

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\
 Data File : BG023388.D
 Acq On : 1 Aug 2016 17:57
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 18:44:18 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:40:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	146681	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	747869	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	522833	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1293998	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1015172	20.00	ng	0.00
86) Perylene-d12	25.24	264	1049009	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1348891	156.99	ng	0.00
7) Phenol-d6	7.28	99	2136741	161.98	ng	0.00
23) Nitrobenzene-d5	9.31	82	2220930	145.22	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	1215130	224.55	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	3797284	135.93	ng	0.00
78) Terphenyl-d14	20.16	244	4224619	135.28	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	273907	74.33	ng	# 92
3) Pyridine	3.93	79	1026317	79.58	ng	95
4) n-Nitrosodimethylamine	3.85	42	372877	63.99	ng	# 63
6) Aniline	7.44	93	1590921	90.29	ng	97
8) 2-Chlorophenol	7.68	128	795023	82.93	ng	99
9) Benzaldehyde	7.26	77	519033	54.78	ng	95
10) Phenol	7.31	94	1169544	84.02	ng	84
11) bis(2-Chloroethyl)ether	7.54	93	919364	77.71	ng	92
12) 1,3-Dichlorobenzene	8.01	146	892711	82.63	ng	91
13) 1,4-Dichlorobenzene	8.16	146	906787	82.27	ng	97
14) 1,2-Dichlorobenzene	8.48	146	877651	82.55	ng	96
15) Benzyl Alcohol	8.37	79	907753	102.25	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	1348086	71.61	ng	90
17) 2-Methylphenol	8.57	107	797399	83.82	ng	# 86
18) Hexachloroethane	9.22	117	347461	75.67	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	966560	81.46	ng	100
20) 3+4-Methylphenols	8.91	107	1161430	89.79	ng	91
22) Acetophenone	8.96	105	1522004	77.95	ng	# 93
24) Nitrobenzene	9.35	77	1261132	71.01	ng	# 87
25) Isophorone	9.87	82	2362250	74.78	ng	# 93
26) 2-Nitrophenol	10.06	139	569308	84.87	ng	# 77
27) 2,4-Dimethylphenol	10.12	122	929842	82.24	ng	86
28) bis(2-Chloroethoxy)methane	10.35	93	1379331	77.83	ng	97
29) 2,4-Dichlorophenol	10.60	162	959736	87.68	ng	98
30) 1,2,4-Trichlorobenzene	10.82	180	982914	81.26	ng	97
31) Naphthalene	11.01	128	2668705	76.80	ng	# 93
32) Benzoic acid	10.32	122	936687	116.77	ng	90
33) 4-Chloroaniline	11.12	127	1404512	87.49	ng	95
34) Hexachlorobutadiene	11.29	225	647718	81.70	ng	96
35) Caprolactam	11.93	113	352920	75.82	ng	92
36) 4-Chloro-3-methylphenol	12.24	107	1218504	84.73	ng	91
37) 2-Methylnaphthalene	12.61	142	2092712	81.22	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	1419104	83.84	ng	98
40) Hexachlorocyclopentadiene	12.95	237	764943	95.37	ng	97

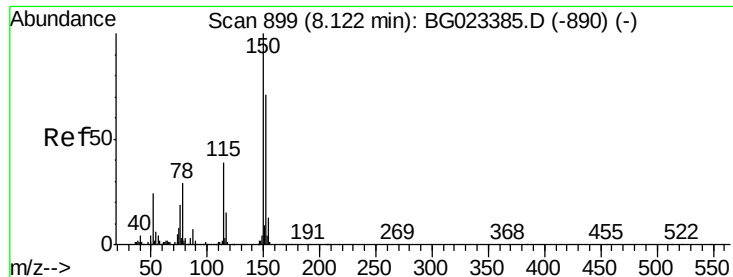
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	886610	89.18	nq	99
43) 2,4,5-Trichlorophenol	13.29	196	911764	86.45	nq	93
45) 1,1'-Biphenyl	13.62	154	2728945	74.84	nq	84
46) 2-Chloronaphthalene	13.66	162	2213570	75.76	nq	# 88
47) 2-Nitroaniline	13.87	65	1047347	84.73	nq	87
48) Acenaphthylene	14.52	152	3289980	73.54	nq	# 85
49) Dimethylphthalate	14.24	163	2764318	71.65	nq	# 92
50) 2,6-Dinitrotoluene	14.36	165	744428	82.39	nq	# 81
51) Acenaphthene	14.86	154	2245705	77.39	nq	97
52) 3-Nitroaniline	14.70	138	865105	95.06	nq	80
53) 2,4-Dinitrophenol	14.91	184	548566	103.69	nq	89
54) Dibenzofuran	15.19	168	3000314	73.07	nq	# 92
55) 4-Nitrophenol	15.02	139	710073	89.95	nq	# 75
56) 2,4-Dinitrotoluene	15.16	165	1056362	83.03	nq	95
57) Fluorene	15.84	166	2670720	73.66	nq	# 98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	834444	93.46	nq	94
59) Diethylphthalate	15.60	149	2790592	70.61	nq	# 86
60) 4-Chlorophenyl-phenylether	15.83	204	1491850	76.01	nq	97
61) 4-Nitroaniline	15.88	138	925851	97.03	nq	# 65
62) Azobenzene	16.12	77	2841189	69.34	nq	90
64) 4,6-Dinitro-2-methylphenol	15.93	198	765656	92.13	nq	93
65) n-Nitrosodiphenylamine	16.05	169	2590874	75.00	nq	# 87
66) 4-Bromophenyl-phenylether	16.72	248	1130237	86.38	nq	96
67) Hexachlorobenzene	16.85	284	1245307	94.66	nq	97
68) Atrazine	16.99	200	999979	75.46	nq	95
69) Pentachlorophenol	17.19	266	791614	97.50	nq	98
70) Phenanthrene	17.59	178	3842321	67.88	nq	# 75
71) Anthracene	17.68	178	3884545	67.93	nq	# 77
72) Carbazole	17.96	167	3731306	71.24	nq	# 80
73) Di-n-butylphthalate	18.50	149	3831947	65.57	nq	# 82
74) Fluoranthene	19.60	202	4077871	63.13	nq	71
76) Benzidine	19.78	184	1947621	68.21	nq	# 91
77) Pyrene	19.97	202	4056453	70.41	nq	# 72
79) Butylbenzylphthalate	20.84	149	1812297	71.51	nq	99
80) Benzo(a)anthracene	21.84	228	3742225	70.41	nq	# 87
81) 3,3'-Dichlorobenzidine	21.75	252	1722985	79.95	nq	# 94
82) Chrysene	21.91	228	3506215	68.28	nq	# 83
83) Bis(2-ethylhexyl)phthalate	21.72	149	2389953	67.39	nq	91
84) Di-n-octyl phthalate	22.99	149	3990342	68.78	nq	96
85) Indeno(1,2,3-cd)pyrene	29.13	276	5269038	87.96	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	4303904	77.23	nq	# 89
88) Benzo(k)fluoranthene	24.24	252	4083226	73.29	nq	# 86
89) Benzo(a)pyrene	25.09	252	4170747	76.37	nq	# 91
90) Dibenzo(a,h)anthracene	29.19	278	4392507	85.03	nq	# 87
91) Benzo(g,h,i)perylene	30.35	276	4557140	83.80	nq	# 88

(#) = 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. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

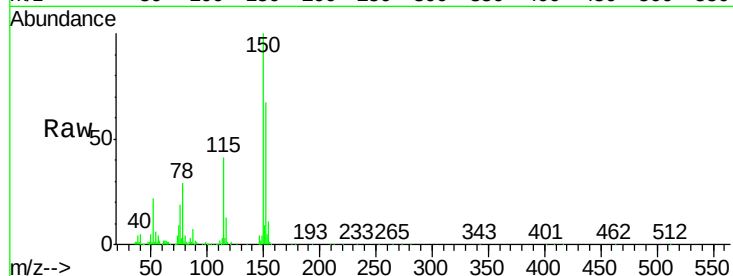
Tot Ion:152 Resp: 146681

Ion Ratio Lower Upper

152 100

150 148.2 144.7 217.1

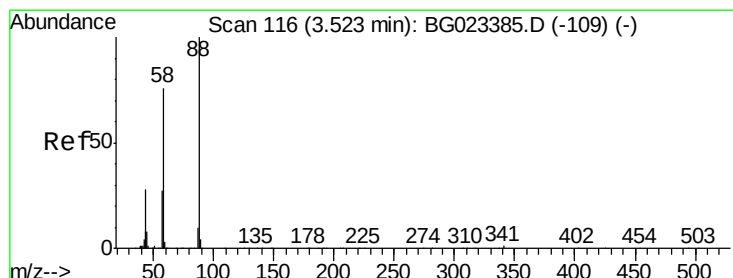
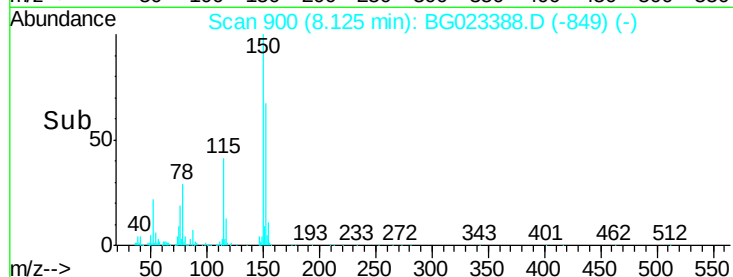
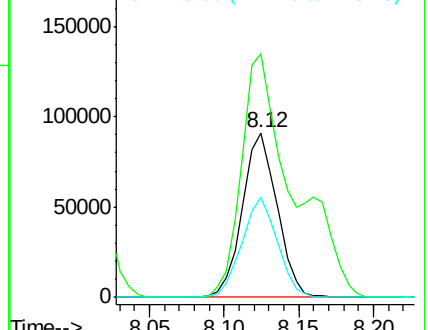
115 61.2 64.0 96.0#



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: 74.33 ng

RT: 3.52 min Scan# 117

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

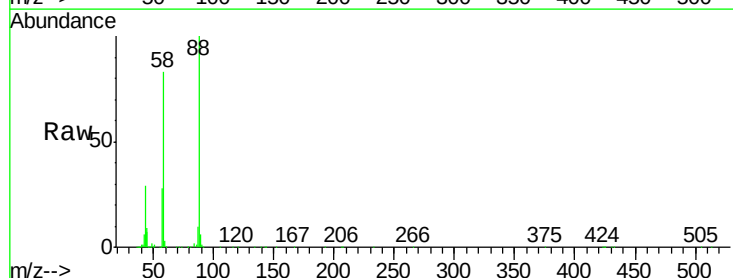
Tgt Ion: 88 Resp: 273907

Ion Ratio Lower Upper

88 100

58 78.4 60.4 90.6

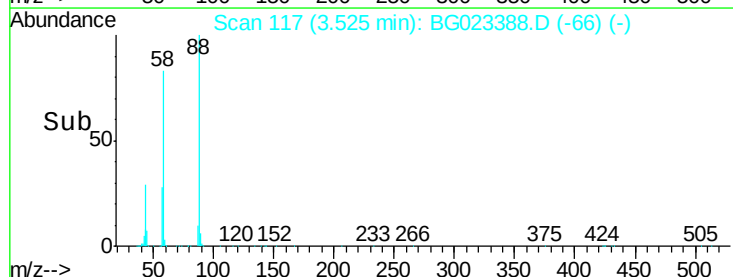
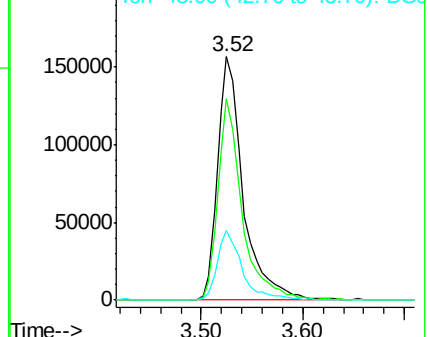
43 28.0 31.1 46.7#

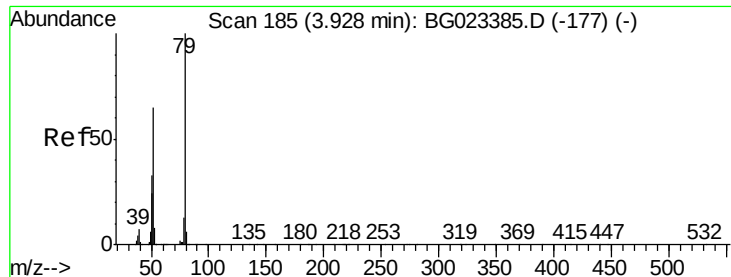


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 79.58 ng

RT: 3.93 min Scan# 186

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

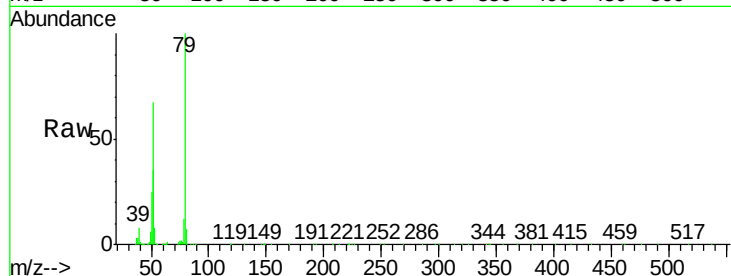
Tot Ion: 79 Resp: 1026317

Ion Ratio Lower Upper

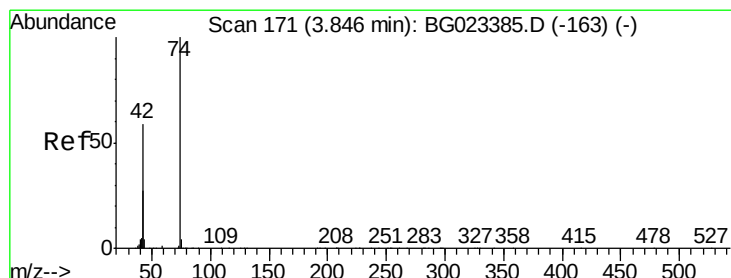
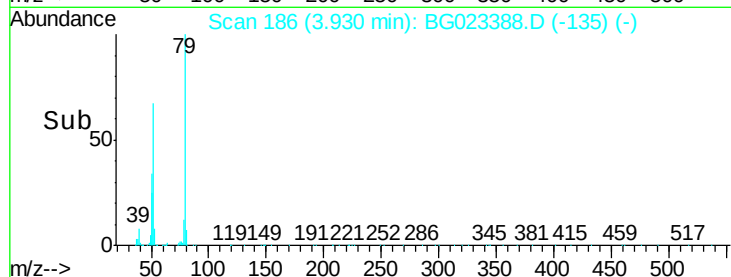
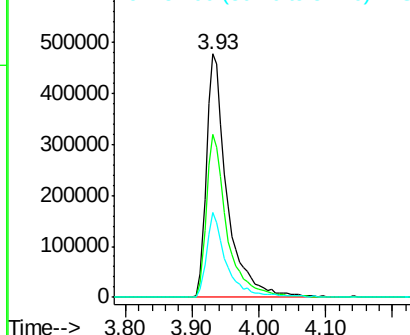
79 100

52 66.7 51.8 77.8

51 34.7 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: 63.99 ng

RT: 3.85 min Scan# 172

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

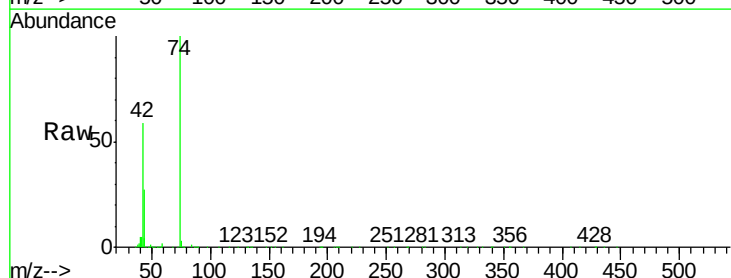
Tgt Ion: 42 Resp: 372877

Ion Ratio Lower Upper

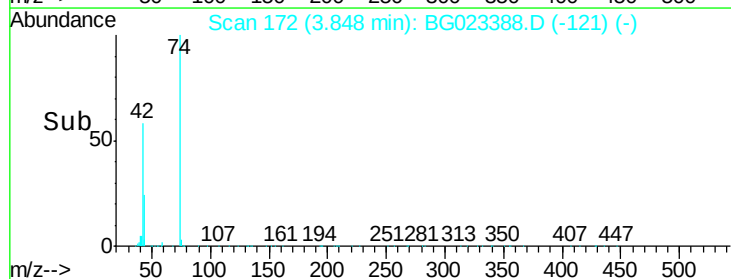
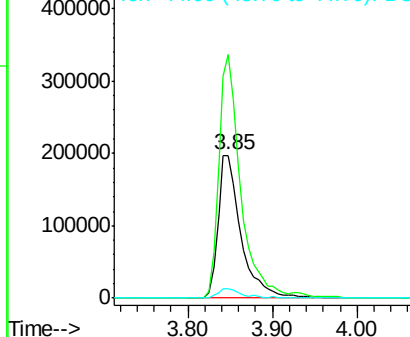
42 100

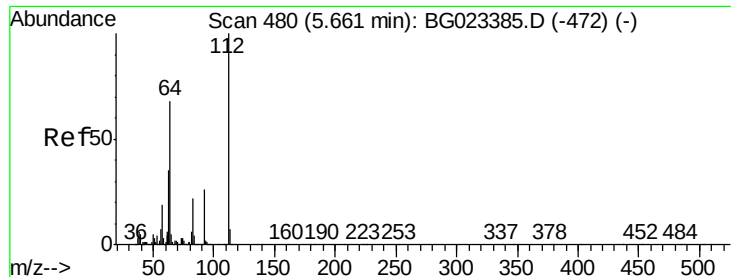
74 170.1 100.6 150.8#

44 7.0 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: 156.99 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

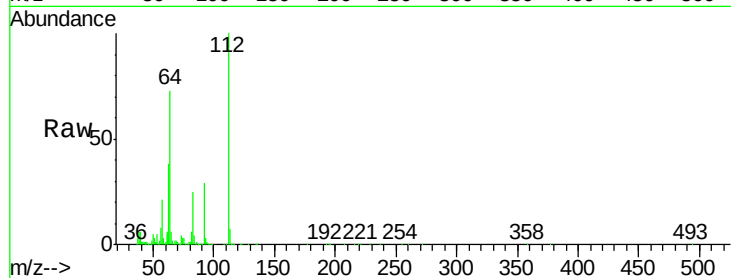
Tot Ion:112 Resp: 1348891

Ion Ratio Lower Upper

112 100

64 73.1 59.0 88.4

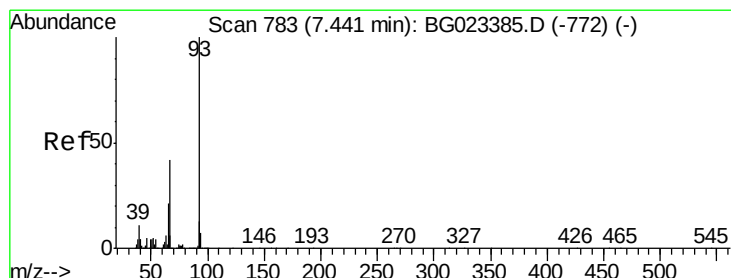
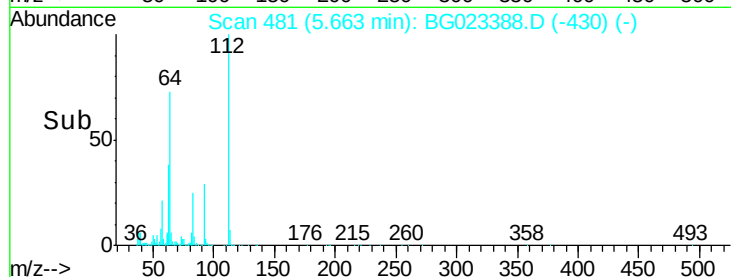
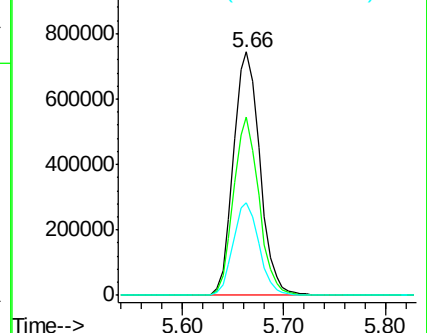
63 37.8 37.8 56.8#



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: 90.29 ng

RT: 7.44 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

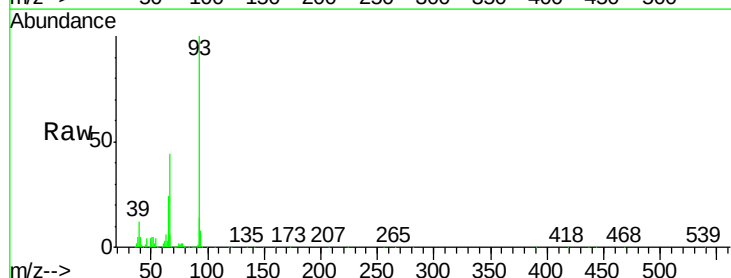
Tgt Ion: 93 Resp: 1590921

Ion Ratio Lower Upper

93 100

66 44.4 37.5 56.3

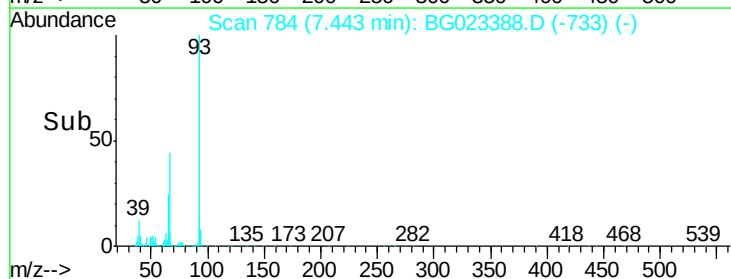
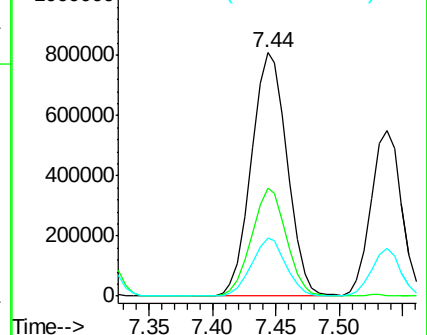
65 23.7 17.9 26.9

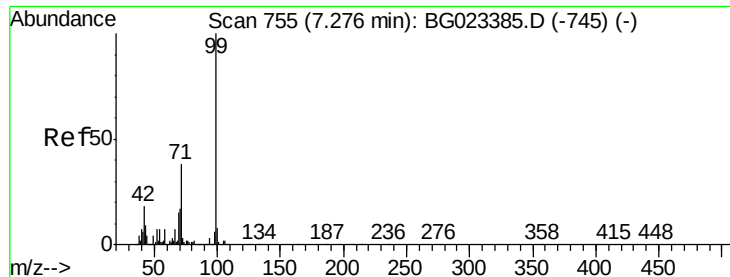


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 161.98 ng

RT: 7.28 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

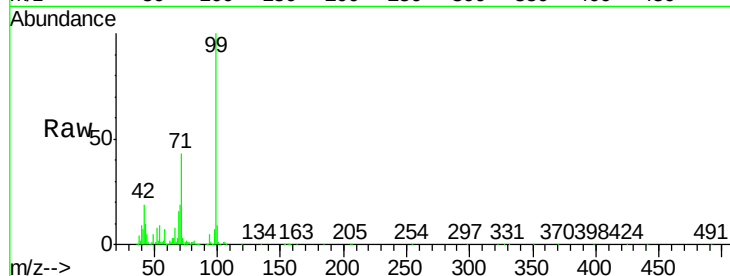
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 2136741

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.8	26.6
71	42.6	41.5	62.3

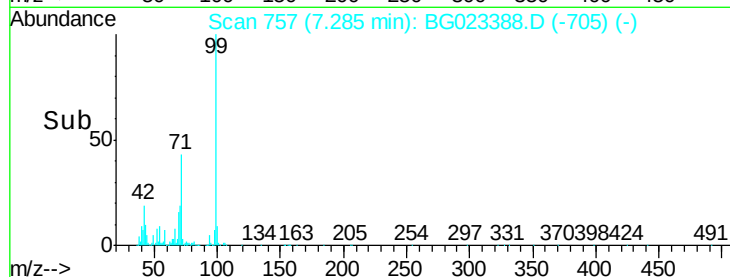


Abundance

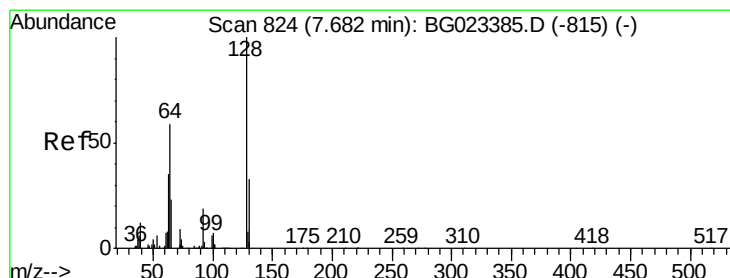
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 82.93 ng

RT: 7.68 min Scan# 825

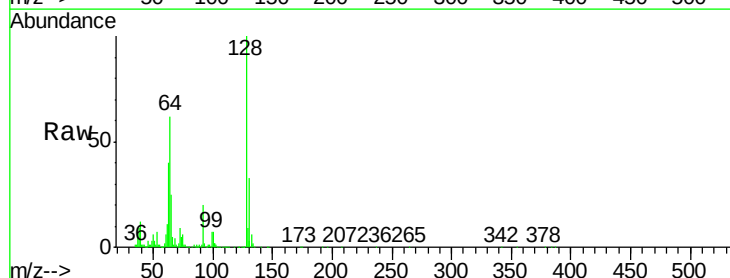
Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Tgt Ion: 128 Resp: 795023

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.9	52.9
64	61.6	42.0	82.0

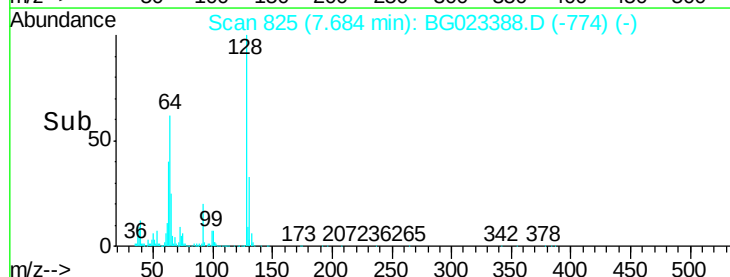


Abundance

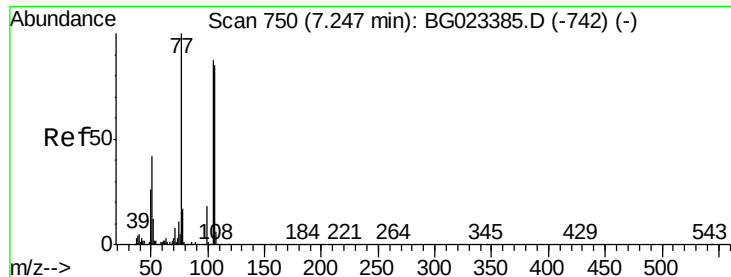
Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->



#9

Benzaldehyde

Concen: 54.78 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

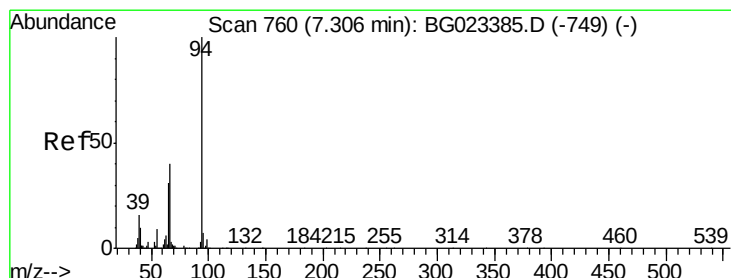
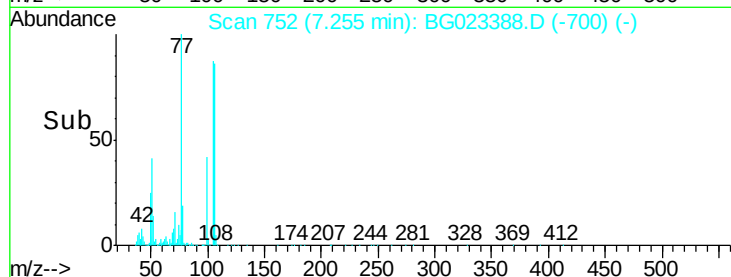
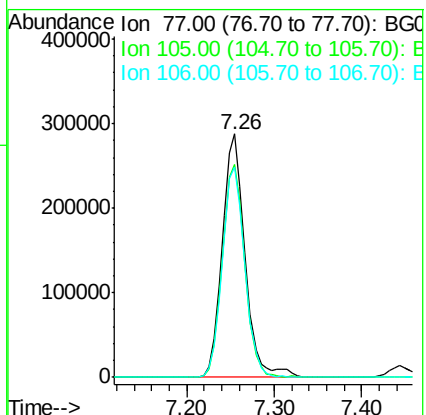
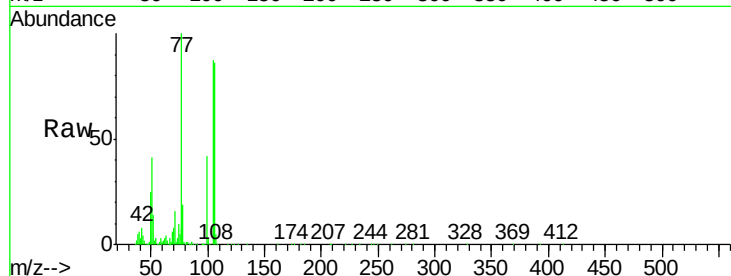
Tot Ion: 77 Resp: 519033

Ion Ratio Lower Upper

77 100

105 87.3 58.7 98.7

106 86.5 67.5 107.5



#10

Phenol

Concen: 84.02 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

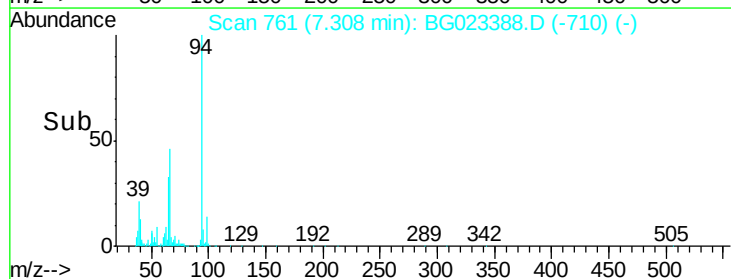
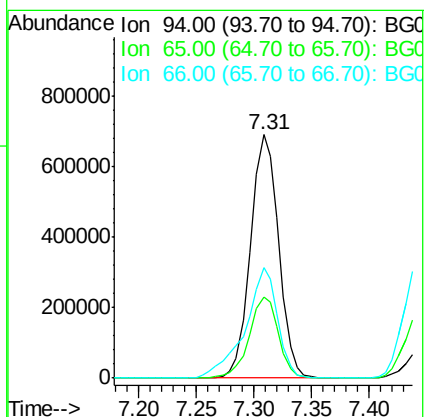
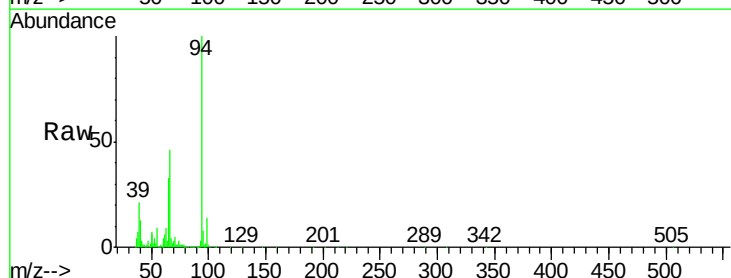
Tgt Ion: 94 Resp: 1169544

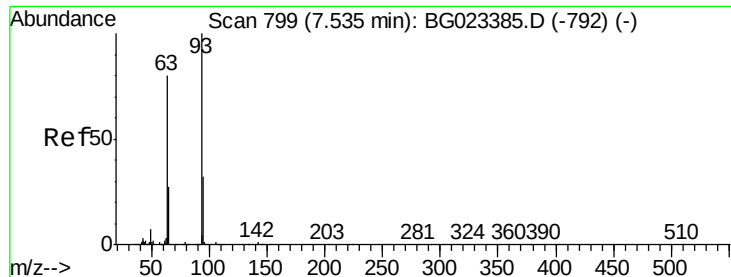
Ion Ratio Lower Upper

94 100

65 33.5 18.1 58.1

66 45.6 42.1 82.1

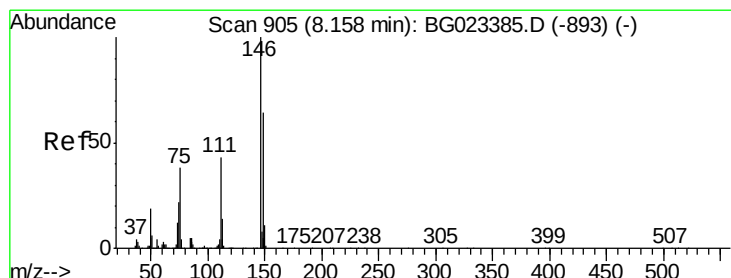
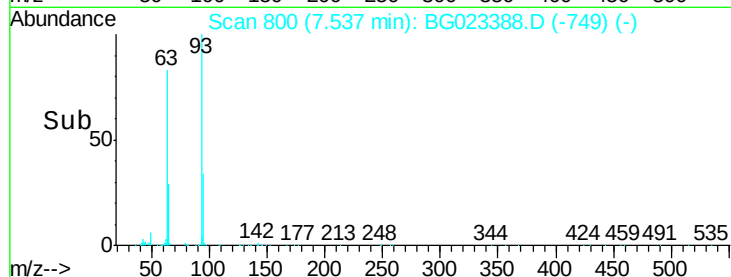
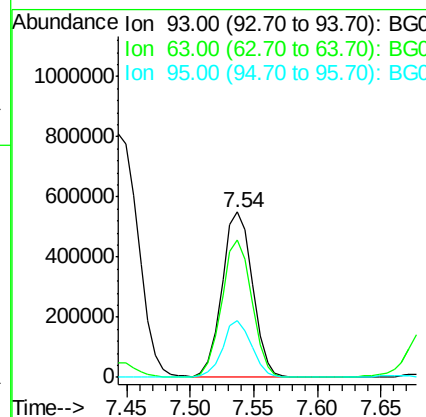
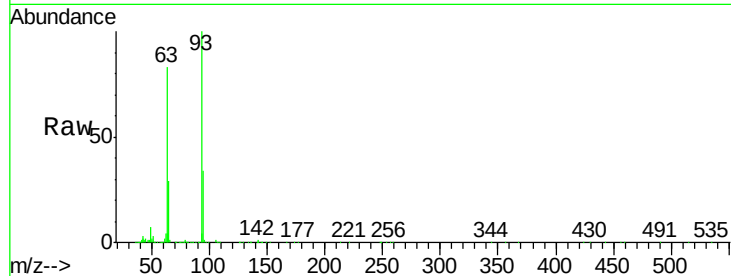




#11
bis(2-Chloroethyl)ether
Concen: 77.71 ng
RT: 7.54 min Scan# 800
Delta R.T. 0.00 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

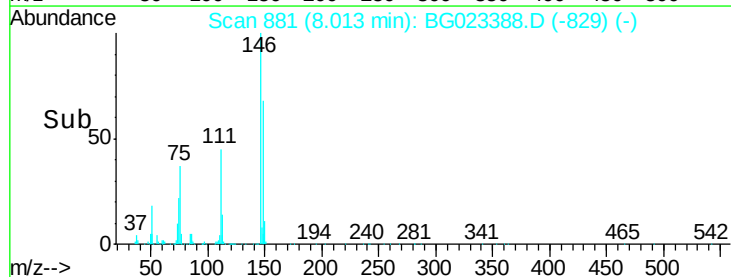
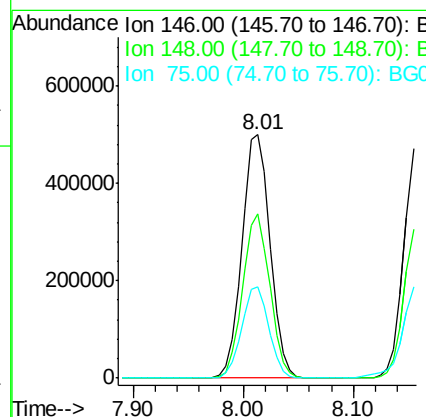
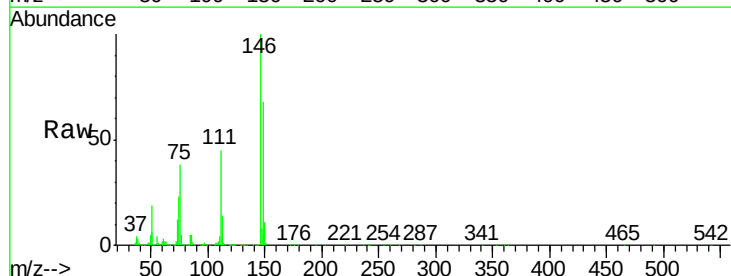
Instrument :
BNA_G
ClientSampleId :

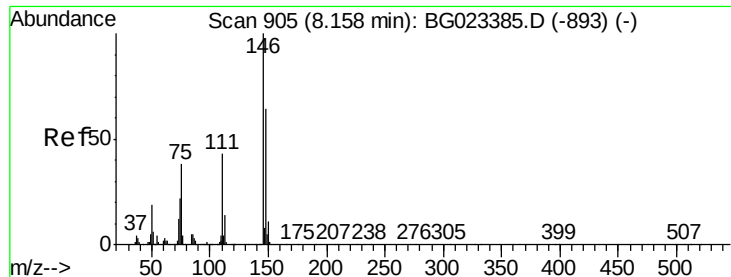
Tot Ion: 93 Resp: 919364
Ion Ratio Lower Upper
93 100
63 83.1 55.0 95.0
95 34.1 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 82.63 ng
RT: 8.01 min Scan# 881
Delta R.T. 0.01 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

Tgt Ion: 146 Resp: 892711
Ion Ratio Lower Upper
146 100
148 67.6 50.3 75.5
75 37.7 37.0 55.6

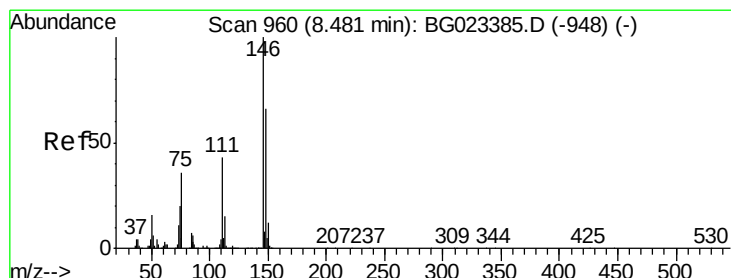
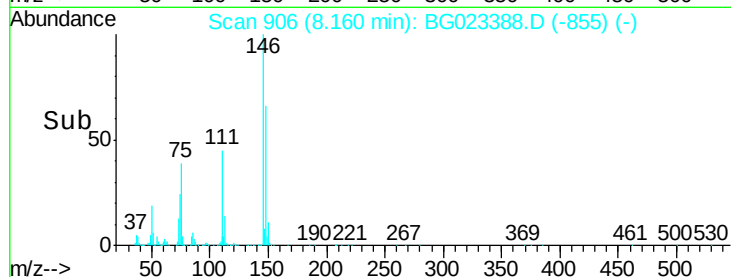
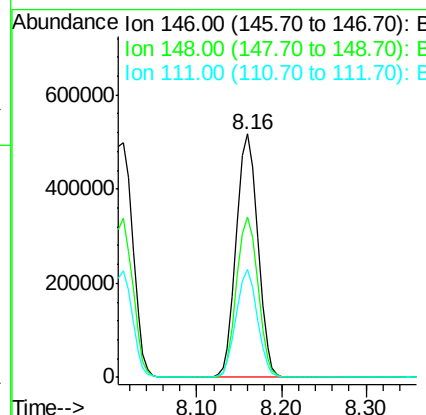
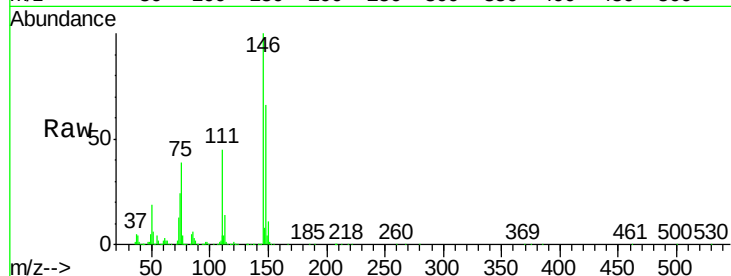




#13
 1,4-Dichlorobenzene
 Concen: 82.27 ng
 RT: 8.16 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

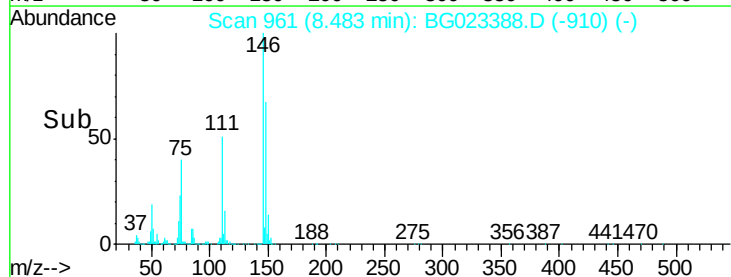
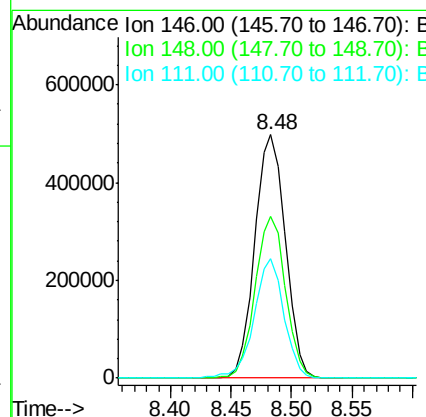
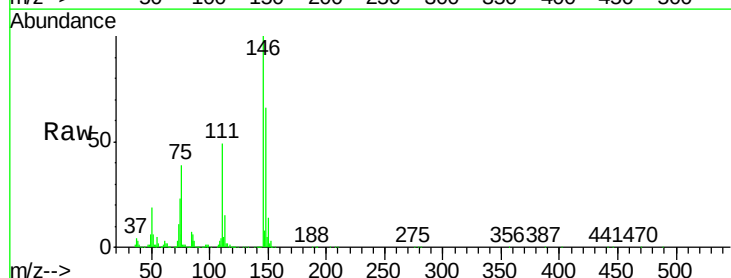
Instrument :
 BNA_G
 ClientSampleId :

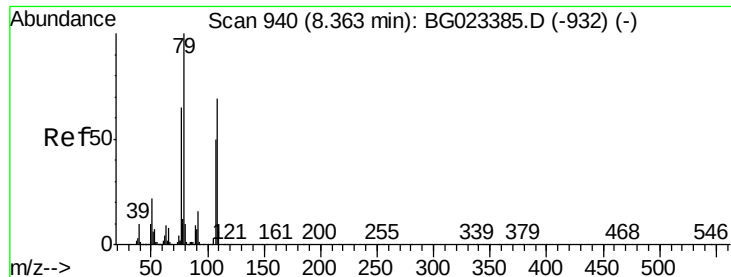
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	54.5	81.7
111	44.5	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 82.55 ng
 RT: 8.48 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.9	79.3
111	49.2	43.5	65.3





#15

Benzyl Alcohol

Concen: 102.25 ng

RT: 8.37 min Scan# 941

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

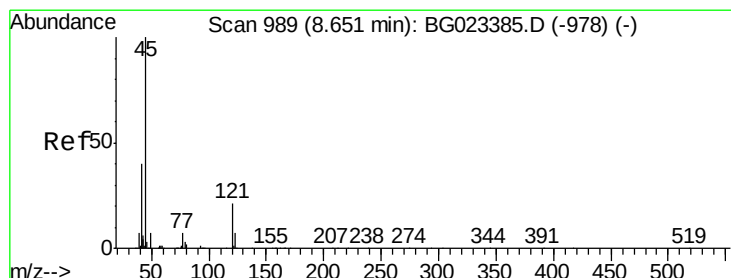
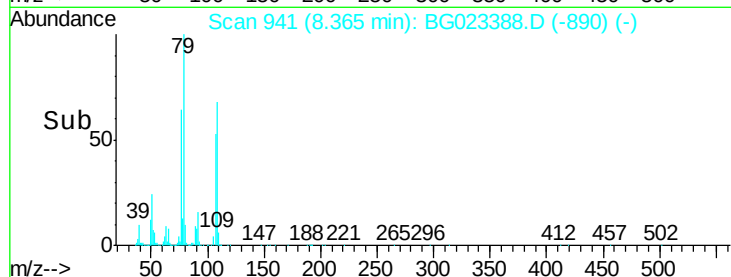
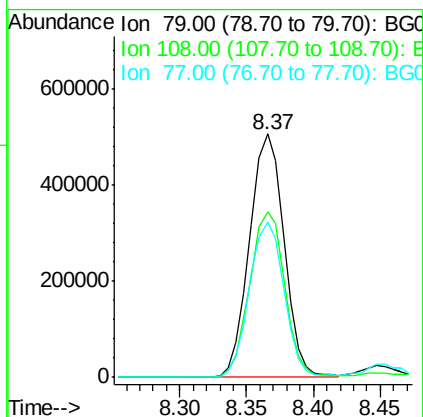
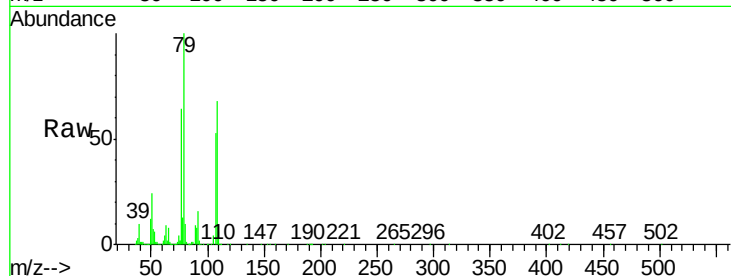
Tot Ion: 79 Resp: 907753

Ion Ratio Lower Upper

79 100

108 68.2 46.5 69.7

77 63.8 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.61 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

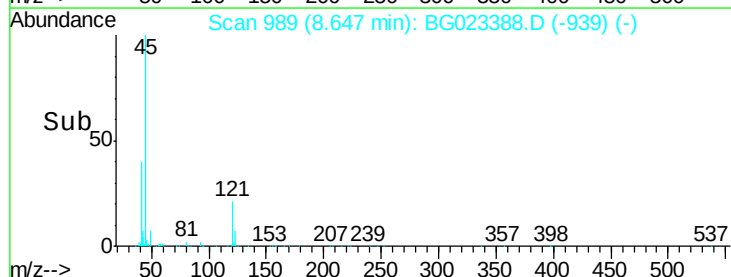
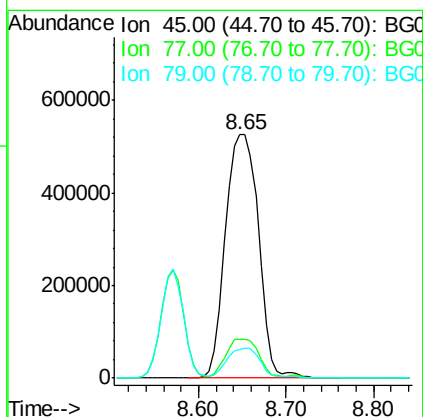
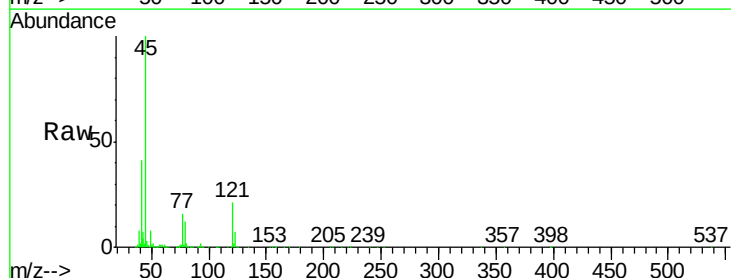
Tgt Ion: 45 Resp: 1348086

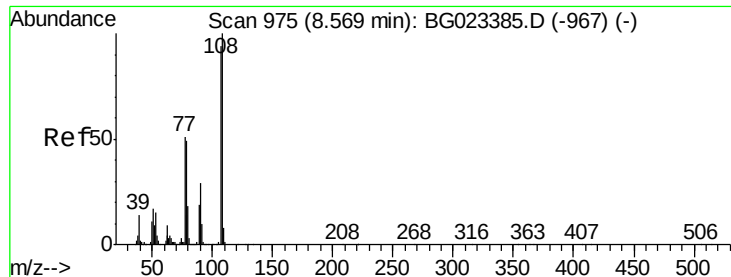
Ion Ratio Lower Upper

45 100

77 16.1 0.6 40.6

79 11.9 0.0 36.2





#17

2-Methylphenol

Concen: 83.82 ng

RT: 8.57 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 797399

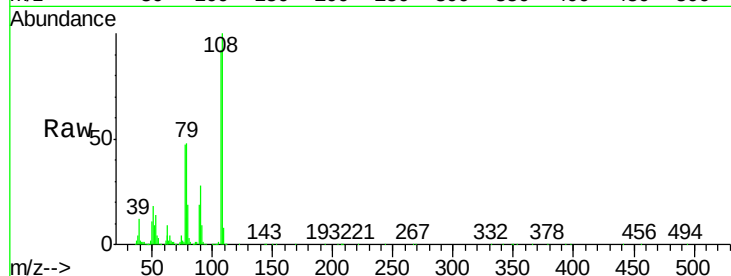
Ion Ratio Lower Upper

107 100

108 109.3 92.0 138.0

77 51.3 55.8 83.6#

79 51.9 55.0 82.6#

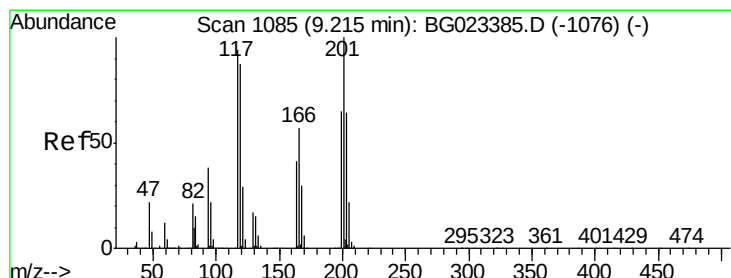
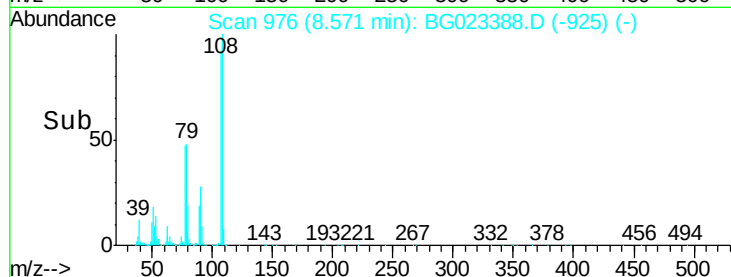
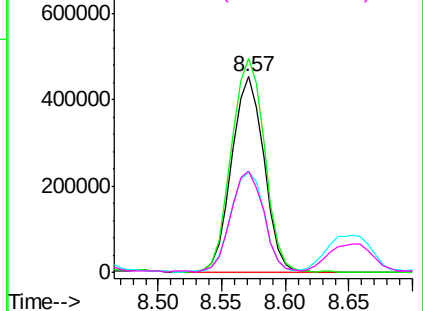


Abundance Ion 107.00 (106.70 to 107.70): E

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: 75.67 ng

RT: 9.22 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

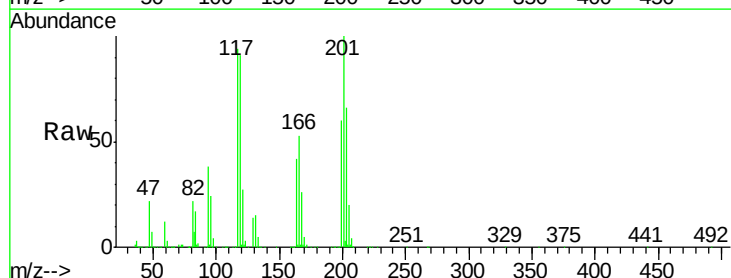
Tgt Ion:117 Resp: 347461

Ion Ratio Lower Upper

117 100

119 97.3 73.7 110.5

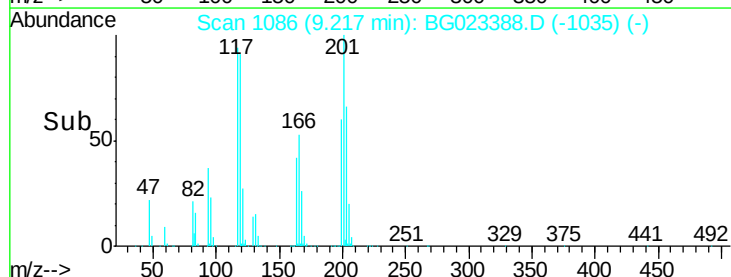
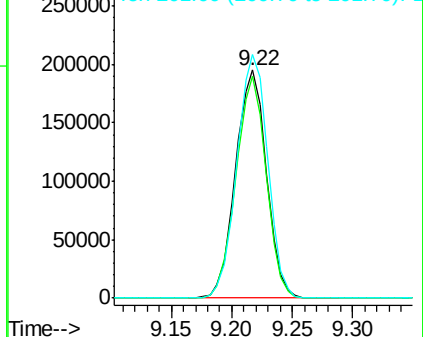
201 106.9 88.7 133.1

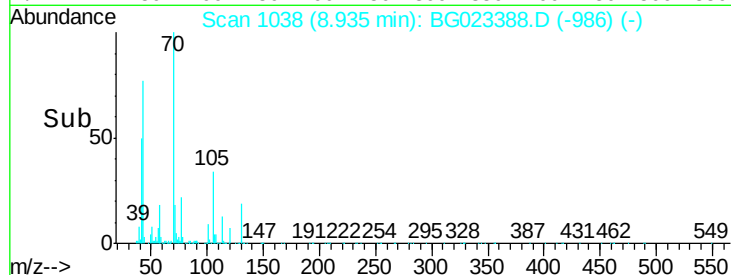
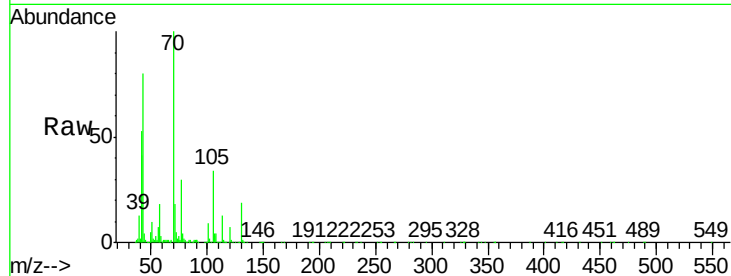
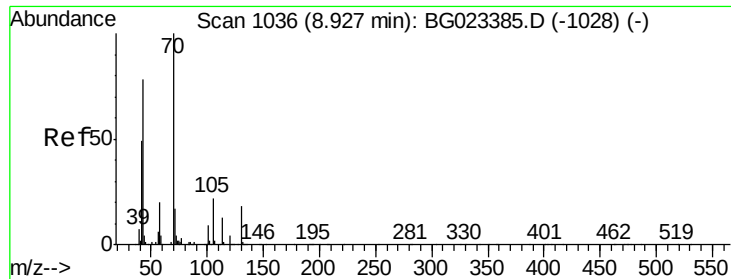


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

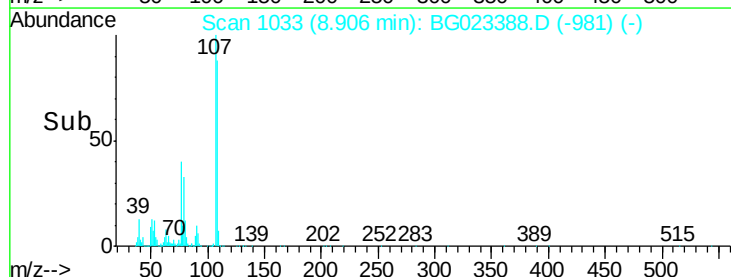
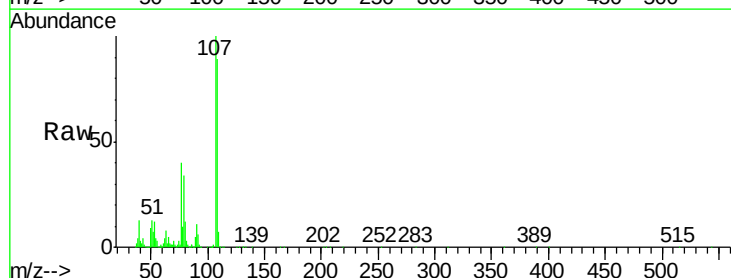
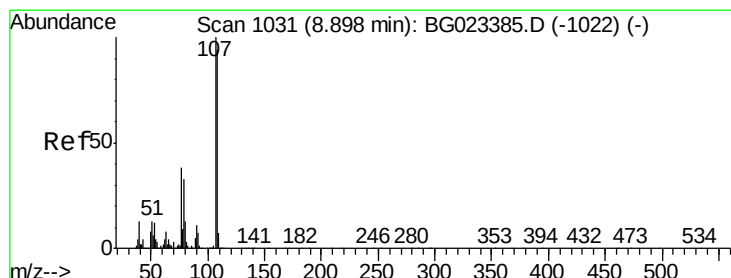
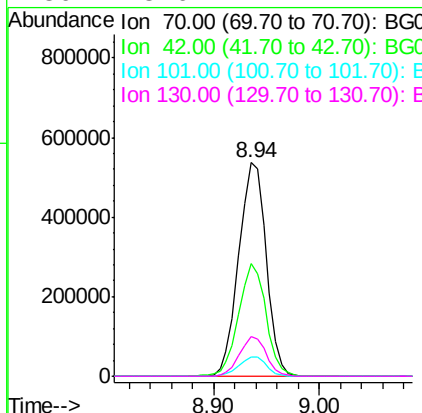




#19
n-Nitroso-di-n-propylamine
Concen: 81.46 ng
RT: 8.94 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

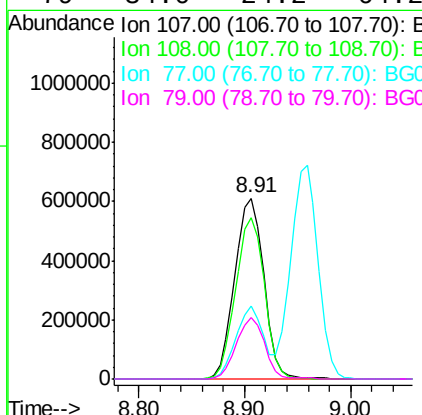
Instrument :
BNA_G
ClientSampleId :

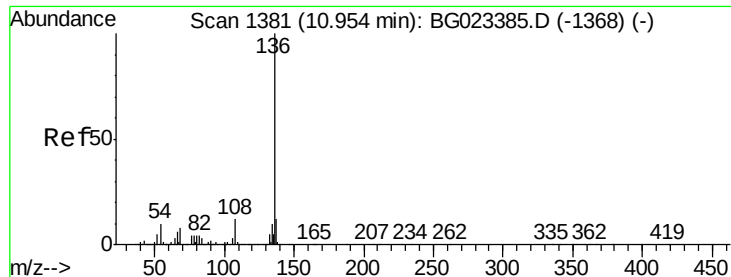
Tot Ion:	70	Resp:	966560
Ion	Ratio	Lower	Upper
70	100		
42	52.7	42.1	63.1
101	9.0	7.2	10.8
130	18.6	14.2	21.2



#20
3+4-Methylphenols
Concen: 89.79 ng
RT: 8.91 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

Tgt Ion:	107	Resp:	1161430
Ion	Ratio	Lower	Upper
107	100		
108	89.2	72.5	112.5
77	40.4	30.1	70.1
79	34.0	24.2	64.2

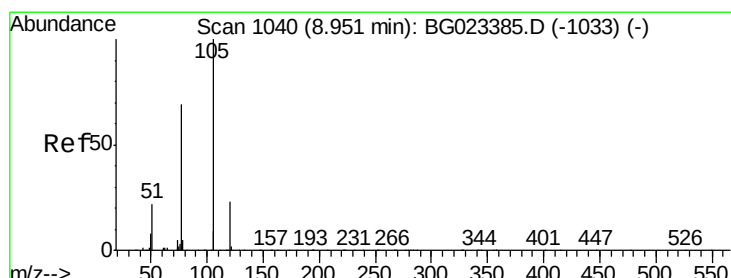
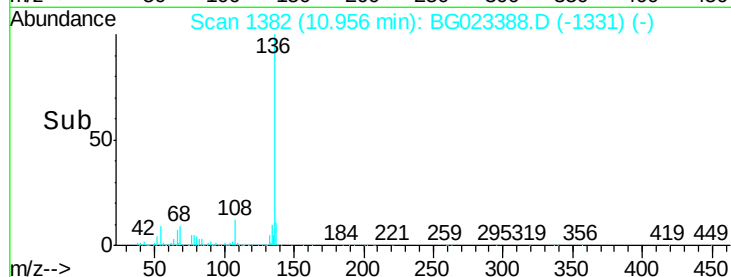
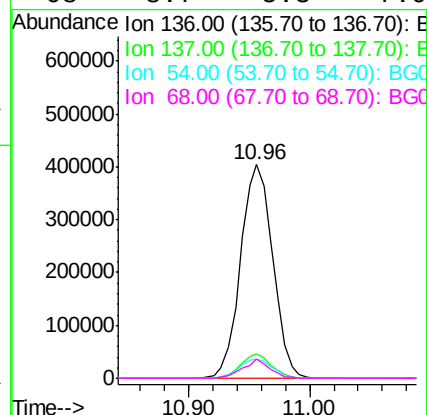
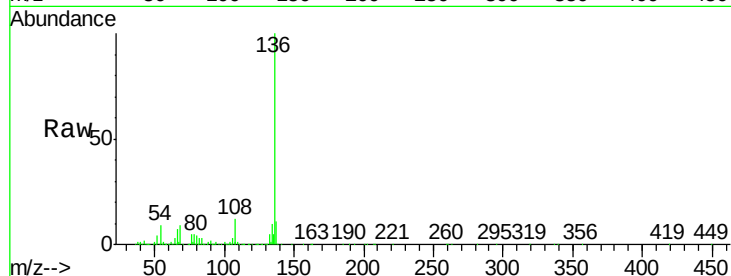




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

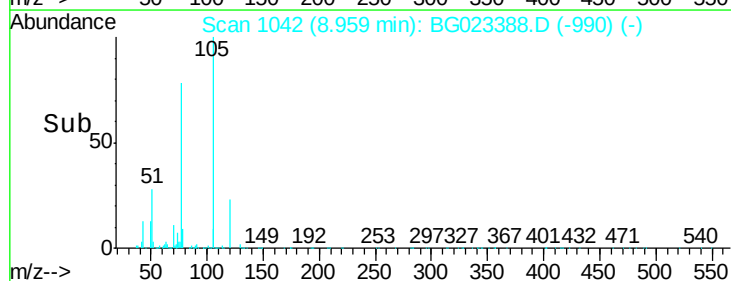
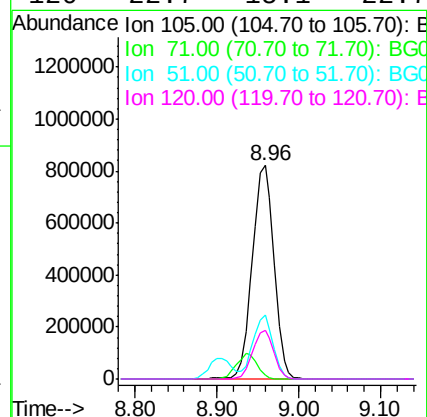
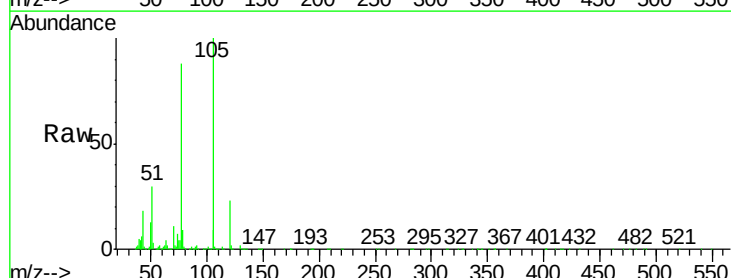
Instrument :
BNA_G
ClientSampleId :

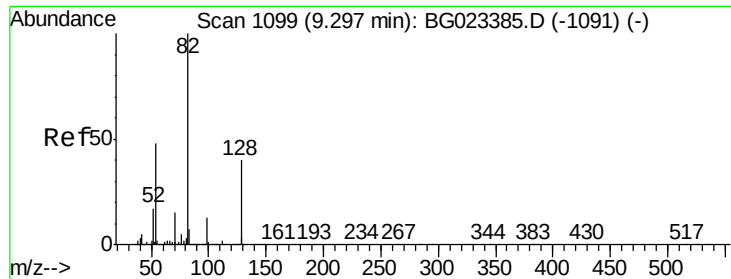
Tot Ion:136	Resp:	747869
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.6	14.4
54 9.2	7.3	10.9
68 8.7	5.3	7.9#



#22
Acetophenone
Concen: 77.95 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

Tgt	Ion:105	Resp:	1522004
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.6	3.8#
51	30.0	27.1	40.7
120	22.7	15.1	22.7#

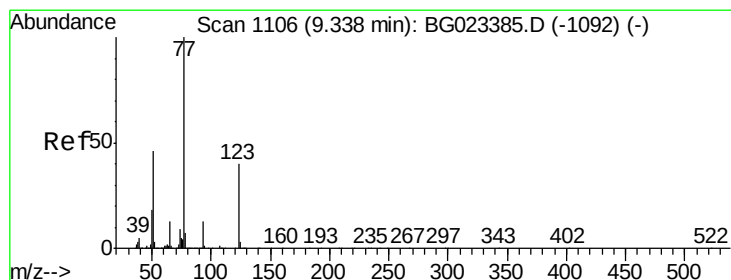
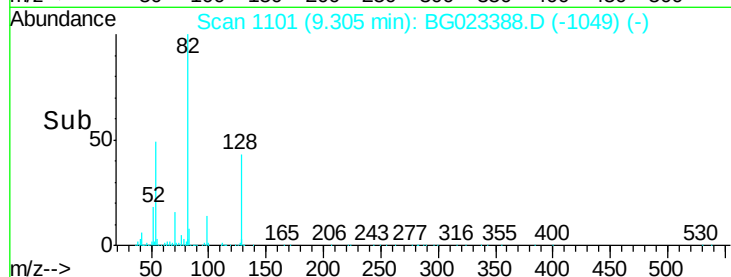
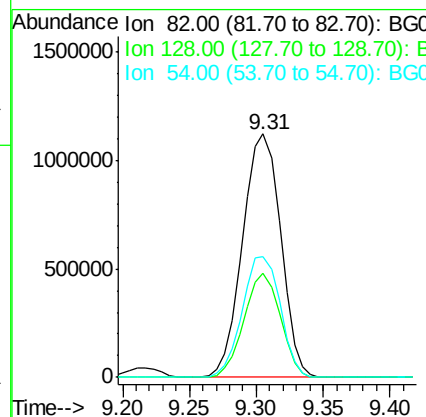
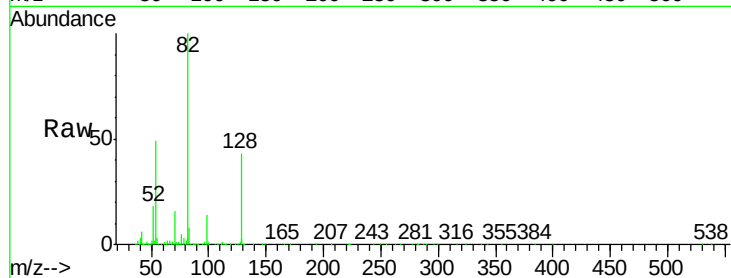




#23
 Nitrobenzene-d5
 Concen: 145.22 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

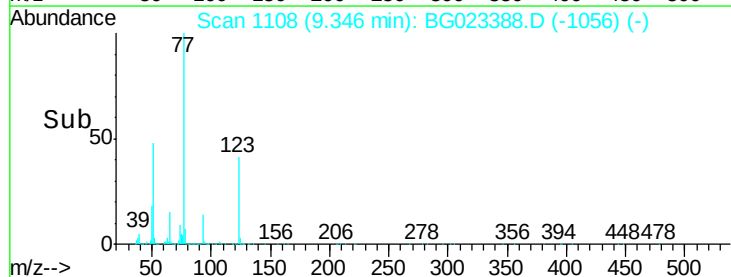
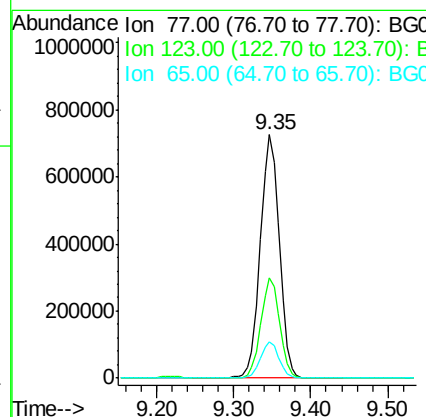
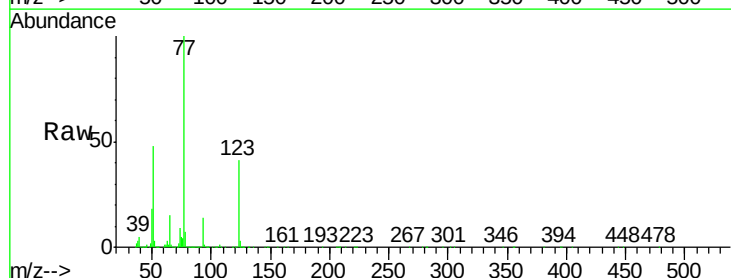
Instrument :
 BNA_G
 ClientSampleId :

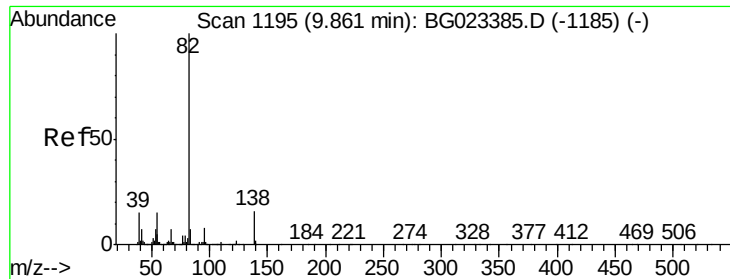
Tot Ion: 82 Resp: 2220930
 Ion Ratio Lower Upper
 82 100
 128 42.6 24.4 36.6#
 54 49.4 41.4 62.0



#24
 Nitrobenzene
 Concen: 71.01 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Tgt Ion: 77 Resp: 1261132
 Ion Ratio Lower Upper
 77 100
 123 41.0 25.0 37.6#
 65 14.7 13.4 20.0





#25

Isophorone

Concen: 74.78 ng

RT: 9.87 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

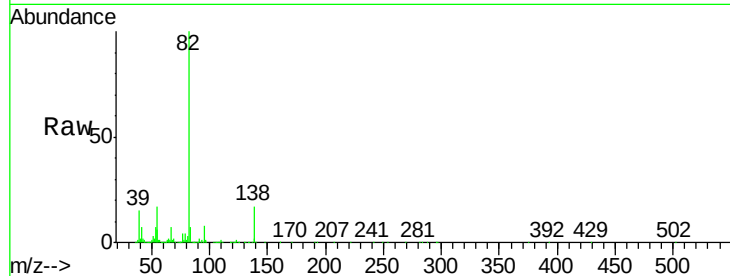
Tot Ion: 82 Resp: 2362250

Ion Ratio Lower Upper

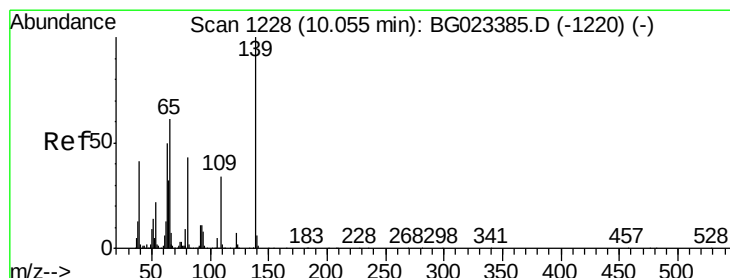
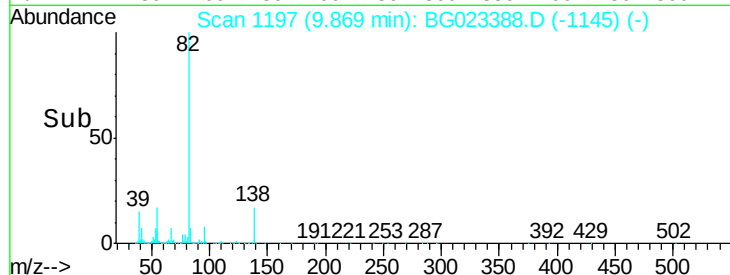
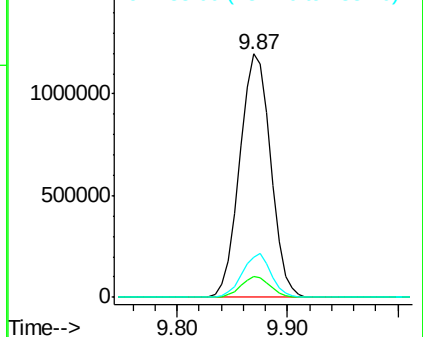
82 100

95 8.4 8.2 12.2

138 16.7 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: 84.87 ng

RT: 10.06 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

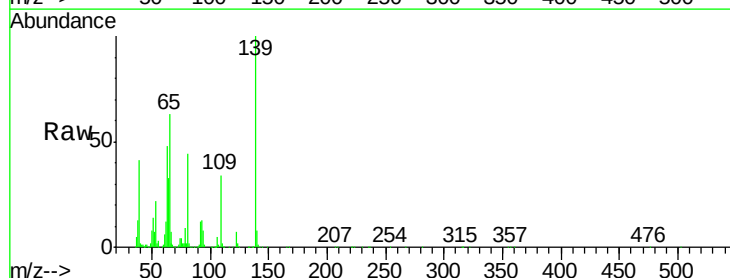
Tgt Ion: 139 Resp: 569308

Ion Ratio Lower Upper

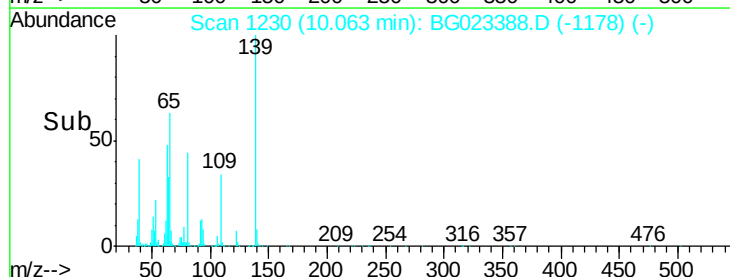
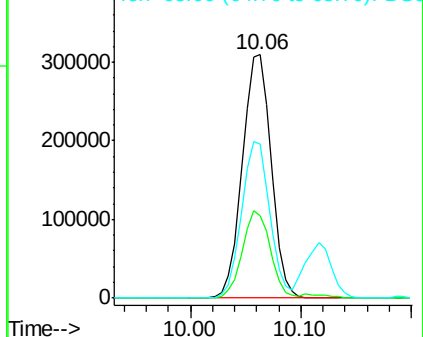
139 100

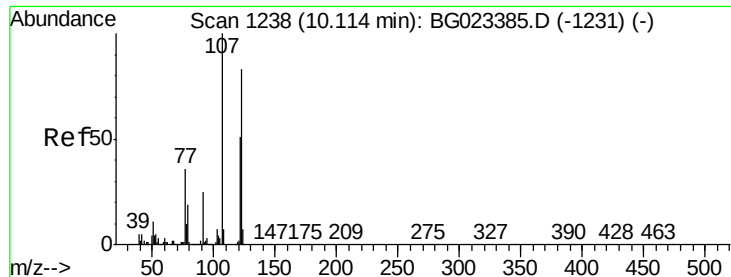
109 33.6 43.5 65.3#

65 63.3 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

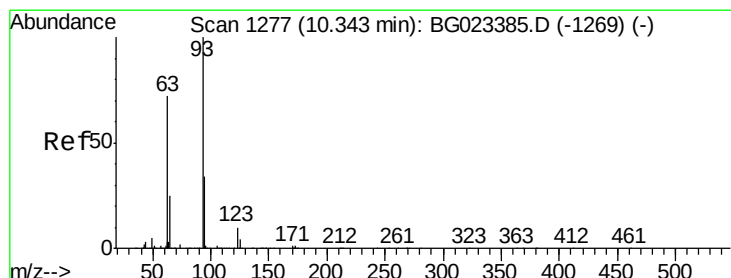
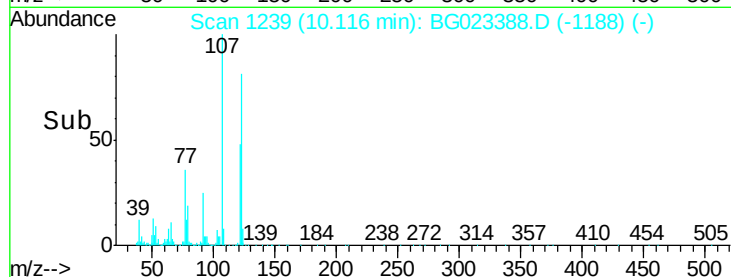
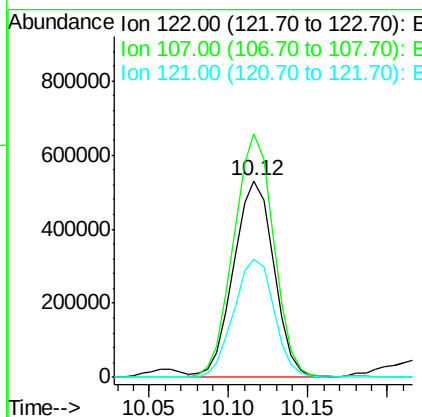
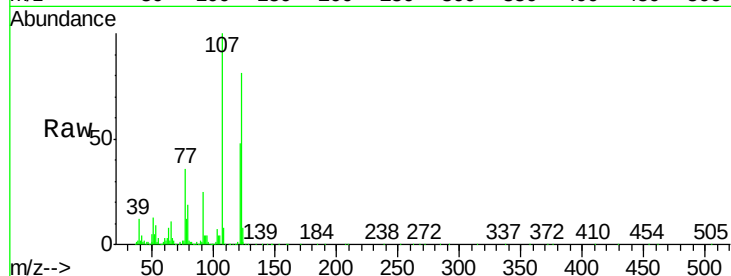




#27
 2,4-Dimethylphenol
 Concen: 82.24 ng
 RT: 10.12 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

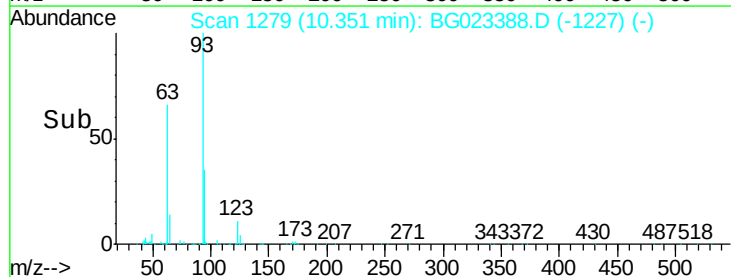
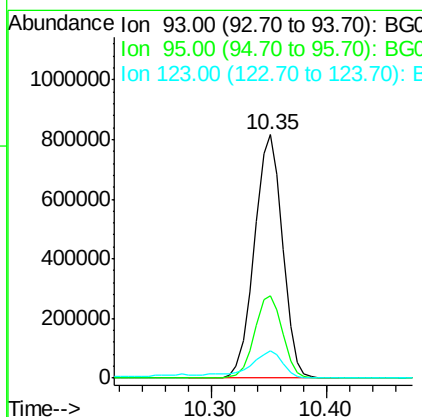
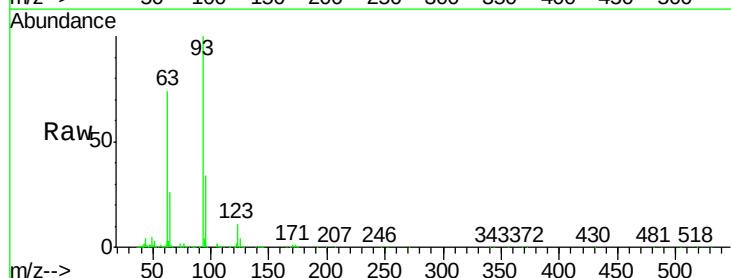
Instrument :
 BNA_G
 ClientSampled :

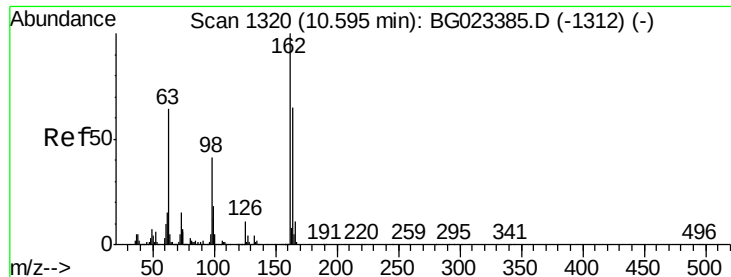
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	117.0	175.4
121	60.0	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 77.83 ng
 RT: 10.35 min Scan# 1279
 Delta R.T. 0.01 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.4	38.2
123	11.0	8.2	12.2

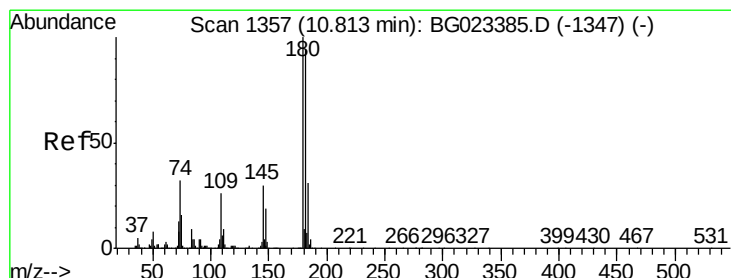
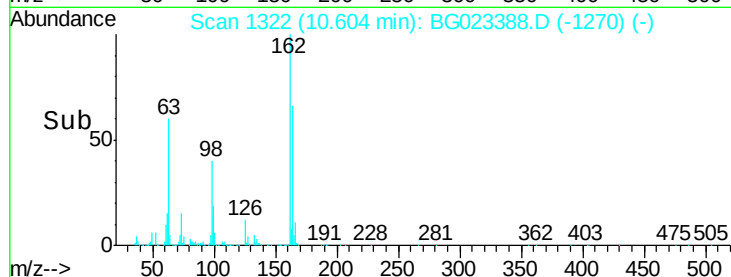
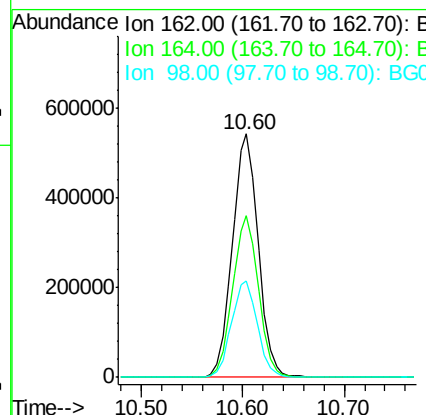
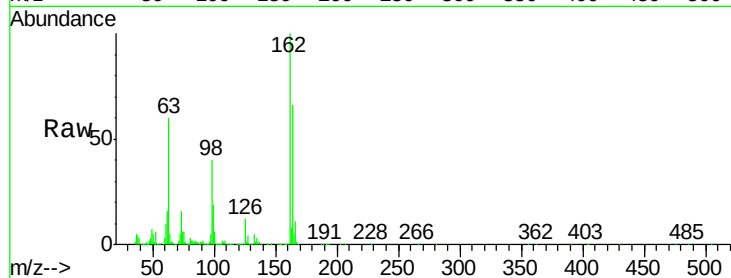




#29
 2,4-Dichlorophenol
 Concen: 87.68 ng
 RT: 10.60 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

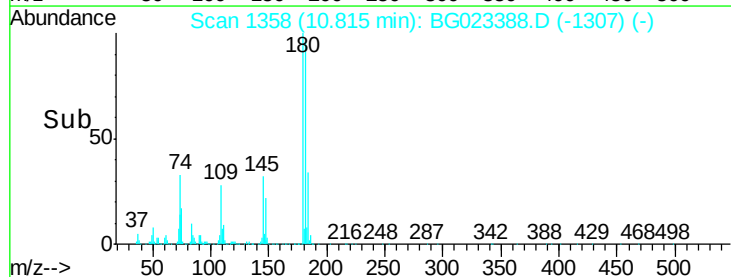
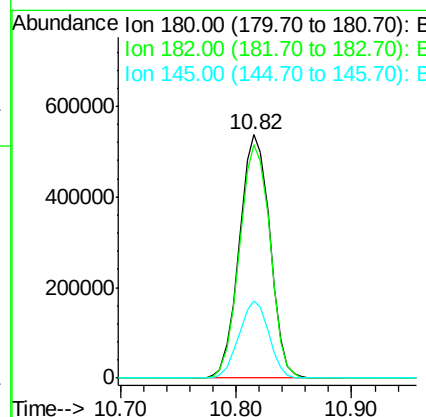
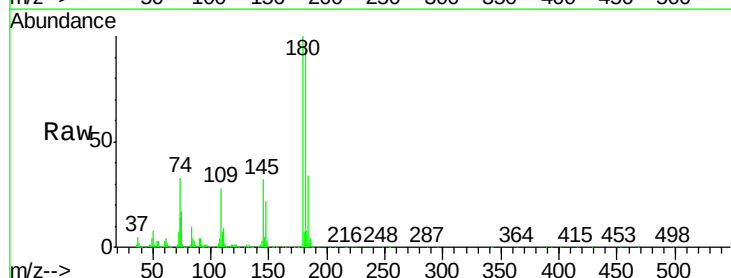
Instrument :
 BNA_G
 ClientSampleId :

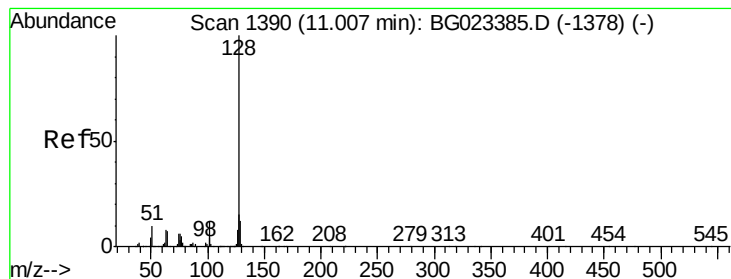
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	44.3	84.3
98	39.8	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 81.26 ng
 RT: 10.82 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	73.8	110.8
145	31.8	24.4	36.6





#31

Naphthalene

Concen: 76.80 ng

RT: 11.01 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

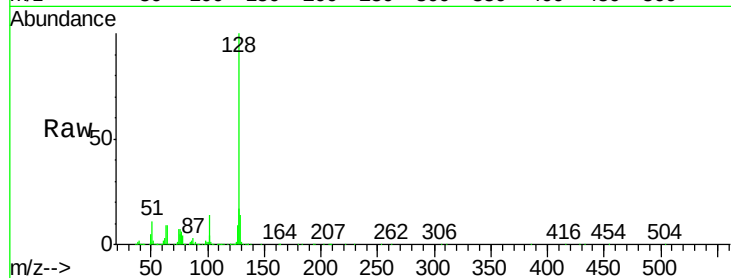
Tot Ion:128 Resp: 2668705

Ion Ratio Lower Upper

128 100

129 13.8 9.4 14.0

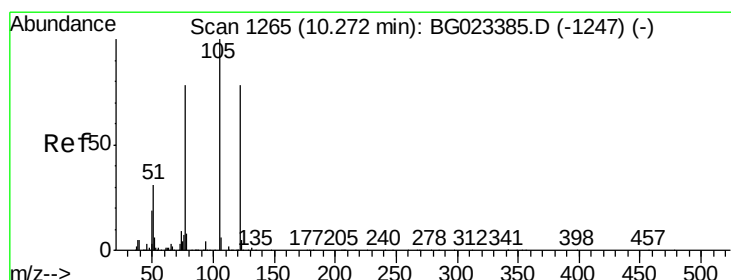
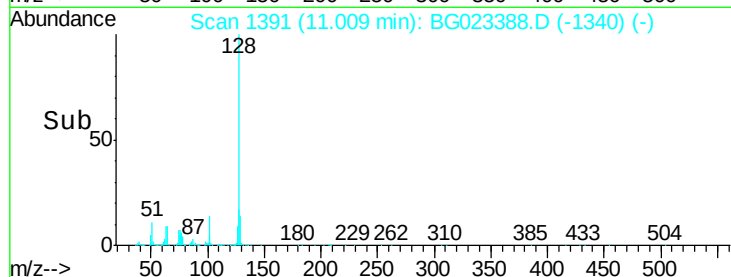
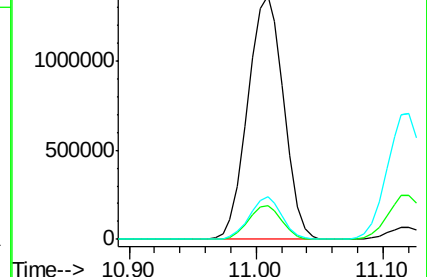
127 17.4 11.3 16.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 116.77 ng

RT: 10.32 min Scan# 1274

Delta R.T. 0.05 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

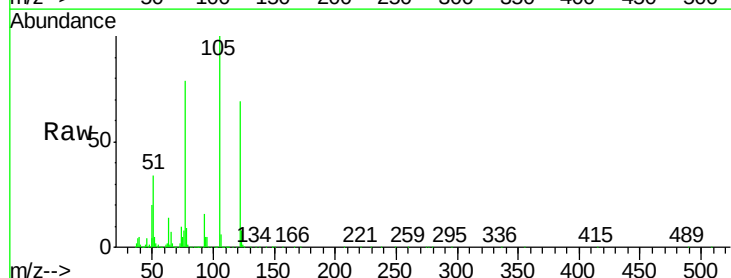
Tgt Ion:122 Resp: 936687

Ion Ratio Lower Upper

122 100

105 144.1 117.2 157.2

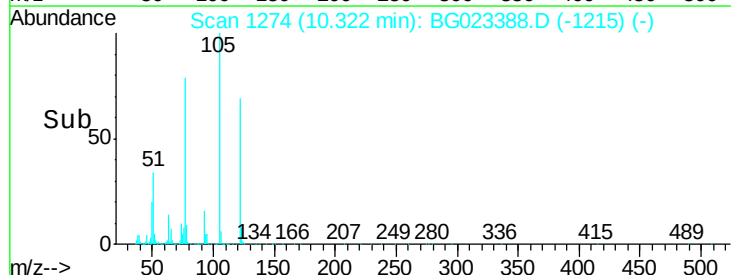
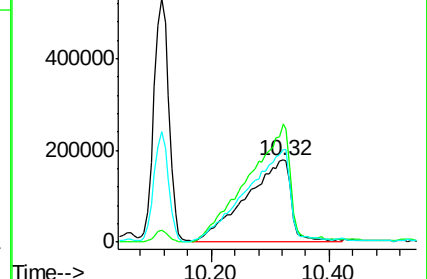
77 113.4 109.2 149.2

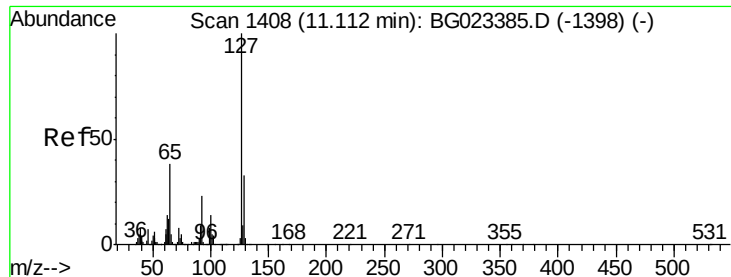


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG



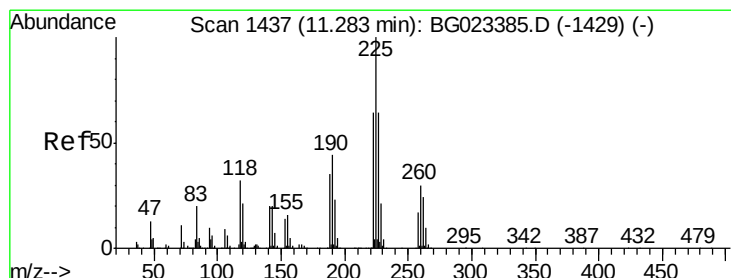
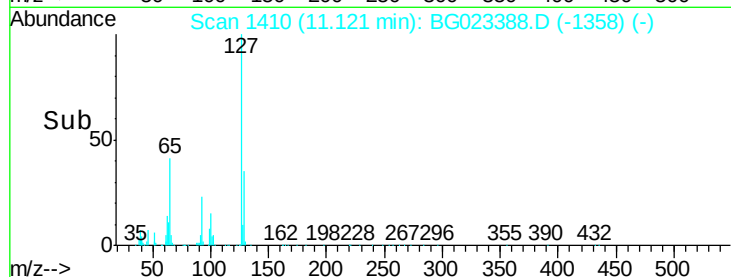
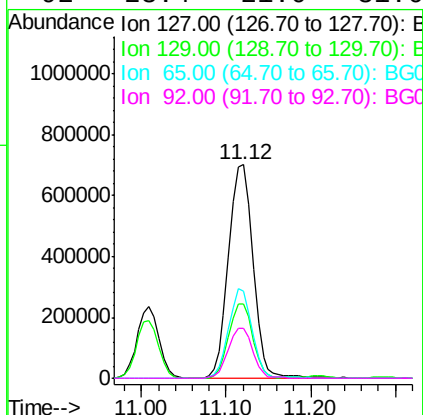
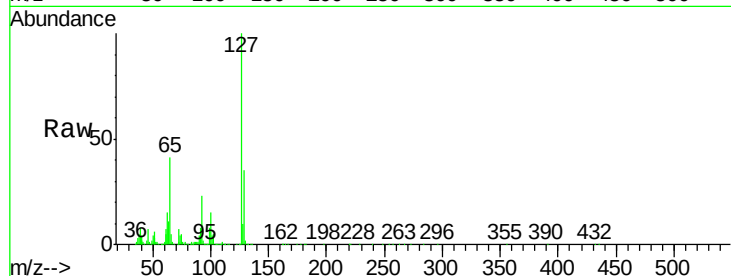


#33
4-Chloroaniline
Concen: 87.49 ng
RT: 11.12 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 1404512

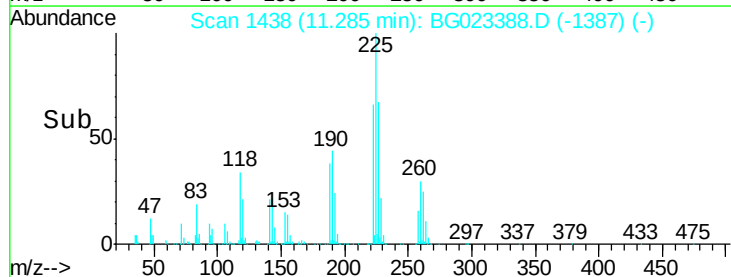
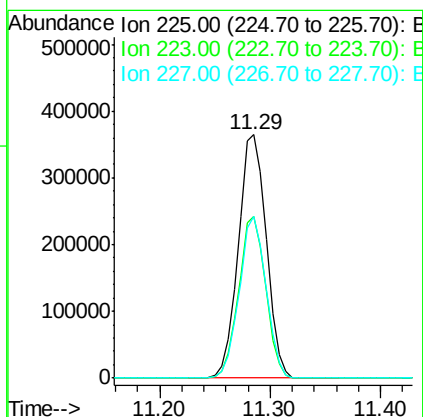
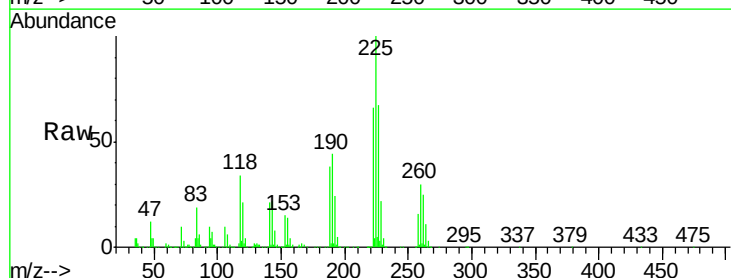
Ion	Ratio	Lower	Upper
127	100		
129	34.8	27.9	41.9
65	40.9	36.8	55.2
92	23.4	21.0	31.6

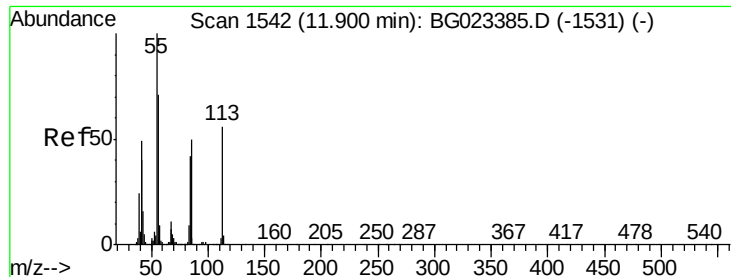


#34
Hexachlorobutadiene
Concen: 81.70 ng
RT: 11.29 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

Tgt Ion:225 Resp: 647718

Ion	Ratio	Lower	Upper
225	100		
223	66.4	49.6	74.4
227	66.6	54.5	81.7





#35

Caprolactam

Concen: 75.82 ng

RT: 11.93 min Scan# 1548

Delta R.T. 0.03 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

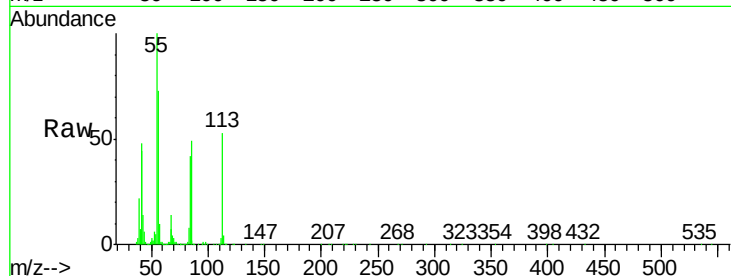
Tot Ion:113 Resp: 352920

Ion Ratio Lower Upper

113 100

55 188.8 154.5 194.5

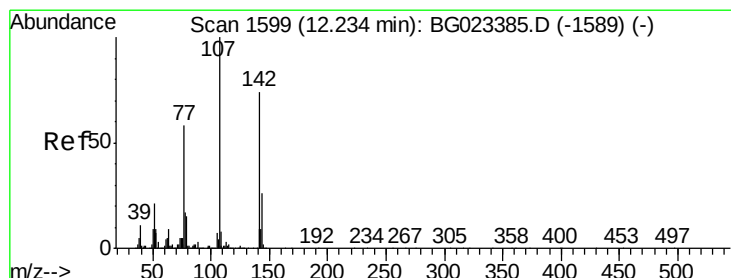
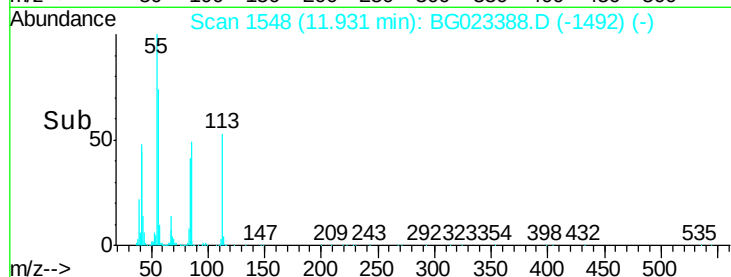
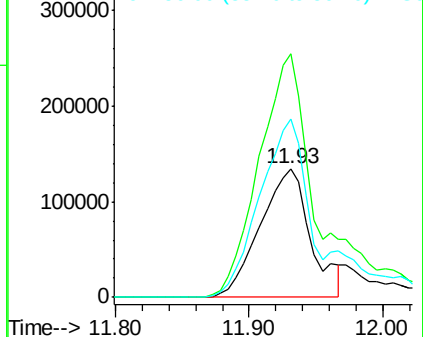
56 138.6 125.1 165.1



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: 84.73 ng

RT: 12.24 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

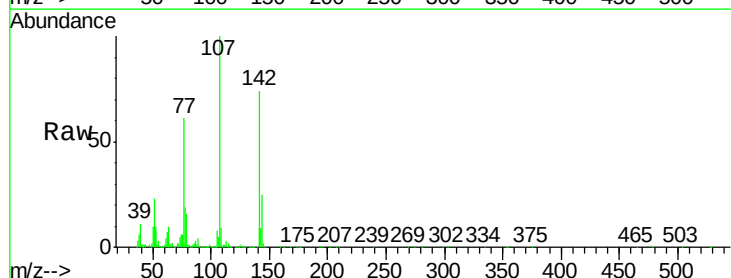
Tgt Ion:107 Resp: 1218504

Ion Ratio Lower Upper

107 100

144 25.2 17.0 25.6

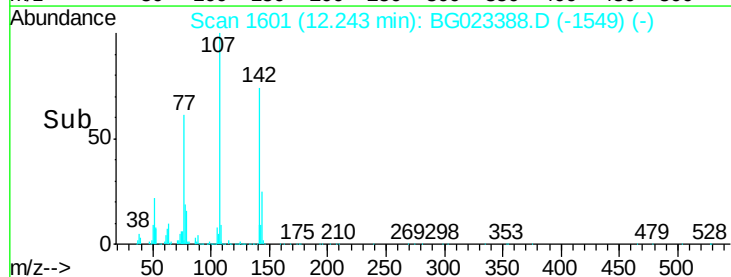
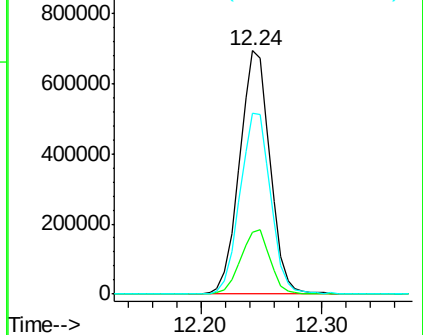
142 74.2 53.0 79.6

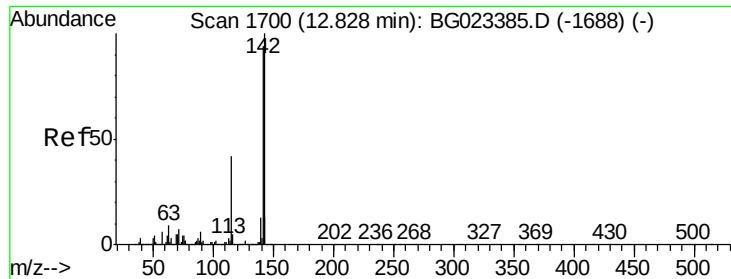


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 81.22 ng

RT: 12.61 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

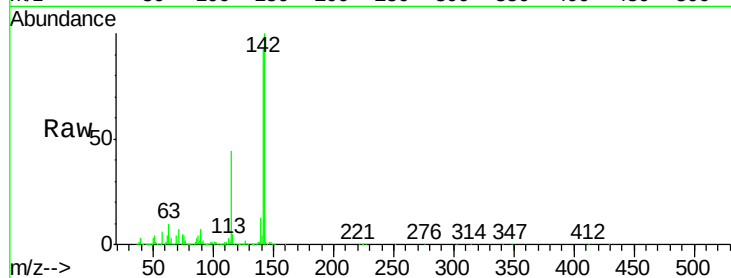
Instrument :

BNA_G

ClientSampled :

Tot Ion:142 Resp: 2092712

Ion	Ratio	Lower	Upper
142	100		
141	92.6	70.2	105.2
115	43.9	41.7	62.5

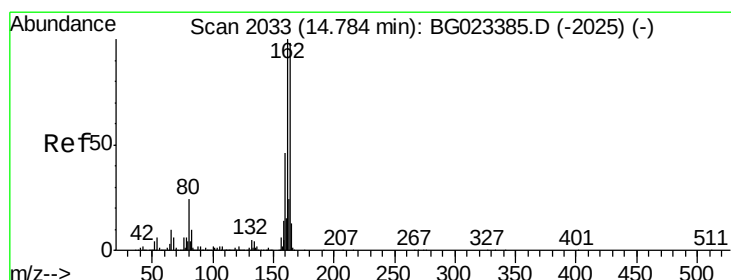
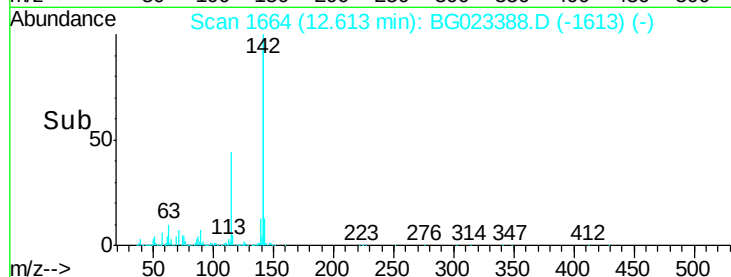
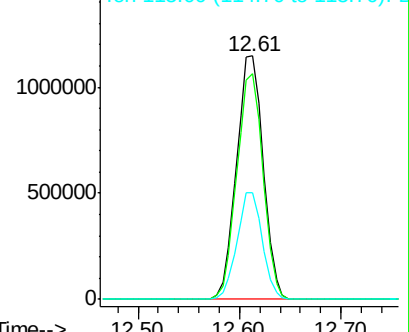


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

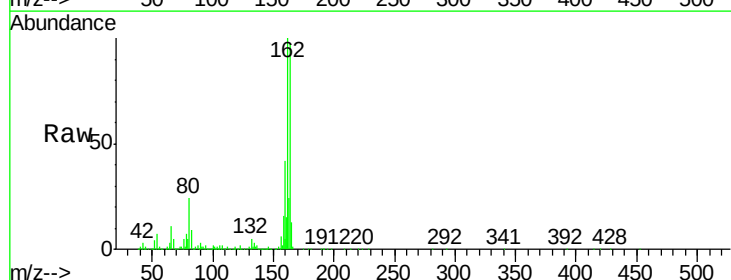
Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Tgt Ion:164 Resp: 522833

Ion	Ratio	Lower	Upper
164	100		
162	103.3	87.7	131.5
160	43.4	37.2	55.8

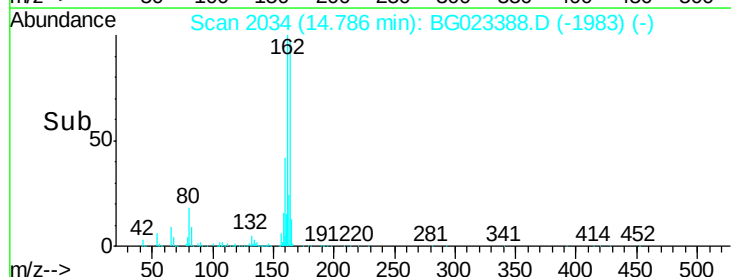
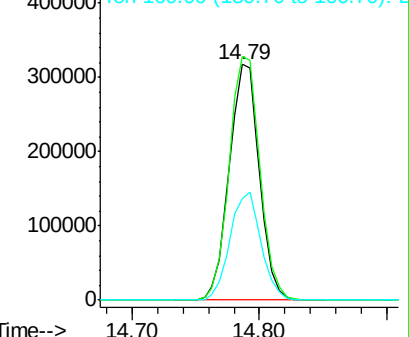


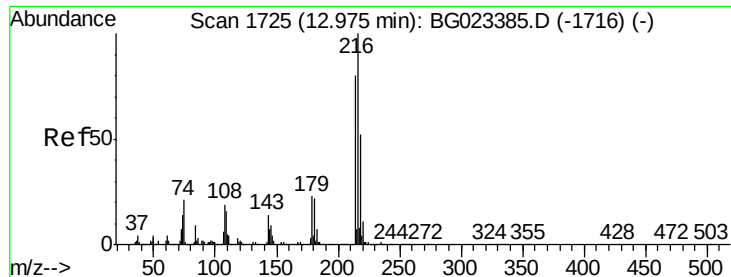
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

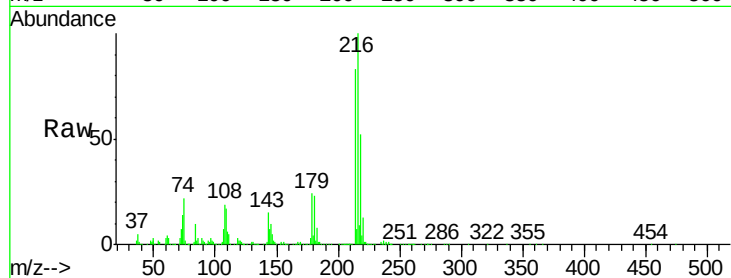




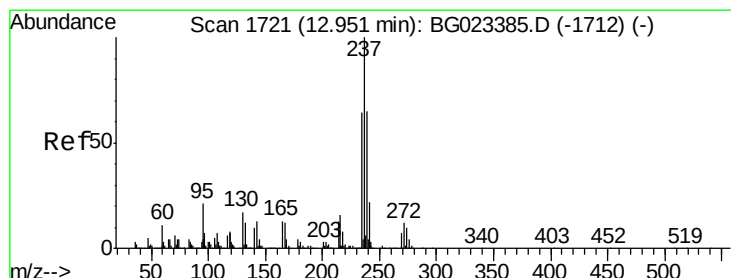
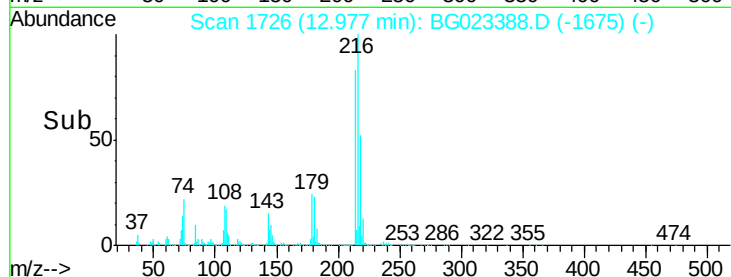
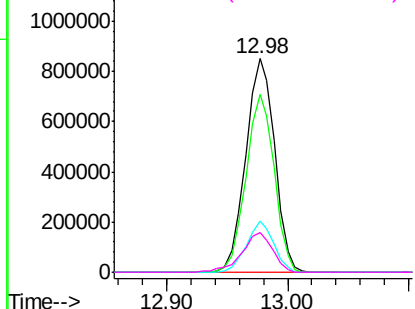
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 83.84 ng
 RT: 12.98 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216 Resp: 1419104
 Ion Ratio Lower Upper
 216 100
 214 81.1 62.9 94.3
 179 22.4 17.2 25.8
 108 19.8 16.3 24.5

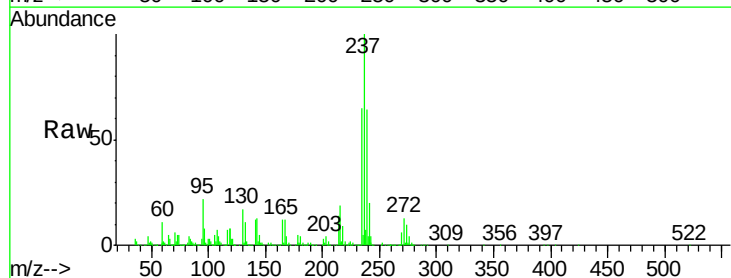


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

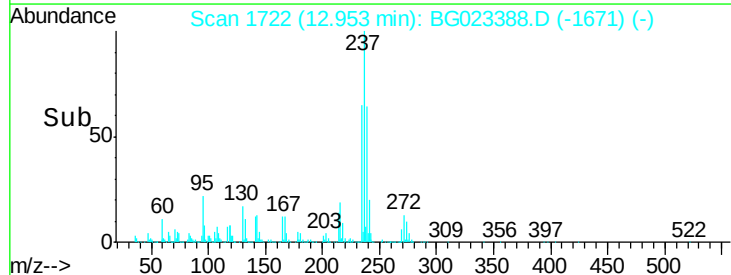
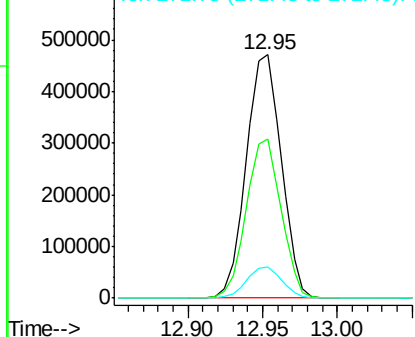


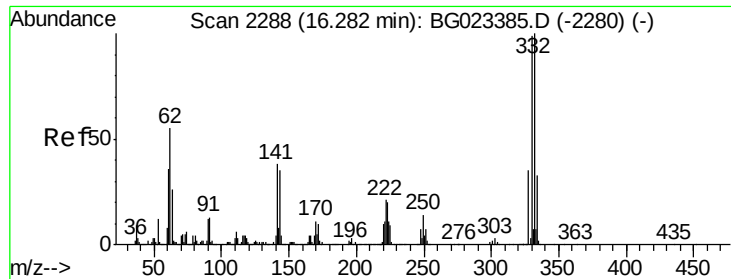
#40
 Hexachlorocyclopentadiene
 Concen: 95.37 ng
 RT: 12.95 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Tgt Ion:237 Resp: 764943
 Ion Ratio Lower Upper
 237 100
 235 65.1 43.1 83.1
 272 12.9 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 224.55 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

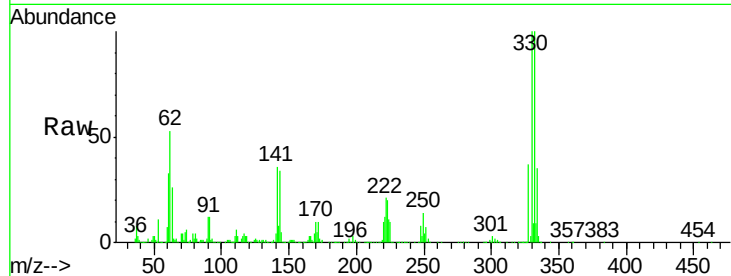
Tot Ion:330 Resp: 1215130

Ion Ratio Lower Upper

330 100

332 100.6 77.4 116.2

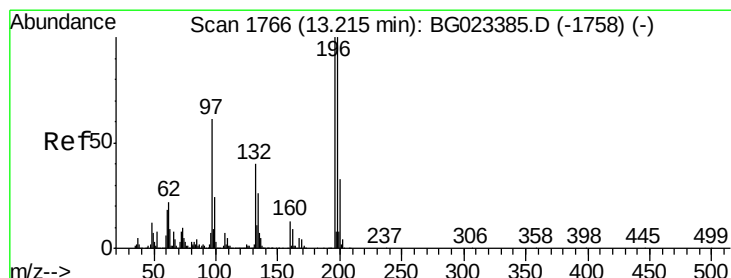
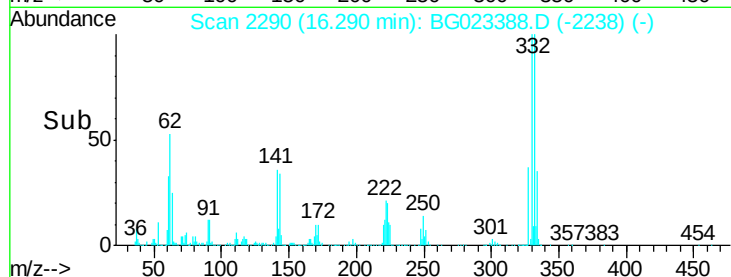
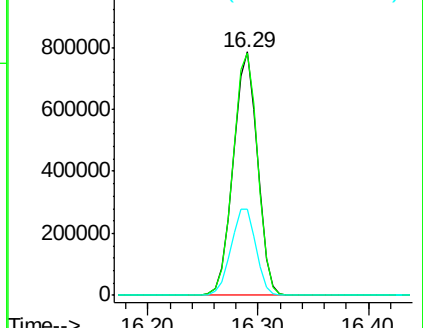
141 36.6 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 89.18 ng

RT: 13.22 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

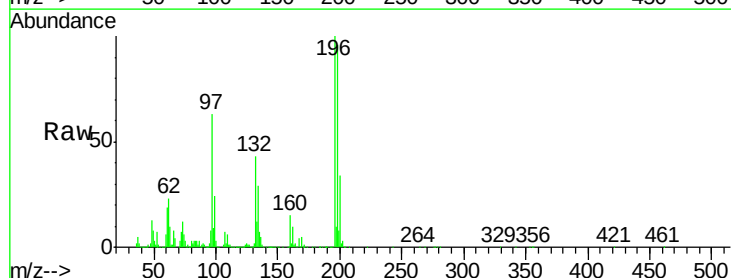
Tgt Ion:196 Resp: 886610

Ion Ratio Lower Upper

196 100

198 96.2 78.2 117.2

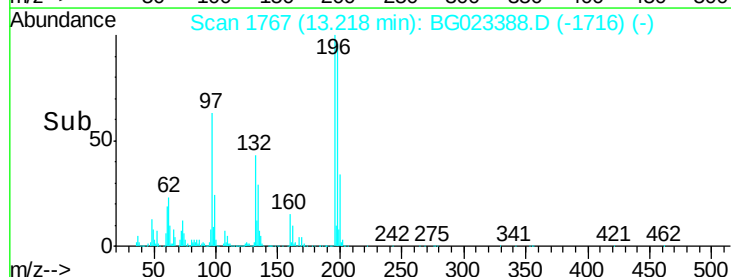
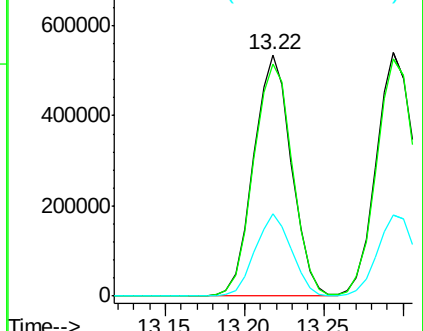
200 34.1 27.0 40.4

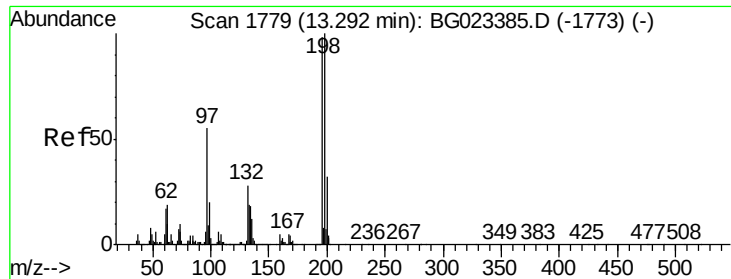


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

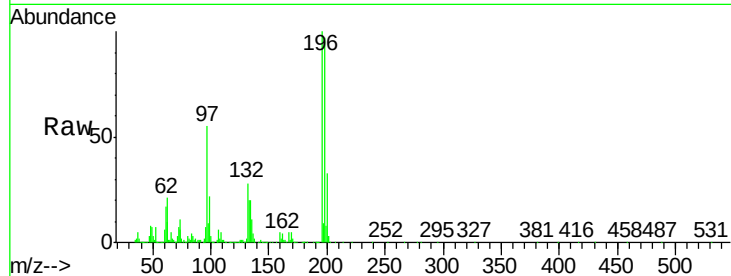




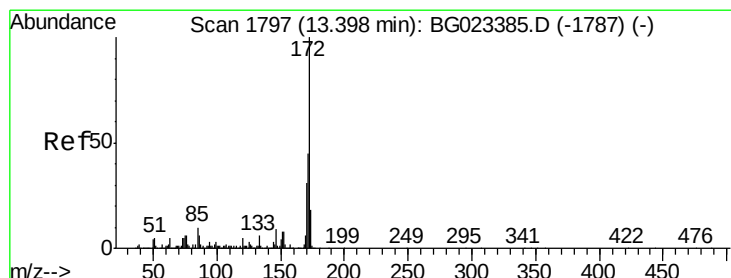
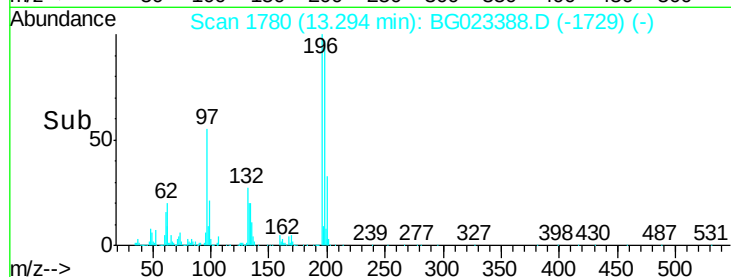
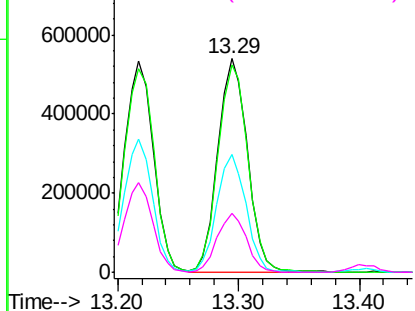
#43
 2,4,5-Trichlorophenol
 Concen: 86.45 ng
 RT: 13.29 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	911764
Ion	Ratio	Lower	Upper
196	100		
198	97.4	85.7	128.5
97	55.4	45.5	68.3
132	27.6	18.9	28.3

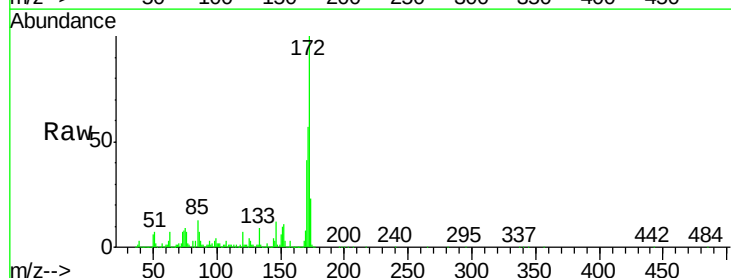


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

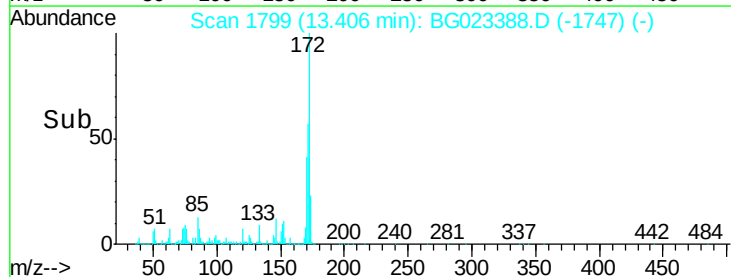
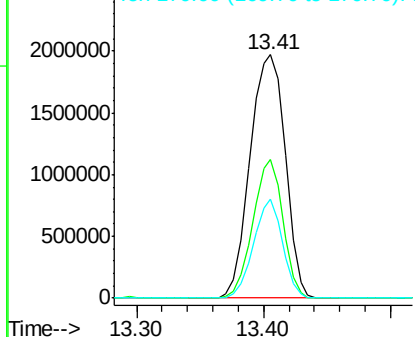


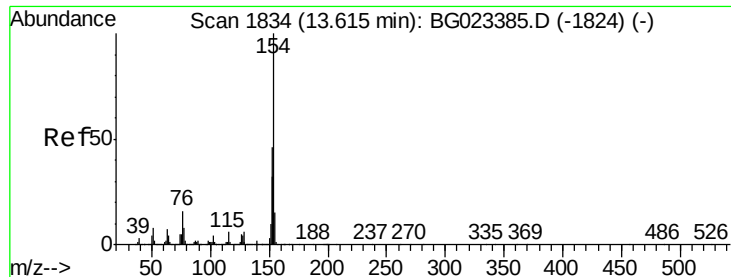
#44
 2-Fluorobiphenyl
 Concen: 135.93 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. 0.01 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Tgt Ion:	172	Resp:	3797284
Ion	Ratio	Lower	Upper
172	100		
171	57.1	31.6	47.4#
170	40.7	21.3	31.9#



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





#45

1,1'-Biphenyl

Concen: 74.84 ng

RT: 13.62 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

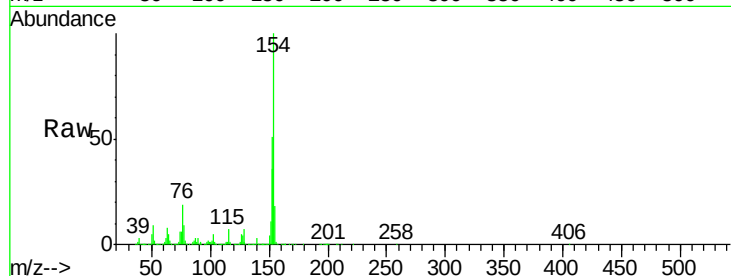
Tot Ion:154 Resp: 2728945

Ion Ratio Lower Upper

154 100

153 50.5 20.2 60.2

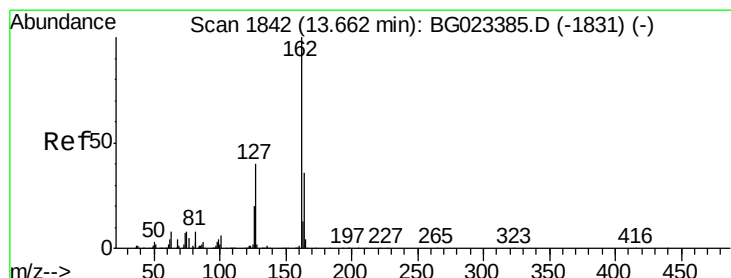
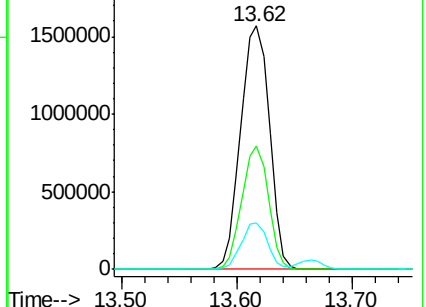
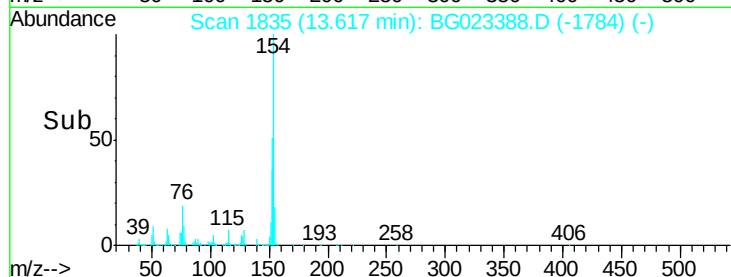
76 19.2 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 75.76 ng

RT: 13.66 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

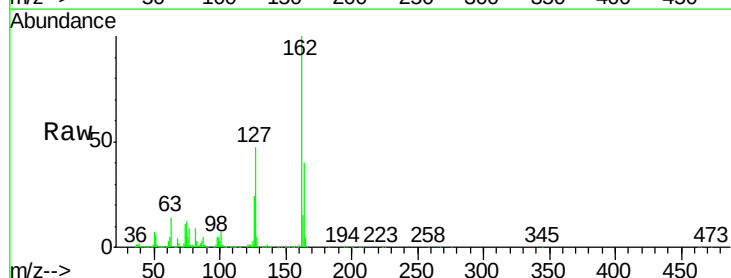
Tgt Ion:162 Resp: 2213570

Ion Ratio Lower Upper

162 100

127 46.5 32.4 48.6

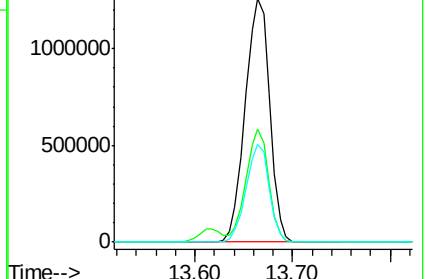
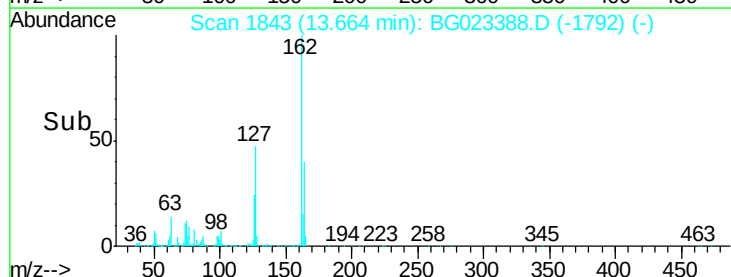
164 40.3 25.2 37.8#

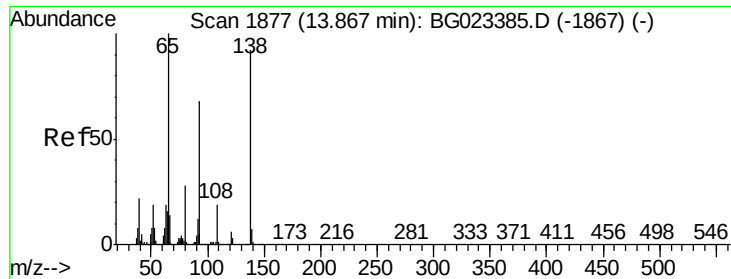


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

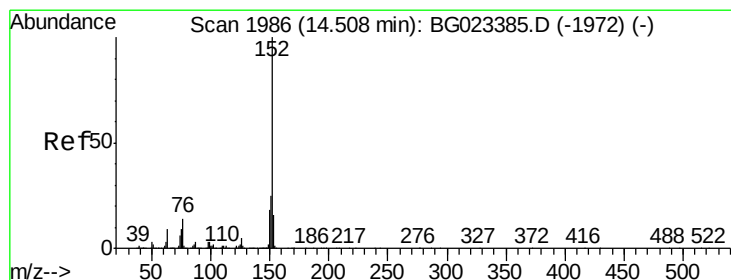
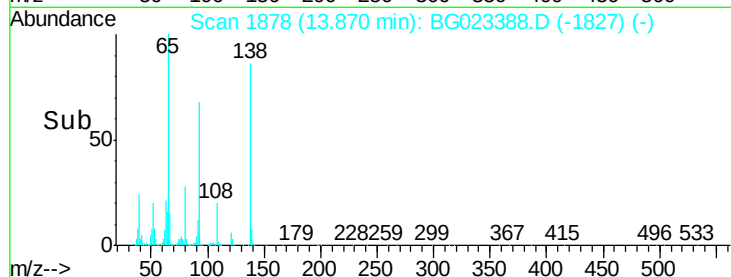
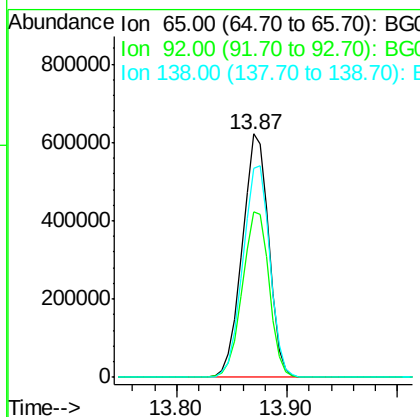
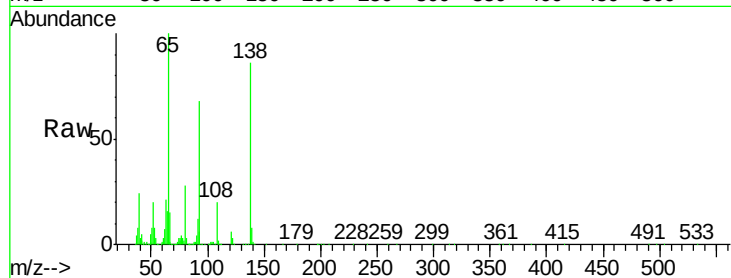




#47
2-Nitroaniline
Concen: 84.73 ng
RT: 13.87 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

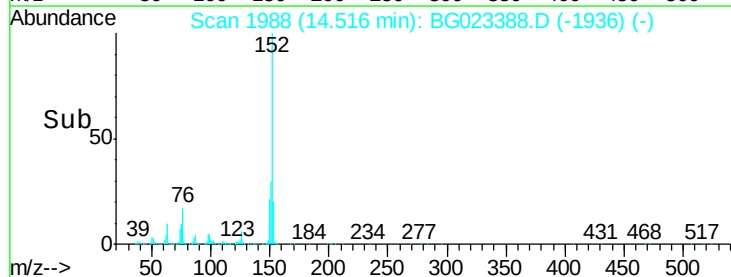
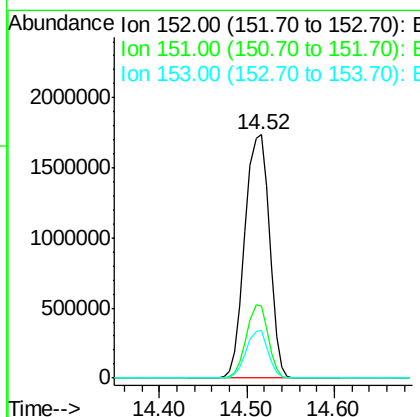
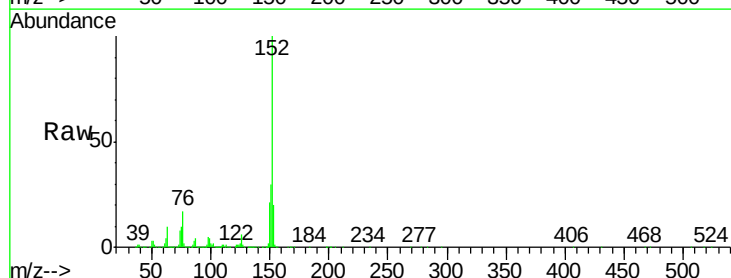
Instrument :
BNA_G
ClientSampleId :

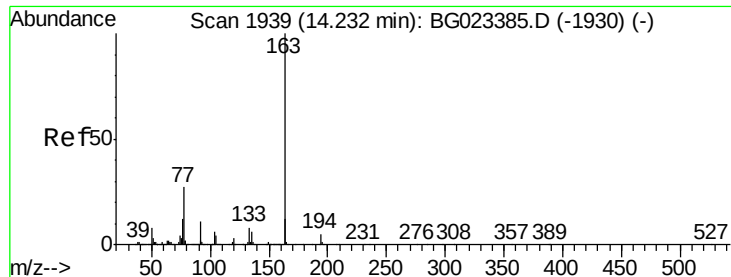
Tot Ion: 65 Resp: 1047347
Ion Ratio Lower Upper
65 100
92 68.2 49.4 74.0
138 85.8 58.0 87.0



#48
Acenaphthylene
Concen: 73.54 ng
RT: 14.52 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

Tgt Ion: 152 Resp: 3289980
Ion Ratio Lower Upper
152 100
151 29.9 17.6 26.4#
153 19.7 11.4 17.2#





#49

Dimethylphthalate

Concen: 71.65 ng

RT: 14.24 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

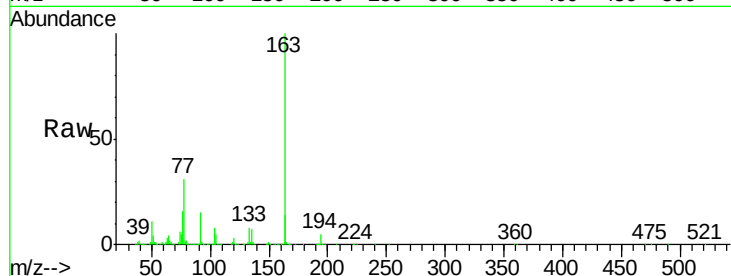
Tot Ion:163 Resp: 2764318

Ion Ratio Lower Upper

163 100

194 5.3 3.6 5.4

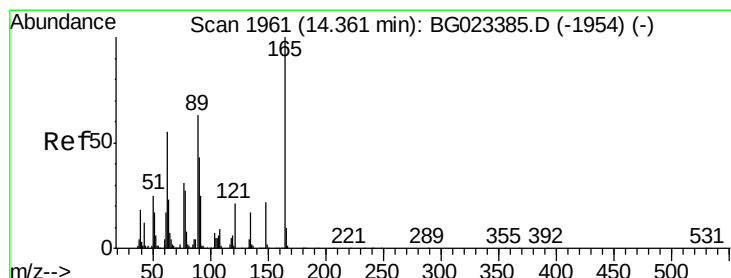
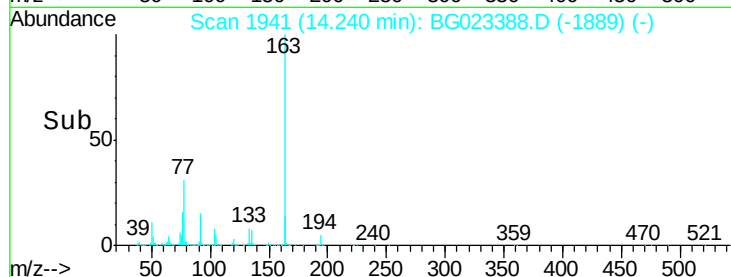
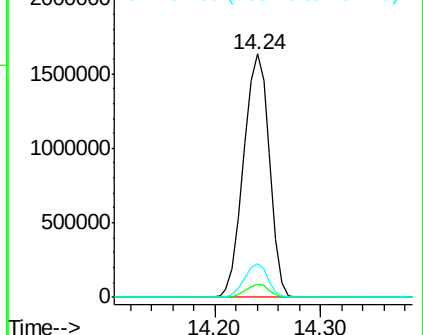
164 14.0 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 82.39 ng

RT: 14.36 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

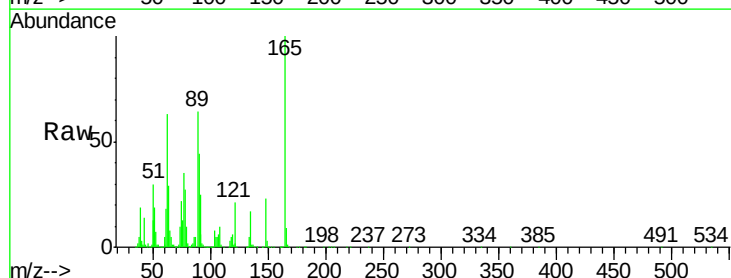
Tgt Ion:165 Resp: 744428

Ion Ratio Lower Upper

165 100

63 63.4 64.3 96.5#

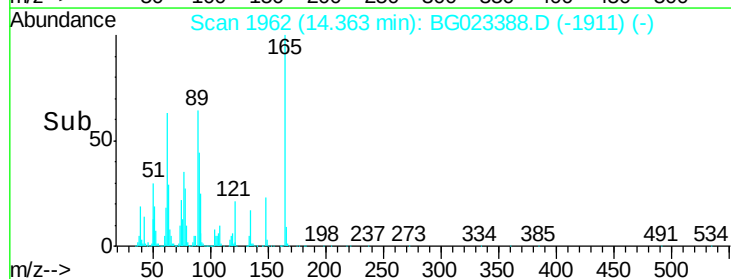
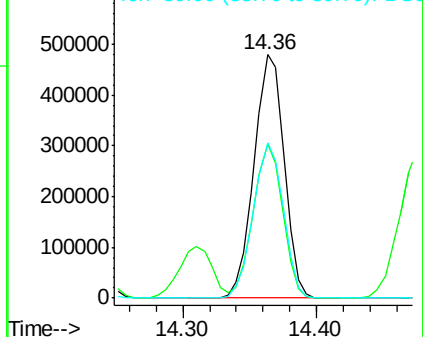
89 64.0 64.3 96.5#

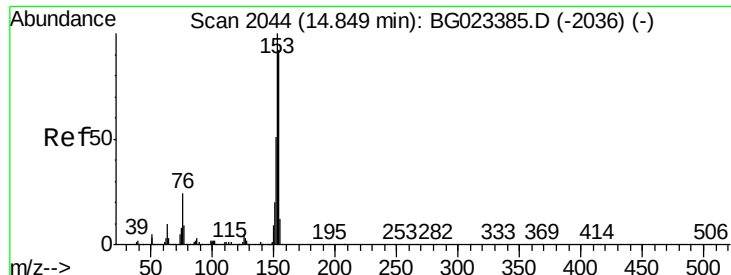


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 77.39 ng

RT: 14.86 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

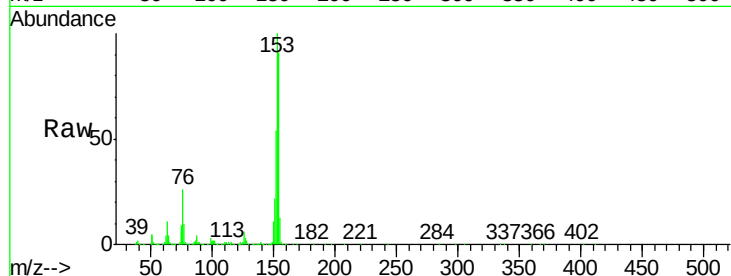
Tot Ion:154 Resp: 2245705

Ion Ratio Lower Upper

154 100

153 109.6 87.5 131.3

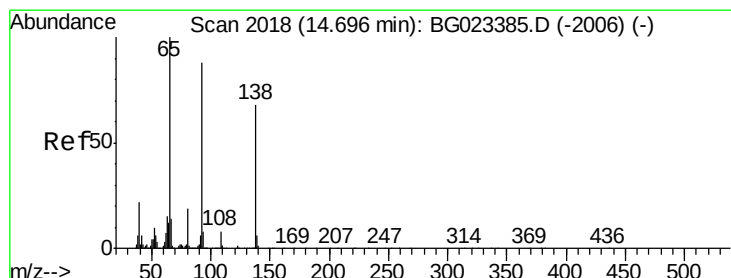
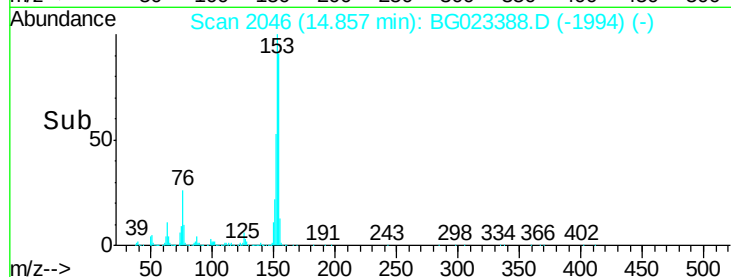
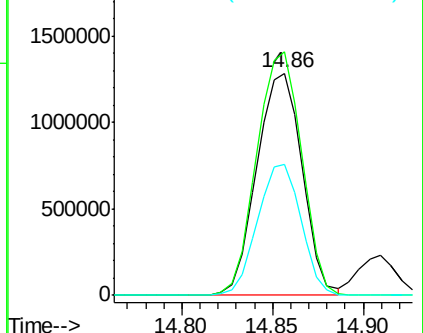
152 58.7 42.7 64.1



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: 95.06 ng

RT: 14.70 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

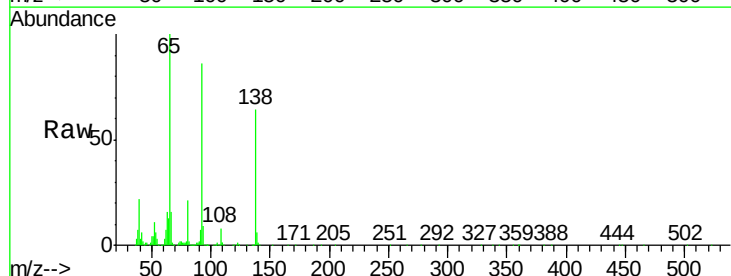
Tgt Ion:138 Resp: 865105

Ion Ratio Lower Upper

138 100

108 12.4 11.7 17.5

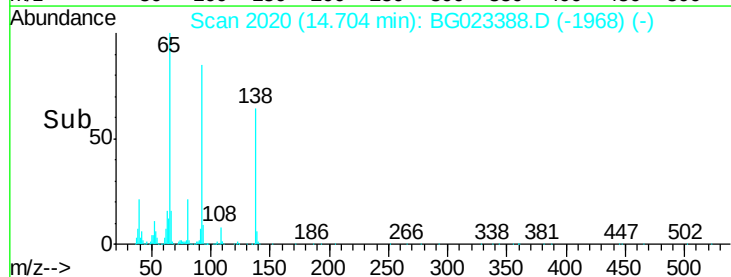
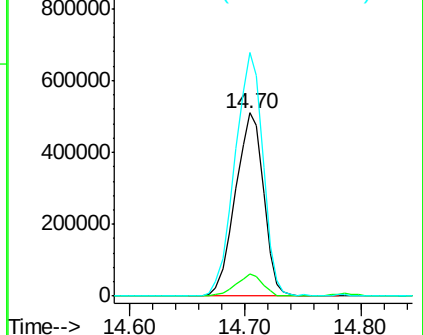
92 133.1 129.7 194.5

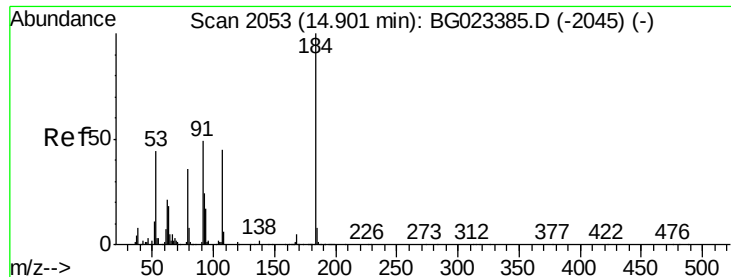


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 103.69 ng

RT: 14.91 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

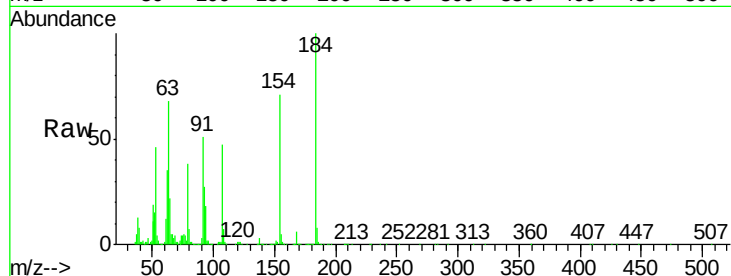
Tot Ion:184 Resp: 548566

Ion Ratio Lower Upper

184 100

63 68.0 59.6 89.4

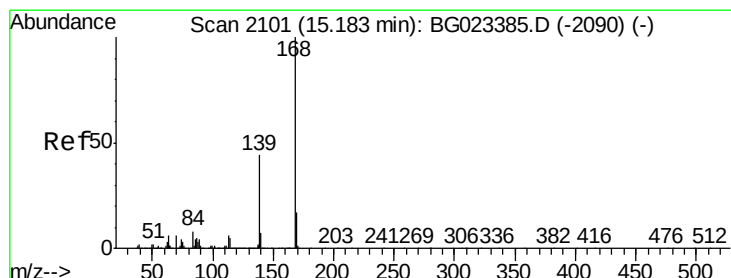
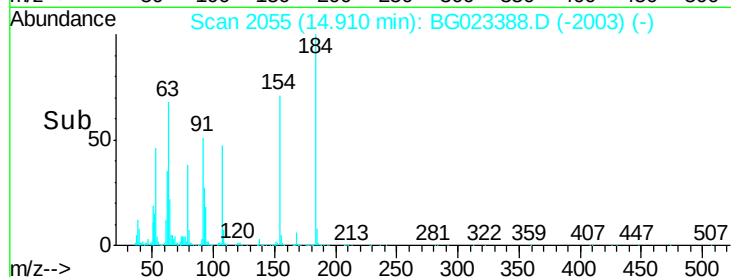
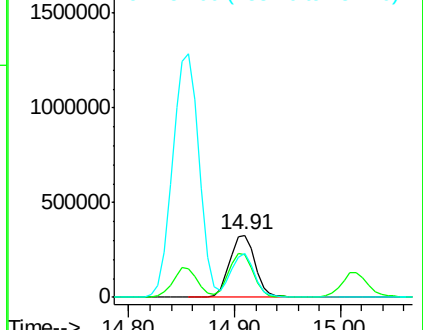
154 70.6 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG023388.D (-2045) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 73.07 ng

RT: 15.19 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

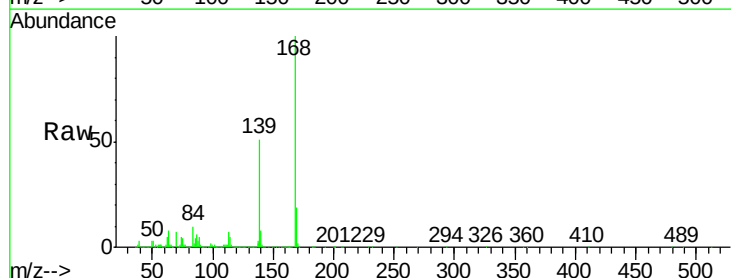
Tgt Ion:168 Resp: 3000314

Ion Ratio Lower Upper

168 100

139 50.6 36.4 54.6

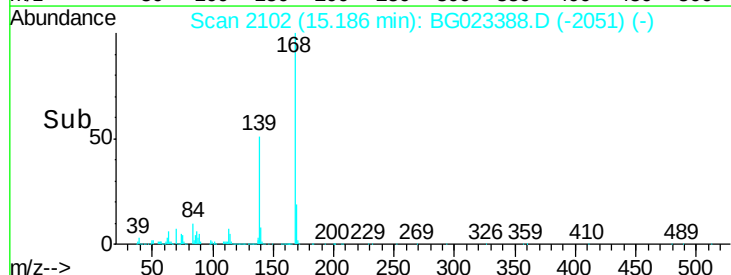
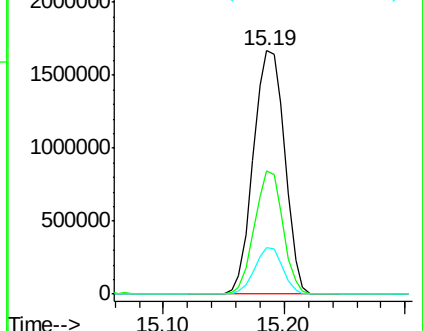
169 19.1 11.9 17.9#

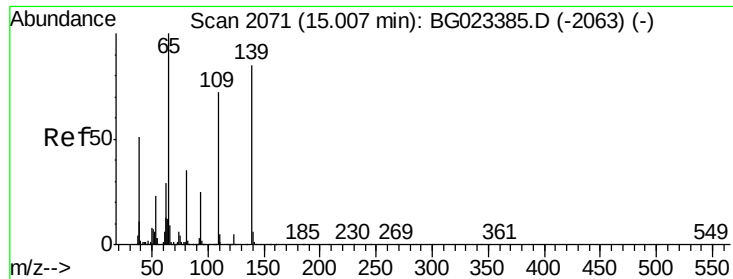


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

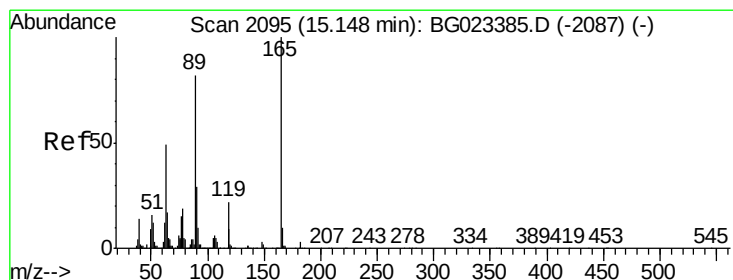
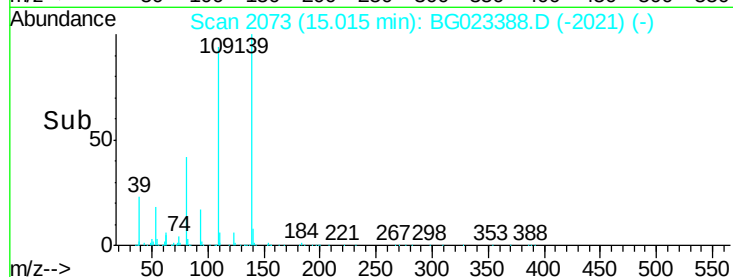
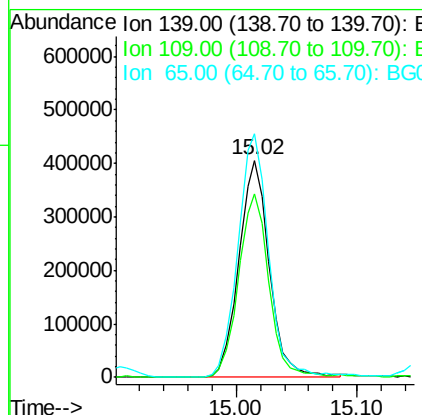
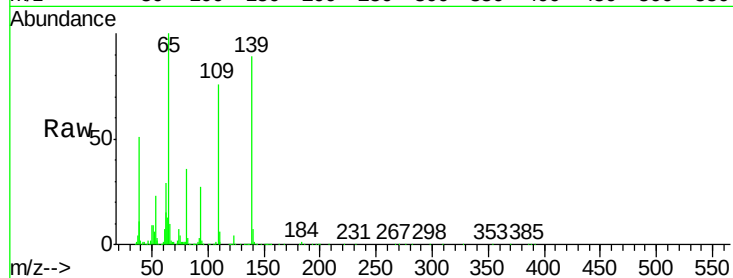




#55
4-Nitrophenol
Concen: 89.95 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

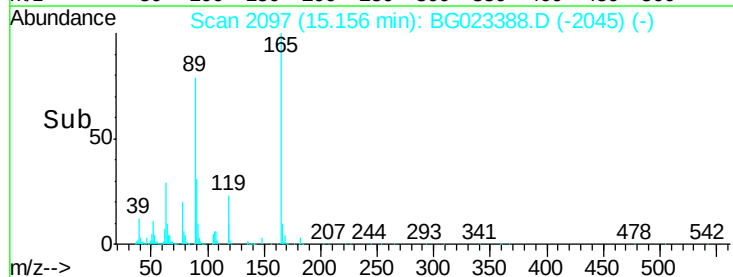
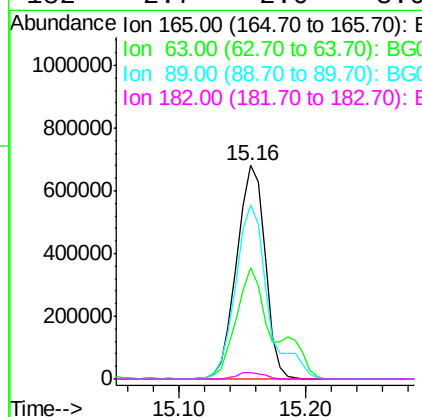
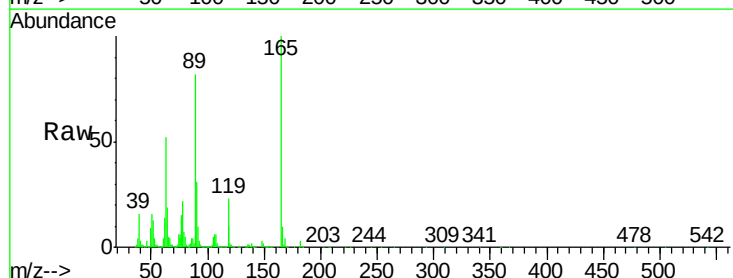
Instrument :
BNA_G
ClientSampleId :

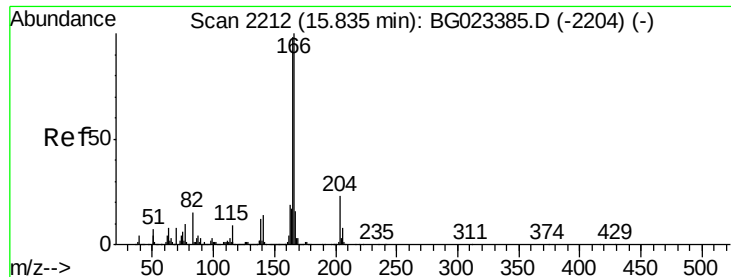
Tot Ion:139 Resp: 710073
Ion Ratio Lower Upper
139 100
109 84.8 103.0 143.0#
65 112.2 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 83.03 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

Tgt Ion:165 Resp: 1056362
Ion Ratio Lower Upper
165 100
63 52.1 45.8 68.6
89 81.6 68.6 102.8
182 2.7 2.0 3.0





#57

Fluorene

Concen: 73.66 ng

RT: 15.84 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

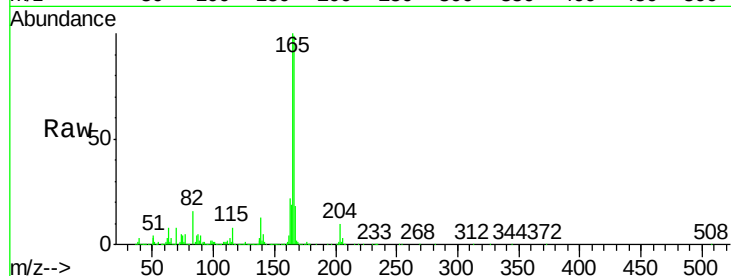
Tot Ion:166 Resp: 2670720

Ion Ratio Lower Upper

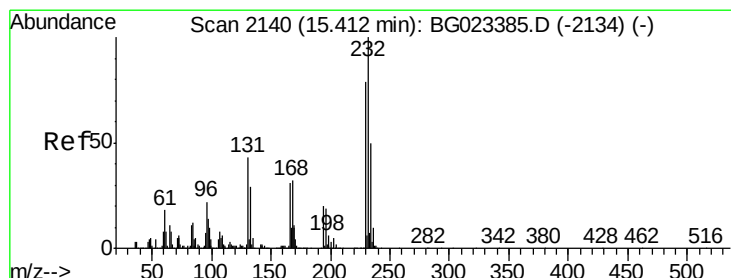
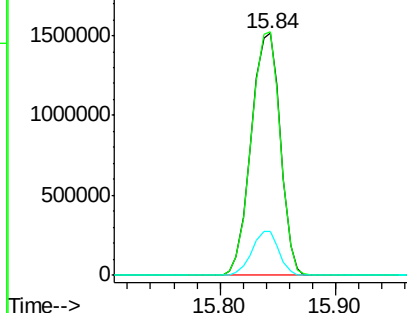
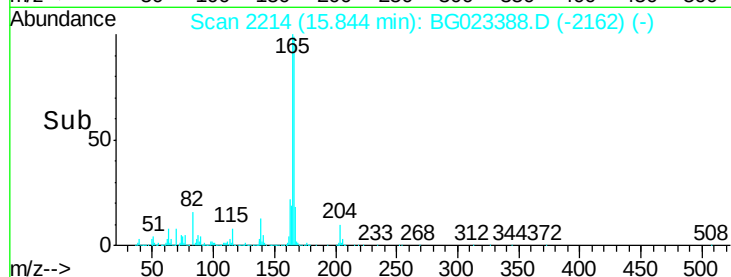
166 100

165 100.6 81.0 121.6

167 18.1 12.0 18.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 93.46 ng

RT: 15.41 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Tgt Ion:232 Resp: 834444

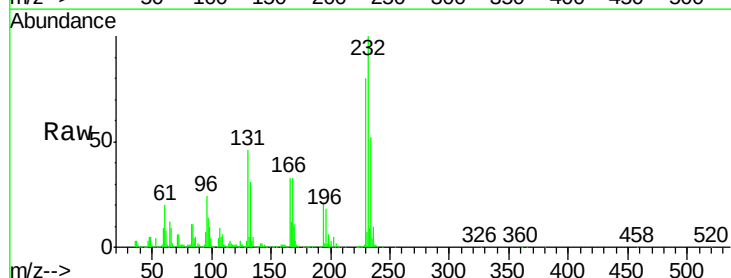
Ion Ratio Lower Upper

232 100

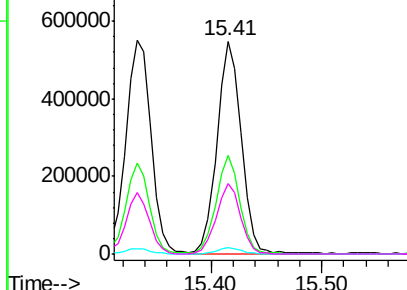
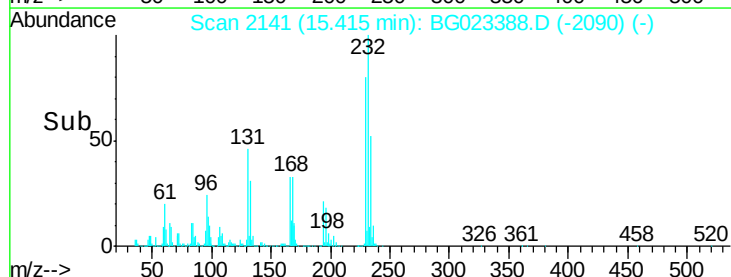
131 45.0 32.7 49.1

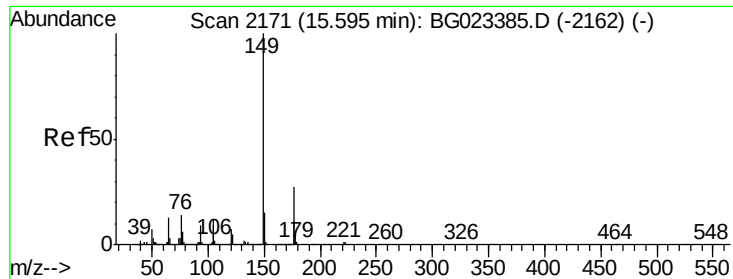
130 2.9 2.6 3.8

166 32.4 23.0 34.6



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

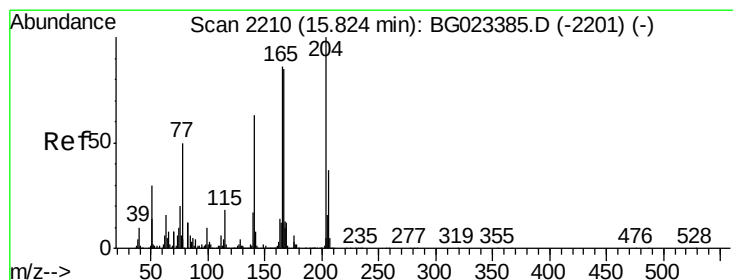
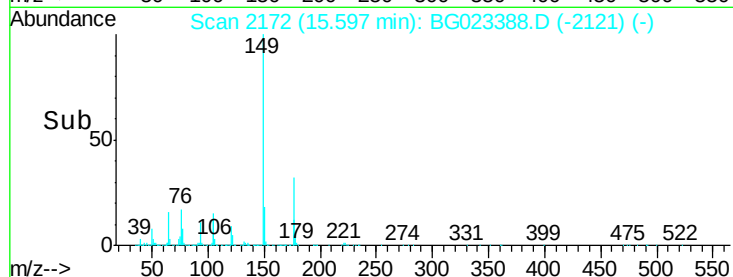
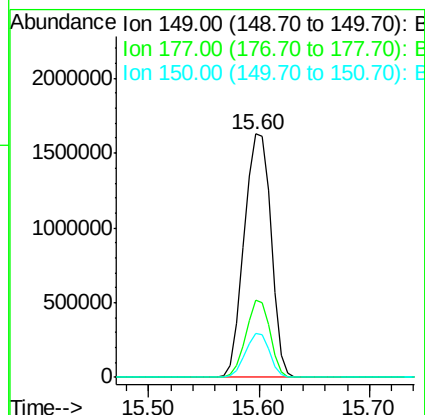
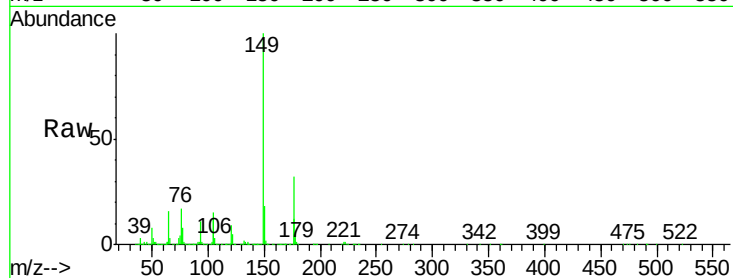




#59
Diethylphthalate
Concen: 70.61 ng
RT: 15.60 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

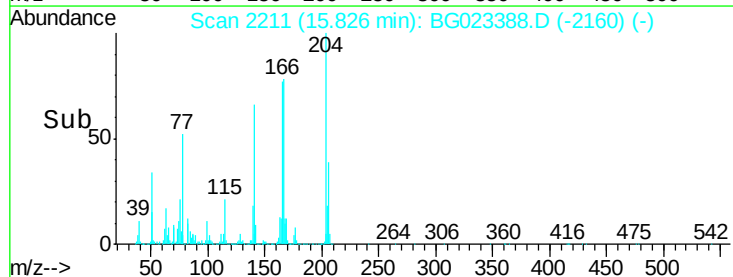
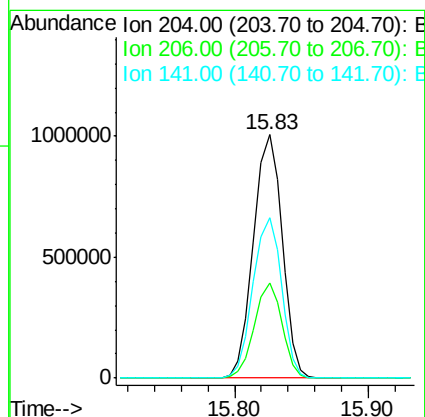
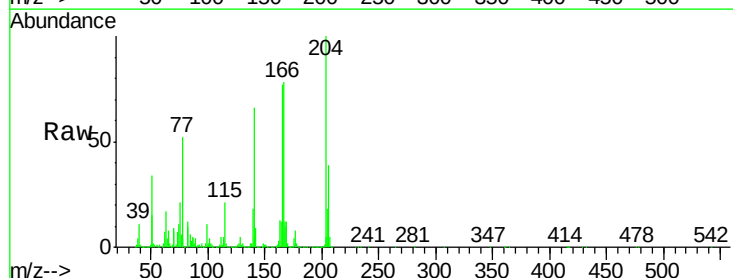
Instrument :
BNA_G
ClientSampleId :

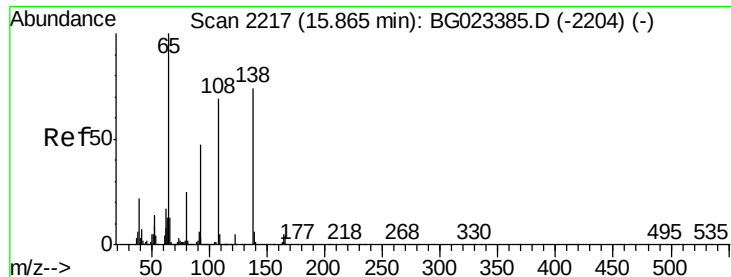
Tot Ion:149 Resp: 2790592
Ion Ratio Lower Upper
149 100
177 31.5 19.2 28.8#
150 18.1 10.6 16.0#



#60
4-Chlorophenyl-phenylether
Concen: 76.01 ng
RT: 15.83 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

Tgt Ion:204 Resp: 1491850
Ion Ratio Lower Upper
204 100
206 39.0 28.5 42.7
141 65.7 51.4 77.0

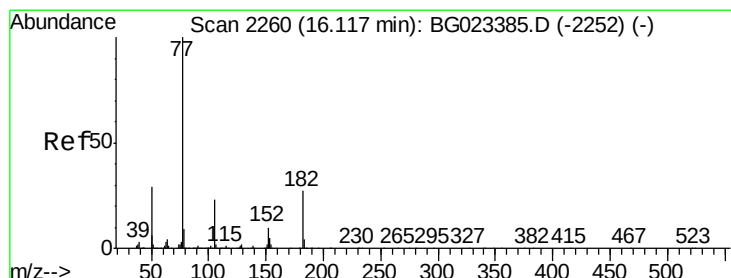
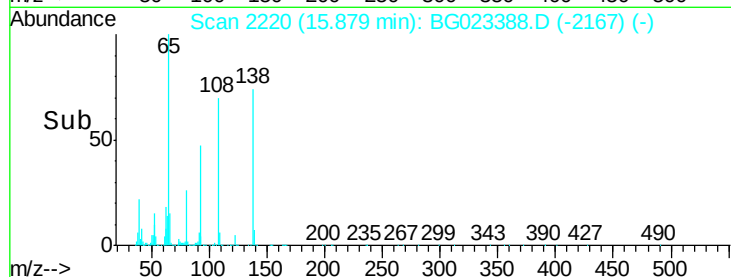
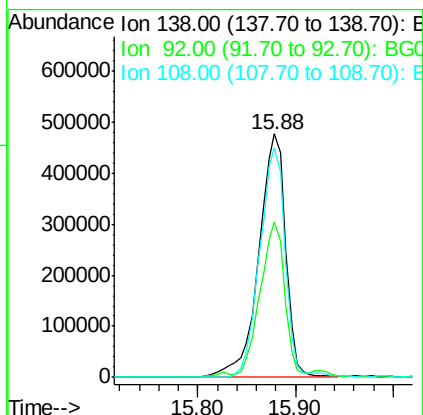
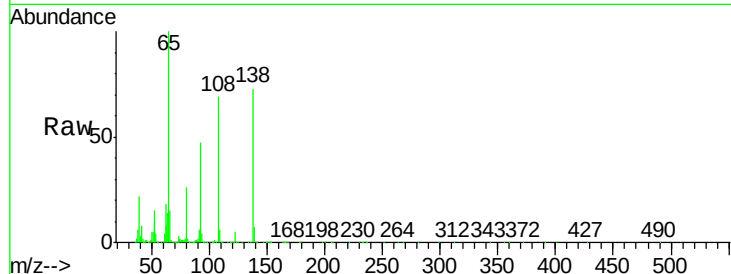




#61
4-Nitroaniline
Concen: 97.03 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

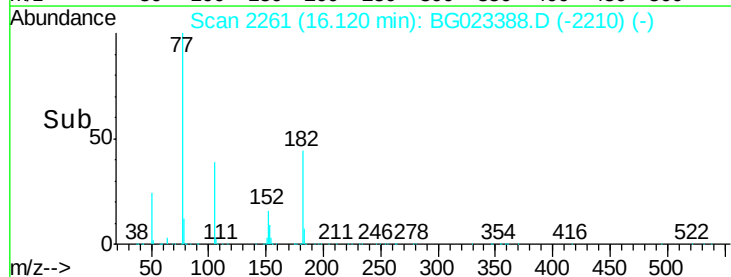
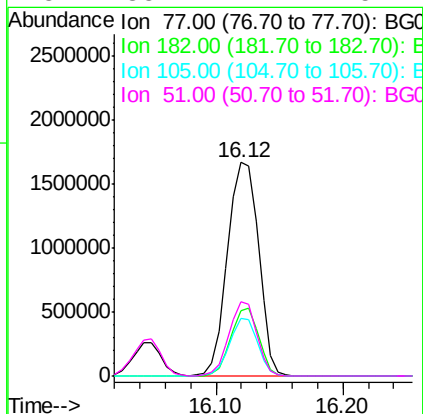
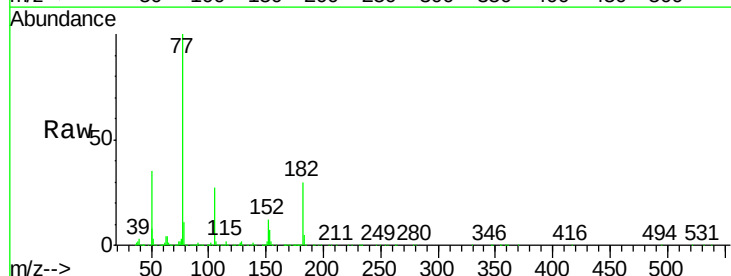
Instrument :
BNA_G
ClientSampleId :

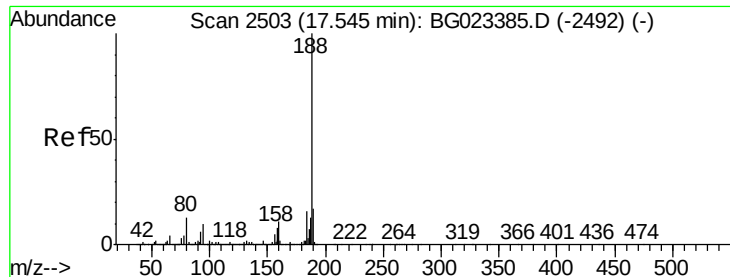
Tot Ion:138 Resp: 925851
Ion Ratio Lower Upper
138 100
92 63.6 54.1 94.1
108 94.5 133.9 173.9#



#62
Azobenzene
Concen: 69.34 ng
RT: 16.12 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

Tgt Ion: 77 Resp: 2841189
Ion Ratio Lower Upper
77 100
182 30.5 3.5 43.5
105 27.0 0.0 38.5
51 35.1 17.1 57.1

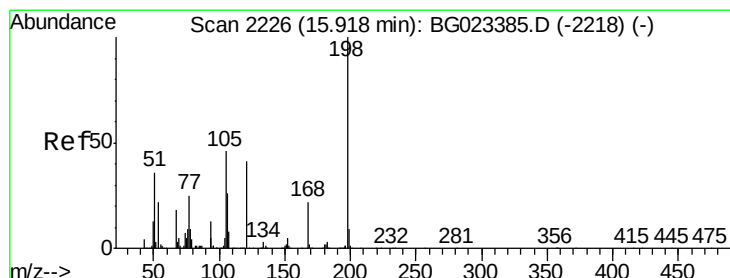
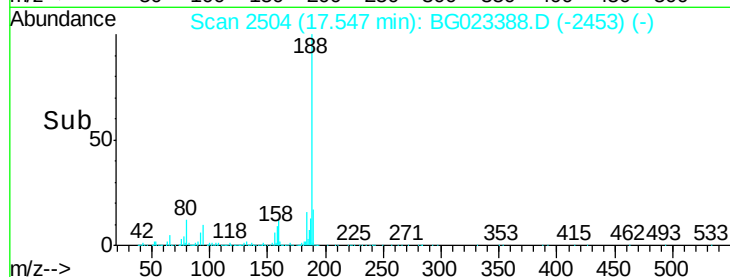
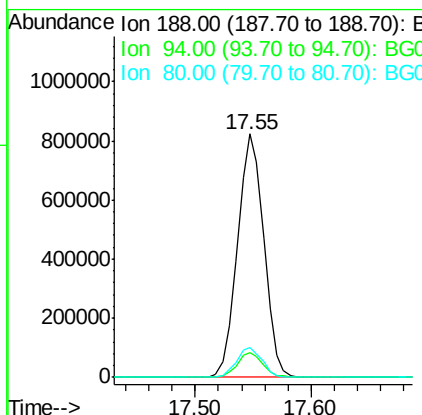
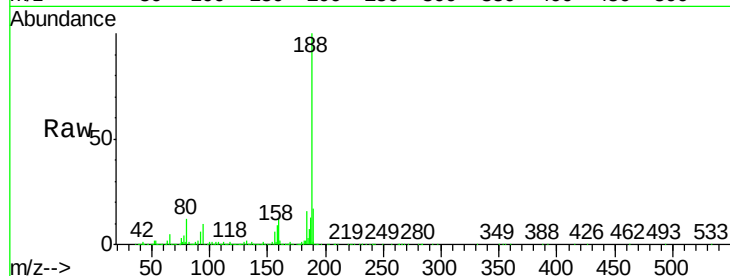




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

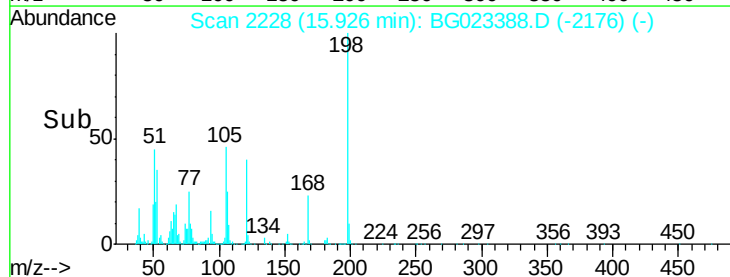
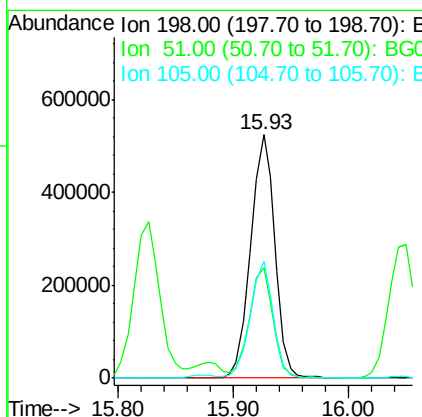
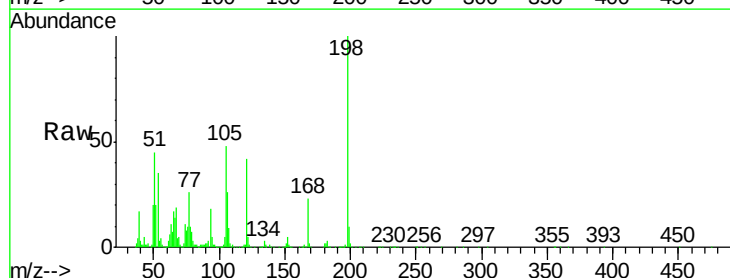
Instrument :
BNA_G
ClientSampleID :

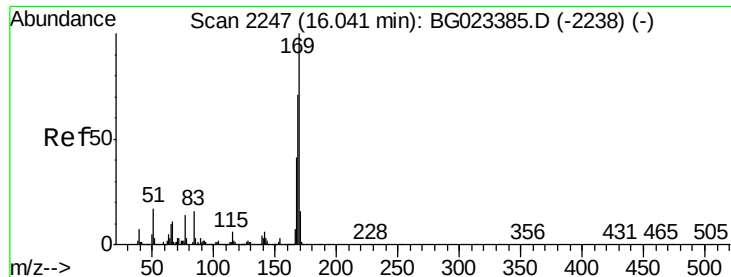
Tot Ion:188 Resp: 1293998
Ion Ratio Lower Upper
188 100
94 10.1 5.2 7.8#
80 12.5 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 92.13 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

Tgt Ion:198 Resp: 765656
Ion Ratio Lower Upper
198 100
51 45.2 26.0 66.0
105 47.9 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 75.00 ng

RT: 16.05 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

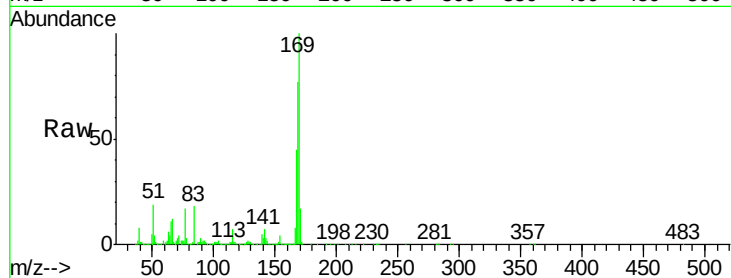
Tot Ion:169 Resp: 2590874

Ion	Ratio	Lower	Upper
169	100		
168	76.8	55.0	82.4
167	45.4	27.4	41.0

169 100

168 76.8 55.0 82.4

167 45.4 27.4 41.0#

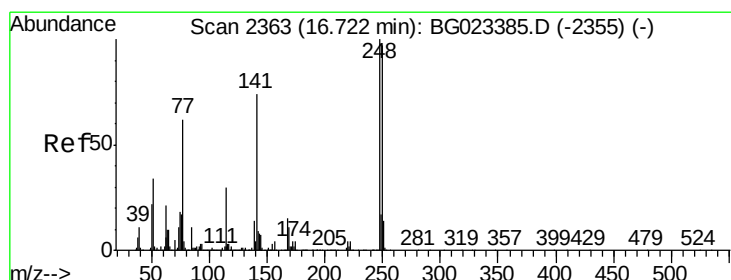
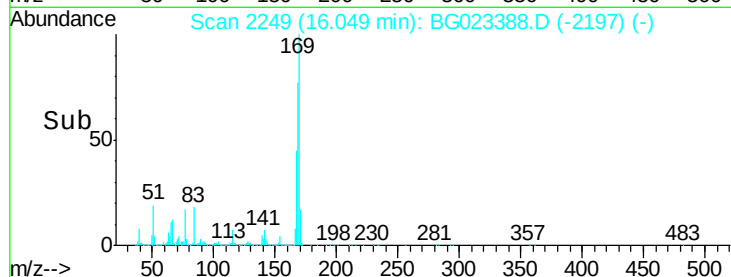
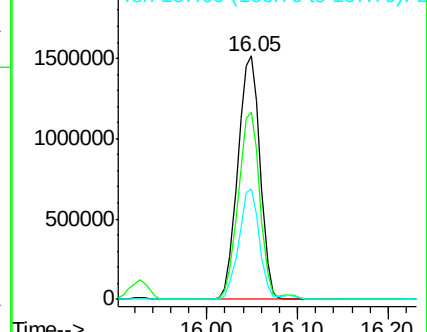


Abundance

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: 86.38 ng

RT: 16.72 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

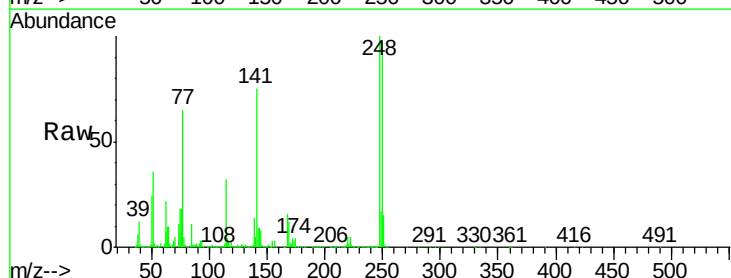
Tgt Ion:248 Resp: 1130237

Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.8	116.8
141	75.4	65.7	98.5

248 100

250 96.8 77.8 116.8

141 75.4 65.7 98.5

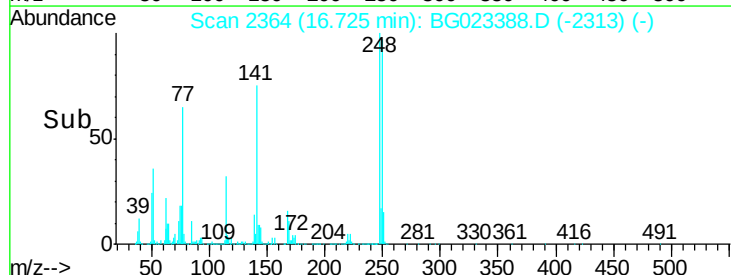
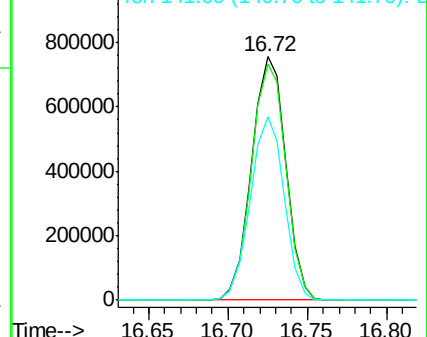


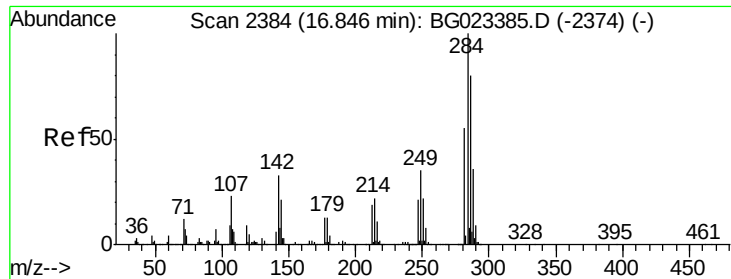
Abundance

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: 94.66 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

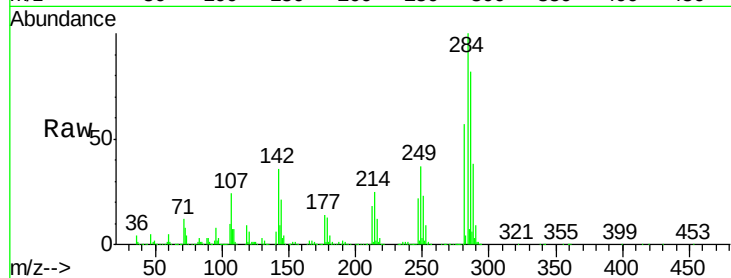
Tot Ion:284 Resp: 1245307

Ion Ratio Lower Upper

284 100

142 36.3 26.8 40.2

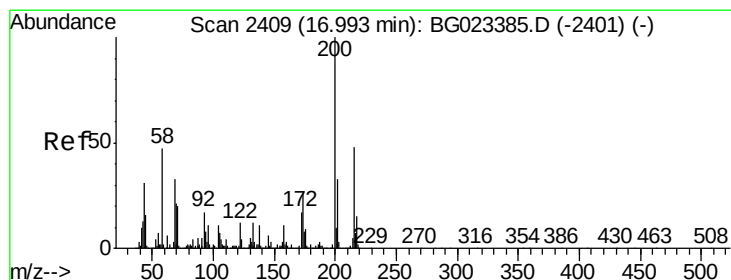
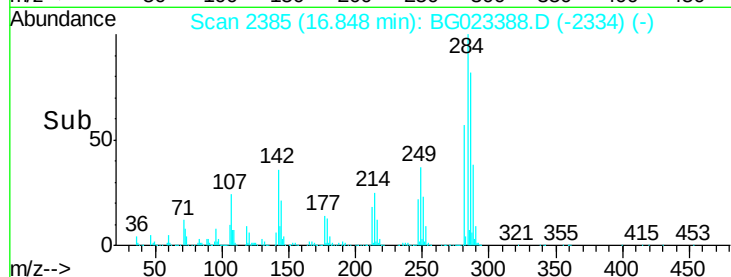
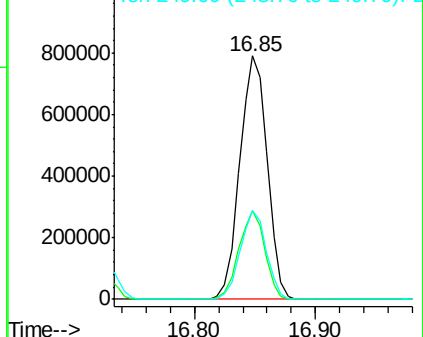
249 36.6 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 75.46 ng

RT: 16.99 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

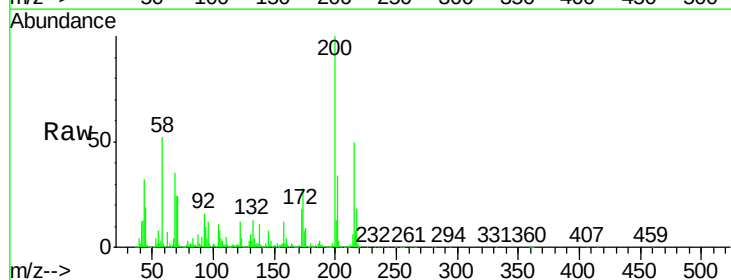
Tgt Ion:200 Resp: 999979

Ion Ratio Lower Upper

200 100

173 27.7 1.6 41.6

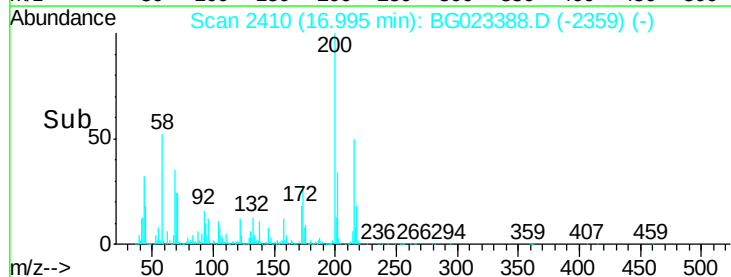
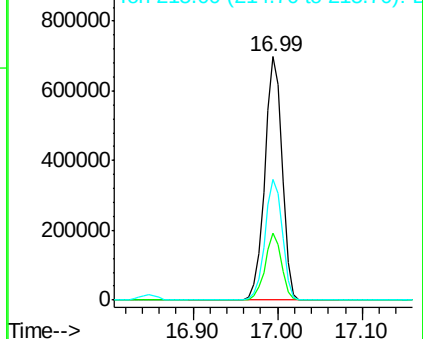
215 49.8 28.7 68.7

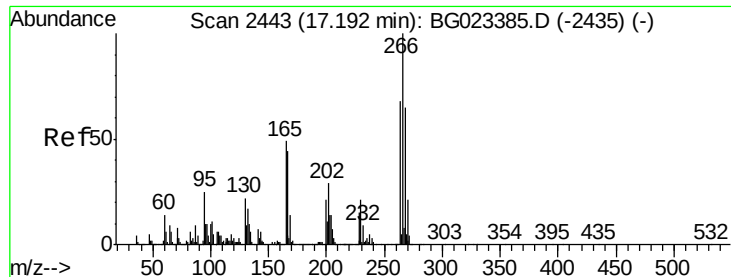


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

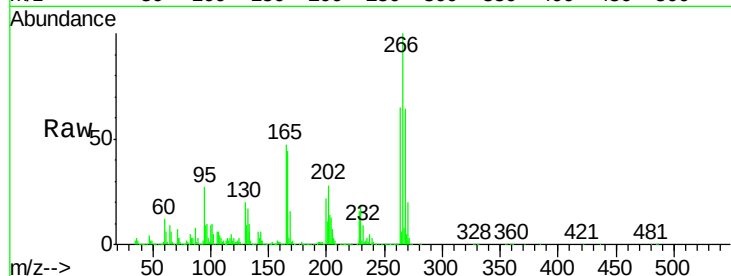




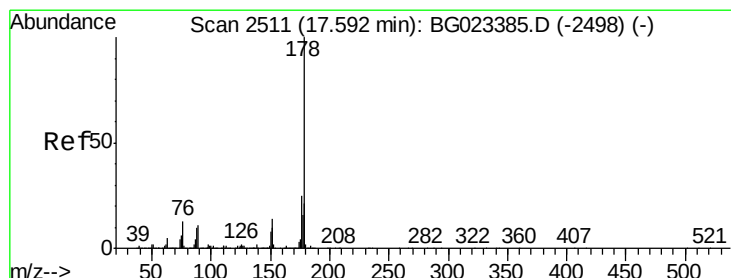
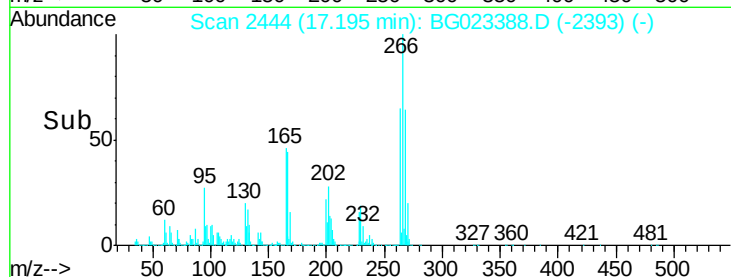
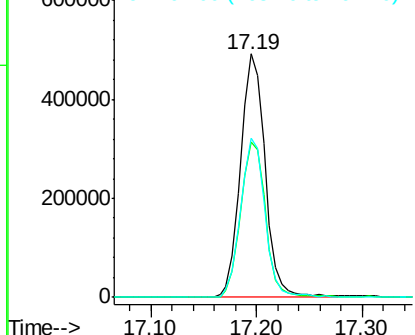
#69
 Pentachlorophenol
 Concen: 97.50 ng
 RT: 17.19 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.9	77.9
264	65.3	50.6	75.8

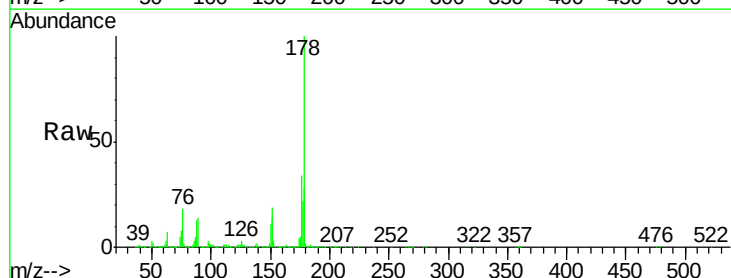


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

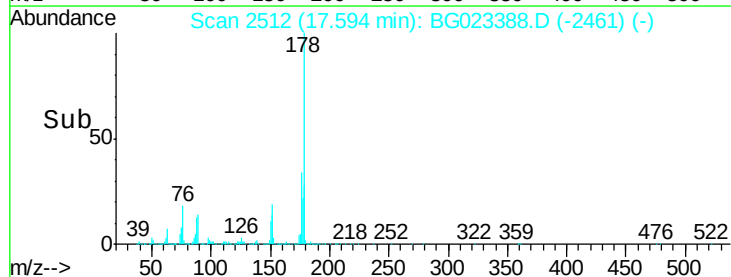
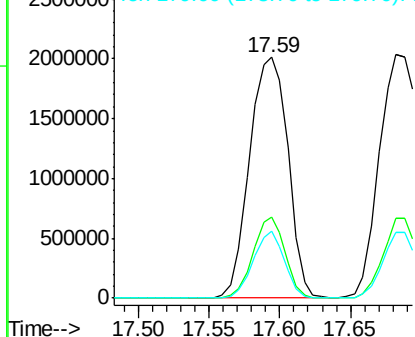


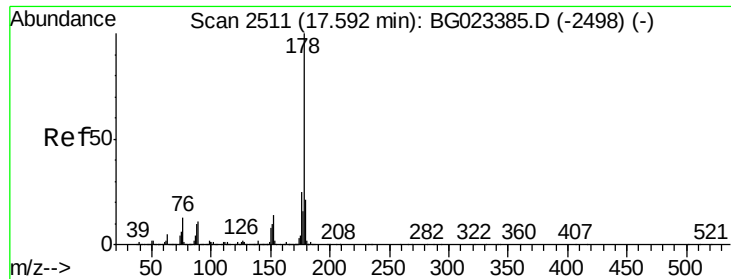
#70
 Phenanthrene
 Concen: 67.88 ng
 RT: 17.59 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	33.8	16.8	25.2#
179	27.6	14.3	21.5#



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

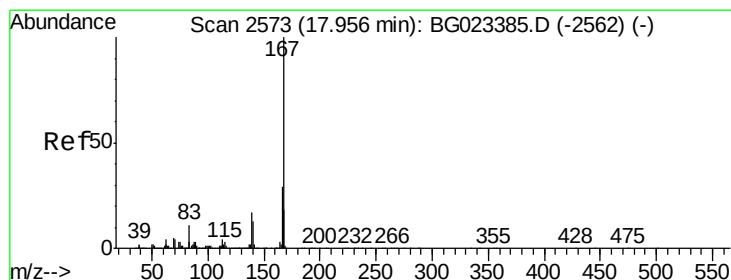
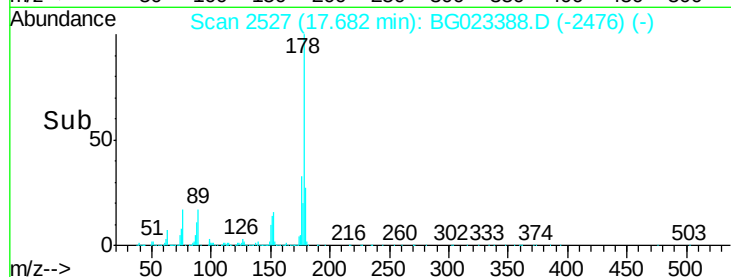
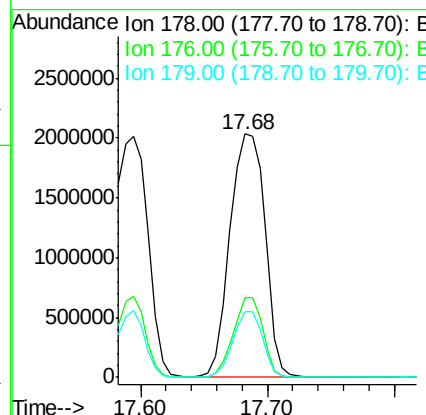
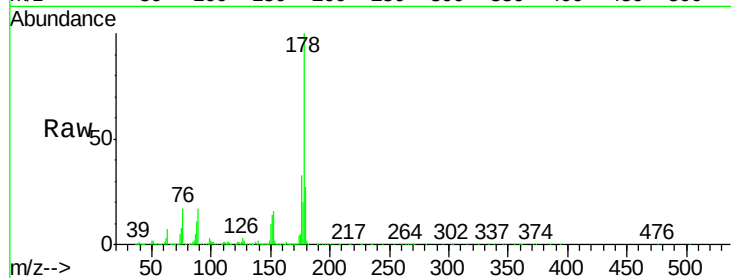




#71
 Anthracene
 Concen: 67.93 ng
 RT: 17.68 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

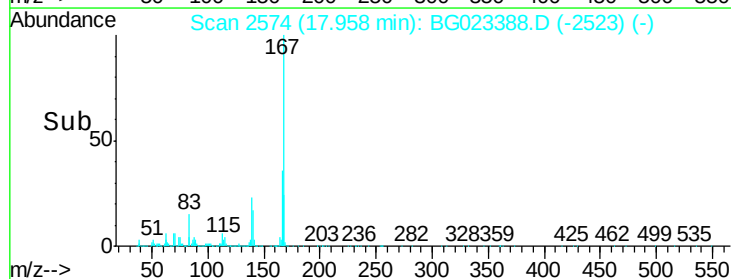
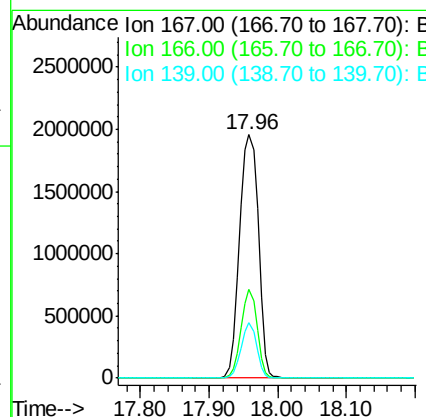
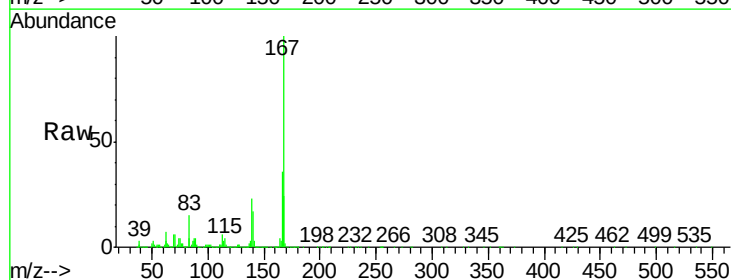
Instrument :
 BNA_G
 ClientSampleId :

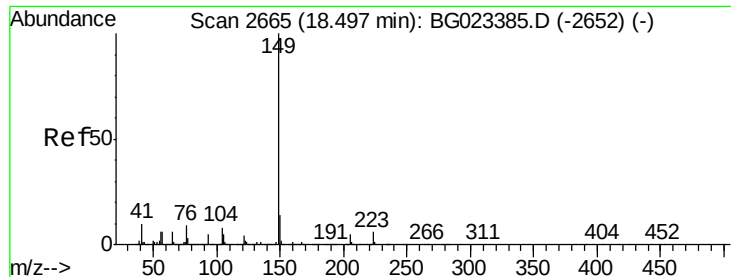
Tot Ion:178 Resp: 3884545
 Ion Ratio Lower Upper
 178 100
 176 32.6 17.3 25.9#
 179 27.2 14.0 21.0#



#72
 Carbazole
 Concen: 71.24 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Tgt Ion:167 Resp: 3731306
 Ion Ratio Lower Upper
 167 100
 166 36.5 20.7 31.1#
 139 22.8 11.9 17.9#





#73

Di-n-butylphthalate

Concen: 65.57 ng

RT: 18.50 min Scan# 2666

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

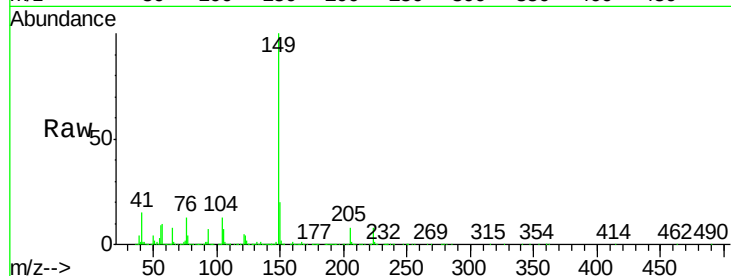
Tot Ion:149 Resp: 3831947

Ion	Ratio	Lower	Upper
149	100		
150	19.7	9.1	13.7#
104	12.9	6.9	10.3#

149 100

150 19.7 9.1 13.7#

104 12.9 6.9 10.3#

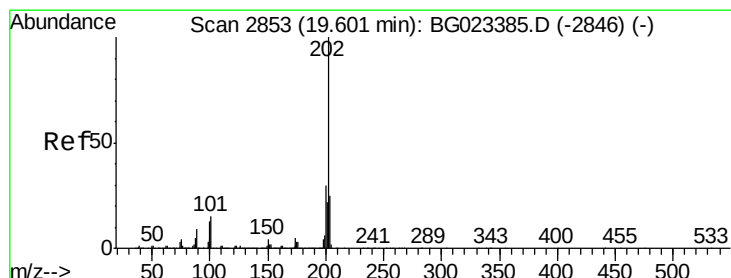
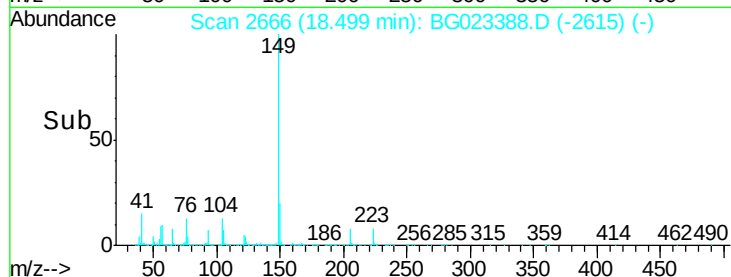
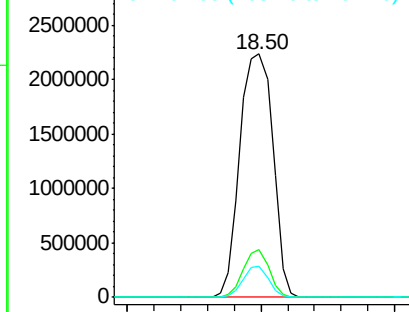


Abundance

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: 63.13 ng

RT: 19.60 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

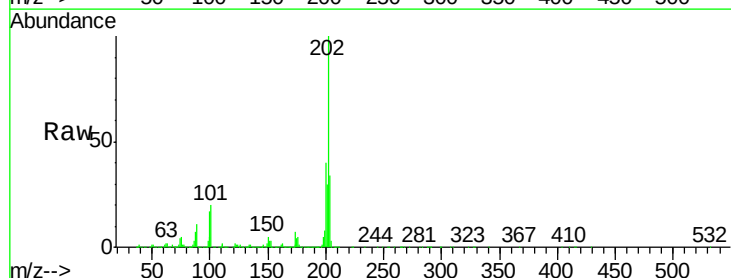
Tgt Ion:202 Resp: 4077871

Ion	Ratio	Lower	Upper
202	100		
101	20.2	0.0	27.4
203	34.4	1.7	41.7

202 100

101 20.2 0.0 27.4

203 34.4 1.7 41.7

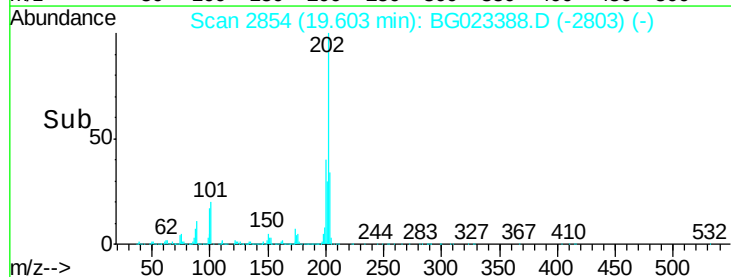
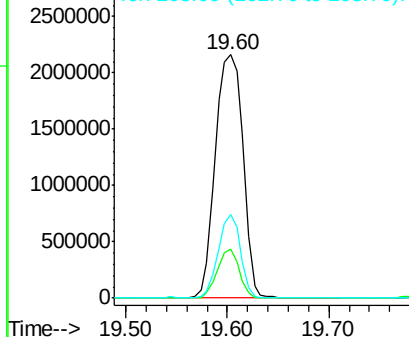


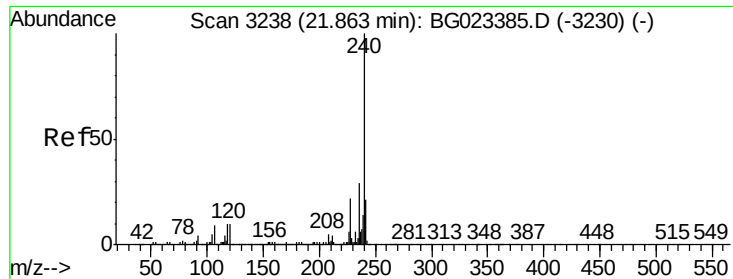
Abundance

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. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

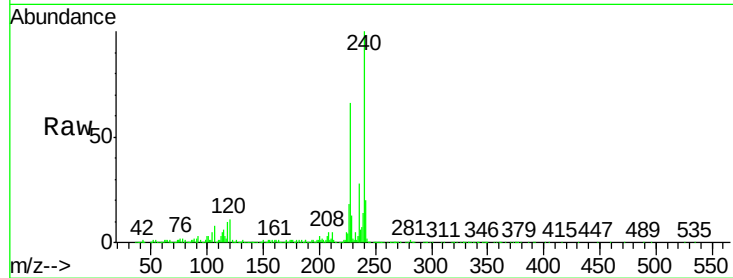
Tot Ion:240 Resp: 1015172

Ion Ratio Lower Upper

240 100

120 10.9 4.1 6.1#

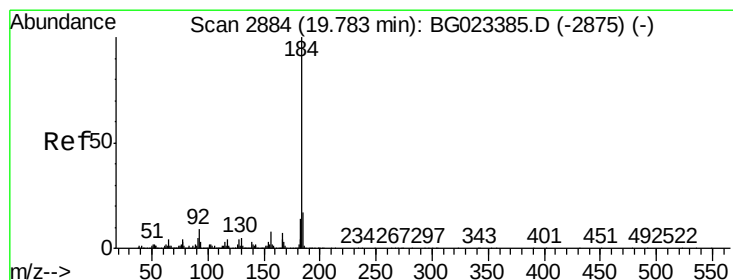
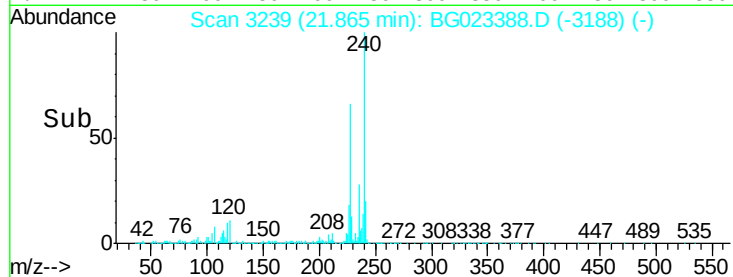
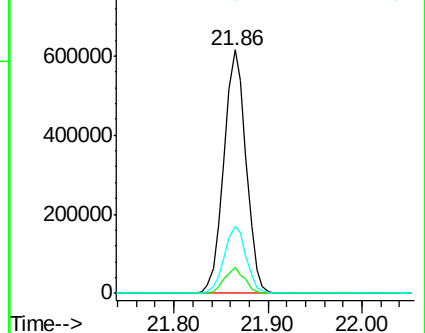
236 27.6 21.1 31.7



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: 68.21 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

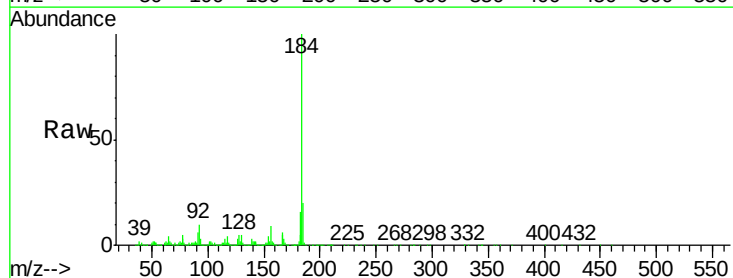
Tgt Ion:184 Resp: 1947621

Ion Ratio Lower Upper

184 100

185 20.3 12.6 19.0#

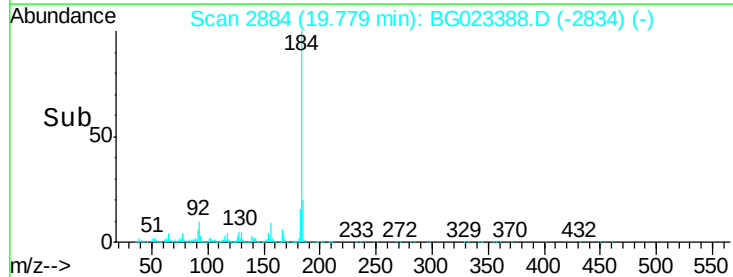
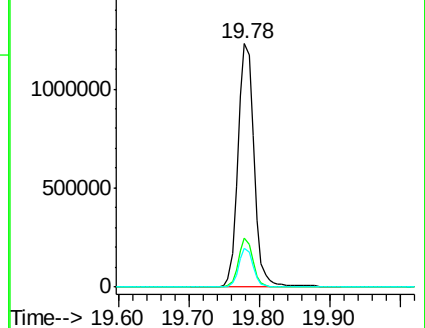
183 16.0 10.7 16.1

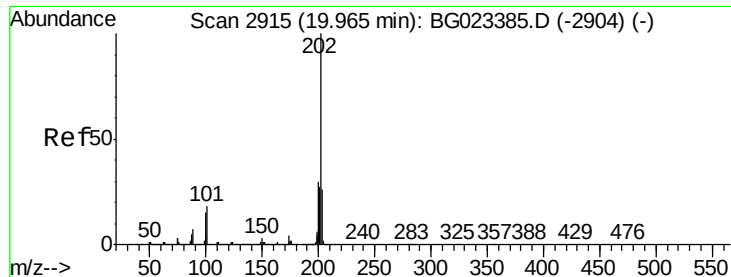


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 70.41 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

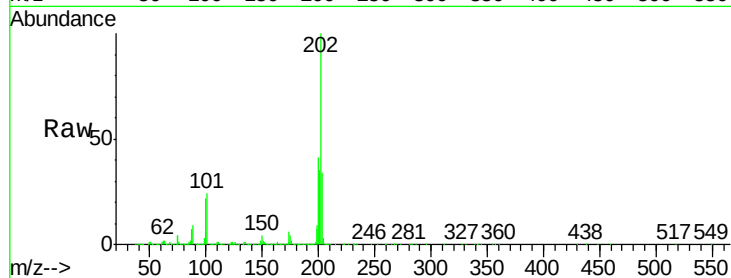
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 4056453

Ion	Ratio	Lower	Upper
202	100		
200	40.7	21.2	31.8#
203	34.0	16.8	25.2#

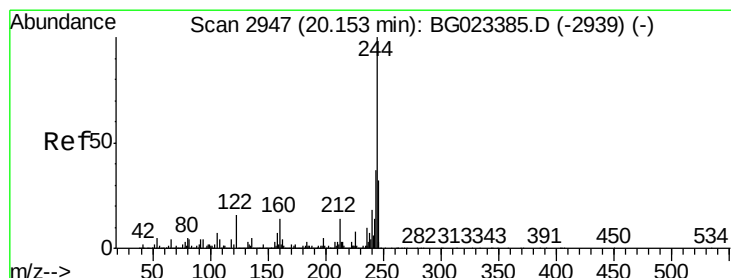
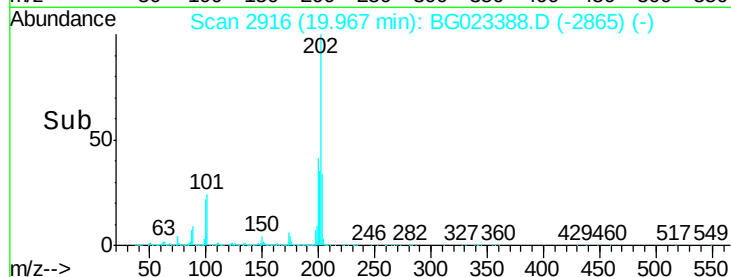
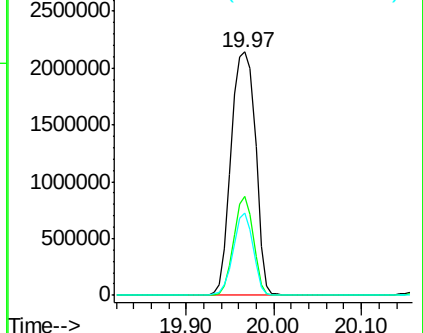


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 135.28 ng

RT: 20.16 min Scan# 2948

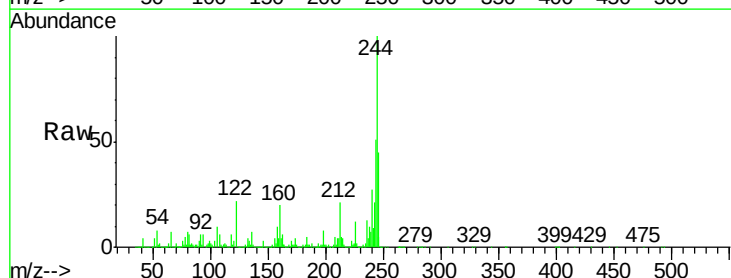
Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Tgt Ion:244 Resp: 4224619

Ion	Ratio	Lower	Upper
244	100		
212	21.2	10.8	16.2#
122	22.0	8.0	12.0#

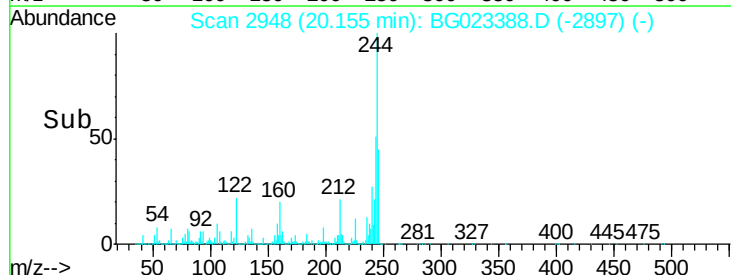
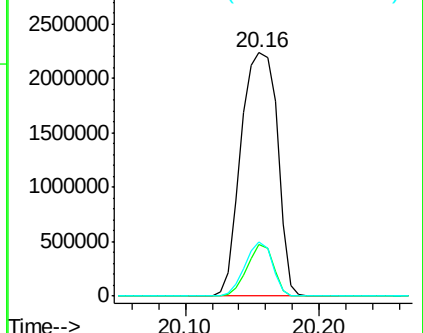


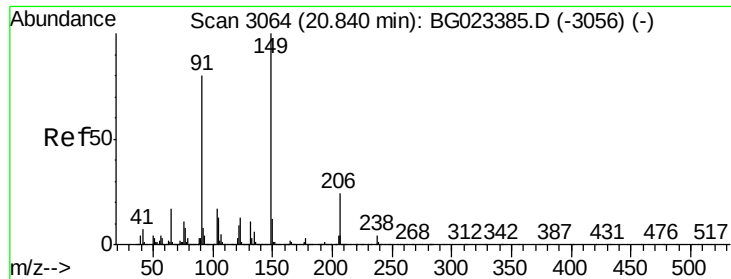
Abundance

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

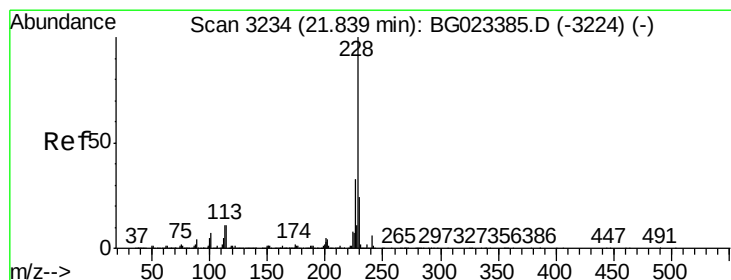
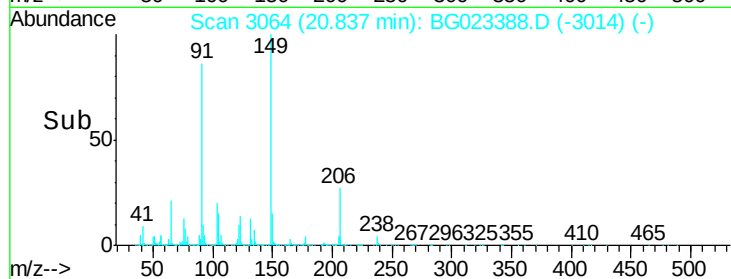
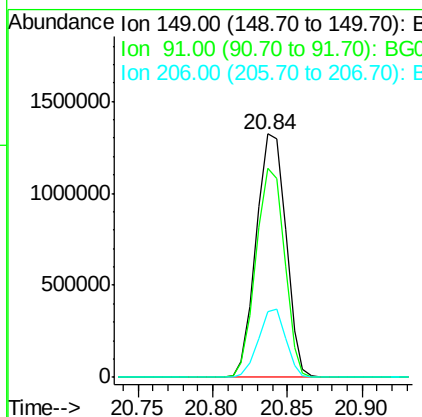
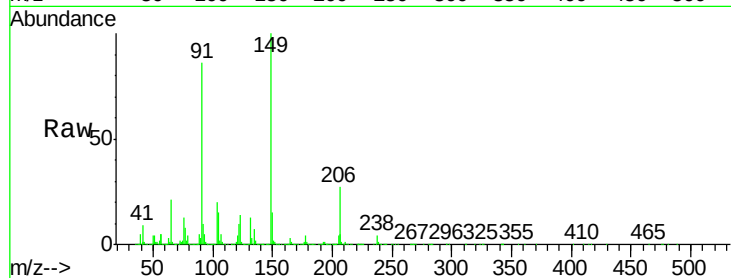




#79
Butylbenzylphthalate
Concen: 71.51 ng
RT: 20.84 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

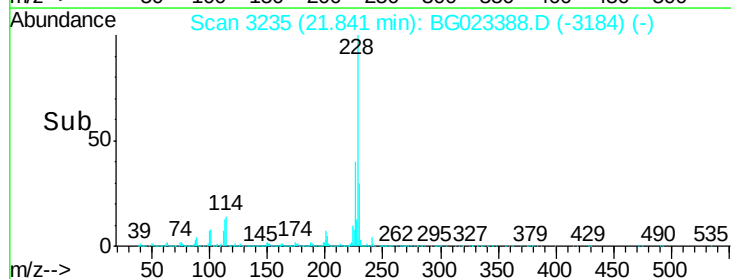
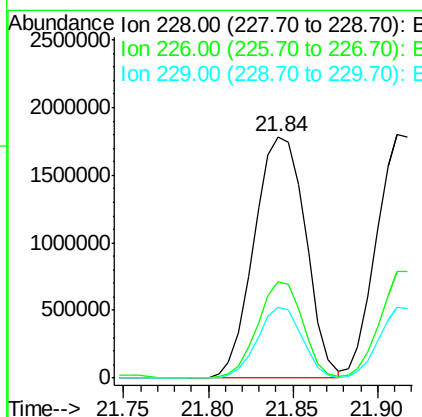
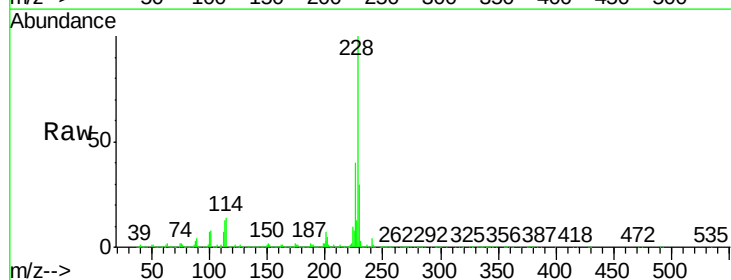
Instrument :
BNA_G
ClientSampleId :

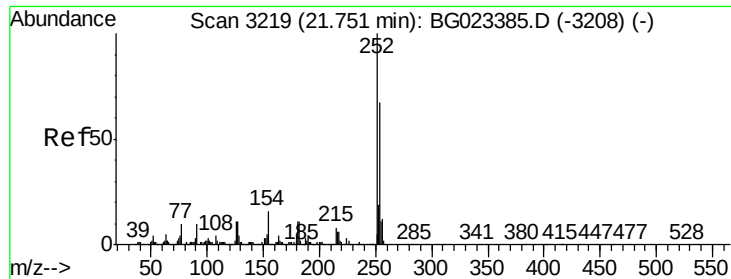
Tot Ion:149 Resp: 1812297
Ion Ratio Lower Upper
149 100
91 85.6 68.1 102.1
206 26.9 19.8 29.6



#80
Benzo(a)anthracene
Concen: 70.41 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG023388.D
Acq: 1 Aug 2016 17:57

Tgt Ion:228 Resp: 3742225
Ion Ratio Lower Upper
228 100
226 40.2 25.3 37.9#
229 29.6 19.9 29.9

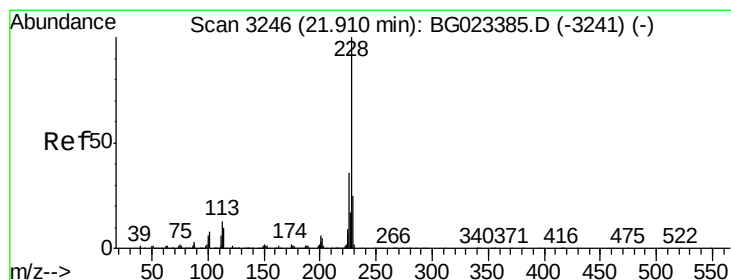
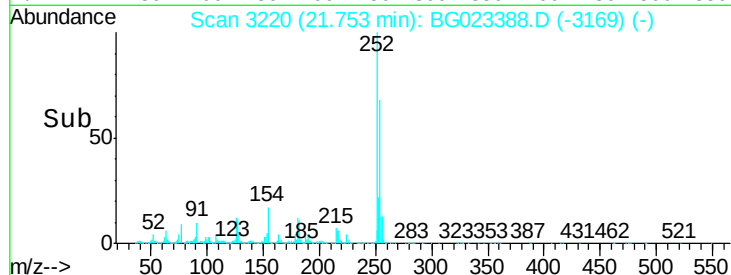
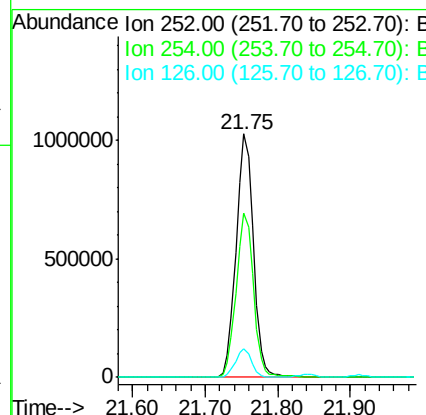
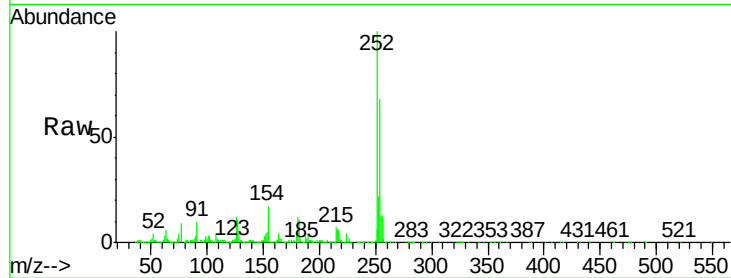




#81
 3,3'-Dichlorobenzidine
 Concen: 79.95 ng
 RT: 21.75 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

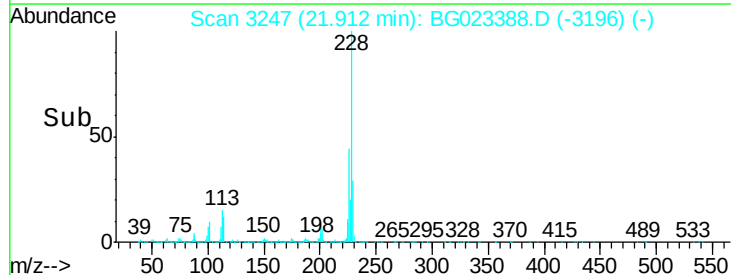
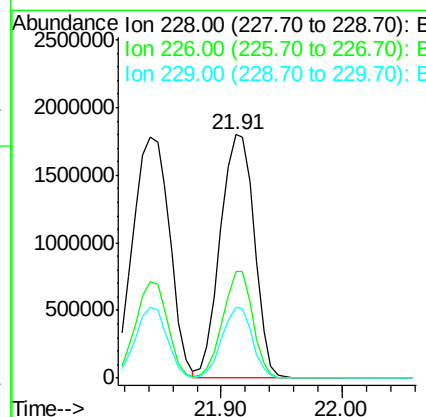
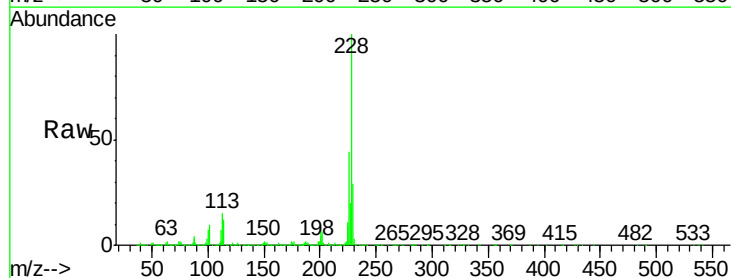
Instrument :
 BNA_G
 ClientSampleId :

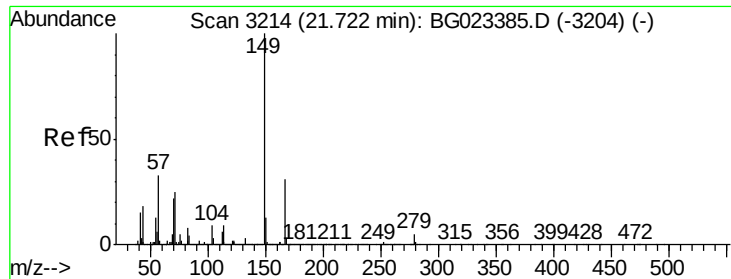
Tot Ion:252 Resp: 1722985
 Ion Ratio Lower Upper
 252 100
 254 67.7 51.2 76.8
 126 11.7 5.3 7.9#



#82
 Chrysene
 Concen: 68.28 ng
 RT: 21.91 min Scan# 3247
 Delta R.T. 0.00 min
 Lab File: BG023388.D
 Acq: 1 Aug 2016 17:57

Tgt Ion:228 Resp: 3506215
 Ion Ratio Lower Upper
 228 100
 226 44.0 26.7 40.1#
 229 29.1 17.4 26.2#





#83

Bis(2-ethylhexyl)phthalate

Concen: 67.39 ng

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

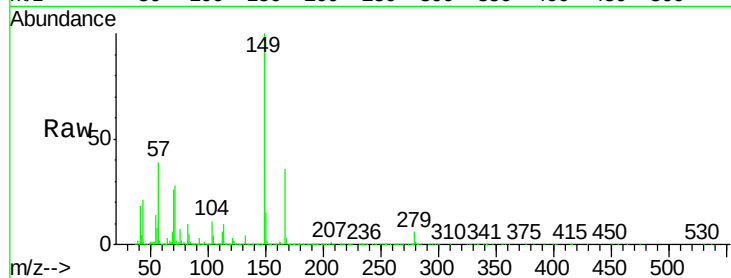
Tot Ion:149 Resp: 2389953

Ion	Ratio	Lower	Upper
149	100		
167	35.8	24.0	36.0
279	6.1	4.8	7.2

149 100

167 35.8 24.0 36.0

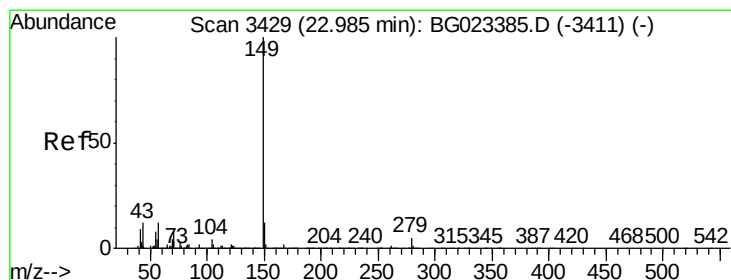
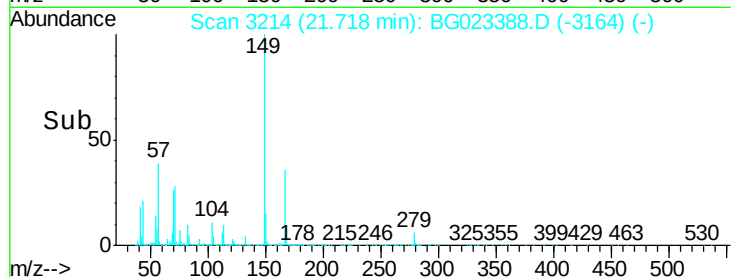
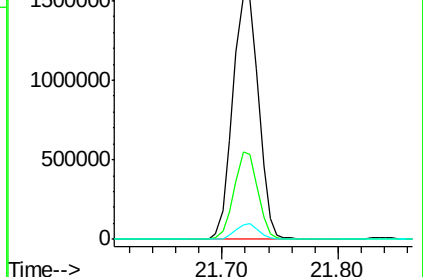
279 6.1 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 68.78 ng

RT: 22.99 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

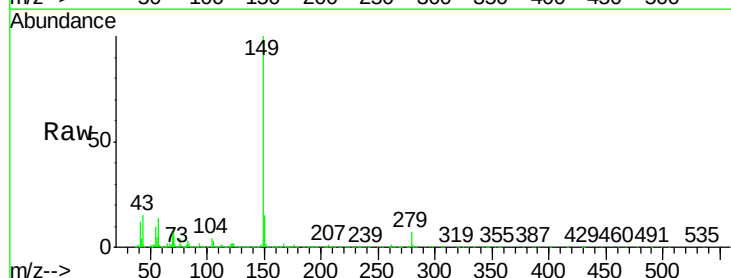
Tgt Ion:149 Resp: 3990342

Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.5	2.3
43	12.6	8.8	13.2

149 100

167 2.1 1.5 2.3

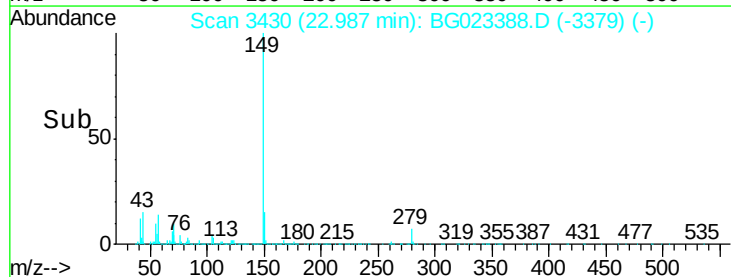
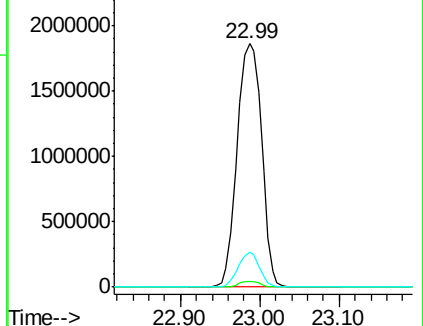
43 12.6 8.8 13.2

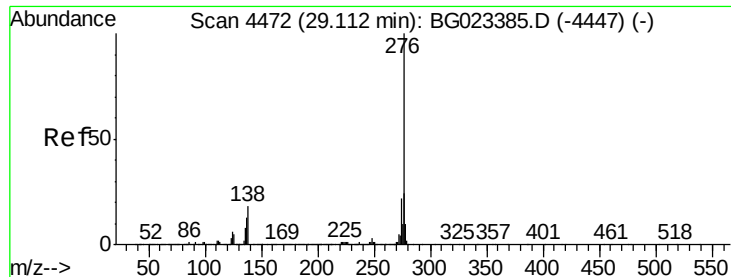


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 87.96 ng

RT: 29.13 min Scan# 4476

Delta R.T. 0.02 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampled :

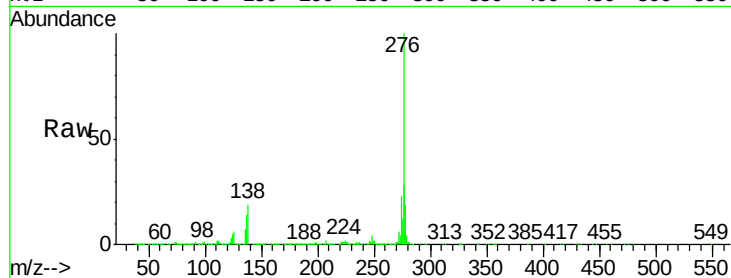
Tot Ion:276 Resp: 5269038

Ion Ratio Lower Upper

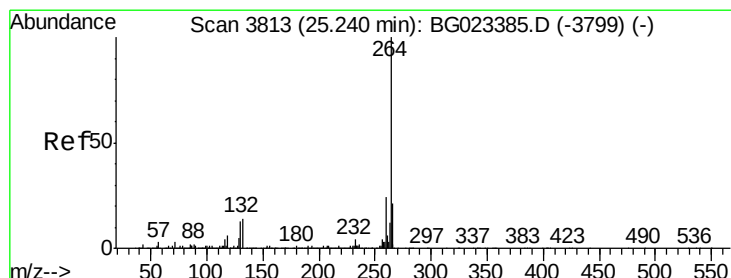
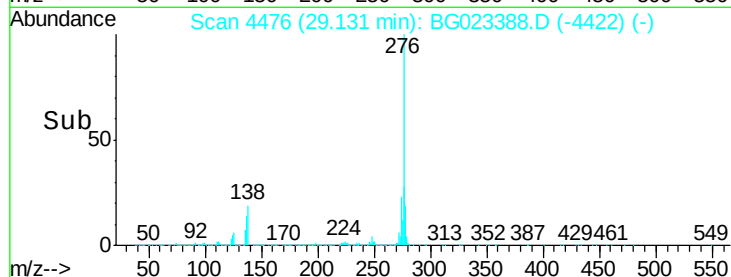
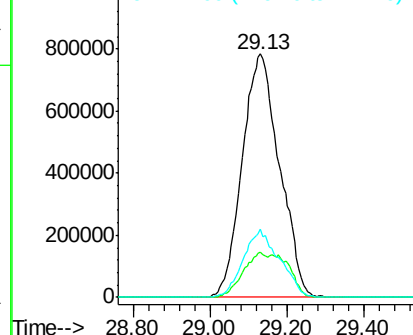
276 100

138 11.8 0.0 0.0#

277 27.1 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

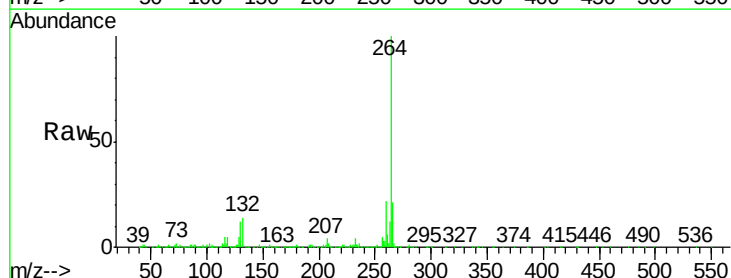
Tgt Ion:264 Resp: 1049009

Ion Ratio Lower Upper

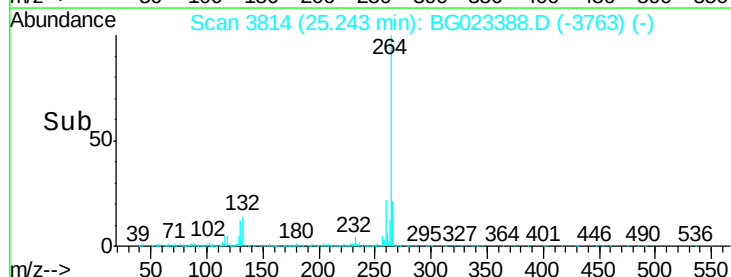
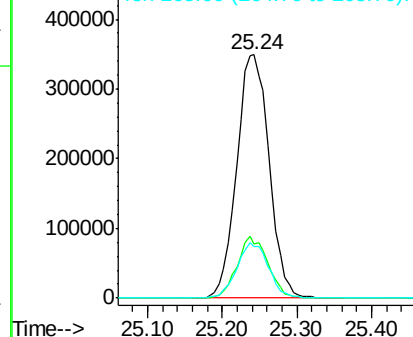
264 100

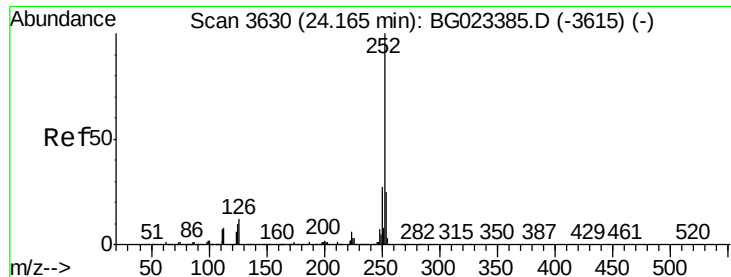
260 22.1 18.4 27.6

265 21.3 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 77.23 ng

RT: 24.17 min Scan# 3631

Delta R.T. 0.00 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

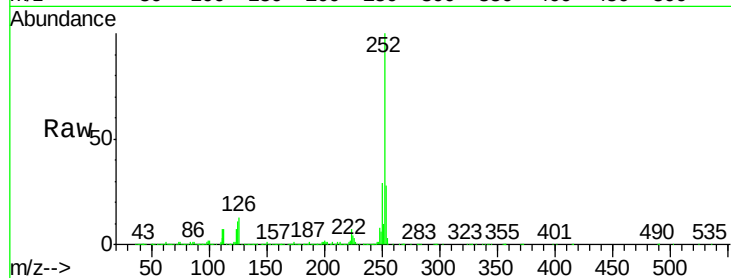
Tot Ion:252 Resp: 4303904

Ion Ratio Lower Upper

252 100

253 28.1 18.9 28.3

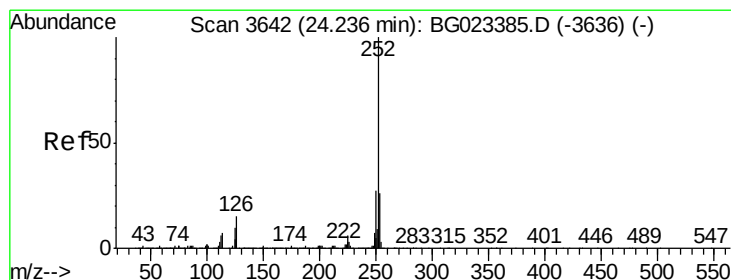
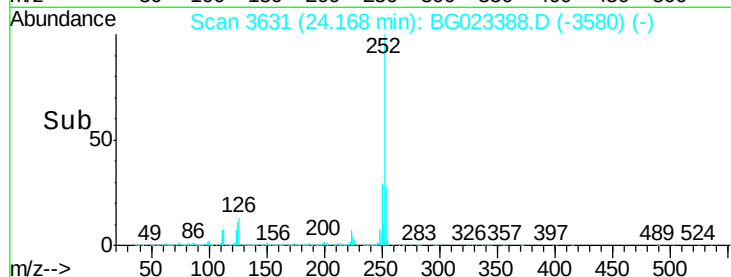
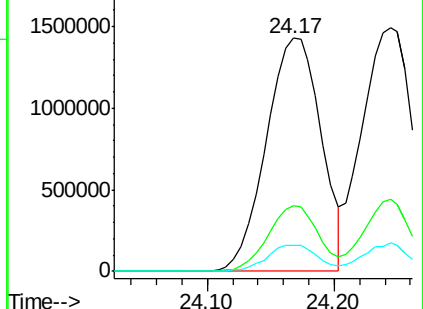
125 11.3 3.9 5.9#



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: 73.29 ng

RT: 24.24 min Scan# 3644

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

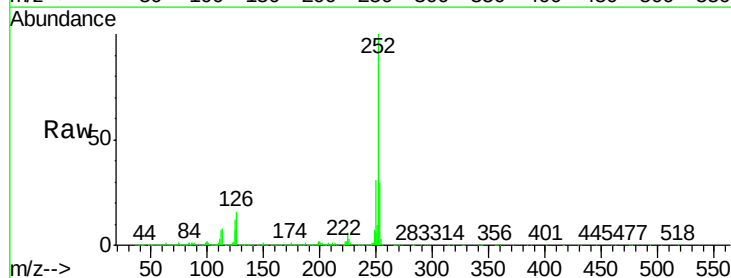
Tgt Ion:252 Resp: 4083226

Ion Ratio Lower Upper

252 100

253 29.5 18.8 28.2#

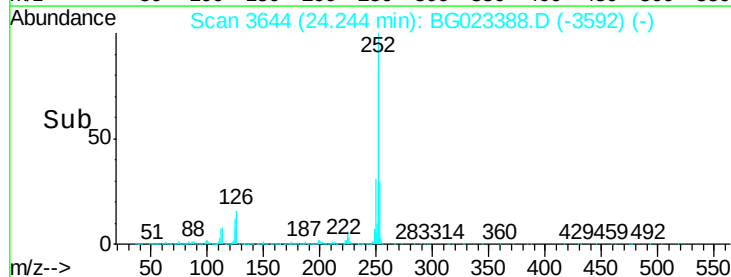
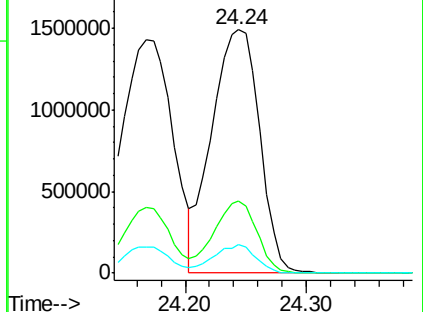
125 11.7 3.2 4.8#

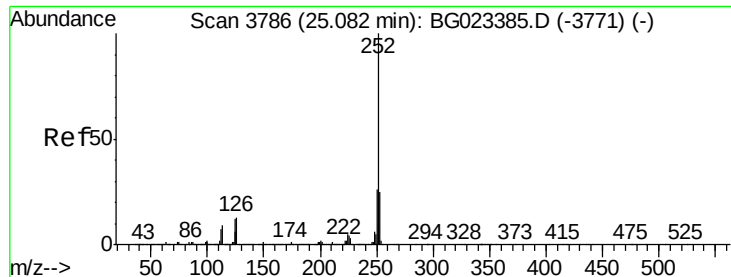


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 76.37 ng

RT: 25.09 min Scan# 3788

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

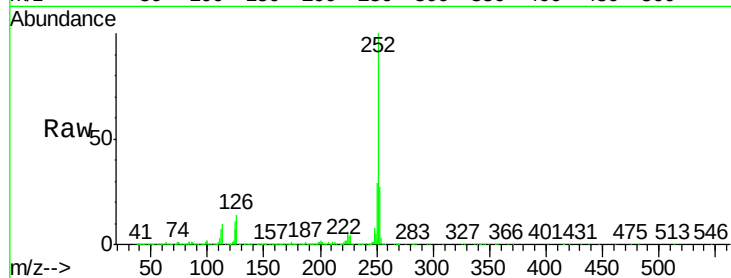
Tot Ion:252 Resp: 4170747

Ion Ratio Lower Upper

252 100

253 26.9 18.7 28.1

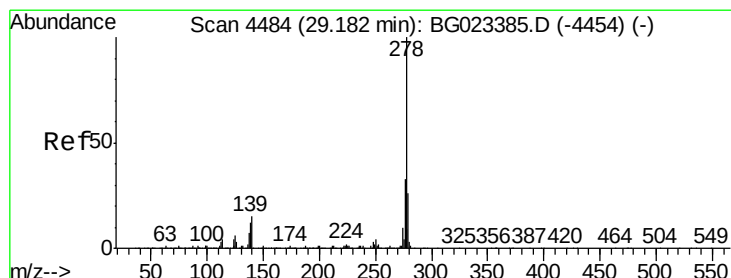
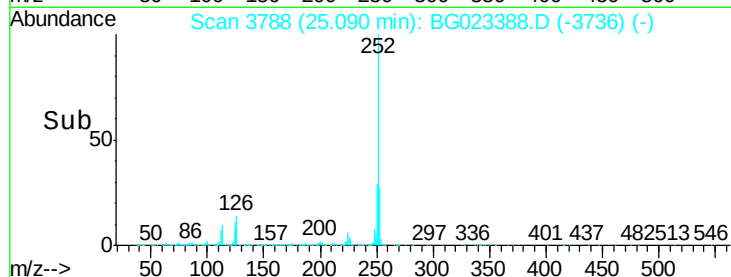
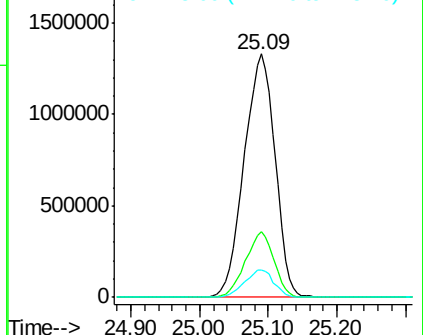
125 11.2 3.9 5.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 85.03 ng

RT: 29.19 min Scan# 4486

Delta R.T. 0.01 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

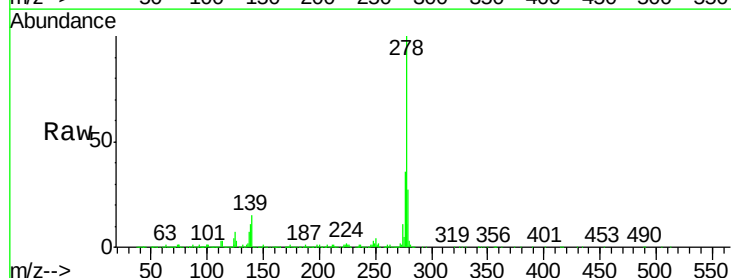
Tgt Ion:278 Resp: 4392507

Ion Ratio Lower Upper

278 100

139 15.1 4.7 7.1#

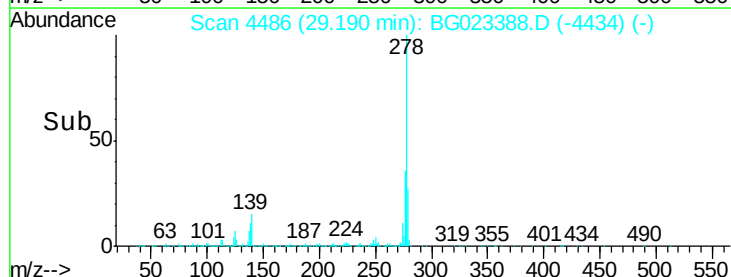
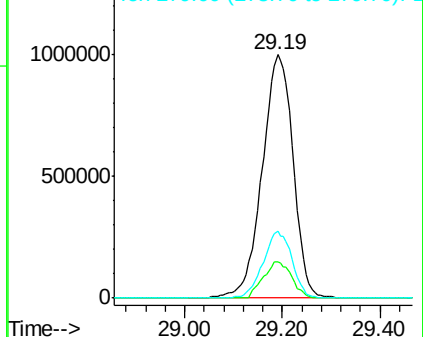
279 27.5 18.3 27.5

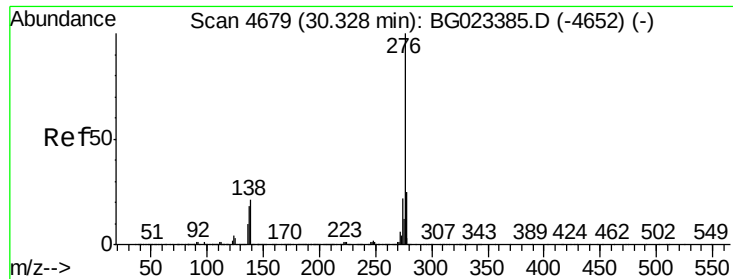


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 83.80 ng

RT: 30.35 min Scan# 4683

Delta R.T. 0.02 min

Lab File: BG023388.D

Acq: 1 Aug 2016 17:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 4557140

Ion Ratio Lower Upper

276 100

277 25.8 18.6 27.8

138 18.6 6.8 10.2#

