

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023368.D
 Acq On : 31 Jul 2016 14:55
 Operator : UM/SJ
 Sample : PB92481BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:25:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	175262	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	851813	20.00	ng	-0.02
38) Acenaphthene-d10	14.79	164	612755	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	1454496	20.00	ng	-0.02
75) Chrysene-d12	21.86	240	1269331	20.00	ng	-0.02
86) Perylene-d12	25.24	264	1292200	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1313707	127.96	ng	0.00
7) Phenol-d6	7.28	99	1922612	121.98	ng	0.00
23) Nitrobenzene-d5	9.30	82	1241085	71.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	909947	143.48	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	2548176	77.83	ng	-0.02
78) Terphenyl-d14	20.15	244	3051524	78.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	121660	27.63	ng	# 95
3) Pyridine	3.93	79	405936	26.34	ng	92
4) n-Nitrosodimethylamine	3.84	42	176027	25.28	ng	# 67
6) Aniline	7.44	93	638436	30.33	ng	91
8) 2-Chlorophenol	7.69	128	496444	43.34	ng	96
9) Benzaldehyde	7.25	77	222463	19.65	ng	93
10) Phenol	7.31	94	717288	43.13	ng	# 79
11) bis(2-Chloroethyl)ether	7.54	93	497617	35.20	ng	96
12) 1,3-Dichlorobenzene	8.16	146	482658	37.39	ng	92
13) 1,4-Dichlorobenzene	8.16	146	482658	36.65	ng	97
14) 1,2-Dichlorobenzene	8.48	146	474388	37.34	ng	# 91
15) Benzyl Alcohol	8.36	79	509946	48.07	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.66	45	711479	31.63	ng	90
17) 2-Methylphenol	8.57	107	497346	43.75	ng	# 88
18) Hexachloroethane	9.22	117	176685	32.20	ng	94
19) n-Nitroso-di-n-propylamine	8.93	70	484270	34.16	ng	98
20) 3+4-Methylphenols	8.90	107	702831	45.47	ng	89
22) Acetophenone	8.95	105	711246	31.98	ng	# 90
24) Nitrobenzene	9.35	77	680421	33.64	ng	# 85
25) Isophorone	9.86	82	1295674	36.01	ng	# 93
26) 2-Nitrophenol	10.06	139	298596	39.08	ng	# 71
27) 2,4-Dimethylphenol	10.12	122	555618	43.15	ng	85
28) bis(2-Chloroethoxy)methane	10.35	93	780800	38.68	ng	98
29) 2,4-Dichlorophenol	10.60	162	566729	45.46	ng	98
30) 1,2,4-Trichlorobenzene	10.81	180	513752	37.29	ng	100
31) Naphthalene	11.01	128	1506784	38.07	ng	97
32) Benzoic acid	10.25	122	303654	32.18	ng	# 90
33) 4-Chloroaniline	11.12	127	151990	8.31	ng	# 89
34) Hexachlorobutadiene	11.28	225	311976	34.55	ng	95
35) Caprolactam	11.90	113	135820	25.62	ng	93
36) 4-Chloro-3-methylphenol	12.24	107	694311	42.39	ng	# 88
37) 2-Methylnaphthalene	12.61	142	1188523	40.50	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	566052	28.53	ng	100
40) Hexachlorocyclopentadiene	12.95	237	766115	81.50	ng	97

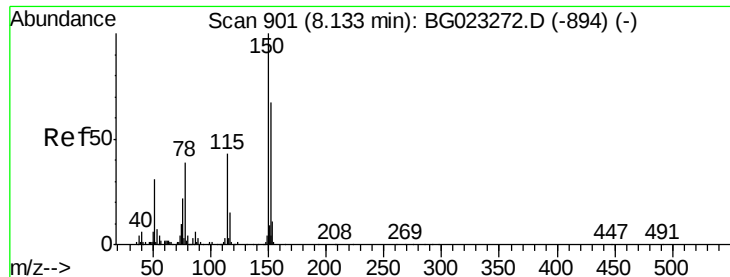
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	491611	42.19	nq	97
43) 2,4,5-Trichlorophenol	13.29	196	522951	42.31	nq	91
45) 1,1'-Biphenyl	13.62	154	1450012	33.93	nq	94
46) 2-Chloronaphthalene	13.66	162	1258298	36.75	nq	95
47) 2-Nitroaniline	13.87	65	537820	37.13	nq	# 85
48) Acenaphthylene	14.51	152	2015854	38.45	nq	96
49) Dimethylphthalate	14.23	163	1737956	38.43	nq	97
50) 2,6-Dinitrotoluene	14.36	165	413485	39.05	nq	# 77
51) Acenaphthene	14.85	154	1285530	37.80	nq	97
52) 3-Nitroaniline	14.70	138	257261	24.12	nq	# 66
53) 2,4-Dinitrophenol	14.90	184	545713	88.02	nq	86
54) Dibenzofuran	15.19	168	2012051	41.81	nq	98
55) 4-Nitrophenol	15.01	139	706364	76.35	nq	# 70
56) 2,4-Dinitrotoluene	15.15	165	597351	40.06	nq	89
57) Fluorene	15.84	166	1654949	38.95	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	509780	48.72	nq	94
59) Diethylphthalate	15.60	149	1786881	38.58	nq	94
60) 4-Chlorophenyl-phenylether	15.83	204	873594	37.98	nq	97
61) 4-Nitroaniline	15.87	138	448869	40.14	nq	# 60
62) Azobenzene	16.12	77	1916163	39.90	nq	89
64) 4,6-Dinitro-2-methylphenol	15.92	198	375813	40.23	nq	95
65) n-Nitrosodiphenylamine	16.04	169	1561099	40.20	nq	# 92
66) 4-Bromophenyl-phenylether	16.72	248	627430	42.66	nq	96
67) Hexachlorobenzene	16.85	284	645130	43.63	nq	95
68) Atrazine	16.99	200	613781	41.21	nq	95
69) Pentachlorophenol	17.19	266	781792	85.66	nq	99
70) Phenanthrene	17.68	178	2610804	41.04	nq	92
71) Anthracene	17.68	178	2610804	40.62	nq	# 92
72) Carbazole	17.96	167	2422386	41.14	nq	95
73) Di-n-butylphthalate	18.50	149	2699042	41.09	nq	# 96
74) Fluoranthene	19.60	202	2780923	38.30	nq	90
76) Benzidine	19.78	184	1430619	40.07	nq	99
77) Pyrene	19.97	202	2724048	37.82	nq	# 92
79) Butylbenzylphthalate	20.84	149	1209656	38.17	nq	96
80) Benzo(a)anthracene	21.84	228	2539661	38.22	nq	97
81) 3,3'-Dichlorobenzidine	21.75	252	646643	24.00	nq	# 93
82) Chrysene	21.91	228	2377404	37.03	nq	93
83) Bis(2-ethylhexyl)phthalate	21.72	149	1649354	37.20	nq	97
84) Di-n-octyl phthalate	22.99	149	2744731	37.84	nq	100
85) Indeno(1,2,3-cd)pyrene	29.12	276	3227248	43.09	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	2747138	40.02	nq	# 95
88) Benzo(k)fluoranthene	24.24	252	2591244	37.76	nq	# 93
89) Benzo(a)pyrene	25.09	252	2645684	39.33	nq	# 95
90) Dibenzo(a,h)anthracene	29.18	278	2657222	41.76	nq	# 89
91) Benzo(g,h,i)perylene	30.32	276	2672321	39.89	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

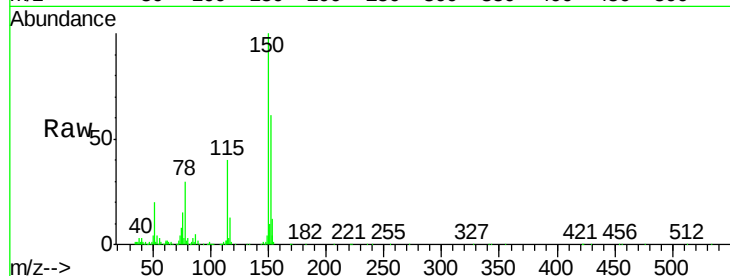
Tot Ion:152 Resp: 175262

Ion Ratio Lower Upper

152 100

150 163.6 144.7 217.1

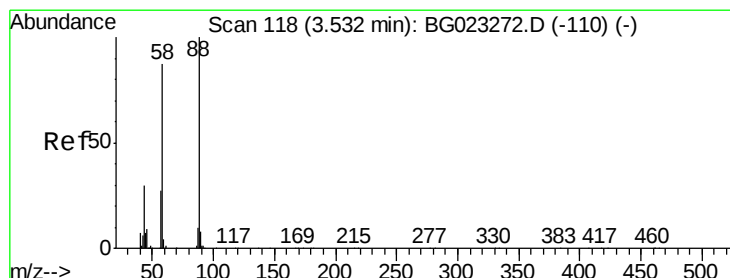
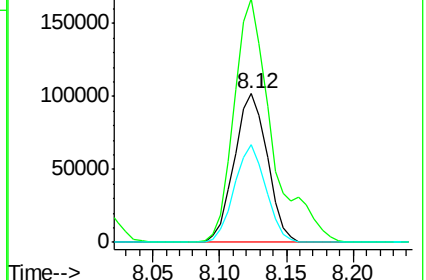
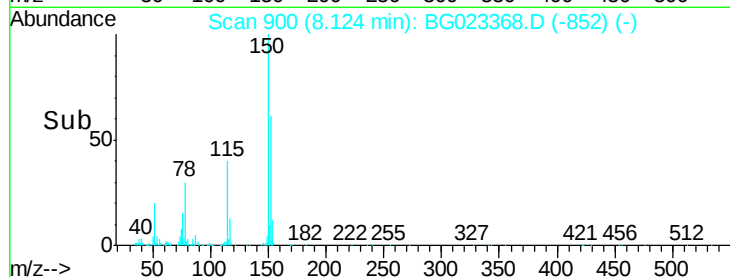
115 65.6 64.0 96.0



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: 27.63 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

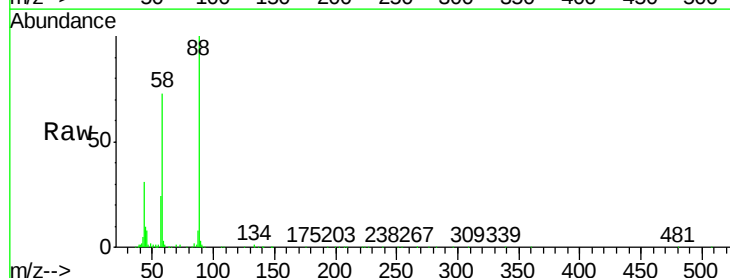
Tgt Ion: 88 Resp: 121660

Ion Ratio Lower Upper

88 100

58 76.1 60.4 90.6

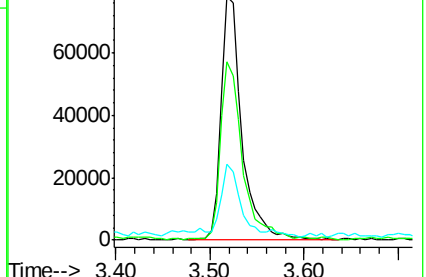
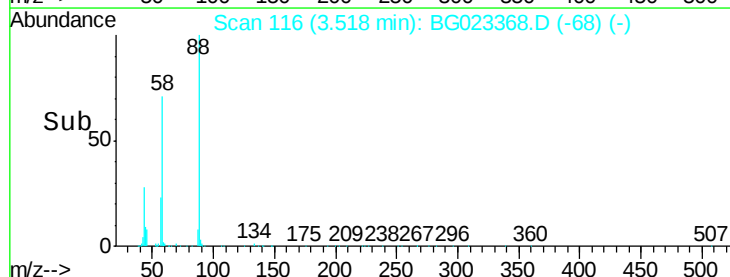
43 30.7 31.1 46.7#

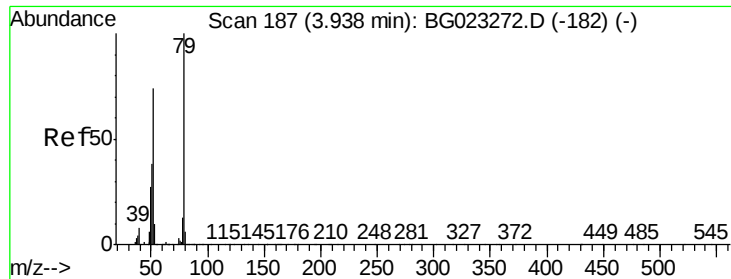


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.34 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.03 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampled :

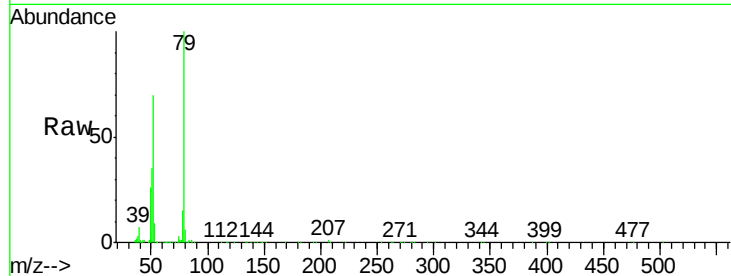
Tot Ion: 79 Resp: 405936

Ion Ratio Lower Upper

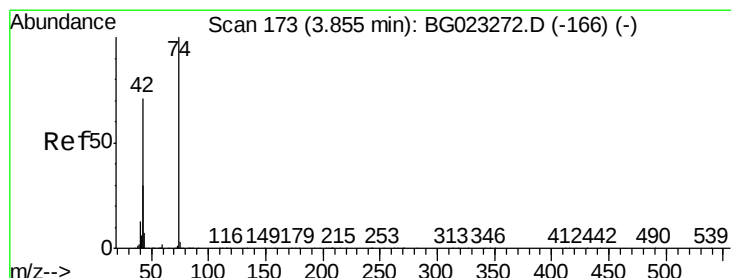
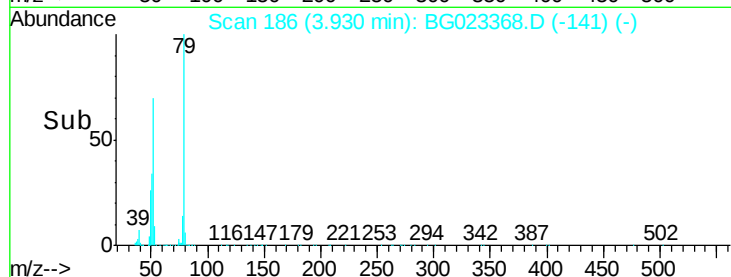
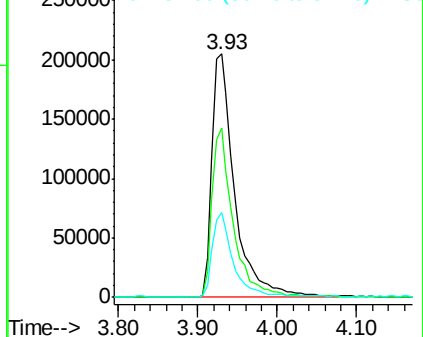
79 100

52 69.6 51.8 77.8

51 34.6 32.7 49.1



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



#4

n-Nitrosodimethylamine

Concen: 25.28 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

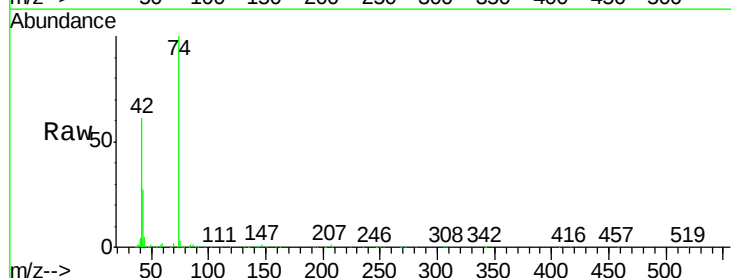
Tgt Ion: 42 Resp: 176027

Ion Ratio Lower Upper

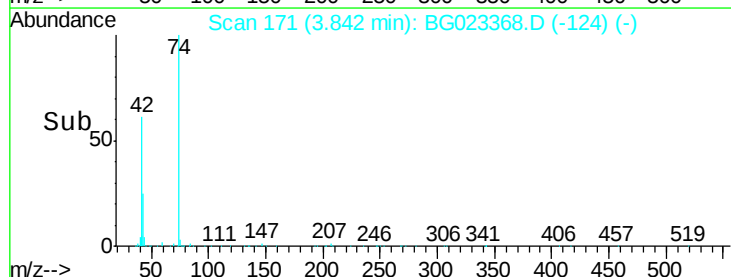
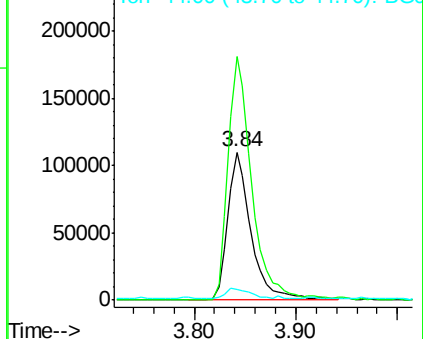
42 100

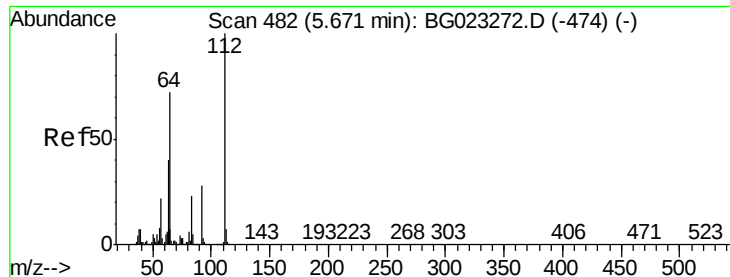
74 164.4 100.6 150.8#

44 7.5 4.5 6.7#



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





#5

2-Fluorophenol

Concen: 127.96 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampled :

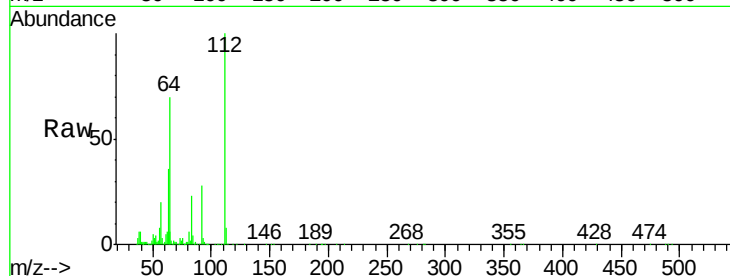
Tot Ion:112 Resp: 1313707

Ion Ratio Lower Upper

112 100

64 69.7 59.0 88.4

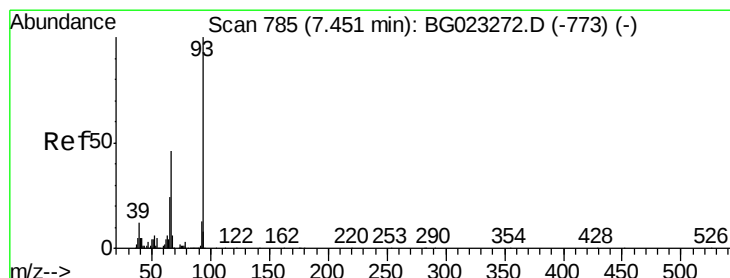
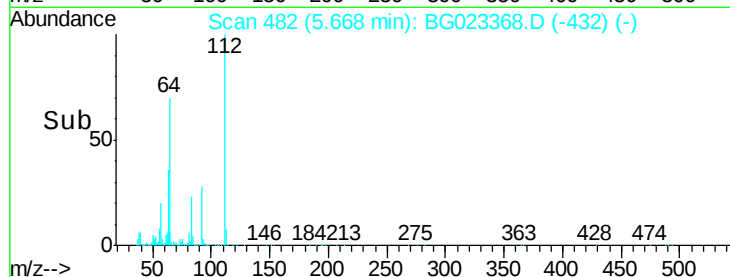
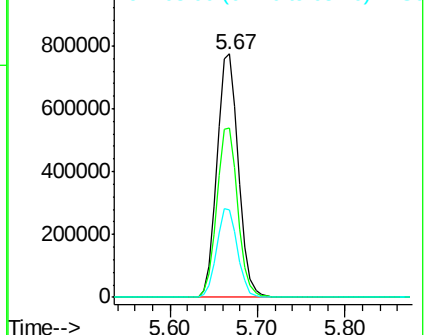
63 35.9 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.33 ng

RT: 7.44 min Scan# 784

Delta R.T. -0.01 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

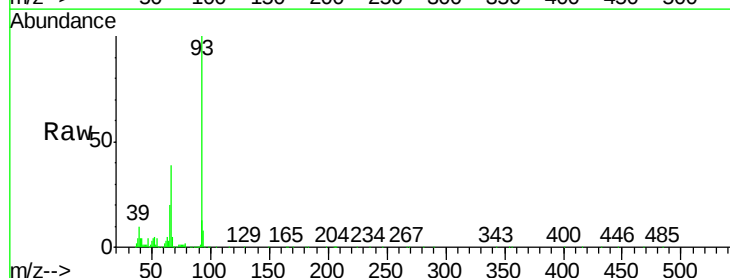
Tgt Ion: 93 Resp: 638436

Ion Ratio Lower Upper

93 100

66 39.1 37.5 56.3

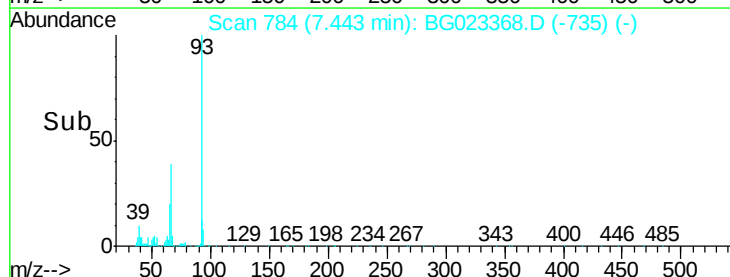
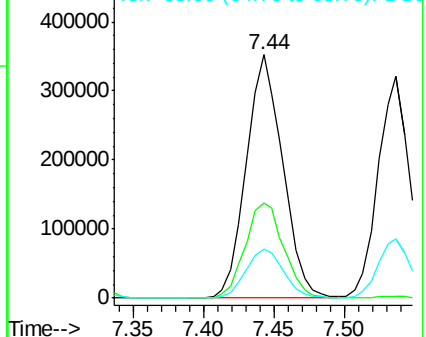
65 20.1 17.9 26.9

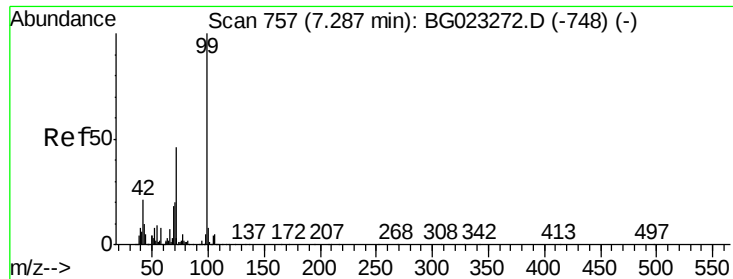


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.98 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampled :

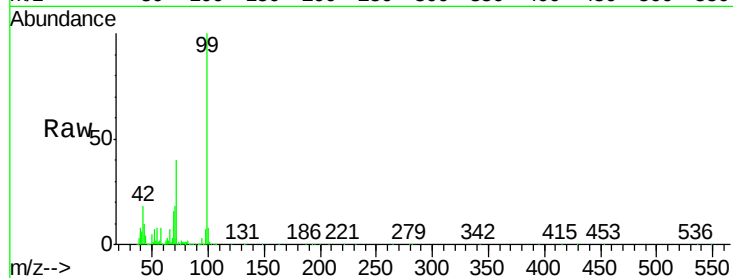
Tot Ion: 99 Resp: 1922612

Ion Ratio Lower Upper

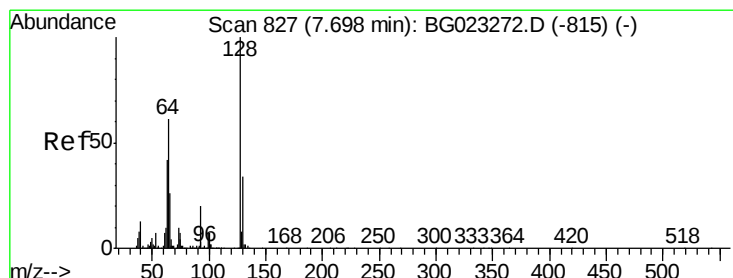
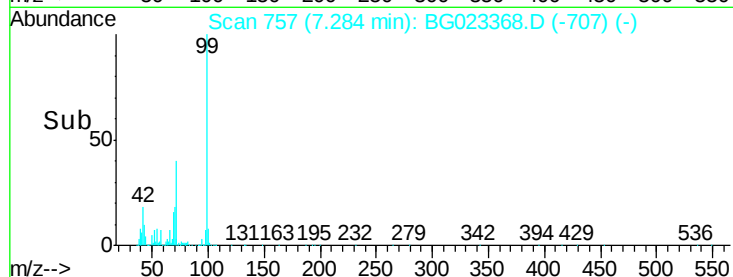
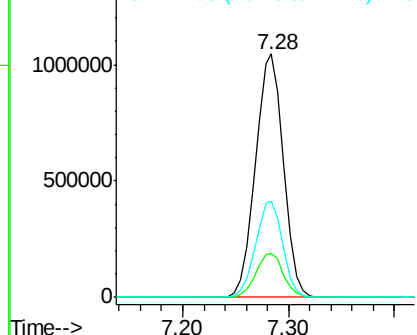
99 100

42 17.8 17.8 26.6

71 39.5 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: 43.34 ng

RT: 7.69 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

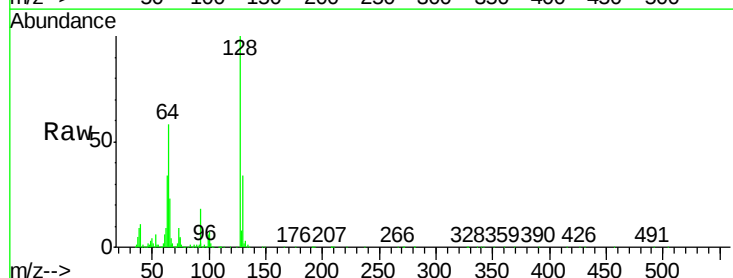
Tgt Ion: 128 Resp: 496444

Ion Ratio Lower Upper

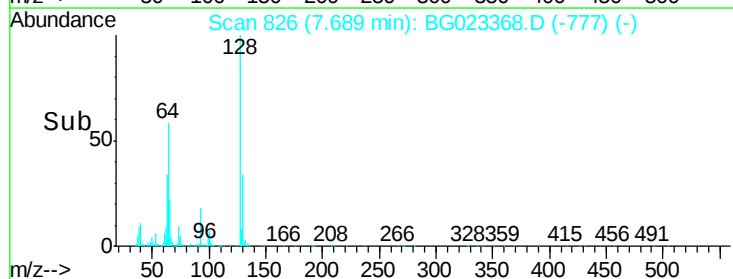
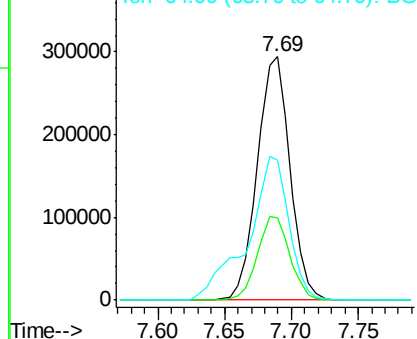
128 100

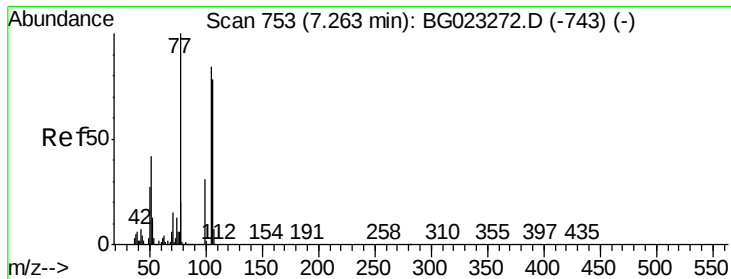
130 33.7 12.9 52.9

64 57.6 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: 19.65 ng

RT: 7.25 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

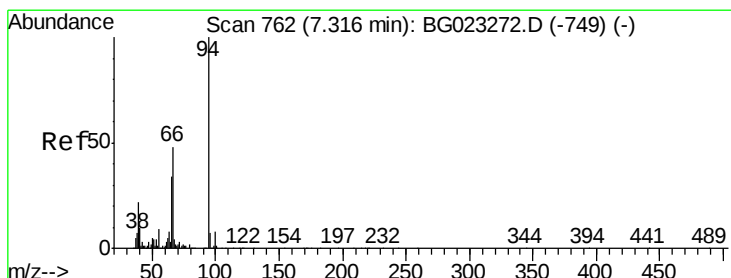
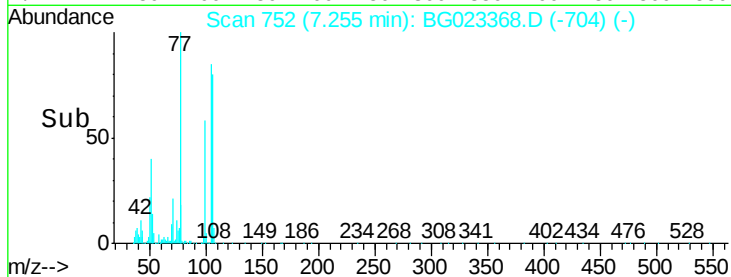
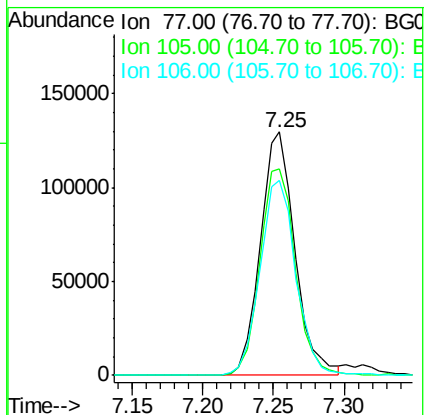
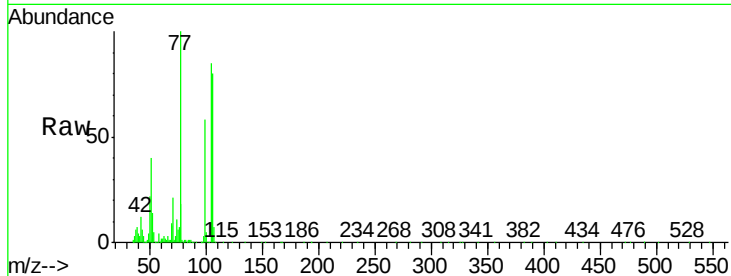
Tot Ion: 77 Resp: 222463

Ion Ratio Lower Upper

77 100

105 84.7 58.7 98.7

106 80.1 67.5 107.5



#10

Phenol

Concen: 43.13 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

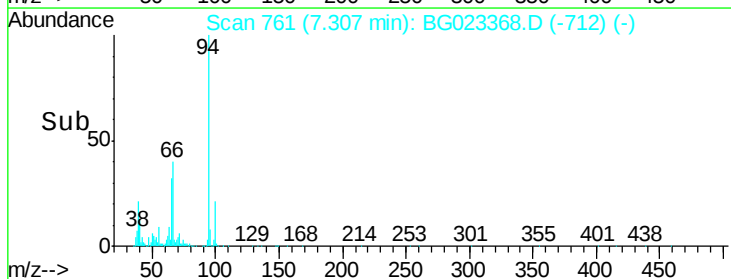
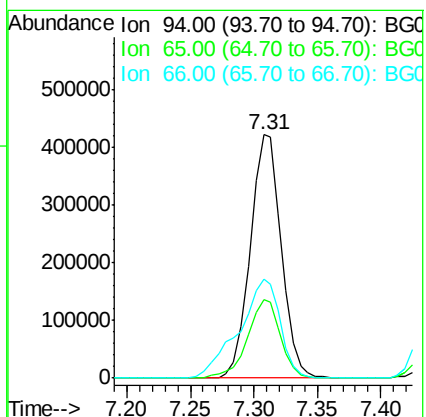
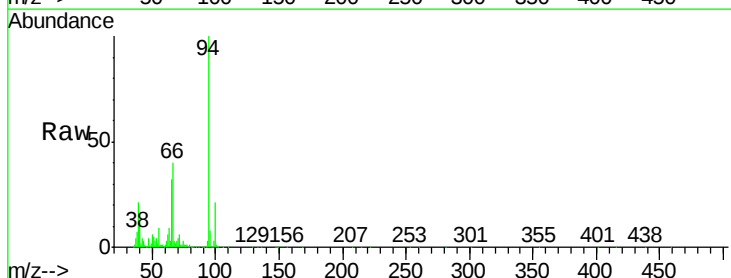
Tgt Ion: 94 Resp: 717288

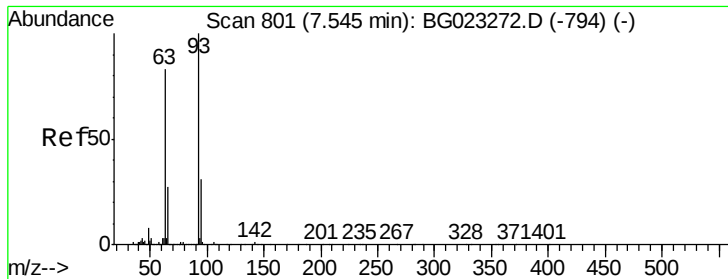
Ion Ratio Lower Upper

94 100

65 32.0 18.1 58.1

66 40.5 42.1 82.1#

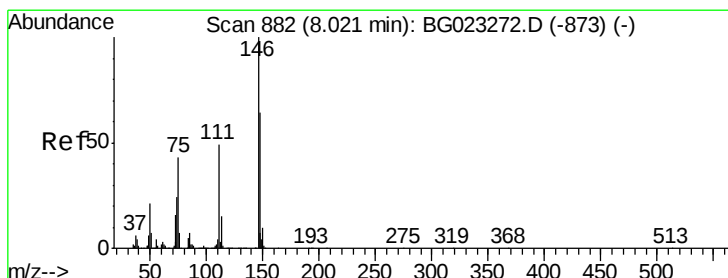
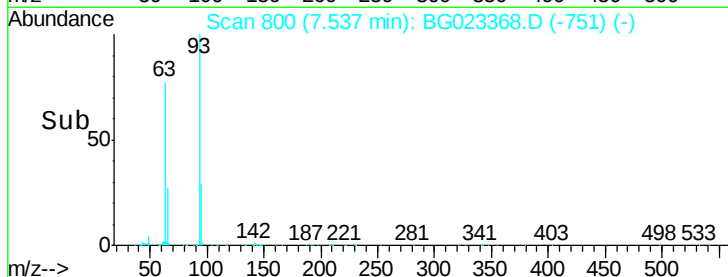
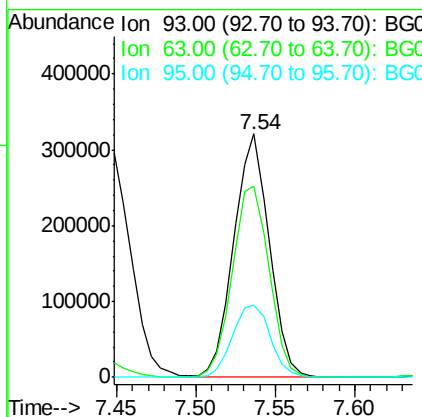
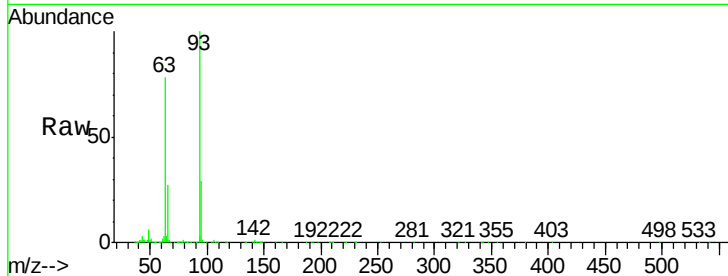




#11
bis(2-Chloroethyl)ether
Concen: 35.20 ng
RT: 7.54 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

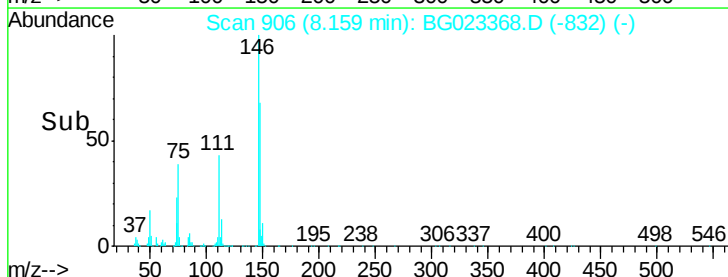
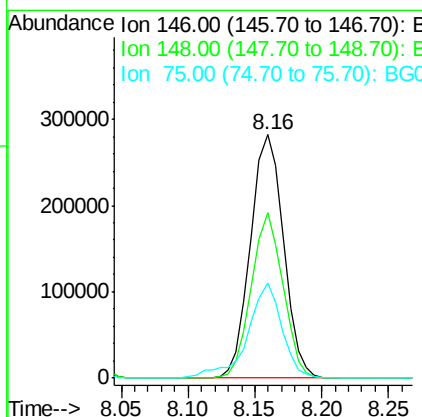
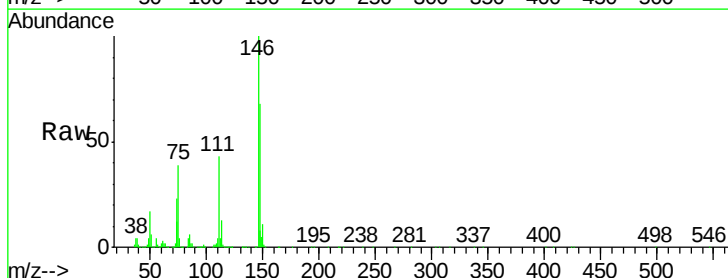
Instrument :
BNA_G
ClientSampleId :

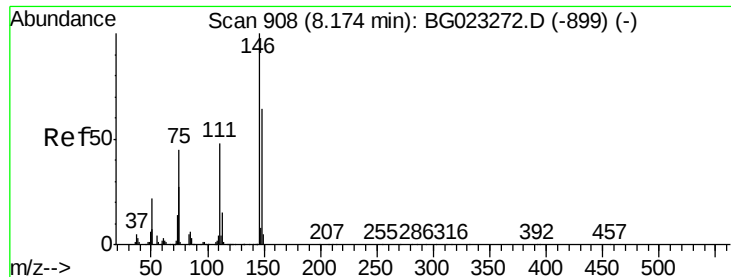
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	55.0	95.0
95	29.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 37.39 ng
RT: 8.16 min Scan# 906
Delta R.T. 0.14 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	50.3	75.5
75	39.3	37.0	55.6

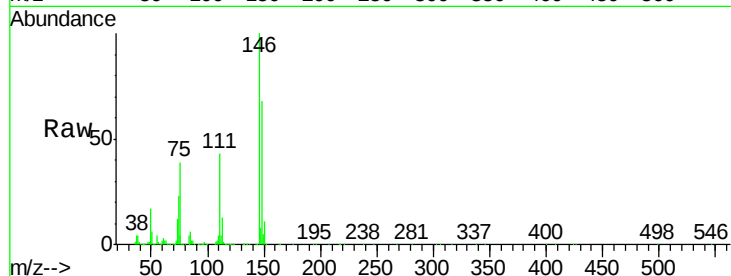




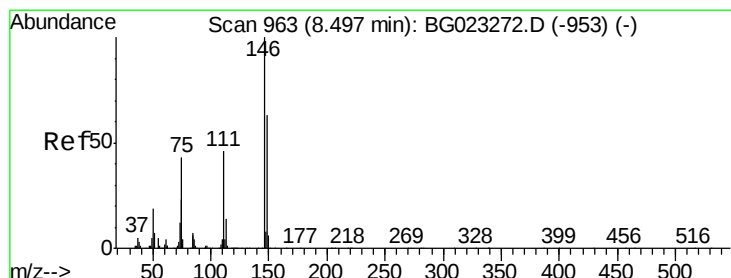
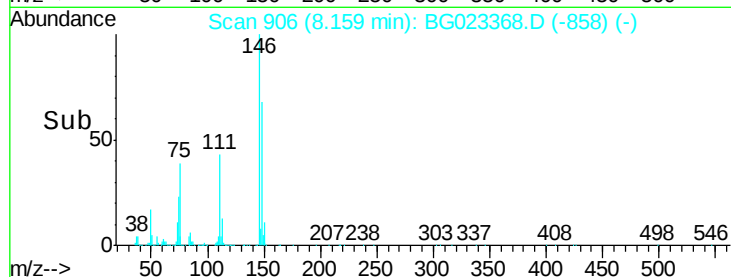
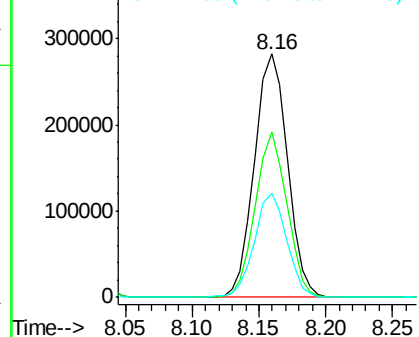
#13
1,4-Dichlorobenzene
Concen: 36.65 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.2	54.5	81.7
111	42.8	37.8	56.8

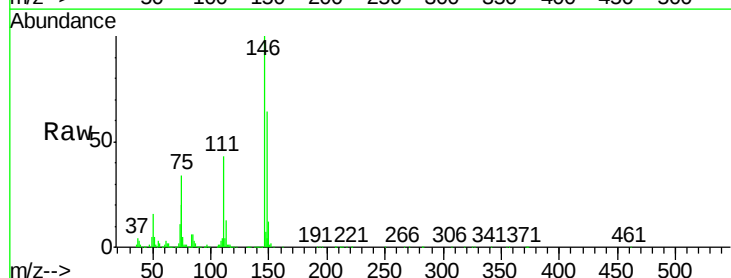


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

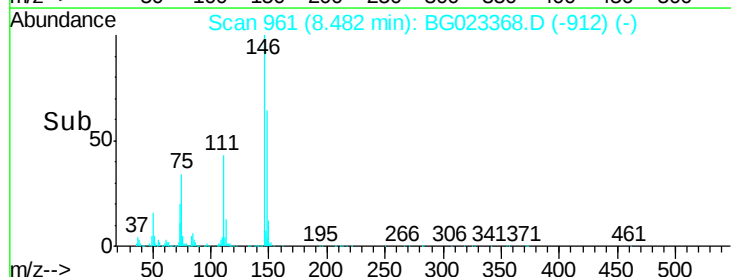
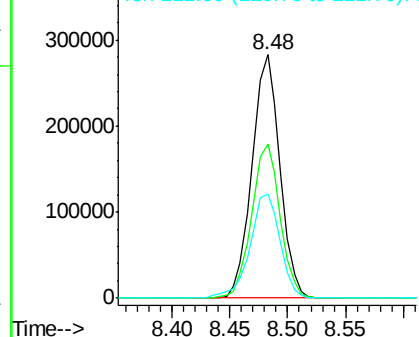


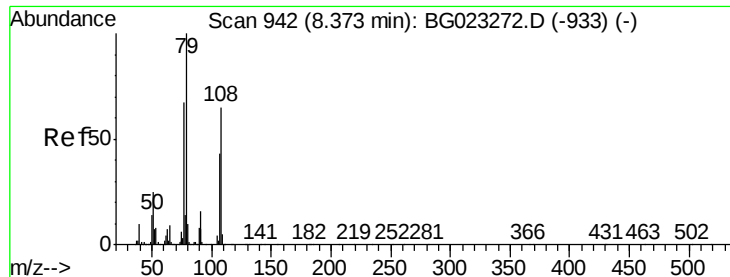
#14
1,2-Dichlorobenzene
Concen: 37.34 ng
RT: 8.48 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.9	79.3
111	42.8	43.5	65.3#



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





#15

Benzyl Alcohol

Concen: 48.07 ng

RT: 8.36 min Scan# 941

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

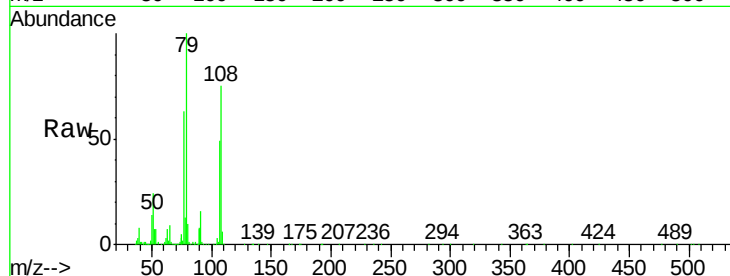
Tot Ion: 79 Resp: 509946

Ion Ratio Lower Upper

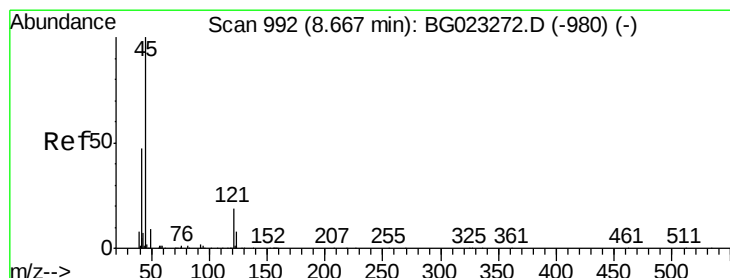
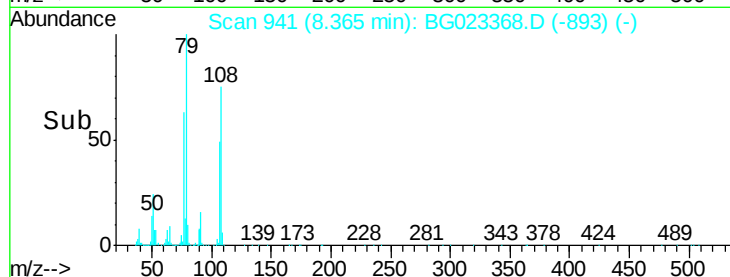
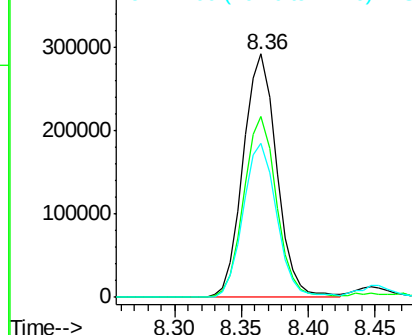
79 100

108 74.5 46.5 69.7#

77 63.1 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: 31.63 ng

RT: 8.66 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

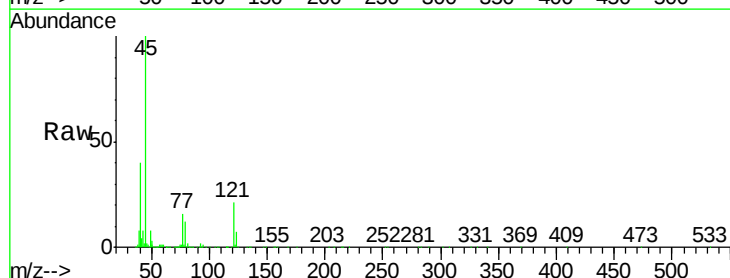
Tgt Ion: 45 Resp: 711479

Ion Ratio Lower Upper

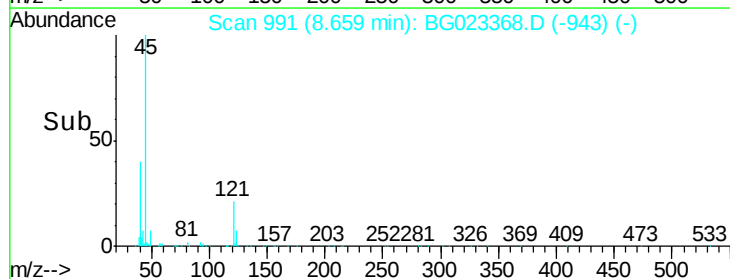
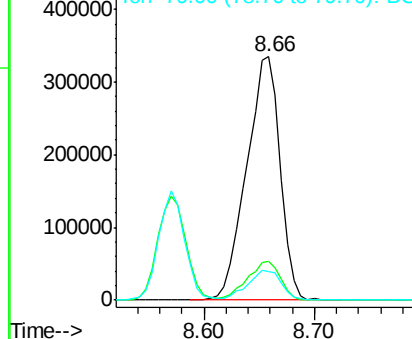
45 100

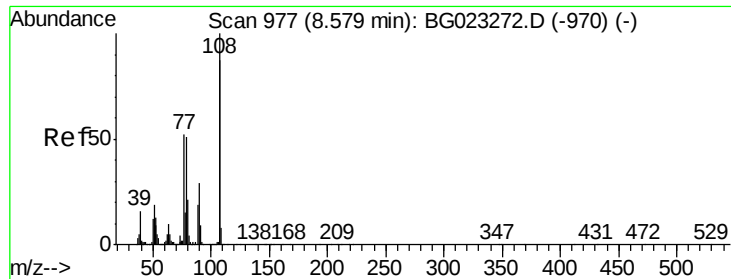
77 16.0 0.6 40.6

79 12.0 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

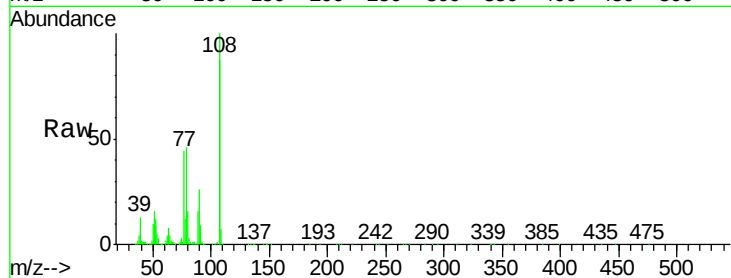




#17
2-Methylphenol
Concen: 43.75 ng
RT: 8.57 min Scan# 976
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.0	138.0
77	50.4	55.8	83.6#
79	52.5	55.0	82.6#



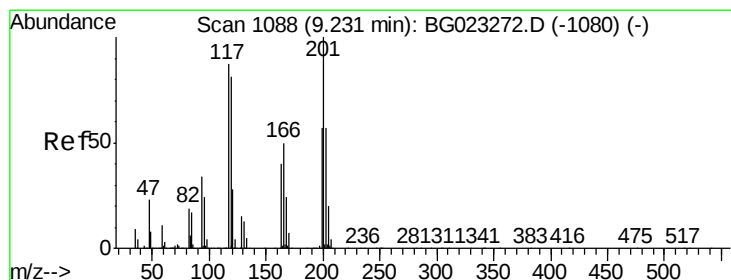
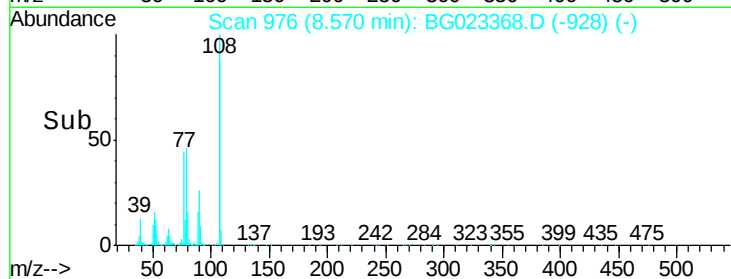
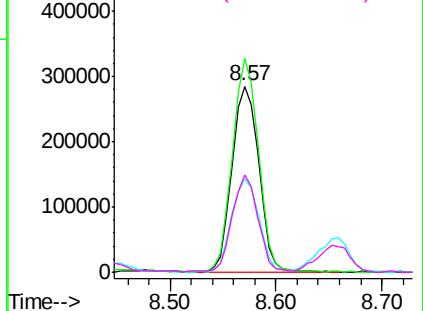
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

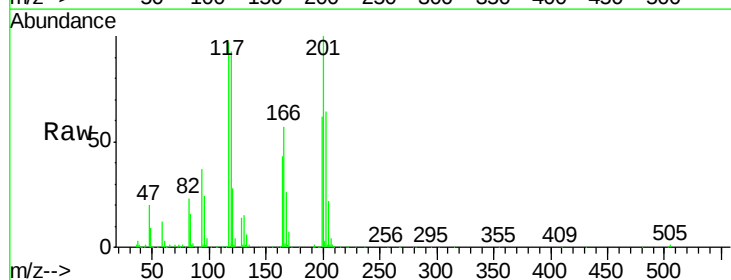
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 32.20 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	73.7	110.5
201	103.4	88.7	133.1

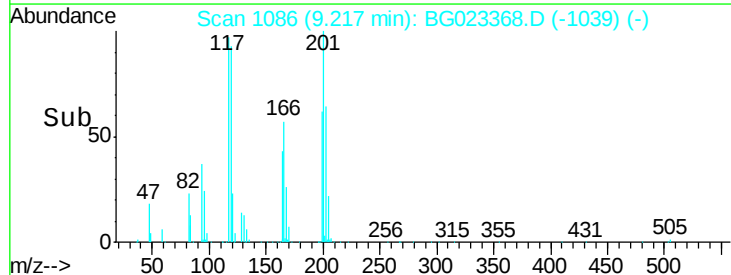
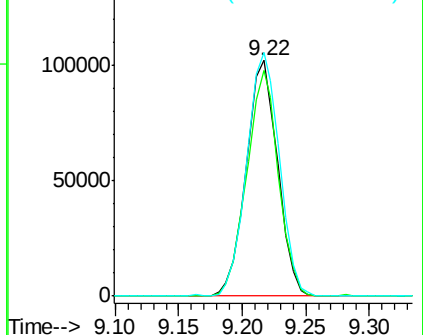


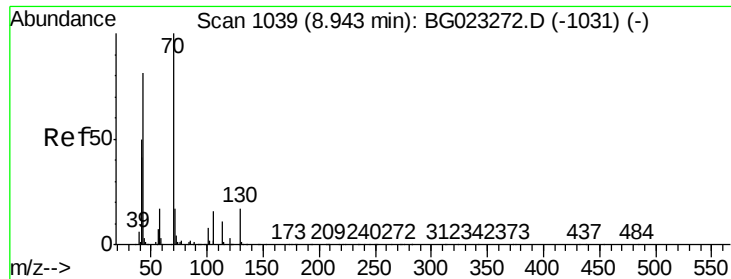
Abundance

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

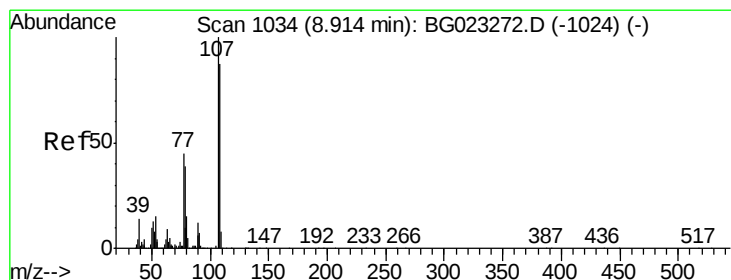
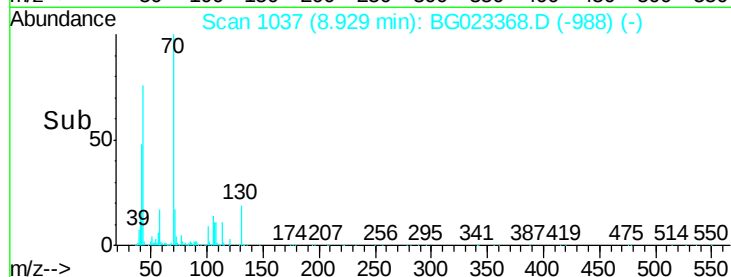
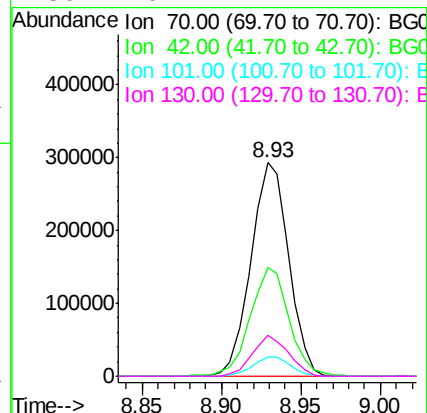
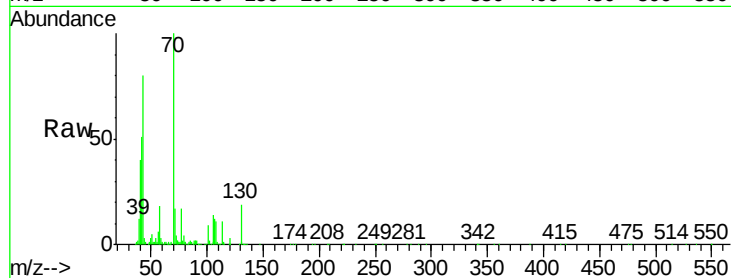




#19
n-Nitroso-di-n-propylamine
Concen: 34.16 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

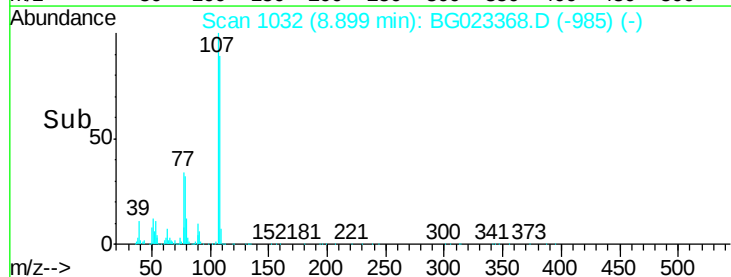
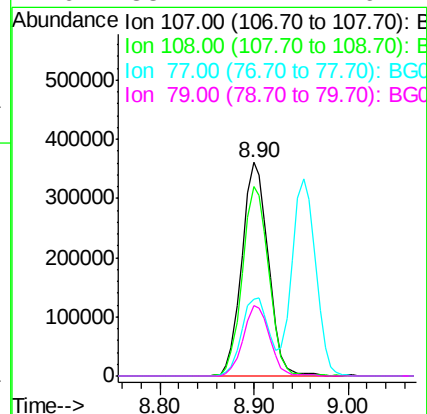
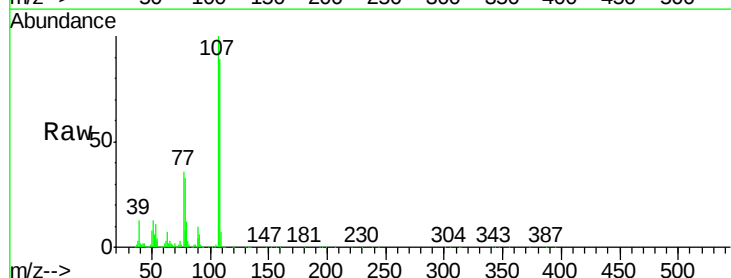
Instrument :
BNA_G
ClientSampleId :

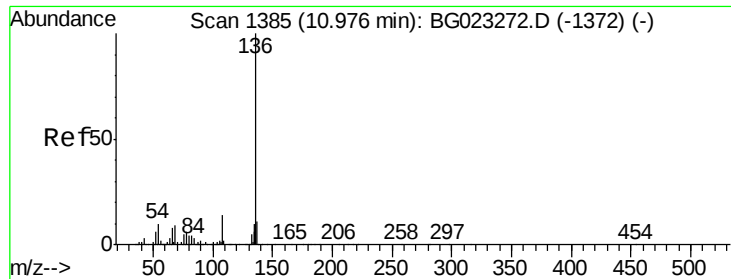
Tot Ion:	70	Resp:	484270
Ion	Ratio	Lower	Upper
70	100		
42	51.2	42.1	63.1
101	9.0	7.2	10.8
130	19.2	14.2	21.2



#20
3+4-Methylphenols
Concen: 45.47 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion:	107	Resp:	702831
Ion	Ratio	Lower	Upper
107	100		
108	88.9	72.5	112.5
77	36.2	30.1	70.1
79	33.1	24.2	64.2

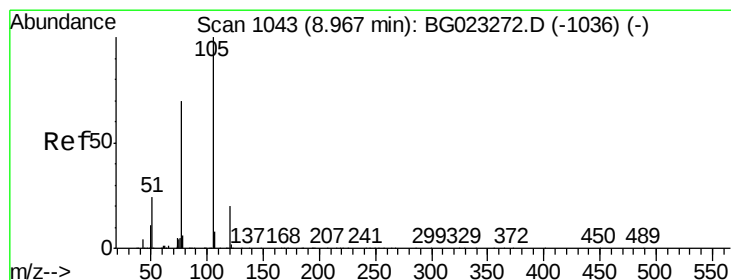
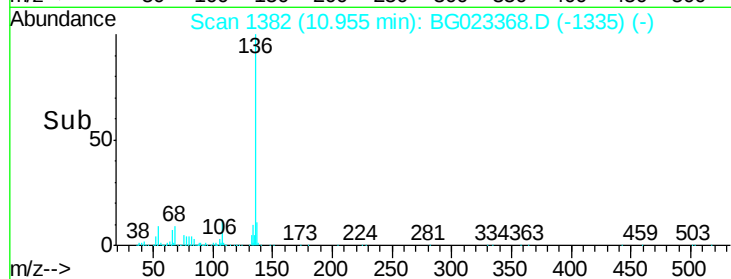
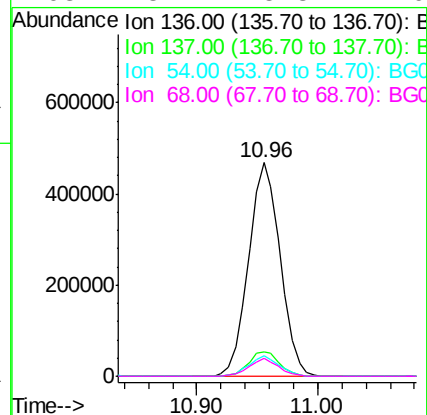
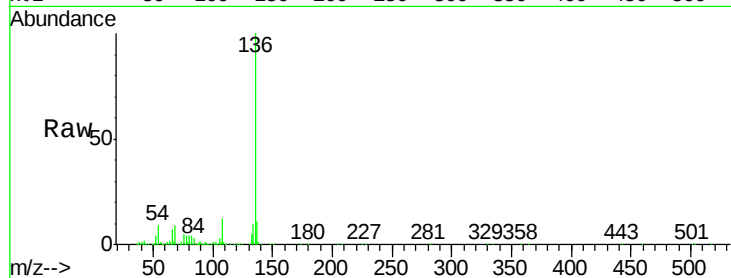




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

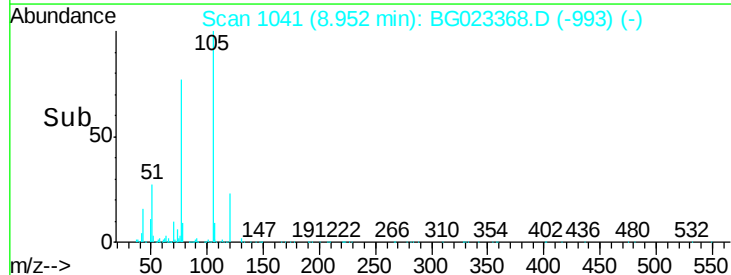
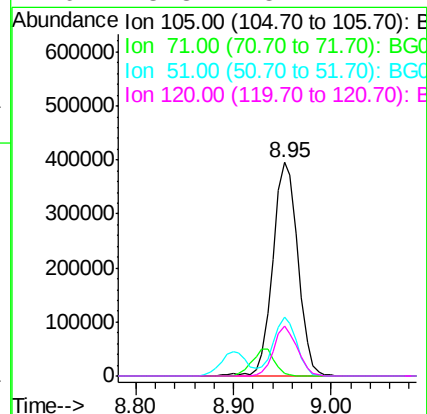
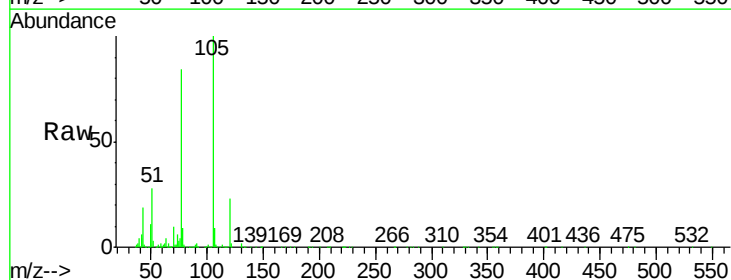
Instrument :
BNA_G
ClientSampleId :

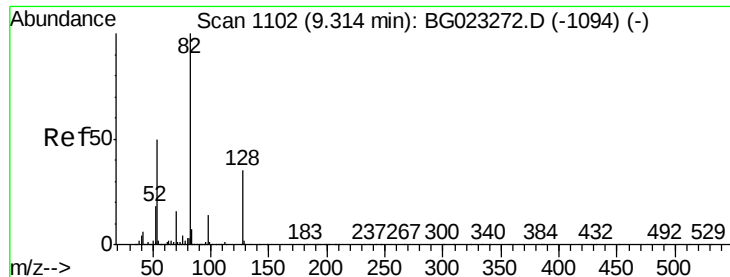
Tot Ion:136	Resp:	851813
Ion Ratio	Lower	Upper
136 100		
137 11.4	9.6	14.4
54 9.5	7.3	10.9
68 8.7	5.3	7.9#



#22
Acetophenone
Concen: 31.98 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt	Ion:105	Resp:	711246
Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.6	3.8#
51	27.9	27.1	40.7
120	23.3	15.1	22.7#

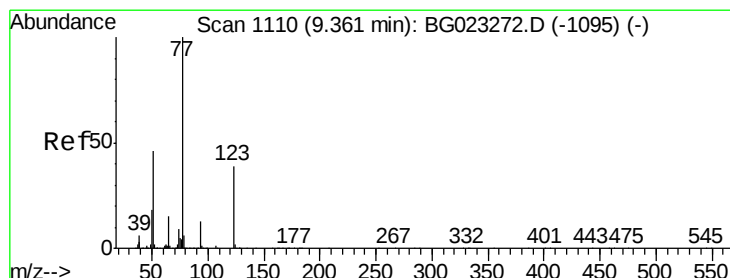
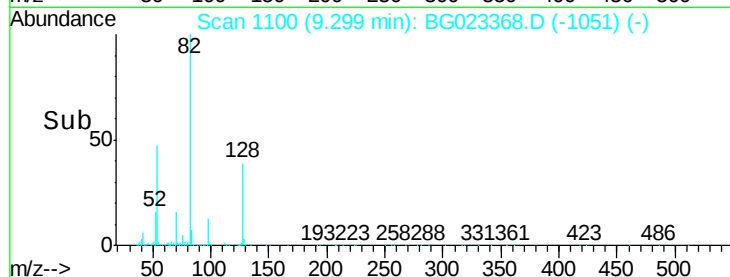
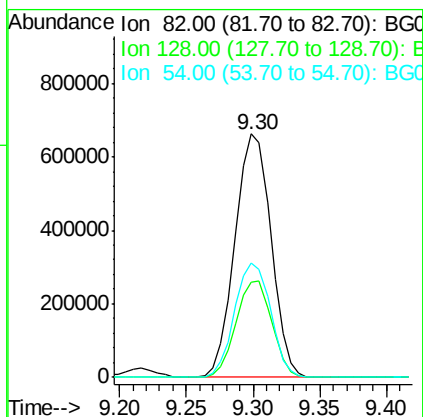
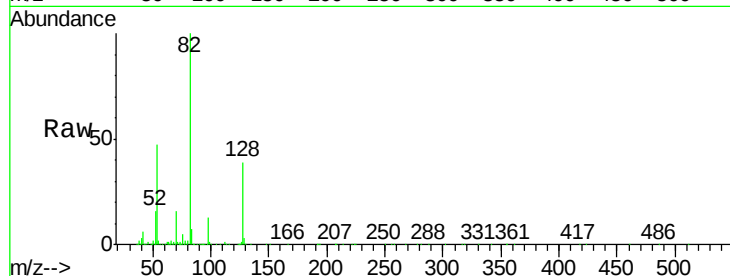




#23
 Nitrobenzene-d5
 Concen: 71.25 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

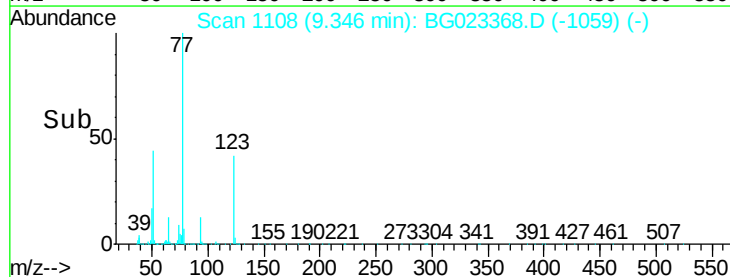
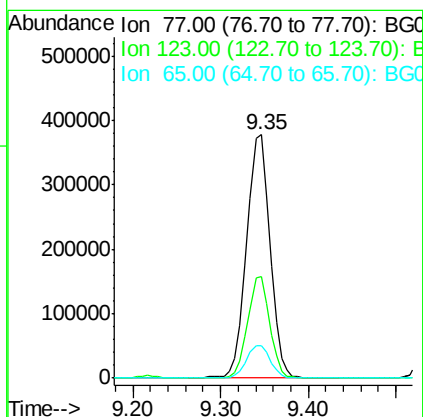
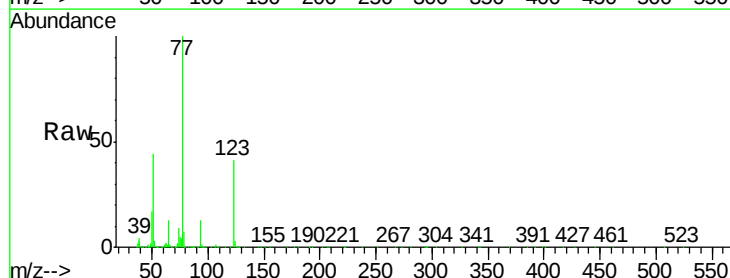
Instrument :
 BNA_G
 ClientSampleId :

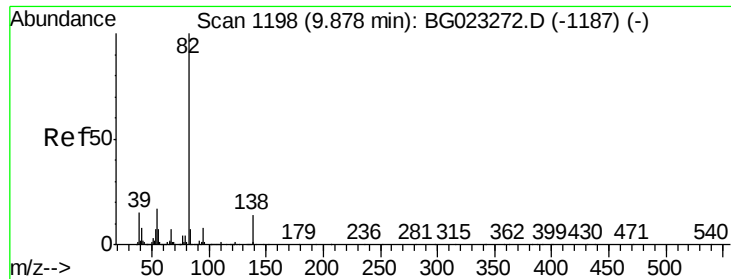
Tot Ion: 82 Resp: 1241085
 Ion Ratio Lower Upper
 82 100
 128 39.3 24.4 36.6#
 54 46.8 41.4 62.0



#24
 Nitrobenzene
 Concen: 33.64 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion: 77 Resp: 680421
 Ion Ratio Lower Upper
 77 100
 123 41.5 25.0 37.6#
 65 13.2 13.4 20.0#





#25

Isophorone

Concen: 36.01 ng

RT: 9.86 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

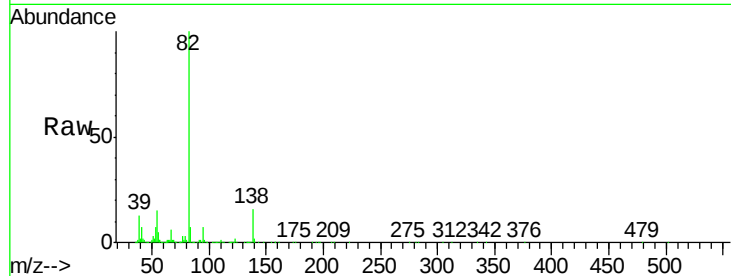
Tot Ion: 82 Resp: 1295674

Ion Ratio Lower Upper

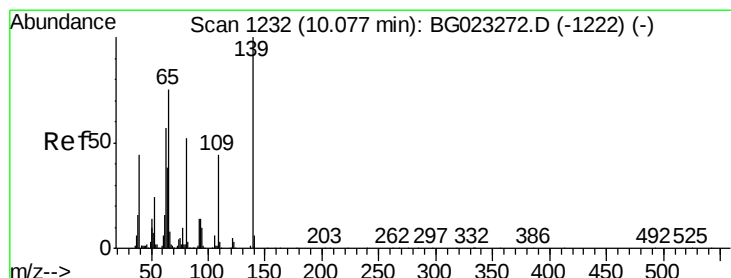
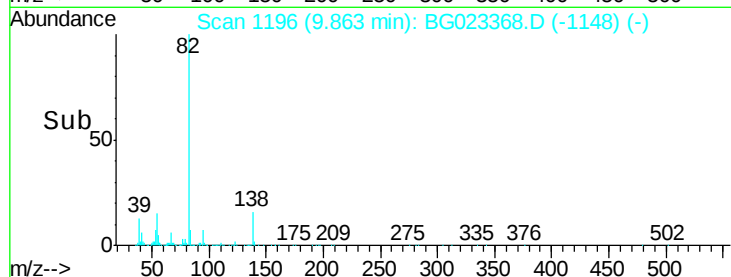
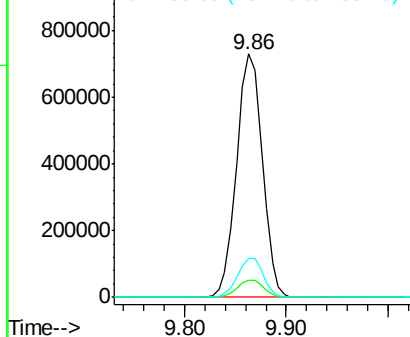
82 100

95 7.1 8.2 12.2#

138 16.1 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: 39.08 ng

RT: 10.06 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

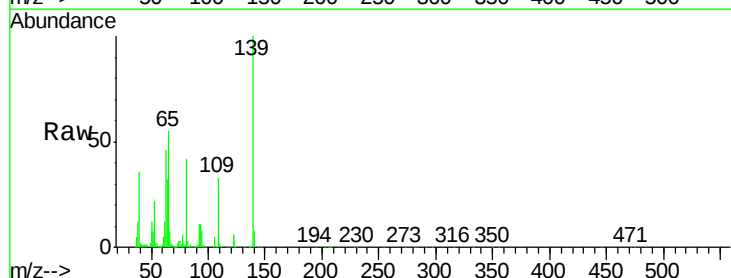
Tgt Ion: 139 Resp: 298596

Ion Ratio Lower Upper

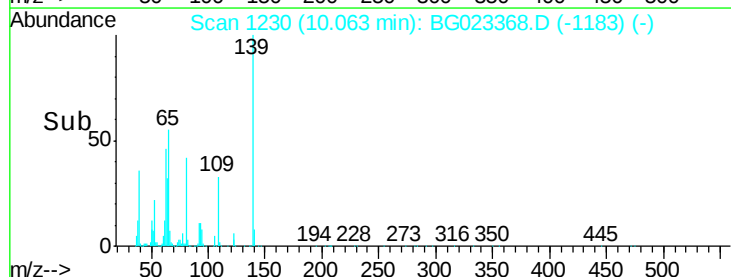
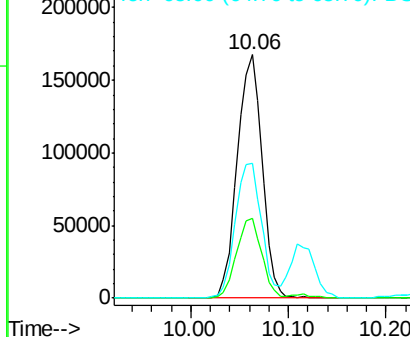
139 100

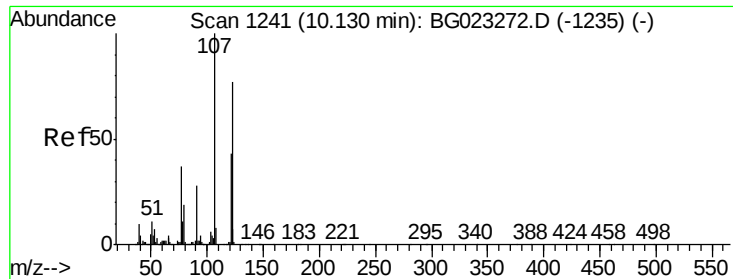
109 32.9 43.5 65.3#

65 55.3 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

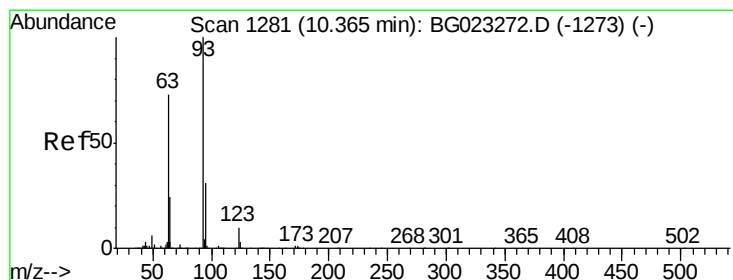
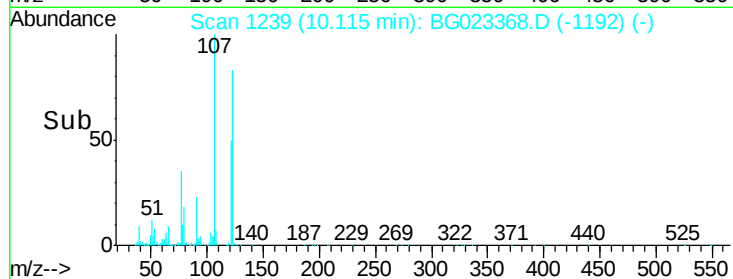
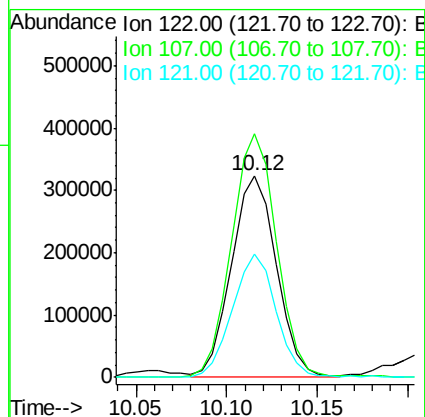
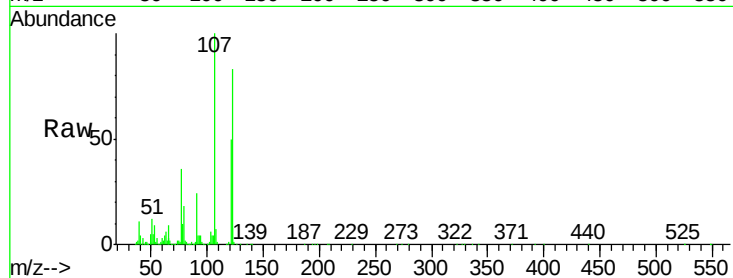




#27
 2,4-Dimethylphenol
 Concen: 43.15 ng
 RT: 10.12 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

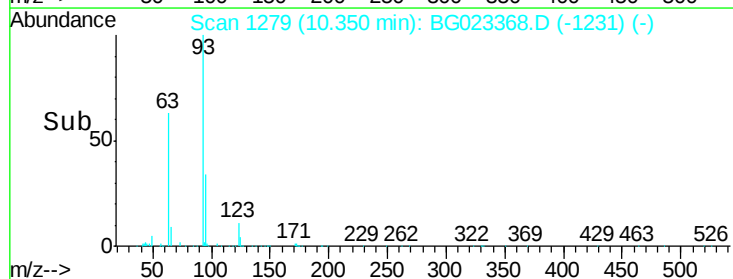
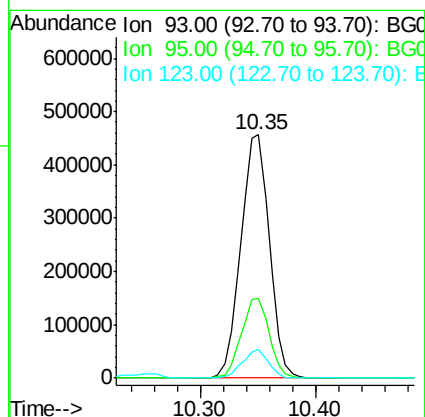
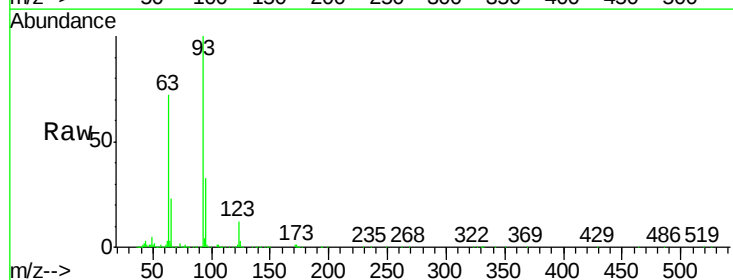
Instrument :
 BNA_G
 ClientSampleId :

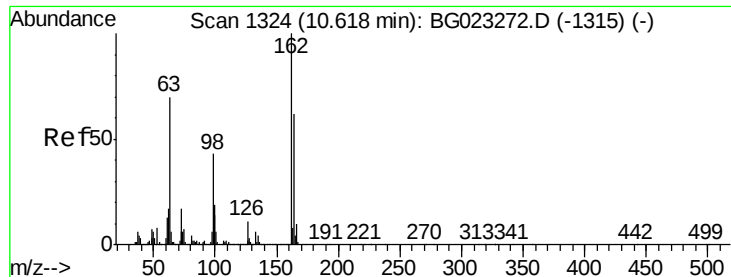
Tot Ion:122 Resp: 555618
 Ion Ratio Lower Upper
 122 100
 107 120.9 117.0 175.4
 121 61.1 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.68 ng
 RT: 10.35 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion: 93 Resp: 780800
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.4 38.2
 123 11.5 8.2 12.2

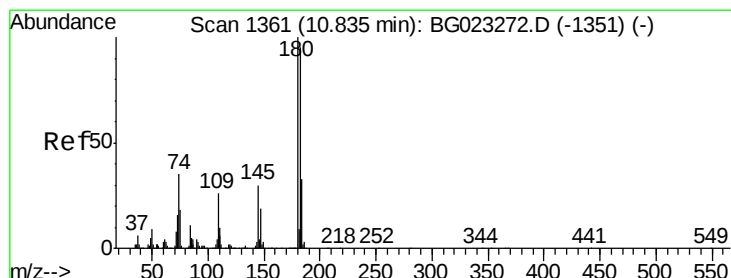
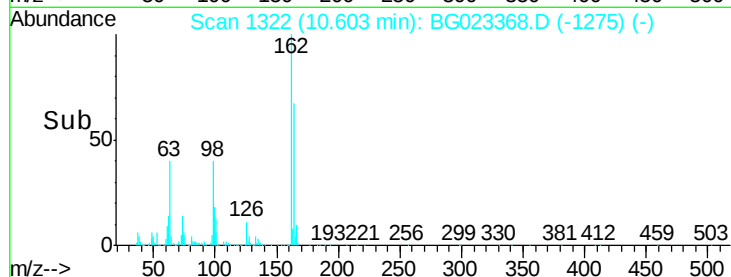
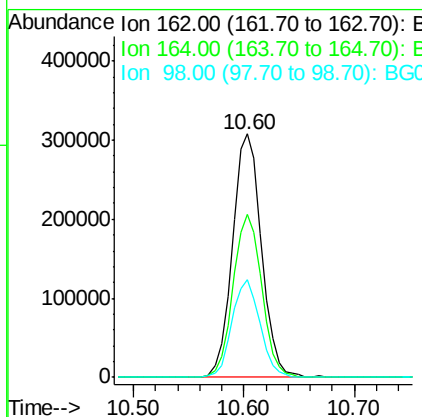
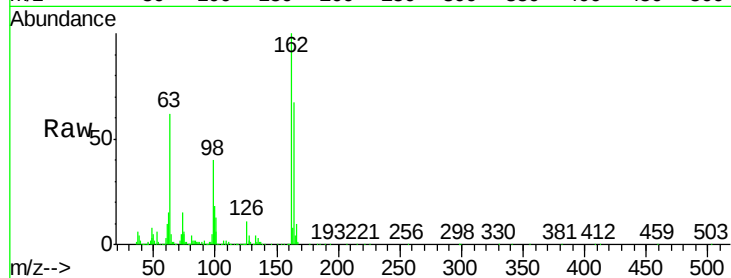




#29
 2,4-Dichlorophenol
 Concen: 45.46 ng
 RT: 10.60 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

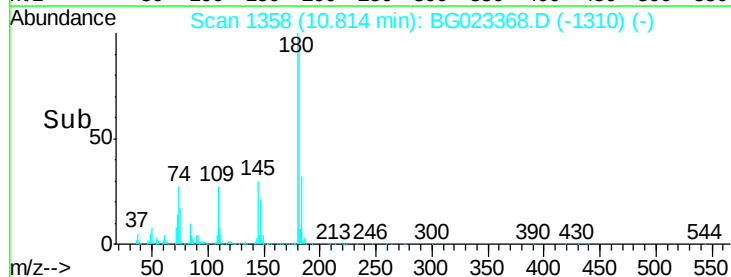
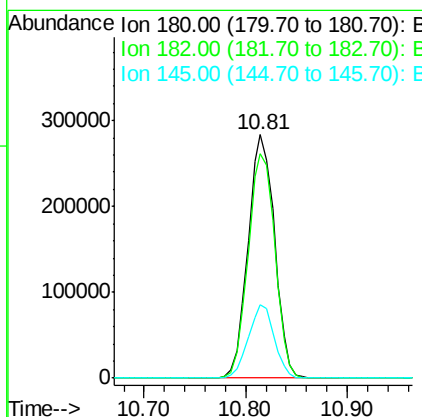
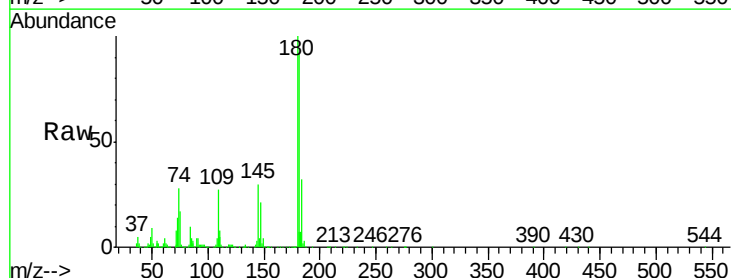
Instrument :
 BNA_G
 ClientSampleId :

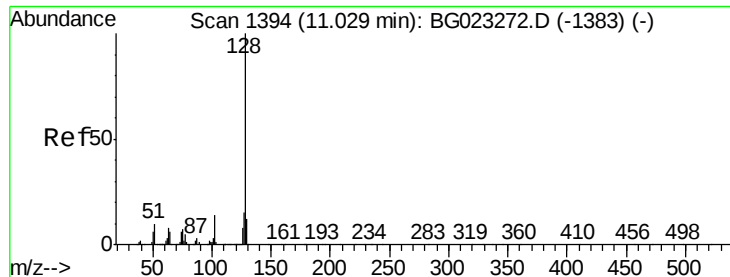
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	44.3	84.3
98	40.0	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 37.29 ng
 RT: 10.81 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	73.8	110.8
145	30.2	24.4	36.6

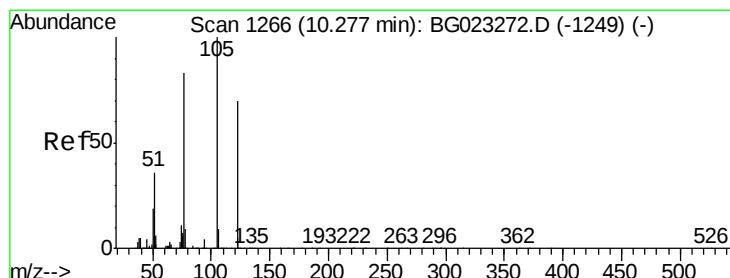
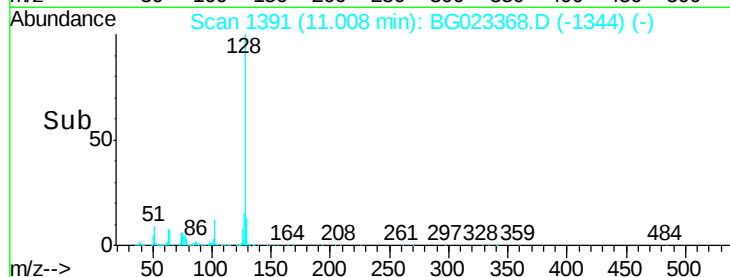
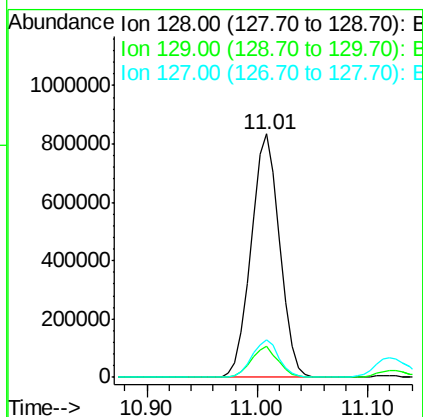
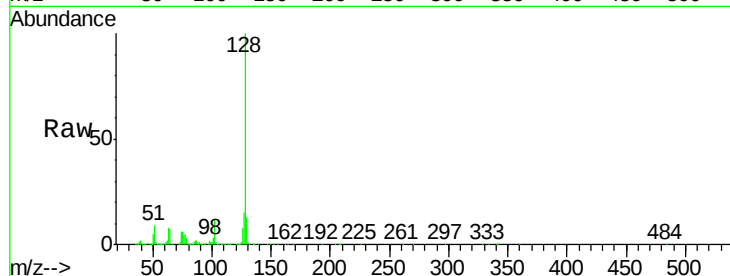




#31
Naphthalene
Concen: 38.07 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

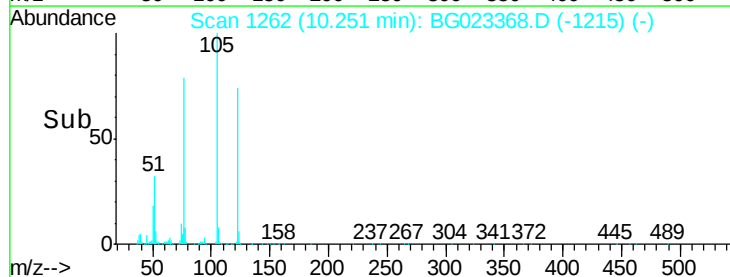
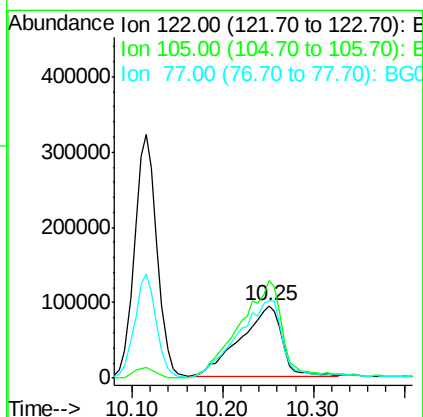
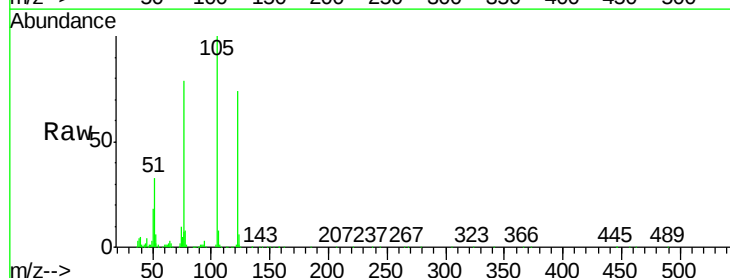
Instrument :
BNA_G
ClientSampleId :

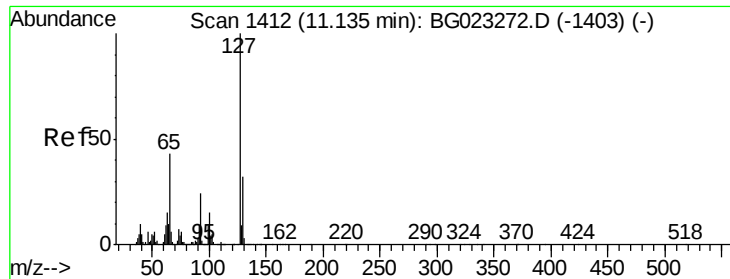
Tot Ion:128 Resp: 1506784
Ion Ratio Lower Upper
128 100
129 12.7 9.4 14.0
127 15.4 11.3 16.9



#32
Benzoic acid
Concen: 32.18 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion:122 Resp: 303654
Ion Ratio Lower Upper
122 100
105 134.8 117.2 157.2
77 106.6 109.2 149.2#

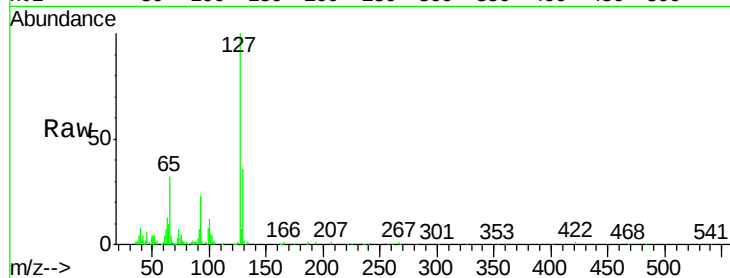




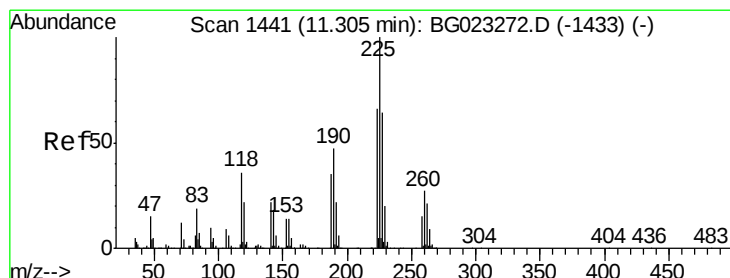
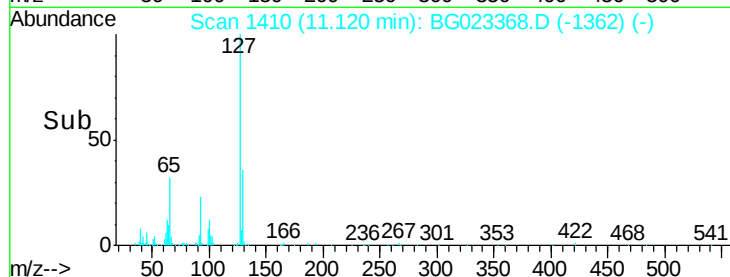
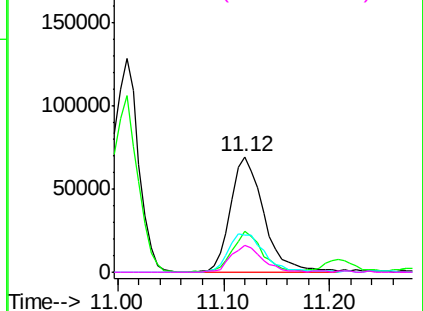
#33
4-Chloroaniline
Concen: 8.31 ng
RT: 11.12 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.7	27.9	41.9
65	32.4	36.8	55.2#
92	22.8	21.0	31.6

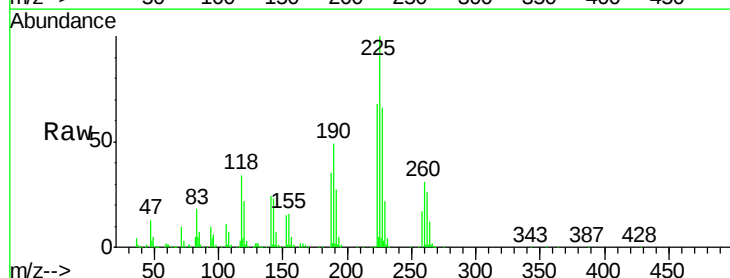


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

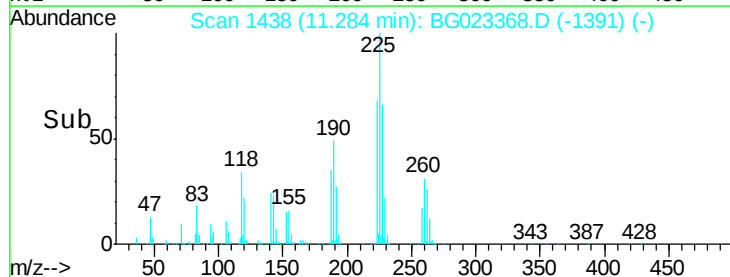
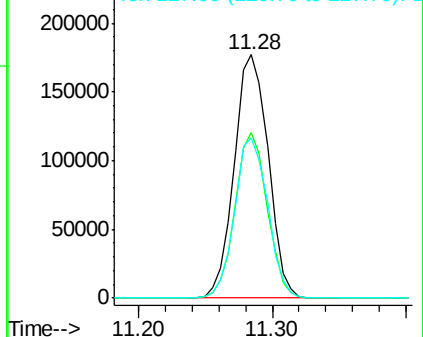


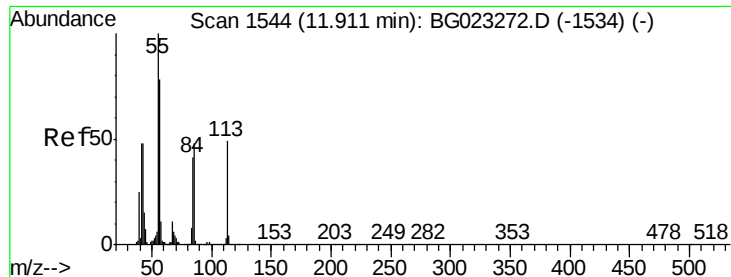
#34
Hexachlorobutadiene
Concen: 34.55 ng
RT: 11.28 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.2	49.6	74.4
227	65.7	54.5	81.7



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





#35

Caprolactam

Concen: 25.62 ng

RT: 11.90 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampled :

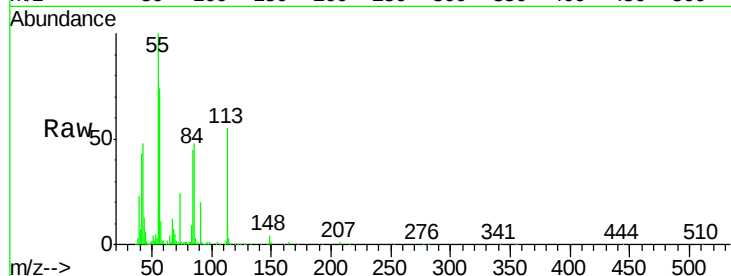
Tot Ion:113 Resp: 135820

Ion Ratio Lower Upper

113 100

55 180.3 154.5 194.5

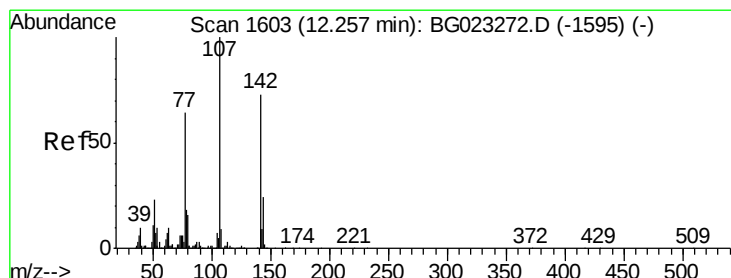
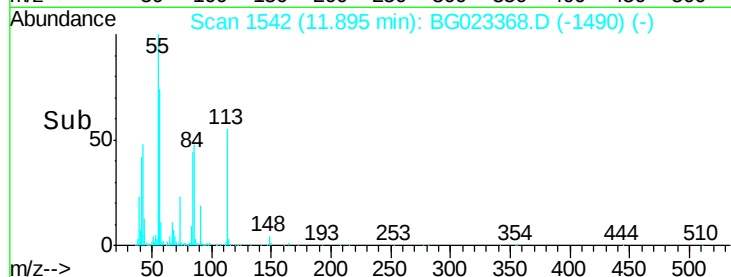
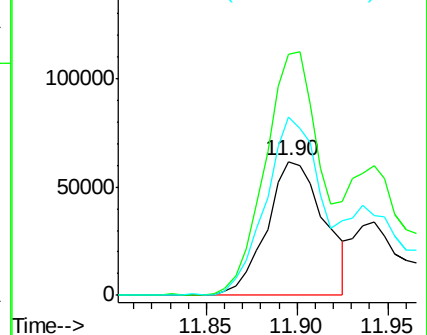
56 133.4 125.1 165.1



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: 42.39 ng

RT: 12.24 min Scan# 1601

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

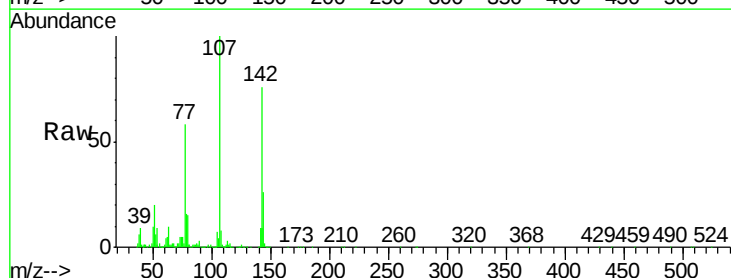
Tgt Ion:107 Resp: 694311

Ion Ratio Lower Upper

107 100

144 25.6 17.0 25.6#

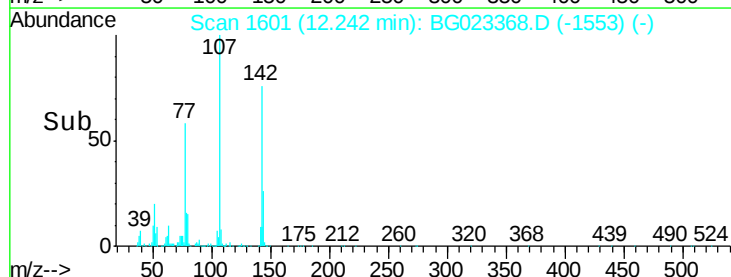
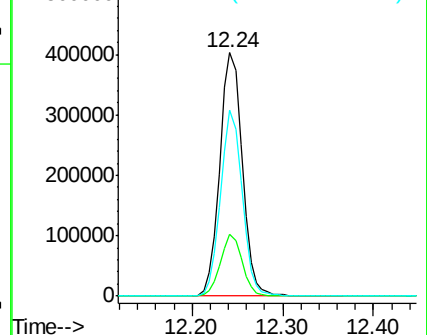
142 76.2 53.0 79.6

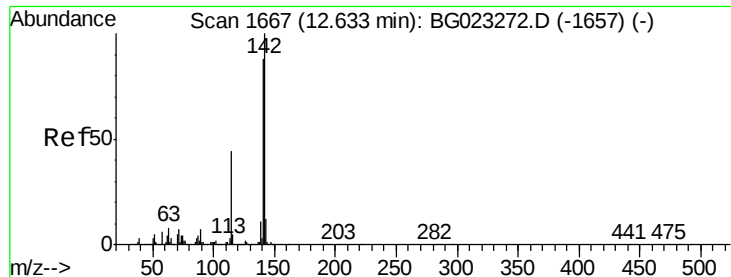


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.50 ng

RT: 12.61 min Scan# 1664

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

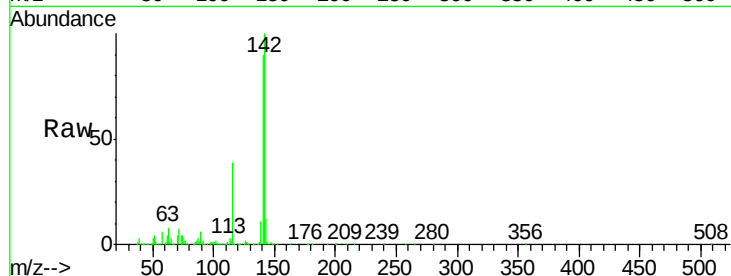
Tot Ion:142 Resp: 1188523

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.2	105.2
115	39.4	41.7	62.5

142 100

141 90.1 70.2 105.2

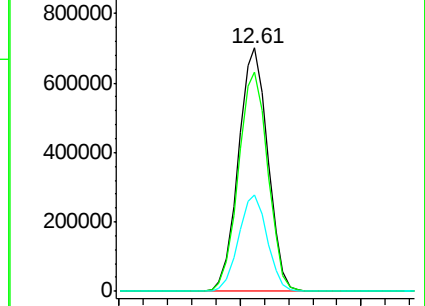
115 39.4 41.7 62.5



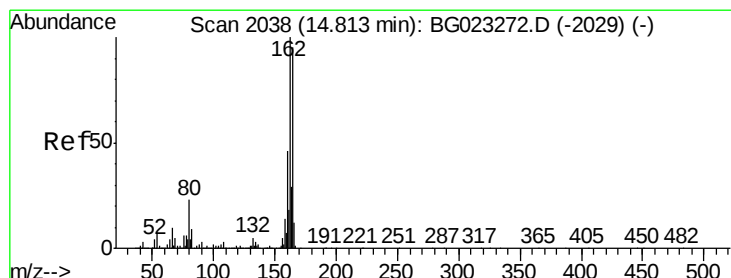
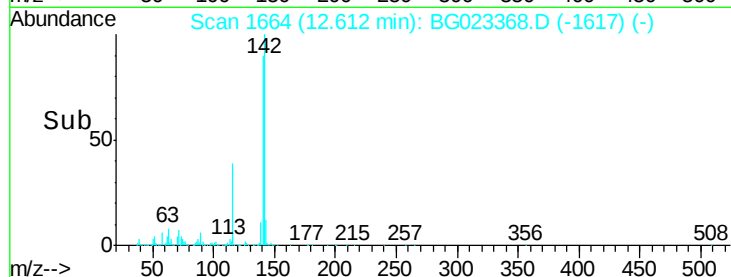
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 12.50 12.60 12.70



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

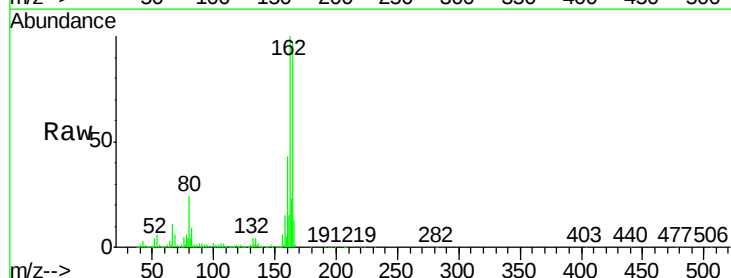
Tgt Ion:164 Resp: 612755

Ion	Ratio	Lower	Upper
164	100		
162	102.9	87.7	131.5
160	44.3	37.2	55.8

164 100

162 102.9 87.7 131.5

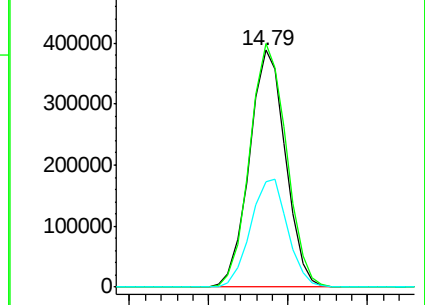
160 44.3 37.2 55.8



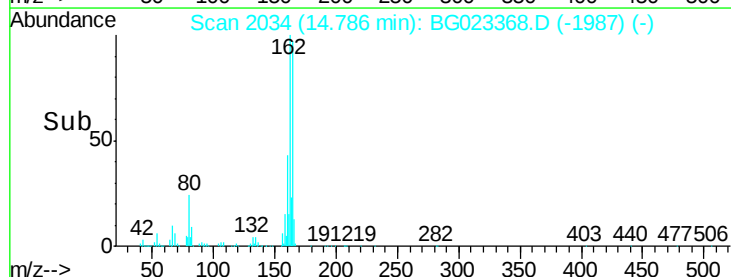
Abundance Ion 164.00 (163.70 to 164.70): E

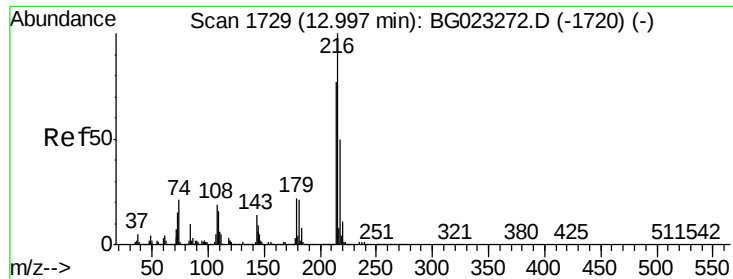
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.70 14.75 14.80 14.85

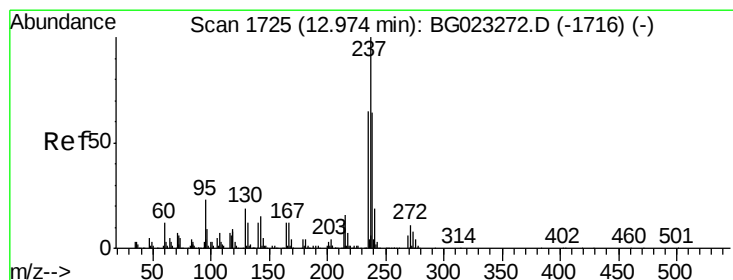
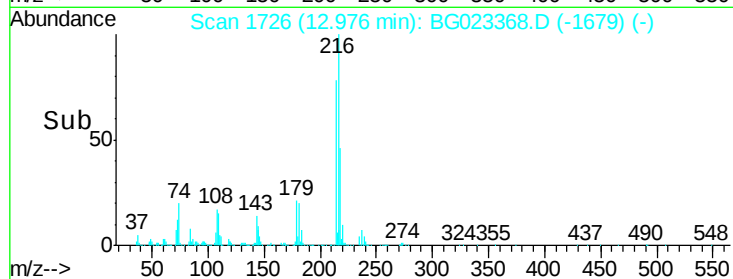
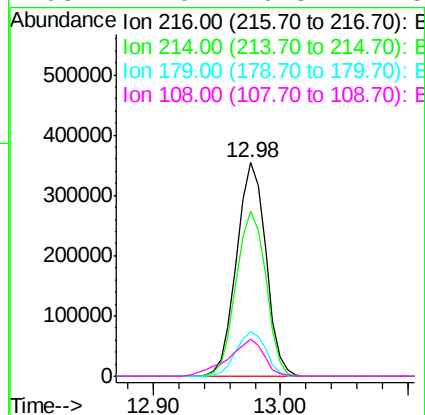
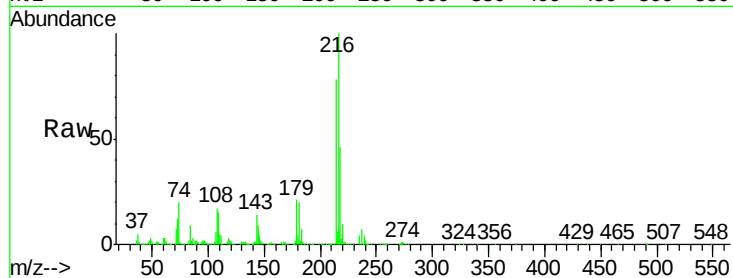




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.53 ng
 RT: 12.98 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

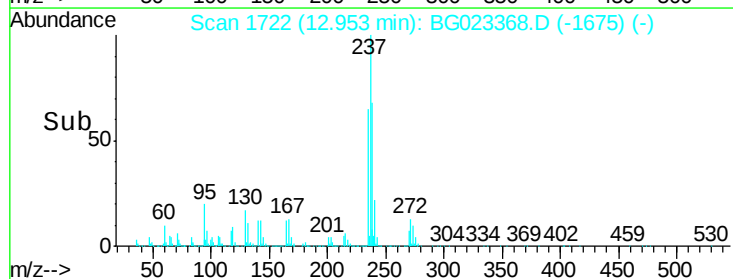
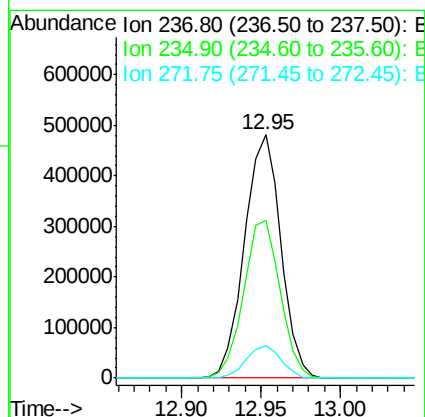
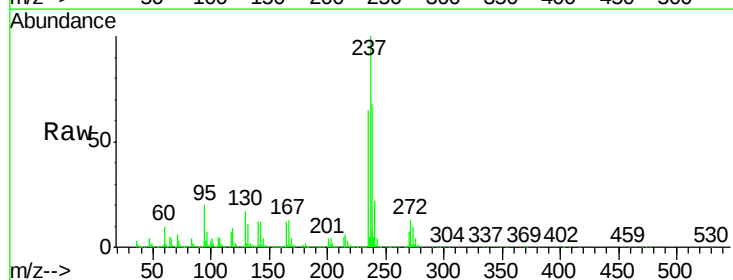
Instrument :
 BNA_G
 ClientSampled :

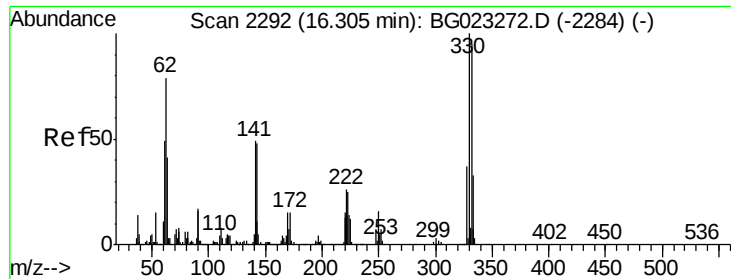
Tot Ion:216	Resp:	566052
Ion Ratio	Lower	Upper
216	100	
214	78.5	62.9 94.3
179	21.3	17.2 25.8
108	21.0	16.3 24.5



#40
 Hexachlorocyclopentadiene
 Concen: 81.50 ng
 RT: 12.95 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion:237	Resp:	766115
Ion Ratio	Lower	Upper
237	100	
235	65.0	43.1 83.1
272	13.3	0.0 30.9

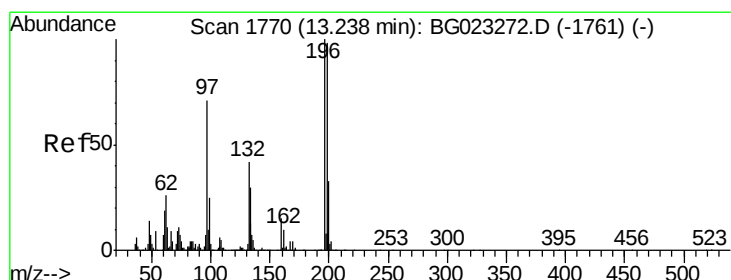
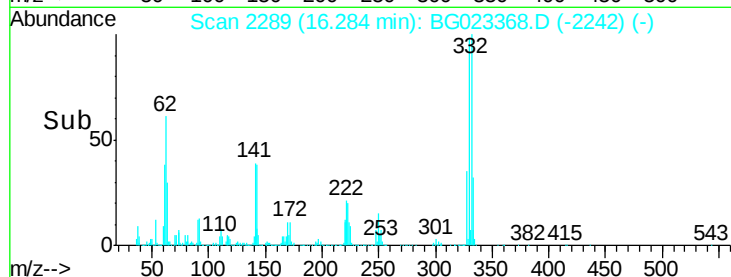
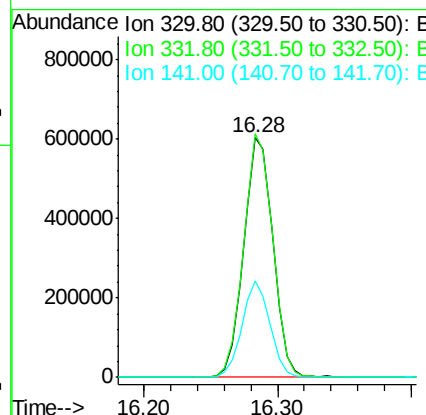
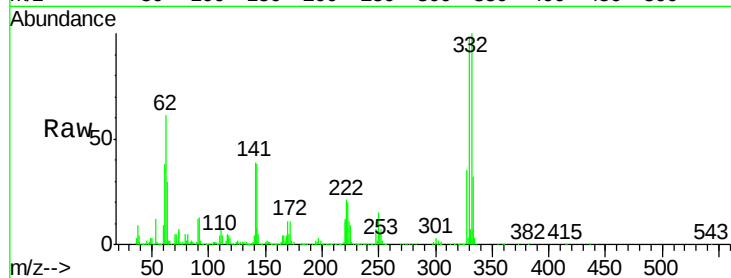




#41
 2,4,6-Tribromophenol
 Concen: 143.48 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

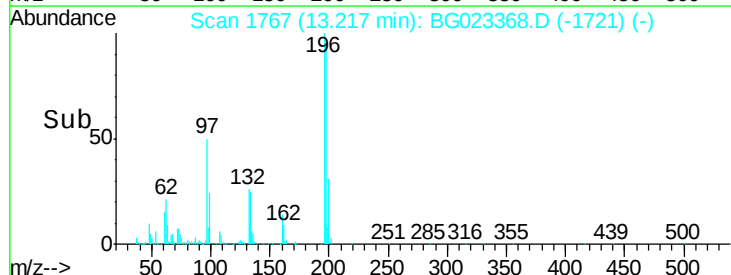
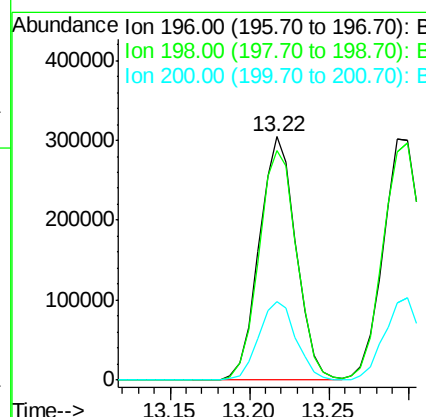
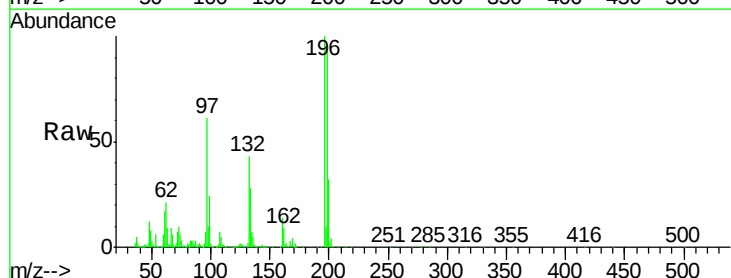
Instrument :
 BNA_G
 ClientSampleId :

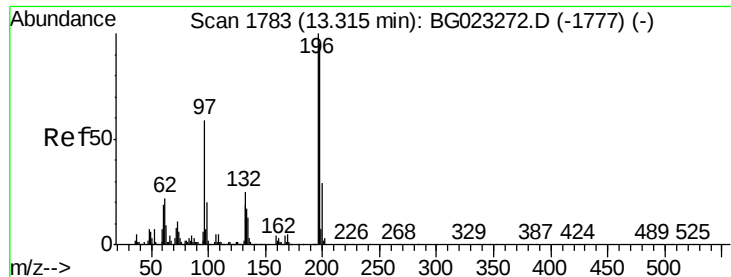
Tot Ion:330 Resp: 909947
 Ion Ratio Lower Upper
 330 100
 332 100.8 77.4 116.2
 141 38.4 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 42.19 ng
 RT: 13.22 min Scan# 1767
 Delta R.T. -0.03 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion:196 Resp: 491611
 Ion Ratio Lower Upper
 196 100
 198 94.5 78.2 117.2
 200 32.2 27.0 40.4

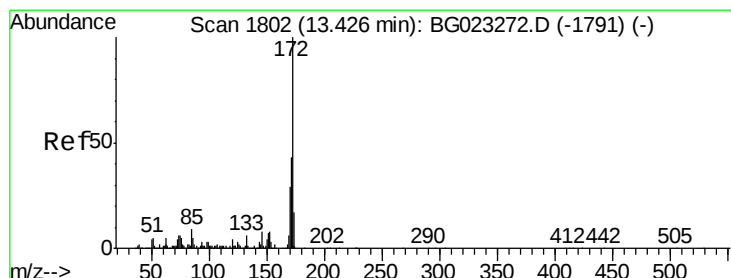
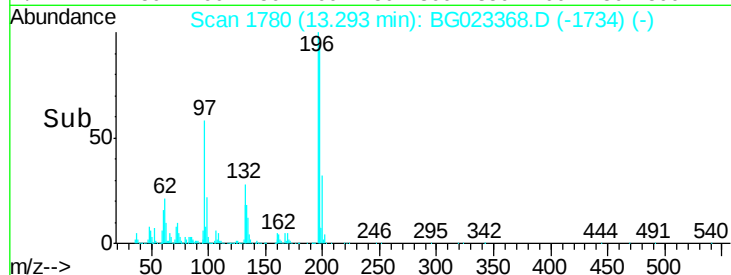
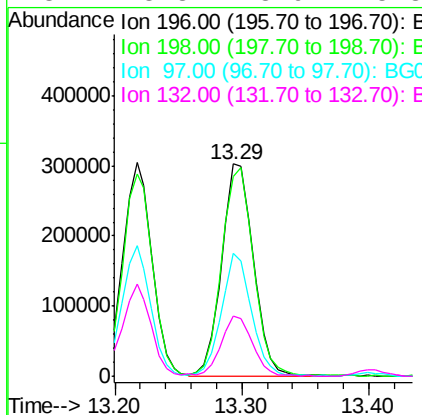
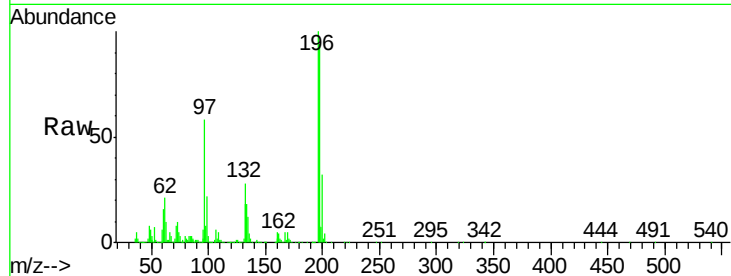




#43
2,4,5-Trichlorophenol
Concen: 42.31 ng
RT: 13.29 min Scan# 1780
Delta R.T. -0.03 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

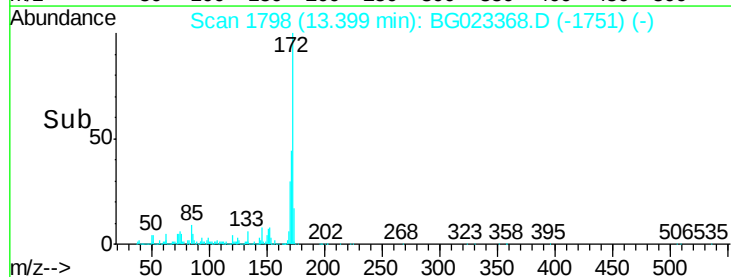
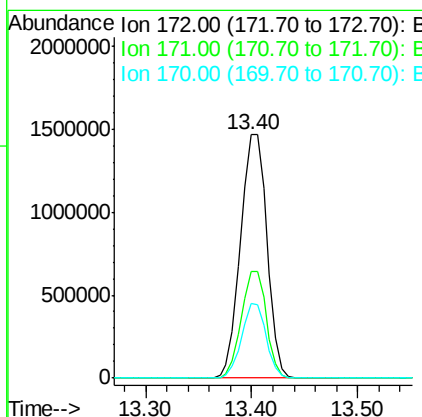
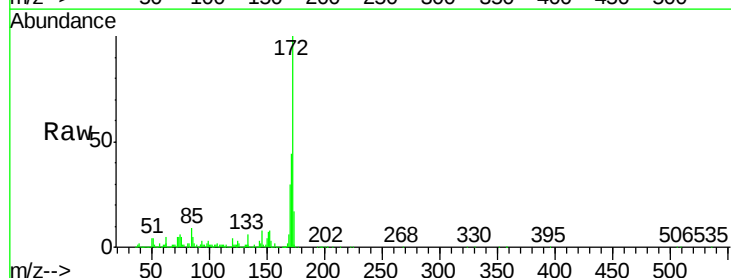
Instrument :
BNA_G
ClientSampleId :

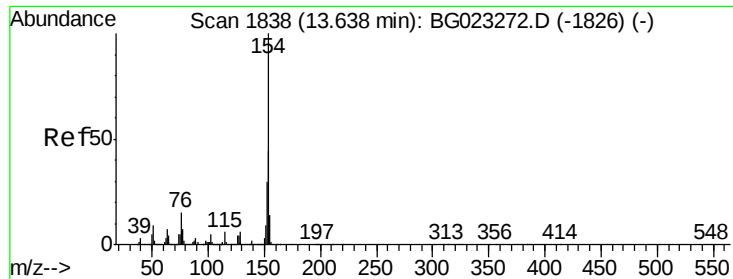
Tot Ion:196 Resp: 522951
Ion Ratio Lower Upper
196 100
198 94.2 85.7 128.5
97 57.7 45.5 68.3
132 28.3 18.9 28.3



#44
2-Fluorobiphenyl
Concen: 77.83 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion:172 Resp: 2548176
Ion Ratio Lower Upper
172 100
171 44.1 31.6 47.4
170 30.4 21.3 31.9

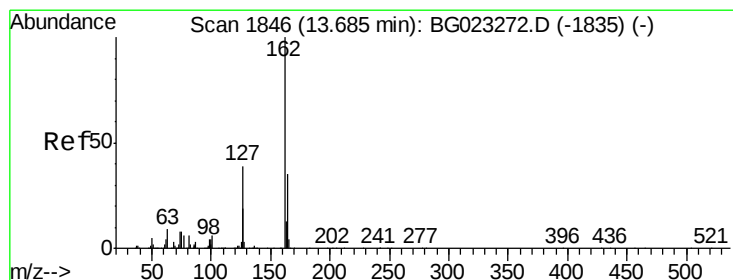
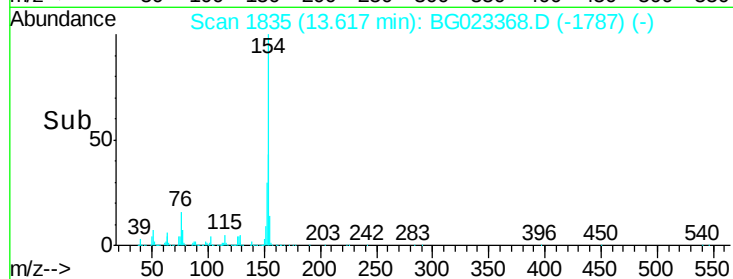
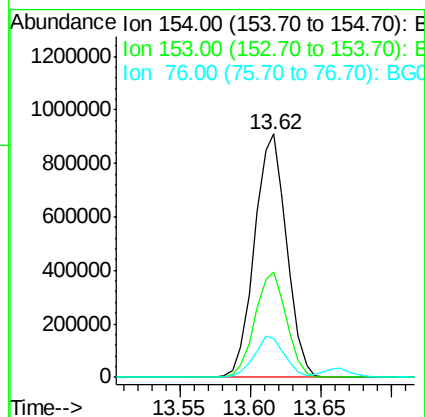
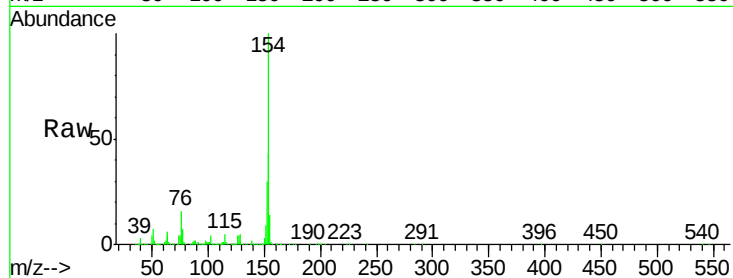




#45
 1,1'-Biphenyl
 Concen: 33.93 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

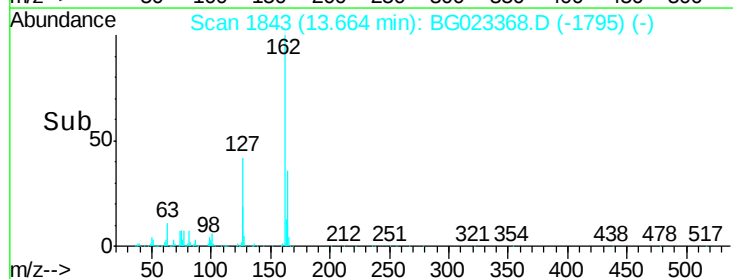
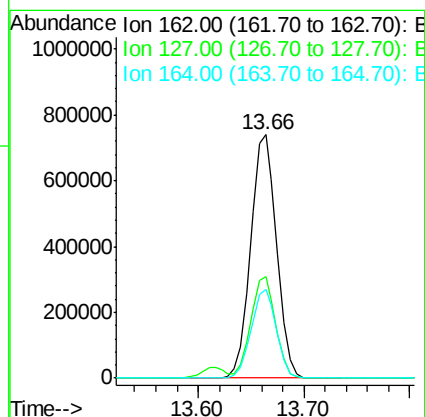
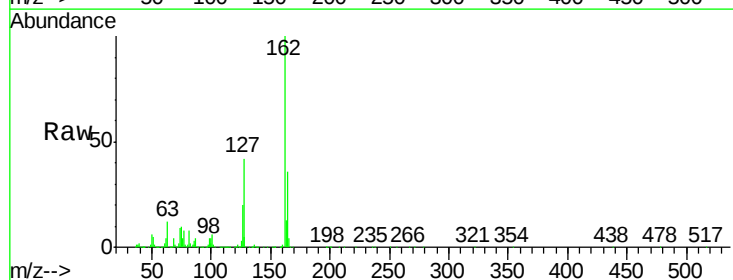
Instrument :
 BNA_G
 ClientSampleId :

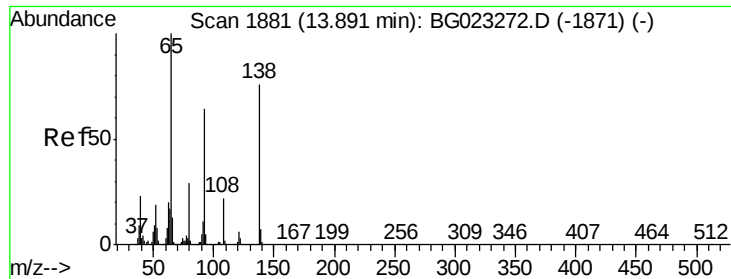
Tot Ion:154 Resp: 1450012
 Ion Ratio Lower Upper
 154 100
 153 43.3 20.2 60.2
 76 15.9 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 36.75 ng
 RT: 13.66 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion:162 Resp: 1258298
 Ion Ratio Lower Upper
 162 100
 127 41.8 32.4 48.6
 164 36.2 25.2 37.8





#47

2-Nitroaniline

Concen: 37.13 ng

RT: 13.87 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampled :

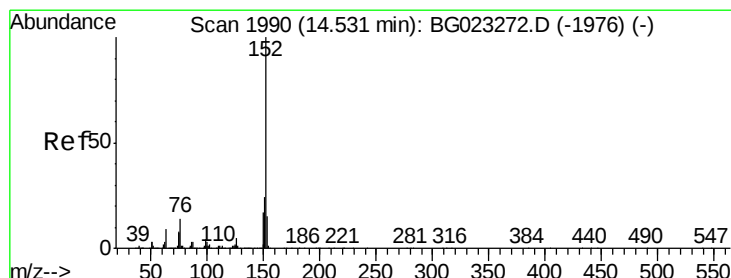
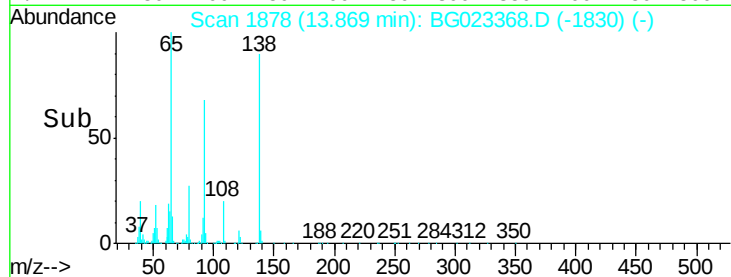
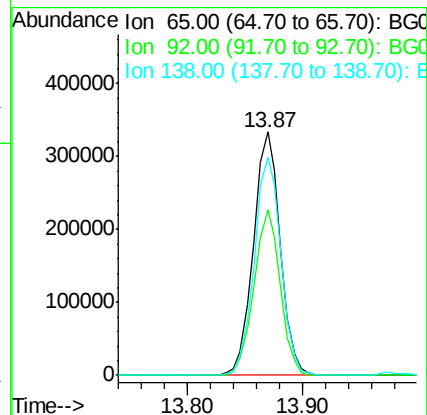
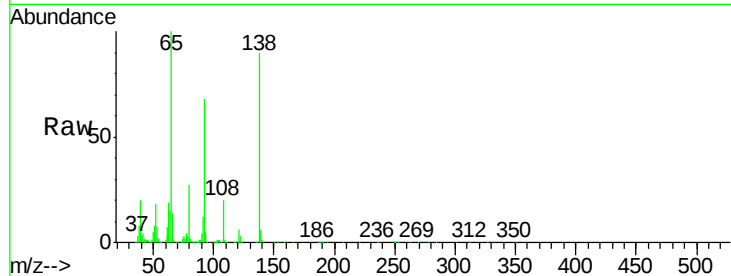
Tot Ion: 65 Resp: 537820

Ion Ratio Lower Upper

65 100

92 67.9 49.4 74.0

138 89.6 58.0 87.0#



#48

Acenaphthylene

Concen: 38.45 ng

RT: 14.51 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

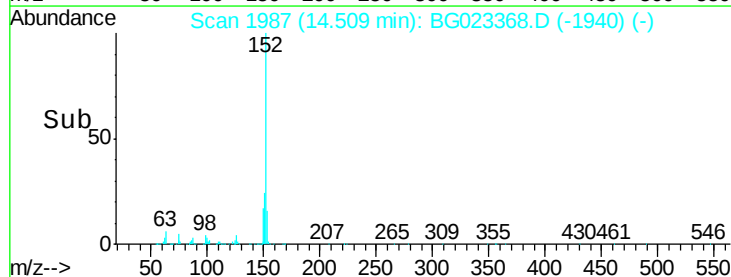
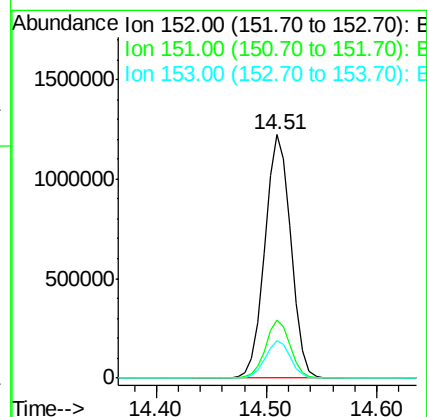
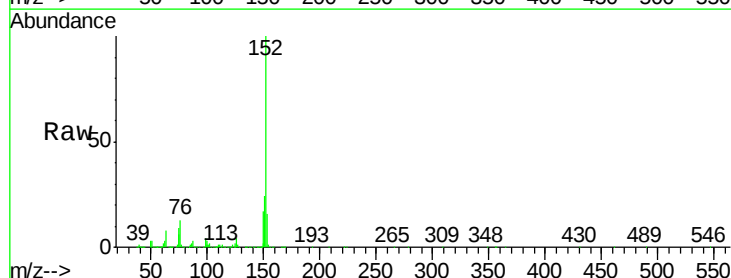
Tgt Ion: 152 Resp: 2015854

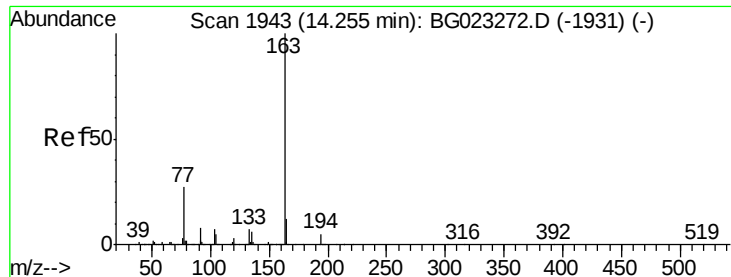
Ion Ratio Lower Upper

152 100

151 24.0 17.6 26.4

153 15.6 11.4 17.2

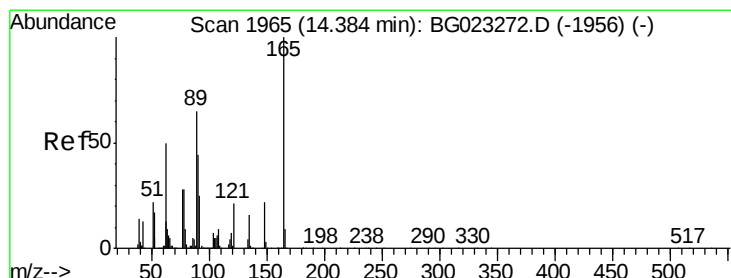
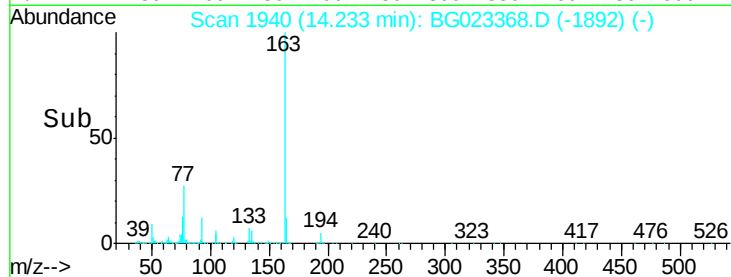
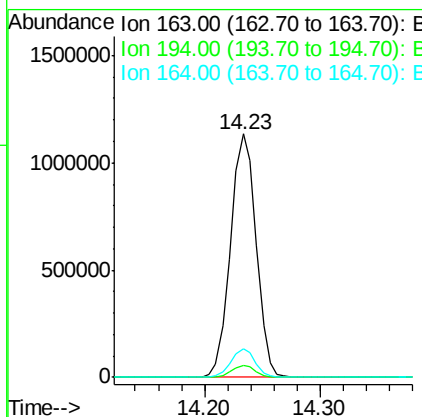
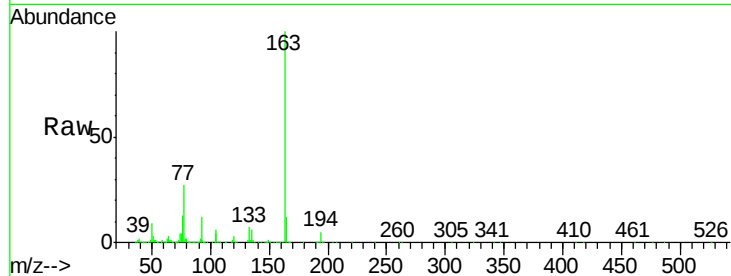




#49
Dimethylphthalate
Concen: 38.43 ng
RT: 14.23 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

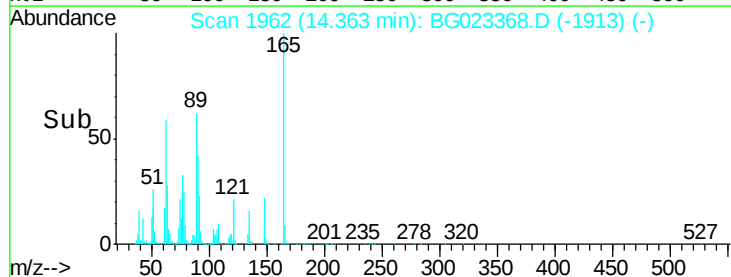
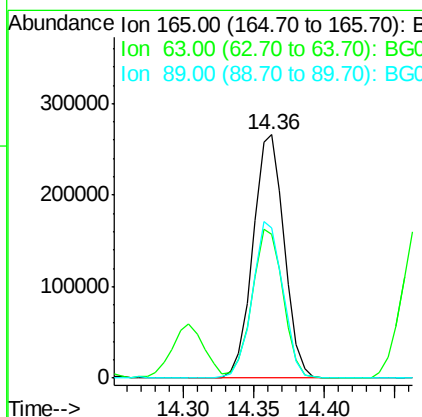
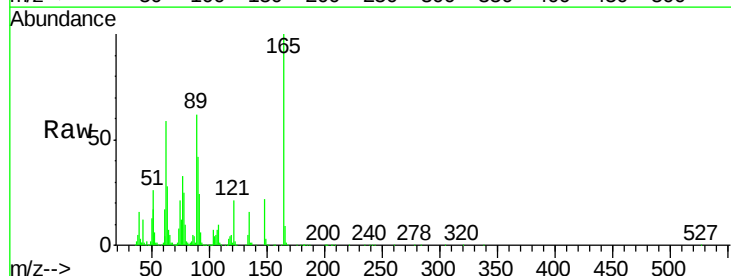
Instrument :
BNA_G
ClientSampleId :

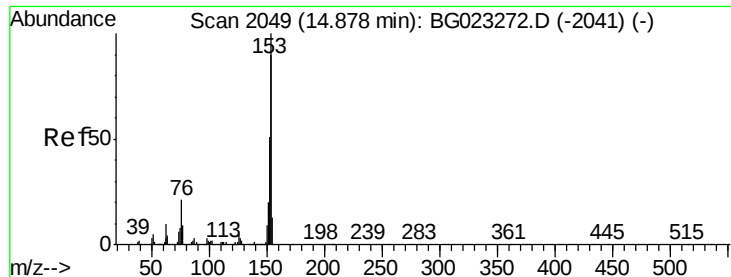
Tot Ion:163 Resp: 1737956
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 11.8 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 39.05 ng
RT: 14.36 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion:165 Resp: 413485
Ion Ratio Lower Upper
165 100
63 58.9 64.3 96.5#
89 61.9 64.3 96.5#





#51

Acenaphthene

Concen: 37.80 ng

RT: 14.85 min Scan# 2045

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampled :

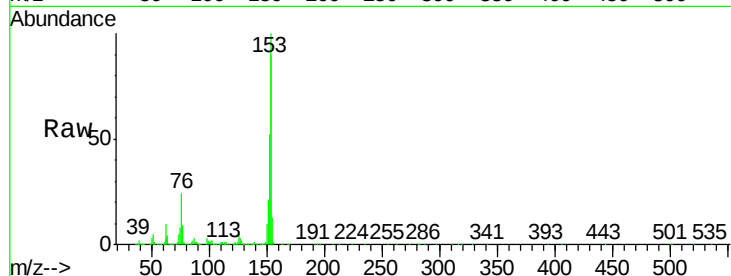
Tot Ion:154 Resp: 1285530

Ion Ratio Lower Upper

154 100

153 110.8 87.5 131.3

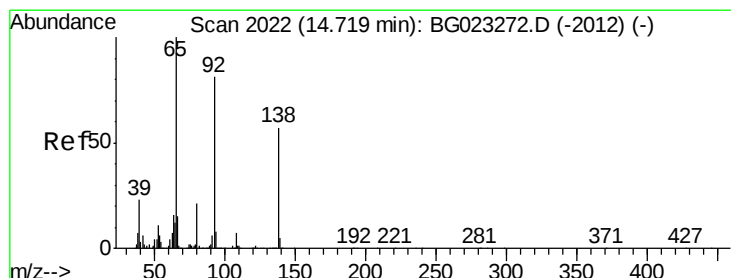
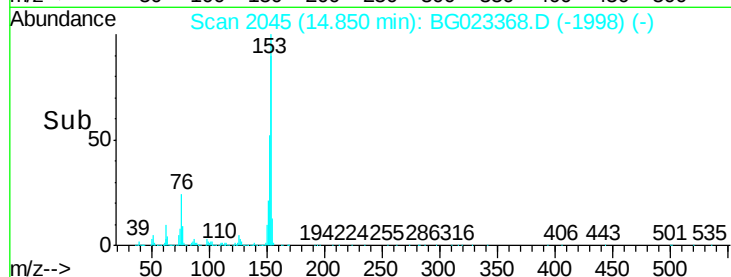
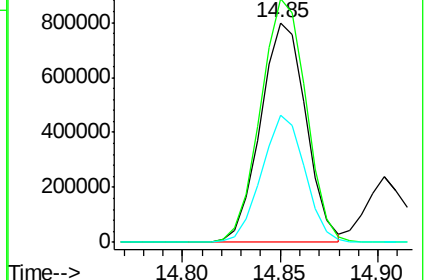
152 57.6 42.7 64.1



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: 24.12 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

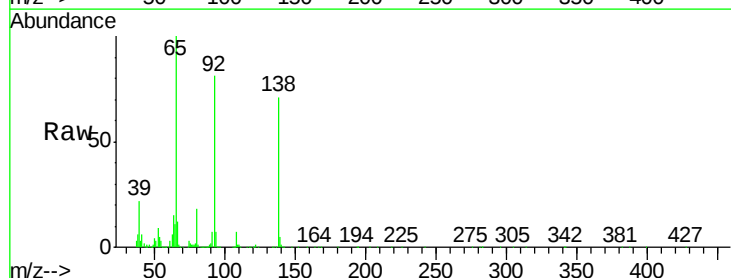
Tgt Ion:138 Resp: 257261

Ion Ratio Lower Upper

138 100

108 10.3 11.7 17.5#

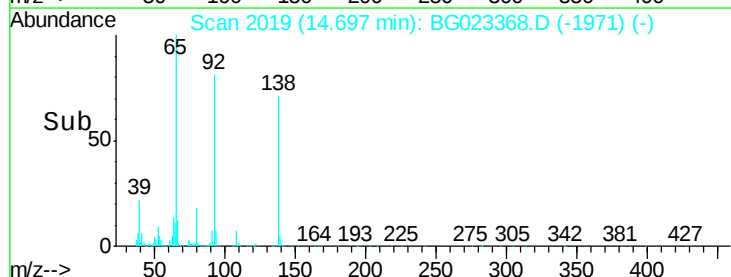
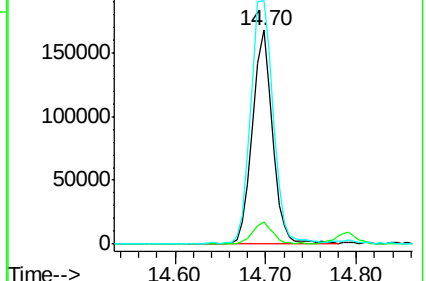
92 114.0 129.7 194.5#

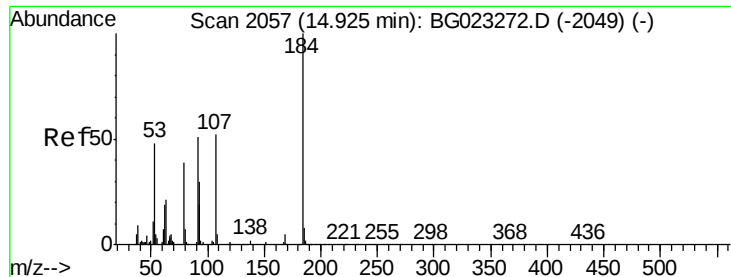


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

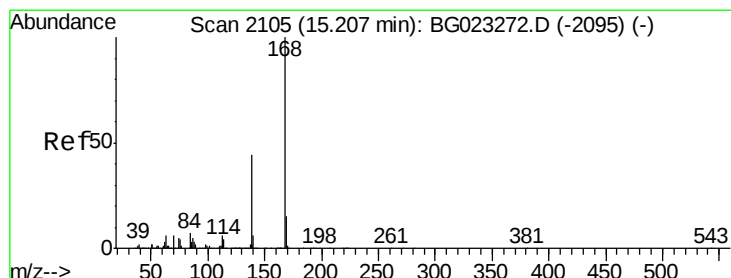
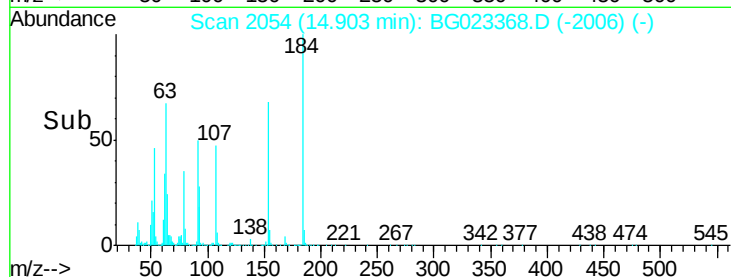
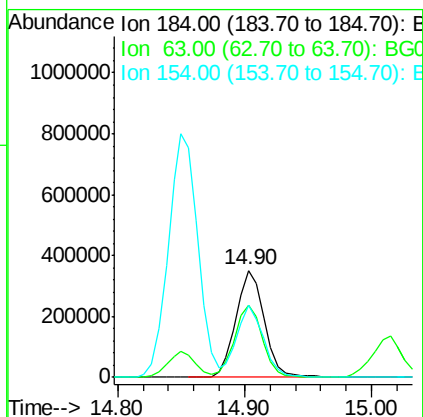
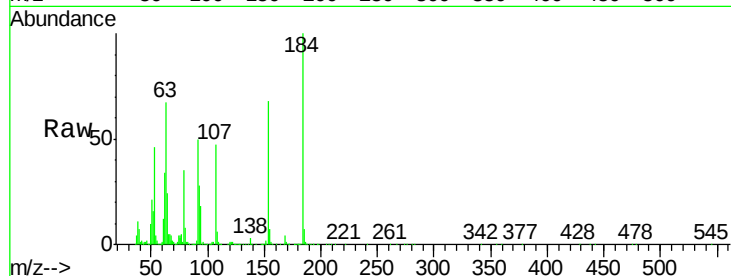




#53
2,4-Dinitrophenol
Concen: 88.02 ng
RT: 14.90 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

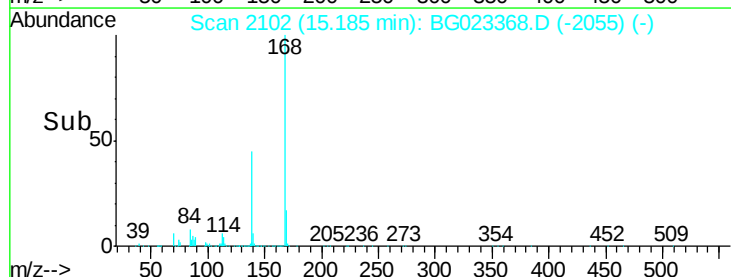
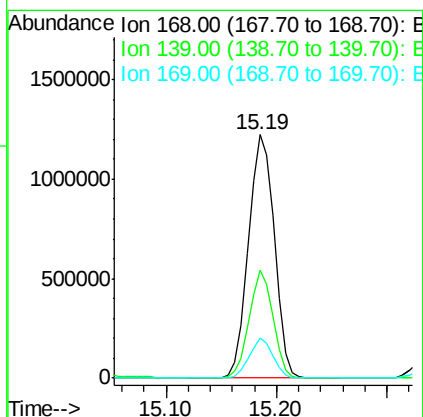
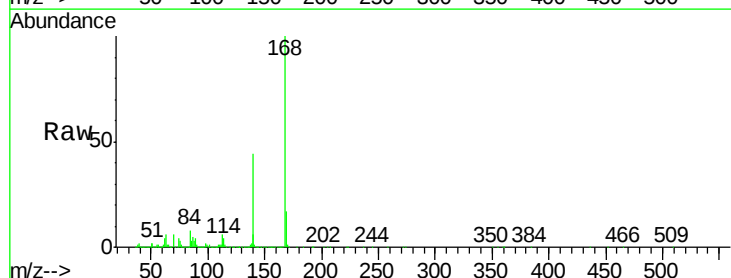
Instrument :
BNA_G
ClientSampleId :

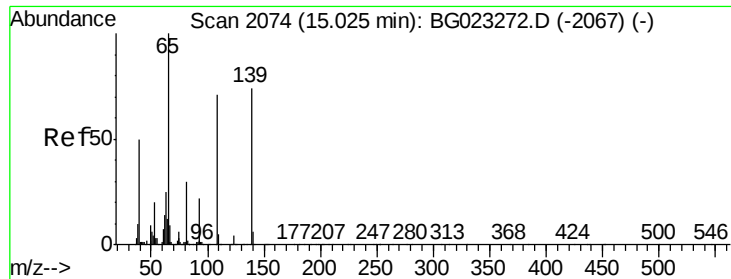
Tot Ion:184 Resp: 545713
Ion Ratio Lower Upper
184 100
63 66.9 59.6 89.4
154 67.7 67.4 101.0



#54
Dibenzofuran
Concen: 41.81 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion:168 Resp: 2012051
Ion Ratio Lower Upper
168 100
139 44.2 36.4 54.6
169 16.6 11.9 17.9

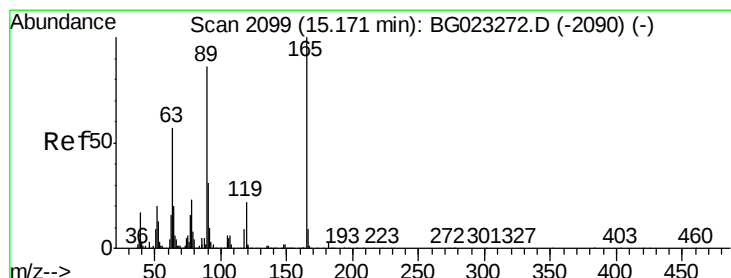
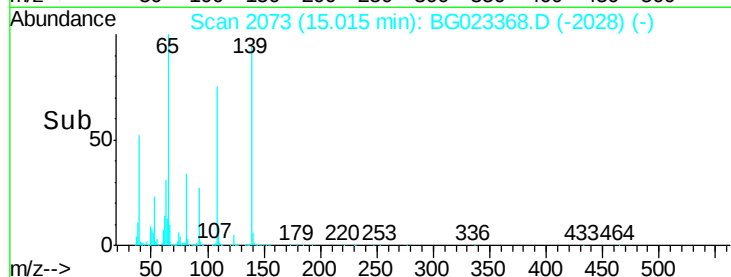
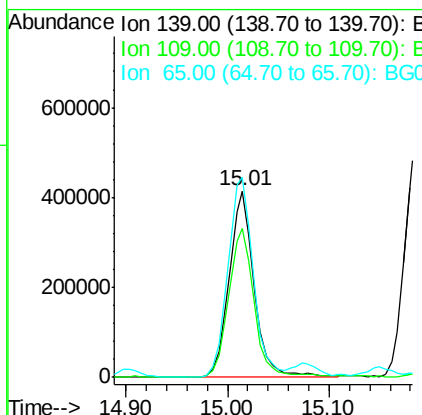
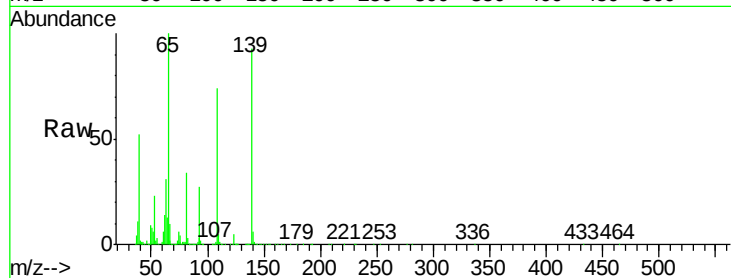




#55
4-Nitrophenol
Concen: 76.35 ng
RT: 15.01 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

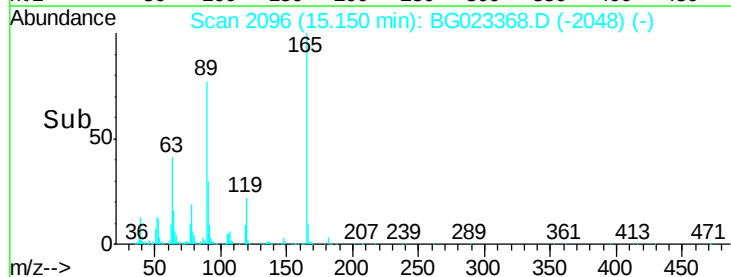
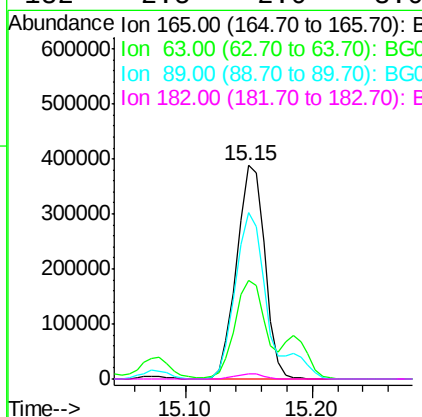
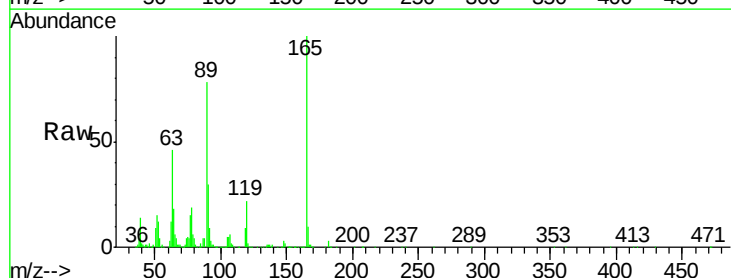
Instrument :
BNA_G
ClientSampleId :

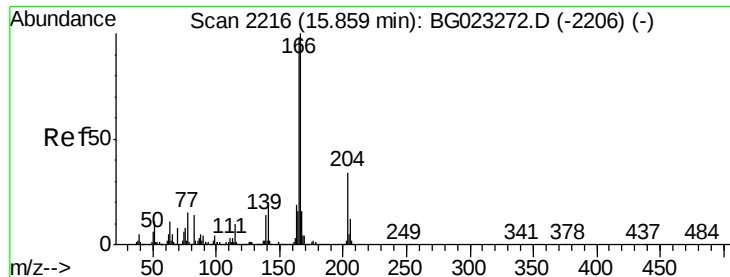
Tot Ion:139 Resp: 706364
Ion Ratio Lower Upper
139 100
109 79.7 103.0 143.0#
65 107.4 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 40.06 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion:165 Resp: 597351
Ion Ratio Lower Upper
165 100
63 46.3 45.8 68.6
89 77.8 68.6 102.8
182 2.5 2.0 3.0



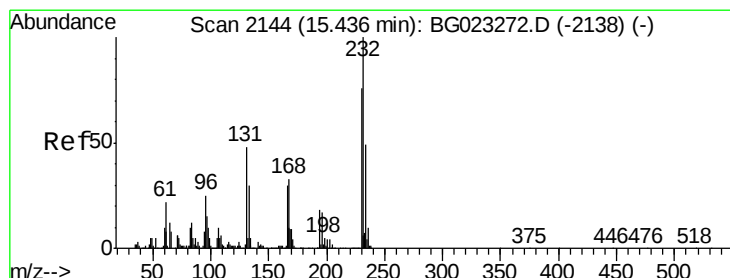
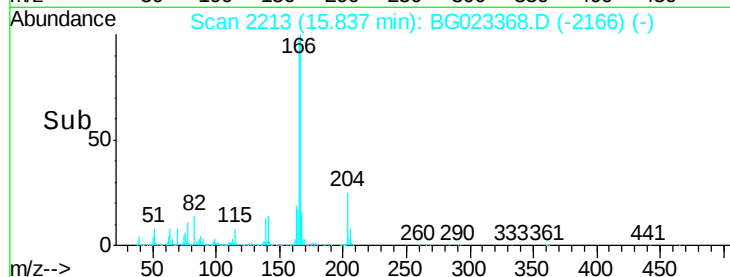
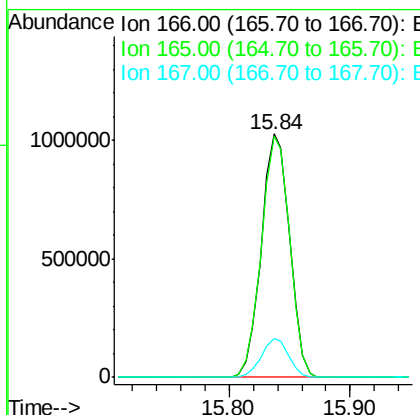
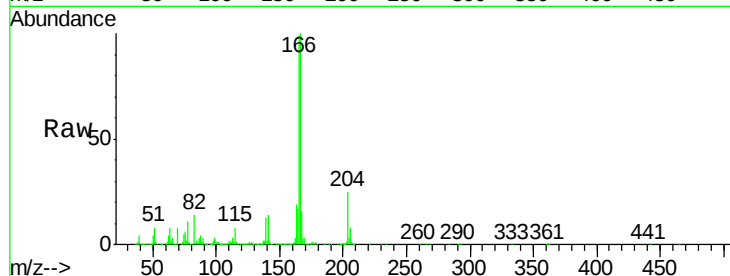


#57
Fluorene
 Concen: 38.95 ng
 RT: 15.84 min Scan# 2213
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 1654949

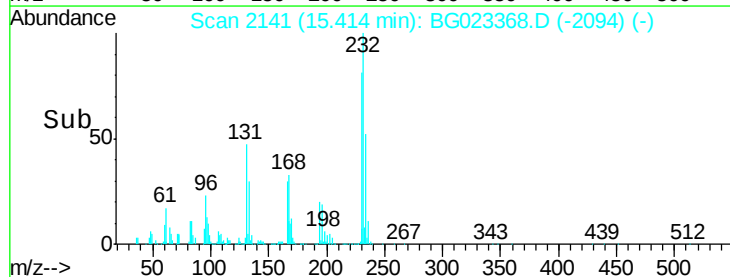
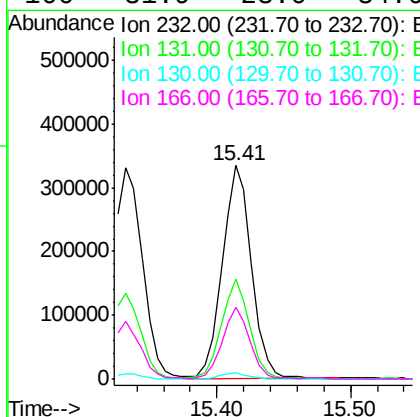
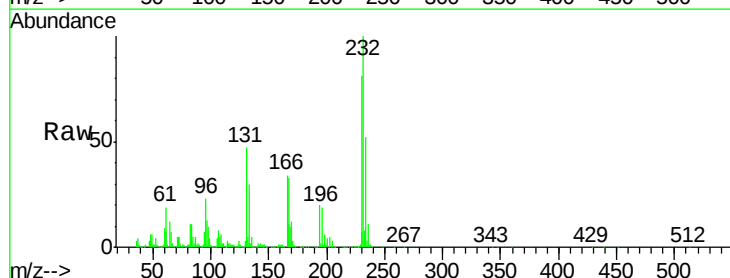
Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.0	121.6
167	15.8	12.0	18.0

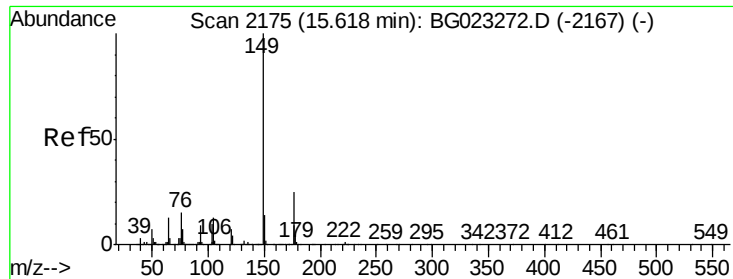


#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.72 ng
 RT: 15.41 min Scan# 2141
 Delta R.T. -0.02 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion:232 Resp: 509780

Ion	Ratio	Lower	Upper
232	100		
131	45.5	32.7	49.1
130	2.8	2.6	3.8
166	31.9	23.0	34.6

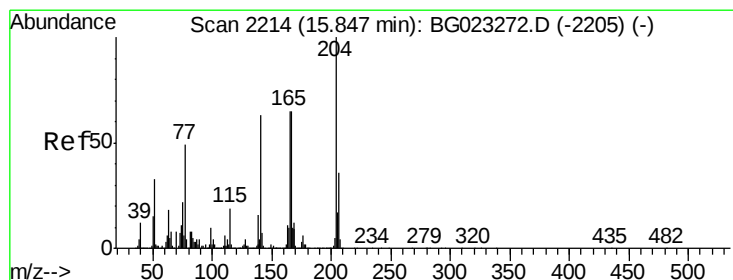
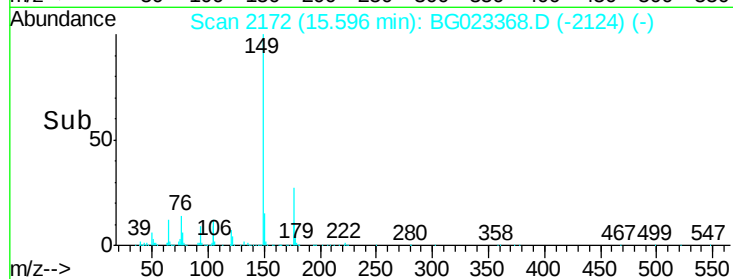
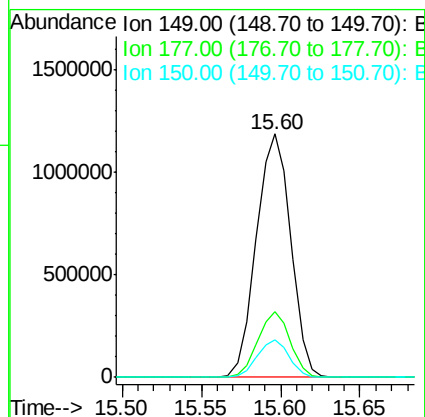
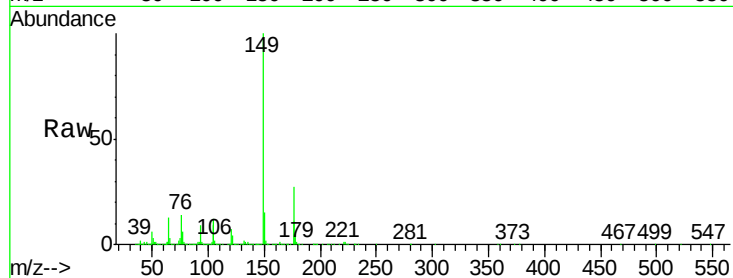




#59
Diethylphthalate
Concen: 38.58 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

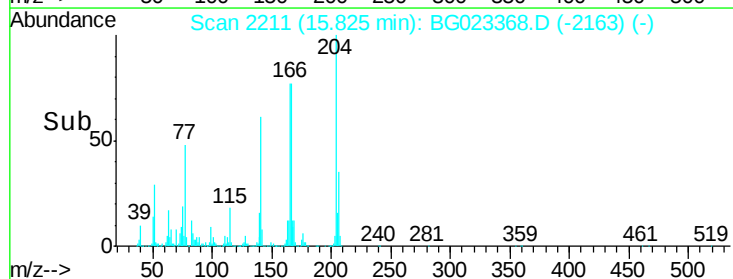
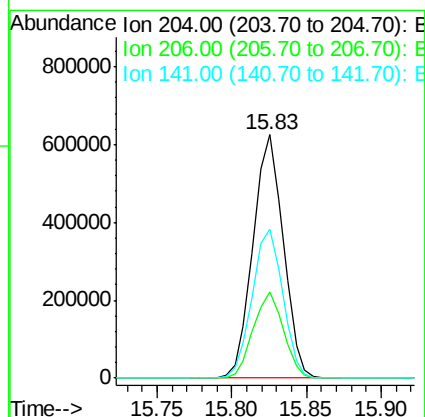
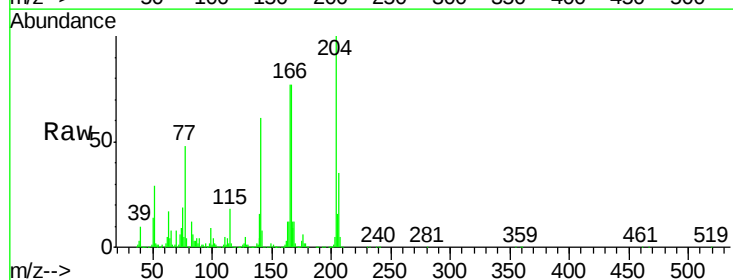
Instrument :
BNA_G
ClientSampleId :

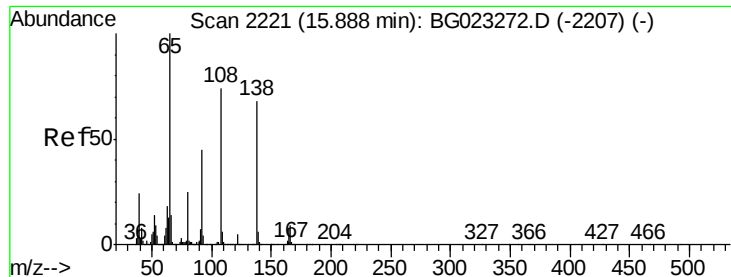
Tot Ion:149 Resp: 1786881
Ion Ratio Lower Upper
149 100
177 26.9 19.2 28.8
150 15.4 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 37.98 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion:204 Resp: 873594
Ion Ratio Lower Upper
204 100
206 35.2 28.5 42.7
141 61.3 51.4 77.0

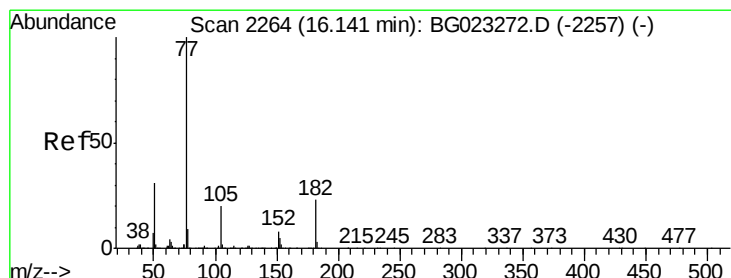
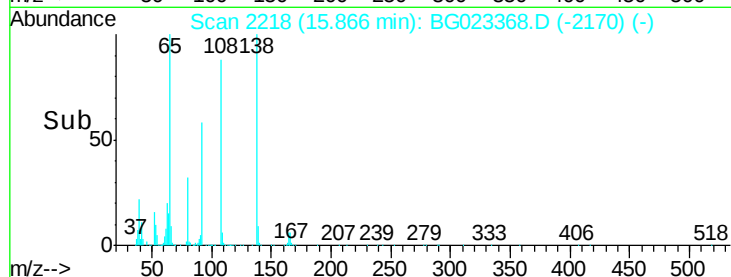
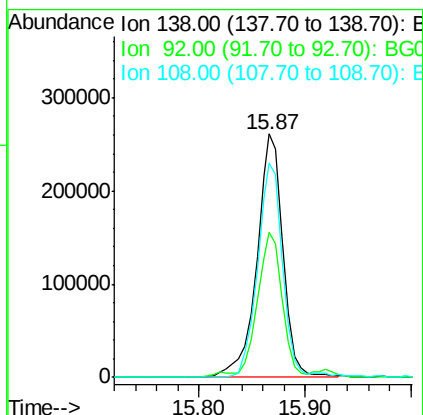
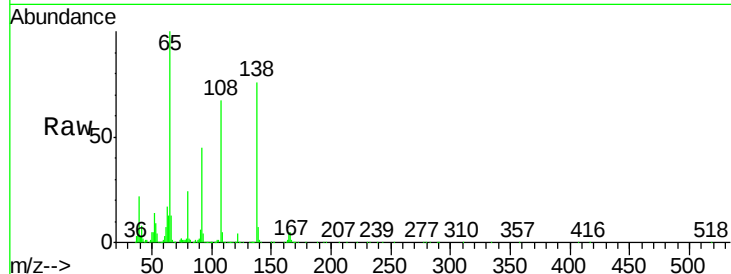




#61
4-Nitroaniline
Concen: 40.14 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

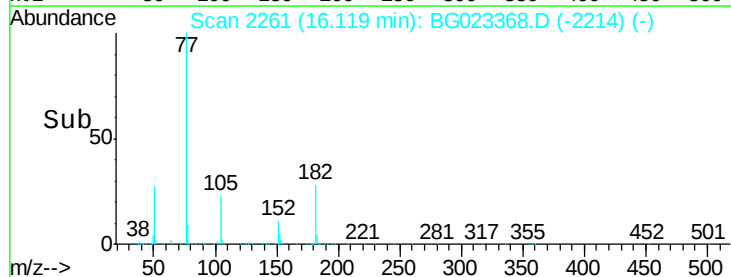
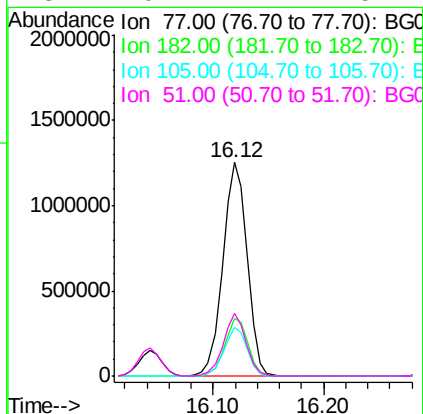
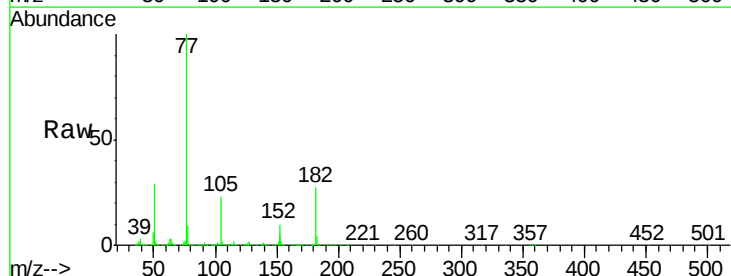
Instrument :
BNA_G
ClientSampleId :

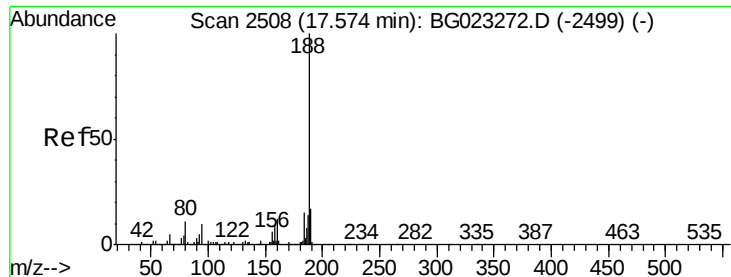
Tot Ion:138 Resp: 448869
Ion Ratio Lower Upper
138 100
92 59.5 54.1 94.1
108 88.2 133.9 173.9#



#62
Azobenzene
Concen: 39.90 ng
RT: 16.12 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion: 77 Resp: 1916163
Ion Ratio Lower Upper
77 100
182 27.0 3.5 43.5
105 22.7 0.0 38.5
51 29.1 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: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

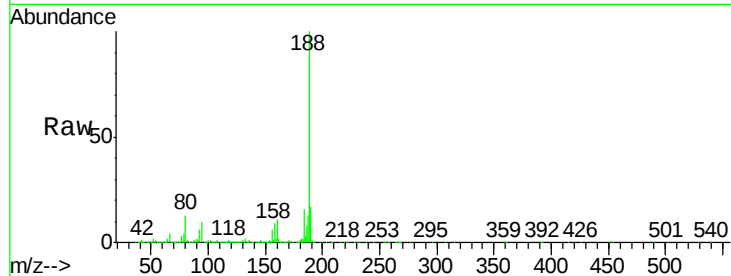
Tot Ion:188 Resp: 1454496

Ion Ratio Lower Upper

188 100

94 10.5 5.2 7.8#

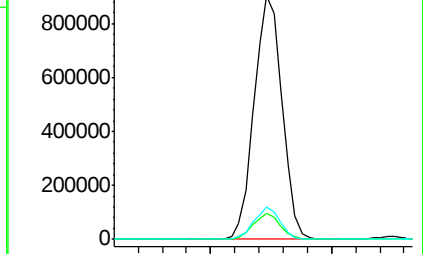
80 13.3 7.2 10.8#



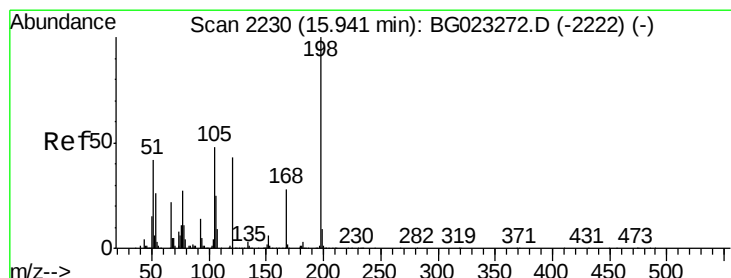
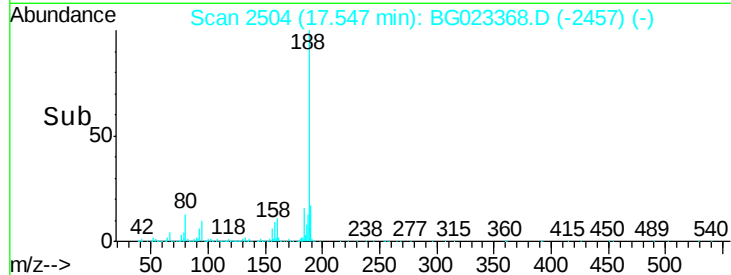
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 40.23 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

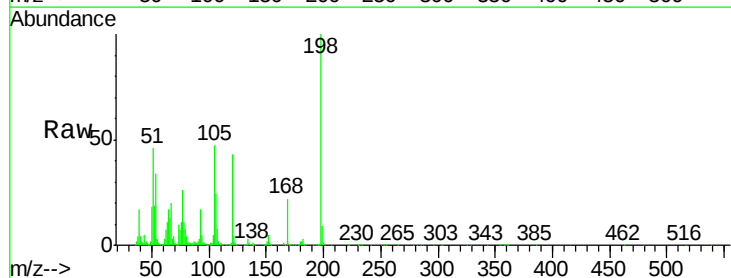
Tgt Ion:198 Resp: 375813

Ion Ratio Lower Upper

198 100

51 46.0 26.0 66.0

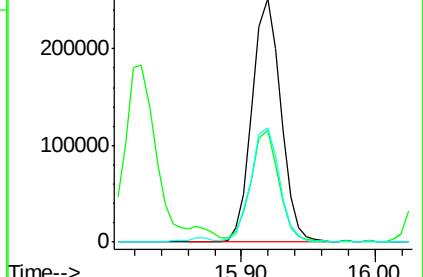
105 46.9 20.1 60.1



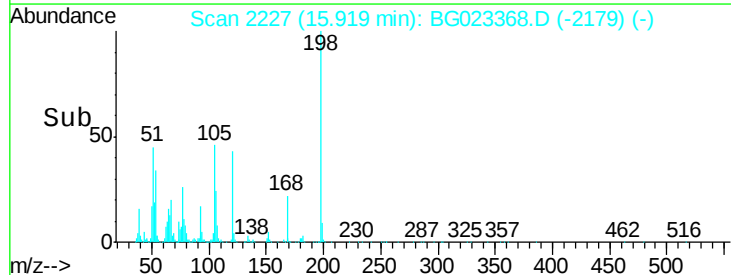
Abundance Ion 198.00 (197.70 to 198.70): E

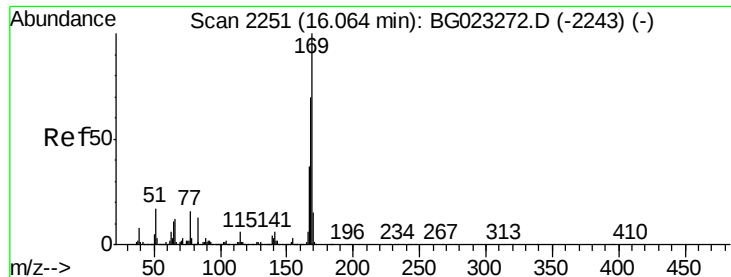
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 40.20 ng

RT: 16.04 min Scan# 2248

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampled :

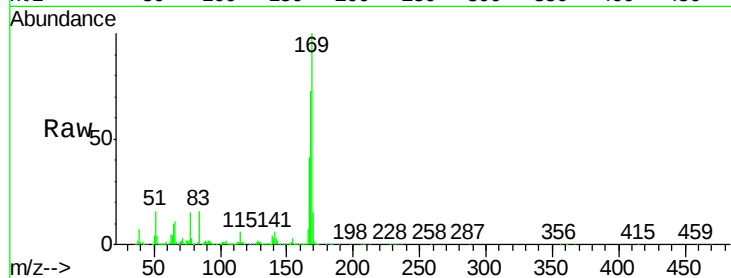
Tot Ion:169 Resp: 1561099

Ion Ratio Lower Upper

169 100

168 73.1 55.0 82.4

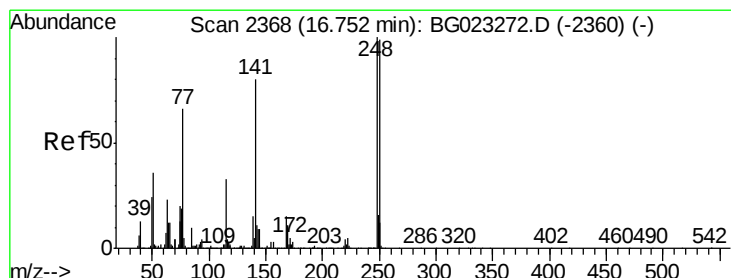
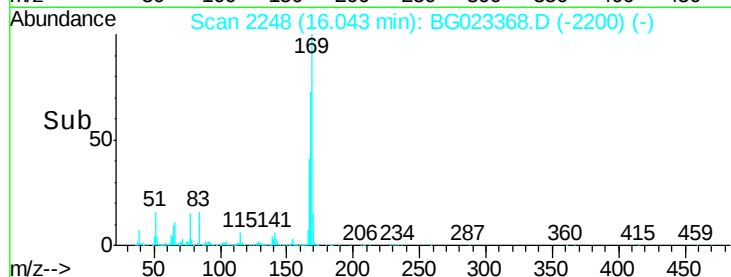
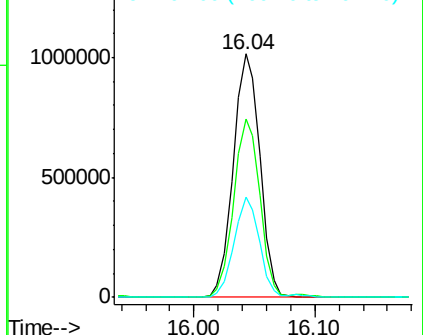
167 41.4 27.4 41.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.66 ng

RT: 16.72 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

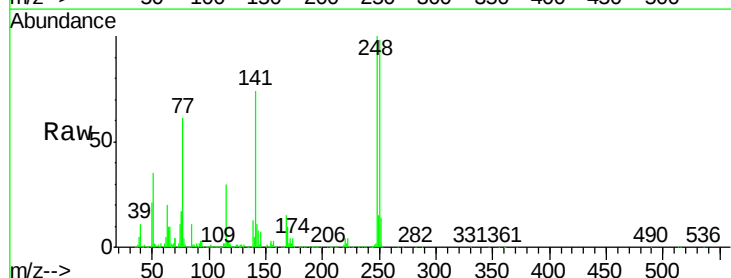
Tgt Ion:248 Resp: 627430

Ion Ratio Lower Upper

248 100

250 98.2 77.8 116.8

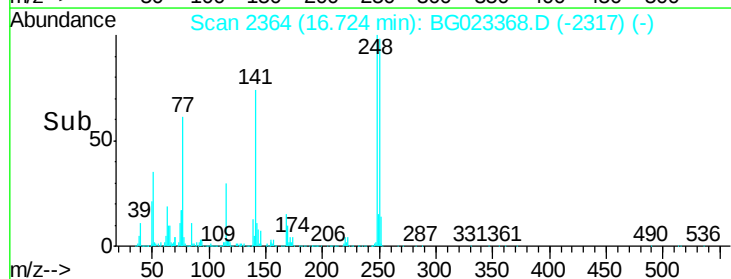
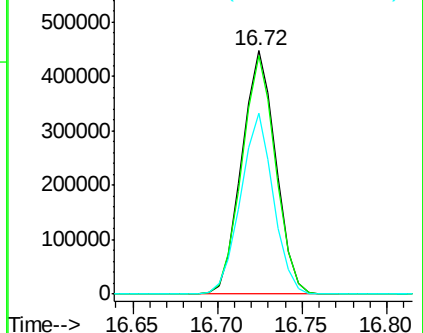
141 74.4 65.7 98.5

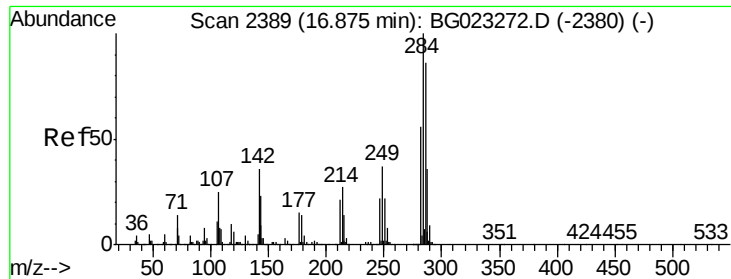


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

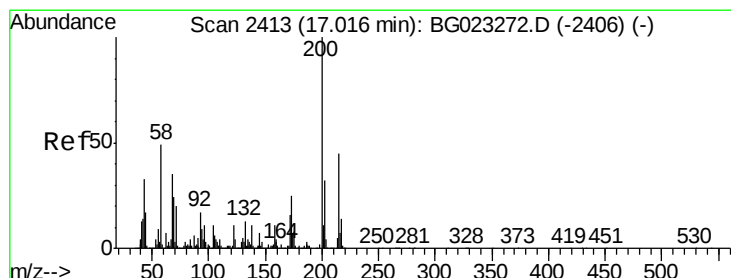
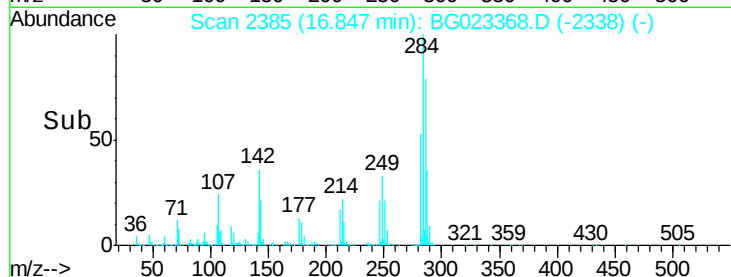
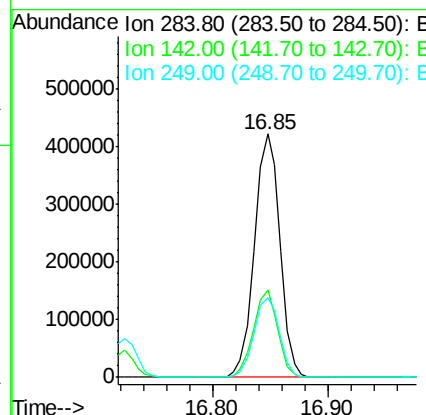
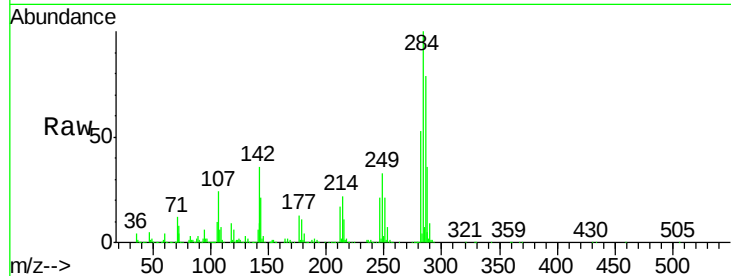




#67
Hexachlorobenzene
Concen: 43.63 ng
RT: 16.85 min Scan# 2385
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

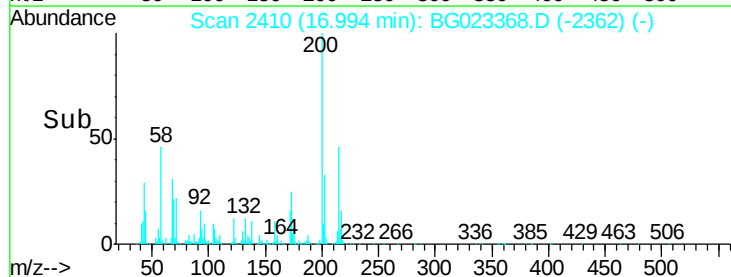
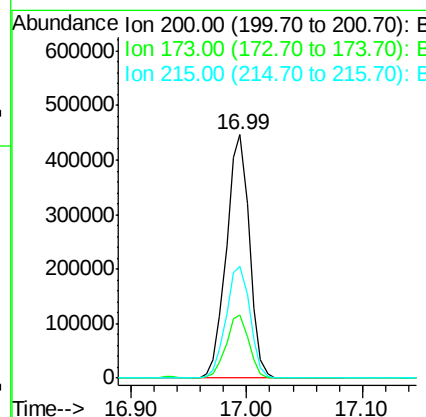
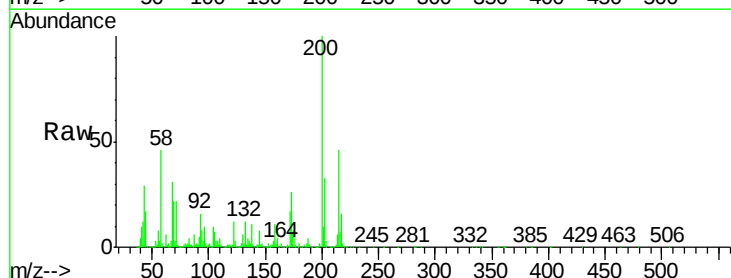
Instrument :
BNA_G
ClientSampled :

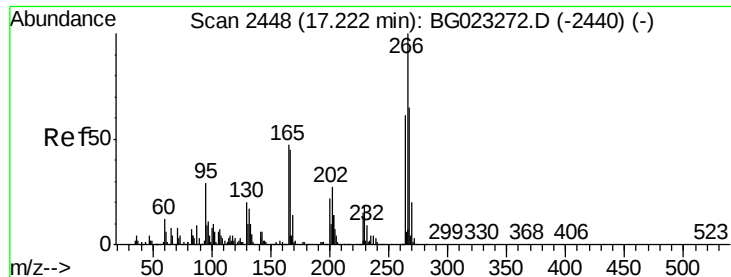
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.0	26.8	40.2
249	32.9	28.9	43.3



#68
Atrazine
Concen: 41.21 ng
RT: 16.99 min Scan# 2410
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.8	1.6	41.6
215	46.1	28.7	68.7

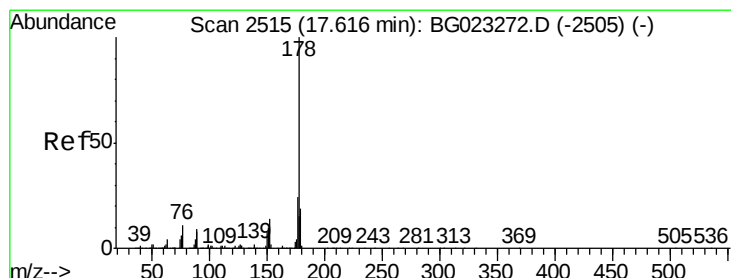
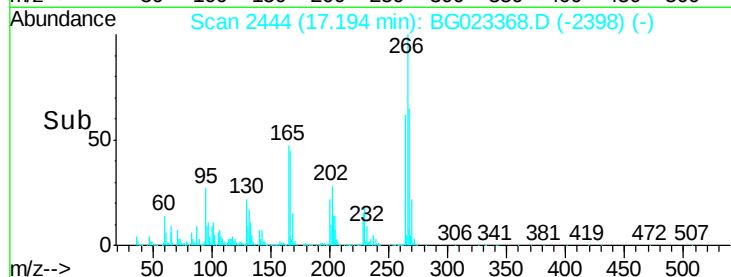
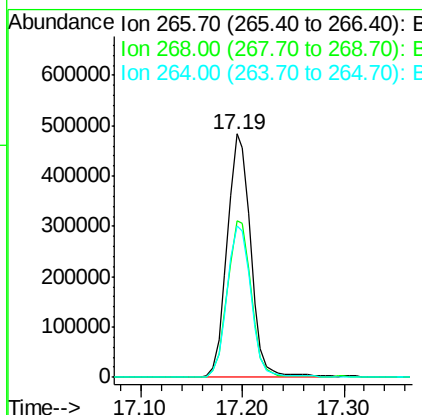
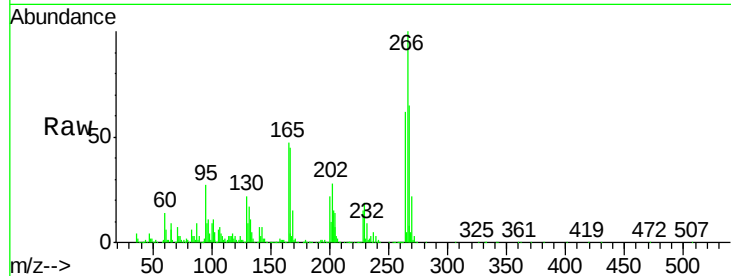




#69
 Pentachlorophenol
 Concen: 85.66 ng
 RT: 17.19 min Scan# 2444
 Delta R.T. -0.03 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

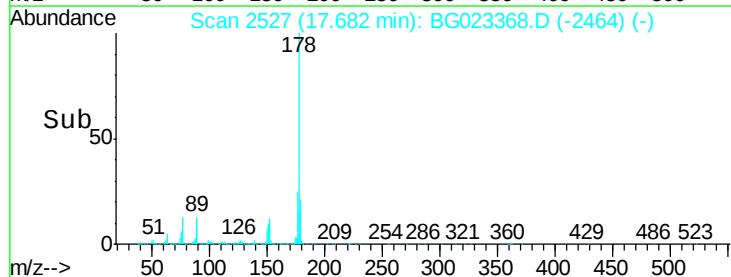
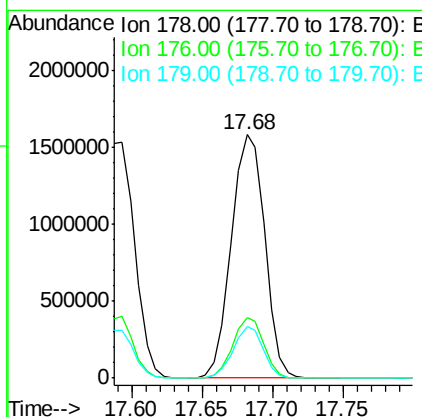
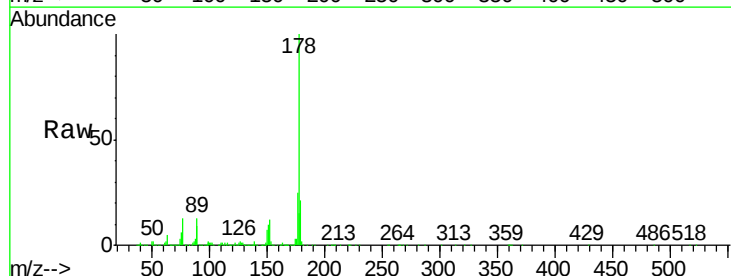
Instrument :
 BNA_G
 ClientSampleId :

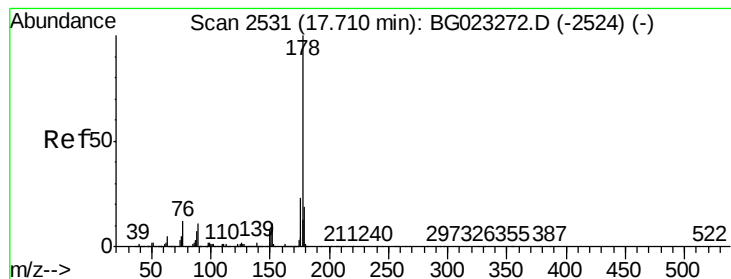
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.9	77.9
264	62.3	50.6	75.8



#70
 Phenanthrene
 Concen: 41.04 ng
 RT: 17.68 min Scan# 2527
 Delta R.T. 0.07 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.0	16.8	25.2
179	21.2	14.3	21.5





#71

Anthracene

Concen: 40.62 ng

RT: 17.68 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

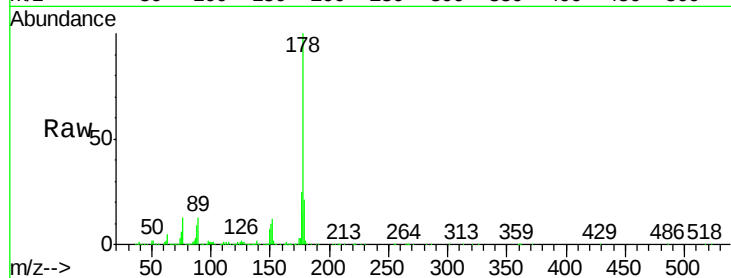
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 2610804

Ion	Ratio	Lower	Upper
178	100		
176	25.0	17.3	25.9
179	21.2	14.0	21.0

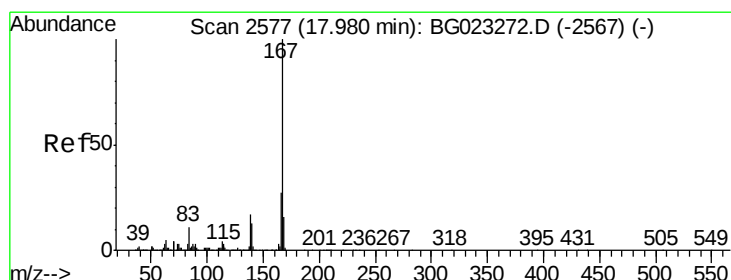
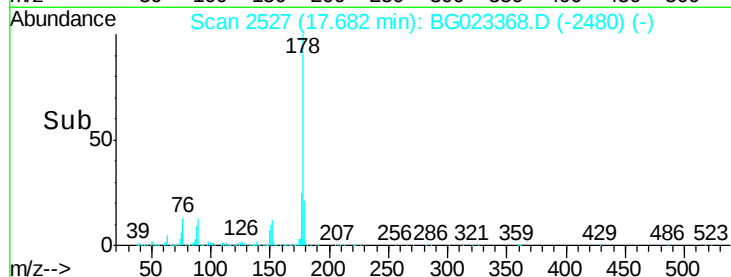
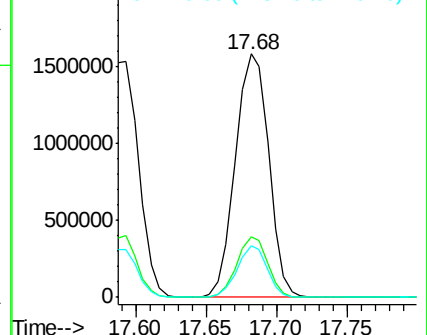


Abundance

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



#72

Carbazole

Concen: 41.14 ng

RT: 17.96 min Scan# 2574

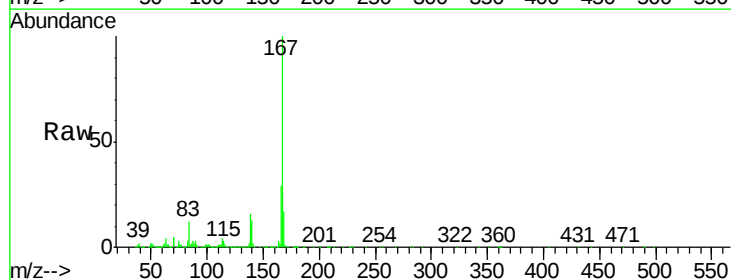
Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion:167 Resp: 2422386

Ion	Ratio	Lower	Upper
167	100		
166	29.1	20.7	31.1
139	16.3	11.9	17.9

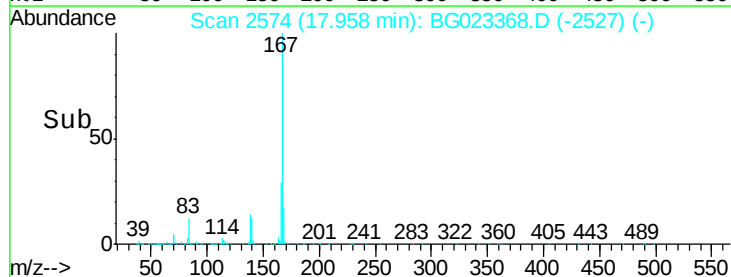
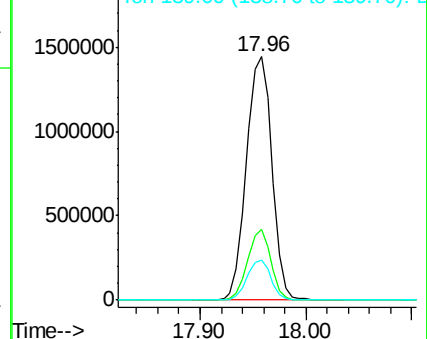


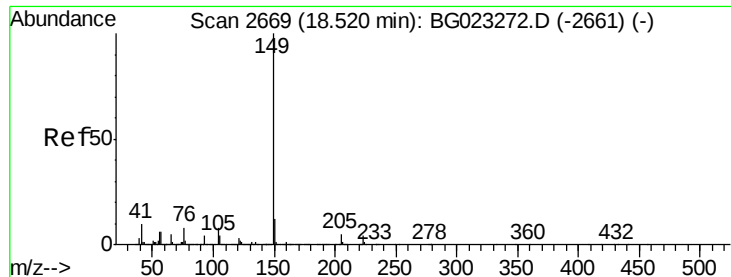
Abundance

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





#73

Di-n-butylphthalate

Concen: 41.09 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

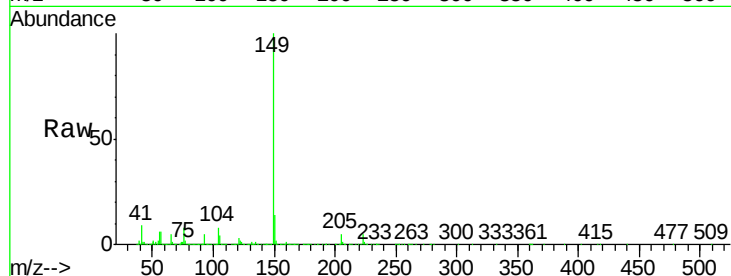
Tot Ion:149 Resp: 2699042

Ion Ratio Lower Upper

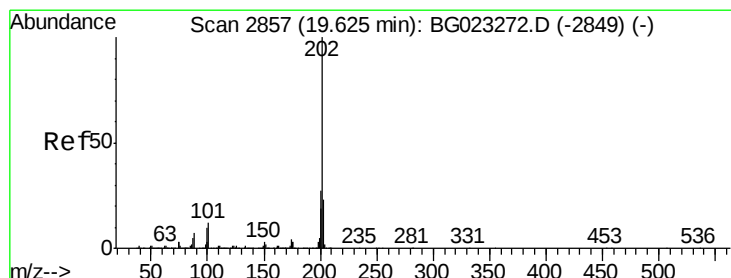
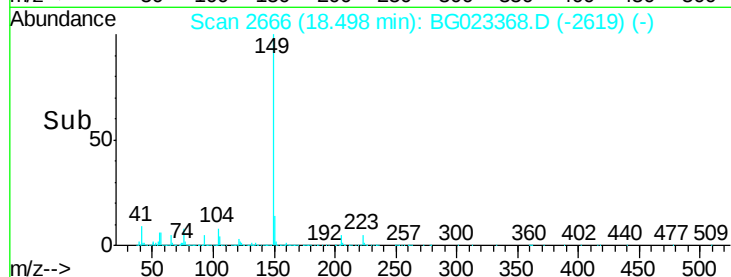
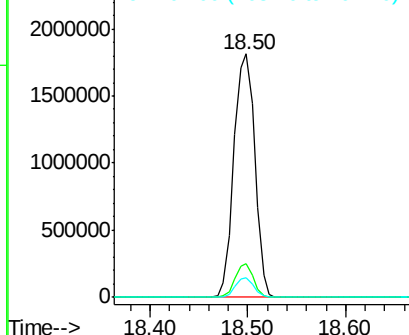
149 100

150 13.7 9.1 13.7#

104 8.0 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: 38.30 ng

RT: 19.60 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

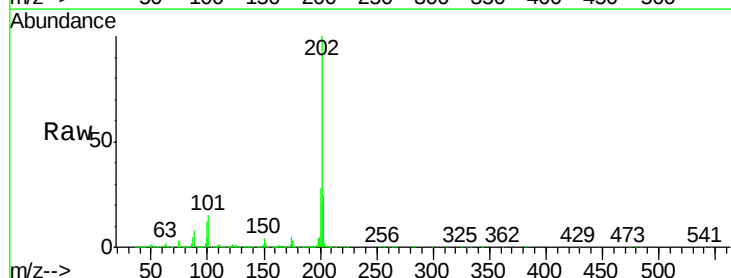
Tgt Ion:202 Resp: 2780923

Ion Ratio Lower Upper

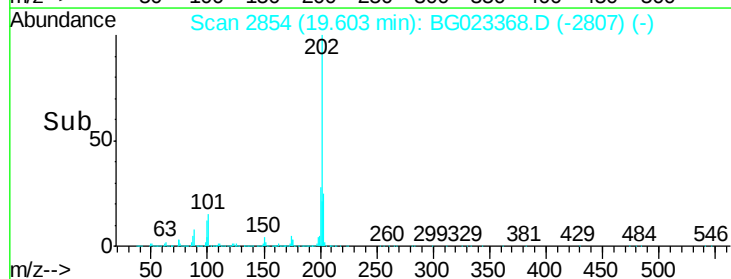
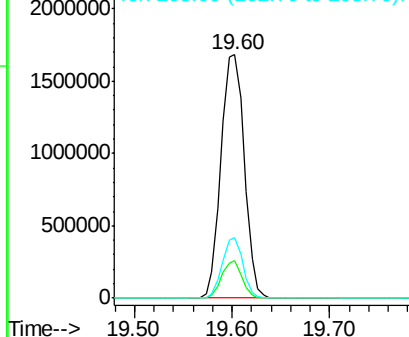
202 100

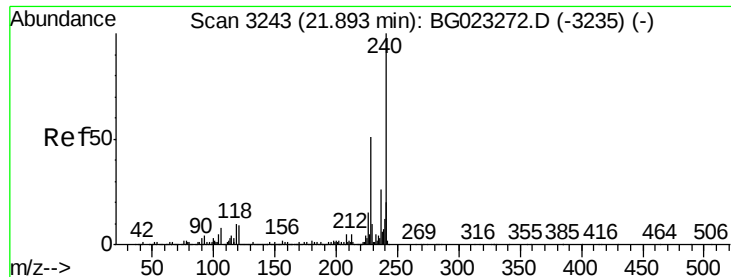
101 15.2 0.0 27.4

203 24.7 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# 3239

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

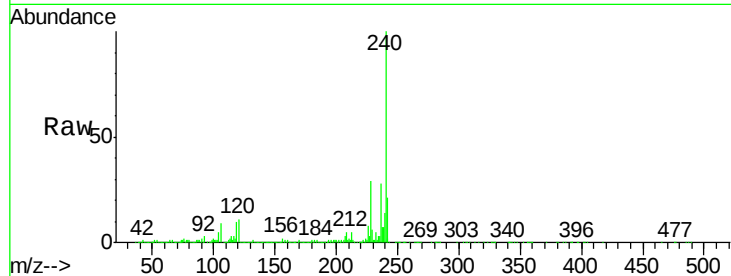
Tot Ion:240 Resp: 1269331

Ion Ratio Lower Upper

240 100

120 10.9 4.1 6.1#

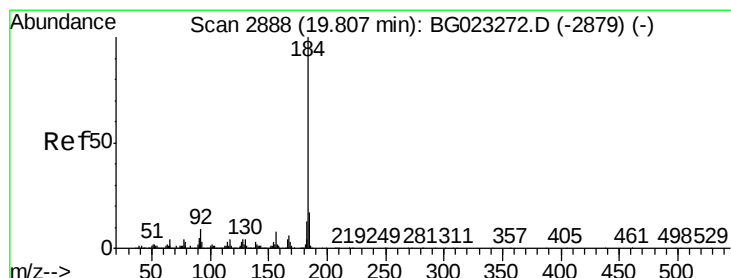
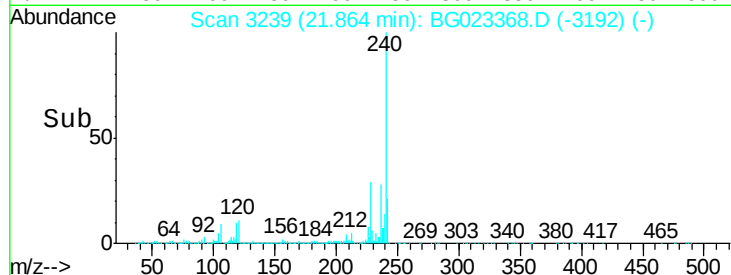
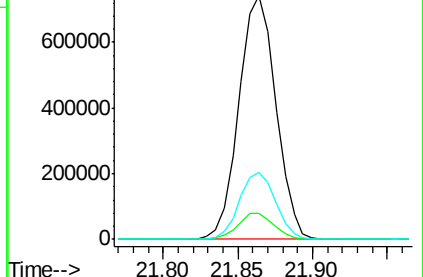
236 27.5 21.1 31.7



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: 40.07 ng

RT: 19.78 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

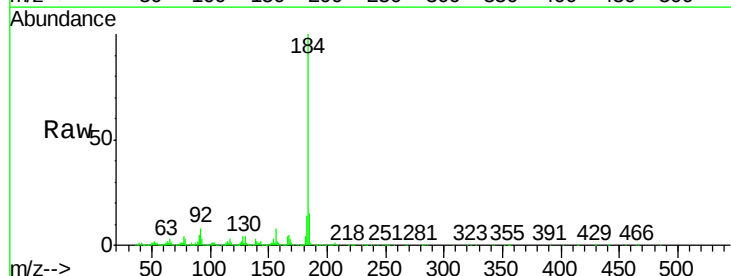
Tgt Ion:184 Resp: 1430619

Ion Ratio Lower Upper

184 100

185 15.2 12.6 19.0

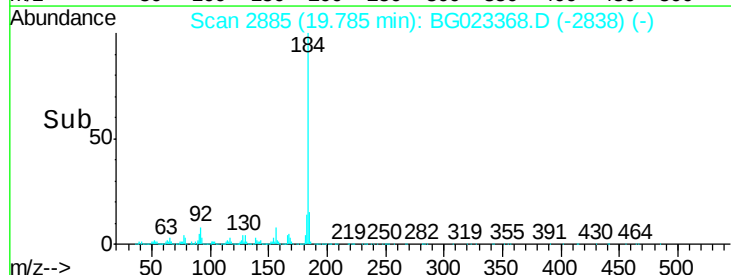
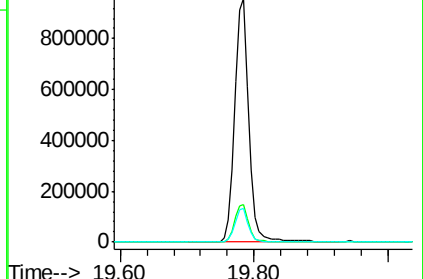
183 13.9 10.7 16.1

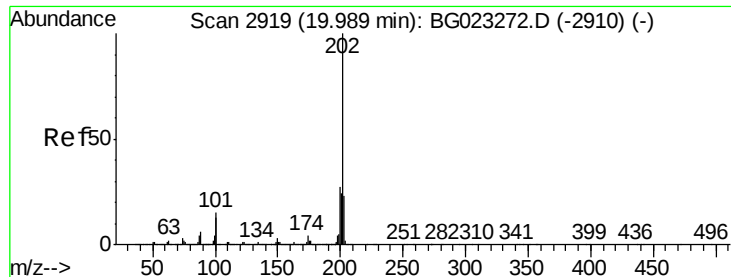


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.82 ng

RT: 19.97 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampleId :

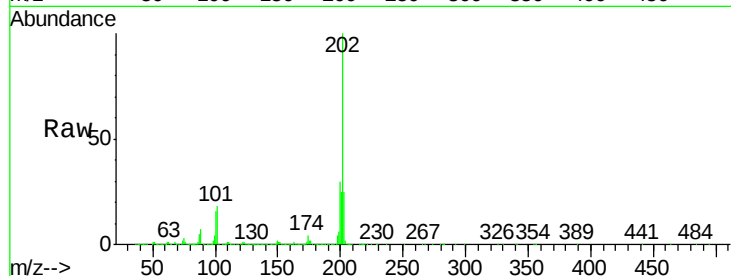
Tot Ion:202 Resp: 2724048

Ion	Ratio	Lower	Upper
202	100		
200	29.9	21.2	31.8
203	25.2	16.8	25.2

202 100

200 29.9 21.2 31.8

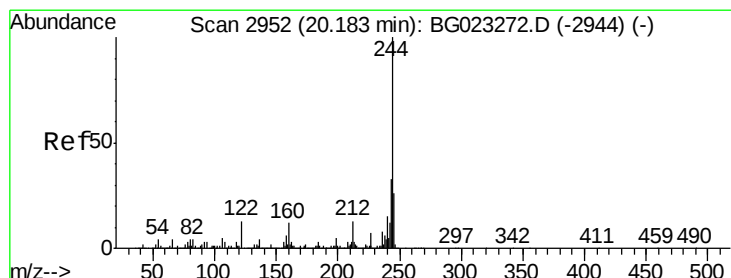
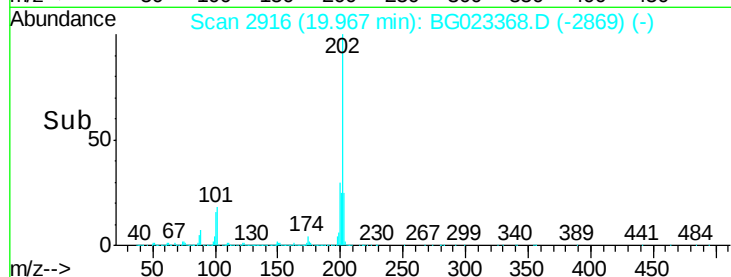
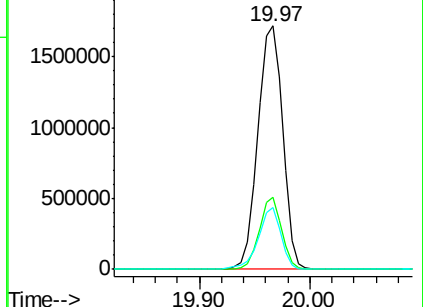
203 25.2 16.8 25.2#



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: 78.15 ng

RT: 20.15 min Scan# 2948

Delta R.T. -0.02 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

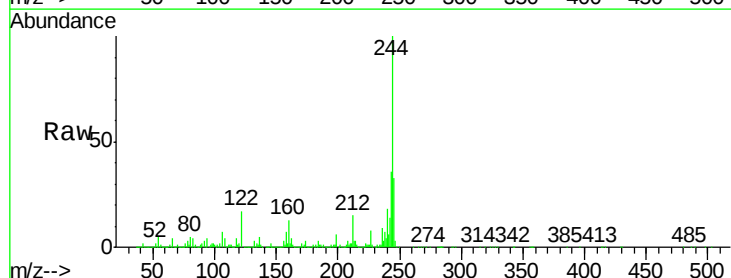
Tgt Ion:244 Resp: 3051524

Ion	Ratio	Lower	Upper
244	100		
212	14.7	10.8	16.2
122	16.6	8.0	12.0

244 100

212 14.7 10.8 16.2

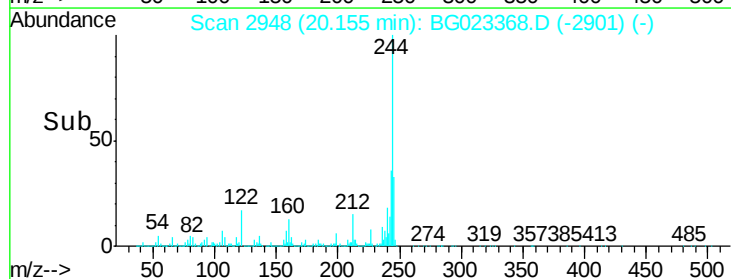
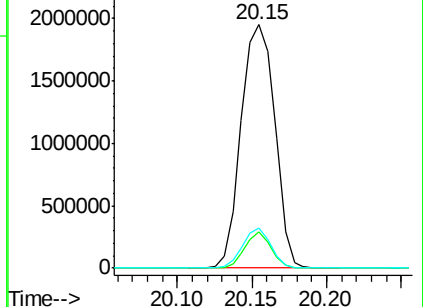
122 16.6 8.0 12.0#



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

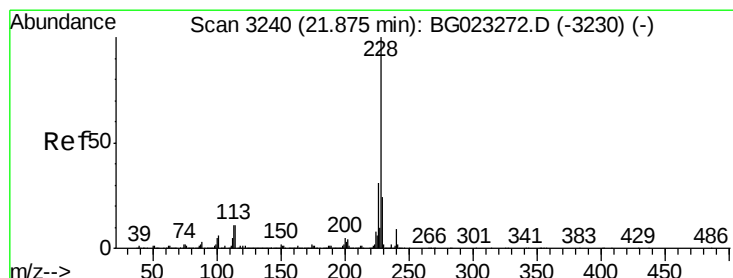
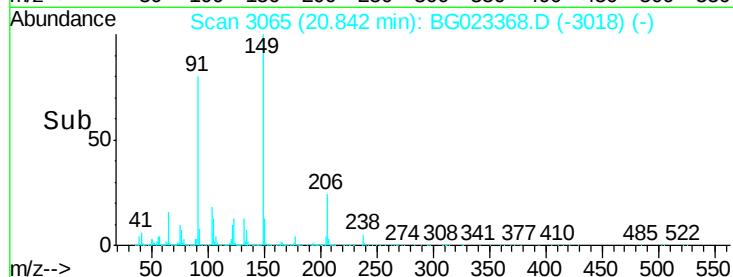
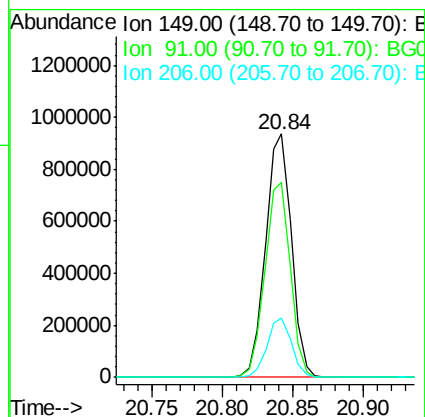
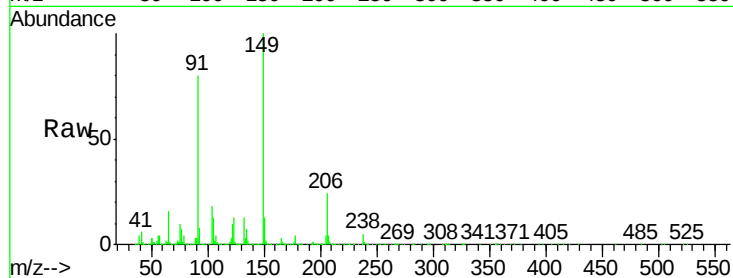




#79
Butylbenzylphthalate
Concen: 38.17 ng
RT: 20.84 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

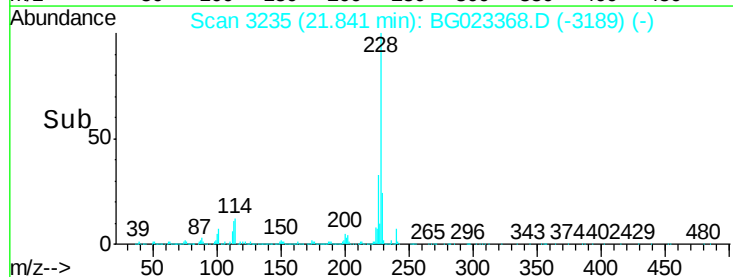
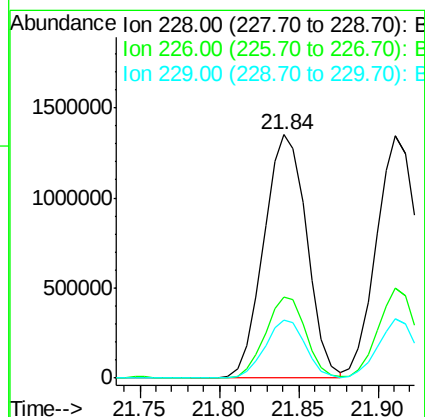
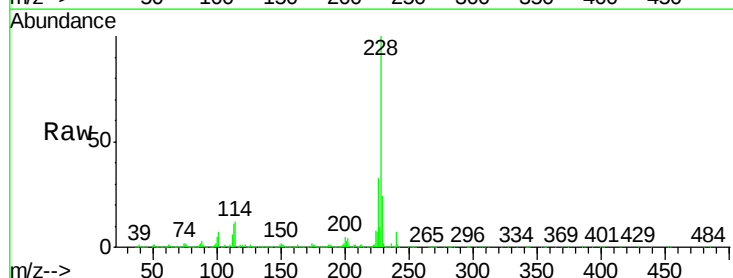
Instrument :
BNA_G
ClientSampleId :

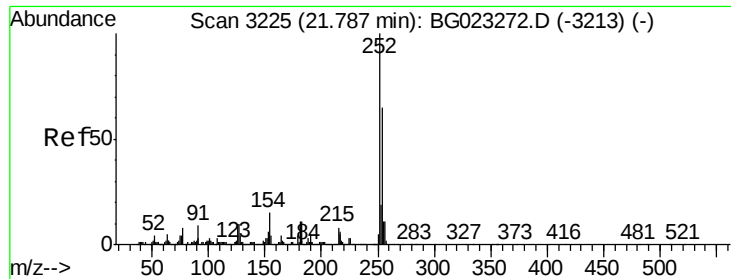
Tot Ion:149 Resp: 1209656
Ion Ratio Lower Upper
149 100
91 80.1 68.1 102.1
206 24.4 19.8 29.6



#80
Benzo(a)anthracene
Concen: 38.22 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.03 min
Lab File: BG023368.D
Acq: 31 Jul 2016 14:55

Tgt Ion:228 Resp: 2539661
Ion Ratio Lower Upper
228 100
226 33.4 25.3 37.9
229 23.7 19.9 29.9

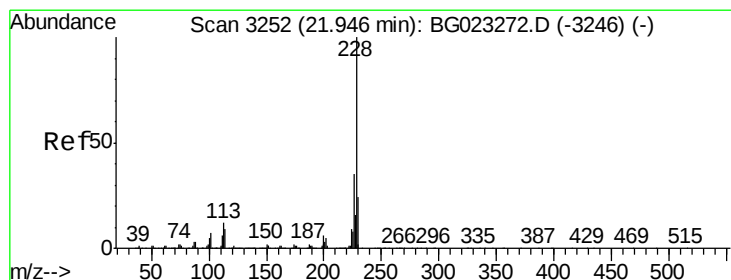
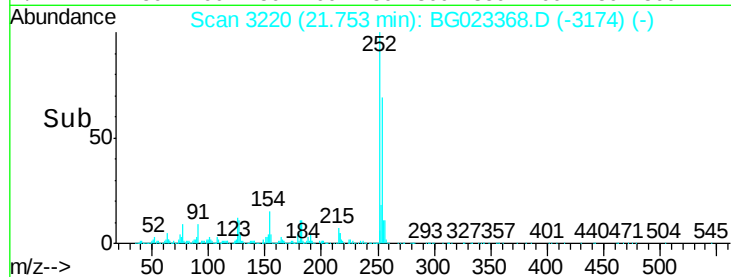
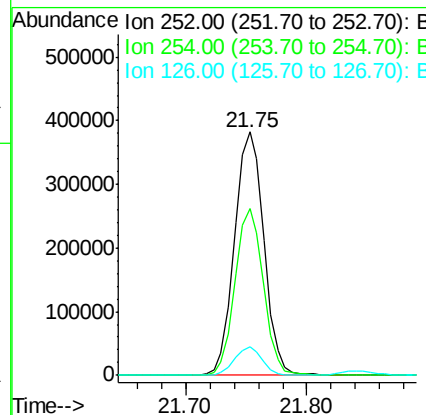
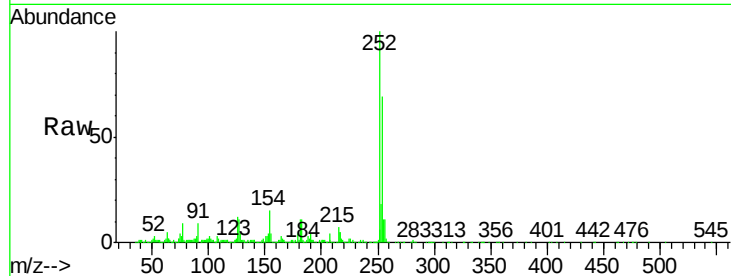




#81
 3,3'-Dichlorobenzidine
 Concen: 24.00 ng
 RT: 21.75 min Scan# 3220
 Delta R.T. -0.03 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

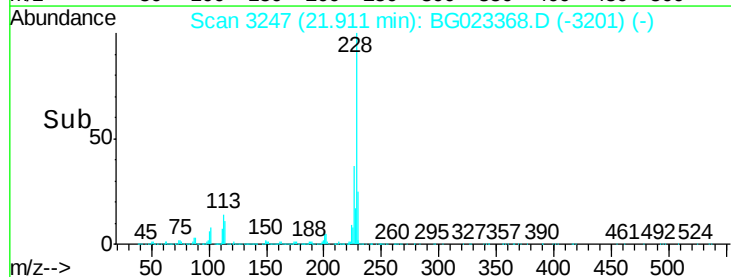
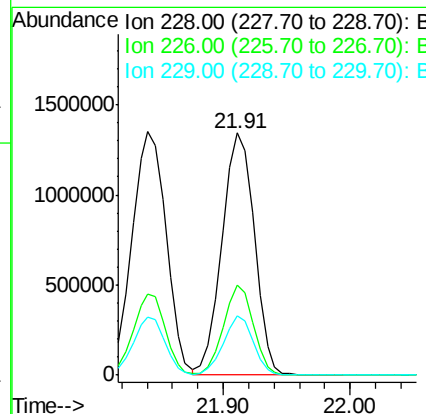
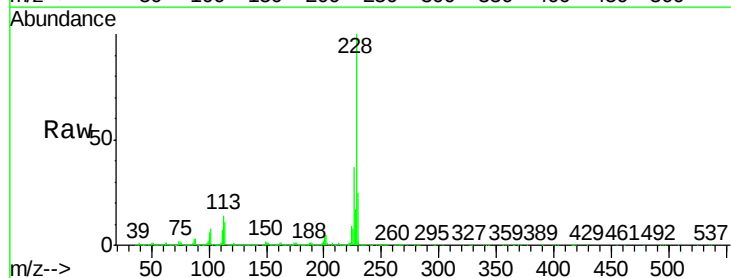
Instrument :
 BNA_G
 ClientSampleId :

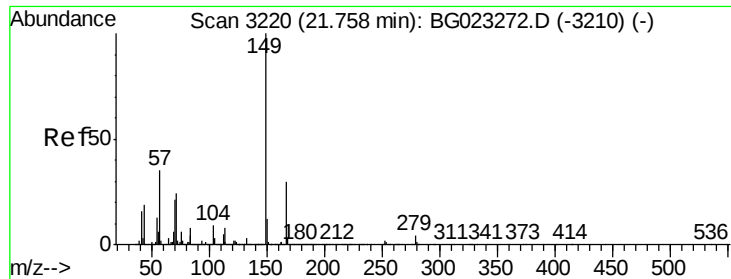
Tot Ion	Ratio	Lower	Upper
252	100		
254	68.6	51.2	76.8
126	12.0	5.3	7.9



#82
 Chrysene
 Concen: 37.03 ng
 RT: 21.91 min Scan# 3247
 Delta R.T. -0.03 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.3	26.7	40.1
229	24.7	17.4	26.2

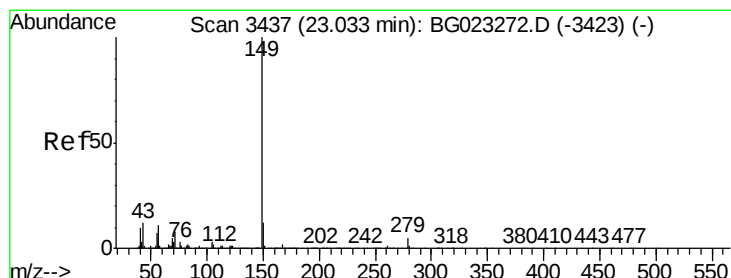
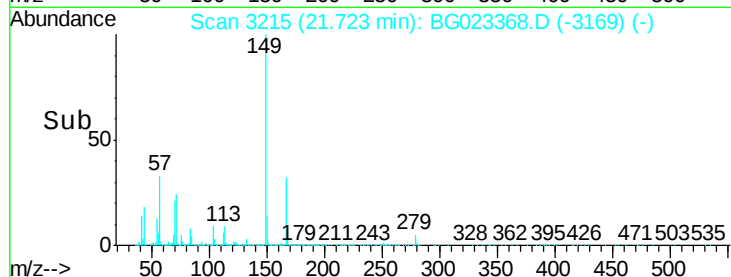
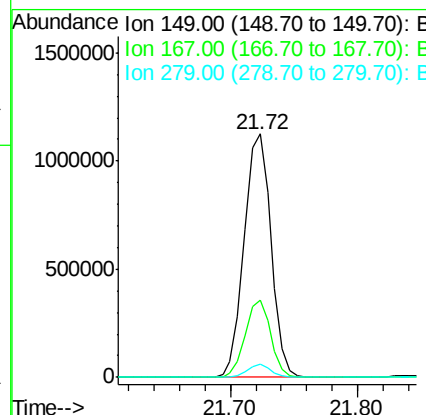
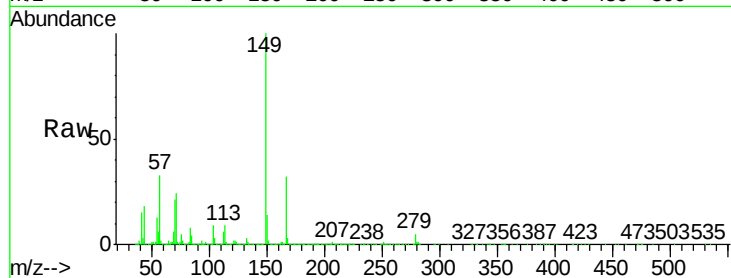




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.20 ng
 RT: 21.72 min Scan# 3215
 Delta R.T. -0.03 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

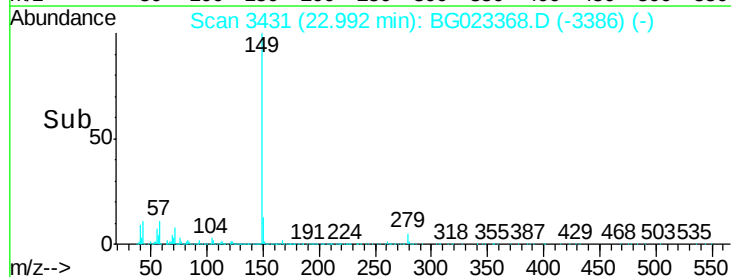
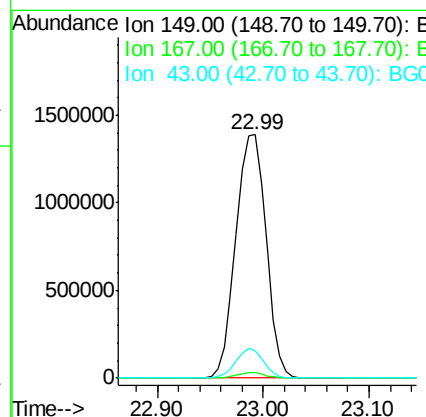
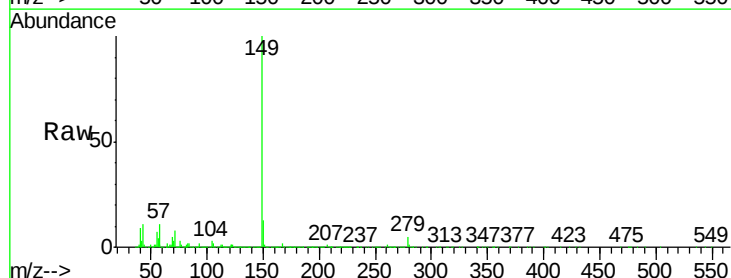
Instrument :
 BNA_G
 ClientSampleId :

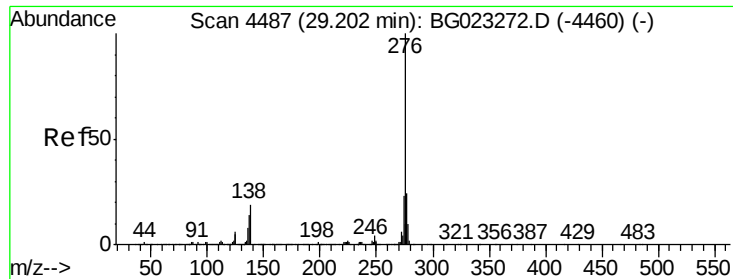
Tot Ion:149 Resp: 1649354
 Ion Ratio Lower Upper
 149 100
 167 31.6 24.0 36.0
 279 5.2 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 37.84 ng
 RT: 22.99 min Scan# 3431
 Delta R.T. -0.04 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion:149 Resp: 2744731
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 11.0 8.8 13.2

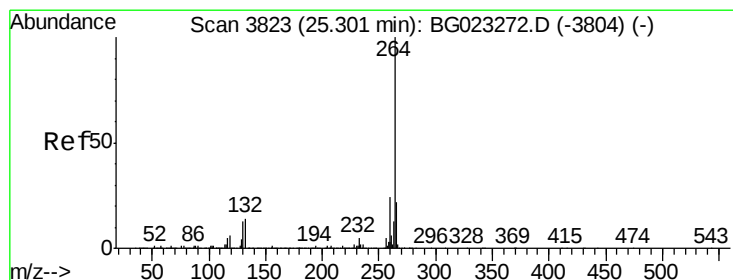
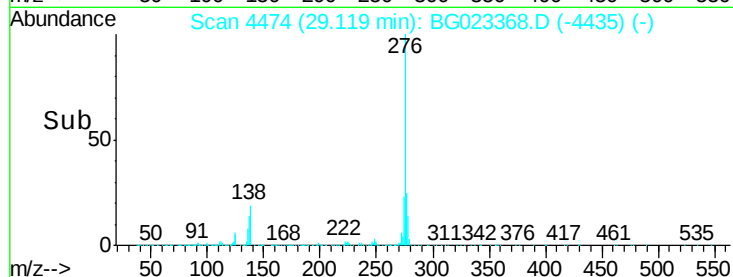
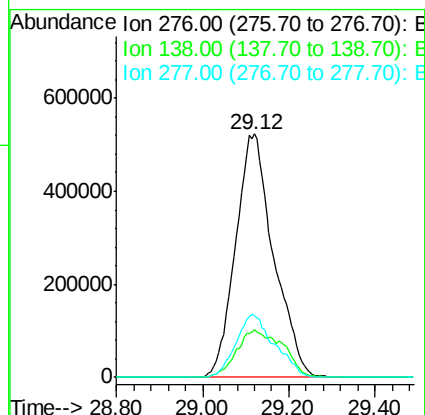
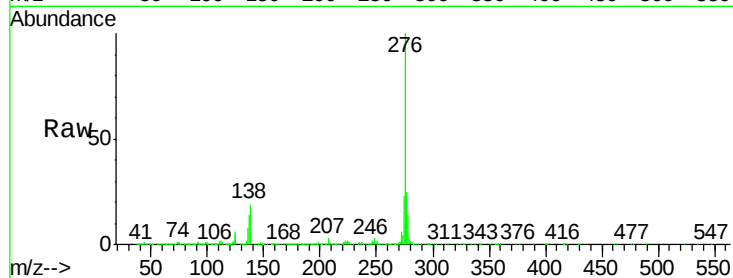




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.09 ng
 RT: 29.12 min Scan# 4474
 Delta R.T. -0.07 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

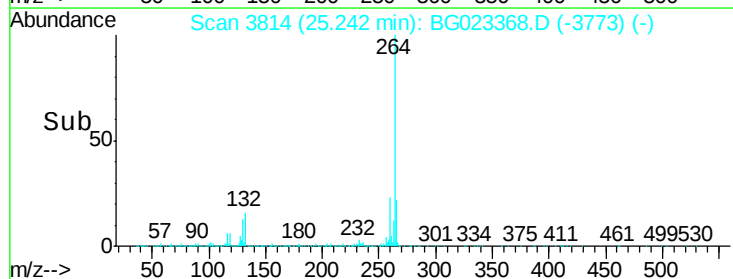
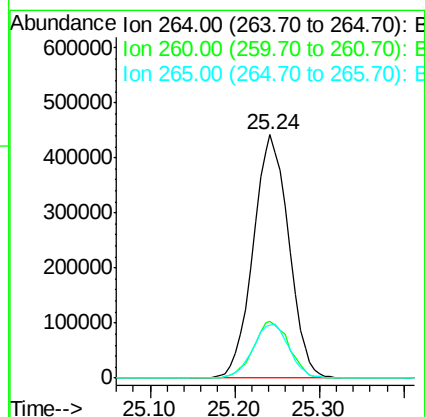
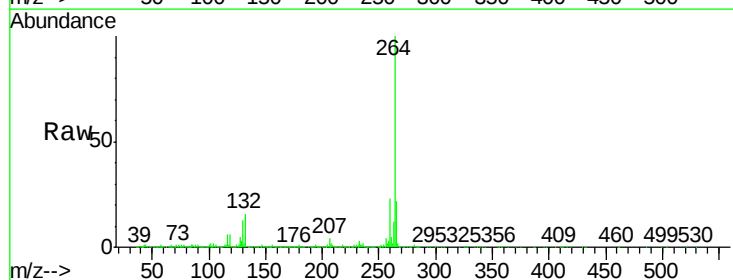
Instrument :
 BNA_G
 ClientSampleId :

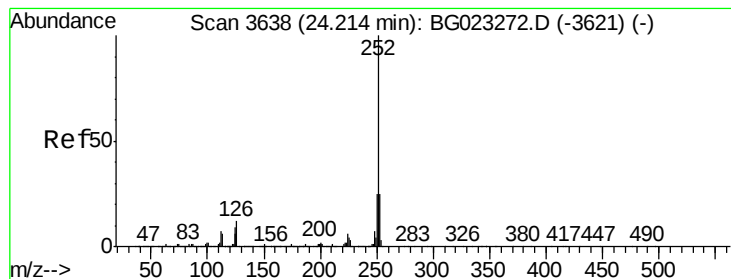
Tot Ion:276 Resp: 3227248
 Ion Ratio Lower Upper
 276 100
 138 14.5 0.0 0.0#
 277 26.3 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3814
 Delta R.T. -0.06 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Tgt Ion:264 Resp: 1292200
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 21.8 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 40.02 ng

RT: 24.17 min Scan# 3631

Delta R.T. -0.04 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Instrument :

BNA_G

ClientSampled :

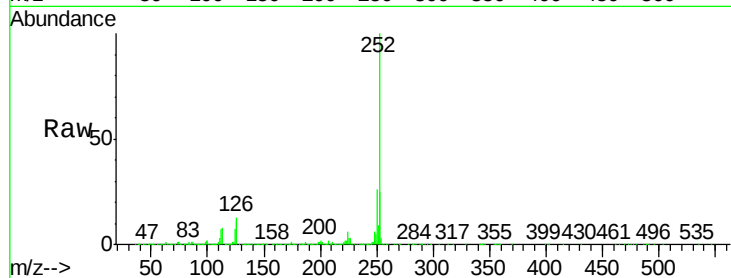
Tot Ion:252 Resp: 2747138

Ion Ratio Lower Upper

252 100

253 24.8 18.9 28.3

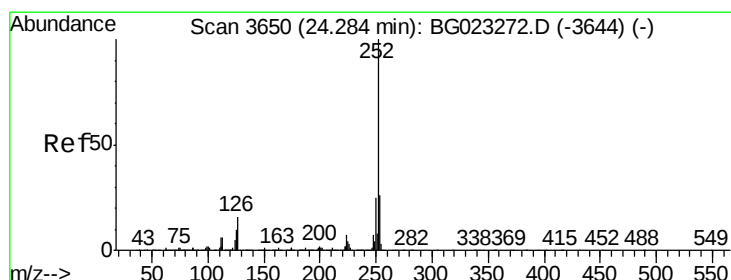
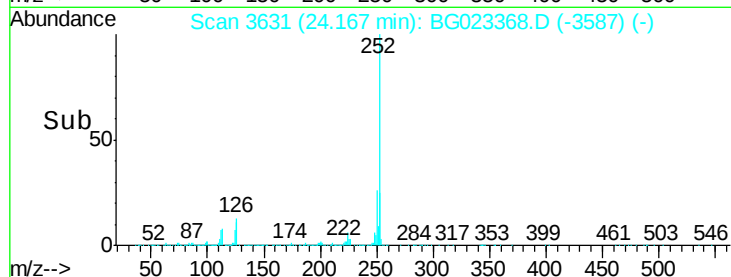
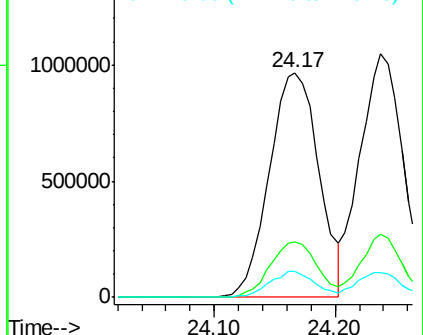
125 11.3 3.9 5.9#



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



#88

Benzo(k)fluoranthene

Concen: 37.76 ng

RT: 24.24 min Scan# 3643

Delta R.T. -0.05 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

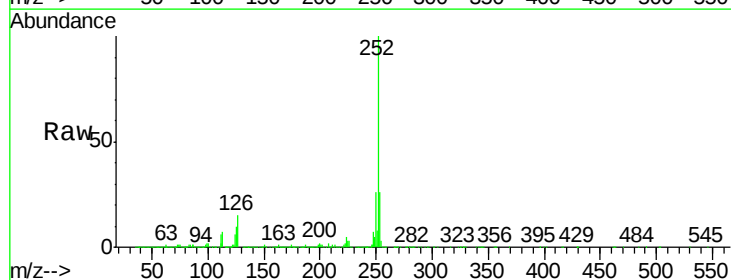
Tgt Ion:252 Resp: 2591244

Ion Ratio Lower Upper

252 100

253 26.2 18.8 28.2

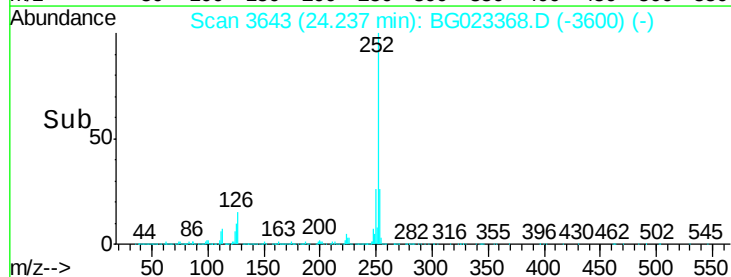
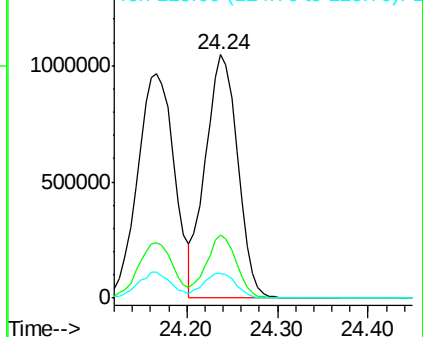
125 10.1 3.2 4.8#

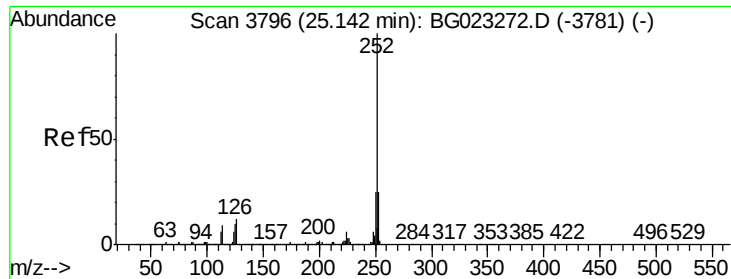


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.33 ng

RT: 25.09 min Scan# 3788

Delta R.T. -0.04 min

Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

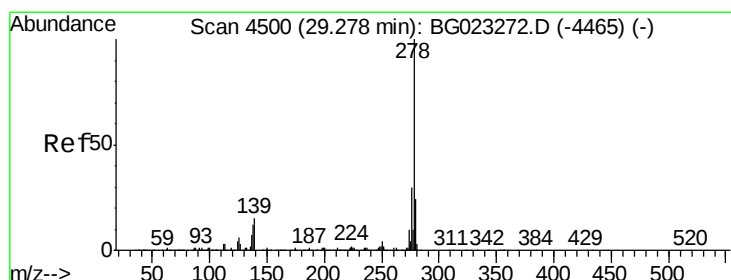
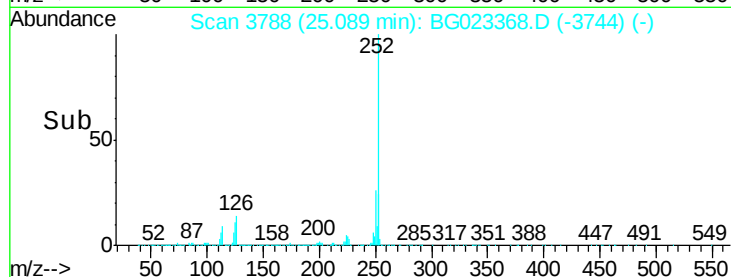
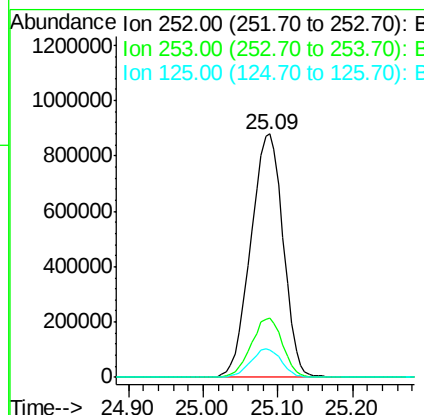
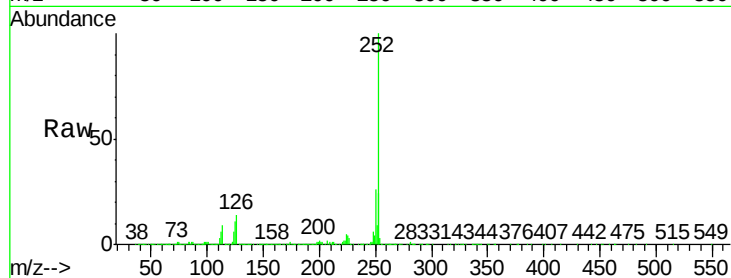
Instrument :

BNA_G

ClientSampled :

Tot Ion:252 Resp: 2645684

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	11.2	3.9	5.9#



#90

Dibenzo(a,h)anthracene

Concen: 41.76 ng

RT: 29.18 min Scan# 4484

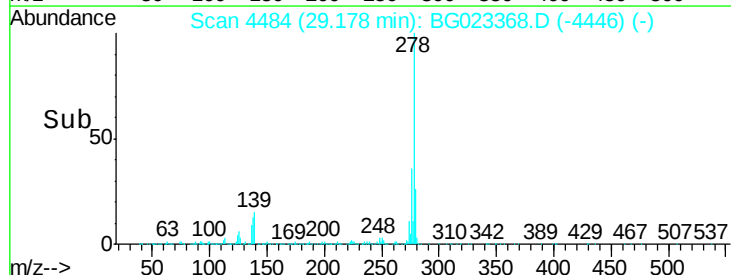
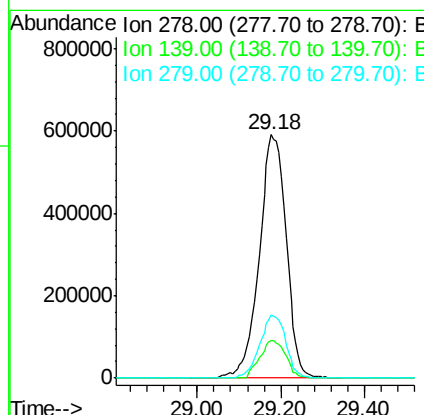
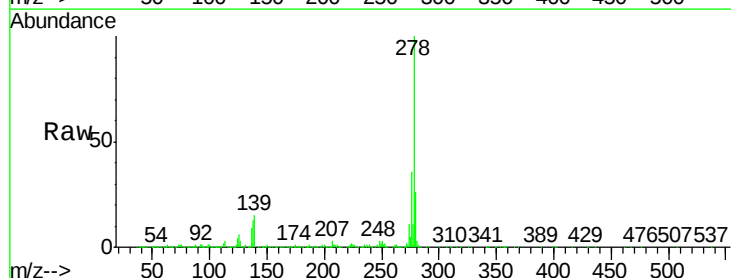
Delta R.T. -0.08 min

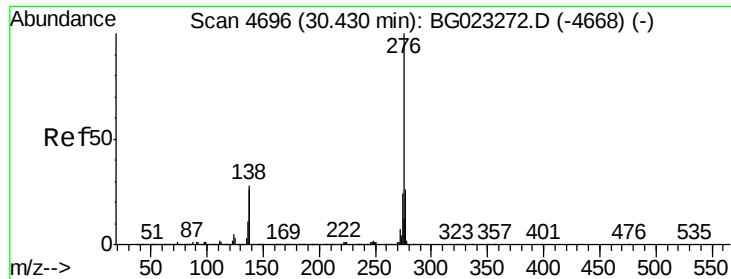
Lab File: BG023368.D

Acq: 31 Jul 2016 14:55

Tgt Ion:278 Resp: 2657222

Ion	Ratio	Lower	Upper
278	100		
139	15.3	4.7	7.1#
279	25.8	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 39.89 ng
 RT: 30.32 min Scan# 4679
 Delta R.T. -0.10 min
 Lab File: BG023368.D
 Acq: 31 Jul 2016 14:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 2672321
 Ion Ratio Lower Upper
 276 100
 277 24.9 18.6 27.8
 138 19.6 6.8 10.2#

