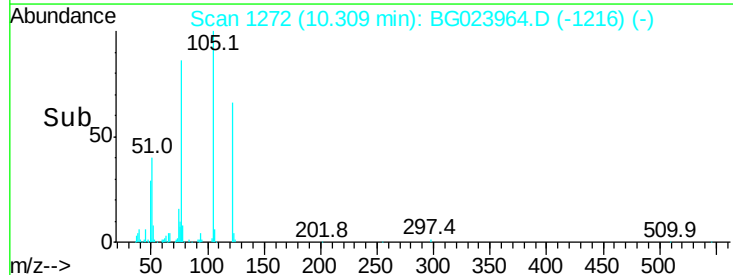
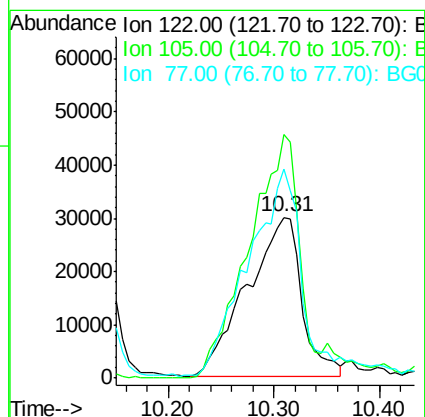
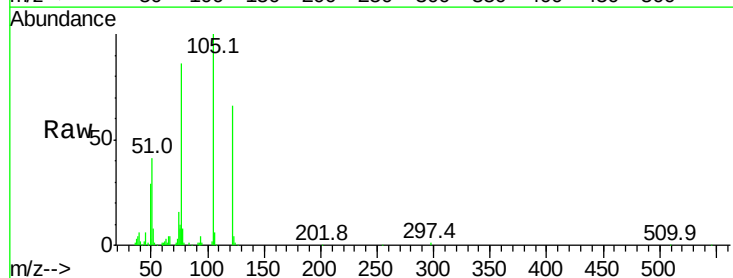
Instrument :
BNA_G
ClientSampleId :

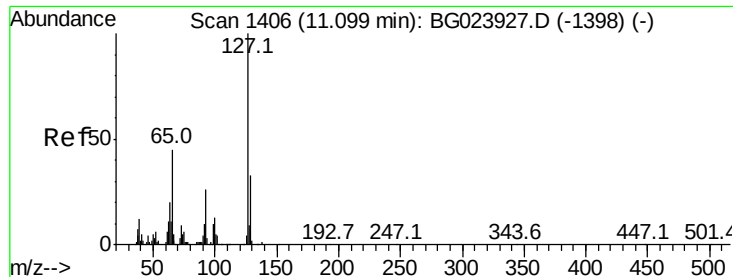
Tot Ion:128 Resp: 469033
Ion Ratio Lower Upper
128 100
129 13.6 9.4 14.0
127 13.4 11.3 16.9



#32
Benzoic acid
Concen: 36.75 ng
RT: 10.31 min Scan# 1272
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

Tgt Ion:122 Resp: 107948
Ion Ratio Lower Upper
122 100
105 151.5 117.2 157.2
77 129.7 109.2 149.2

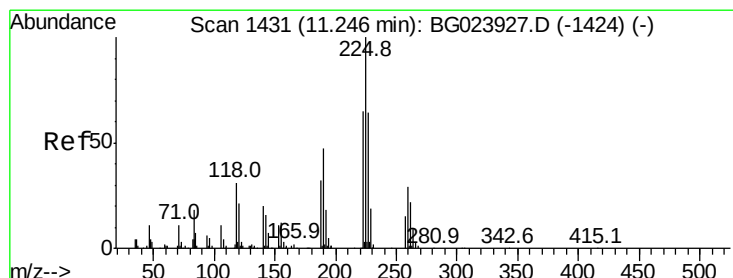
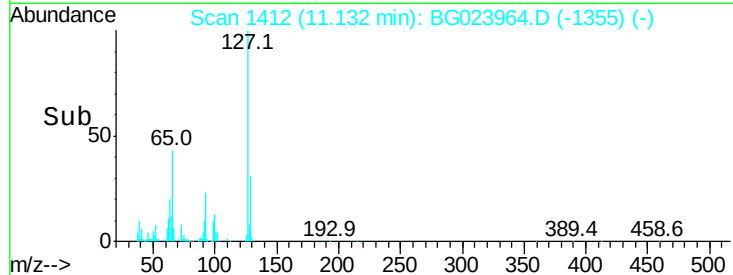
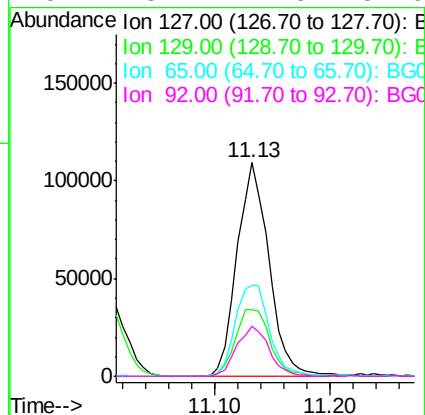
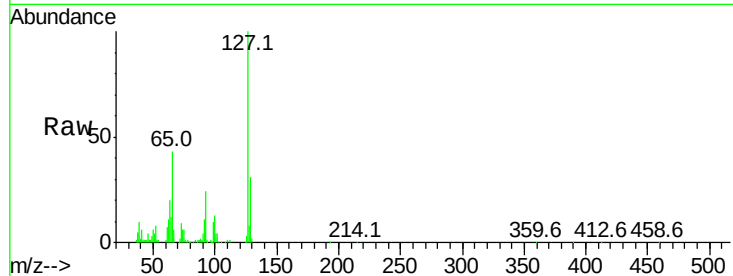




#33
4-Chloroaniline
Concen: 41.90 ng
RT: 11.13 min Scan# 1412
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

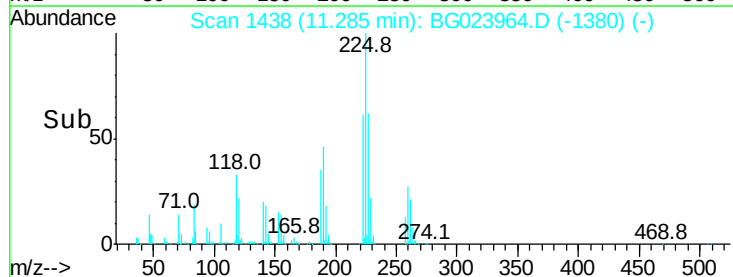
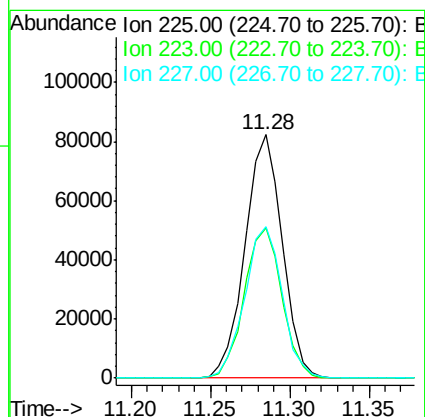
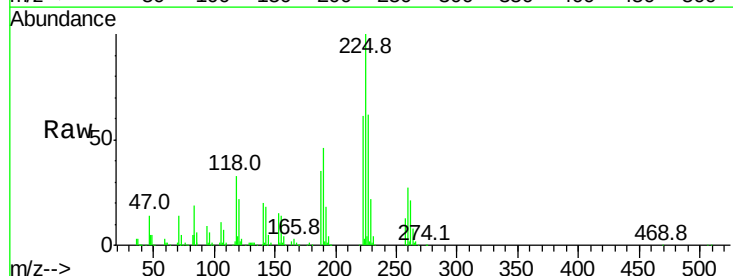
Instrument :
BNA_G
ClientSampleId :

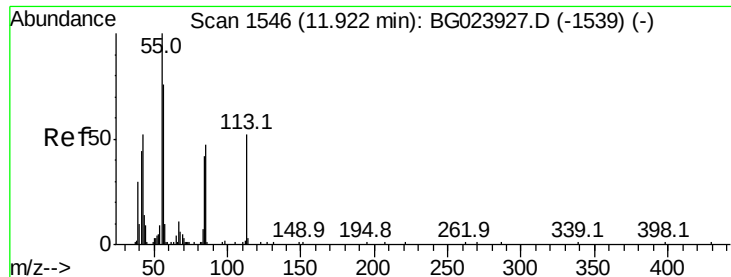
Tot Ion:	127	Resp:	209524
Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.9	41.9
65	42.6	36.8	55.2
92	23.7	21.0	31.6



#34
Hexachlorobutadiene
Concen: 42.55 ng
RT: 11.28 min Scan# 1438
Delta R.T. 0.04 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

Tgt Ion:	225	Resp:	134327
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.6	74.4
227	62.0	54.5	81.7





#35

Caprolactam

Concen: 39.61 ng

RT: 11.94 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

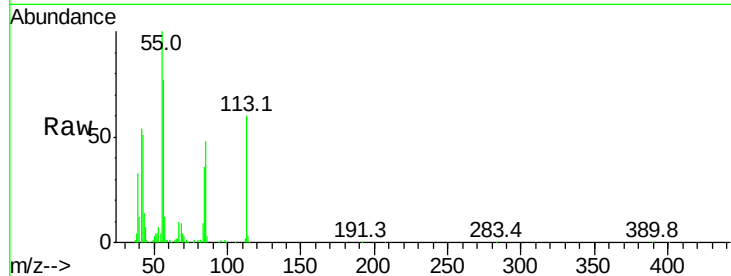
Tot Ion:113 Resp: 53493

Ion Ratio Lower Upper

113 100

55 167.5 154.5 194.5

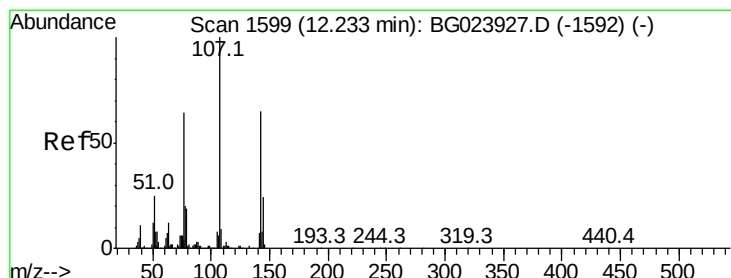
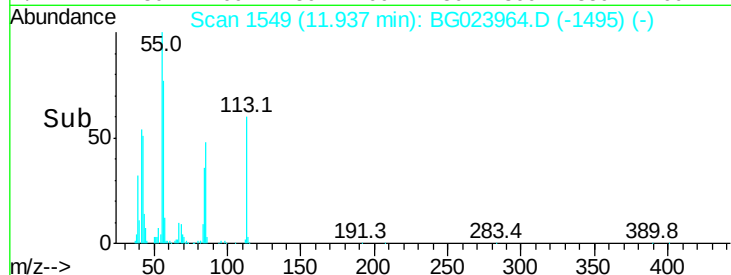
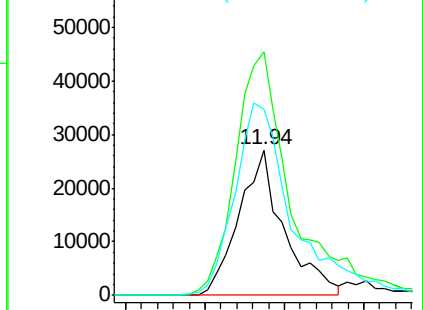
56 128.2 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.06 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

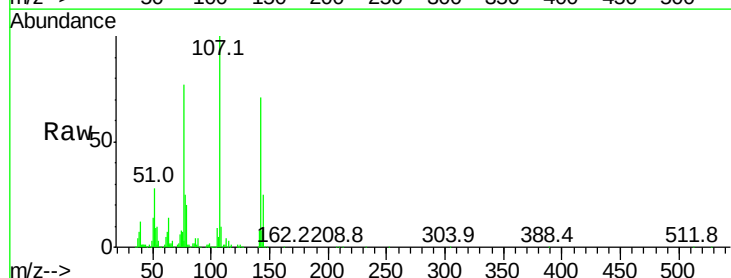
Tgt Ion:107 Resp: 230750

Ion Ratio Lower Upper

107 100

144 24.9 17.0 25.6

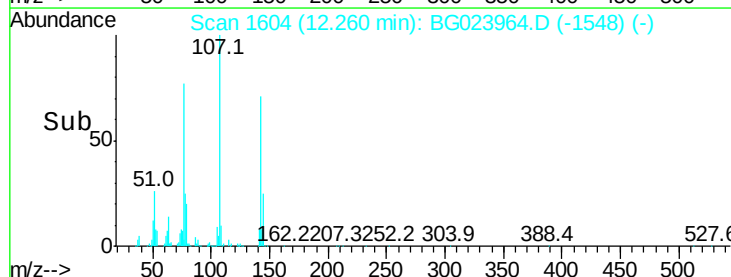
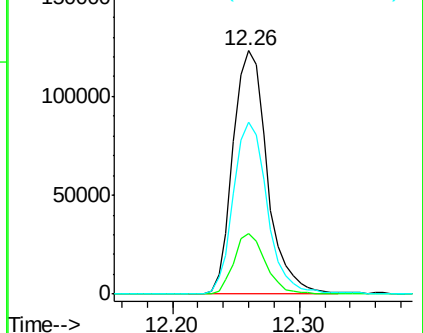
142 70.6 53.0 79.6

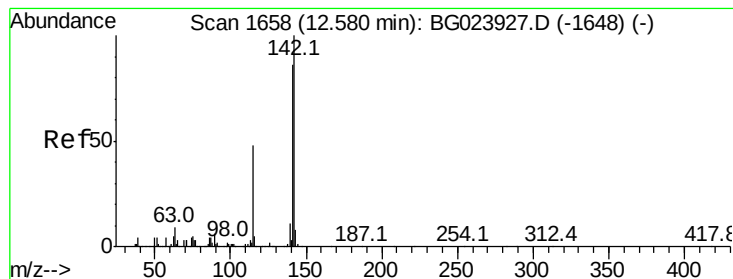


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.95 ng

RT: 12.61 min Scan# 1664

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

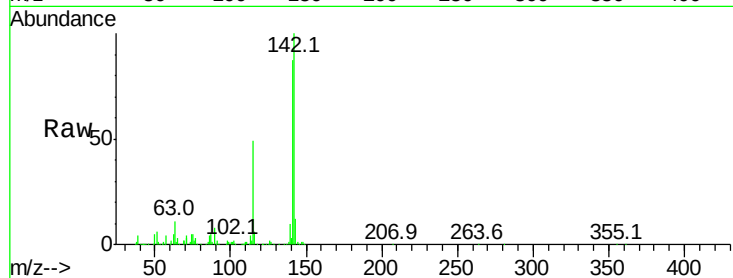
Tot Ion:142 Resp: 373048

Ion Ratio Lower Upper

142 100

141 87.5 70.2 105.2

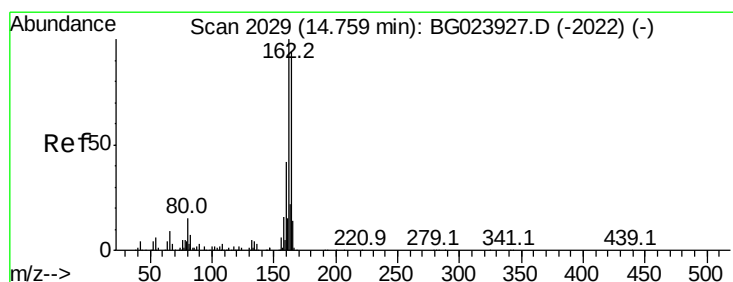
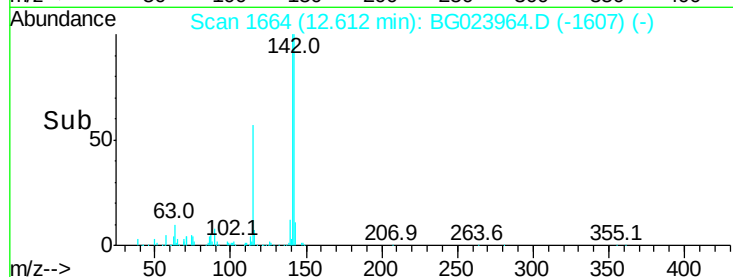
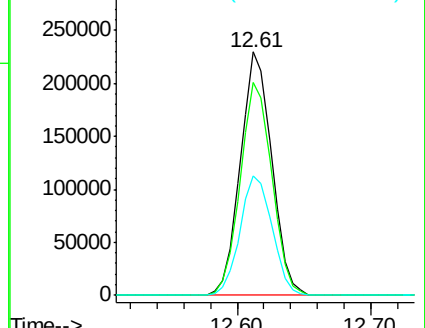
115 49.2 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

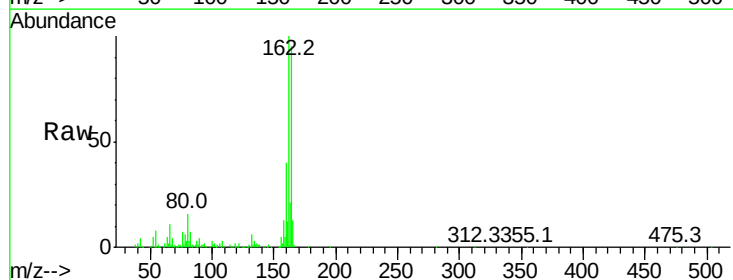
Tgt Ion:164 Resp: 190746

Ion Ratio Lower Upper

164 100

162 104.7 87.7 131.5

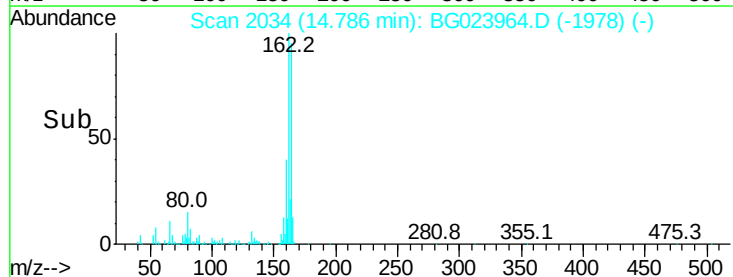
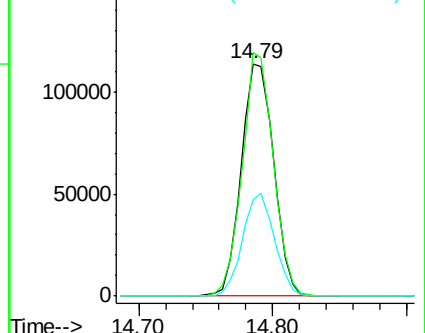
160 41.7 37.2 55.8

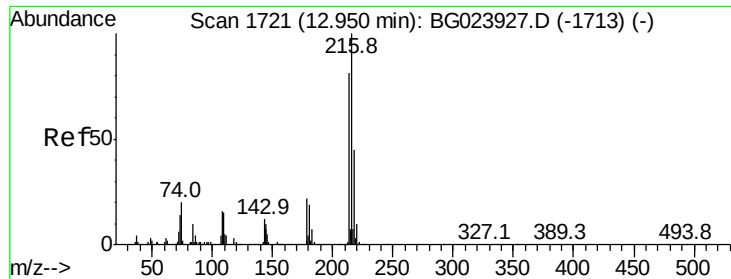


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

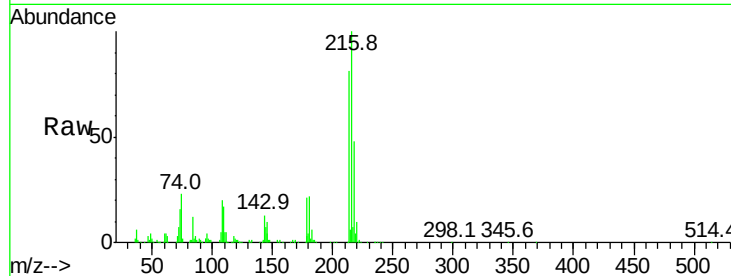




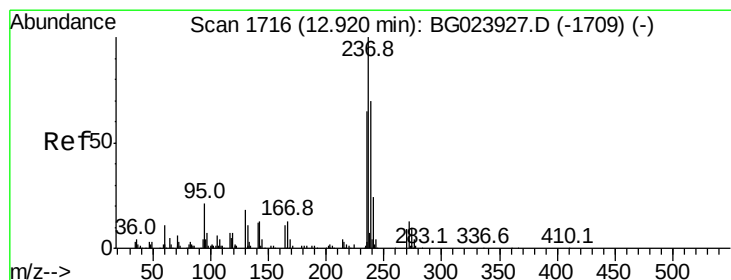
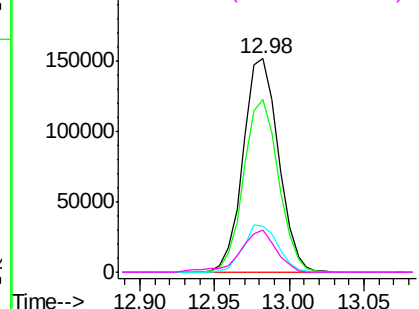
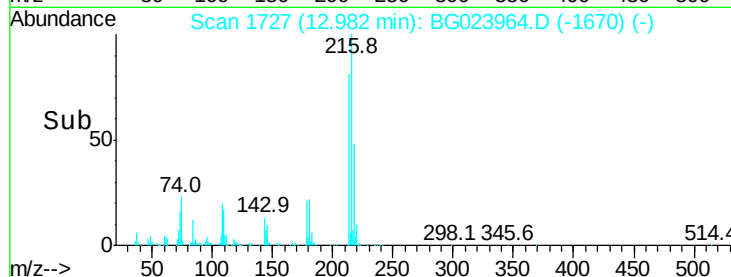
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.22 ng
 RT: 12.98 min Scan# 1727
 Delta R.T. 0.03 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	248323
Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.9	94.3
179	21.8	17.2	25.8
108	20.4	16.3	24.5

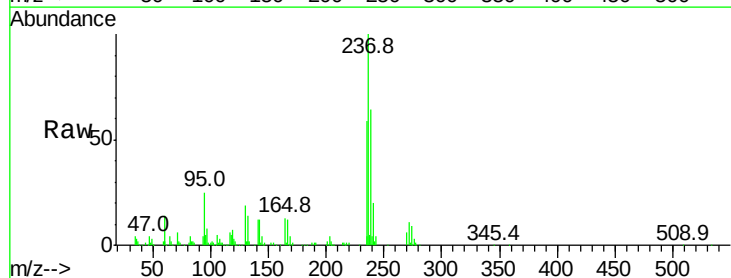


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

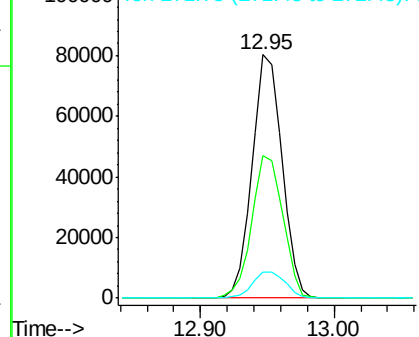
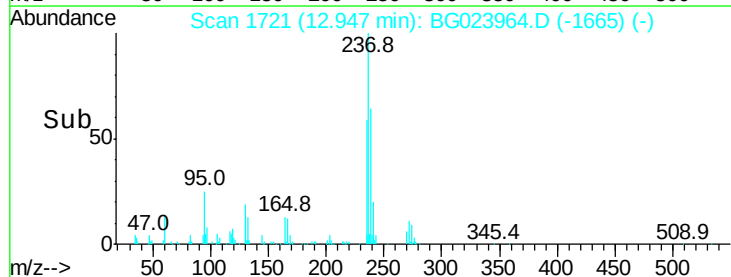


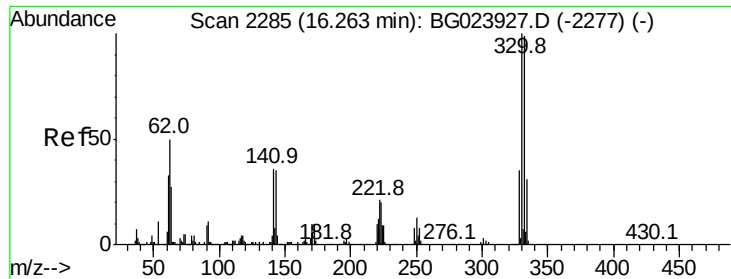
#40
 Hexachlorocyclopentadiene
 Concen: 36.63 ng
 RT: 12.95 min Scan# 1721
 Delta R.T. 0.03 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

Tgt Ion:	237	Resp:	123688
Ion	Ratio	Lower	Upper
237	100		
235	58.7	43.1	83.1
272	10.9	0.0	30.9



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

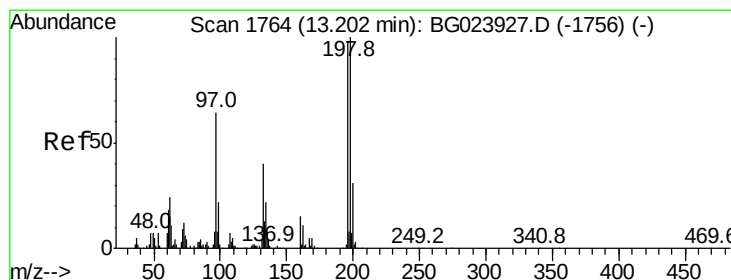
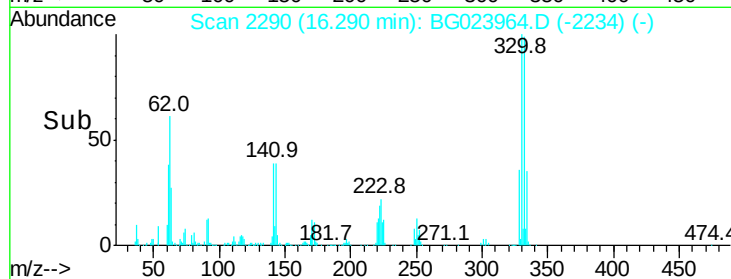
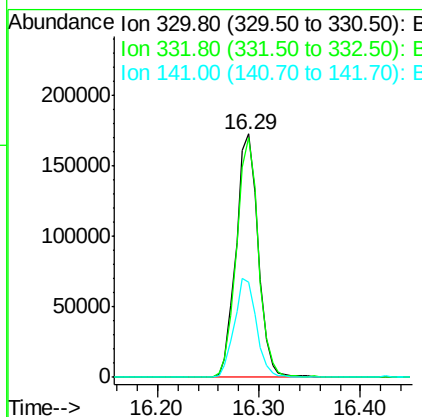
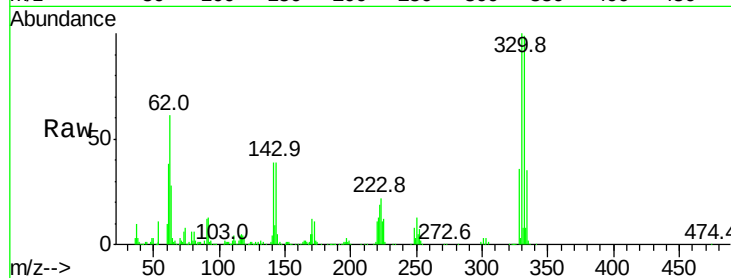




#41
 2,4,6-Tribromophenol
 Concen: 76.20 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.03 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

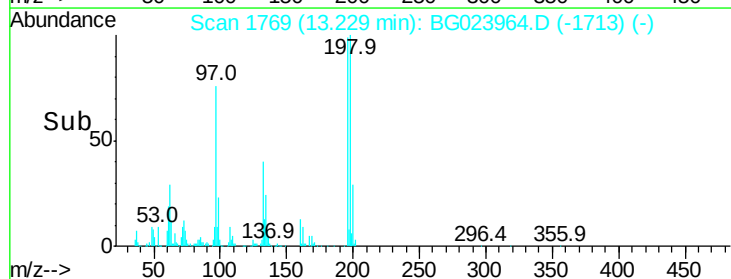
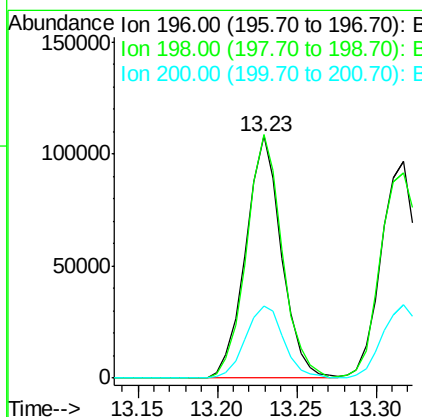
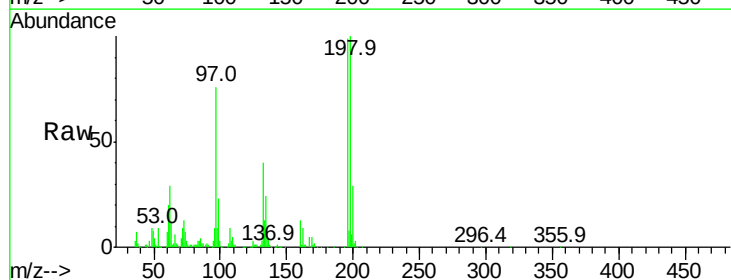
Instrument :
 BNA_G
 ClientSampled :

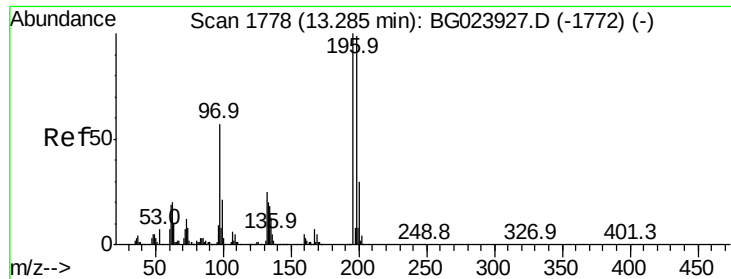
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	40.4	31.7	47.5



#42
 2,4,6-Trichlorophenol
 Concen: 40.12 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.03 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.6	78.2	117.2
200	29.6	27.0	40.4

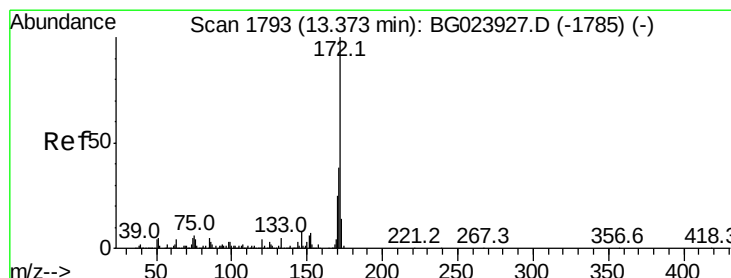
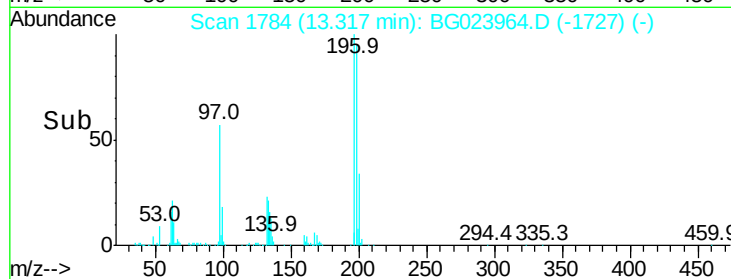
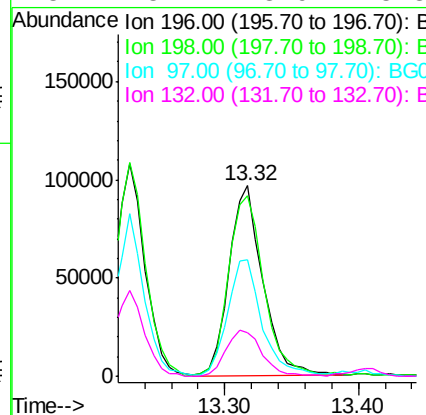
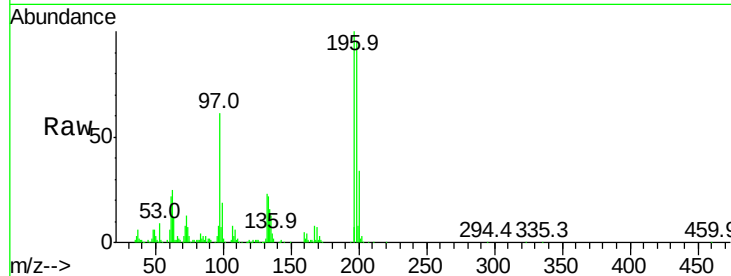




#43
 2,4,5-Trichlorophenol
 Concen: 39.83 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. 0.03 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

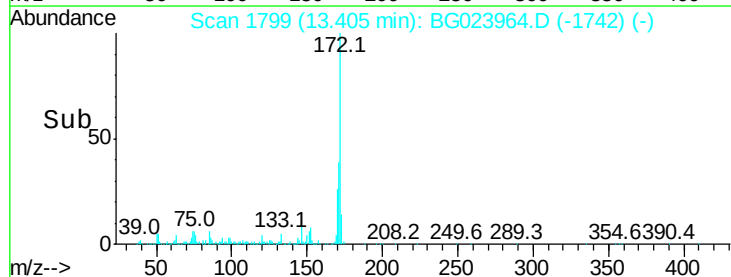
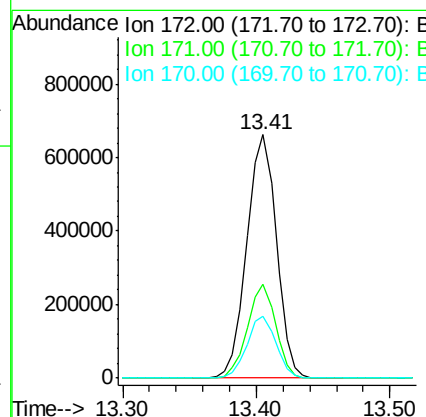
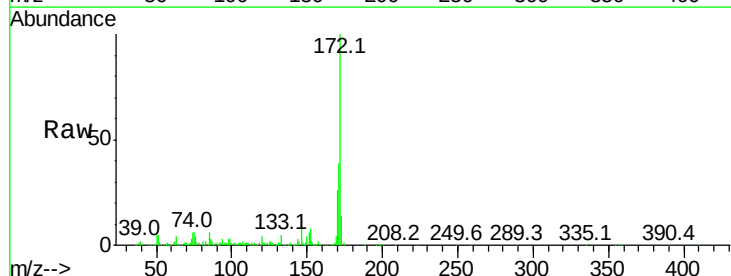
Instrument :
 BNA_G
 ClientSampleId :

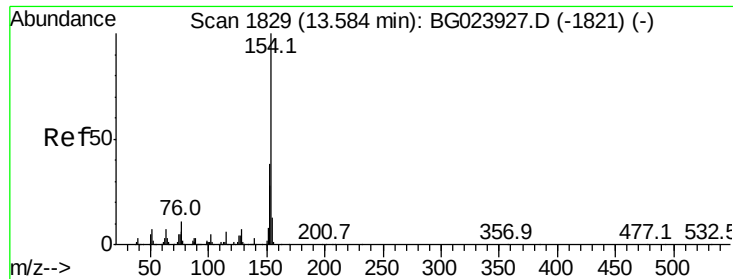
Tot Ion:196 Resp: 170112
 Ion Ratio Lower Upper
 196 100
 198 94.7 85.7 128.5
 97 61.0 45.5 68.3
 132 23.2 18.9 28.3



#44
 2-Fluorobiphenyl
 Concen: 75.99 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. 0.03 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

Tgt Ion:172 Resp: 1011028
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.6 47.4
 170 25.5 21.3 31.9





#45

1,1'-Biphenyl

Concen: 38.04 ng

RT: 13.62 min Scan# 1835

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampled :

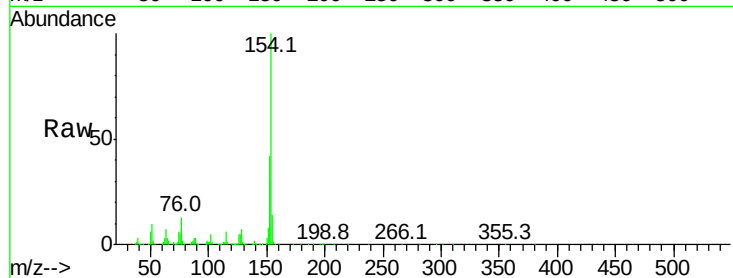
Tot Ion:154 Resp: 583571

Ion Ratio Lower Upper

154 100

153 42.0 20.2 60.2

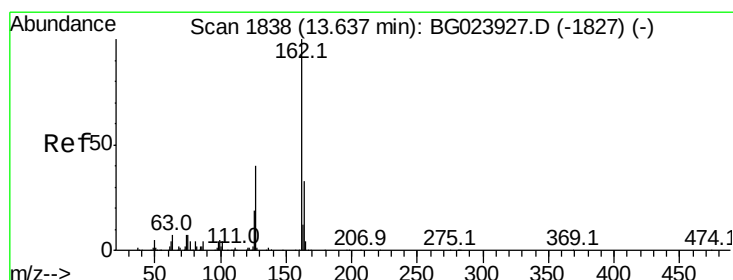
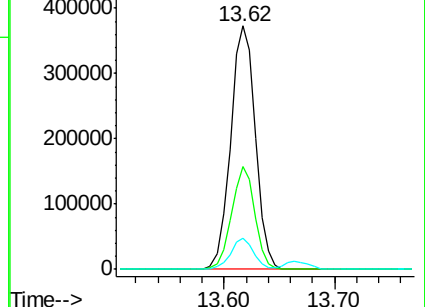
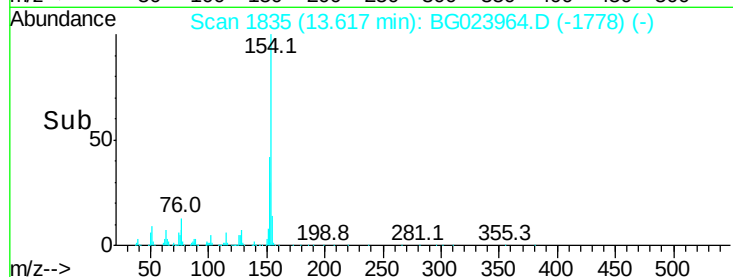
76 12.8 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 37.48 ng

RT: 13.66 min Scan# 1843

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

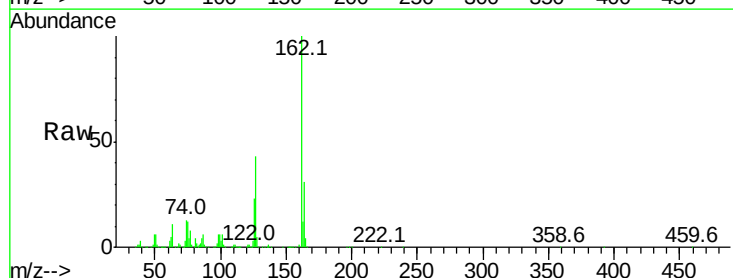
Tgt Ion:162 Resp: 422193

Ion Ratio Lower Upper

162 100

127 42.8 32.4 48.6

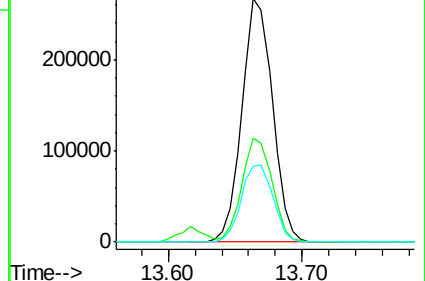
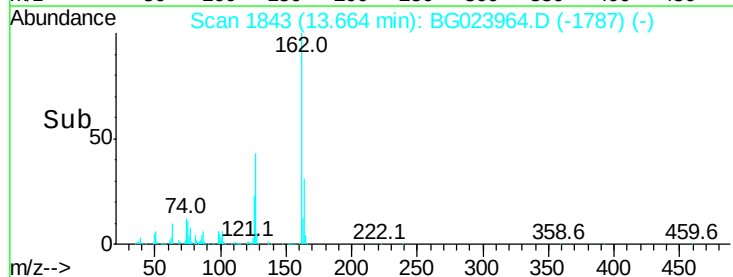
164 30.9 25.2 37.8

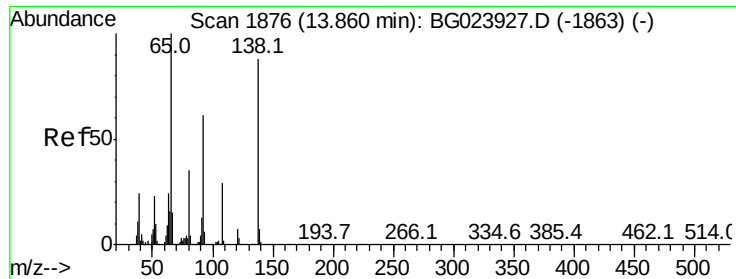


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

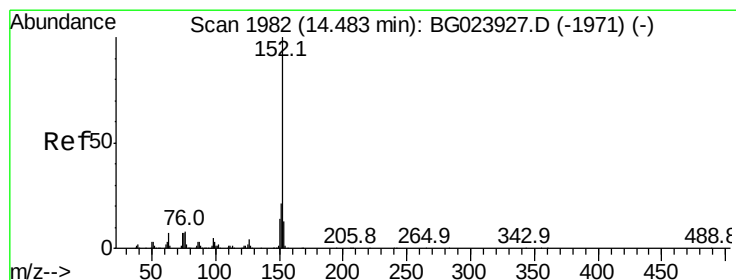
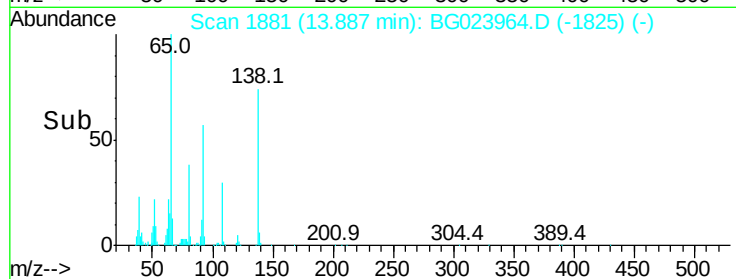
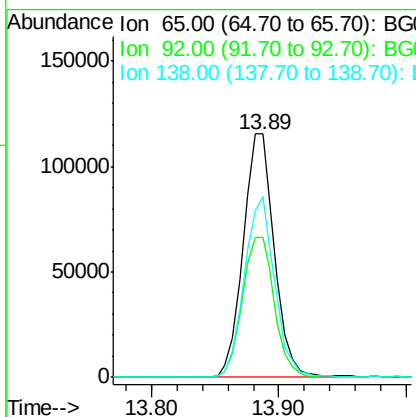
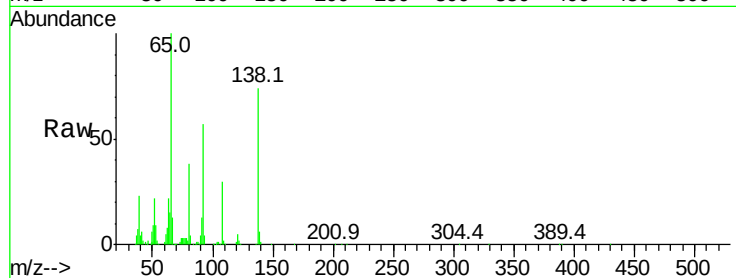




#47
2-Nitroaniline
Concen: 44.50 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

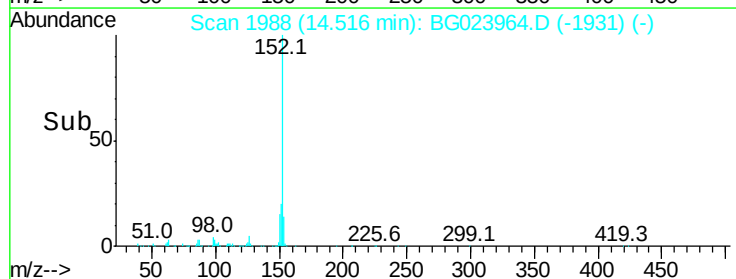
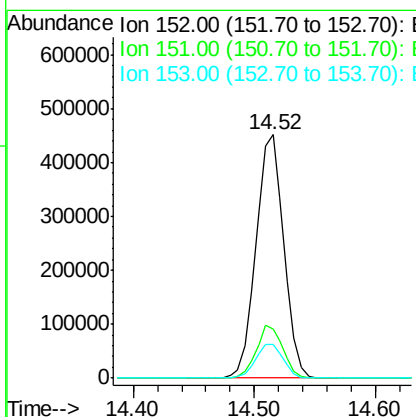
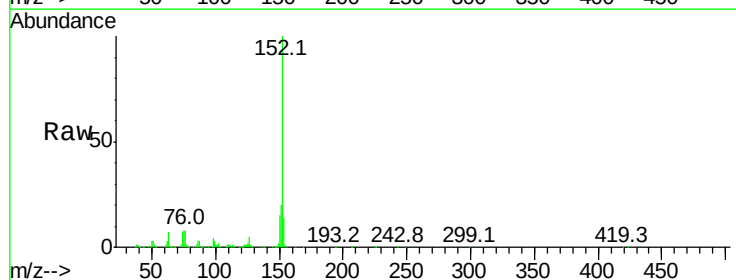
Instrument :
BNA_G
ClientSampleId :

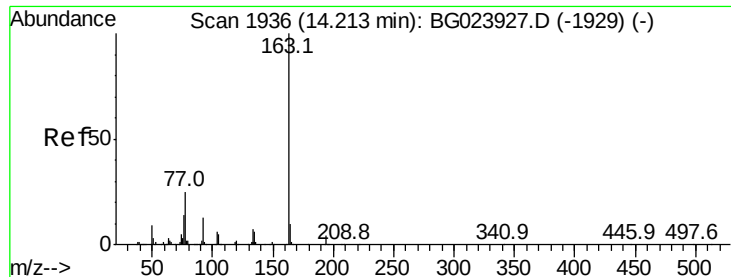
Tot Ion: 65 Resp: 197430
Ion Ratio Lower Upper
65 100
92 57.3 49.4 74.0
138 74.5 58.0 87.0



#48
Acenaphthylene
Concen: 38.54 ng
RT: 14.52 min Scan# 1988
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

Tgt Ion: 152 Resp: 723545
Ion Ratio Lower Upper
152 100
151 20.1 17.6 26.4
153 14.0 11.4 17.2





#49

Dimethylphthalate

Concen: 37.88 ng

RT: 14.24 min Scan# 1941

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

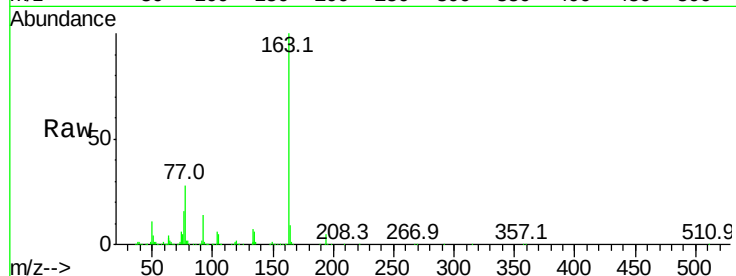
Tot Ion:163 Resp: 619539

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

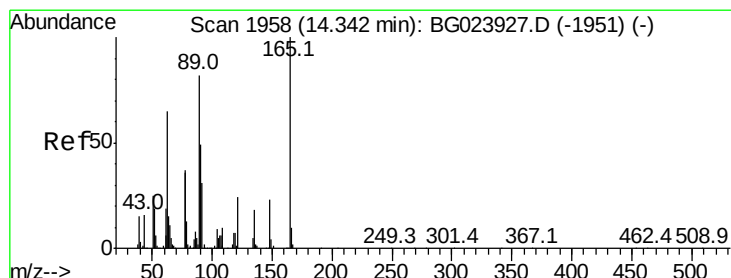
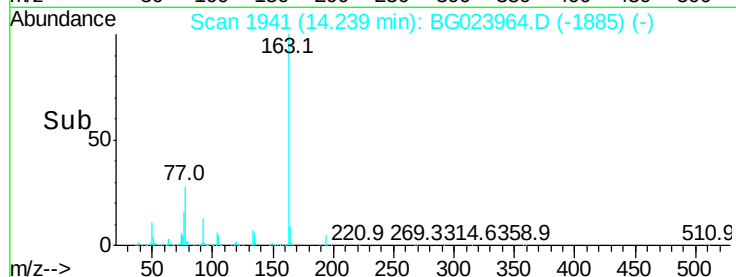
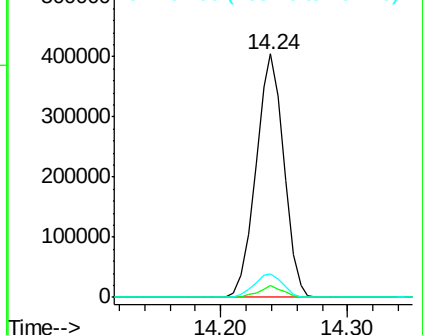
164 9.5 8.1 12.1



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: 39.41 ng

RT: 14.37 min Scan# 1963

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

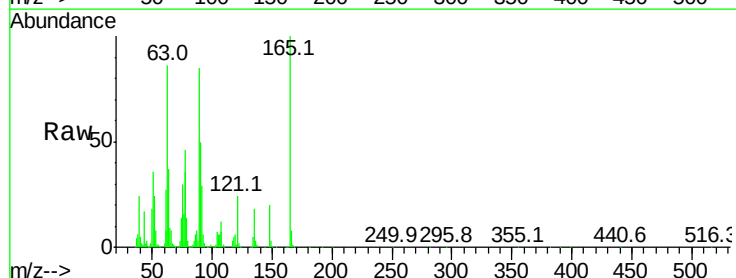
Tgt Ion:165 Resp: 136076

Ion Ratio Lower Upper

165 100

63 85.8 64.3 96.5

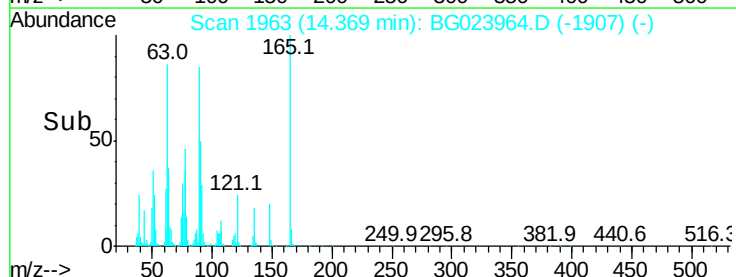
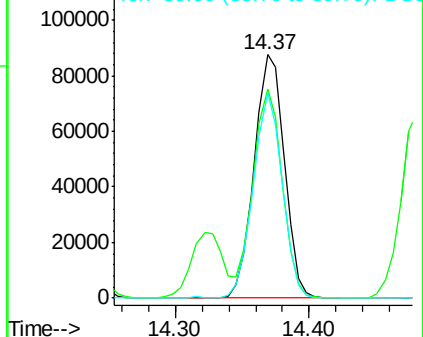
89 84.5 64.3 96.5

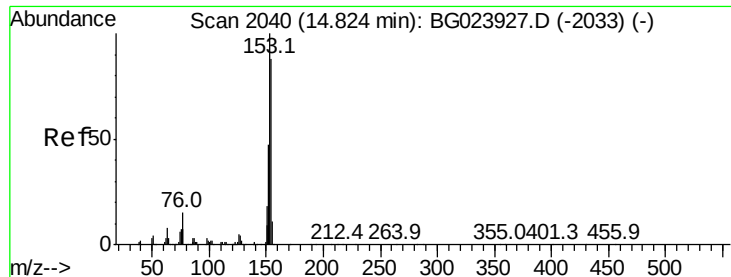


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.74 ng

RT: 14.85 min Scan# 2045

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

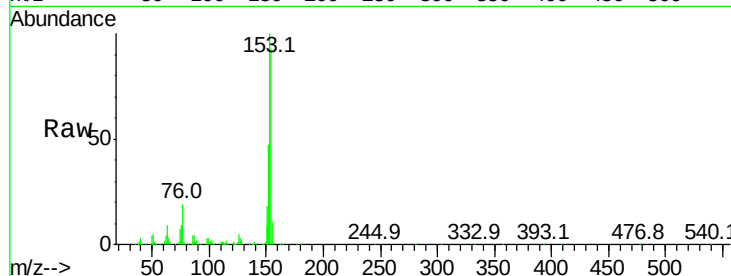
Tot Ion:154 Resp: 449692

Ion Ratio Lower Upper

154 100

153 107.3 87.5 131.3

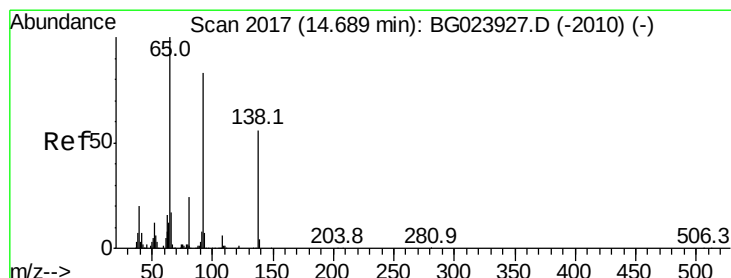
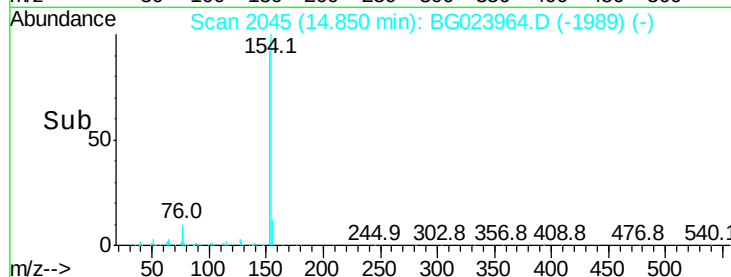
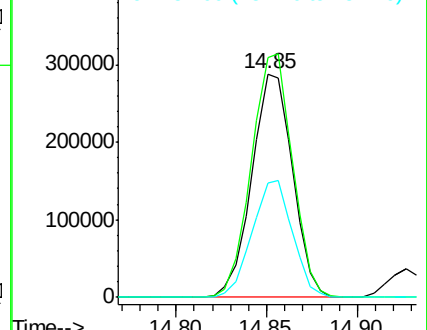
152 51.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.99 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

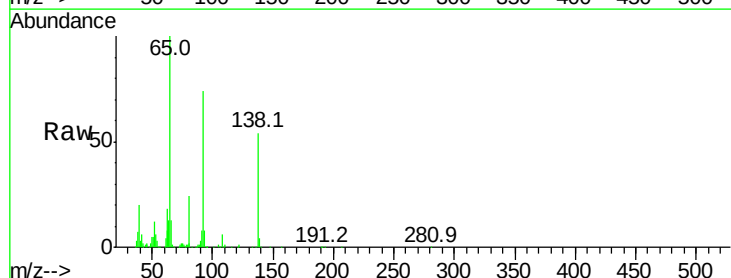
Tgt Ion:138 Resp: 132372

Ion Ratio Lower Upper

138 100

108 11.5 11.7 17.5#

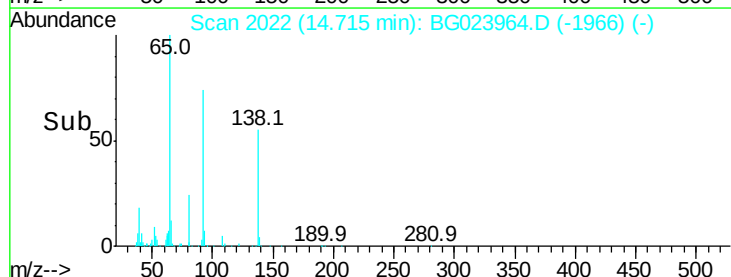
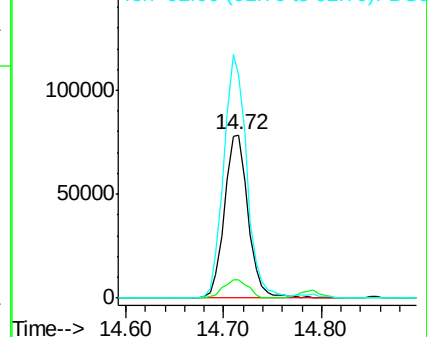
92 136.6 129.7 194.5

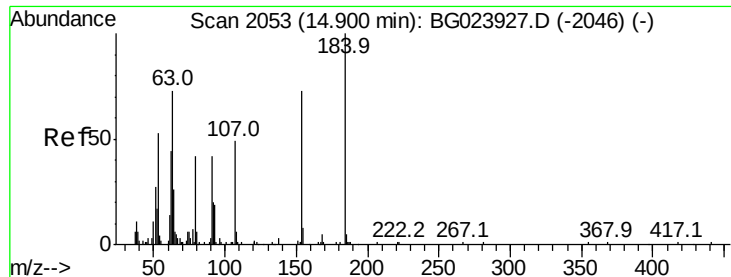


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 32.59 ng

RT: 14.93 min Scan# 2058

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

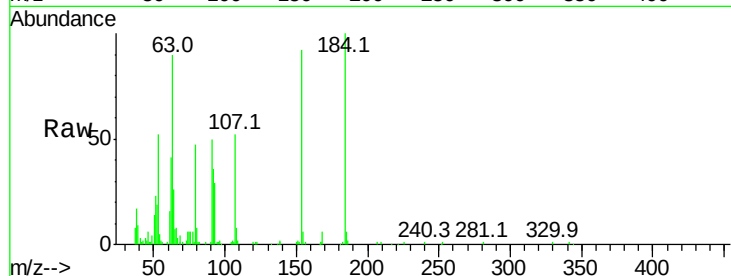
Tot Ion:184 Resp: 71671

Ion Ratio Lower Upper

184 100

63 89.6 59.6 89.4#

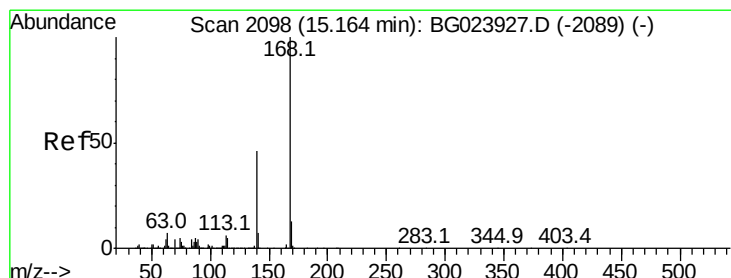
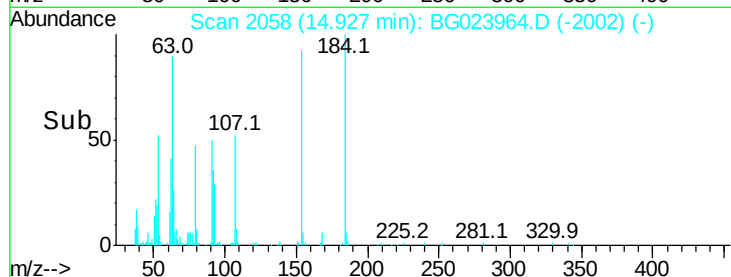
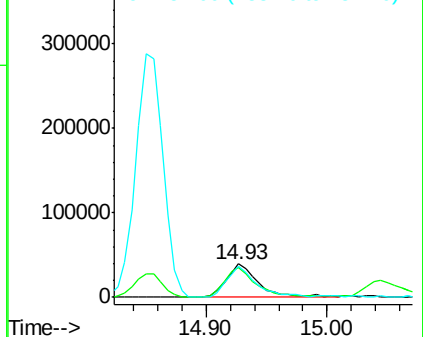
154 92.0 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 38.23 ng

RT: 15.19 min Scan# 2102

Delta R.T. 0.02 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

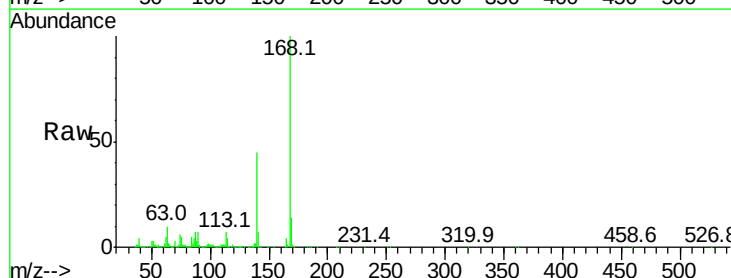
Tgt Ion:168 Resp: 692598

Ion Ratio Lower Upper

168 100

139 45.2 36.4 54.6

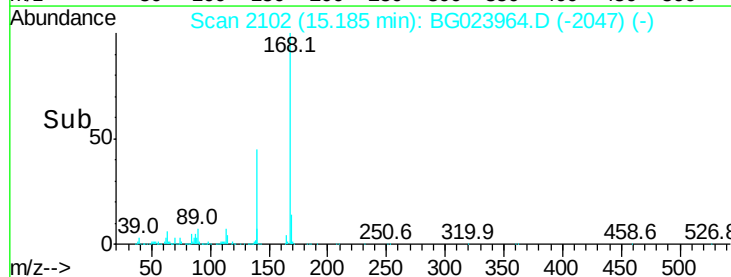
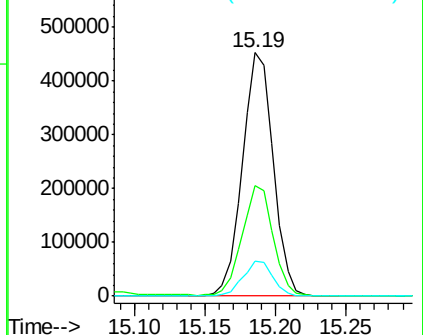
169 14.4 11.9 17.9

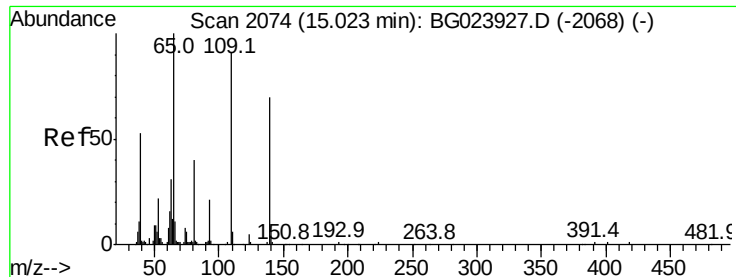


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

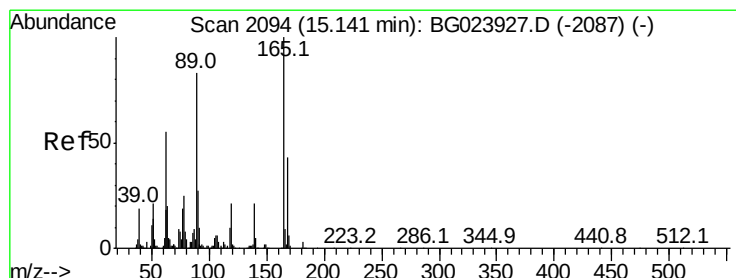
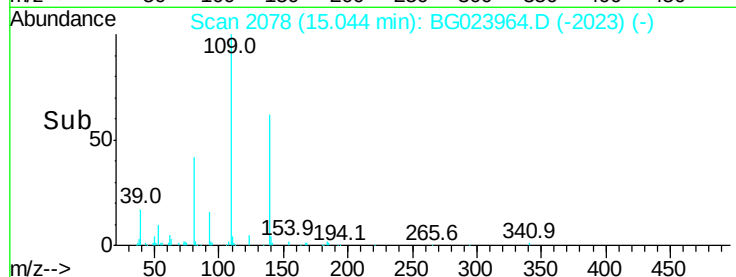
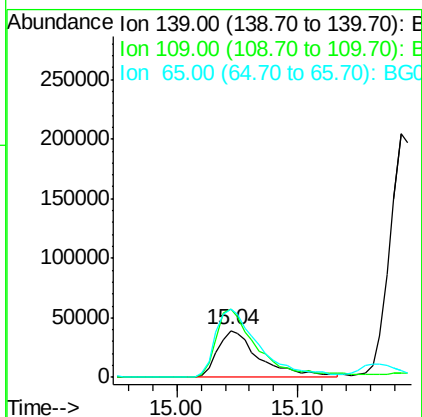
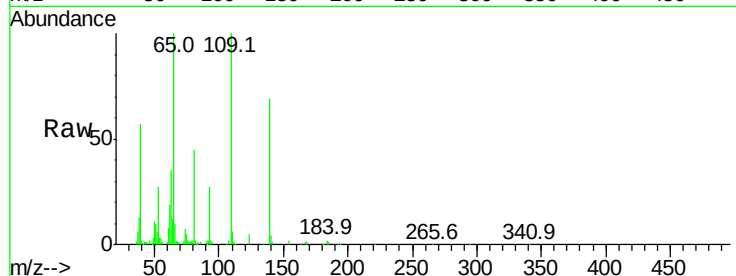




#55
4-Nitrophenol
Concen: 36.72 ng
RT: 15.04 min Scan# 2078
Delta R.T. 0.02 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

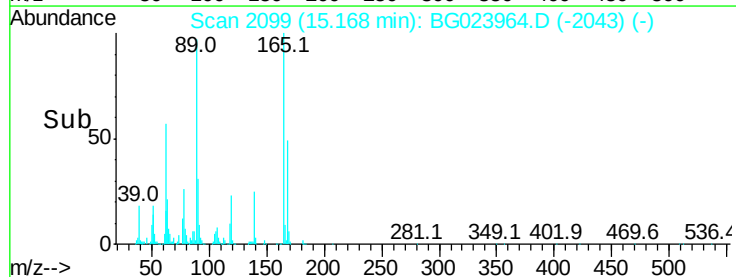
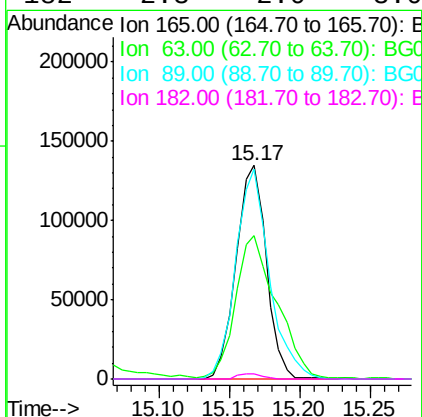
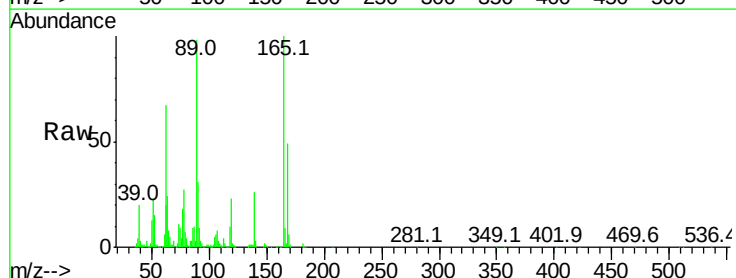
Instrument :
BNA_G
ClientSampleId :

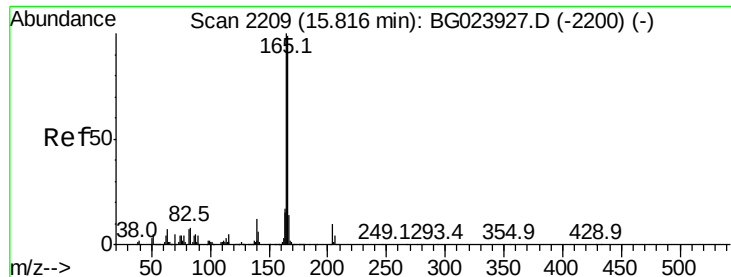
Tot Ion:139 Resp: 94343
Ion Ratio Lower Upper
139 100
109 144.4 103.0 143.0#
65 144.7 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 39.78 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

Tgt Ion:165 Resp: 201888
Ion Ratio Lower Upper
165 100
63 66.9 45.8 68.6
89 98.0 68.6 102.8
182 2.3 2.0 3.0





#57

Fluorene

Concen: 38.80 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.02 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

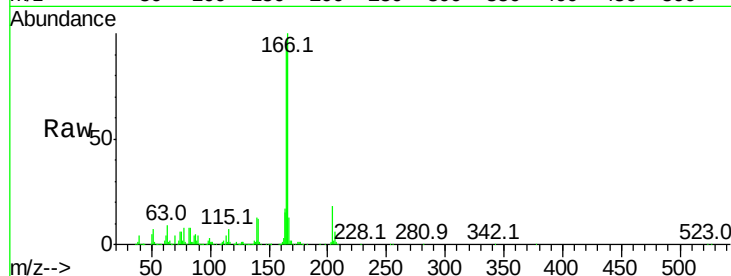
Tot Ion:166 Resp: 609581

Ion Ratio Lower Upper

166 100

165 96.2 81.0 121.6

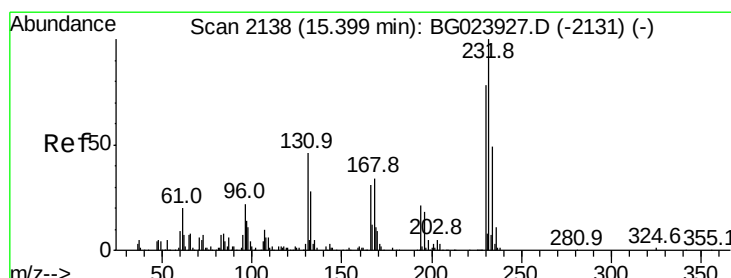
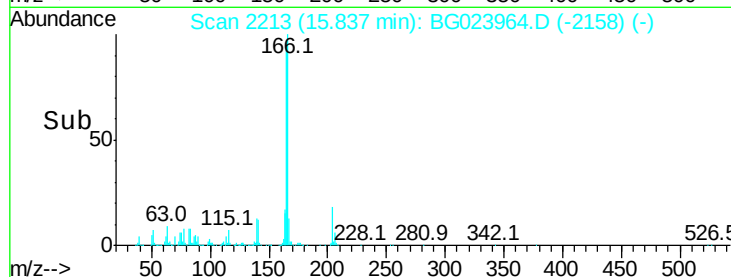
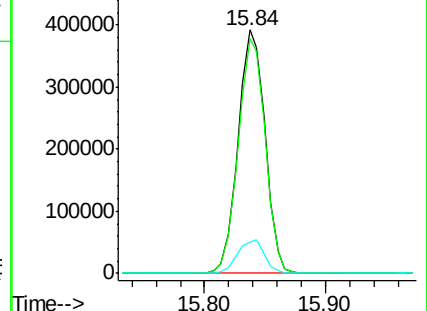
167 12.6 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.14 ng

RT: 15.42 min Scan# 2142

Delta R.T. 0.02 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Tgt Ion:232 Resp: 178337

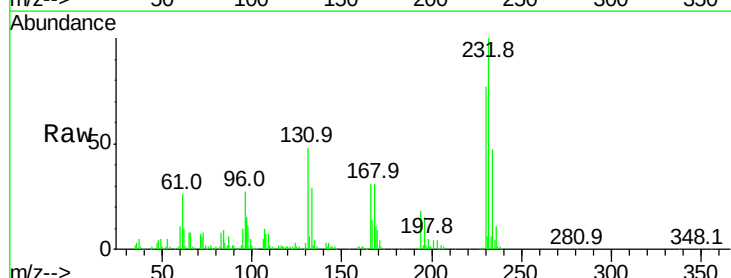
Ion Ratio Lower Upper

232 100

131 44.2 32.7 49.1

130 2.8 2.6 3.8

166 29.0 23.0 34.6

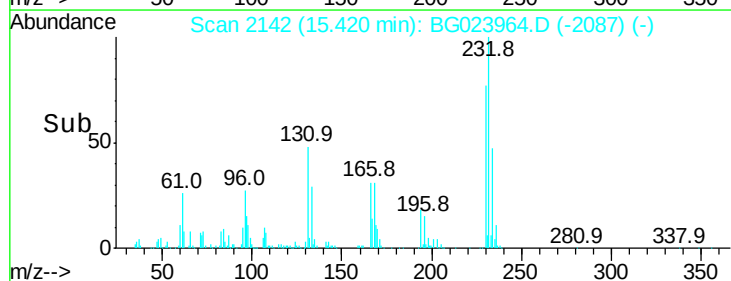
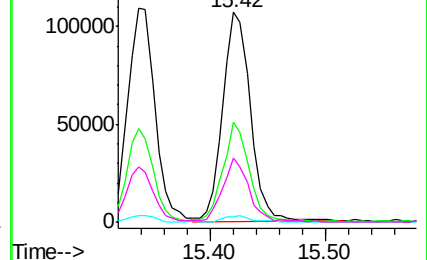


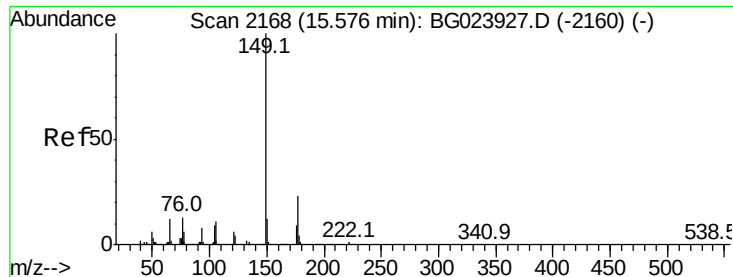
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.12 ng

RT: 15.60 min Scan# 2172

Delta R.T. 0.02 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

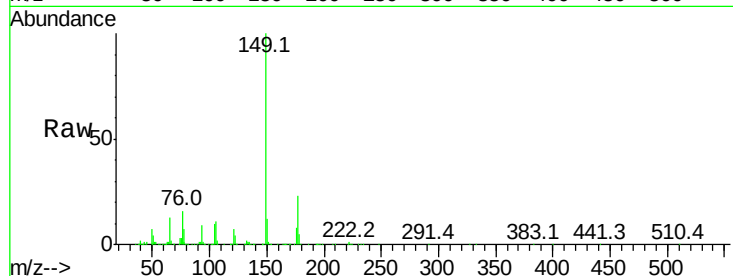
Tot Ion:149 Resp: 665537

Ion Ratio Lower Upper

149 100

177 23.2 19.2 28.8

150 12.2 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

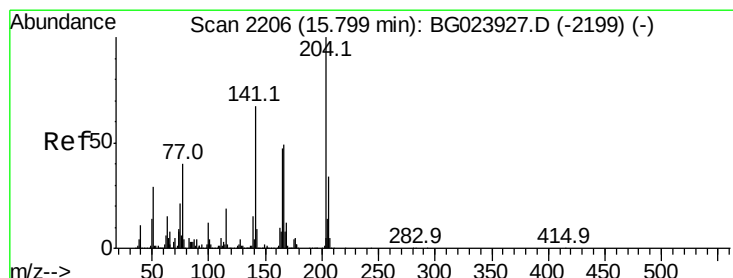
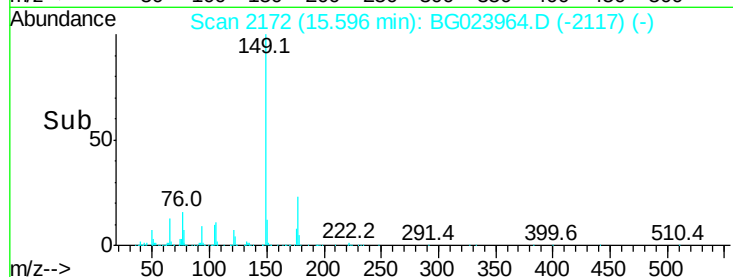
15.60

400000

200000

0

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 38.92 ng

RT: 15.83 min Scan# 2211

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

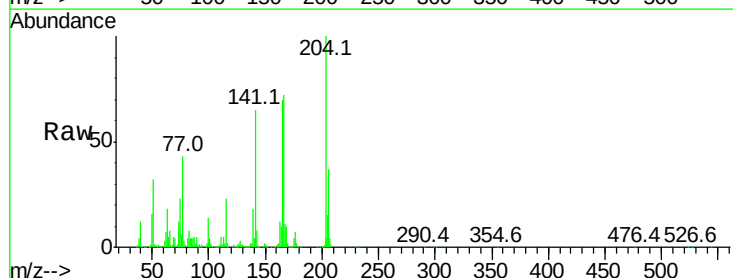
Tgt Ion:204 Resp: 329169

Ion Ratio Lower Upper

204 100

206 36.7 28.5 42.7

141 65.3 51.4 77.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

15.83

300000

250000

200000

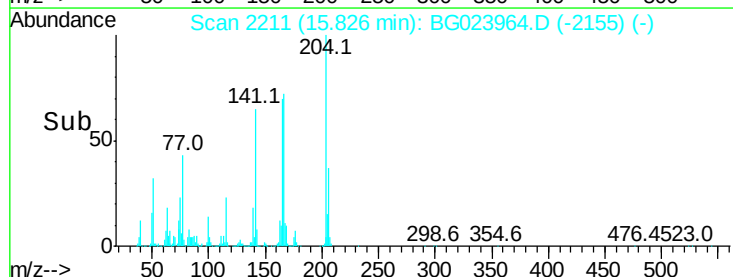
150000

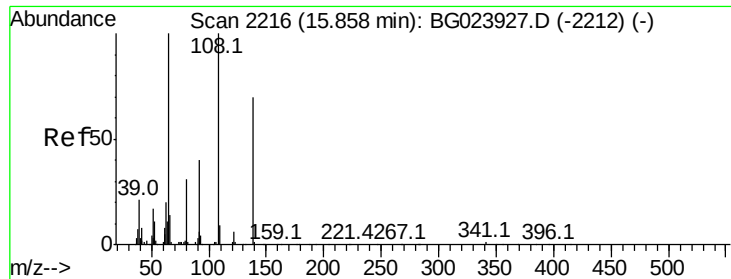
100000

50000

0

Time-->

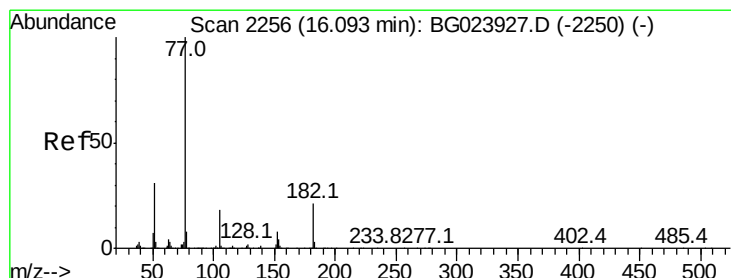
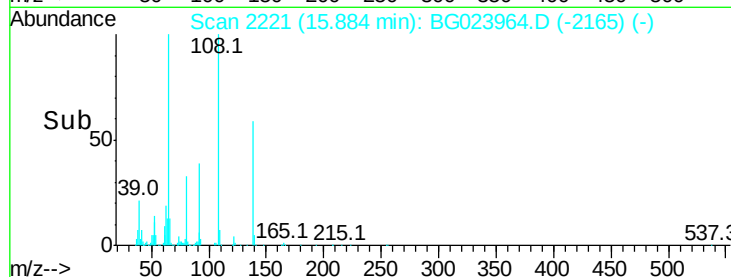
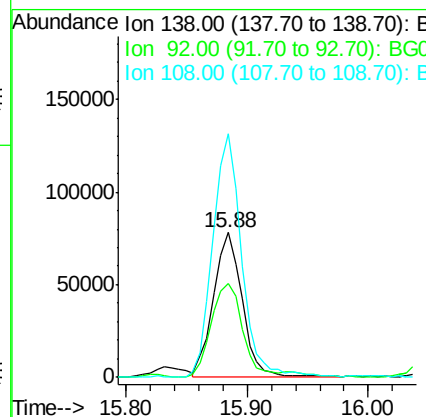
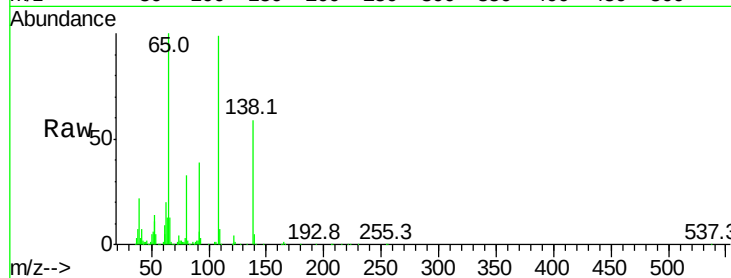




#61
4-Nitroaniline
Concen: 39.05 ng
RT: 15.88 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

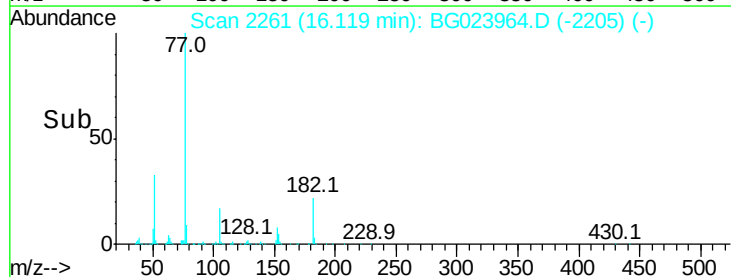
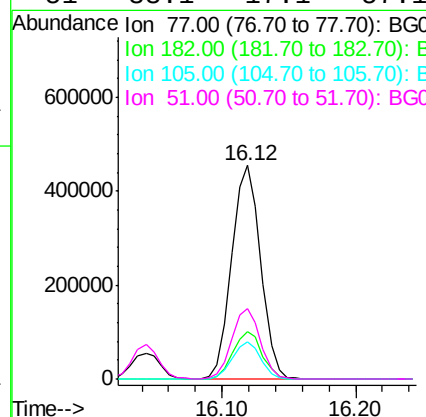
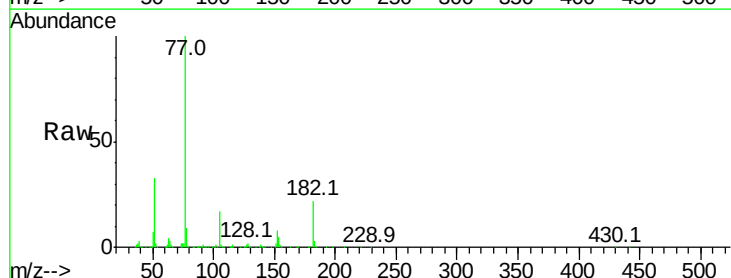
Instrument :
BNA_G
ClientSampleId :

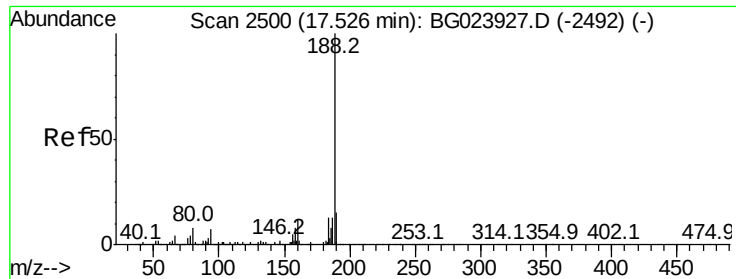
Tot Ion:138 Resp: 127500
Ion Ratio Lower Upper
138 100
92 65.1 54.1 94.1
108 168.0 133.9 173.9



#62
Azobenzene
Concen: 40.77 ng
RT: 16.12 min Scan# 2261
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

Tgt Ion: 77 Resp: 689436
Ion Ratio Lower Upper
77 100
182 22.3 3.5 43.5
105 17.3 0.0 38.5
51 33.1 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.02 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

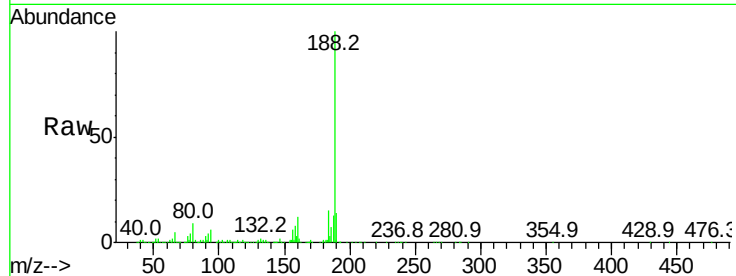
Tot Ion:188 Resp: 491691

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

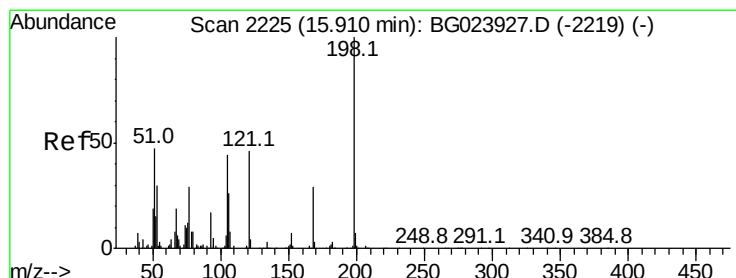
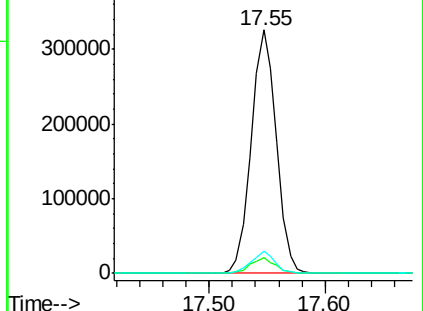
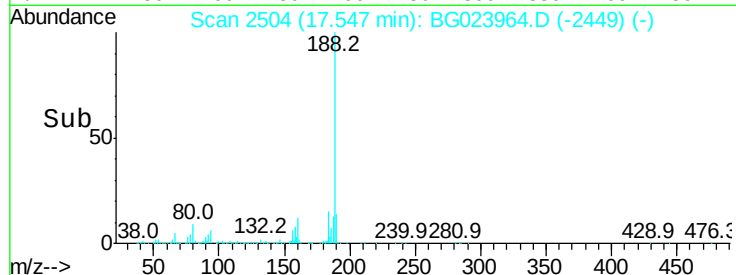
80 9.2 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 40.34 ng

RT: 15.94 min Scan# 2230

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

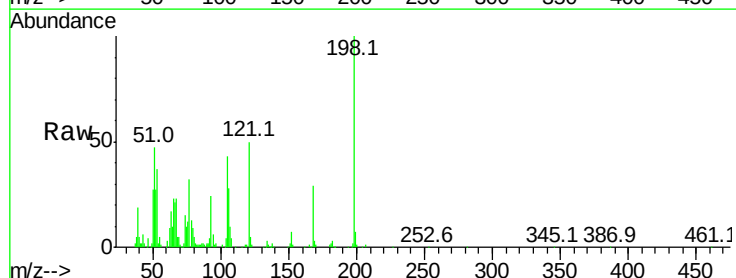
Tgt Ion:198 Resp: 137721

Ion Ratio Lower Upper

198 100

51 47.1 26.0 66.0

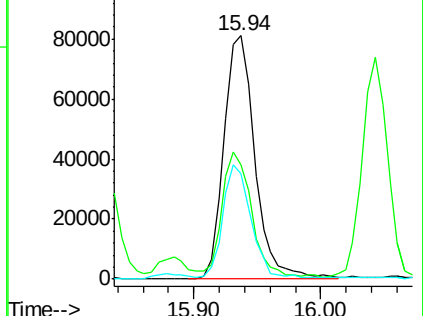
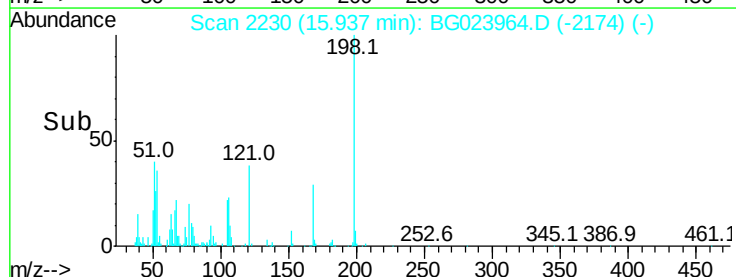
105 43.4 20.1 60.1

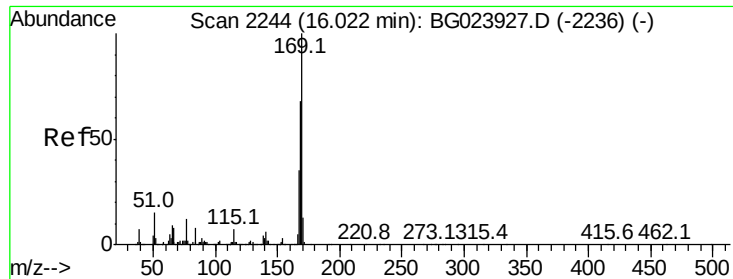


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

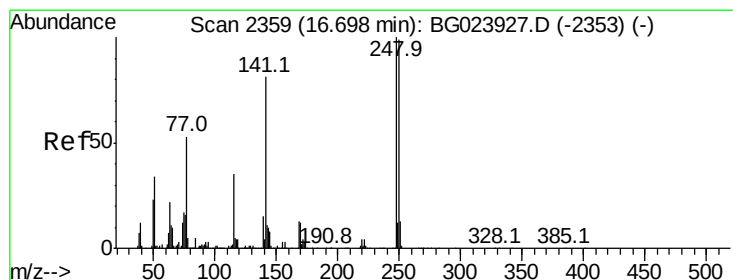
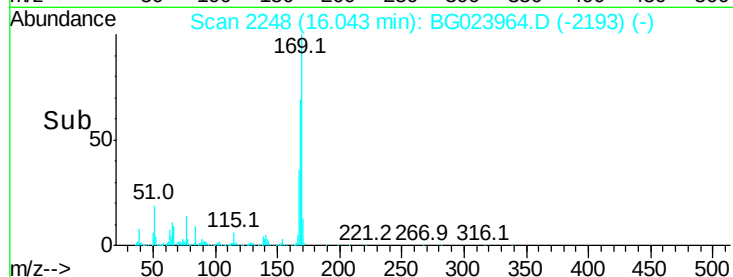
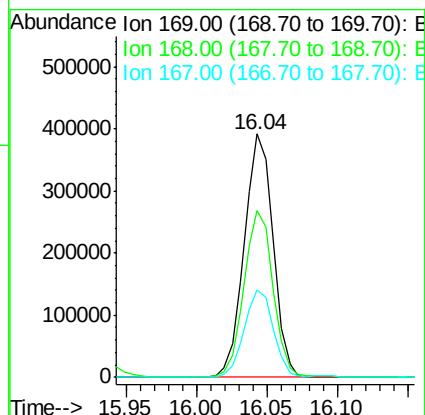
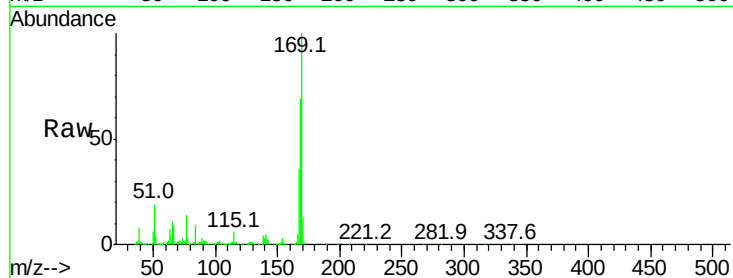




#65
n-Nitrosodiphenylamine
Concen: 39.99 ng
RT: 16.04 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

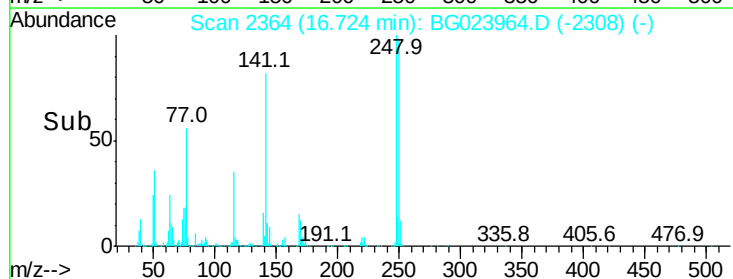
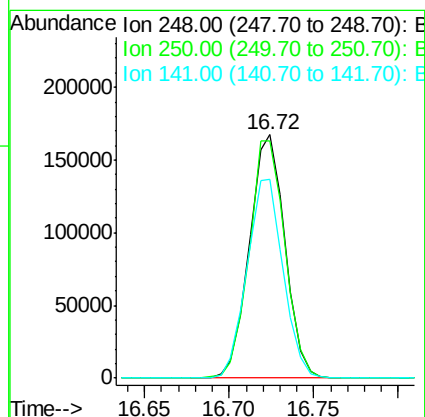
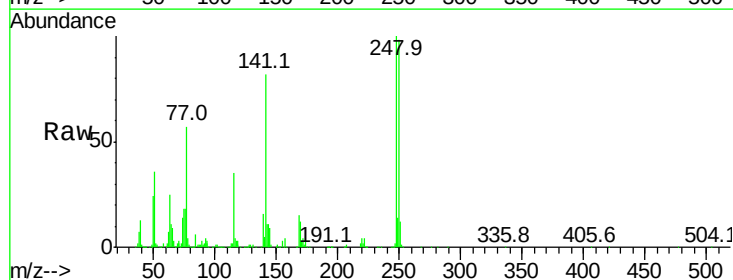
Instrument :
BNA_G
ClientSampled :

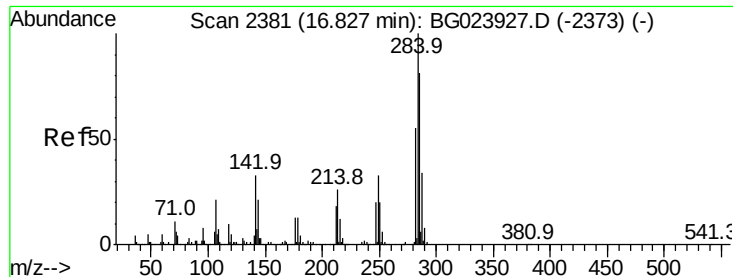
Tot Ion:169 Resp: 558491
Ion Ratio Lower Upper
169 100
168 68.7 55.0 82.4
167 35.8 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 40.78 ng
RT: 16.72 min Scan# 2364
Delta R.T. 0.03 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

Tgt Ion:248 Resp: 243926
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.8
141 81.6 65.7 98.5

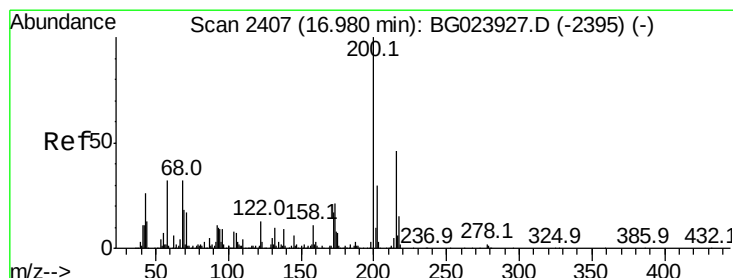
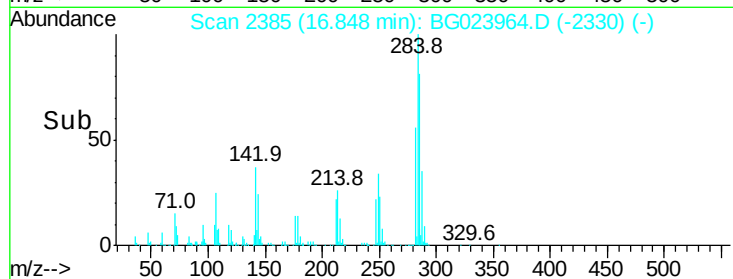
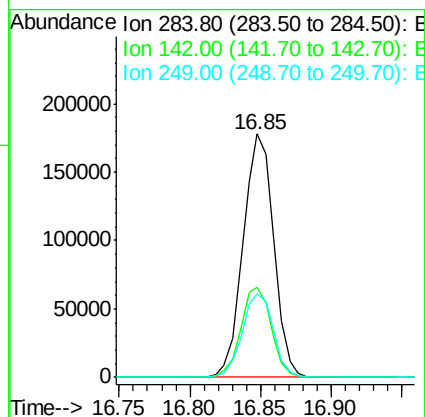
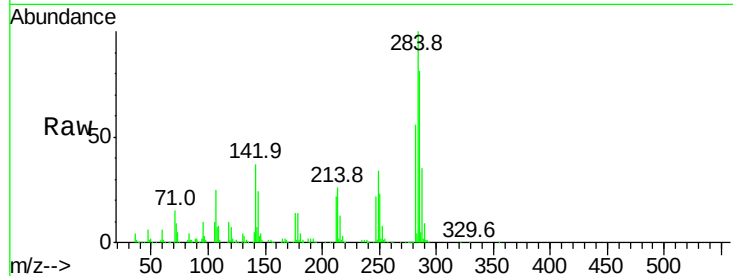




#67
Hexachlorobenzene
Concen: 38.39 ng
RT: 16.85 min Scan# 2385
Delta R.T. 0.02 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

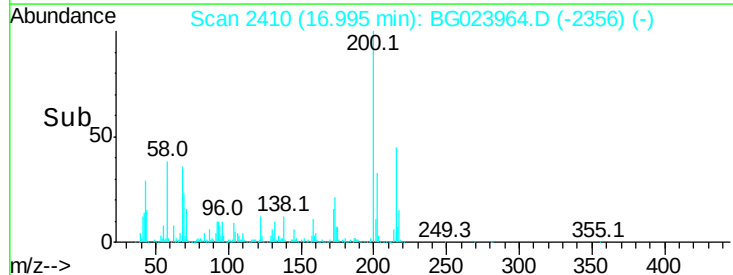
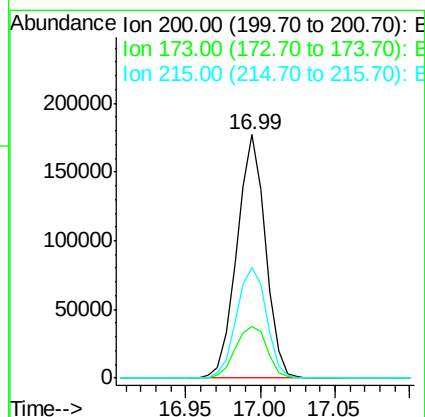
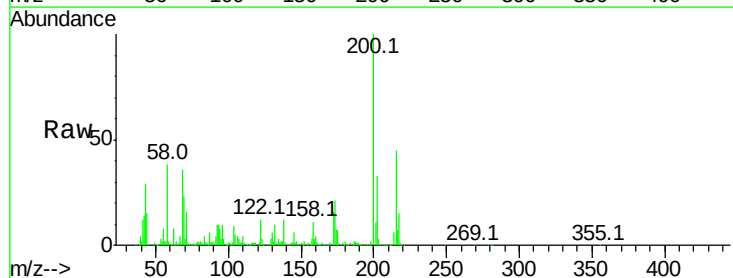
Instrument :
BNA_G
ClientSampled :

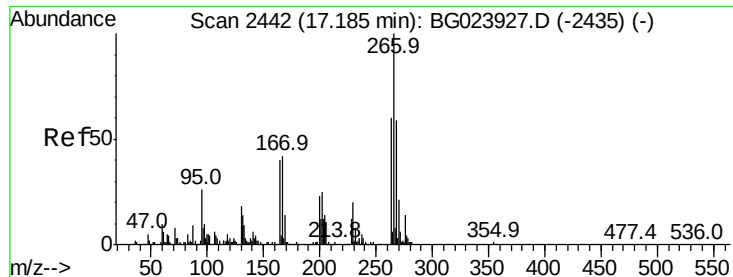
Tot Ion	Ratio	Lower	Upper
284	100		
142	37.0	26.8	40.2
249	34.3	28.9	43.3



#68
Atrazine
Concen: 39.26 ng
RT: 16.99 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG023964.D
Acq: 8 Sep 2016 11:30

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.0	1.6	41.6
215	45.2	28.7	68.7

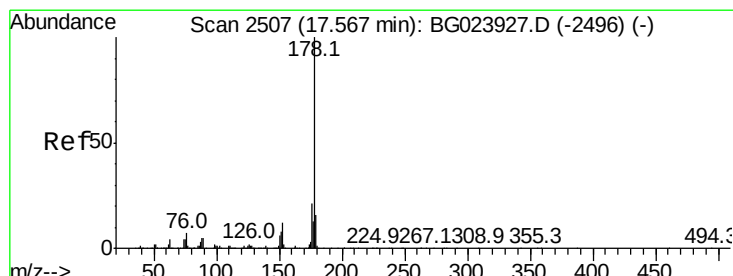
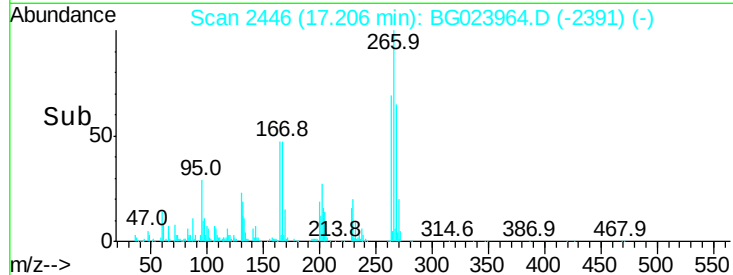
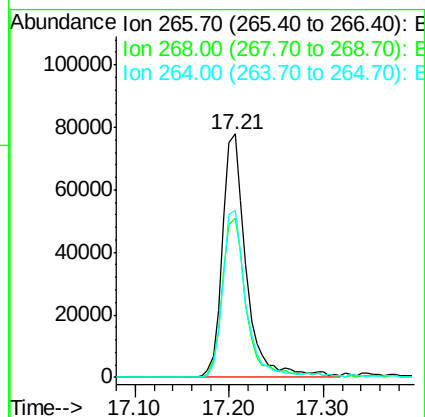
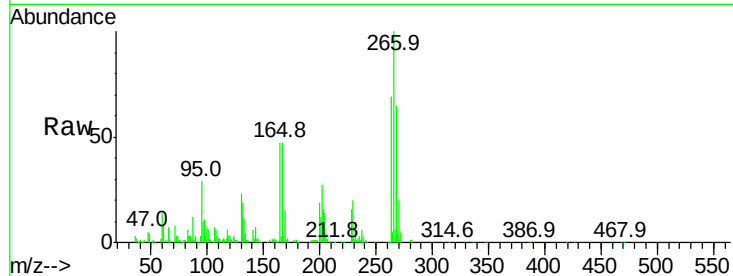




#69
 Pentachlorophenol
 Concen: 36.97 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.02 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

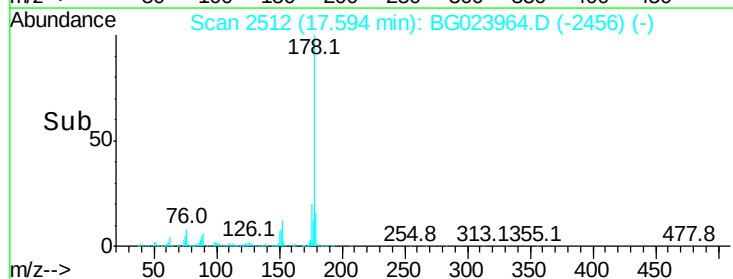
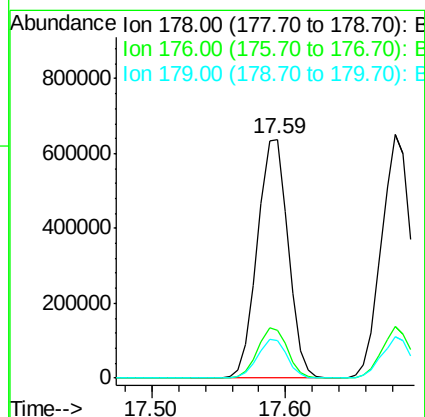
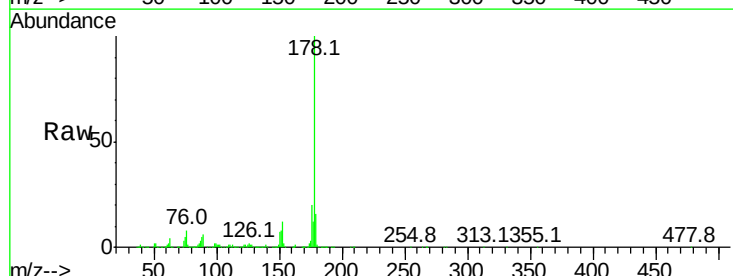
Instrument :
 BNA_G
 ClientSampleId :

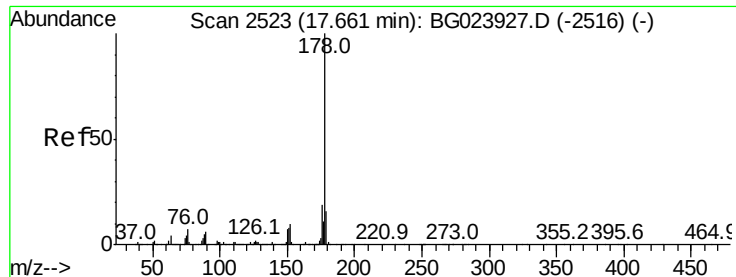
Tot Ion:266 Resp: 137774
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.9 77.9
 264 68.5 50.6 75.8



#70
 Phenanthrene
 Concen: 39.63 ng
 RT: 17.59 min Scan# 2512
 Delta R.T. 0.03 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

Tgt Ion:178 Resp: 1013552
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.8 25.2
 179 15.8 14.3 21.5





#71

Anthracene

Concen: 38.41 ng

RT: 17.68 min Scan# 2527

Delta R.T. 0.02 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

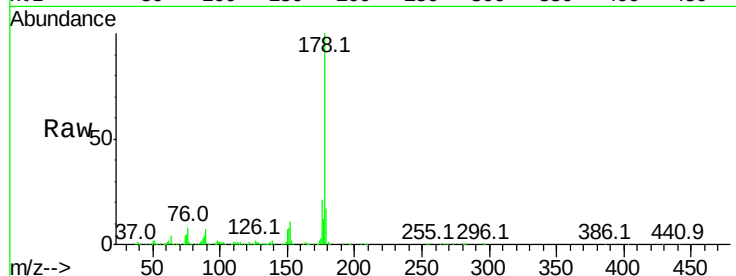
Tot Ion:178 Resp: 1002260

Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.3	25.9
179	17.1	14.0	21.0

178 100

176 21.2 17.3 25.9

179 17.1 14.0 21.0



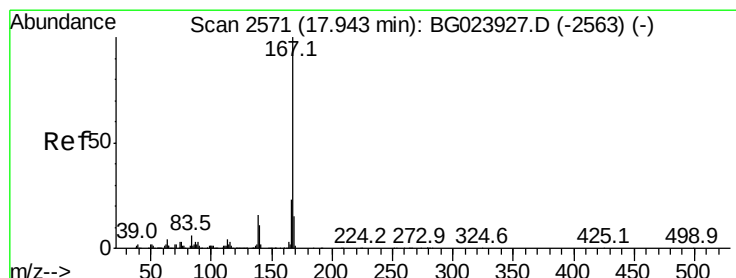
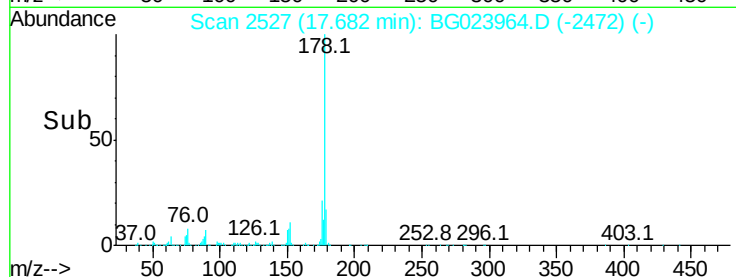
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.68

Time-->



#72

Carbazole

Concen: 37.70 ng

RT: 17.96 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

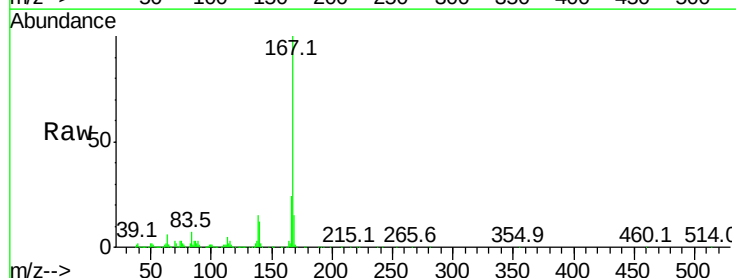
Tgt Ion:167 Resp: 892623

Ion	Ratio	Lower	Upper
167	100		
166	23.6	20.7	31.1
139	15.1	11.9	17.9

167 100

166 23.6 20.7 31.1

139 15.1 11.9 17.9



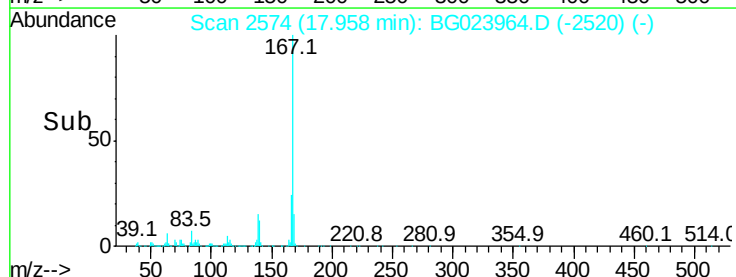
Abundance Ion 167.00 (166.70 to 167.70): E

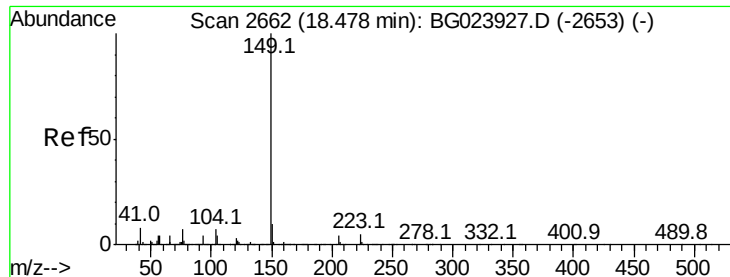
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.96

Time-->





#73

Di-n-butylphthalate

Concen: 38.43 ng

RT: 18.49 min Scan# 2665

Delta R.T. 0.01 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

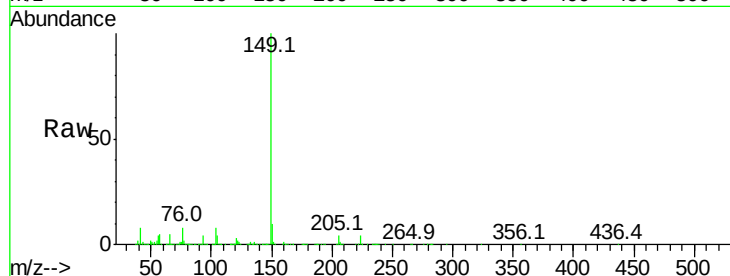
Tot Ion:149 Resp: 1085582

Ion Ratio Lower Upper

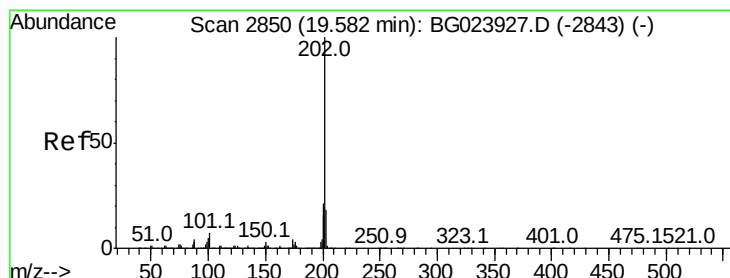
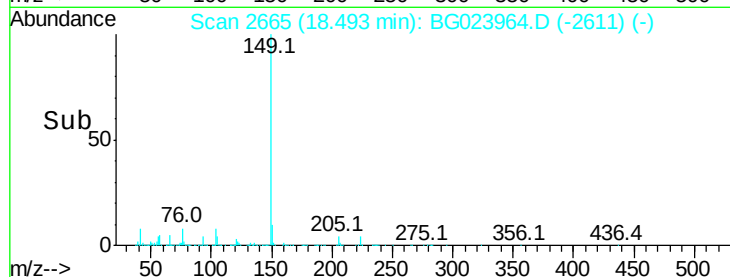
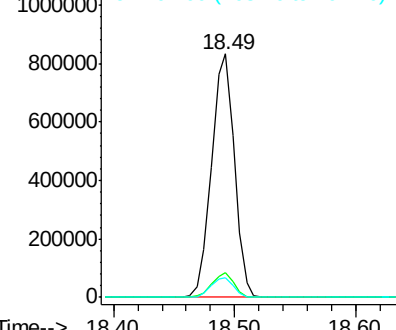
149 100

150 10.1 9.1 13.7

104 8.1 6.9 10.3



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: 38.10 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

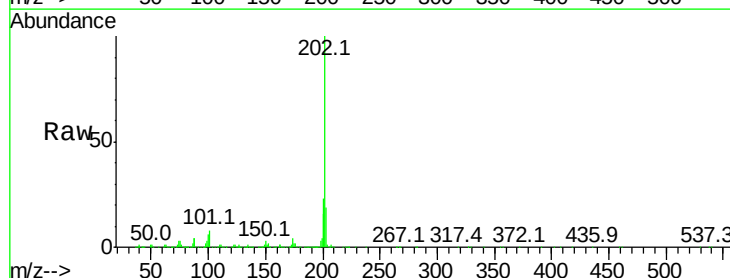
Tgt Ion:202 Resp: 1173326

Ion Ratio Lower Upper

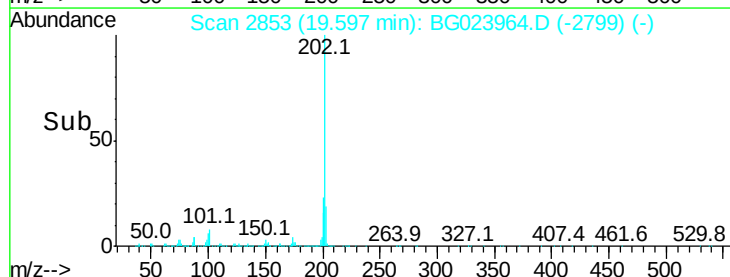
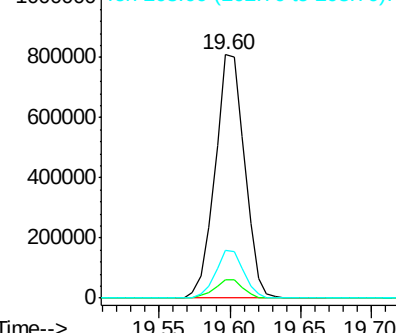
202 100

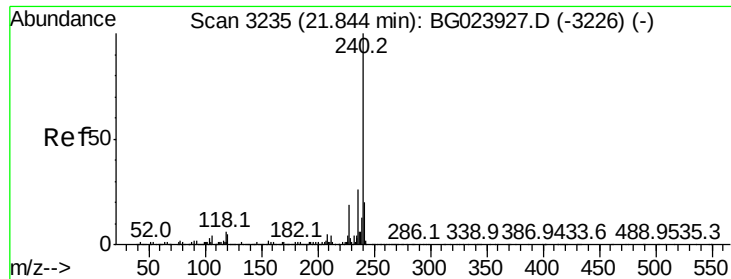
101 7.6 0.0 27.4

203 19.5 1.7 41.7



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: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.01 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampleId :

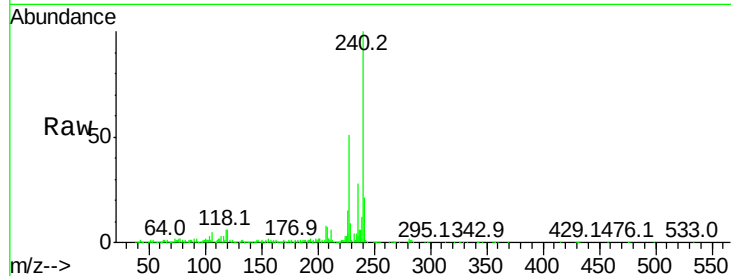
Tot Ion:240 Resp: 508218

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

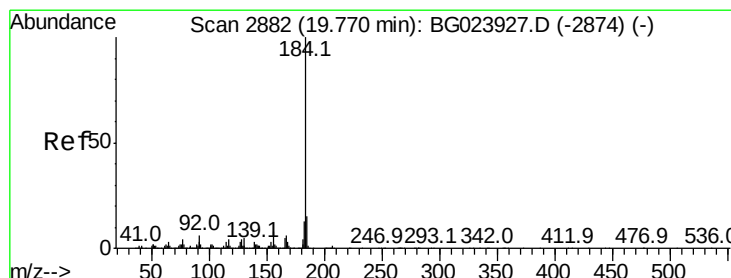
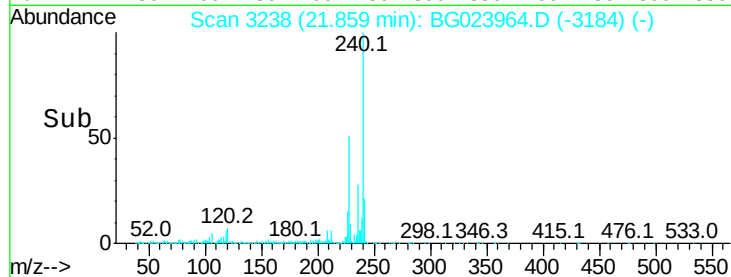
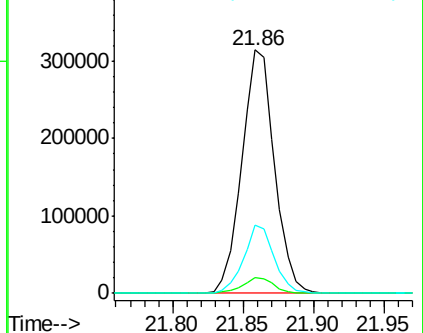
236 27.9 21.1 31.7



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: 36.13 ng

RT: 19.78 min Scan# 2885

Delta R.T. 0.01 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

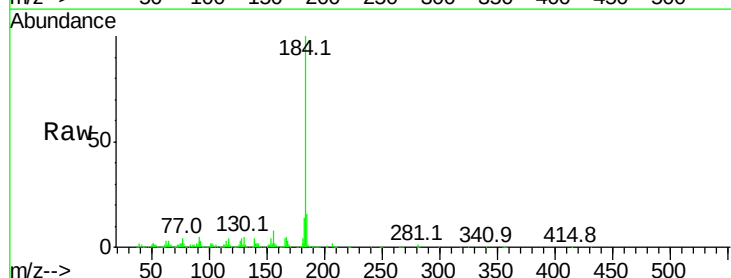
Tgt Ion:184 Resp: 568646

Ion Ratio Lower Upper

184 100

185 16.1 12.6 19.0

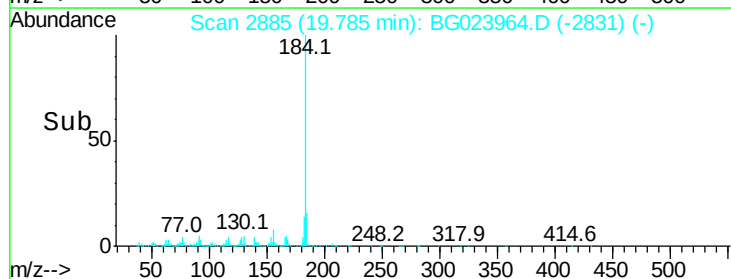
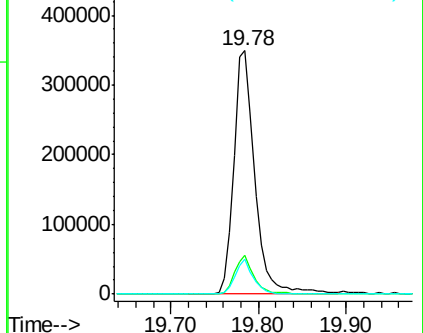
183 14.5 10.7 16.1

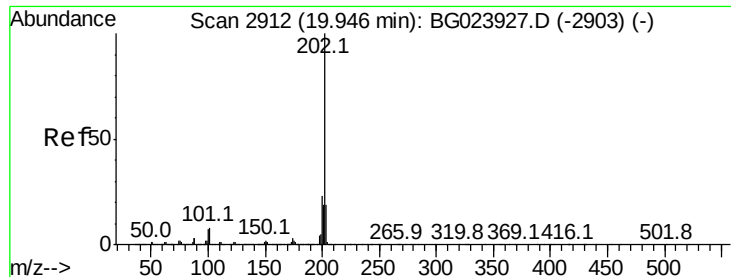


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.50 ng

RT: 19.96 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

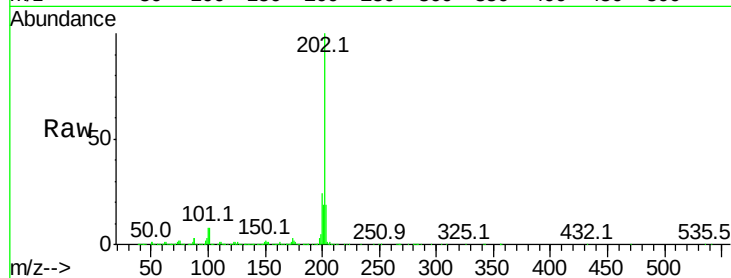
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1203264

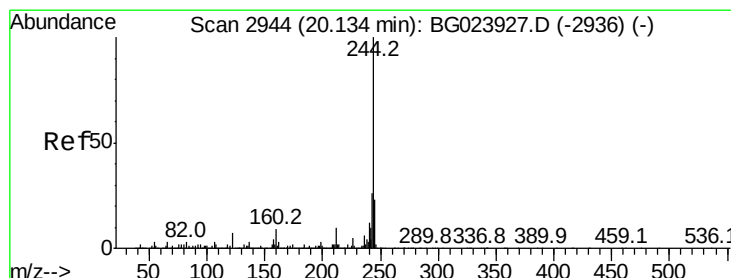
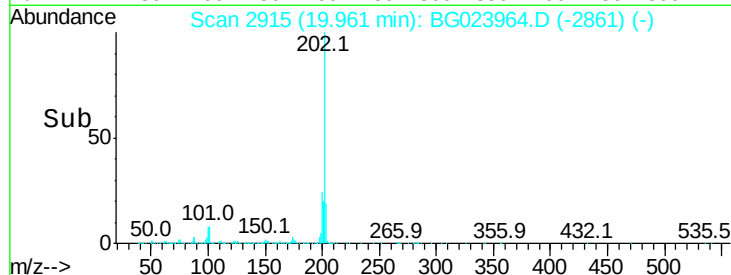
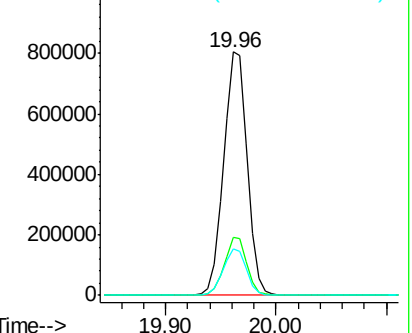
Ion	Ratio	Lower	Upper
202	100		
200	24.0	21.2	31.8
203	19.0	16.8	25.2



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: 76.80 ng

RT: 20.15 min Scan# 2947

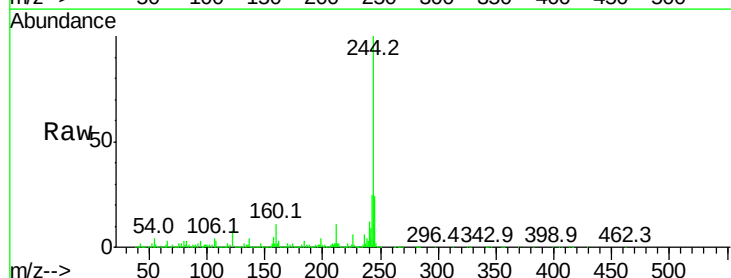
Delta R.T. 0.01 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Tgt Ion:244 Resp: 1713795

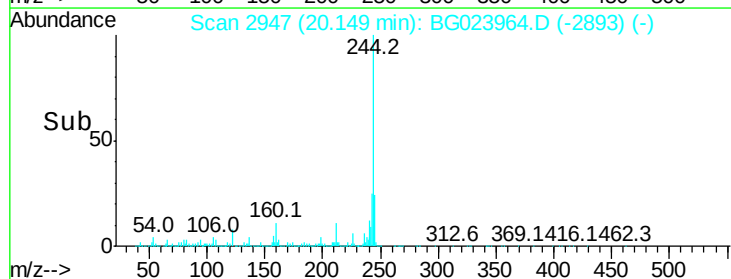
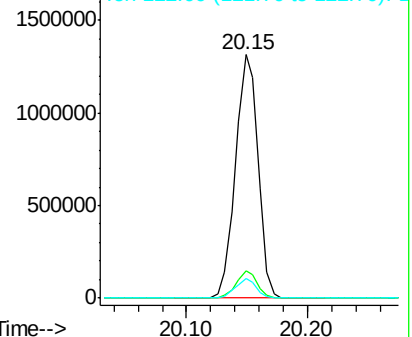
Ion	Ratio	Lower	Upper
244	100		
212	11.3	10.8	16.2
122	7.8	8.0	12.0#

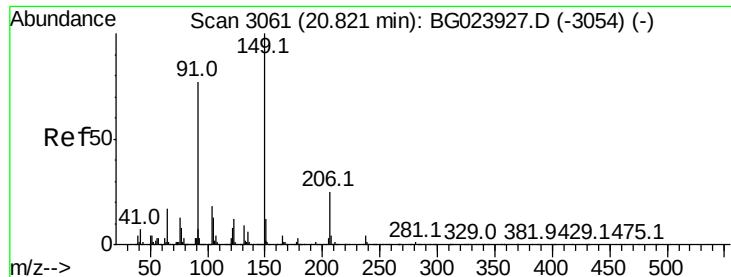


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.43 ng

RT: 20.83 min Scan# 3063

Delta R.T. 0.01 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :

BNA_G

ClientSampled :

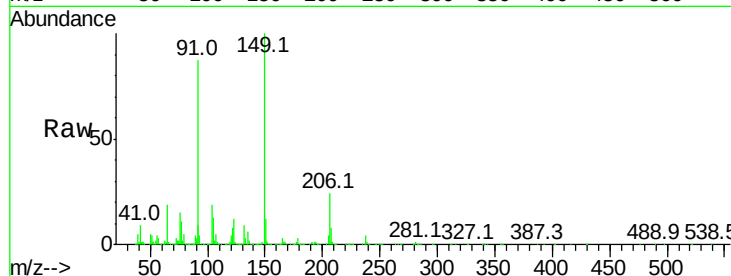
Tot Ion:149 Resp: 487143

Ion Ratio Lower Upper

149 100

91 86.5 68.1 102.1

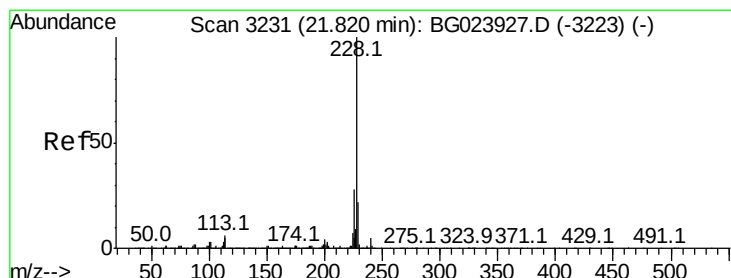
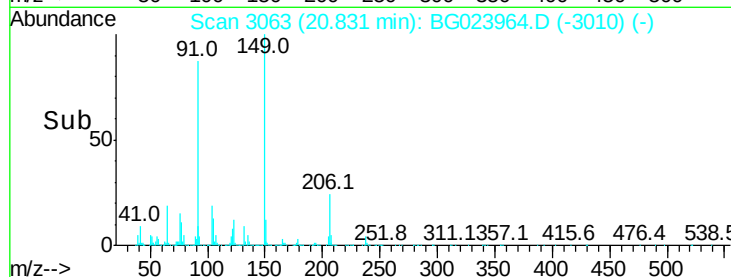
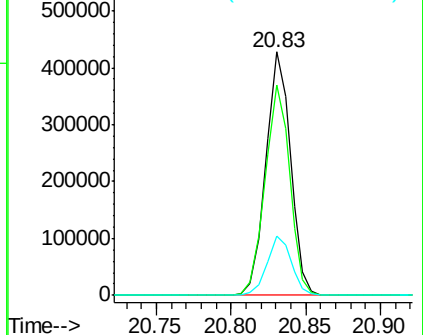
206 24.3 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG023927.D (-3054) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.29 ng

RT: 21.84 min Scan# 3235

Delta R.T. 0.02 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

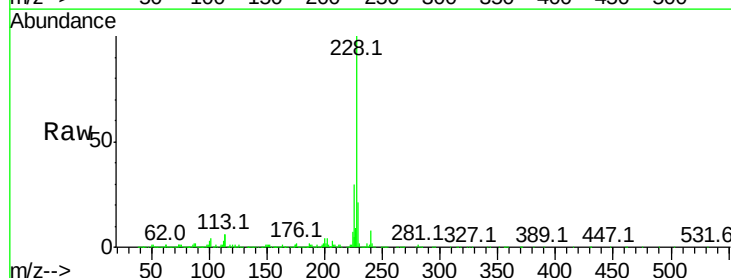
Tgt Ion:228 Resp: 1174687

Ion Ratio Lower Upper

228 100

226 29.5 25.3 37.9

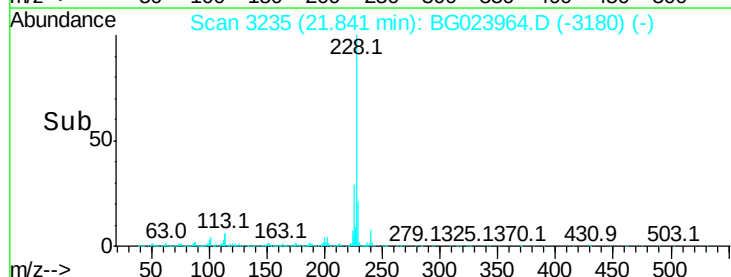
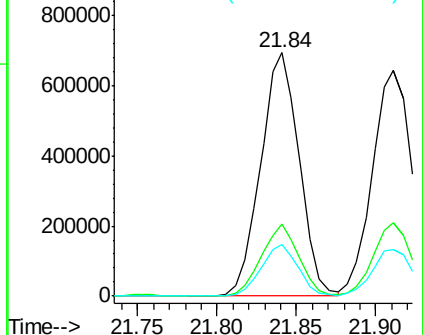
229 21.4 19.9 29.9

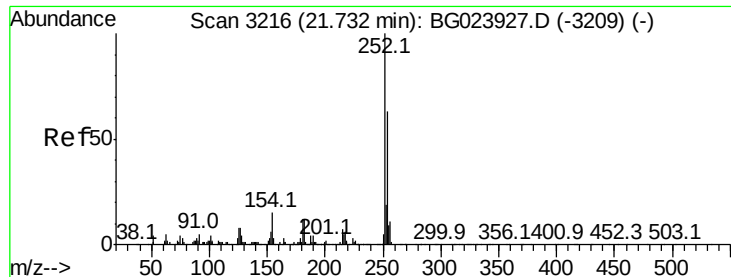


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

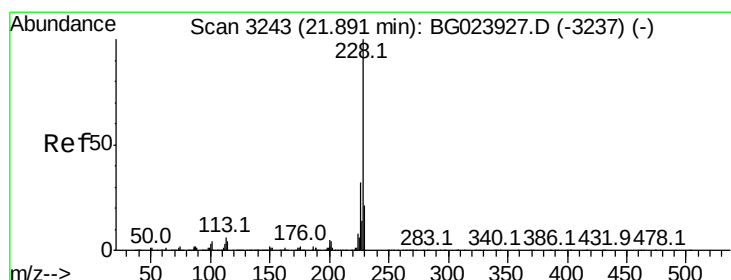
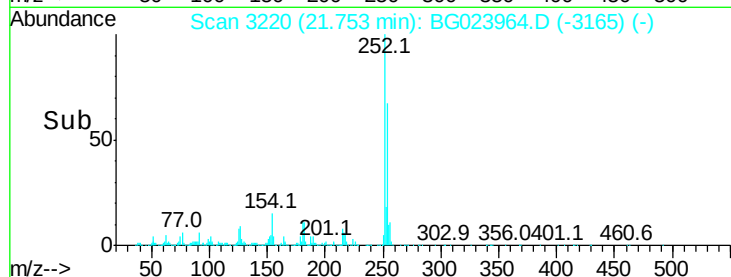
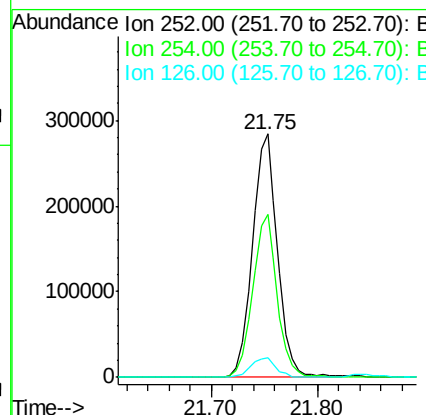
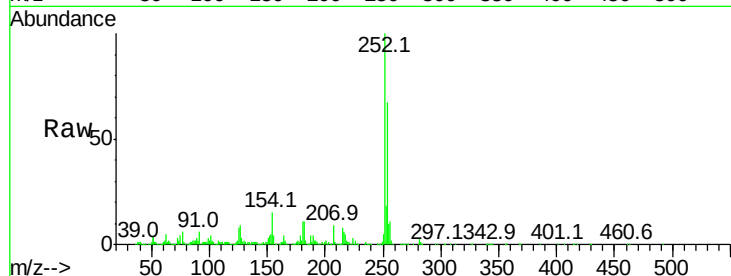




#81
 3,3'-Dichlorobenzidine
 Concen: 41.18 ng
 RT: 21.75 min Scan# 3220
 Delta R.T. 0.02 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

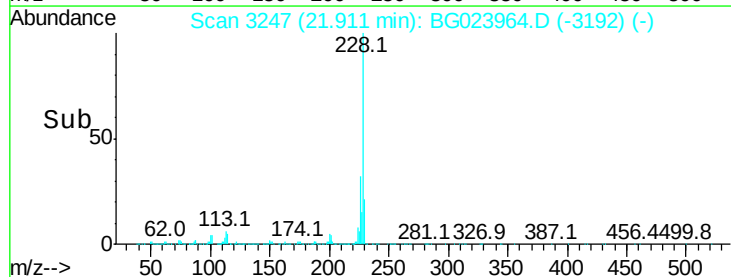
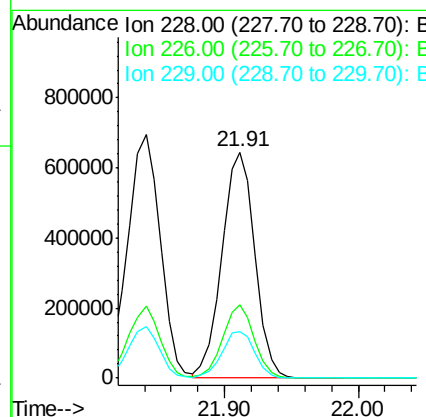
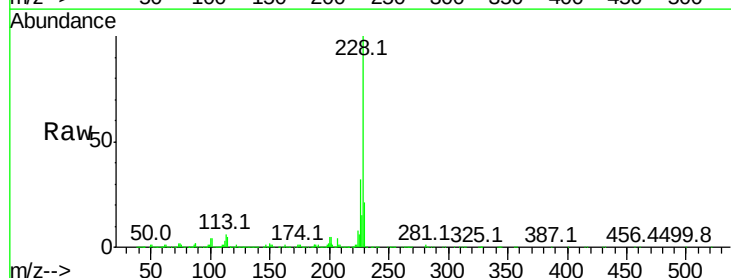
Instrument :
 BNA_G
 ClientSampleId :

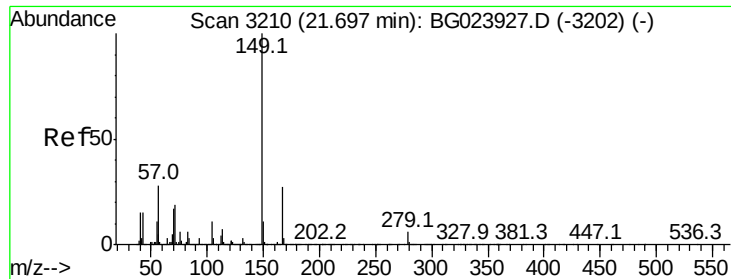
Tot Ion:252 Resp: 468306
 Ion Ratio Lower Upper
 252 100
 254 67.0 51.2 76.8
 126 8.0 5.3 7.9#



#82
 Chrysene
 Concen: 40.99 ng
 RT: 21.91 min Scan# 3247
 Delta R.T. 0.02 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

Tgt Ion:228 Resp: 1109893
 Ion Ratio Lower Upper
 228 100
 226 32.3 26.7 40.1
 229 20.5 17.4 26.2

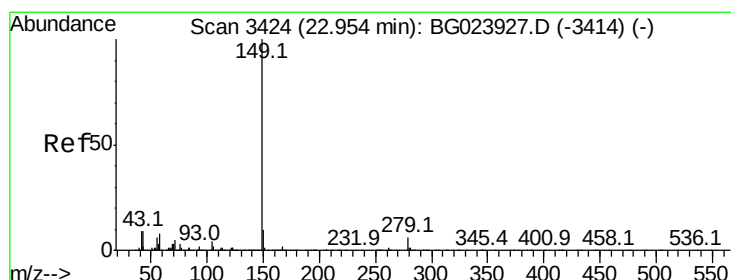
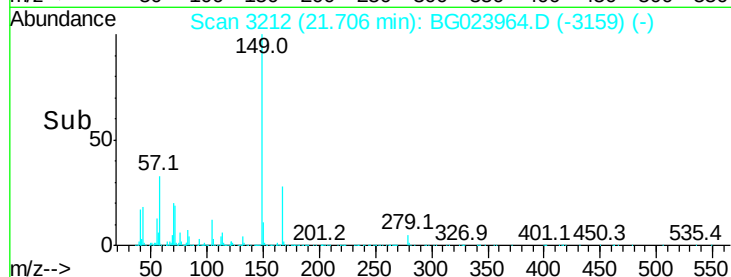
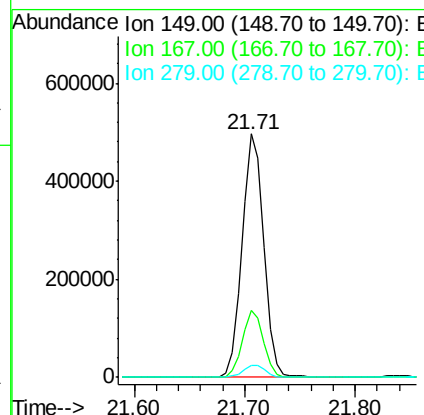
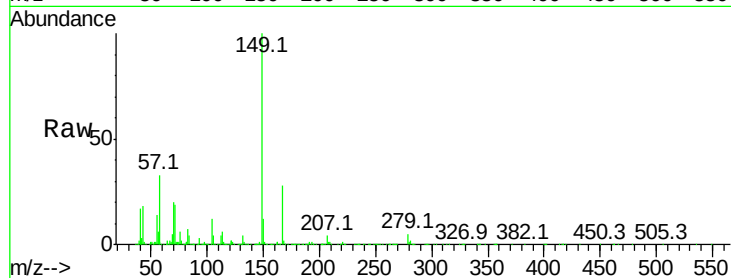




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.31 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. 0.01 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

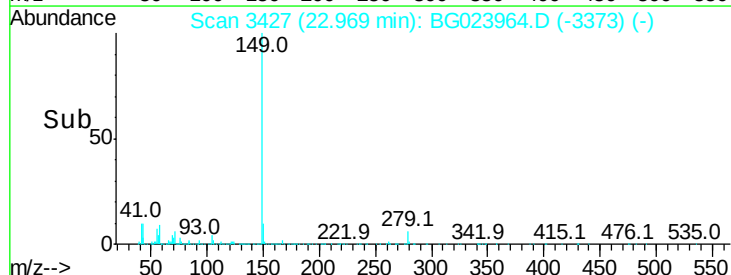
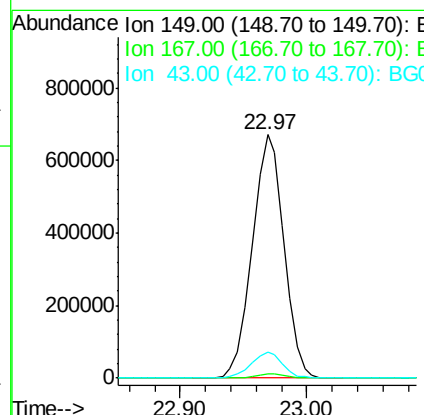
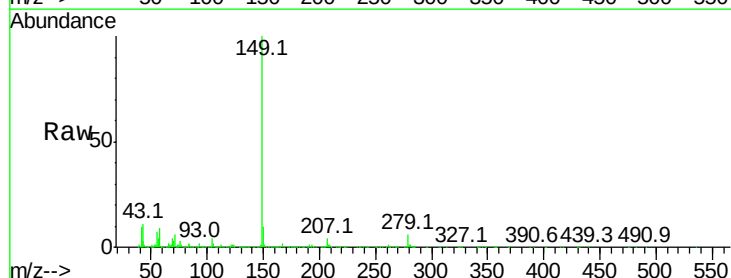
Instrument :
 BNA_G
 ClientSampleId :

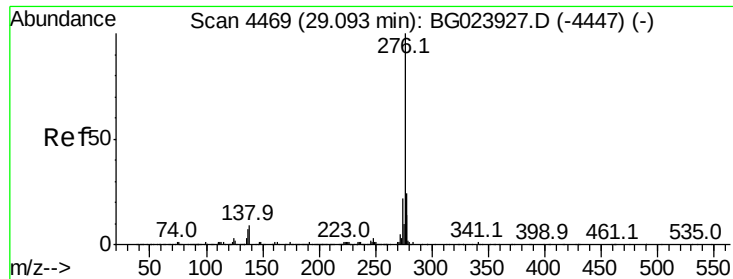
Tot Ion:149 Resp: 681436
 Ion Ratio Lower Upper
 149 100
 167 27.7 24.0 36.0
 279 5.1 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 42.86 ng
 RT: 22.97 min Scan# 3427
 Delta R.T. 0.01 min
 Lab File: BG023964.D
 Acq: 8 Sep 2016 11:30

Tgt Ion:149 Resp: 1159673
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.5 2.3
 43 10.6 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.31 ng

RT: 29.14 min Scan# 4477

Delta R.T. 0.04 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

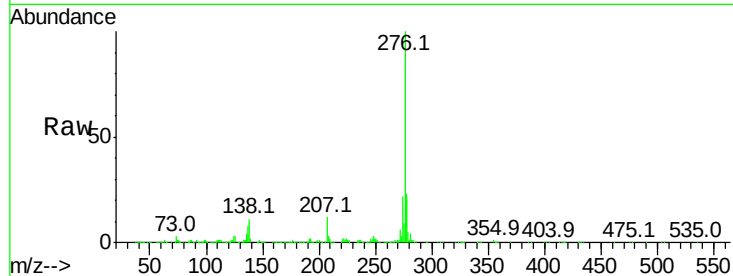
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1388507

Ion	Ratio	Lower	Upper
276	100		
138	5.7	0.0	0.0#
277	25.4	0.0	0.0#

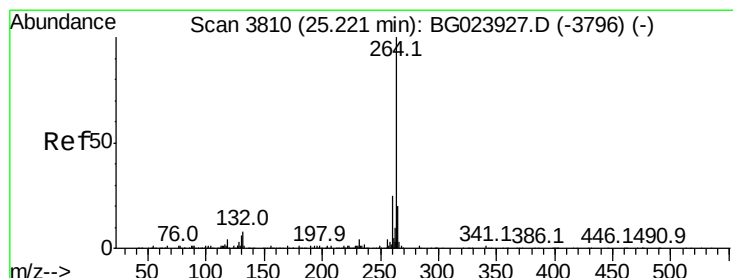
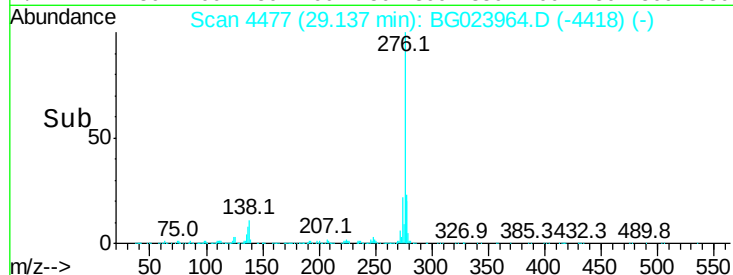
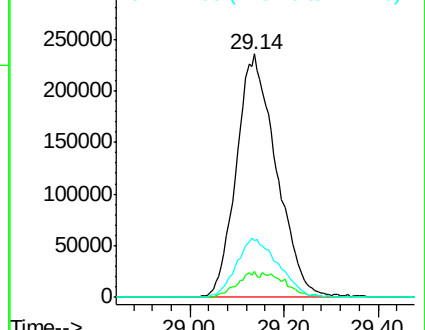


Abundance

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: 20.00 ng

RT: 25.25 min Scan# 3816

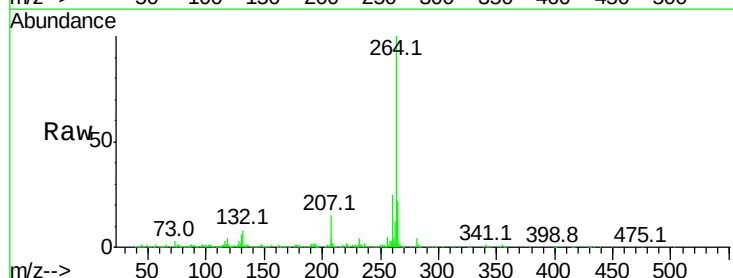
Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Tgt Ion:264 Resp: 510630

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	22.2	18.9	28.3

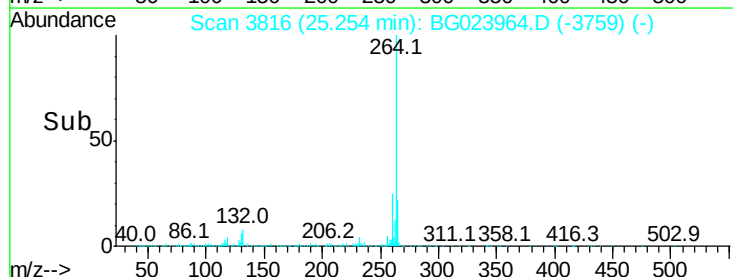
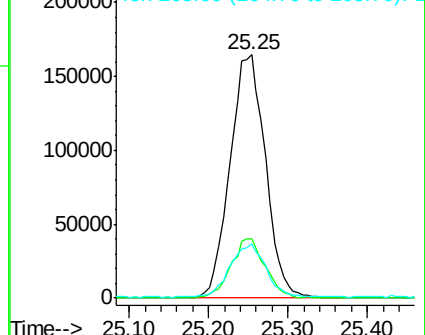


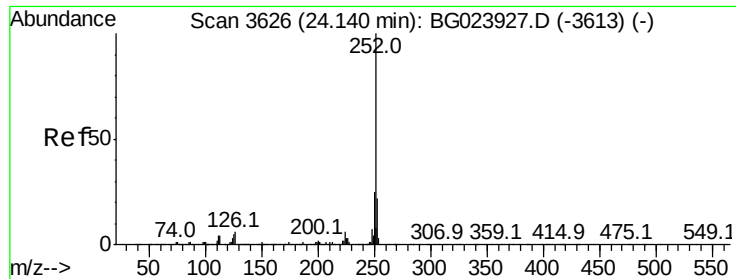
Abundance

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: 41.25 ng

RT: 24.17 min Scan# 3631

Delta R.T. 0.03 min

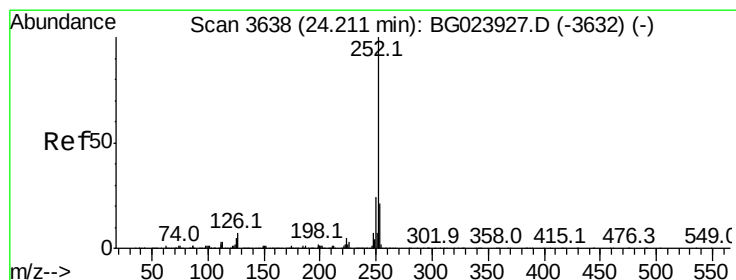
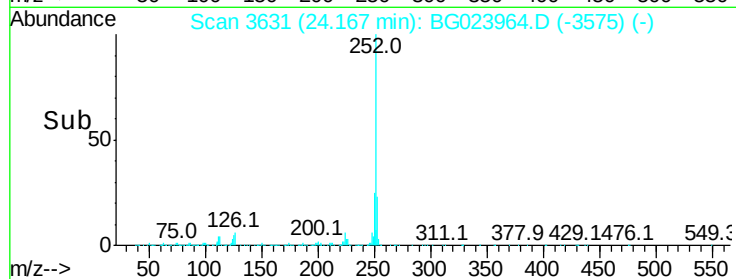
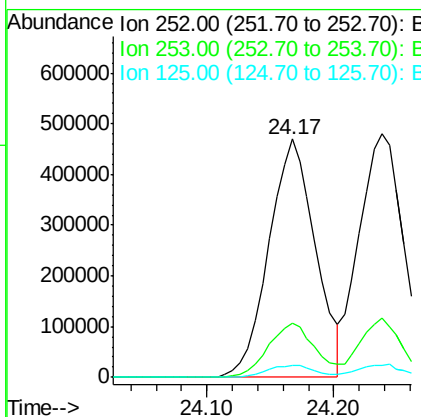
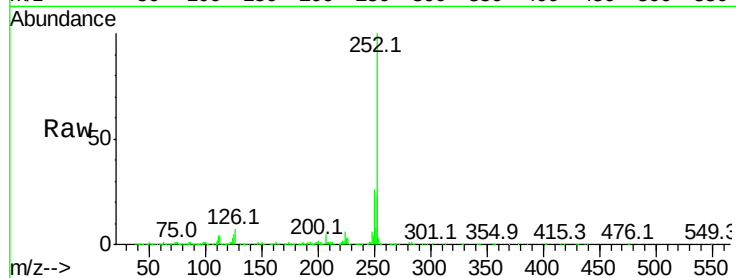
Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1196469

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	5.1	3.9	5.9



#88

Benzo(k)fluoranthene

Concen: 40.39 ng

RT: 24.24 min Scan# 3643

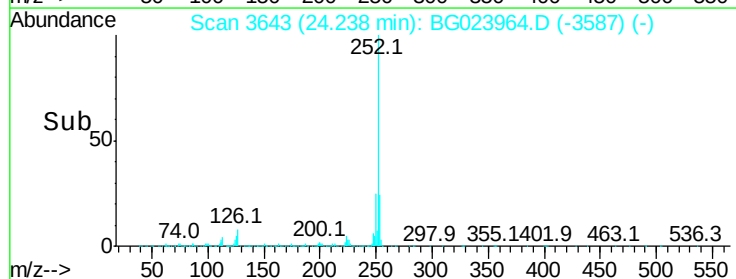
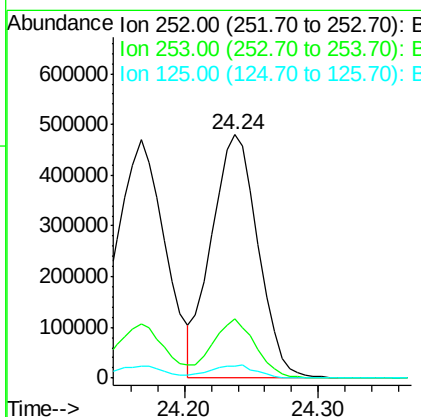
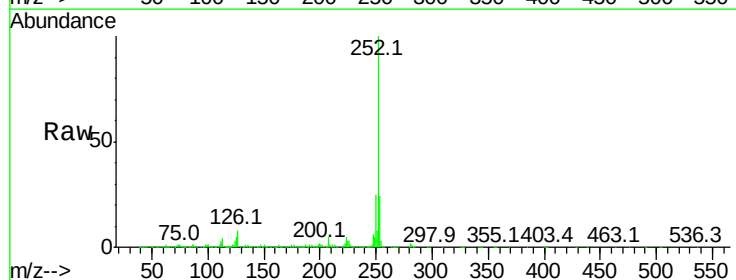
Delta R.T. 0.03 min

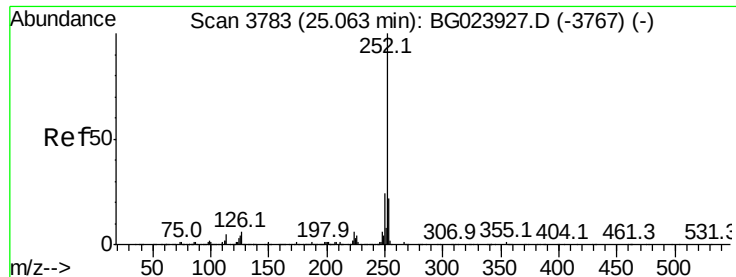
Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Tgt Ion:252 Resp: 1161628

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.8	28.2
125	4.9	3.2	4.8





#89

Benzo(a)pyrene

Concen: 41.57 ng

RT: 25.09 min Scan# 3788

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

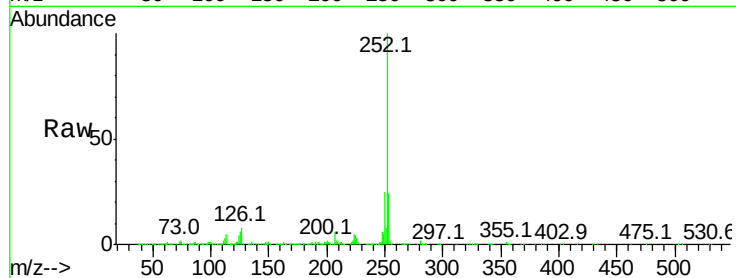
Instrument :

BNA_G

ClientSampled :

Tot Ion:252 Resp: 1145064

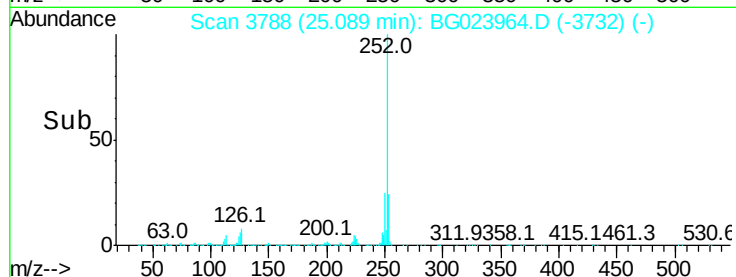
Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.7	28.1
125	6.1	3.9	5.9



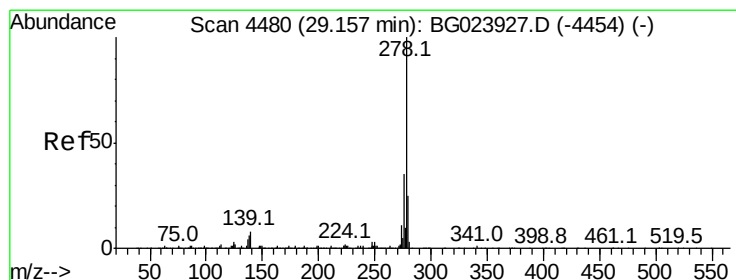
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 41.32 ng

RT: 29.19 min Scan# 4486

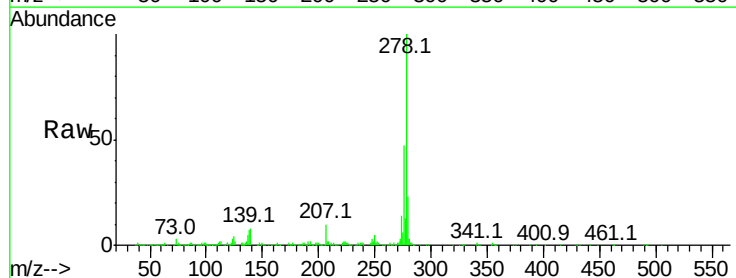
Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

Tgt Ion:278 Resp: 1119239

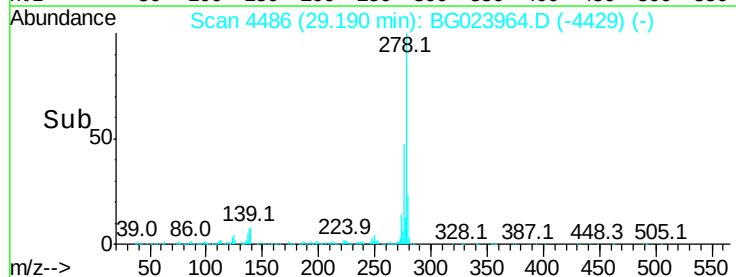
Ion	Ratio	Lower	Upper
278	100		
139	8.3	4.7	7.1
279	23.3	18.3	27.5



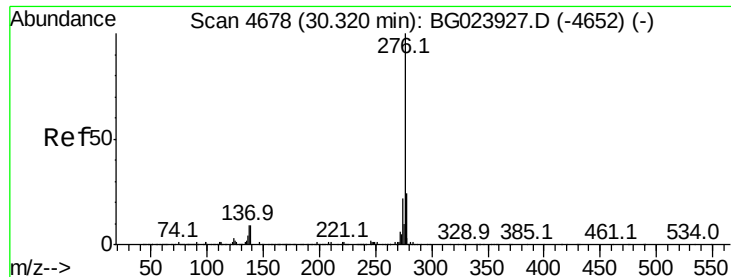
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#91

Benzo(a,h,i)perylene

Concen: 43.61 ng

RT: 30.35 min Scan# 4684

Delta R.T. 0.03 min

Lab File: BG023964.D

Acq: 8 Sep 2016 11:30

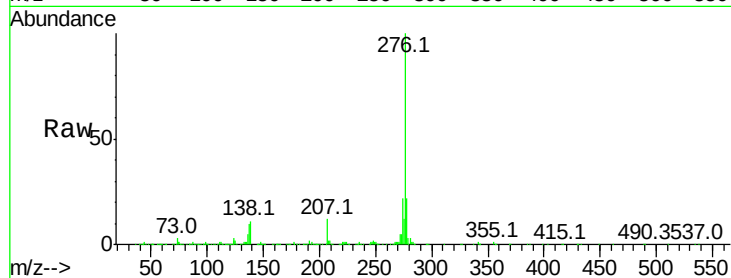
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1136170

Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.6	27.8
138	11.1	6.8	10.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

