

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090816\
 Data File : BG023967.D
 Acq On : 8 Sep 2016 13:24
 Operator : UM/SJ
 Sample : H4680-29MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 08 14:02:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	38802	20.00	ng	0.03
21) Naphthalene-d8	10.94	136	185762	20.00	ng	0.02
38) Acenaphthene-d10	14.78	164	141921	20.00	ng	0.02
63) Phenanthrene-d10	17.54	188	383097	20.00	ng	0.02
75) Chrysene-d12	21.85	240	410472	20.00	ng	0.00
86) Perylene-d12	25.24	264	400269	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	397950	180.06	ng	0.02
7) Phenol-d6	7.28	99	629586	185.06	ng	0.02
23) Nitrobenzene-d5	9.29	82	457740	110.01	ng	0.02
41) 2,4,6-Tribromophenol	16.28	330	390211	152.61	ng	0.02
44) 2-Fluorobiphenyl	13.39	172	916294	92.57	ng	0.02
78) Terphenyl-d14	20.14	244	1583059	87.83	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	41539	45.57	ng	98
3) Pyridine	3.92	79	125451	45.80	ng	96
4) n-Nitrosodimethylamine	3.83	42	78756	54.54	ng	# 93
6) Aniline	7.44	93	211021	46.73	ng	96
8) 2-Chlorophenol	7.68	128	141086	55.10	ng	95
9) Benzaldehyde	7.25	77	23320	9.65	ng	# 79
10) Phenol	7.31	94	218991	61.19	ng	93
11) bis(2-Chloroethyl)ether	7.53	93	139657	49.60	ng	94
12) 1,3-Dichlorobenzene	8.00	146	144135	48.10	ng	97
13) 1,4-Dichlorobenzene	8.15	146	149664	47.14	ng	95
14) 1,2-Dichlorobenzene	8.47	146	141017	47.32	ng	92
15) Benzyl Alcohol	8.37	79	188780	62.94	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	183660	48.66	ng	91
17) 2-Methylphenol	8.57	107	144543	59.95	ng	97
18) Hexachloroethane	9.20	117	61155	50.03	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	161914	53.87	ng	93
20) 3+4-Methylphenols	8.91	107	203903	60.68	ng	96
22) Acetophenone	8.95	105	227242	47.25	ng	# 97
24) Nitrobenzene	9.33	77	243237	54.36	ng	98
25) Isophorone	9.86	82	420620	52.13	ng	96
26) 2-Nitrophenol	10.06	139	91829	53.98	ng	95
27) 2,4-Dimethylphenol	10.12	122	155835	53.91	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	219435	53.86	ng	94
29) 2,4-Dichlorophenol	10.60	162	178625	58.32	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	171443	51.04	ng	95
31) Naphthalene	11.00	128	471863	49.30	ng	97
32) Benzoic acid	10.25	122	23187	9.88	ng	88
33) 4-Chloroaniline	11.11	127	136778	34.22	ng	# 90
34) Hexachlorobutadiene	11.27	225	124987	49.54	ng	91
35) Caprolactam	11.92	113	61521	56.99	ng	98
36) 4-Chloro-3-methylphenol	12.25	107	220920	53.98	ng	96
37) 2-Methylnaphthalene	12.60	142	383481	52.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	212540	45.12	ng	99
40) Hexachlorocyclopentadiene	12.94	237	257967	89.92	ng	98

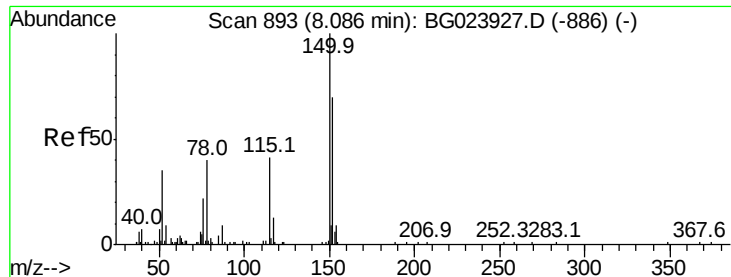
Data Path : Z:\HPCHEM1\BNA G\DATA\BG090816\
 Data File : BG023967.D
 Acq On : 8 Sep 2016 13:24
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	168657	53.65	nq	98
43) 2,4,5-Trichlorophenol	13.31	196	177733	55.93	nq	93
45) 1,1'-Biphenyl	13.61	154	478038	41.88	nq	99
46) 2-Chloronaphthalene	13.65	162	423936	50.59	nq	98
47) 2-Nitroaniline	13.87	65	195457	59.21	nq	98
48) Acenaphthylene	14.50	152	689412	49.35	nq	97
49) Dimethylphthalate	14.23	163	1089988	89.57	nq	98
50) 2,6-Dinitrotoluene	14.36	165	133940	52.14	nq	92
51) Acenaphthene	14.84	154	427947	49.55	nq	98
52) 3-Nitroaniline	14.70	138	109460	45.55	nq	90
53) 2,4-Dinitrophenol	14.92	184	125526	67.91	nq	92
54) Dibenzofuran	15.18	168	723311	53.66	nq	99
55) 4-Nitrophenol	15.03	139	196239	102.64	nq	92
56) 2,4-Dinitrotoluene	15.16	165	200262	53.03	nq	93
57) Fluorene	15.83	166	598107	51.17	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	190751	59.14	nq	95
59) Diethylphthalate	15.59	149	647340	49.83	nq	99
60) 4-Chlorophenyl-phenylether	15.81	204	324753	51.61	nq	96
61) 4-Nitroaniline	15.87	138	127443	52.46	nq	95
62) Azobenzene	16.11	77	727837	57.85	nq	95
64) 4,6-Dinitro-2-methylphenol	15.93	198	131531	49.45	nq	89
65) n-Nitrosodiphenylamine	16.04	169	554462	50.96	nq	98
66) 4-Bromophenyl-phenylether	16.71	248	238311	51.13	nq	100
67) Hexachlorobenzene	16.84	284	242191	44.30	nq	95
68) Atrazine	16.99	200	238856	51.02	nq	95
69) Pentachlorophenol	17.19	266	278692	95.99	nq	98
70) Phenanthrene	17.58	178	1029443	51.65	nq	97
71) Anthracene	17.68	178	1054731	51.88	nq	98
72) Carbazole	17.95	167	920056	49.88	nq	96
73) Di-n-butylphthalate	18.48	149	1080619	49.10	nq	98
74) Fluoranthene	19.59	202	1221260	50.90	nq	96
76) Benzidine	19.78	184	665817	52.38	nq	98
77) Pyrene	19.96	202	1225376	48.54	nq	95
79) Butylbenzylphthalate	20.82	149	496635	51.03	nq	100
80) Benzo(a)anthracene	21.83	228	1209595	52.64	nq	95
81) 3,3'-Dichlorobenzidine	21.74	252	310335	33.79	nq	# 97
82) Chrysene	21.90	228	1129897	51.66	nq	98
83) Bis(2-ethylhexyl)phthalate	21.70	149	670541	50.32	nq	95
84) Di-n-octyl phthalate	22.96	149	1117815	51.15	nq	99
85) Indeno(1,2,3-cd)pyrene	29.13	276	1375470	56.80	nq	# 100
87) Benzo(b)fluoranthene	24.16	252	1249279	54.94	nq	98
88) Benzo(k)fluoranthene	24.23	252	1154868	51.22	nq	99
89) Benzo(a)pyrene	25.07	252	1188864	55.06	nq	# 97
90) Dibenzo(a,h)anthracene	29.17	278	1130492	53.24	nq	# 97
91) Benzo(g,h,i)perylene	30.34	276	1149555	56.29	nq	# 98

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

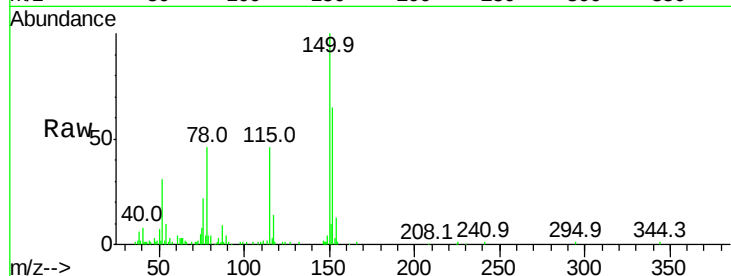


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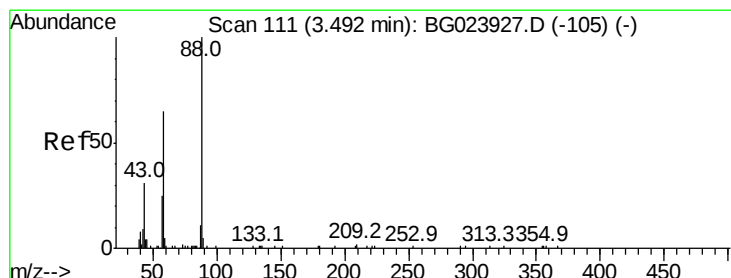
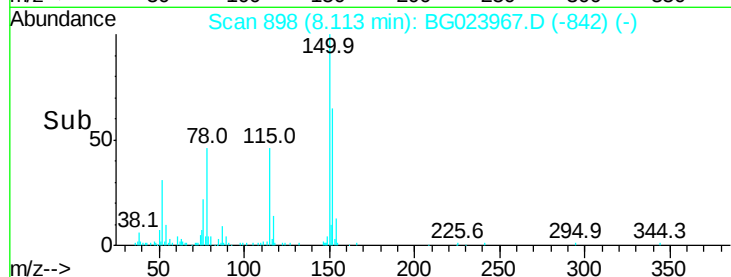
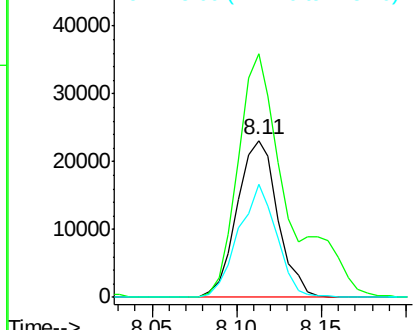
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. 0.03 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 38802
Ion Ratio Lower Upper
152 100
150 155.0 144.7 217.1
115 71.9 64.0 96.0



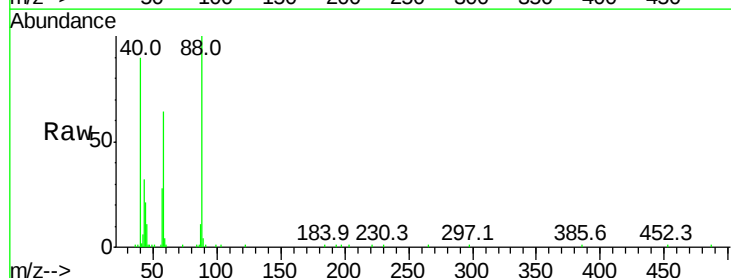
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



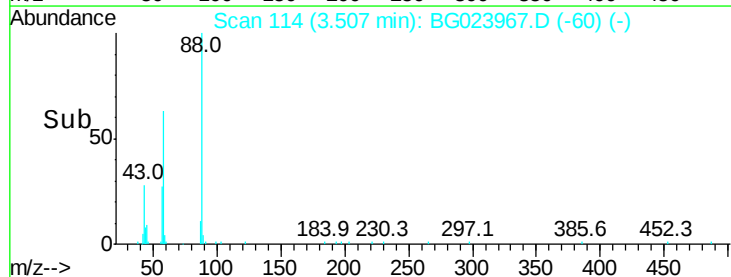
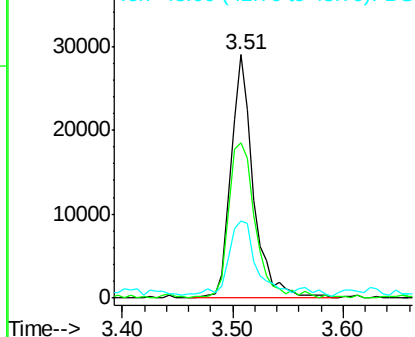
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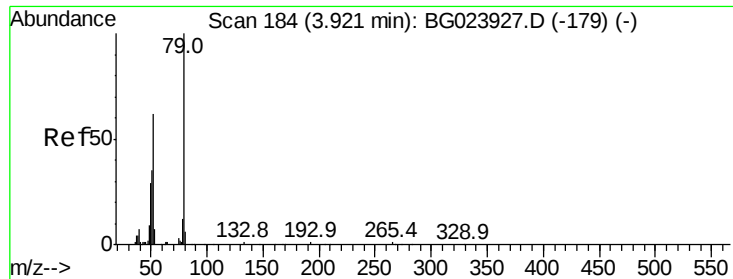
1,4-Dioxane
Concen: 45.57 ng
RT: 3.51 min Scan# 114
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion: 88 Resp: 41539
Ion Ratio Lower Upper
88 100
58 76.2 60.4 90.6
43 35.8 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: 45.80 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.00 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

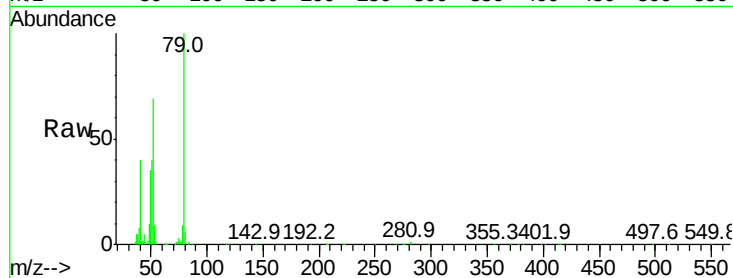
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 125451

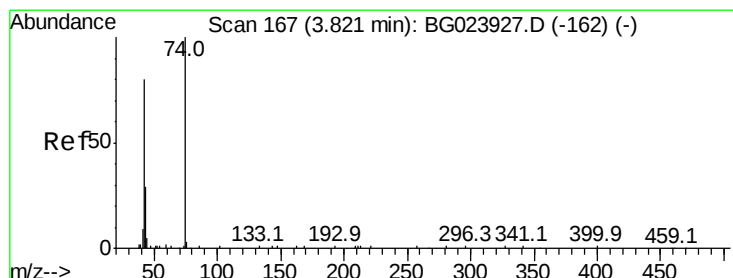
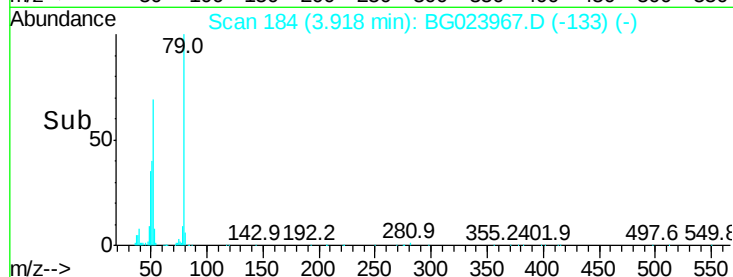
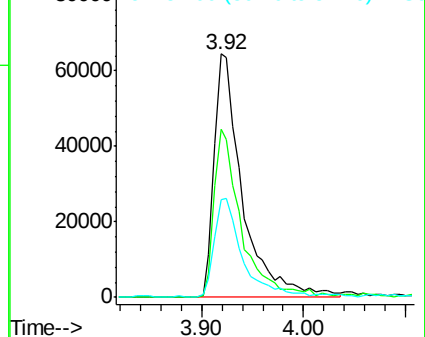
Ion	Ratio	Lower	Upper
79	100		
52	69.2	51.8	77.8
51	40.1	32.7	49.1



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: 54.54 ng

RT: 3.83 min Scan# 169

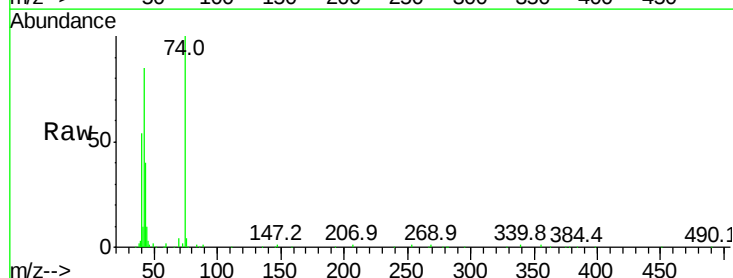
Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Tgt Ion: 42 Resp: 78756

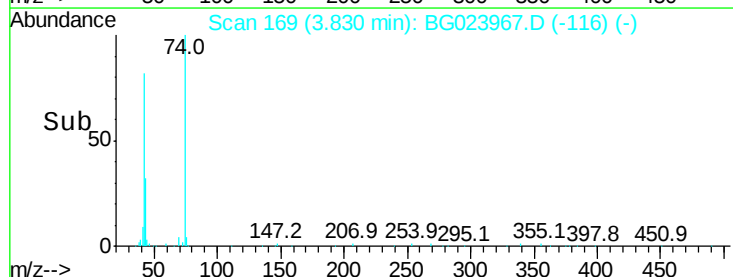
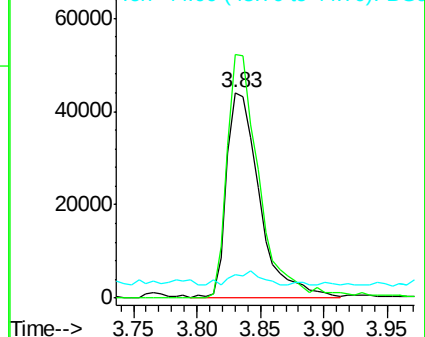
Ion	Ratio	Lower	Upper
42	100		
74	118.3	100.6	150.8
44	11.3	4.5	6.7

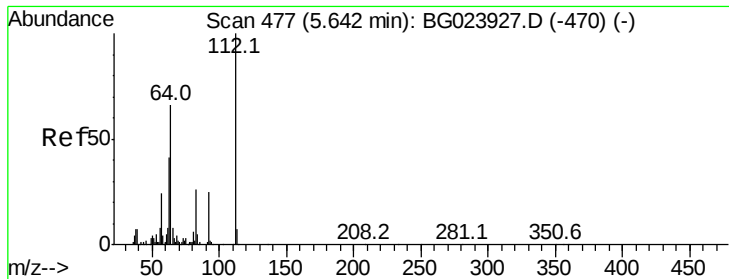


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 180.06 ng

RT: 5.66 min Scan# 480

Delta R.T. 0.02 min

Lab File: BG023967.D

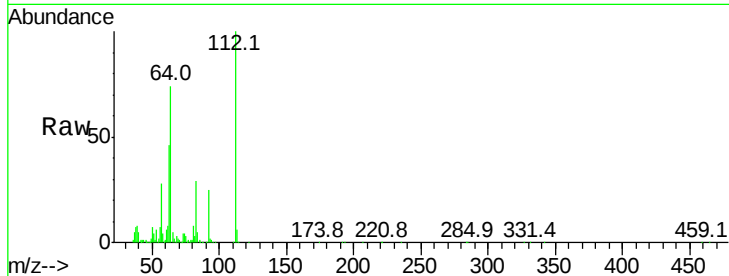
Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

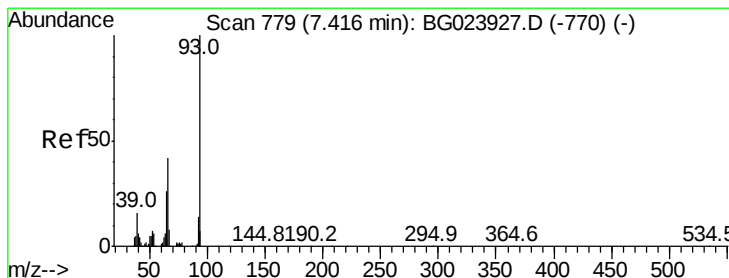
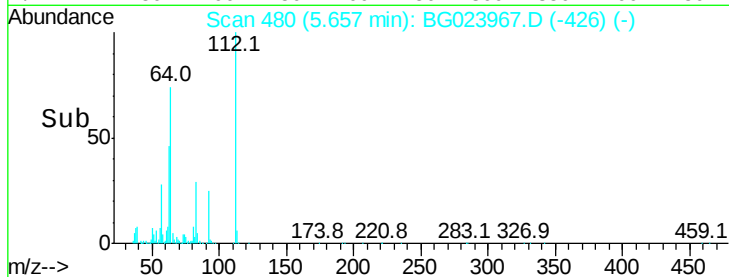
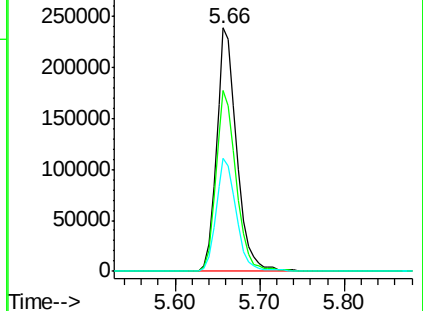
Tot Ion:	112	Resp:	397950
Ion	Ratio	Lower	Upper
112	100		
64	74.4	59.0	88.4
63	46.2	37.8	56.8



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: 46.73 ng

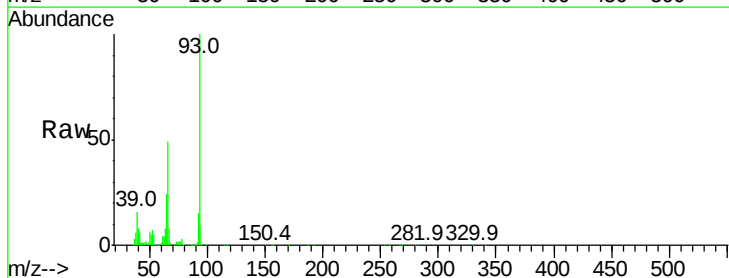
RT: 7.44 min Scan# 783

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

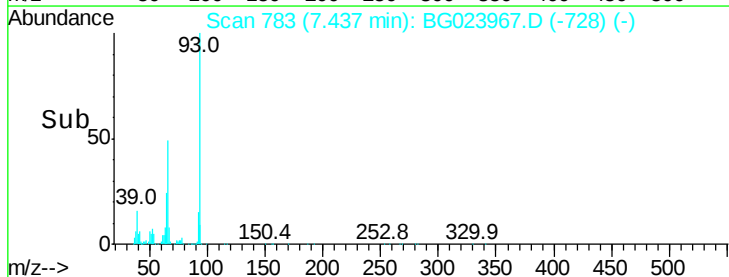
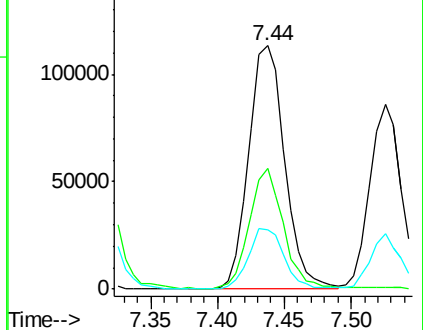
Tgt Ion:	93	Resp:	211021
Ion	Ratio	Lower	Upper
93	100		
66	49.4	37.5	56.3
65	24.3	17.9	26.9

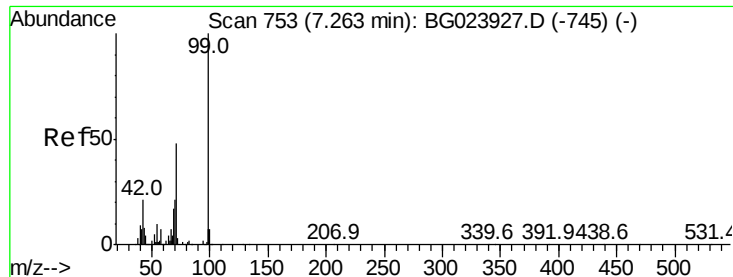


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 185.06 ng

RT: 7.28 min Scan# 757

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampled :

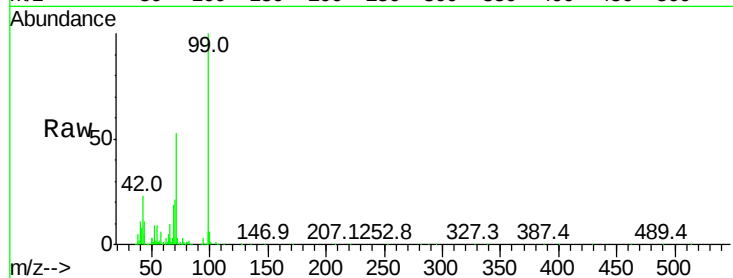
Tot Ion: 99 Resp: 629586

Ion Ratio Lower Upper

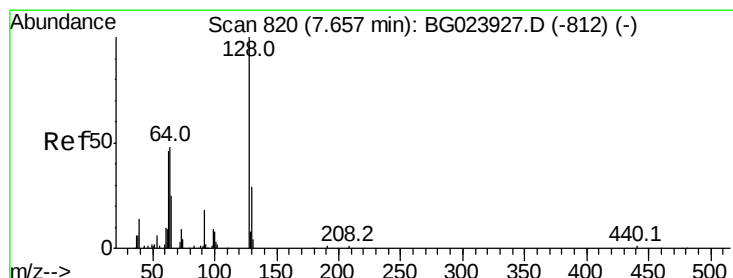
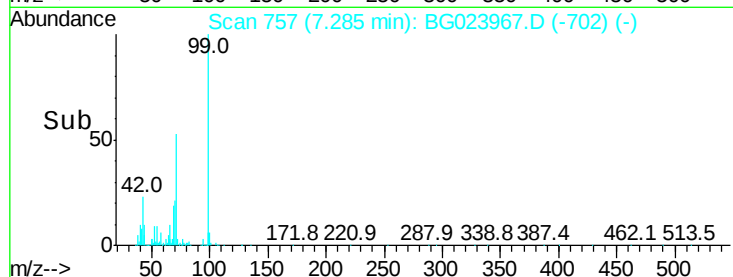
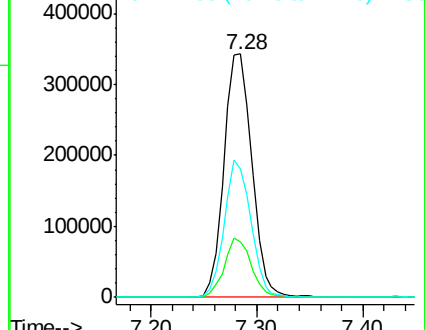
99 100

42 23.0 17.8 26.6

71 52.6 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



#8

2-Chlorophenol

Concen: 55.10 ng

RT: 7.68 min Scan# 824

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

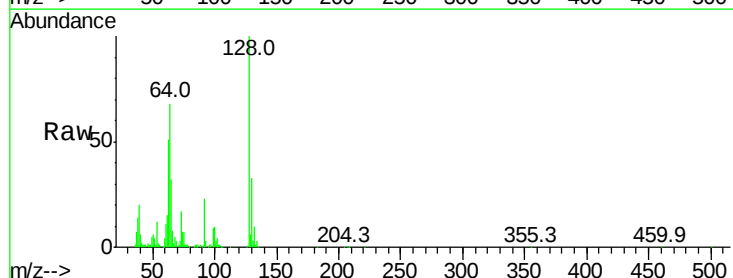
Tgt Ion: 128 Resp: 141086

Ion Ratio Lower Upper

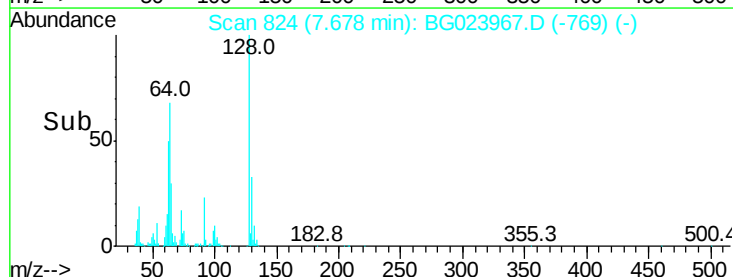
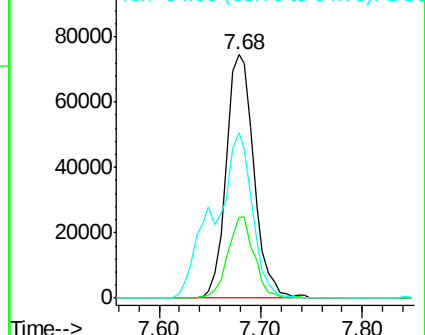
128 100

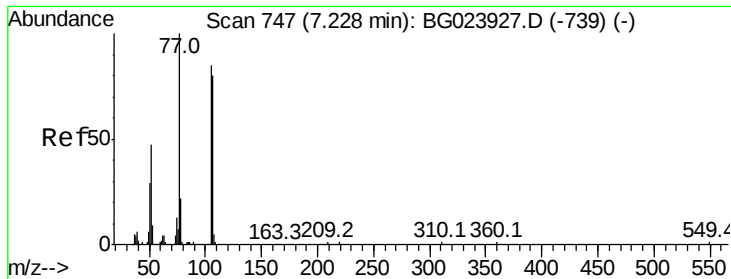
130 33.3 12.9 52.9

64 67.9 42.0 82.0



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





#9

Benzaldehyde

Concen: 9.65 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

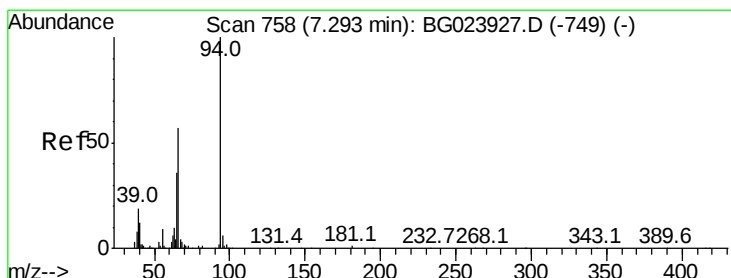
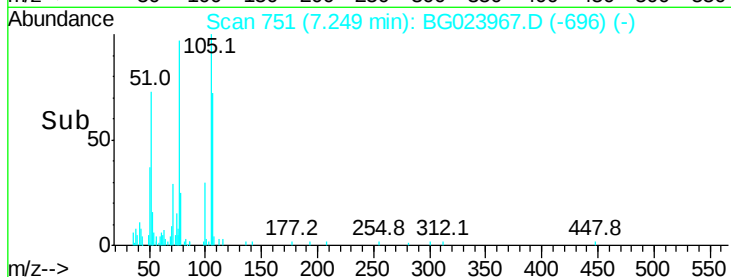
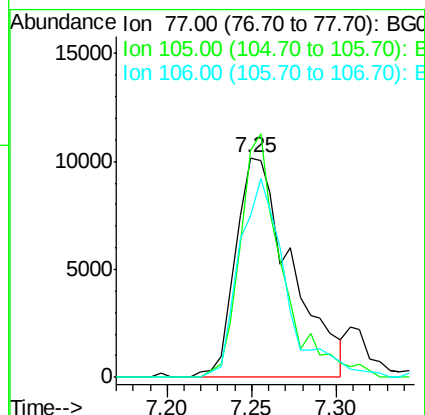
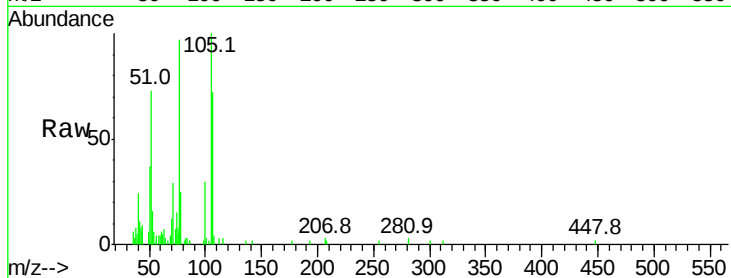
Tot Ion: 77 Resp: 23320

Ion Ratio Lower Upper

77 100

105 103.1 58.7 98.7#

106 73.7 67.5 107.5



#10

Phenol

Concen: 61.19 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

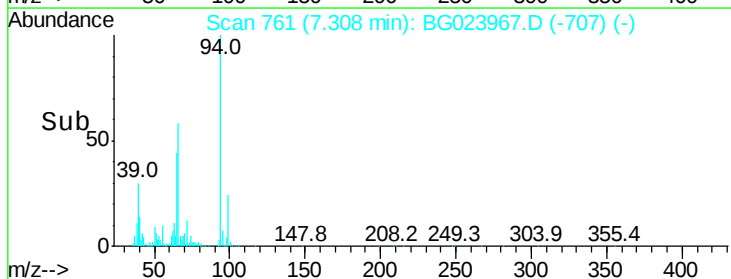
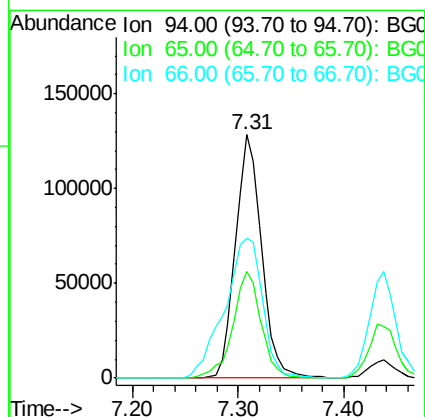
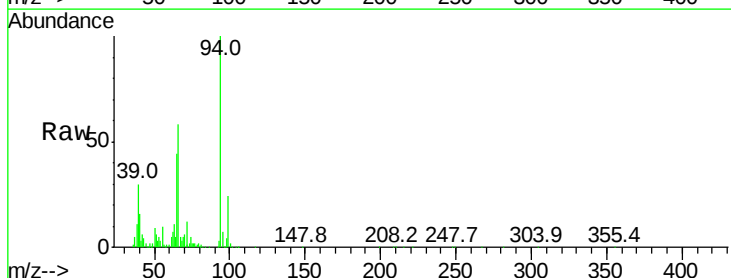
Tgt Ion: 94 Resp: 218991

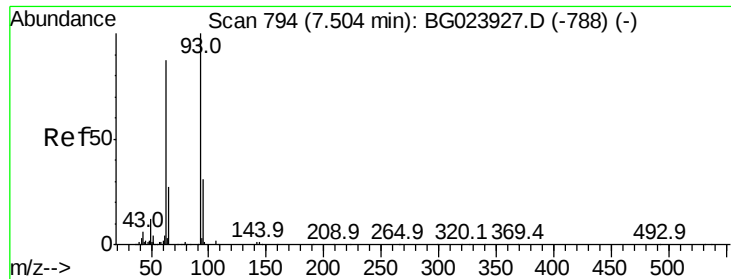
Ion Ratio Lower Upper

94 100

65 43.7 18.1 58.1

66 57.6 42.1 82.1

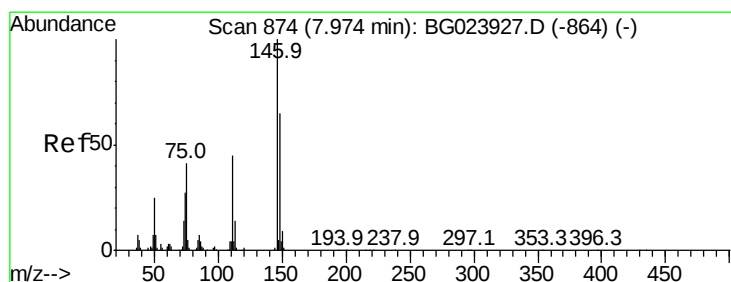
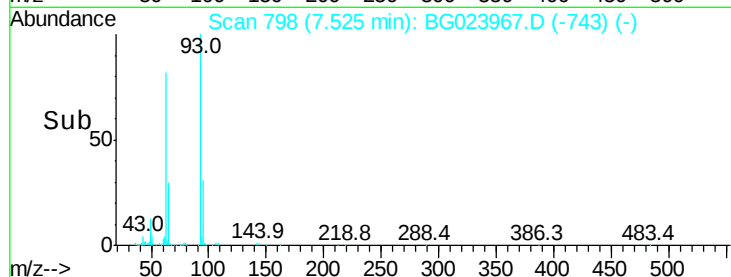
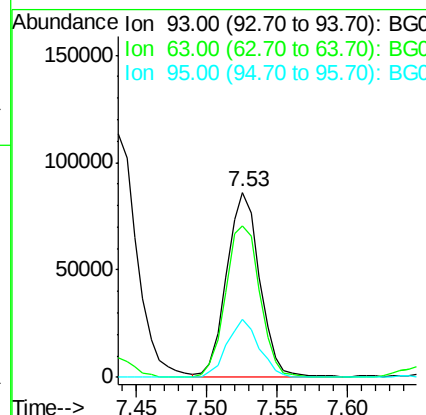
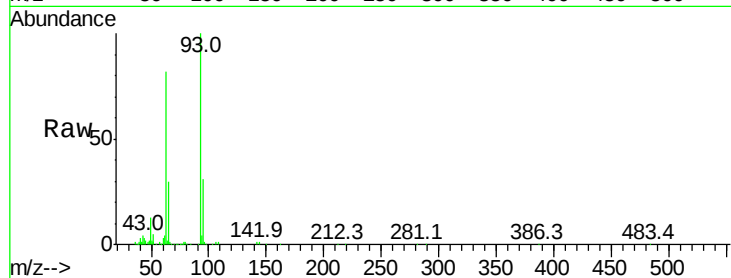




#11
bis(2-Chloroethyl)ether
Concen: 49.60 ng
RT: 7.53 min Scan# 798
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

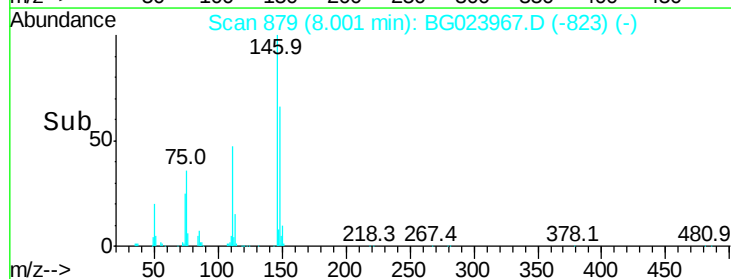
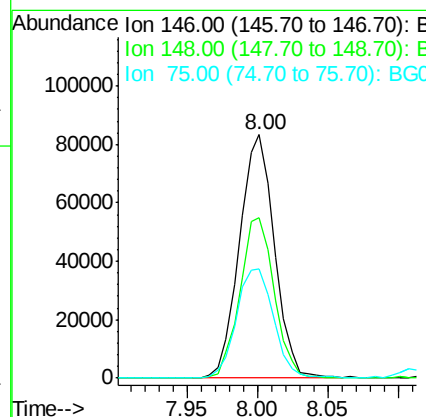
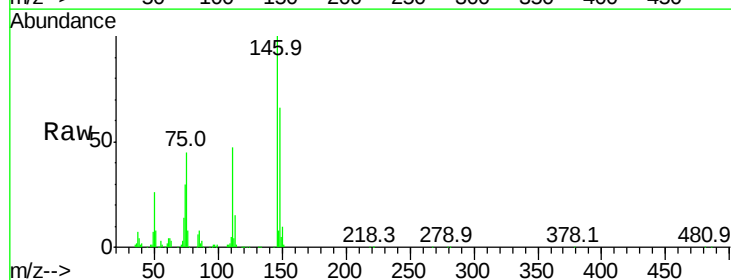
Instrument :
BNA_G
ClientSampleId :

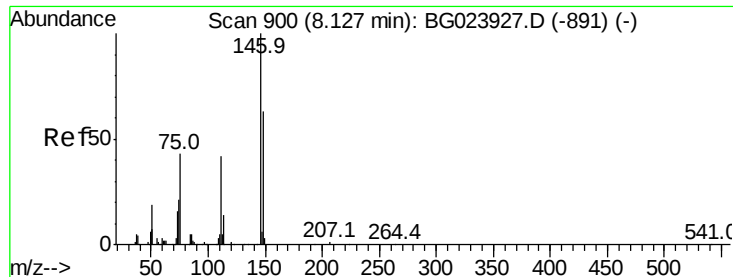
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.1	55.0	95.0
95	31.4	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 48.10 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.03 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.3	75.5
75	44.7	37.0	55.6

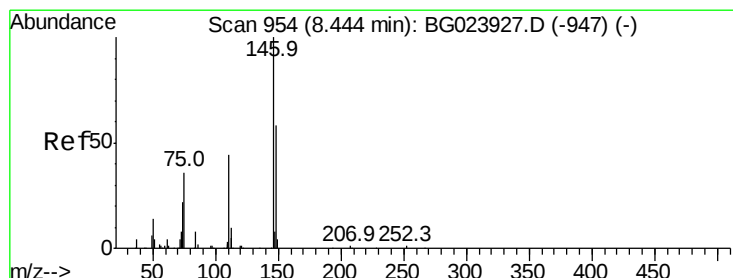
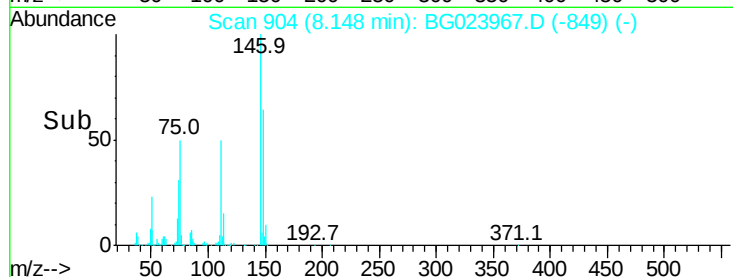
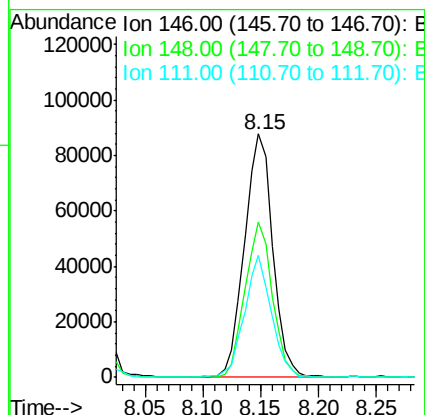
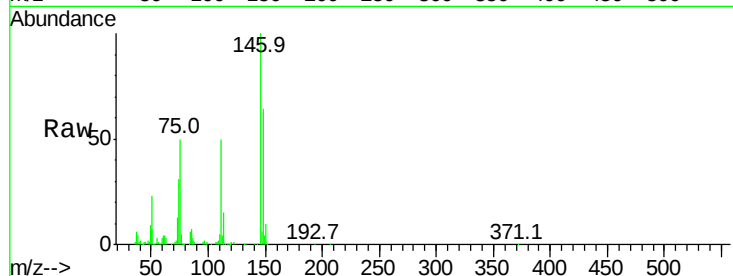




#13
 1,4-Dichlorobenzene
 Concen: 47.14 ng
 RT: 8.15 min Scan# 904
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

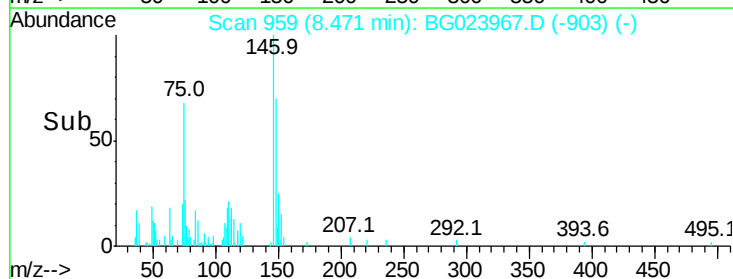
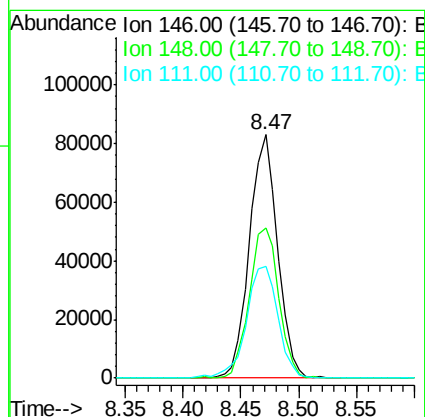
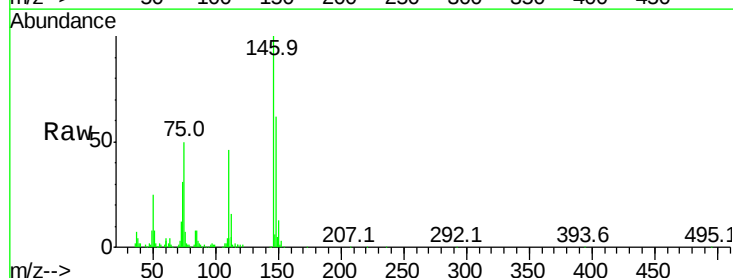
Instrument :
 BNA_G
 ClientSampleId :

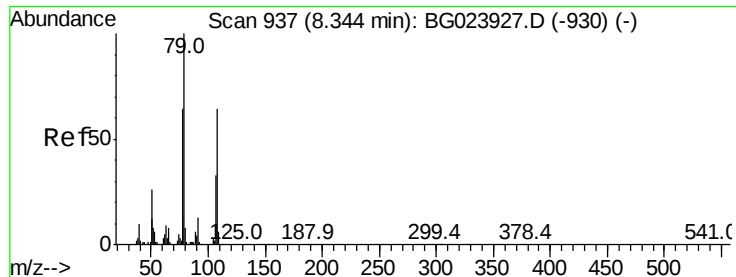
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	54.5	81.7
111	50.2	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 47.32 ng
 RT: 8.47 min Scan# 959
 Delta R.T. 0.03 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.9	79.3
111	46.2	43.5	65.3





#15

Benzyl Alcohol

Concen: 62.94 ng

RT: 8.37 min Scan# 941

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

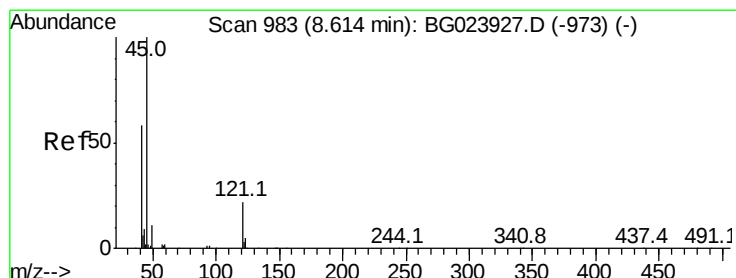
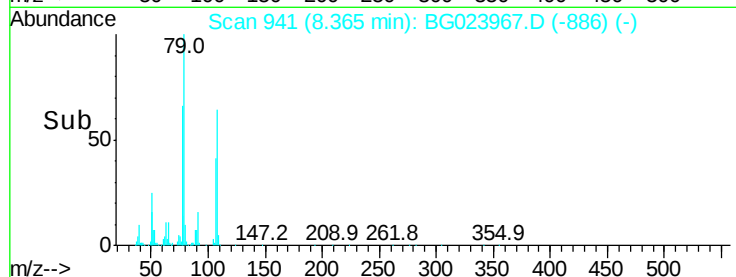
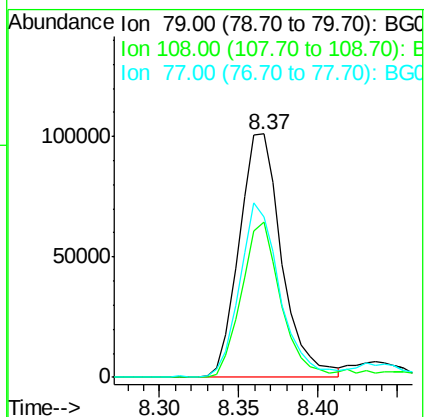
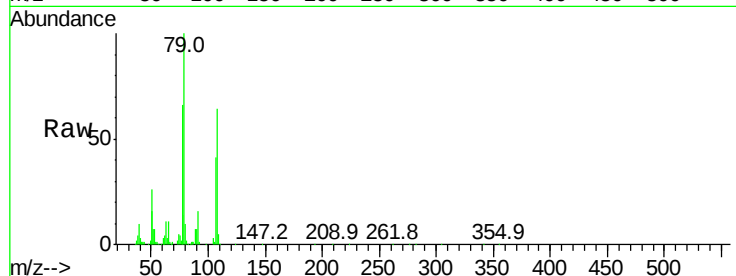
Tot Ion: 79 Resp: 188780

Ion	Ratio	Lower	Upper
79	100		
108	63.7	46.5	69.7
77	65.8	52.3	78.5

79 100

108 63.7 46.5 69.7

77 65.8 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.66 ng

RT: 8.64 min Scan# 988

Delta R.T. 0.03 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

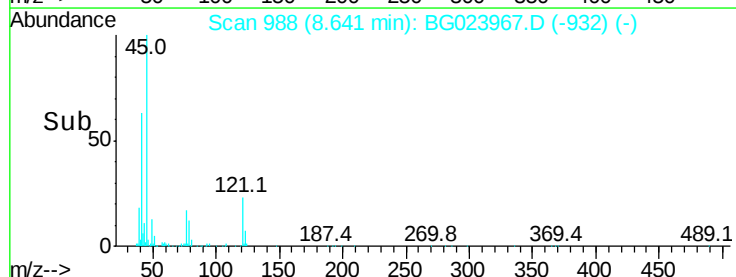
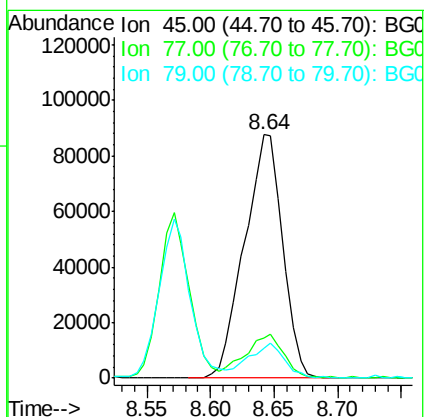
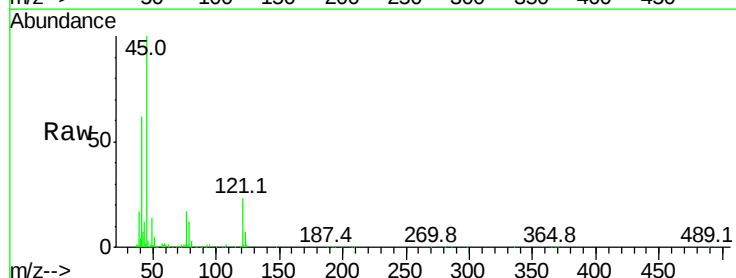
Tgt Ion: 45 Resp: 183660

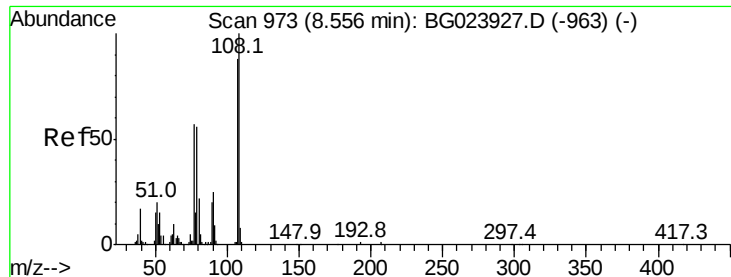
Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.6	40.6
79	12.2	0.0	36.2

45 100

77 16.7 0.6 40.6

79 12.2 0.0 36.2





#17

2-Methylphenol

Concen: 59.95 ng

RT: 8.57 min Scan# 976

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 144543

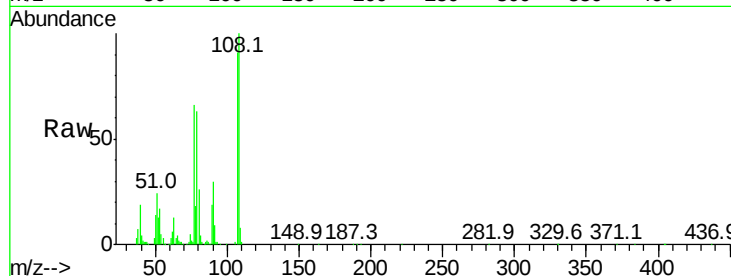
Ion Ratio Lower Upper

107 100

108 109.4 92.0 138.0

77 72.0 55.8 83.6

79 69.1 55.0 82.6

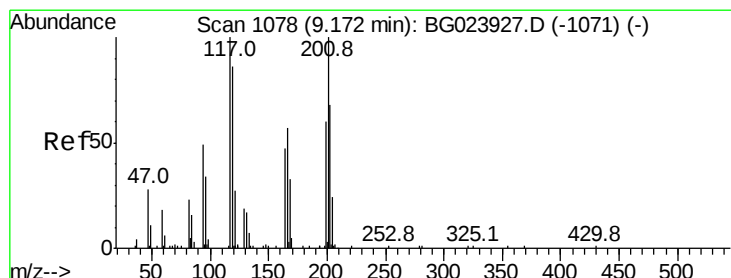
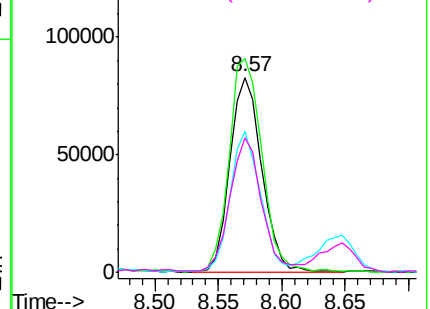
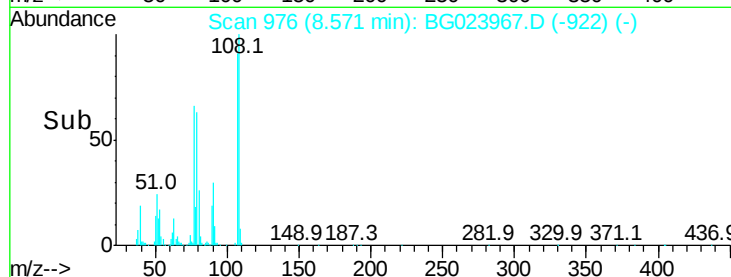


Abundance Ion 107.00 (106.70 to 107.70): E

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: 50.03 ng

RT: 9.20 min Scan# 1083

Delta R.T. 0.03 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

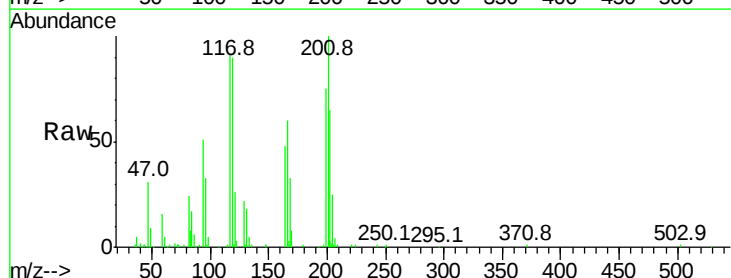
Tgt Ion:117 Resp: 61155

Ion Ratio Lower Upper

117 100

119 98.9 73.7 110.5

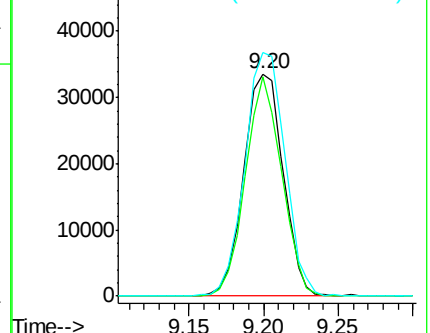
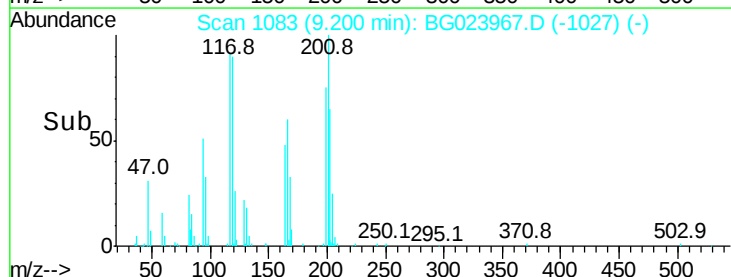
201 109.7 88.7 133.1

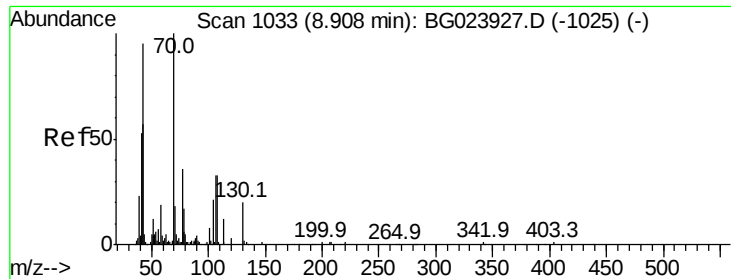


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

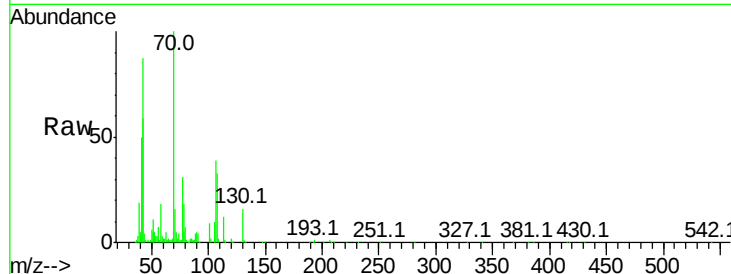




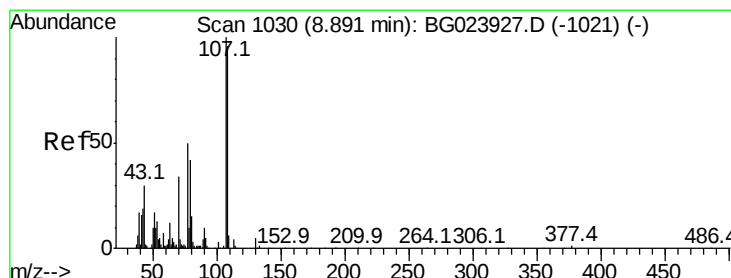
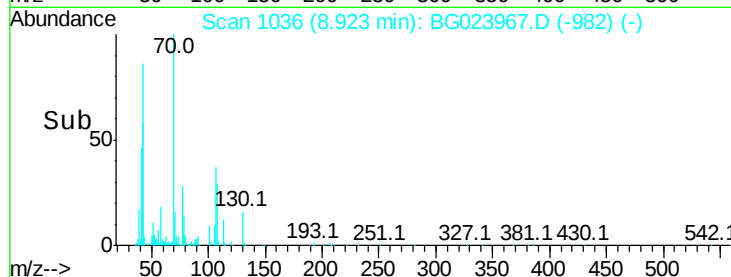
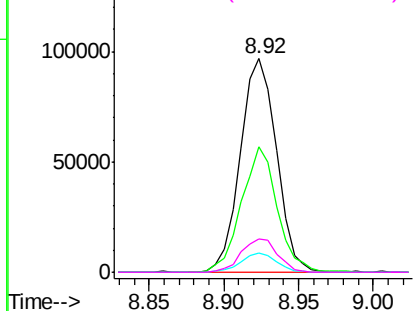
#19
n-Nitroso-di-n-propylamine
Concen: 53.87 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 161914
Ion Ratio Lower Upper
70 100
42 58.5 42.1 63.1
101 9.0 7.2 10.8
130 15.7 14.2 21.2



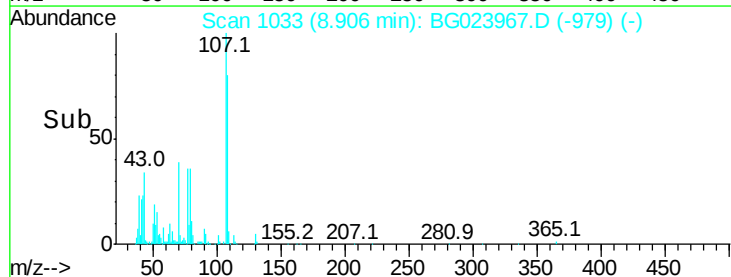
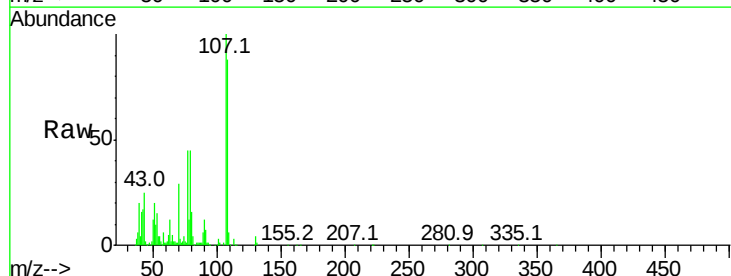
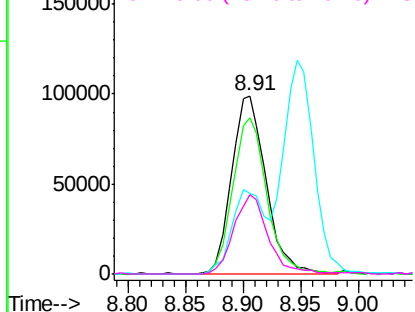
Abundance Ion 70.00 (69.70 to 70.70): BGC
150000
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

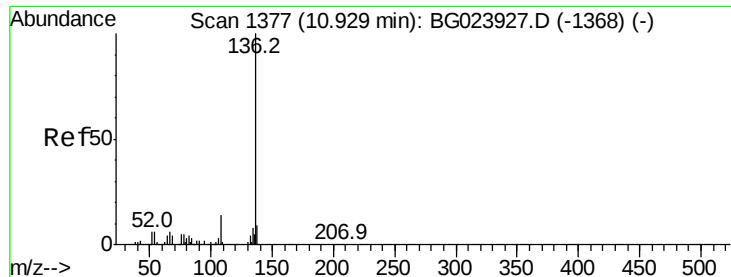


#20
3+4-Methylphenols
Concen: 60.68 ng
RT: 8.91 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion: 107 Resp: 203903
Ion Ratio Lower Upper
107 100
108 88.0 72.5 112.5
77 45.2 30.1 70.1
79 44.5 24.2 64.2

Abundance Ion 107.00 (106.70 to 107.70): BGC
150000
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

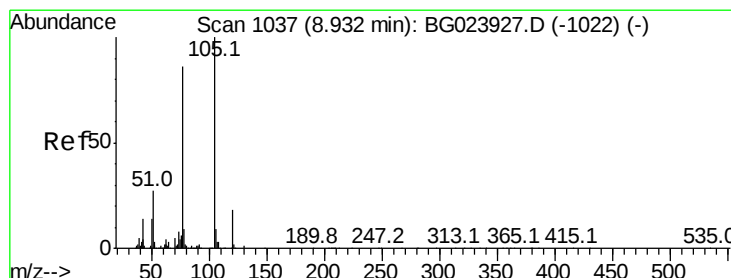
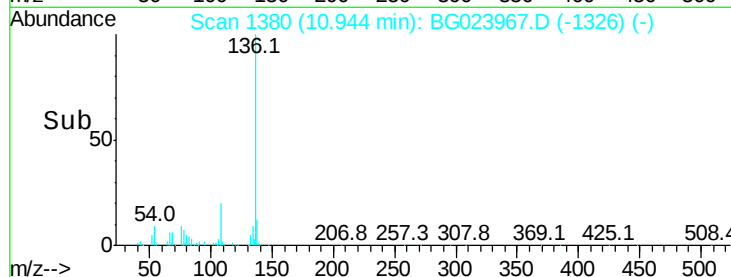
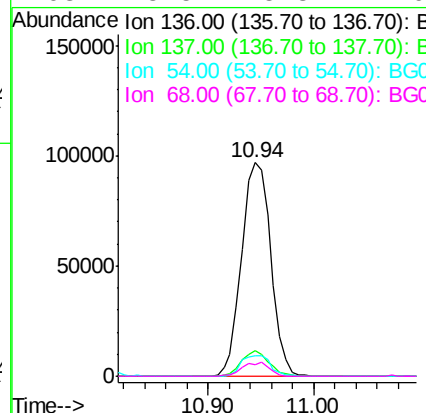
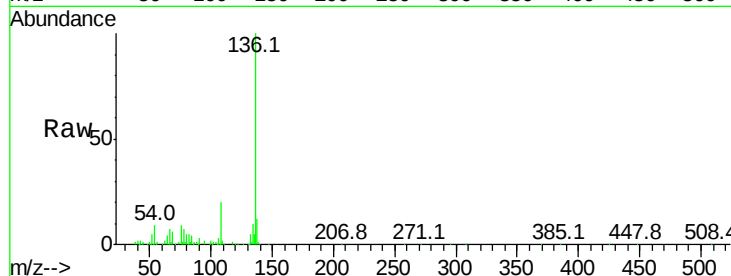




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1380
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

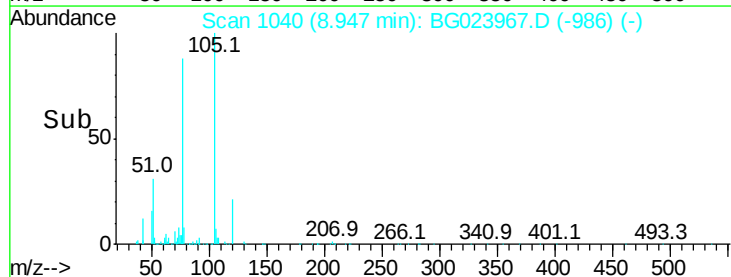
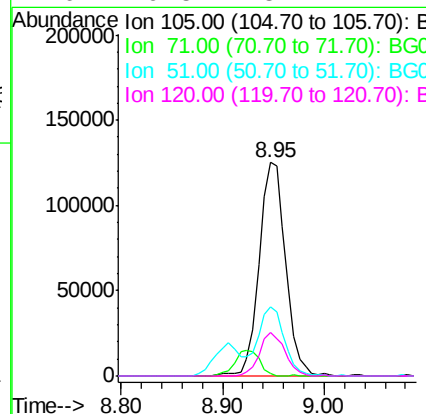
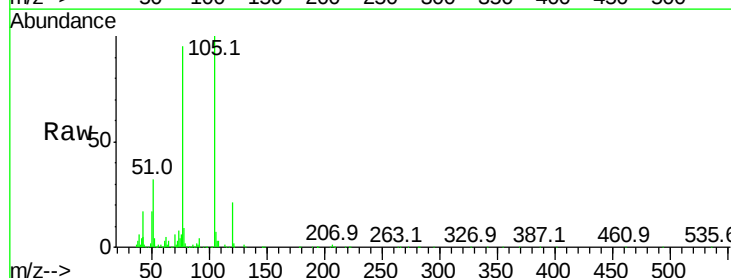
Instrument :
BNA_G
ClientSampleId :

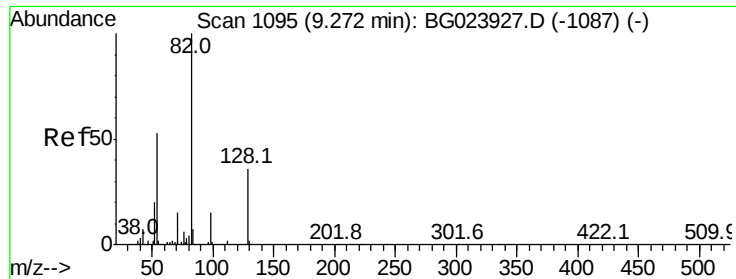
Tot Ion:136	Resp:	185762
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.6 14.4
54	9.5	7.3 10.9
68	5.5	5.3 7.9



#22
Acetophenone
Concen: 47.25 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion:105	Resp:	227242
Ion Ratio	Lower	Upper
105	100	
71	1.0	2.6 3.8#
51	32.4	27.1 40.7
120	20.5	15.1 22.7

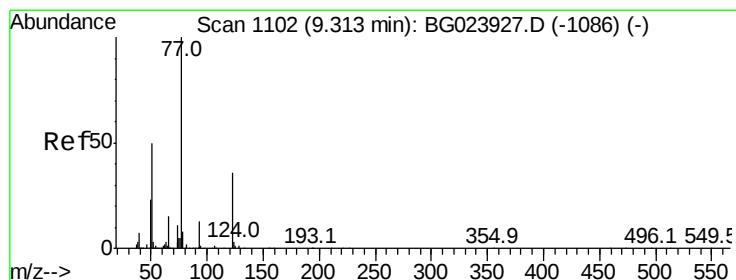
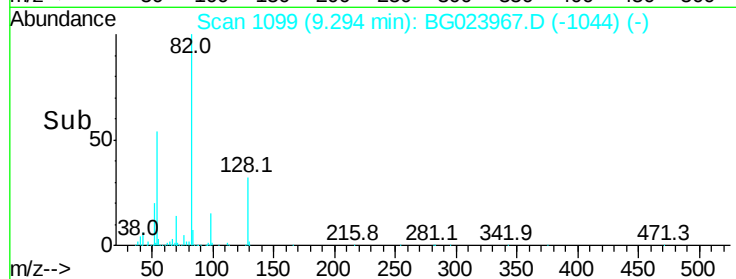
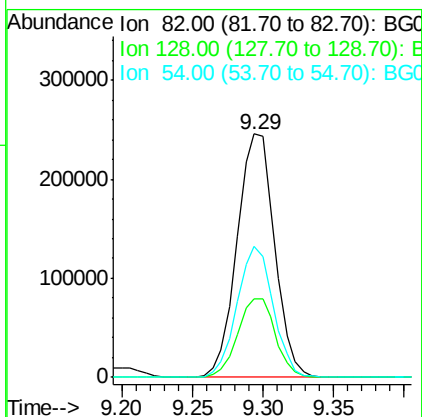
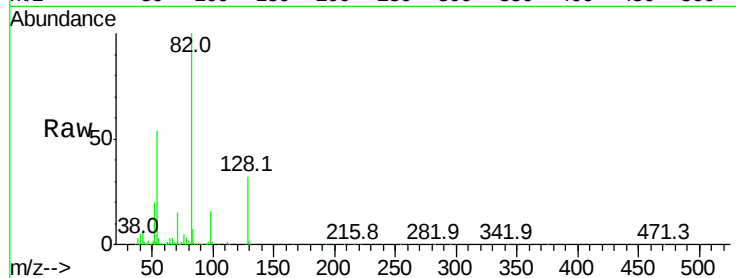




#23
 Nitrobenzene-d5
 Concen: 110.01 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

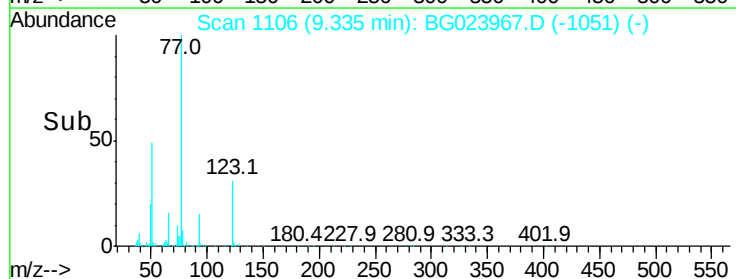
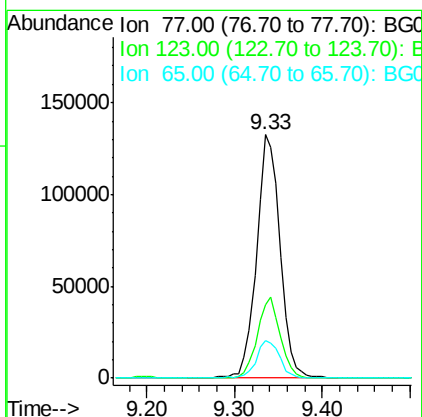
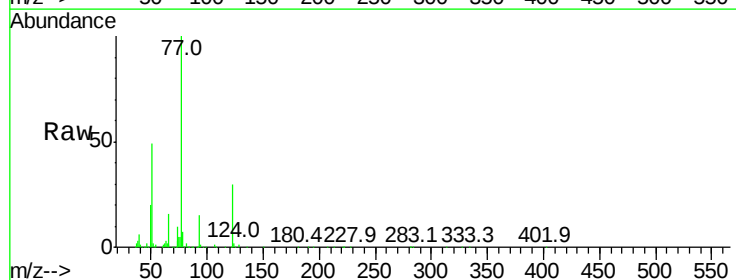
Instrument :
 BNA_G
 ClientSampleId :

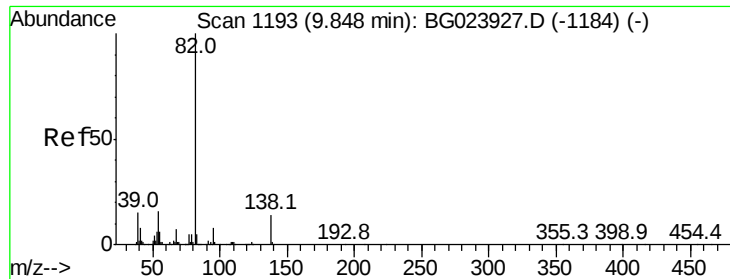
Tot Ion	82	Resp	457740
Ion Ratio	100	Lower	Upper
128	32.4	24.4	36.6
54	53.6	41.4	62.0



#24
 Nitrobenzene
 Concen: 54.36 ng
 RT: 9.33 min Scan# 1106
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

Tgt Ion	77	Resp	243237
Ion Ratio	100	Lower	Upper
123	30.3	25.0	37.6
65	15.6	13.4	20.0





#25

Isophorone

Concen: 52.13 ng

RT: 9.86 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

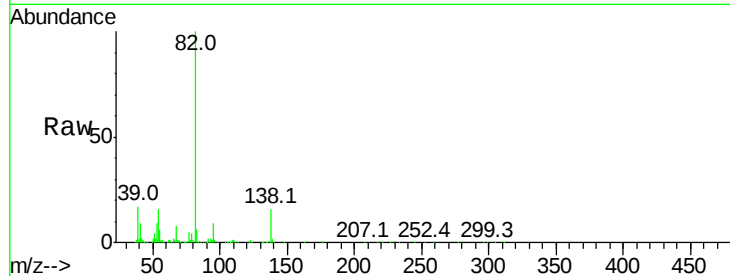
Tot Ion: 82 Resp: 420620

Ion Ratio Lower Upper

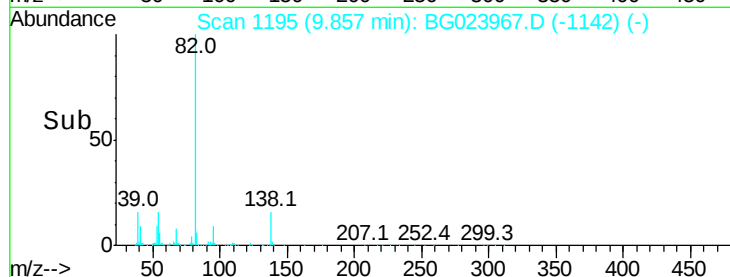
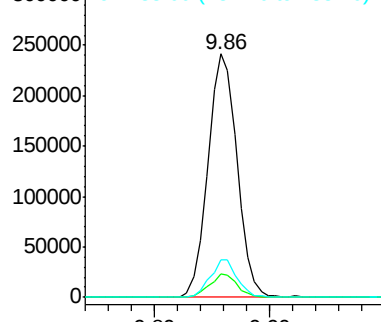
82 100

95 9.5 8.2 12.2

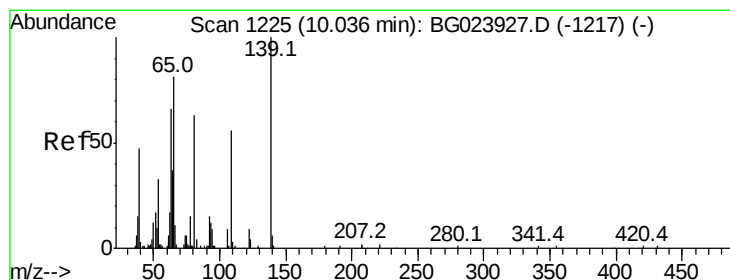
138 15.6 10.7 16.1



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



Time-->



#26

2-Nitrophenol

Concen: 53.98 ng

RT: 10.06 min Scan# 1229

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

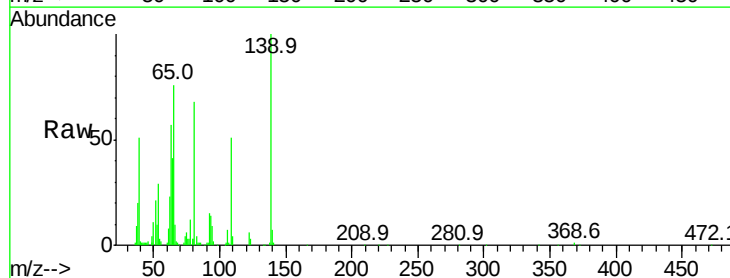
Tgt Ion: 139 Resp: 91829

Ion Ratio Lower Upper

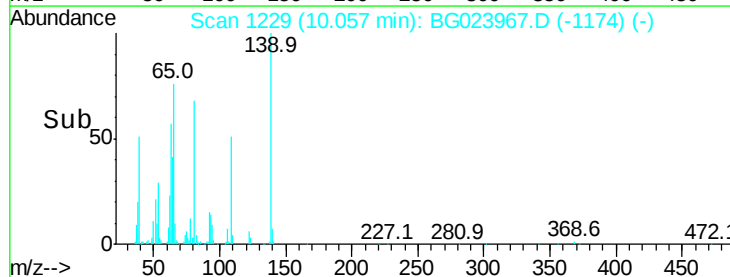
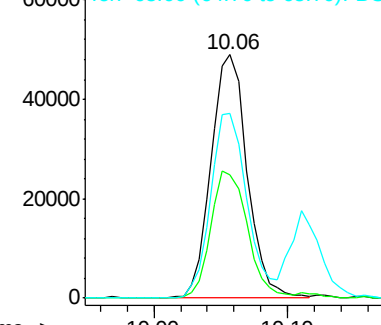
139 100

109 50.6 43.5 65.3

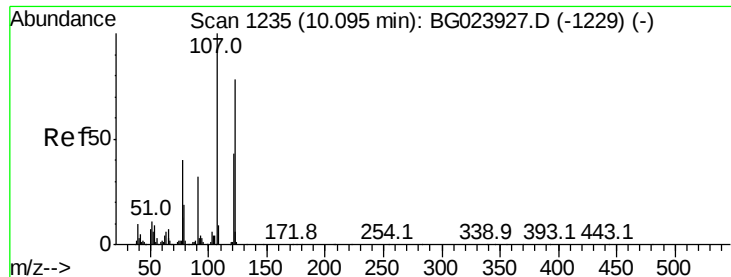
65 75.7 64.3 96.5



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



Time-->



#27

2,4-Dimethylphenol

Concen: 53.91 ng

RT: 10.12 min Scan# 1239

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

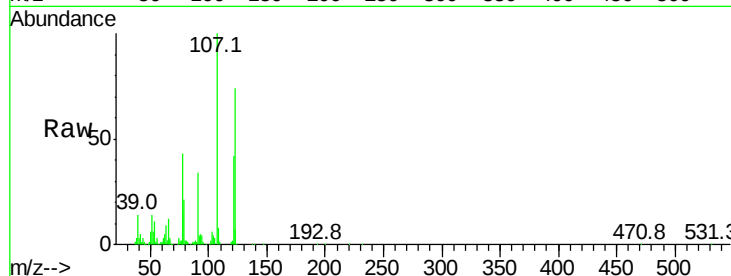
Tot Ion:122 Resp: 155835

Ion Ratio Lower Upper

122 100

107 135.9 117.0 175.4

121 57.3 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

150000

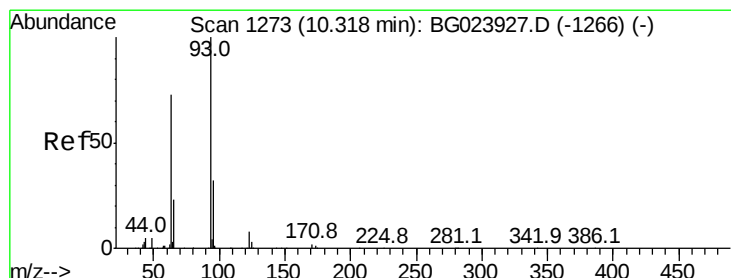
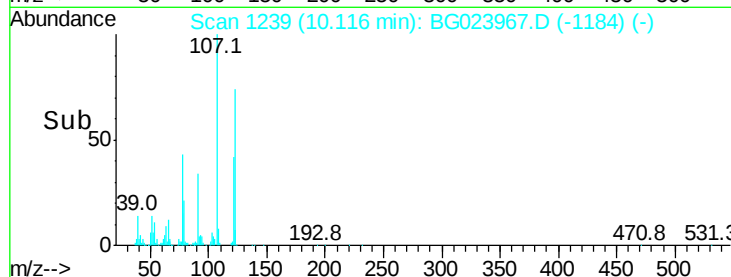
100000

50000

0

10.05 10.10 10.15 10.20

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 53.86 ng

RT: 10.34 min Scan# 1277

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

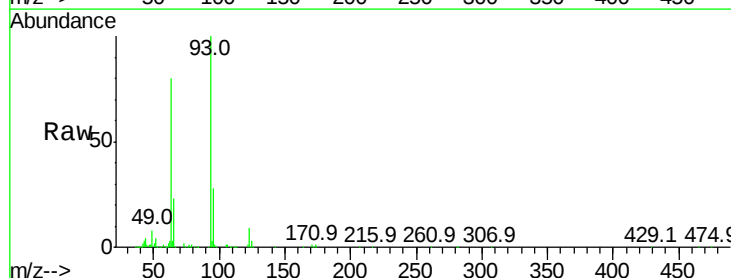
Tgt Ion: 93 Resp: 219435

Ion Ratio Lower Upper

93 100

95 28.2 25.4 38.2

123 8.7 8.2 12.2



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

150000

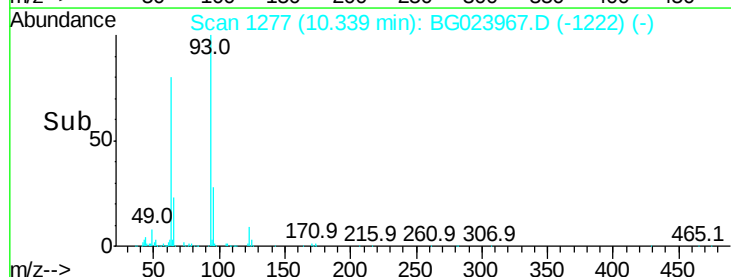
100000

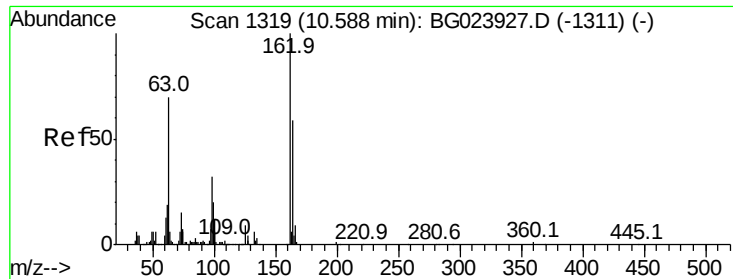
50000

0

10.25 10.30 10.35 10.40

Time-->

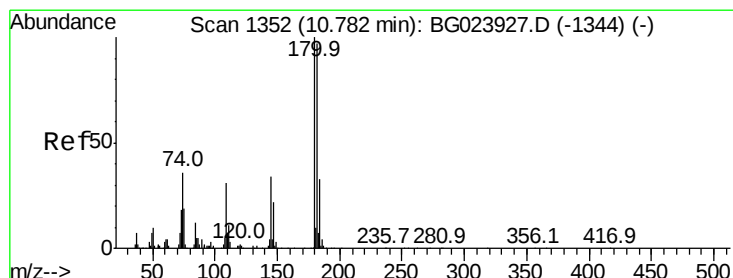
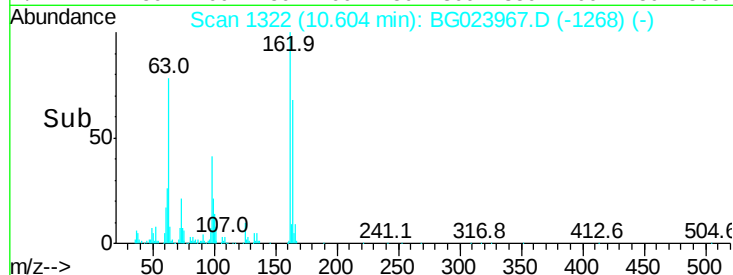
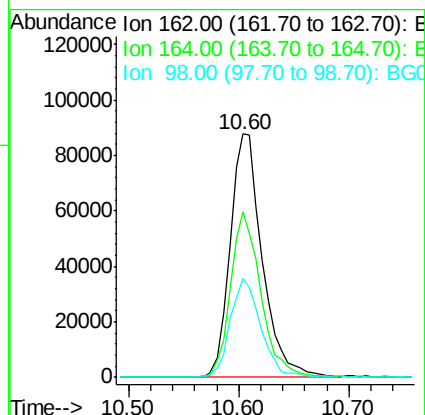
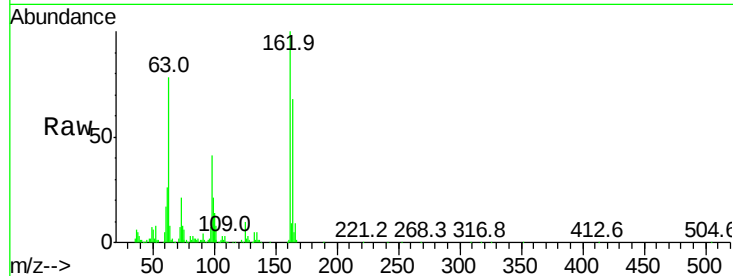




#29
2,4-Dichlorophenol
Concen: 58.32 ng
RT: 10.60 min Scan# 1322
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

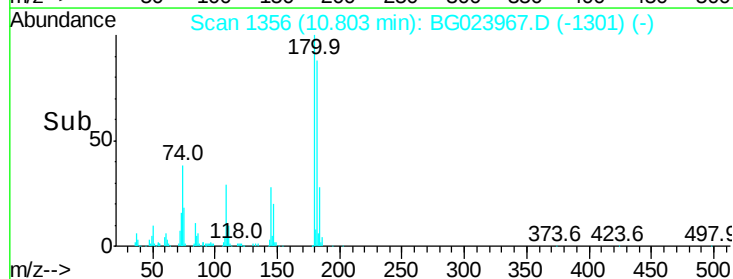
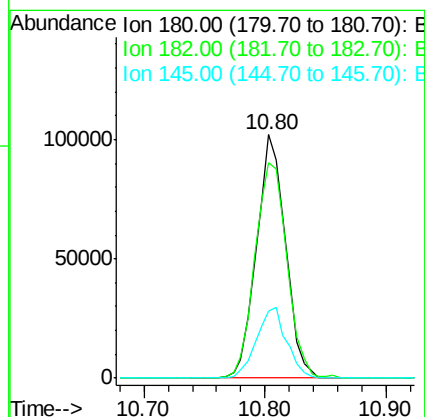
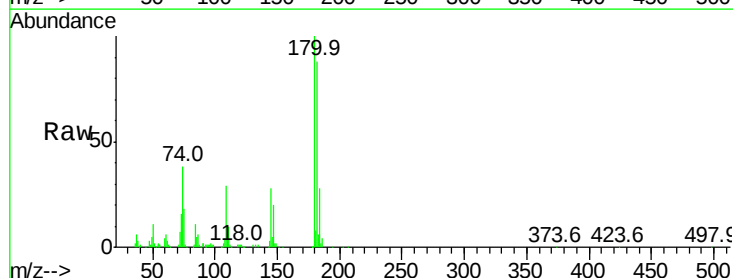
Instrument :
BNA_G
ClientSampled :

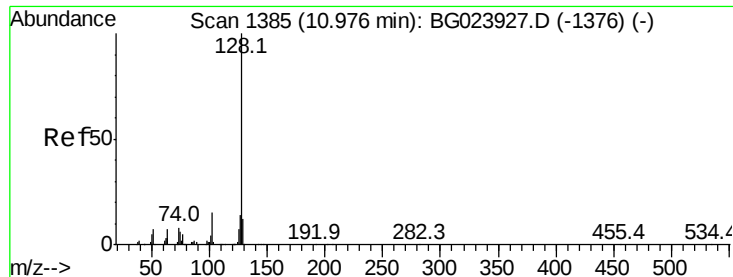
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	44.3	84.3
98	40.9	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 51.04 ng
RT: 10.80 min Scan# 1356
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.3	73.8	110.8
145	27.6	24.4	36.6

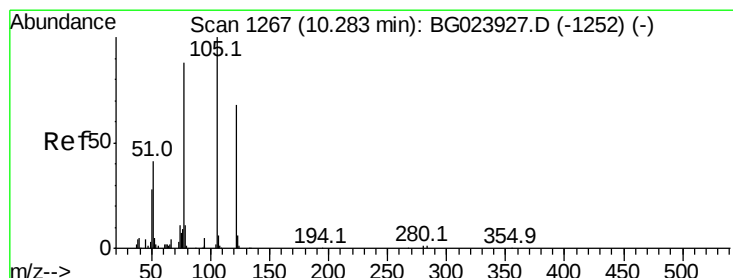
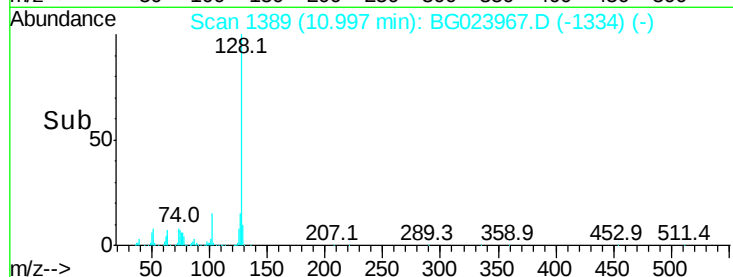
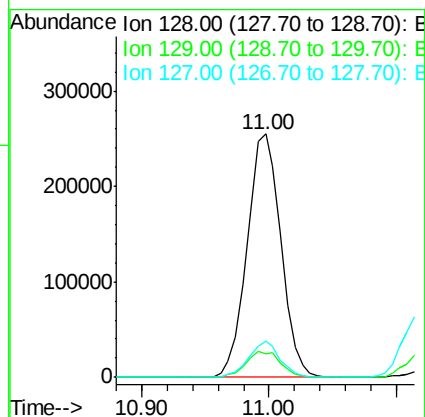
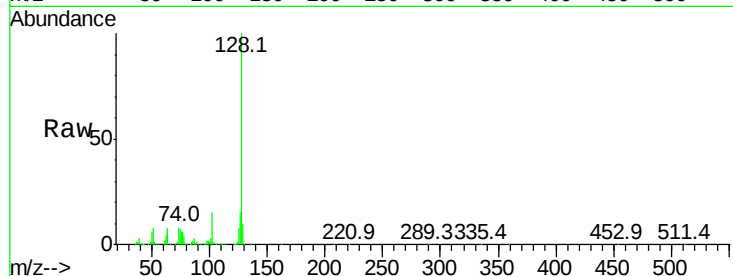




#31
Naphthalene
Concen: 49.30 ng
RT: 11.00 min Scan# 1389
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

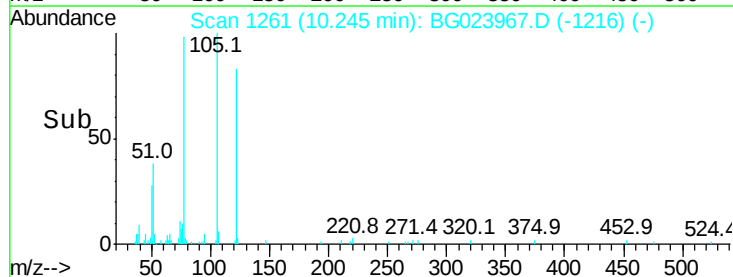
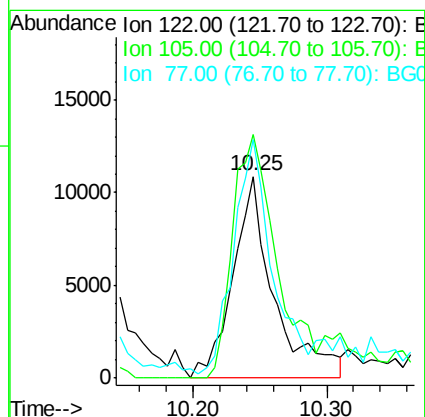
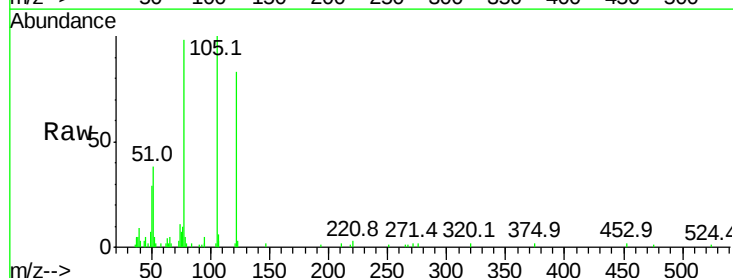
Instrument :
BNA_G
ClientSampleId :

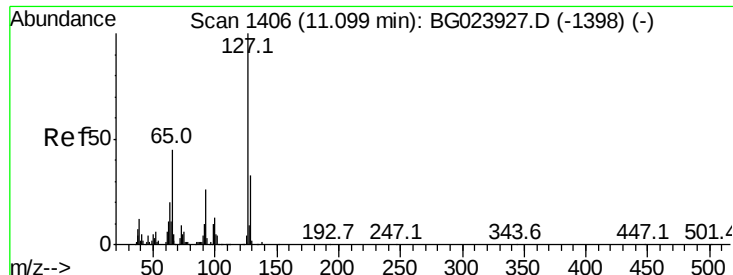
Tot Ion:128 Resp: 471863
Ion Ratio Lower Upper
128 100
129 9.9 9.4 14.0
127 14.6 11.3 16.9



#32
Benzoic acid
Concen: 9.88 ng
RT: 10.25 min Scan# 1261
Delta R.T. -0.04 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion:122 Resp: 23187
Ion Ratio Lower Upper
122 100
105 120.7 117.2 157.2
77 118.2 109.2 149.2

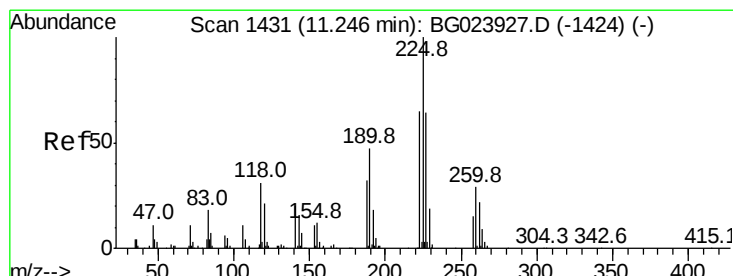
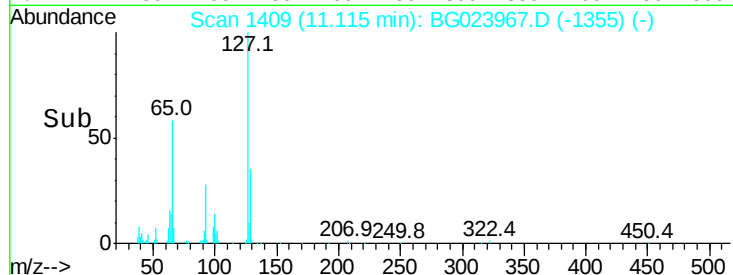
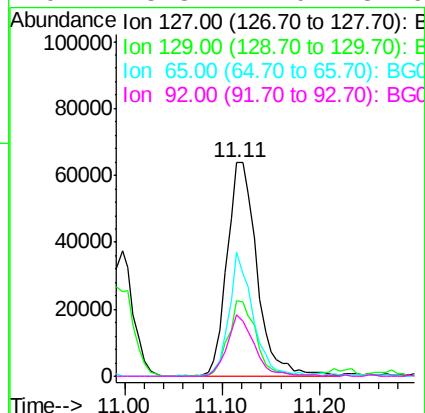
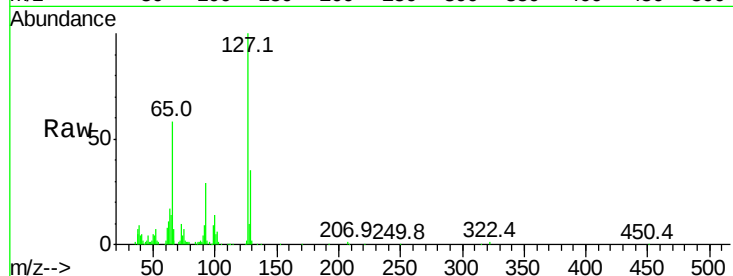




#33
4-Chloroaniline
Concen: 34.22 ng
RT: 11.11 min Scan# 1409
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

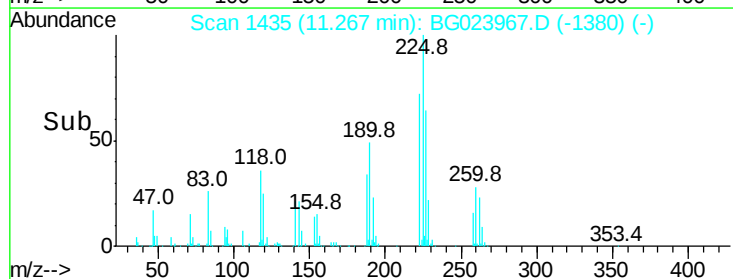
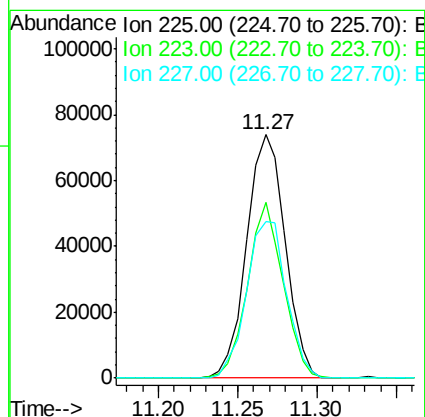
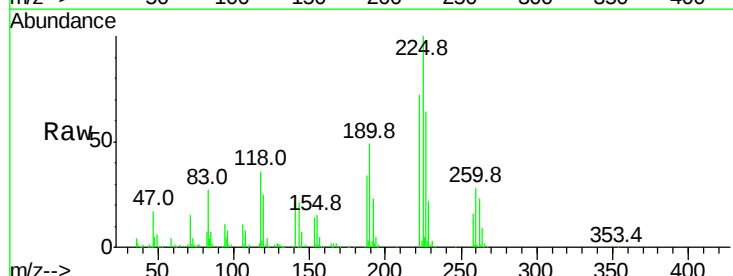
Instrument :
BNA_G
ClientSampled :

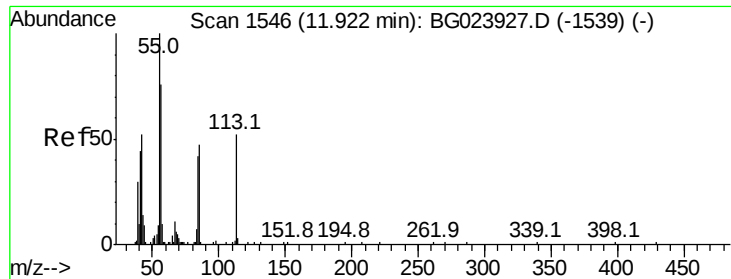
Tot Ion:	127	Resp:	136778
Ion	Ratio	Lower	Upper
127	100		
129	35.4	27.9	41.9
65	58.4	36.8	55.2
92	28.8	21.0	31.6



#34
Hexachlorobutadiene
Concen: 49.54 ng
RT: 11.27 min Scan# 1435
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion:	225	Resp:	124987
Ion	Ratio	Lower	Upper
225	100		
223	72.0	49.6	74.4
227	64.2	54.5	81.7





#35

Caprolactam

Concen: 56.99 ng

RT: 11.92 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

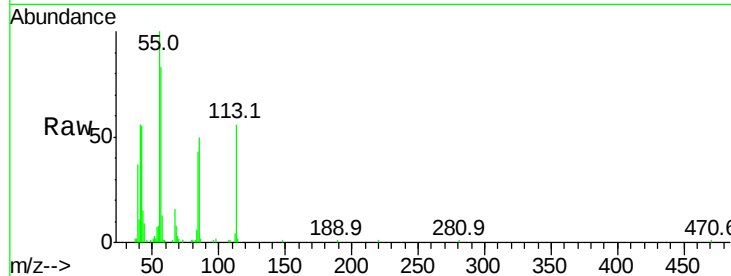
Tot Ion:113 Resp: 61521

Ion Ratio Lower Upper

113 100

55 177.4 154.5 194.5

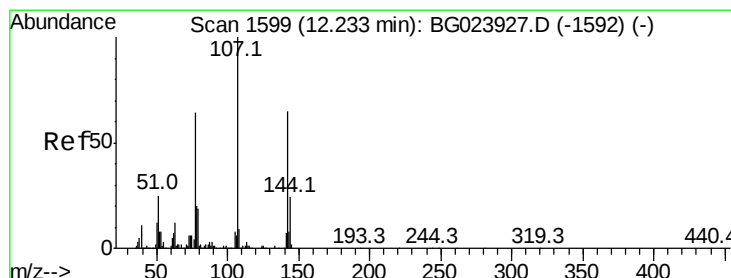
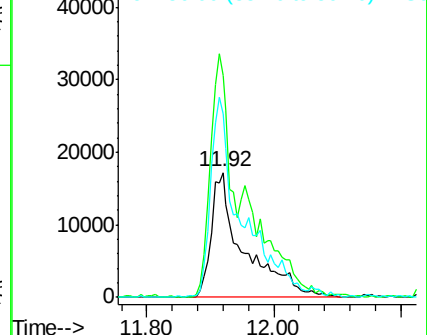
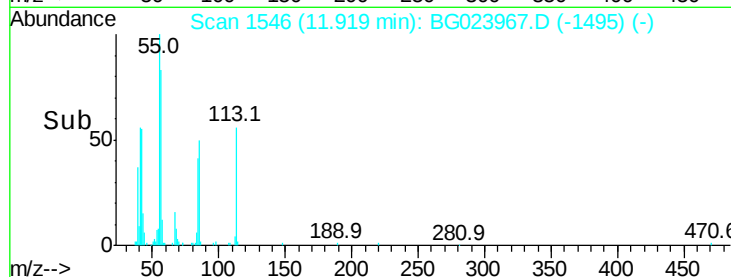
56 146.8 125.1 165.1



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: 53.98 ng

RT: 12.25 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

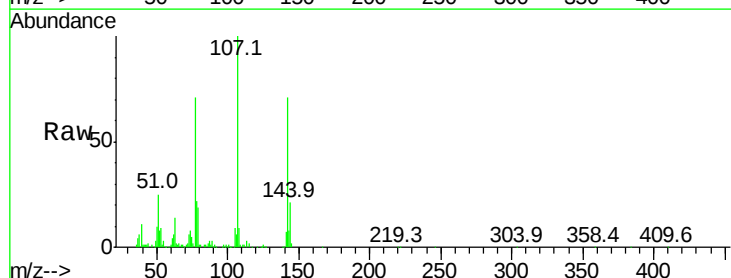
Tgt Ion:107 Resp: 220920

Ion Ratio Lower Upper

107 100

144 21.1 17.0 25.6

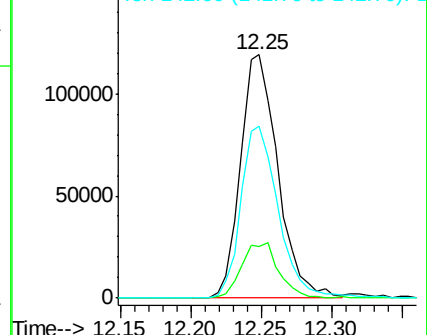
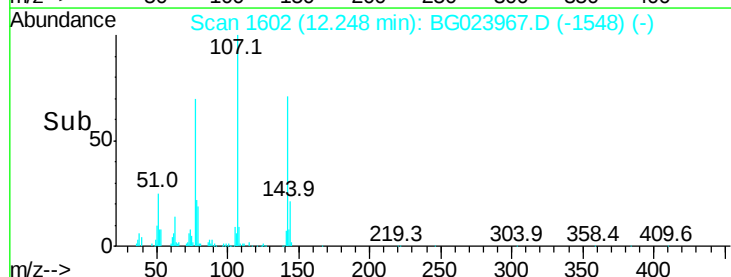
142 70.8 53.0 79.6

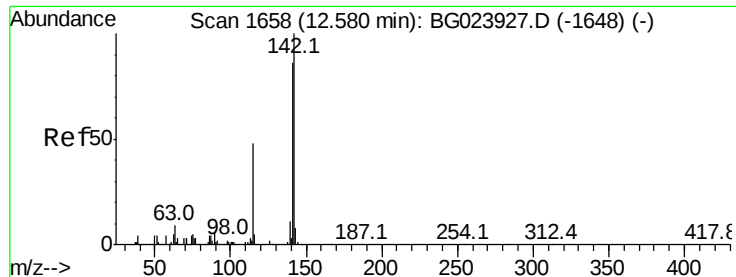


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

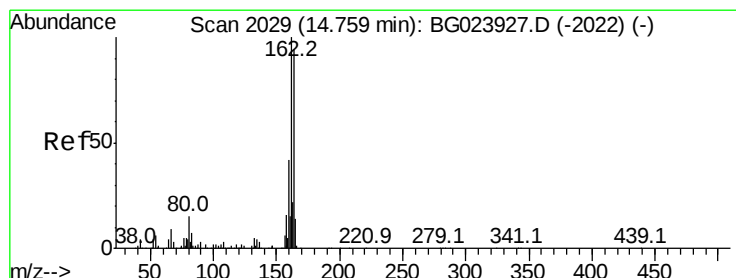
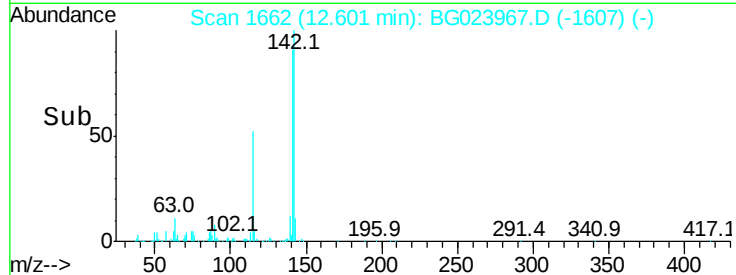
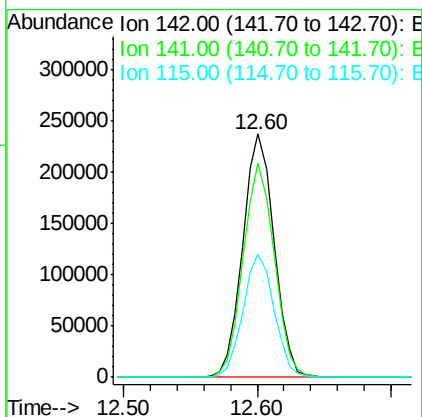
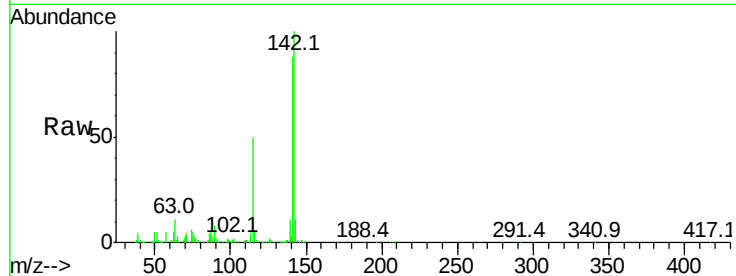




#37
 2-Methylnaphthalene
 Concen: 52.66 ng
 RT: 12.60 min Scan# 1662
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

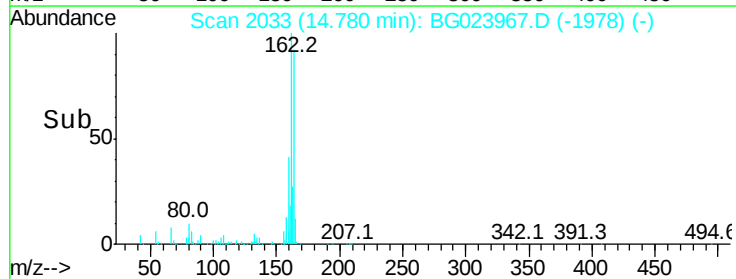
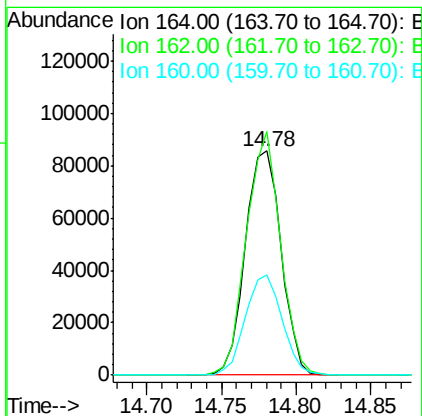
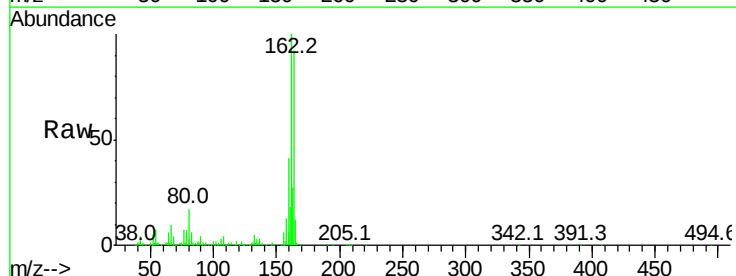
Instrument :
 BNA_G
 ClientSampleId :

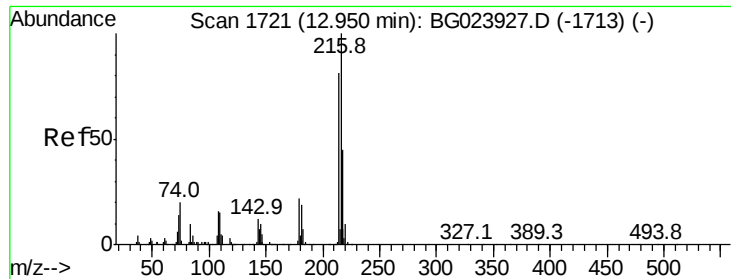
Tot Ion:142 Resp: 383481
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.2 105.2
 115 50.4 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

Tgt Ion:164 Resp: 141921
 Ion Ratio Lower Upper
 164 100
 162 108.7 87.7 131.5
 160 45.0 37.2 55.8

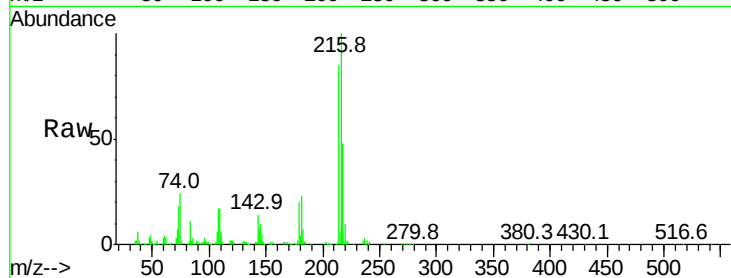




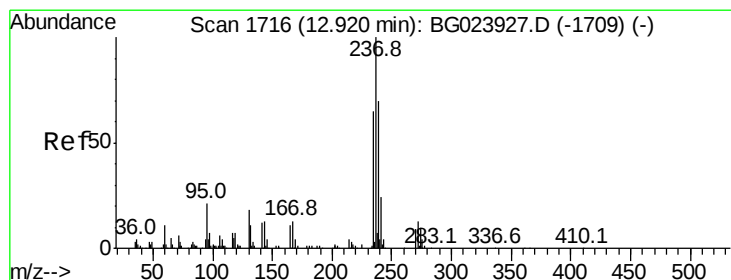
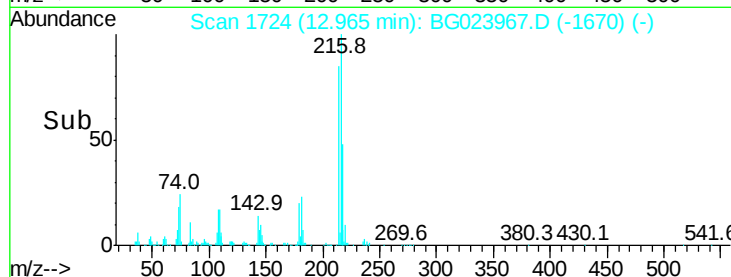
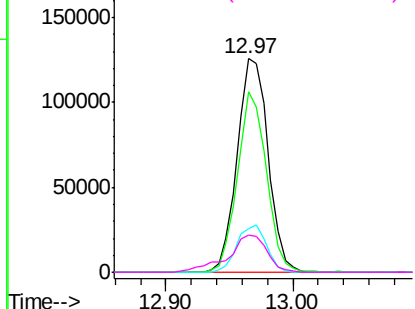
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.12 ng
RT: 12.97 min Scan# 1724
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	216	Resp:	212540
Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.9	94.3
179	21.1	17.2	25.8
108	21.9	16.3	24.5

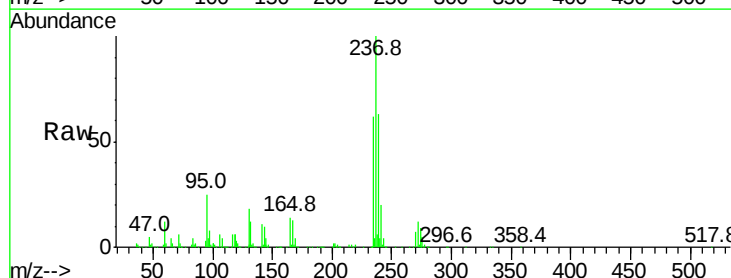


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

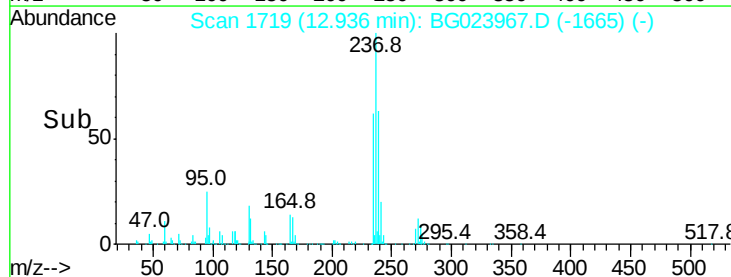
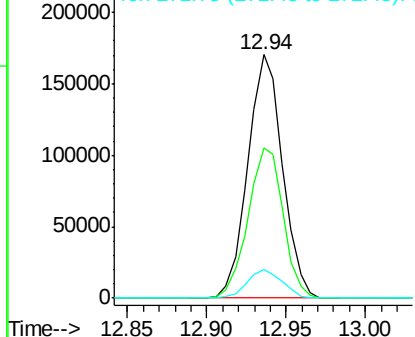


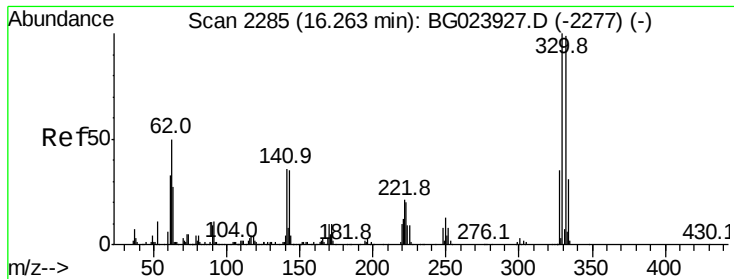
#40
Hexachlorocyclopentadiene
Concen: 89.92 ng
RT: 12.94 min Scan# 1719
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion:	237	Resp:	257967
Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.1	83.1
272	12.0	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

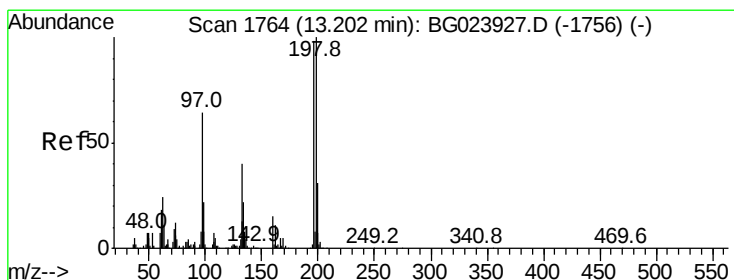
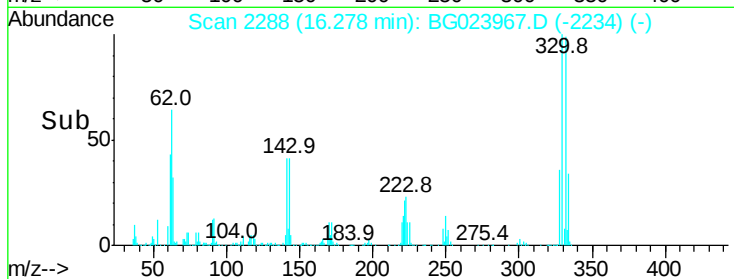
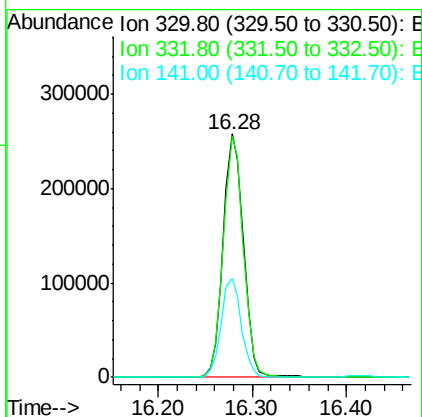
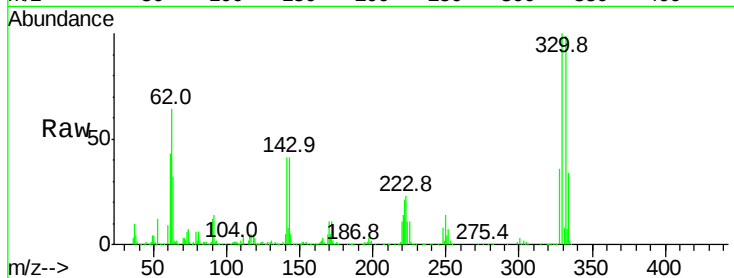




#41
 2,4,6-Tribromophenol
 Concen: 152.61 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

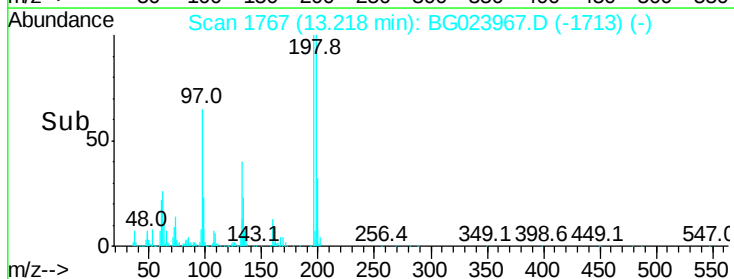
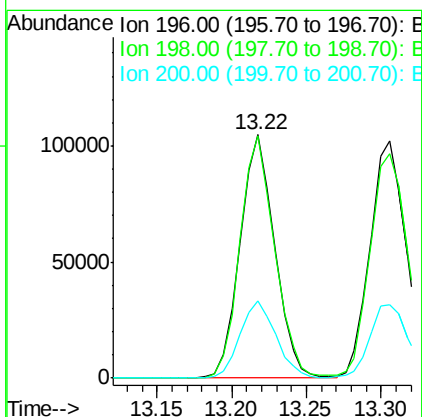
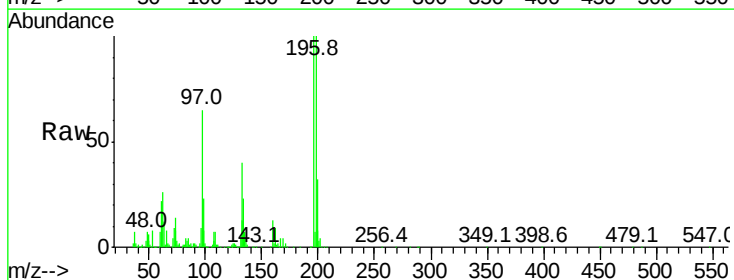
Instrument :
 BNA_G
 ClientSampleId :

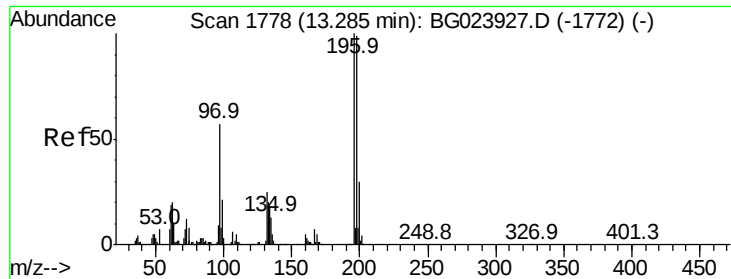
Tot Ion:330 Resp: 390211
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 40.5 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 53.65 ng
 RT: 13.22 min Scan# 1767
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

Tgt Ion:196 Resp: 168657
 Ion Ratio Lower Upper
 196 100
 198 99.8 78.2 117.2
 200 31.9 27.0 40.4

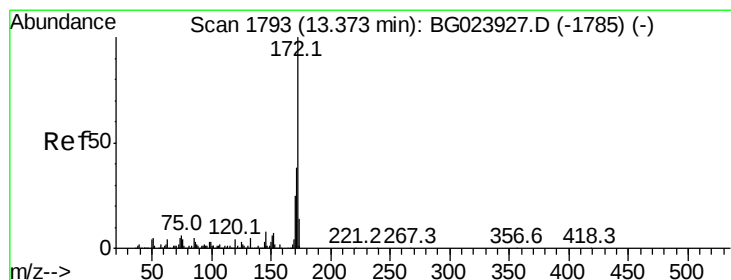
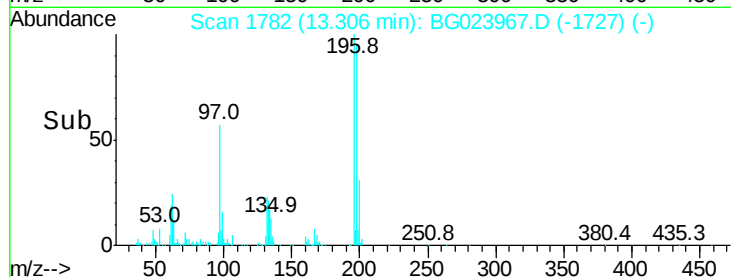
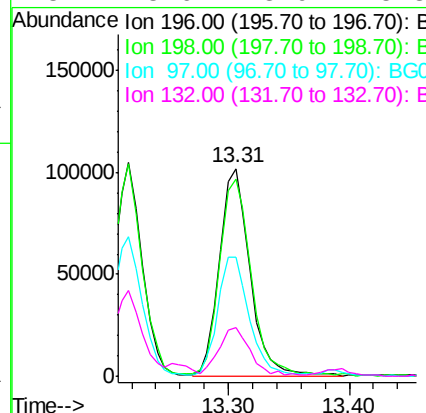
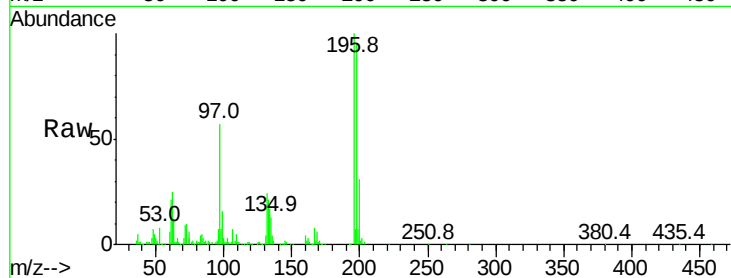




#43
 2,4,5-Trichlorophenol
 Concen: 55.93 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

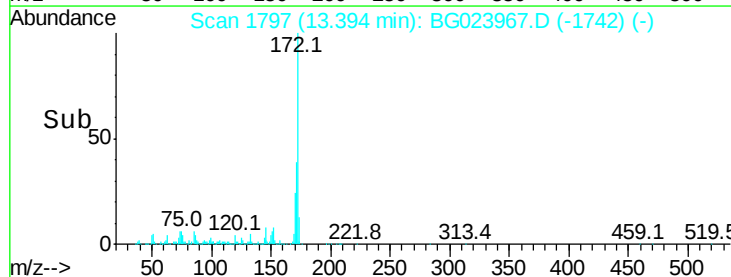
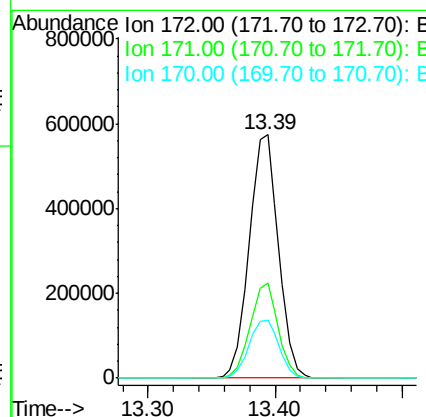
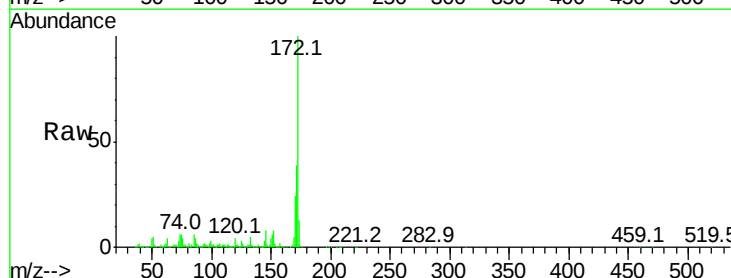
Instrument :
 BNA_G
 ClientSampleId :

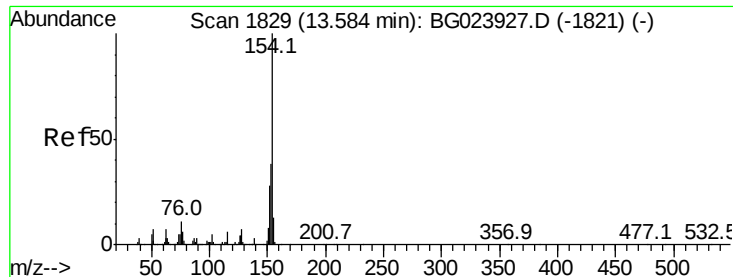
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	85.7	128.5
97	57.3	45.5	68.3
132	23.6	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 92.57 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.6	47.4
170	24.0	21.3	31.9

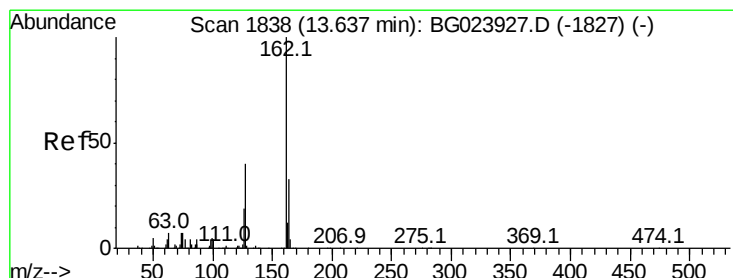
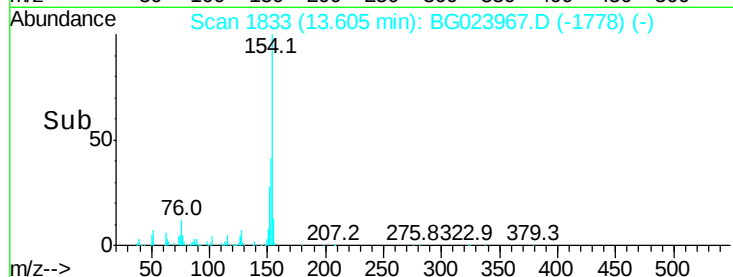
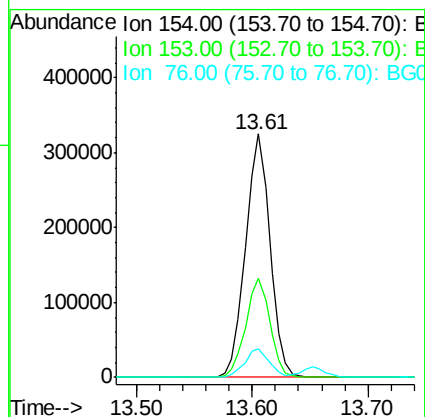
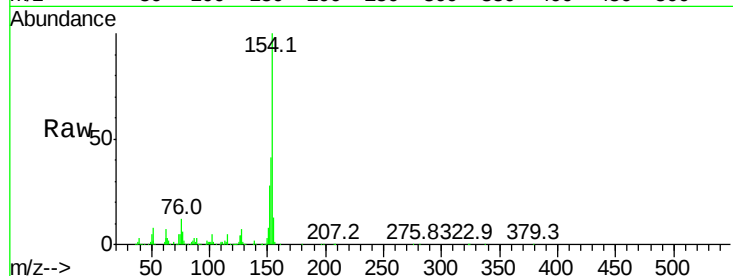




#45
 1,1'-Biphenyl
 Concen: 41.88 ng
 RT: 13.61 min Scan# 1833
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

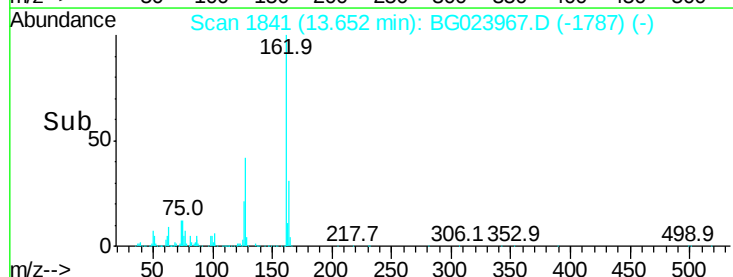
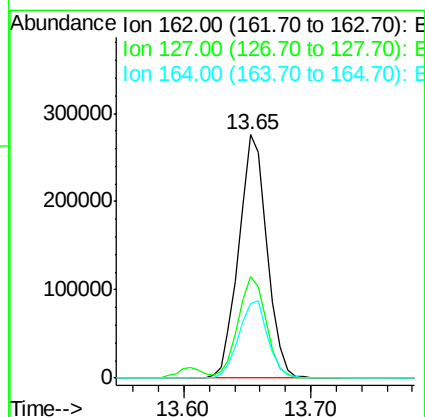
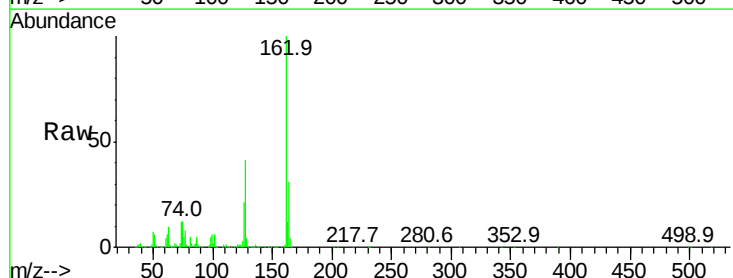
Instrument :
 BNA_G
 ClientSampleId :

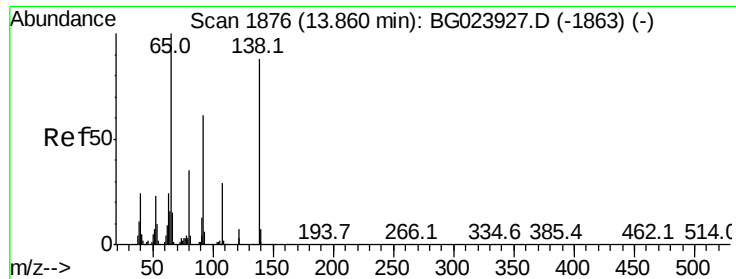
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.2	60.2
76	12.0	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 50.59 ng
 RT: 13.65 min Scan# 1841
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.4	48.6
164	30.6	25.2	37.8

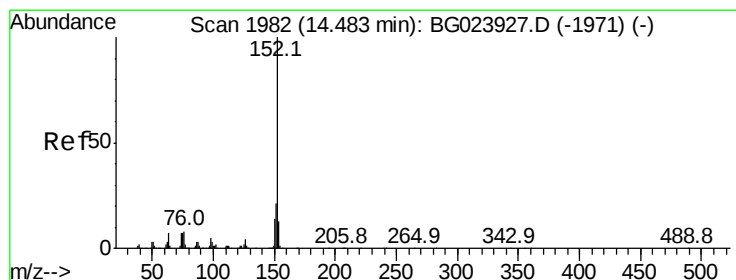
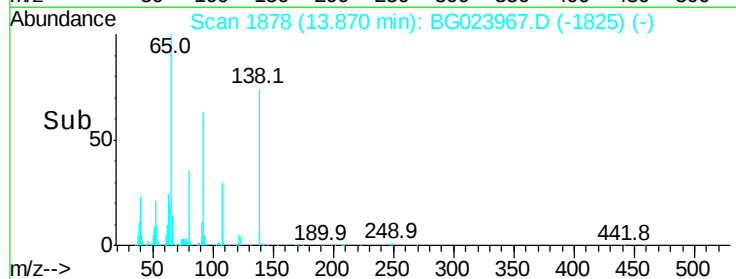
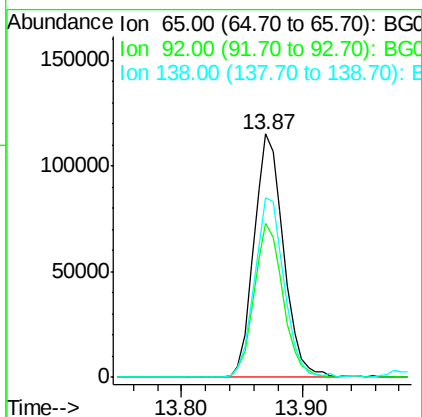
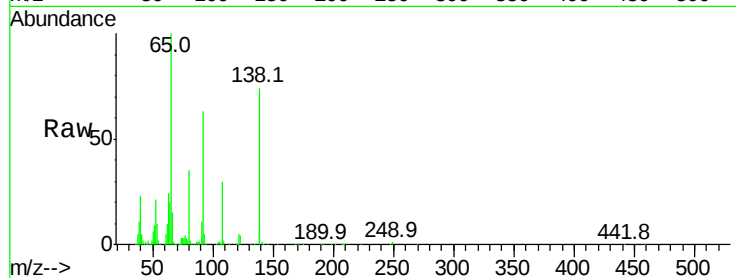




#47
2-Nitroaniline
Concen: 59.21 ng
RT: 13.87 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

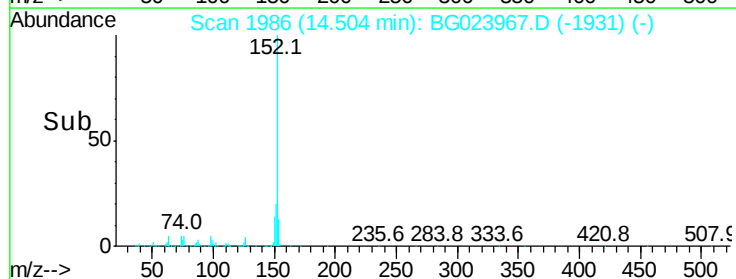
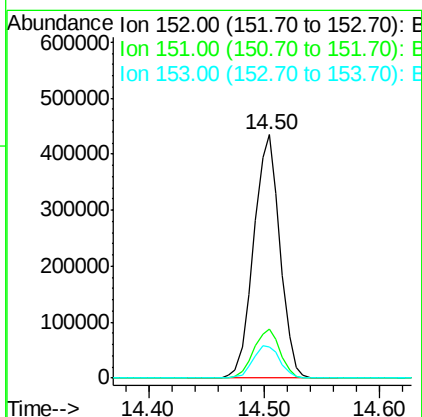
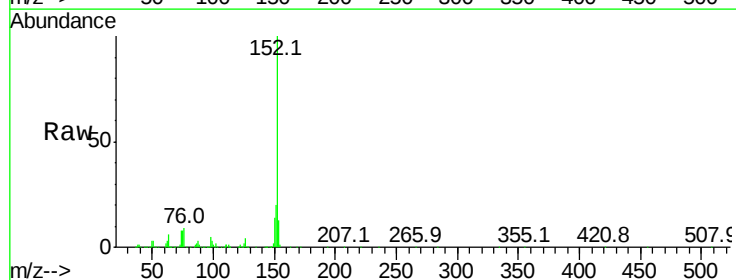
Instrument :
BNA_G
ClientSampleId :

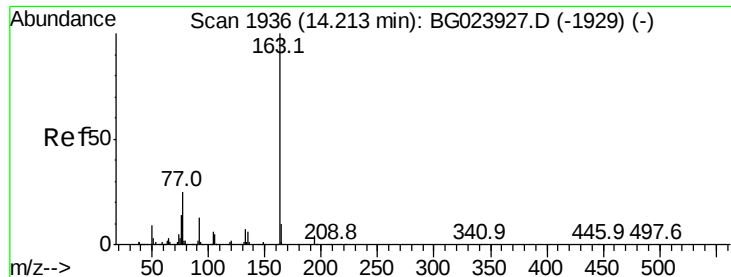
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	49.4	74.0
138	73.9	58.0	87.0



#48
Acenaphthylene
Concen: 49.35 ng
RT: 14.50 min Scan# 1986
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.6	26.4
153	13.0	11.4	17.2





#49

Dimethylphthalate

Concen: 89.57 ng

RT: 14.23 min Scan# 1939

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampled :

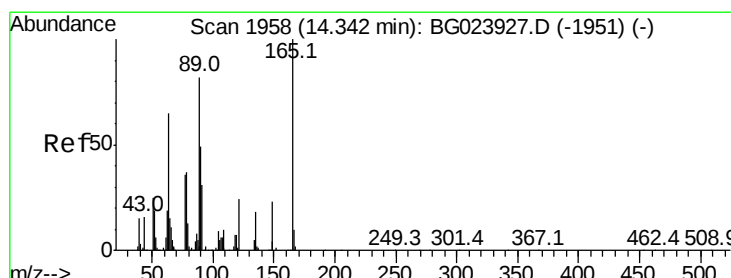
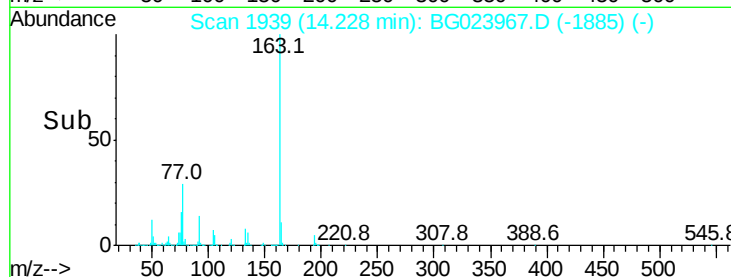
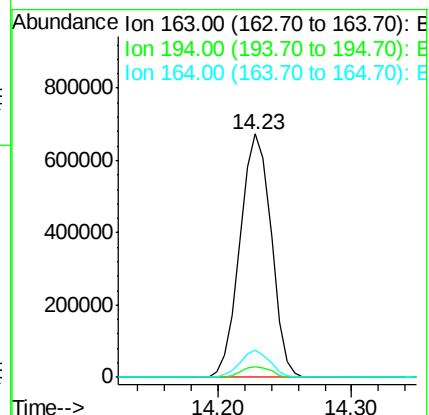
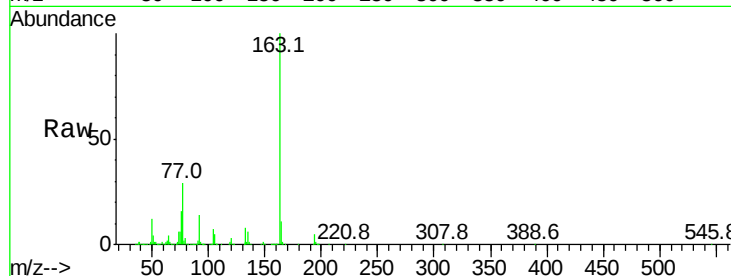
Tot Ion:163 Resp: 1089988

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

164 11.0 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 52.14 ng

RT: 14.36 min Scan# 1961

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

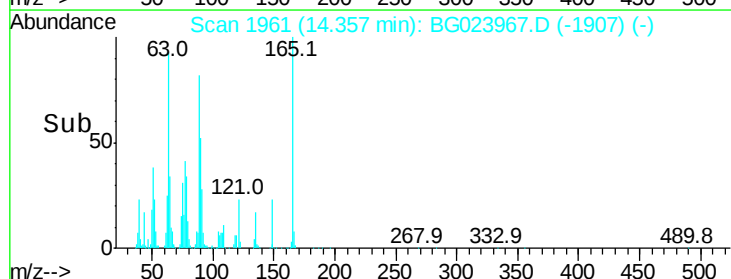
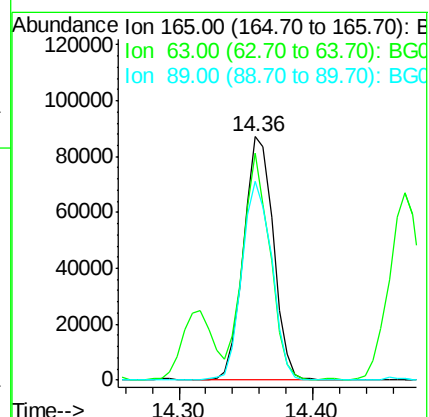
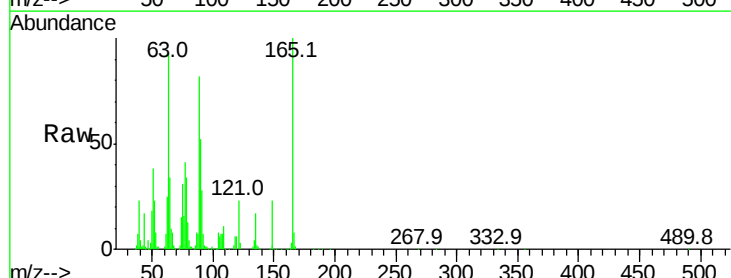
Tgt Ion:165 Resp: 133940

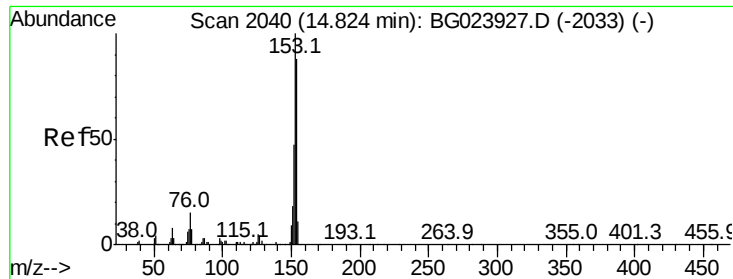
Ion Ratio Lower Upper

165 100

63 93.2 64.3 96.5

89 81.5 64.3 96.5





#51

Acenaphthene

Concen: 49.55 ng

RT: 14.84 min Scan# 2044

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

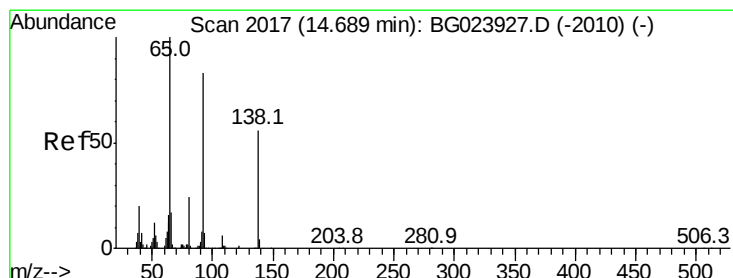
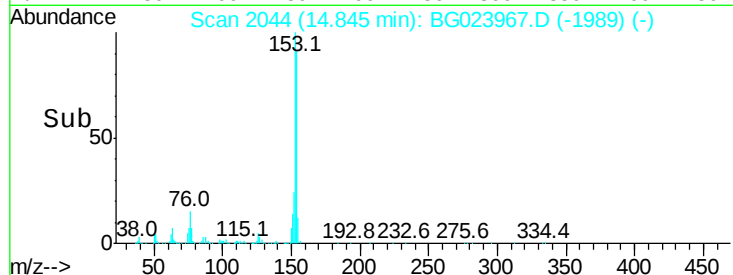
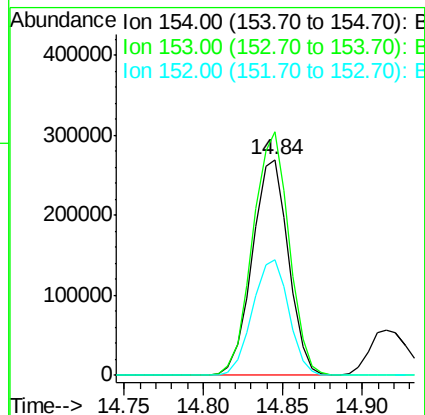
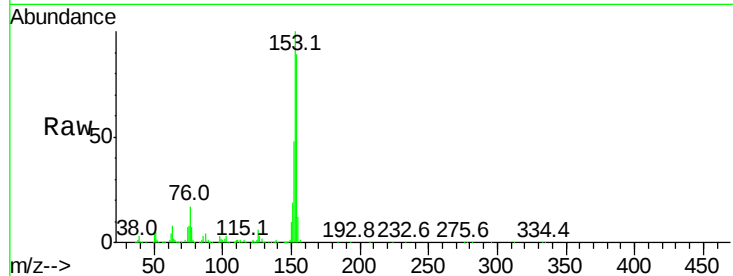
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 427947

Ion	Ratio	Lower	Upper
154	100		
153	112.8	87.5	131.3
152	53.6	42.7	64.1



#52

3-Nitroaniline

Concen: 45.55 ng

RT: 14.70 min Scan# 2019

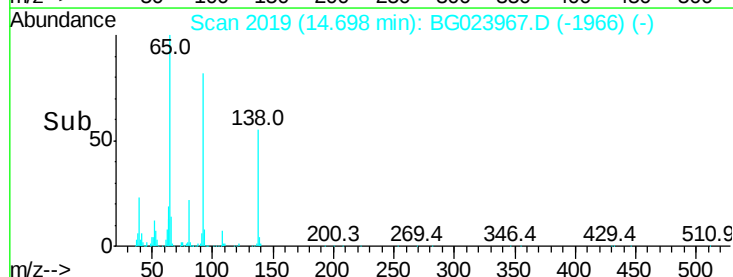
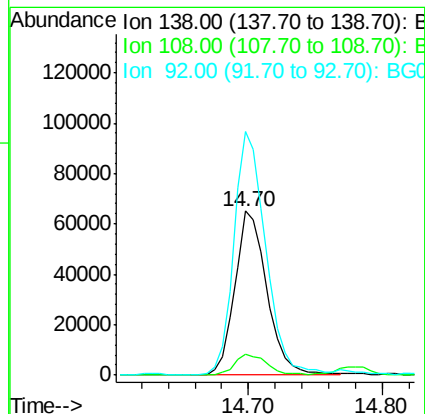
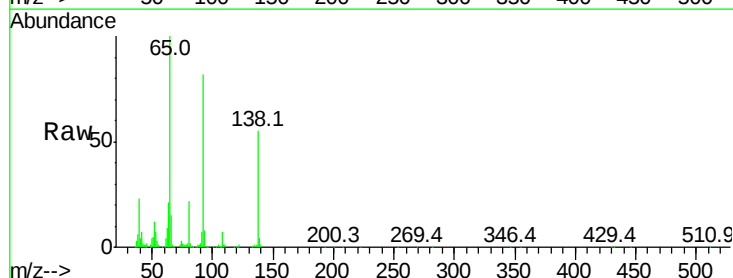
Delta R.T. 0.01 min

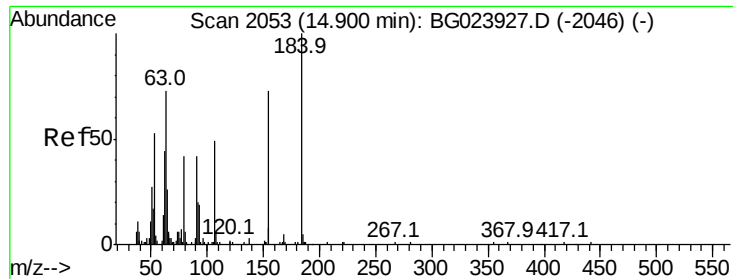
Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Tgt Ion:138 Resp: 109460

Ion	Ratio	Lower	Upper
138	100		
108	13.0	11.7	17.5
92	148.4	129.7	194.5

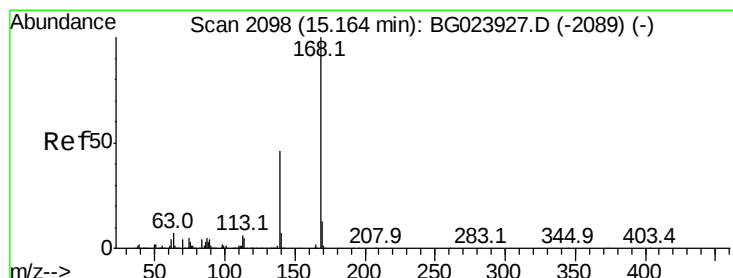
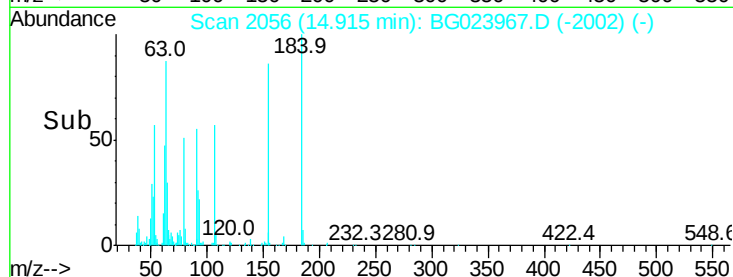
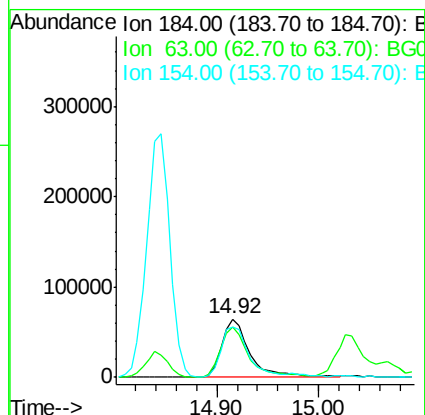
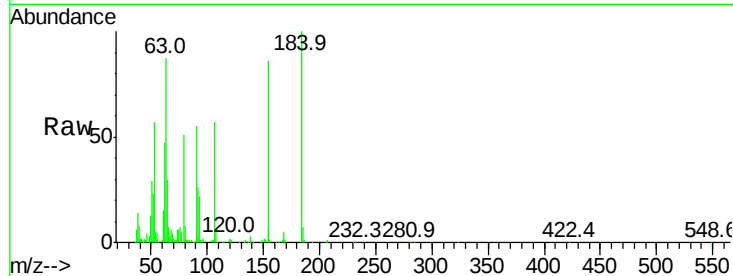




#53
2,4-Dinitrophenol
Concen: 67.91 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

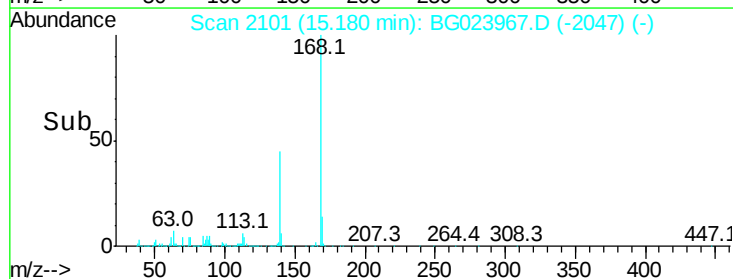
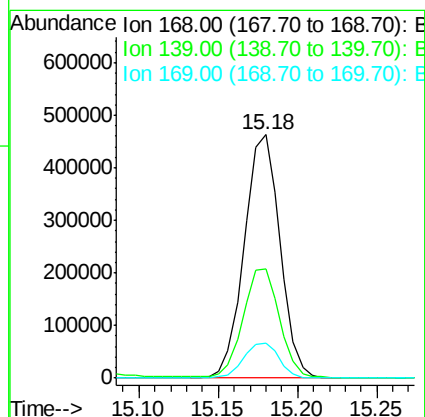
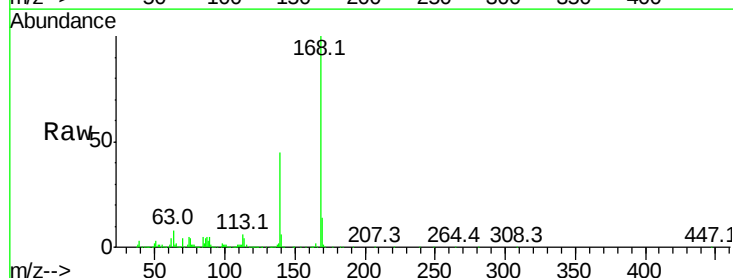
Instrument :
BNA_G
ClientSampleId :

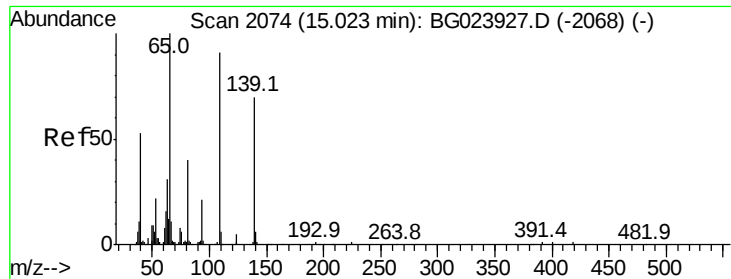
Tot Ion:184 Resp: 125526
Ion Ratio Lower Upper
184 100
63 86.7 59.6 89.4
154 86.3 67.4 101.0



#54
Dibenzofuran
Concen: 53.66 ng
RT: 15.18 min Scan# 2101
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion:168 Resp: 723311
Ion Ratio Lower Upper
168 100
139 44.9 36.4 54.6
169 14.1 11.9 17.9

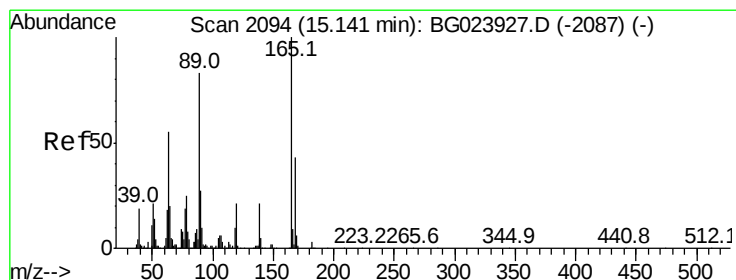
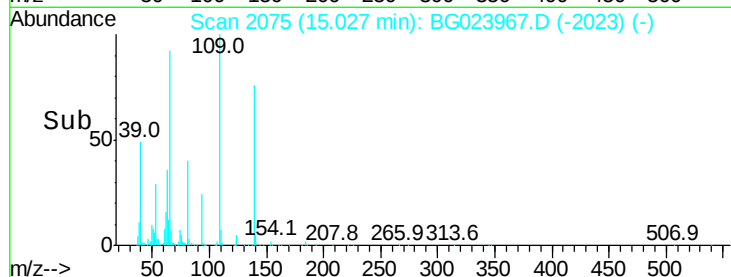
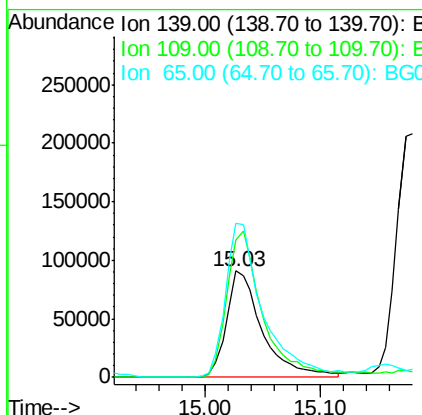
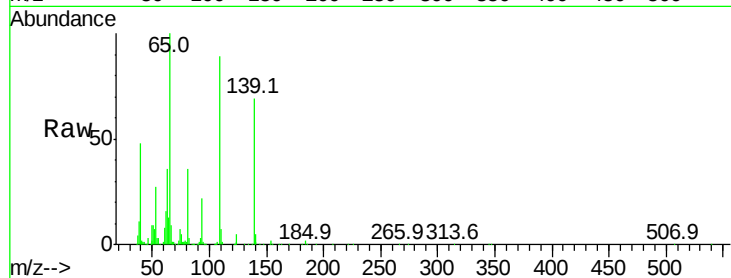




#55
4-Nitrophenol
Concen: 102.64 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

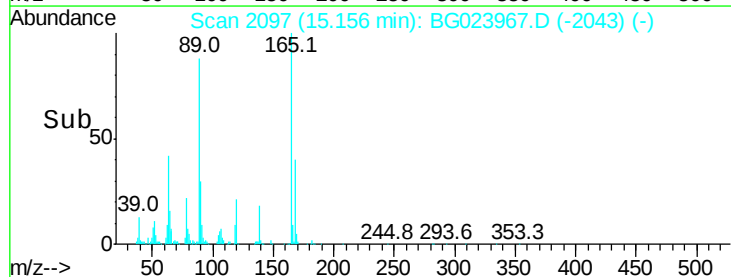
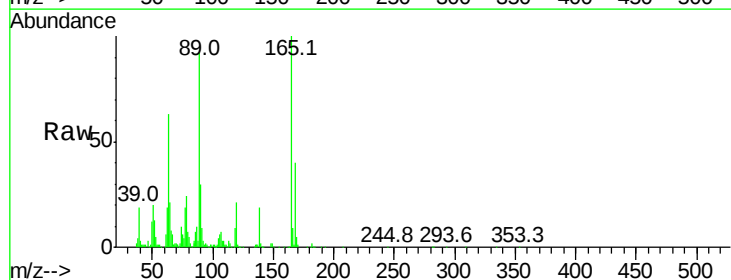
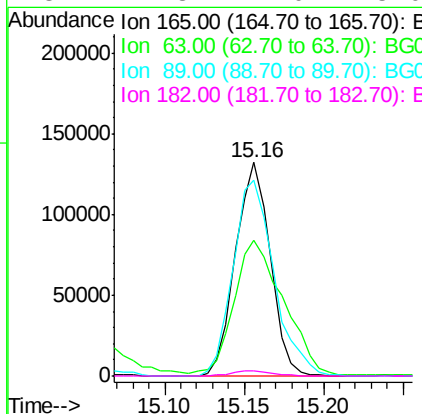
Instrument :
BNA_G
ClientSampleId :

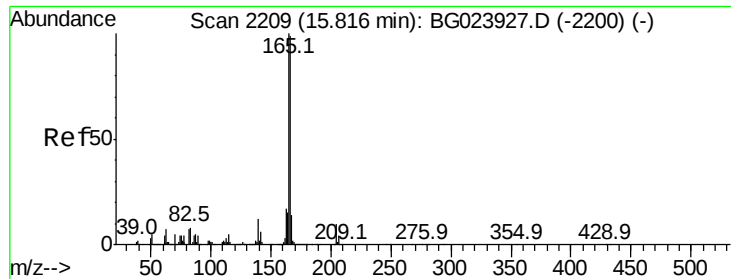
Tot Ion:139 Resp: 196239
Ion Ratio Lower Upper
139 100
109 129.5 103.0 143.0
65 144.9 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 53.03 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion:165 Resp: 200262
Ion Ratio Lower Upper
165 100
63 63.4 45.8 68.6
89 91.6 68.6 102.8
182 2.3 2.0 3.0

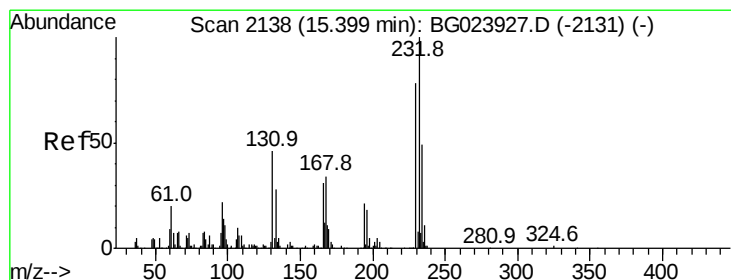
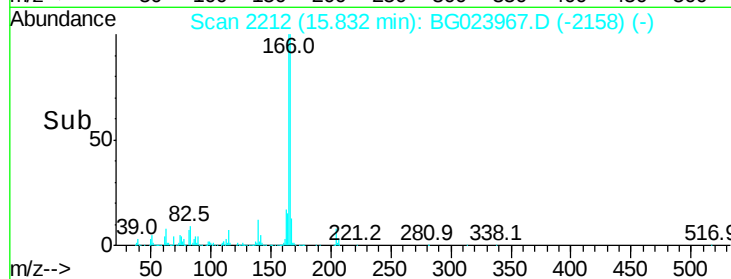
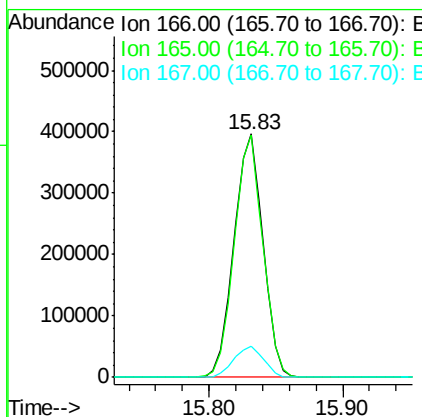
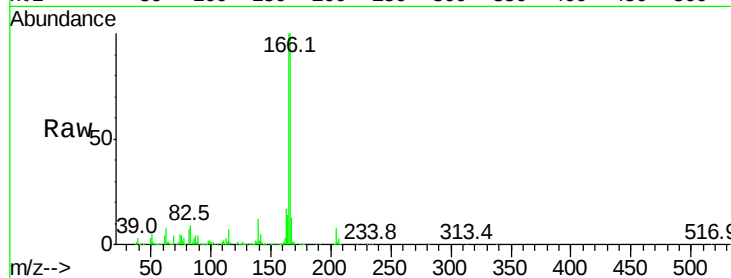




#57
 Fluorene
 Concen: 51.17 ng
 RT: 15.83 min Scan# 2212
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

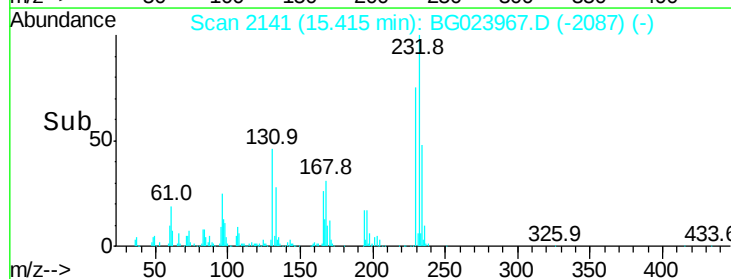
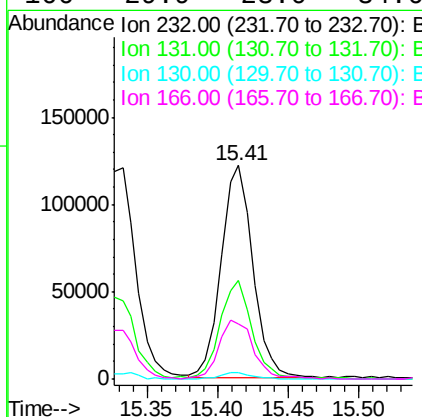
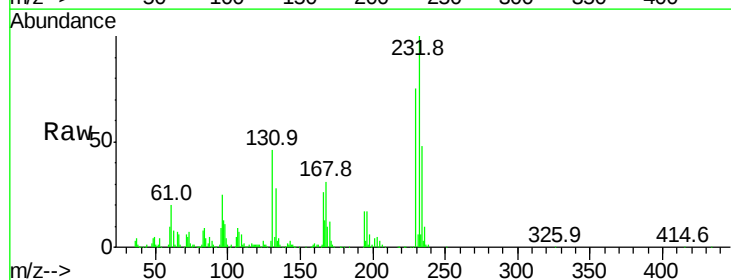
Instrument :
 BNA_G
 ClientSampleId :

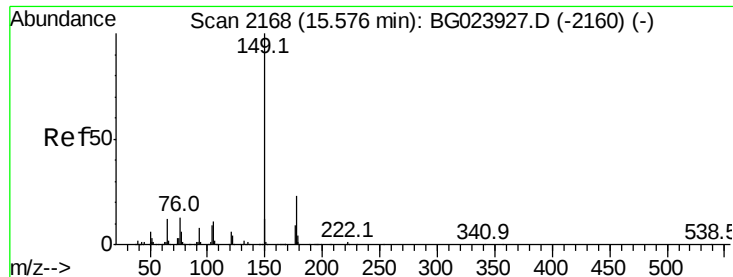
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.0	121.6
167	12.6	12.0	18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.14 ng
 RT: 15.41 min Scan# 2141
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.7	32.7	49.1
130	3.0	2.6	3.8
166	29.9	23.0	34.6

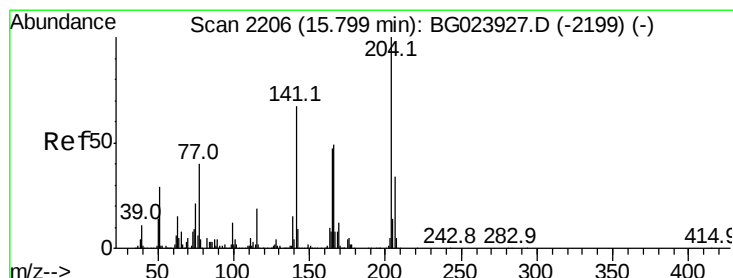
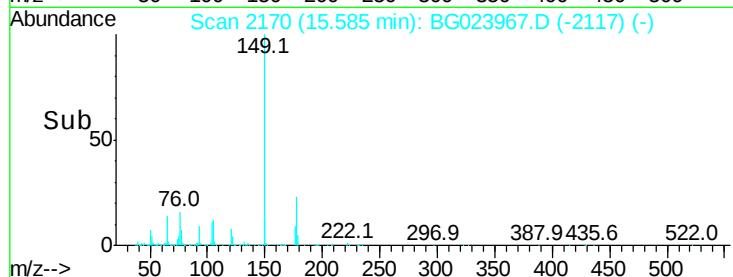
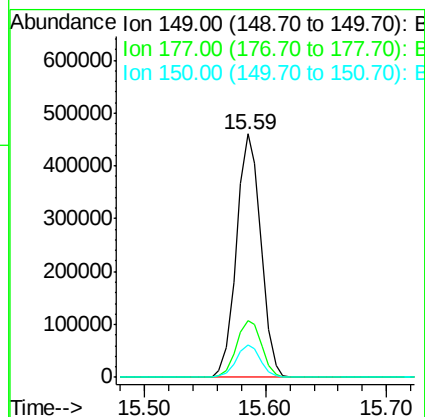
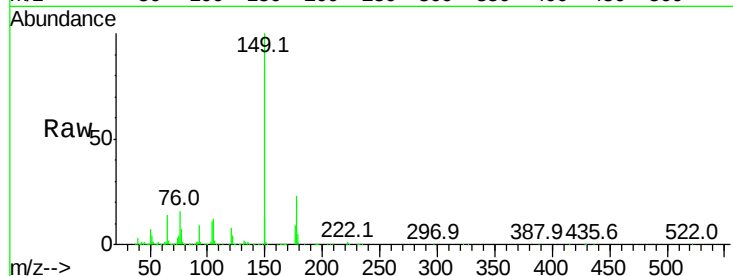




#59
Diethylphthalate
Concen: 49.83 ng
RT: 15.59 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

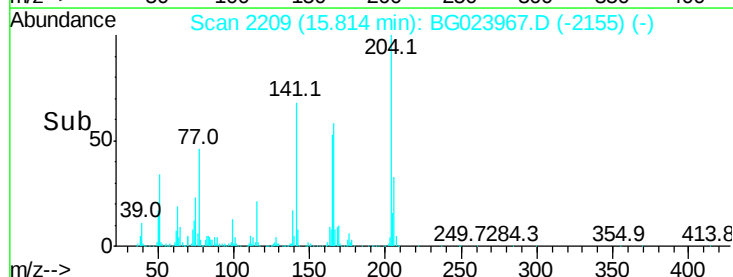
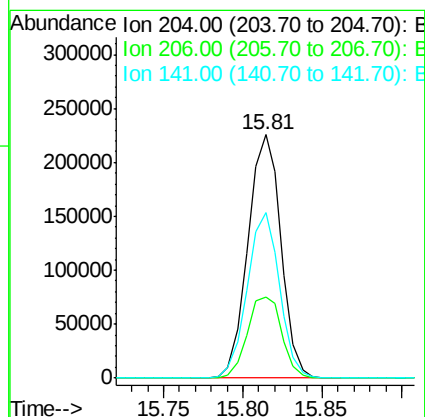
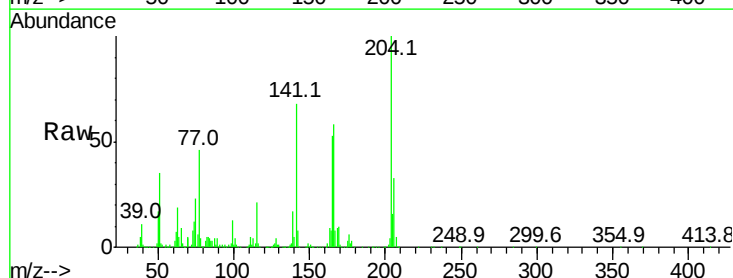
Instrument :
BNA_G
ClientSampleId :

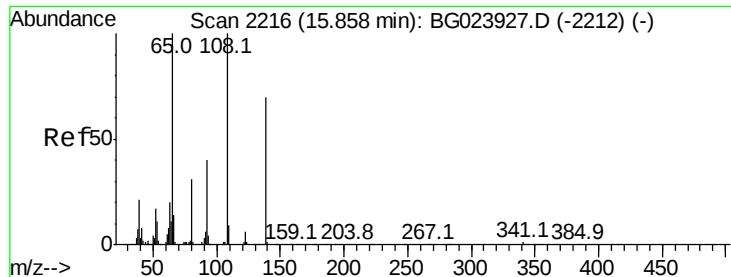
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.2	28.8
150	13.1	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 51.61 ng
RT: 15.81 min Scan# 2209
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	28.5	42.7
141	67.8	51.4	77.0

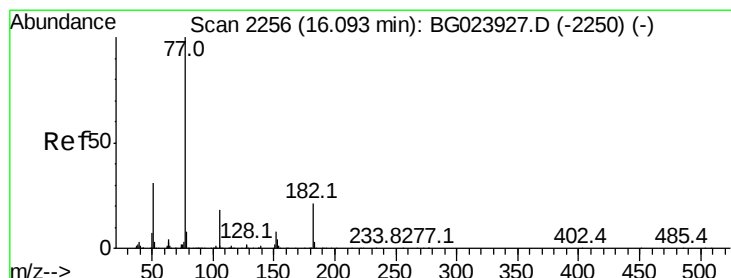
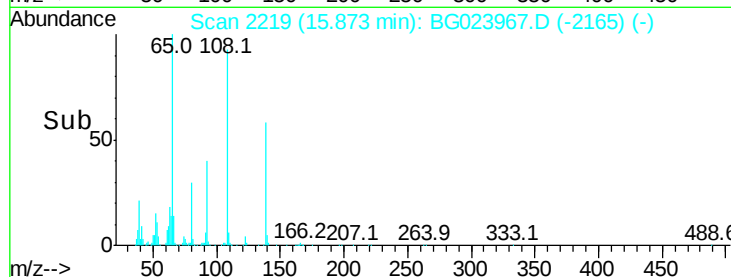
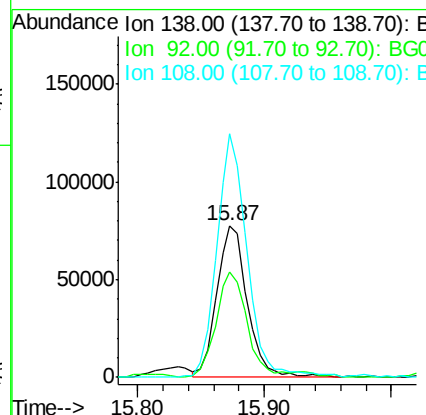
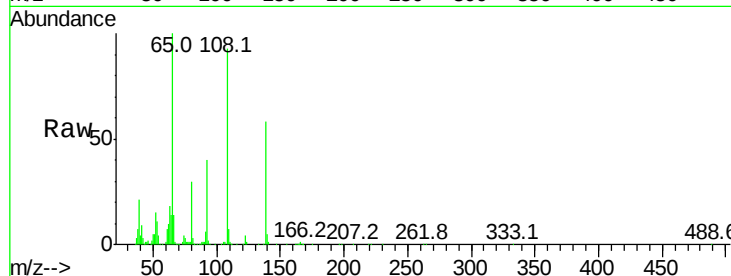




#61
4-Nitroaniline
Concen: 52.46 ng
RT: 15.87 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

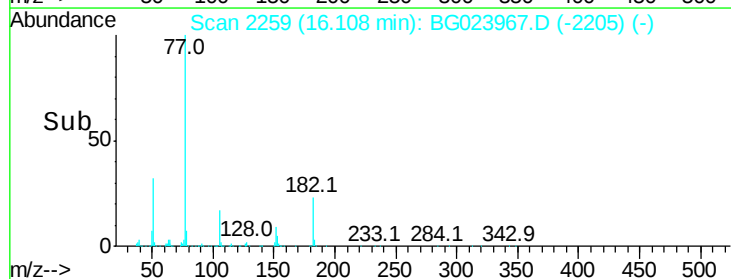
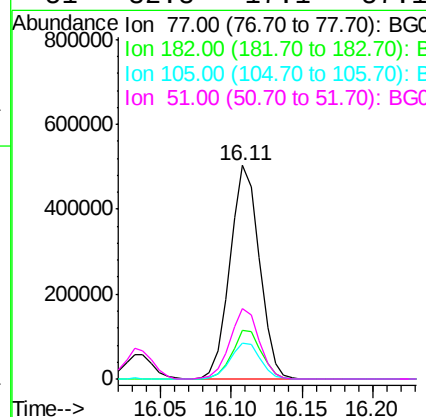
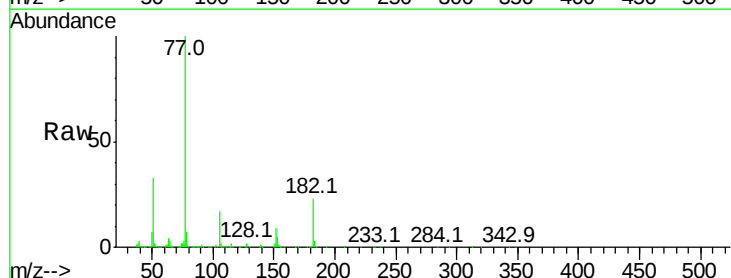
Instrument :
BNA_G
ClientSampleId :

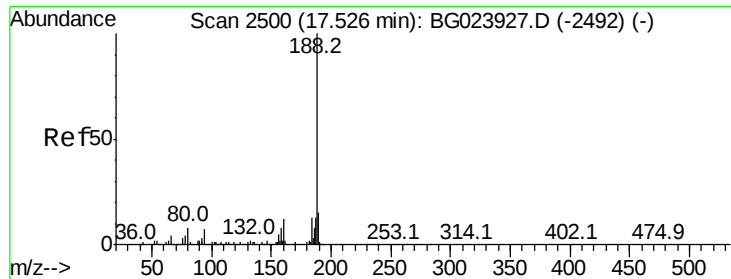
Tot Ion:138 Resp: 127443
Ion Ratio Lower Upper
138 100
92 69.4 54.1 94.1
108 160.3 133.9 173.9



#62
Azobenzene
Concen: 57.85 ng
RT: 16.11 min Scan# 2259
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion: 77 Resp: 727837
Ion Ratio Lower Upper
77 100
182 22.7 3.5 43.5
105 17.1 0.0 38.5
51 32.8 17.1 57.1

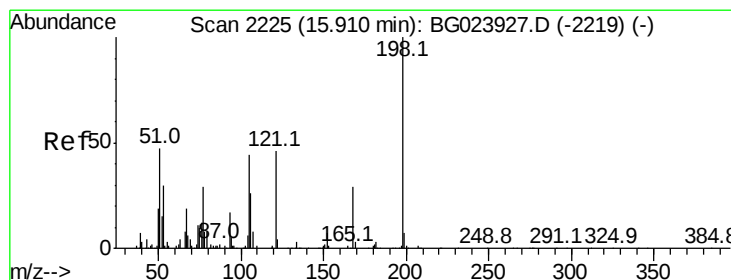
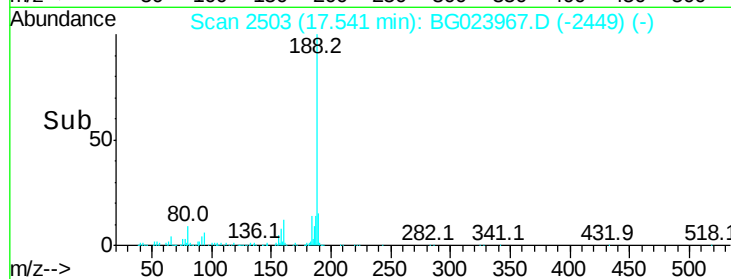
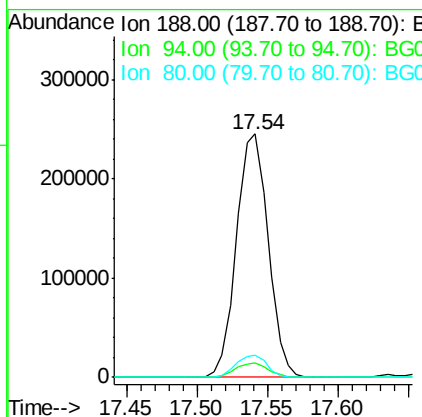
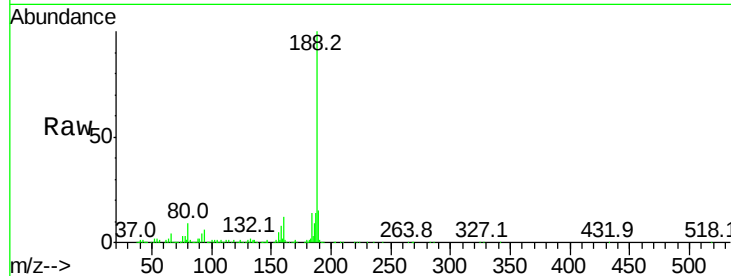




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.54 min Scan# 2503
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

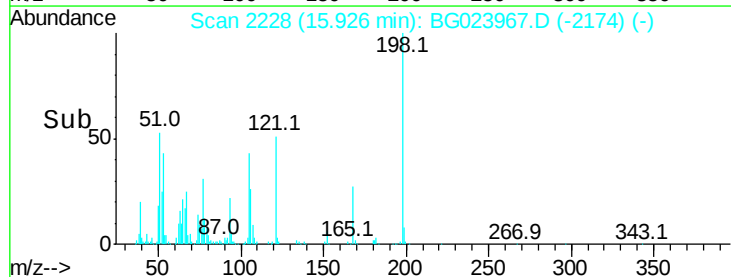
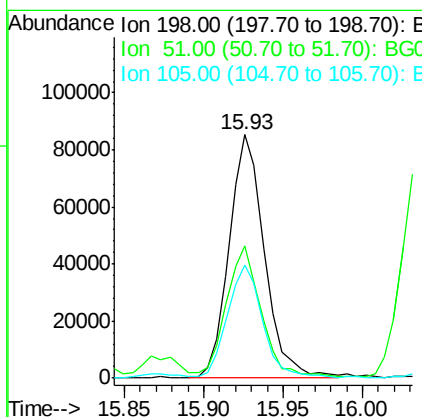
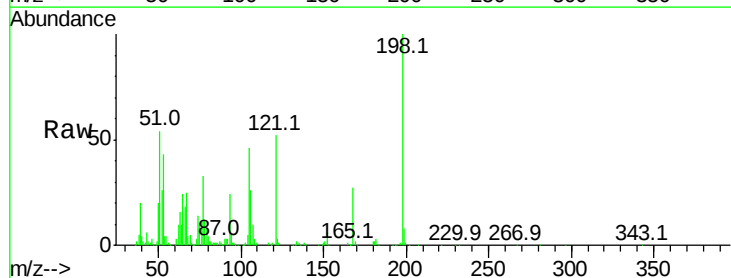
Instrument :
 BNA_G
 ClientSampleId :

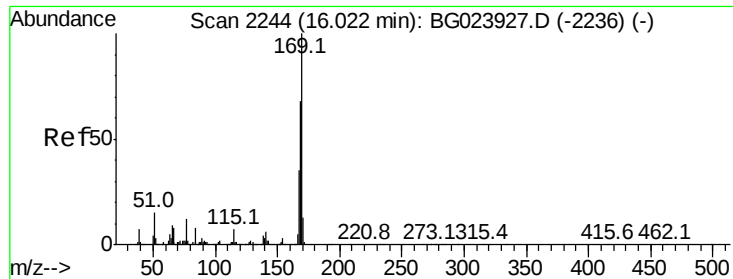
Tot Ion:188 Resp: 383097
 Ion Ratio Lower Upper
 188 100
 94 6.1 5.2 7.8
 80 9.3 7.2 10.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.45 ng
 RT: 15.93 min Scan# 2228
 Delta R.T. 0.02 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

Tgt Ion:198 Resp: 131531
 Ion Ratio Lower Upper
 198 100
 51 54.3 26.0 66.0
 105 46.2 20.1 60.1

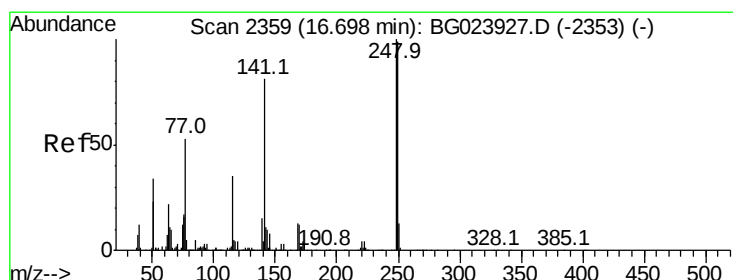
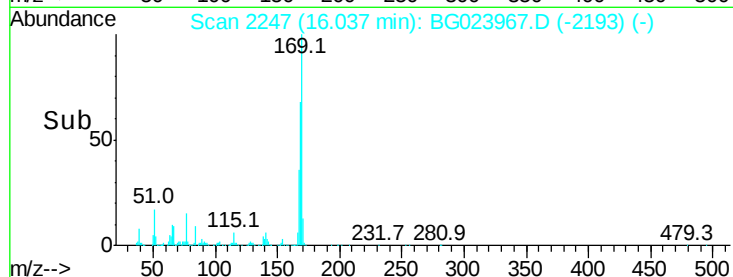
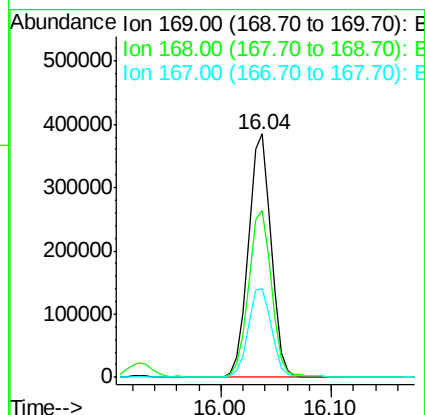
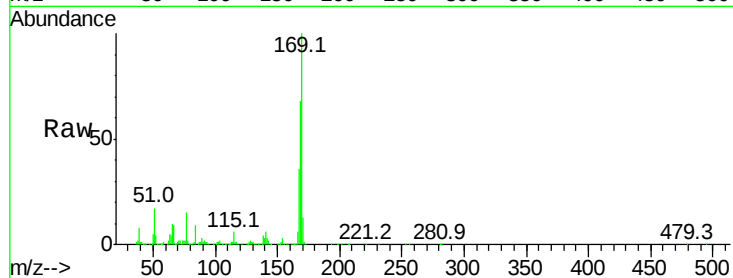




#65
n-Nitrosodiphenylamine
Concen: 50.96 ng
RT: 16.04 min Scan# 2247
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

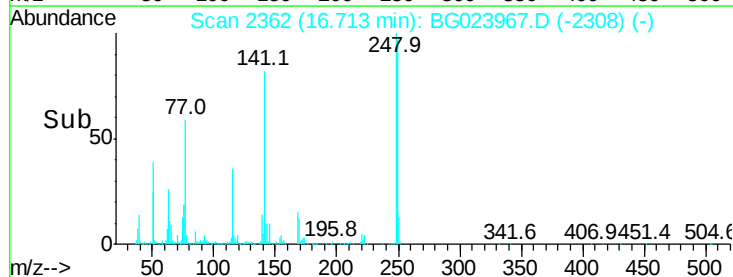
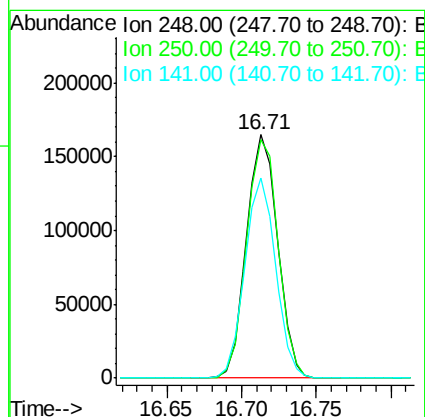
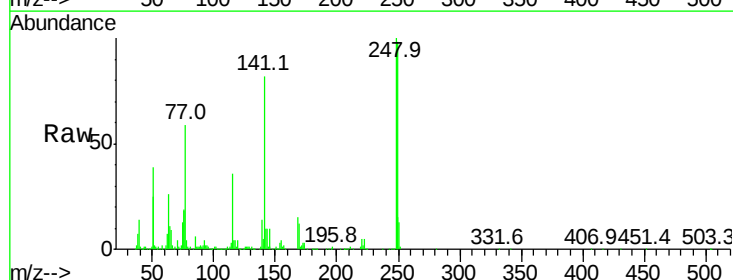
Instrument :
BNA_G
ClientSampleId :

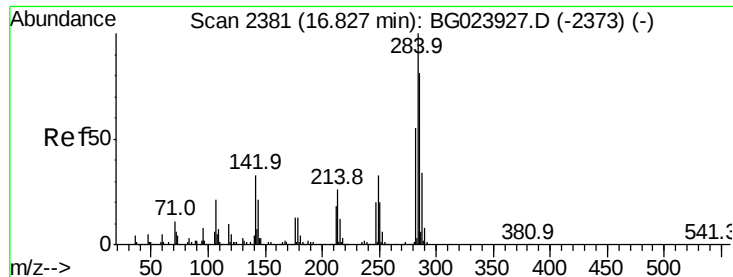
Tot Ion:169 Resp: 554462
Ion Ratio Lower Upper
169 100
168 68.3 55.0 82.4
167 36.4 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 51.13 ng
RT: 16.71 min Scan# 2362
Delta R.T. 0.02 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion:248 Resp: 238311
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.8
141 82.2 65.7 98.5





#67

Hexachlorobenzene

Concen: 44.30 ng

RT: 16.84 min Scan# 2384

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

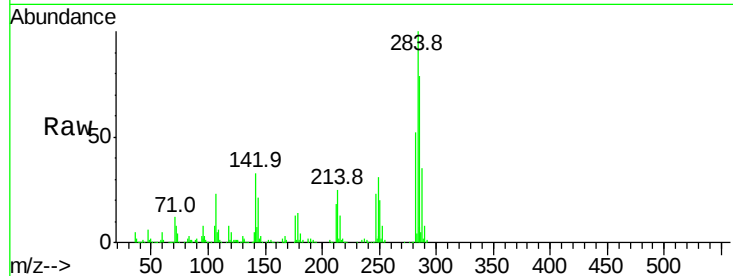
Tot Ion:284 Resp: 242191

Ion Ratio Lower Upper

284 100

142 32.9 26.8 40.2

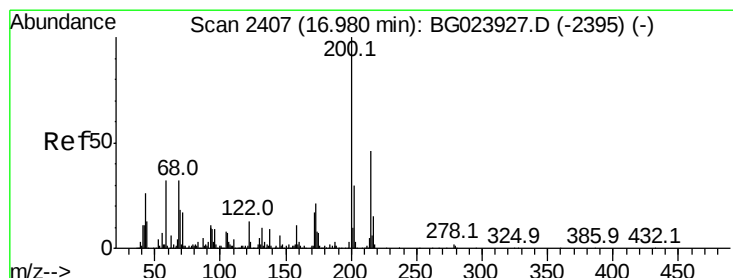
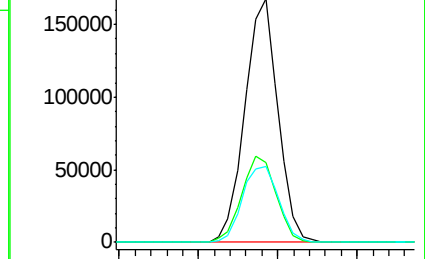
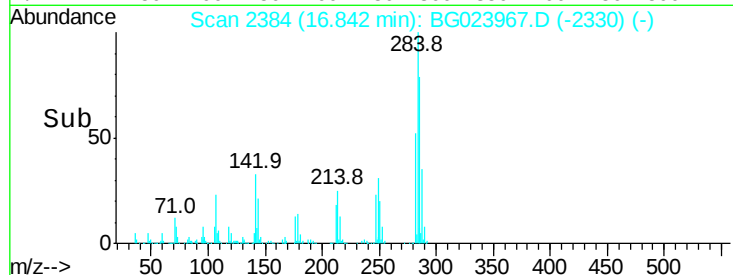
249 31.0 28.9 43.3



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: 51.02 ng

RT: 16.99 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

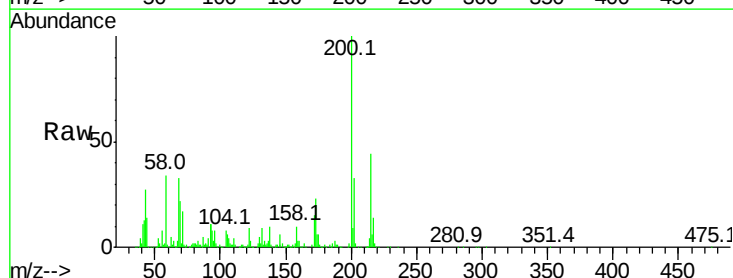
Tgt Ion:200 Resp: 238856

Ion Ratio Lower Upper

200 100

173 22.6 1.6 41.6

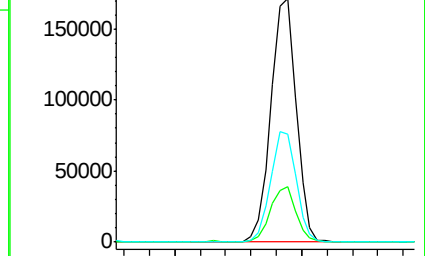
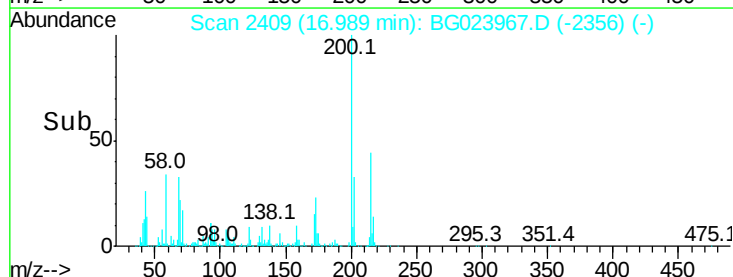
215 44.2 28.7 68.7

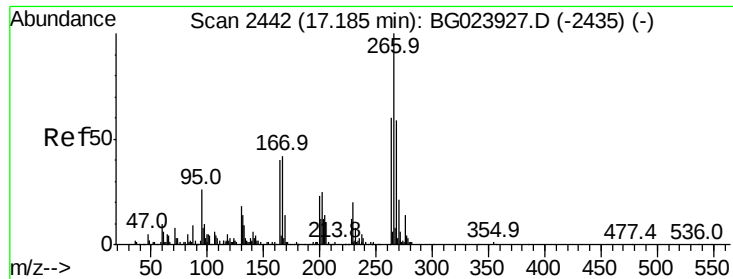


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 95.99 ng

RT: 17.19 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampled :

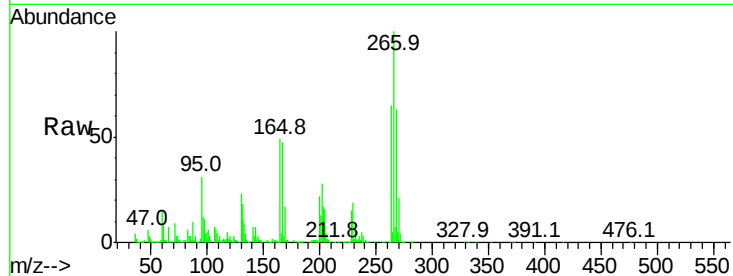
Tot Ion:266 Resp: 278692

Ion Ratio Lower Upper

266 100

268 63.1 51.9 77.9

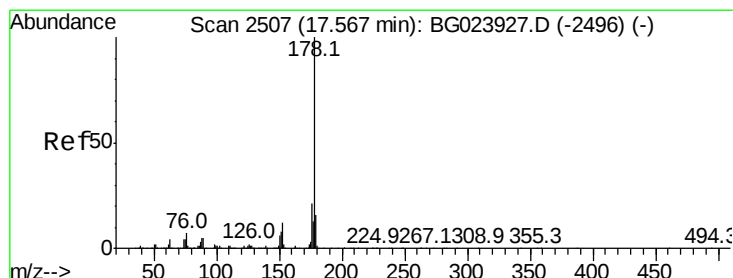
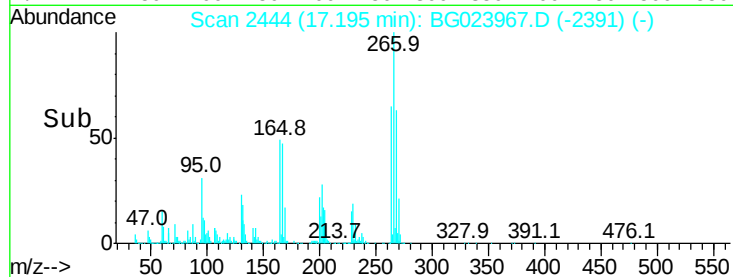
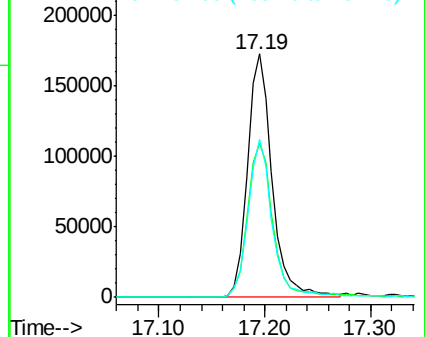
264 64.9 50.6 75.8



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: 51.65 ng

RT: 17.58 min Scan# 2510

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

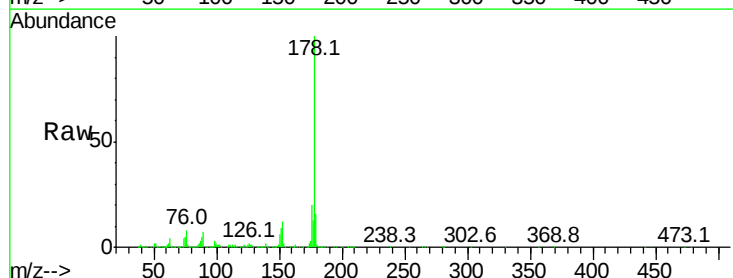
Tgt Ion:178 Resp: 1029443

Ion Ratio Lower Upper

178 100

176 20.5 16.8 25.2

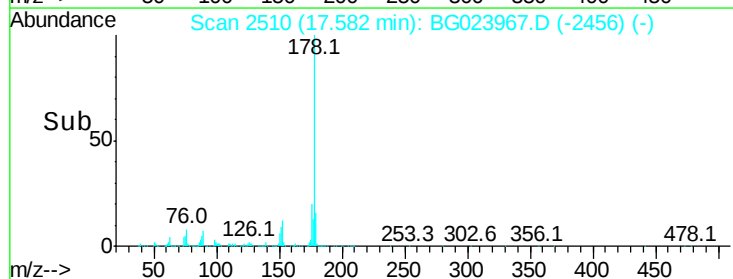
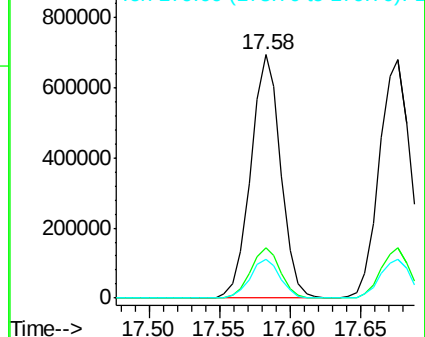
179 15.8 14.3 21.5

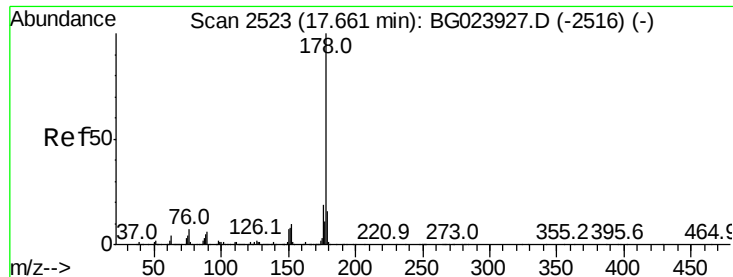


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 51.88 ng

RT: 17.68 min Scan# 2526

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

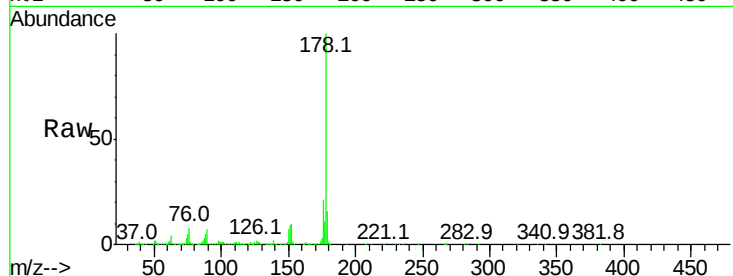
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1054731

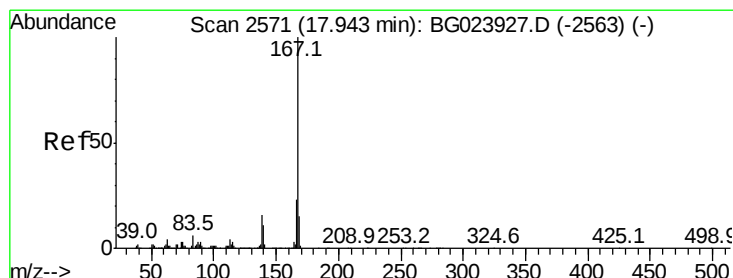
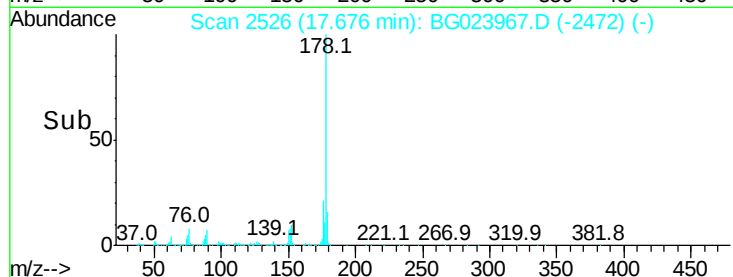
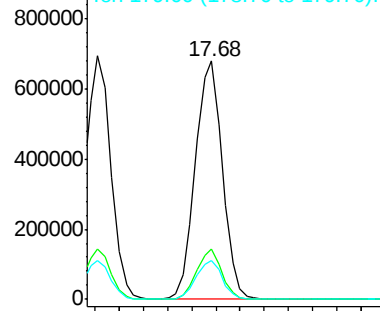
Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.3	25.9
179	16.3	14.0	21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 49.88 ng

RT: 17.95 min Scan# 2573

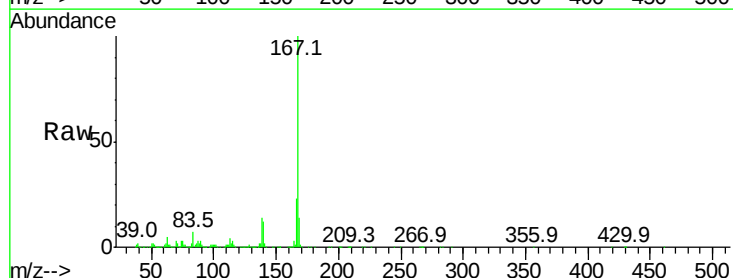
Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Tgt Ion:167 Resp: 920056

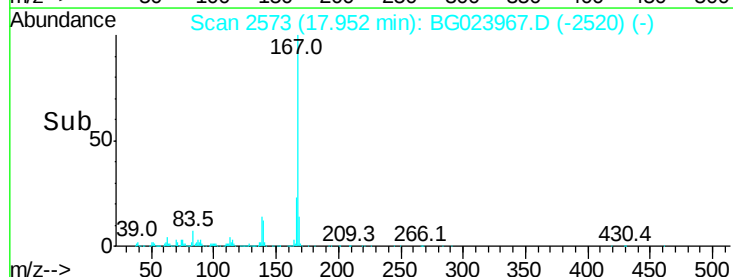
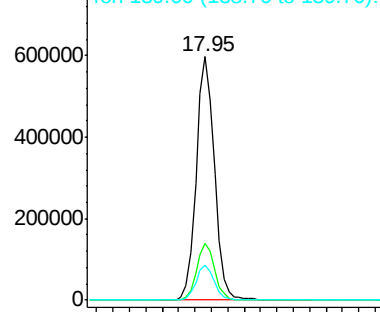
Ion	Ratio	Lower	Upper
167	100		
166	23.3	20.7	31.1
139	14.3	11.9	17.9

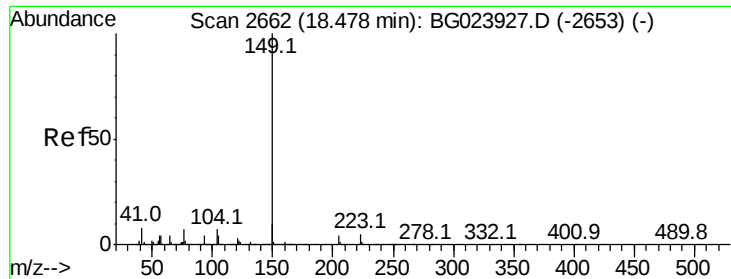


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.10 ng

RT: 18.48 min Scan# 2663

Delta R.T. 0.00 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

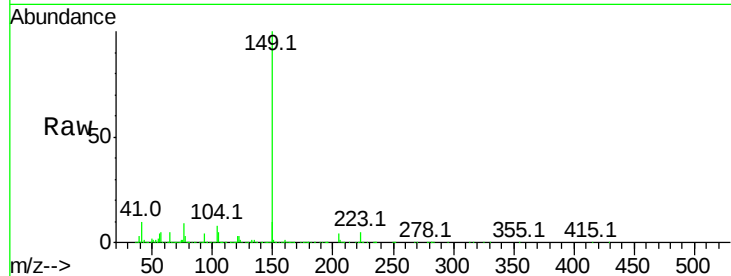
Tot Ion:149 Resp: 1080619

Ion Ratio Lower Upper

149 100

150 10.2 9.1 13.7

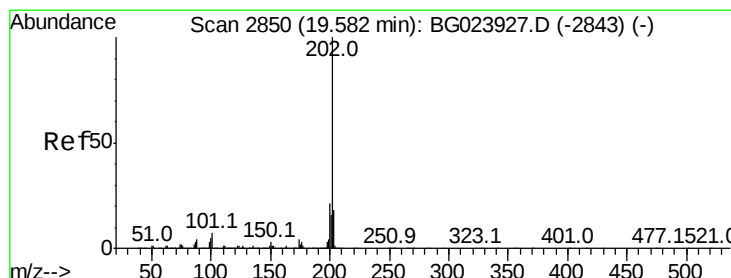
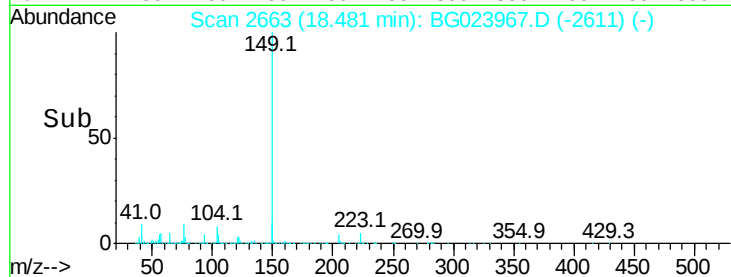
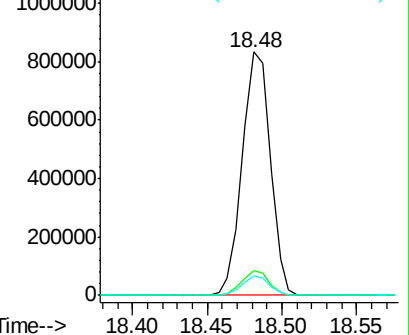
104 8.0 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.90 ng

RT: 19.59 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

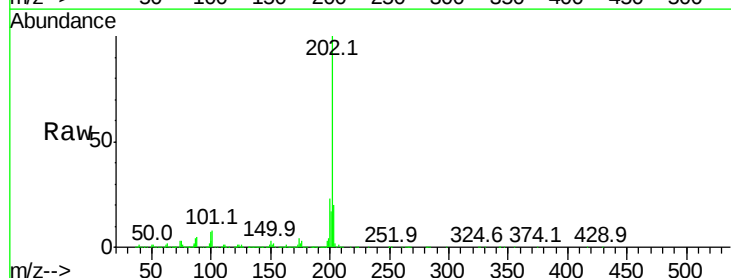
Tgt Ion:202 Resp: 1221260

Ion Ratio Lower Upper

202 100

101 7.7 0.0 27.4

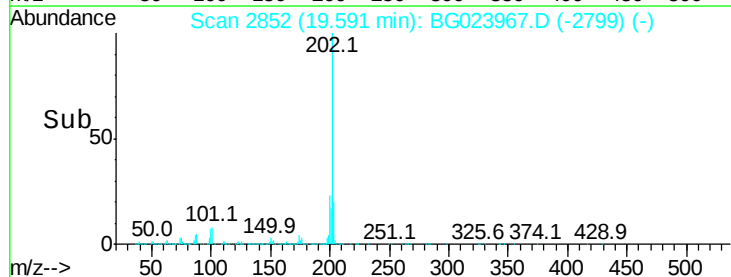
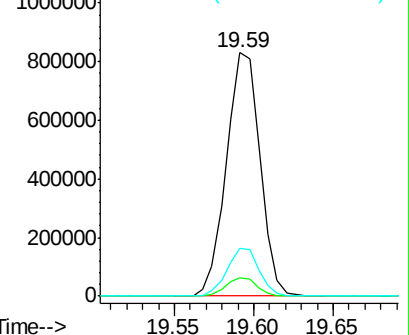
203 19.5 1.7 41.7

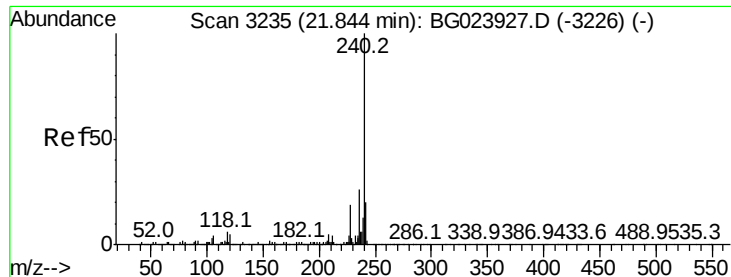


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

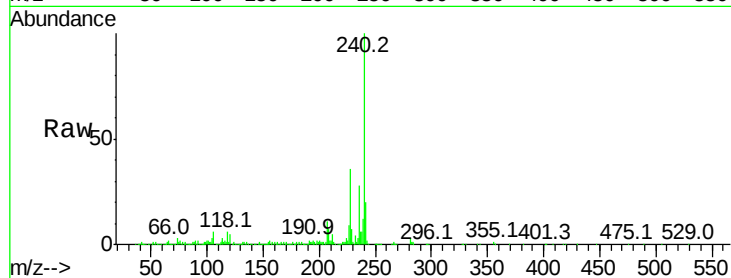
Tot Ion:240 Resp: 410472

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

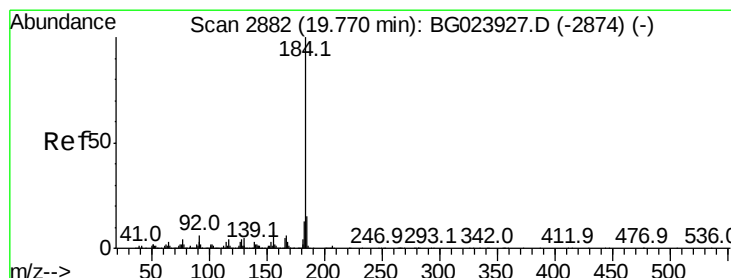
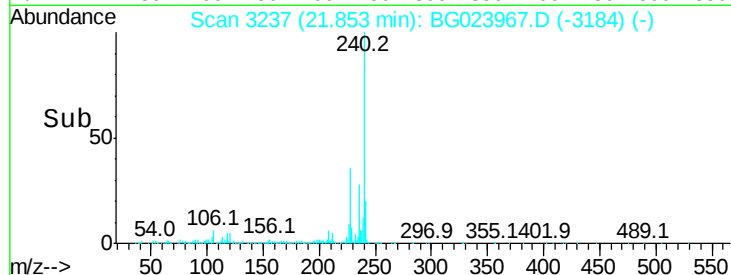
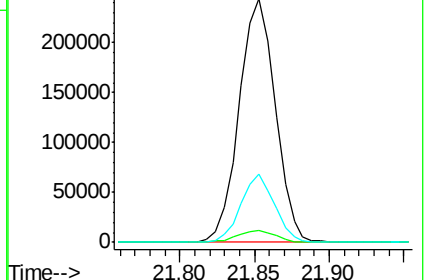
236 28.0 21.1 31.7



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: 52.38 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

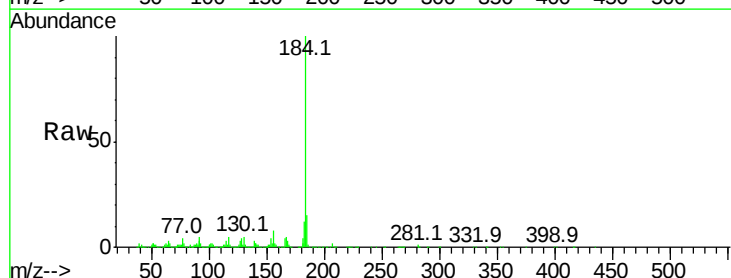
Tgt Ion:184 Resp: 665817

Ion Ratio Lower Upper

184 100

185 14.9 12.6 19.0

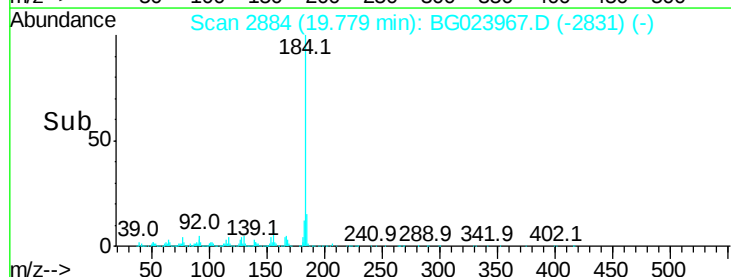
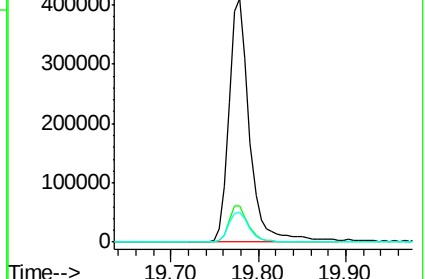
183 12.5 10.7 16.1

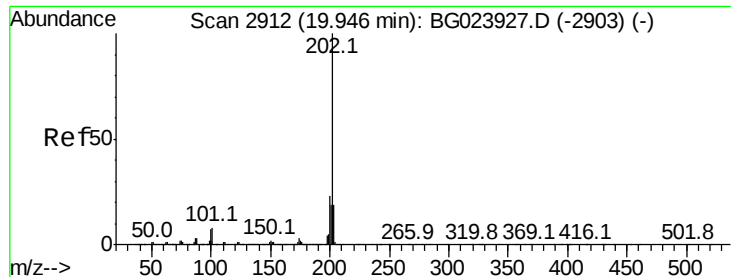


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.54 ng

RT: 19.96 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

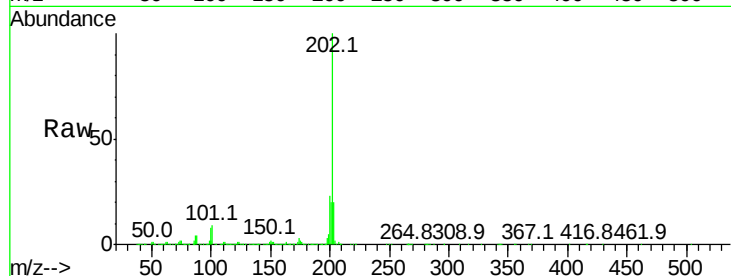
Tot Ion:202 Resp: 1225376

Ion	Ratio	Lower	Upper
202	100		
200	23.3	21.2	31.8
203	19.6	16.8	25.2

202 100

200 23.3 21.2 31.8

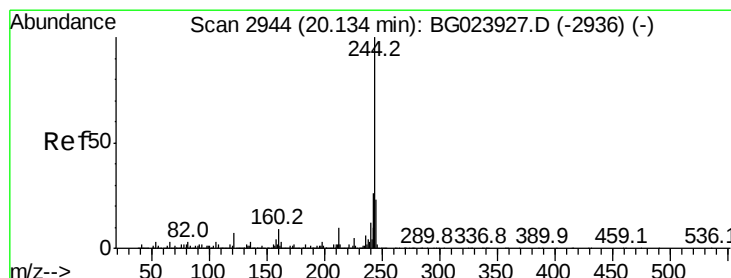
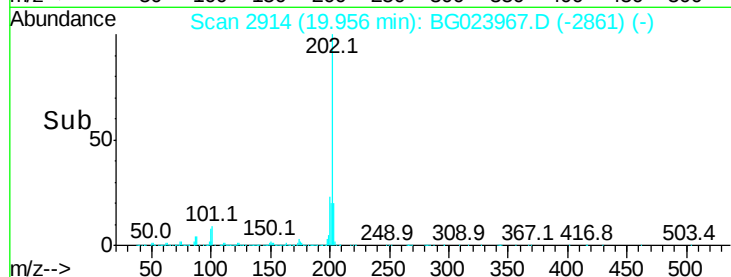
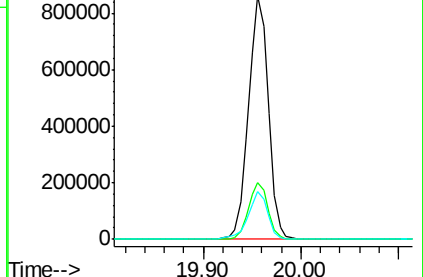
203 19.6 16.8 25.2



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: 87.83 ng

RT: 20.14 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

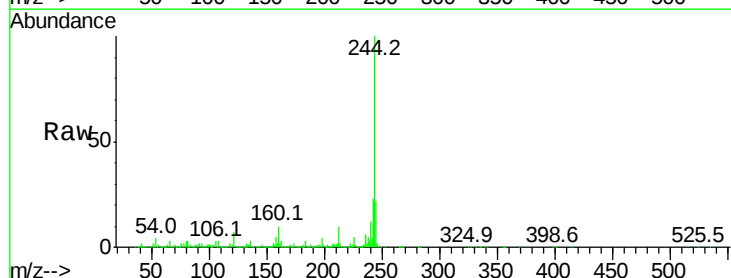
Tgt Ion:244 Resp: 1583059

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.8	16.2#
122	6.9	8.0	12.0#

244 100

212 10.3 10.8 16.2#

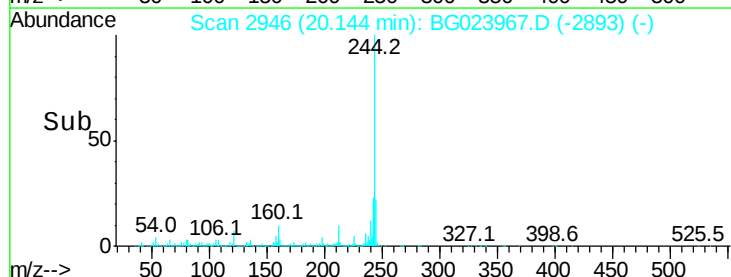
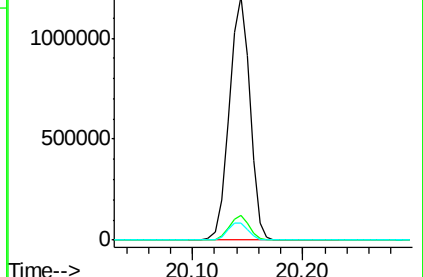
122 6.9 8.0 12.0#

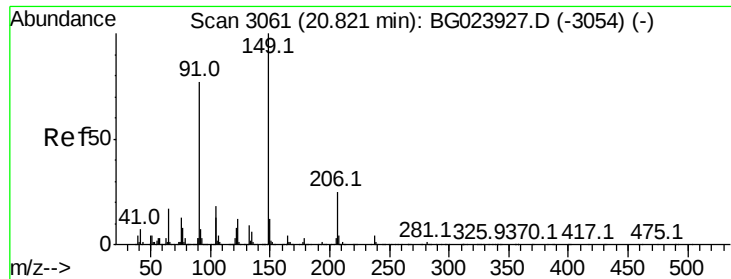


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

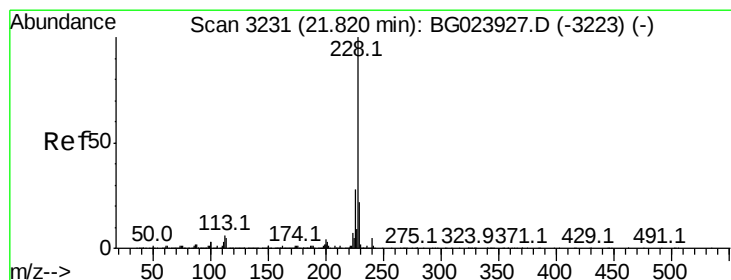
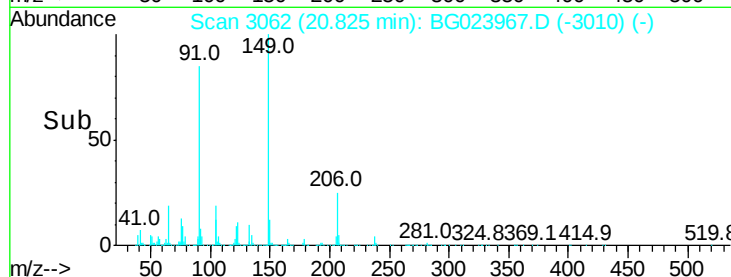
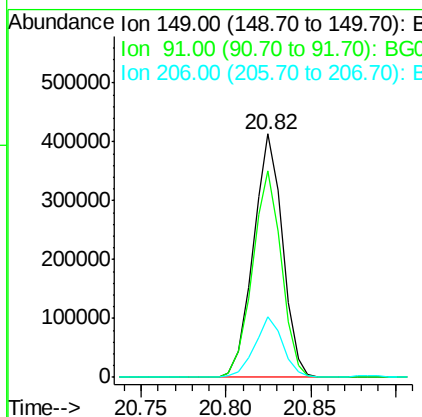
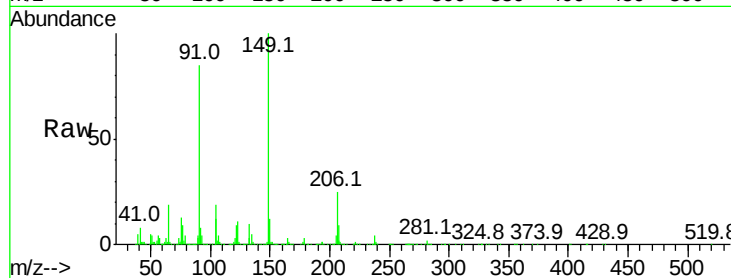




#79
Butylbenzylphthalate
Concen: 51.03 ng
RT: 20.82 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

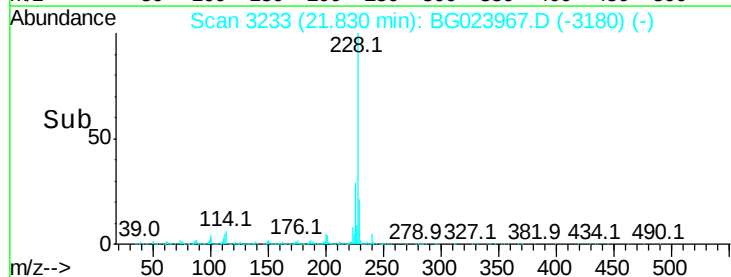
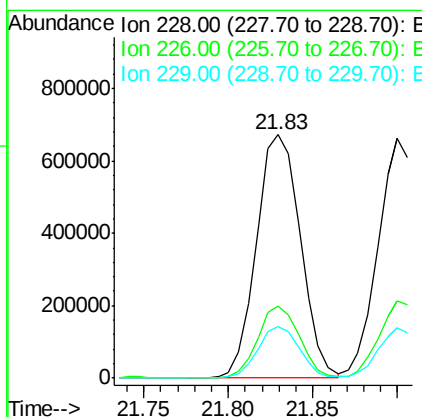
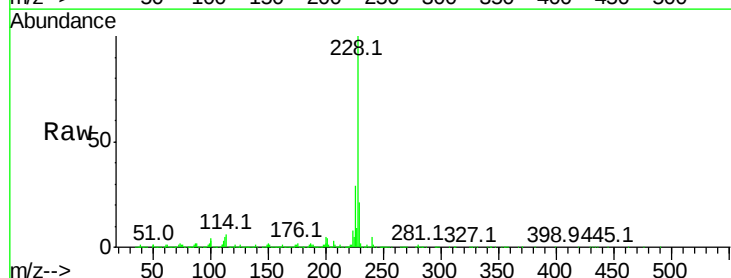
Instrument :
BNA_G
ClientSampleId :

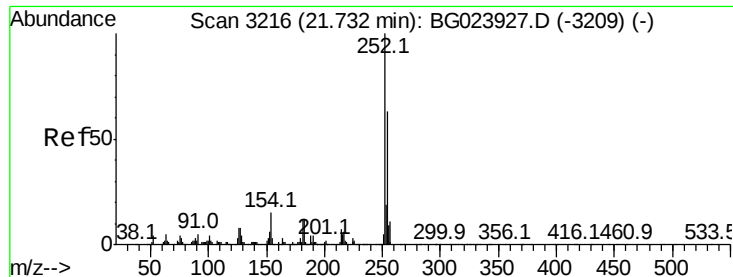
Tot Ion	Ratio	Lower	Upper
149	100		
91	84.9	68.1	102.1
206	25.0	19.8	29.6



#80
Benzo(a)anthracene
Concen: 52.64 ng
RT: 21.83 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BG023967.D
Acq: 8 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.3	37.9
229	21.4	19.9	29.9





#81

3,3'-Dichlorobenzidine

Concen: 33.79 ng

RT: 21.74 min Scan# 3218

Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

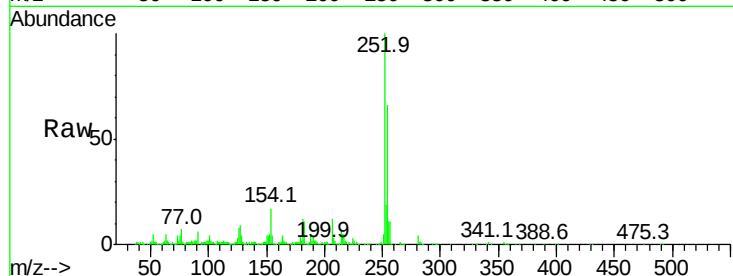
Tot Ion:252 Resp: 310335

Ion Ratio Lower Upper

252 100

254 66.3 51.2 76.8

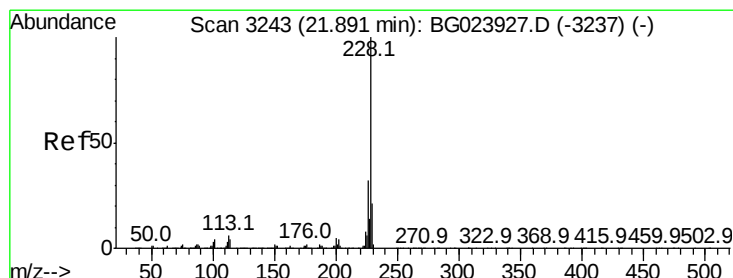
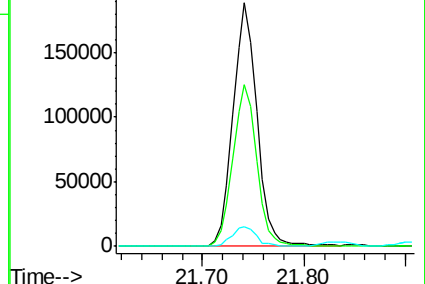
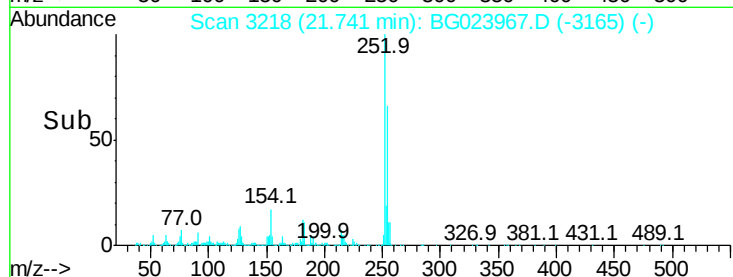
126 8.1 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 51.66 ng

RT: 21.90 min Scan# 3245

Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

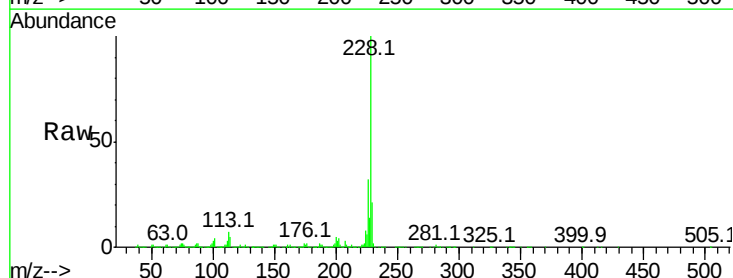
Tgt Ion:228 Resp: 1129897

Ion Ratio Lower Upper

228 100

226 32.2 26.7 40.1

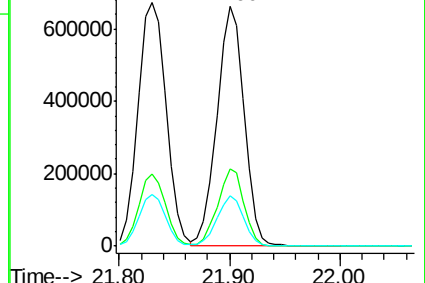
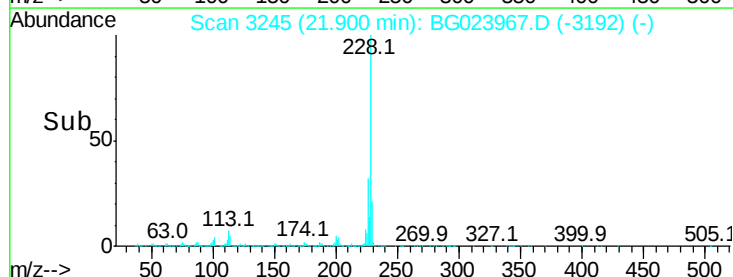
229 21.1 17.4 26.2

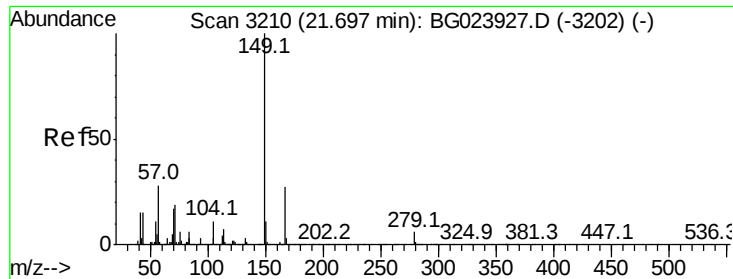


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

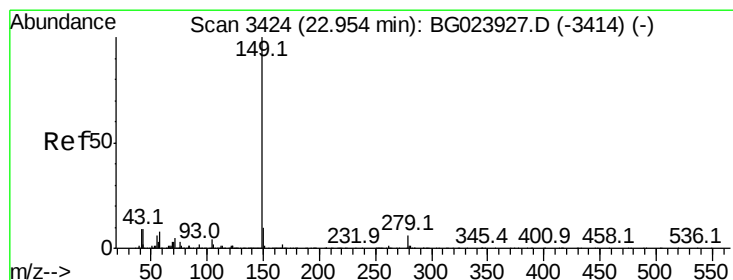
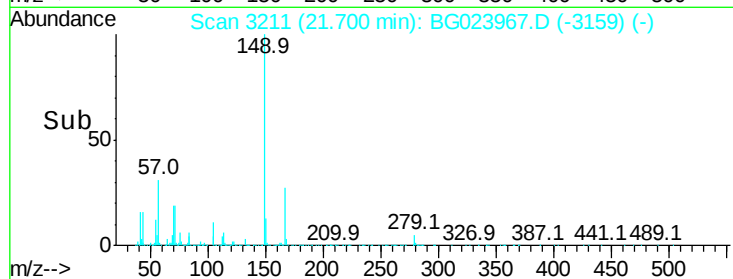
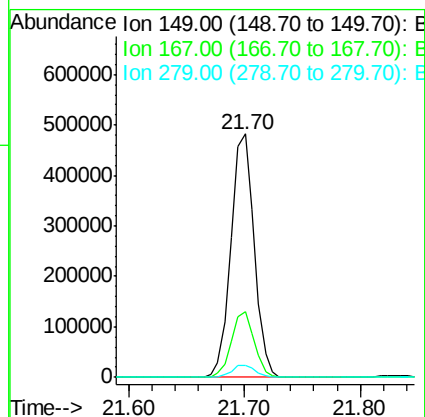
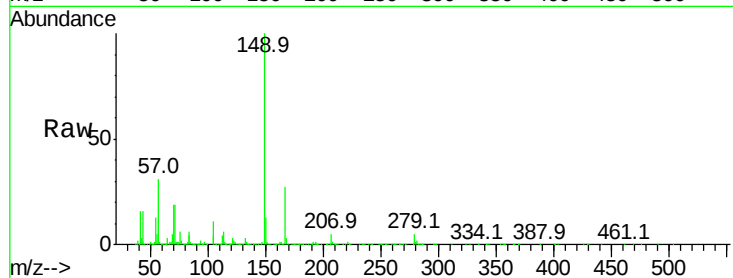




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.32 ng
 RT: 21.70 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

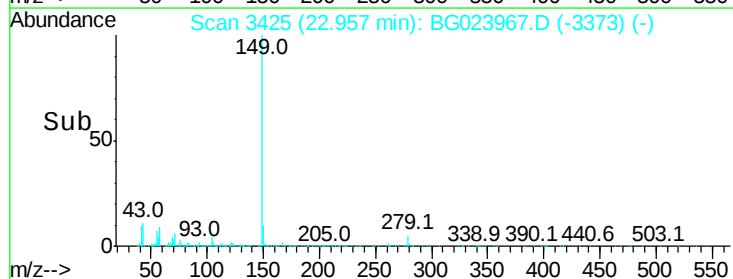
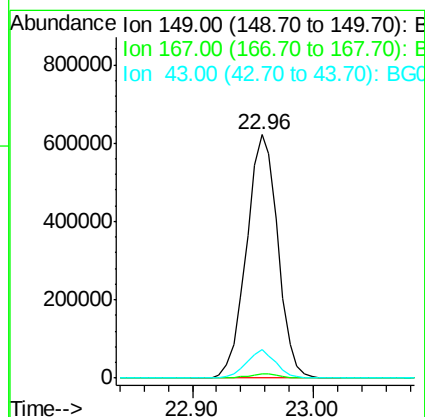
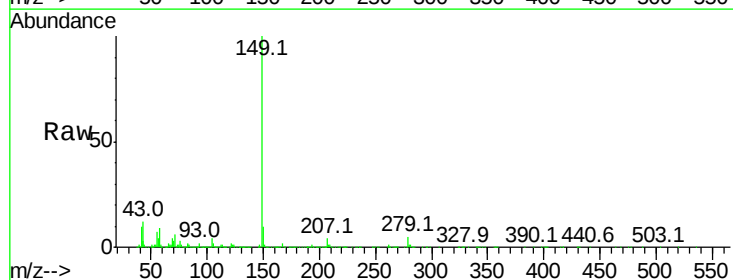
Instrument :
 BNA_G
 ClientSampleId :

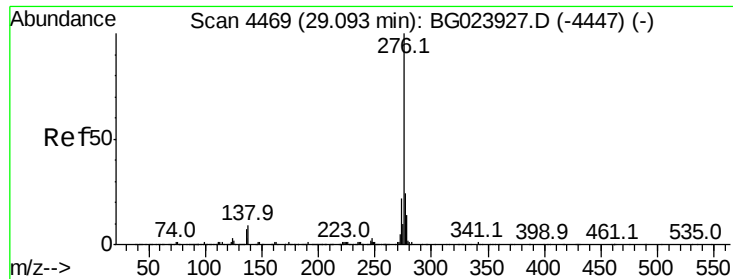
Tot Ion:149 Resp: 670541
 Ion Ratio Lower Upper
 149 100
 167 27.0 24.0 36.0
 279 5.0 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 51.15 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. 0.00 min
 Lab File: BG023967.D
 Acq: 8 Sep 2016 13:24

Tgt Ion:149 Resp: 1117815
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.7 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 56.80 ng

RT: 29.13 min Scan# 4475

Delta R.T. 0.03 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

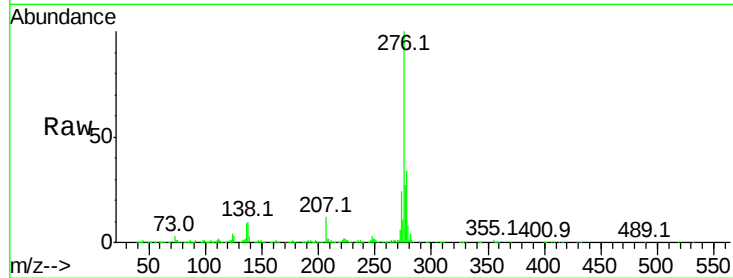
Instrument :

BNA_G

ClientSampled :

Tot Ion:276 Resp: 1375470

Ion	Ratio	Lower	Upper
276	100		
138	7.6	0.0	0.0#
277	25.8	0.0	0.0#

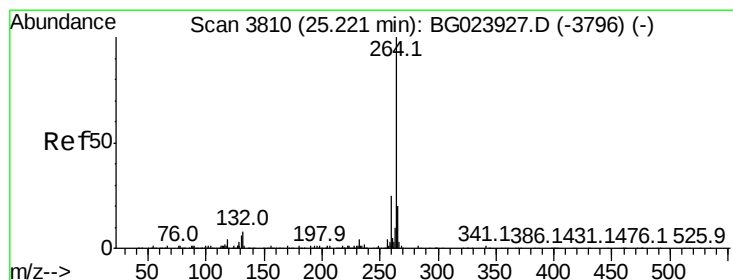
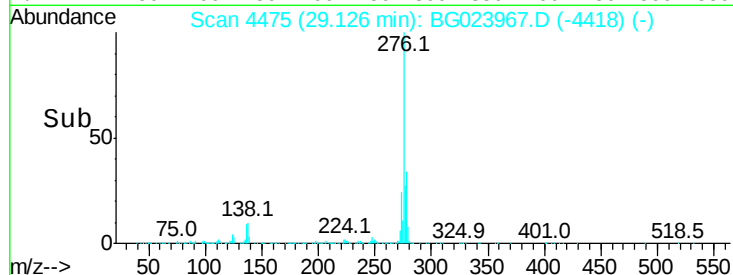
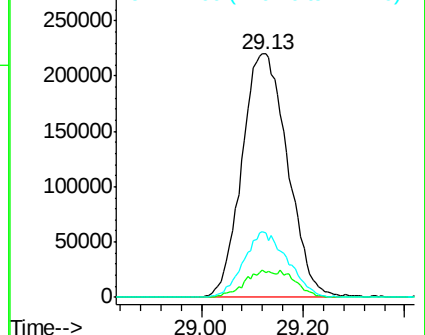


Abundance

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

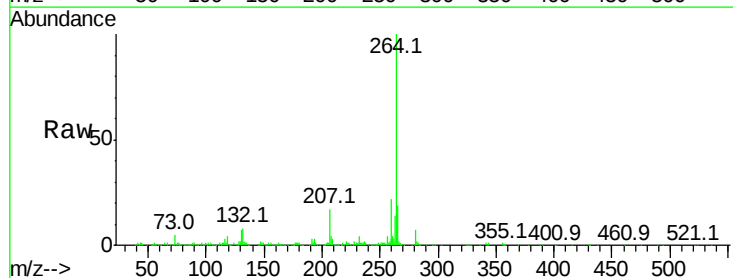
Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Tgt Ion:264 Resp: 400269

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	19.3	18.9	28.3

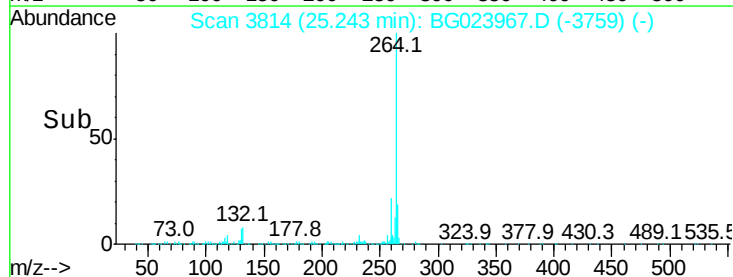
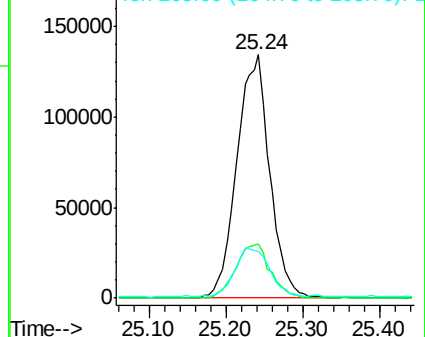


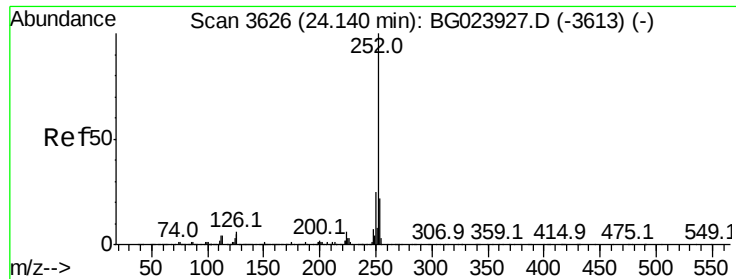
Abundance

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: 54.94 ng

RT: 24.16 min Scan# 3629

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

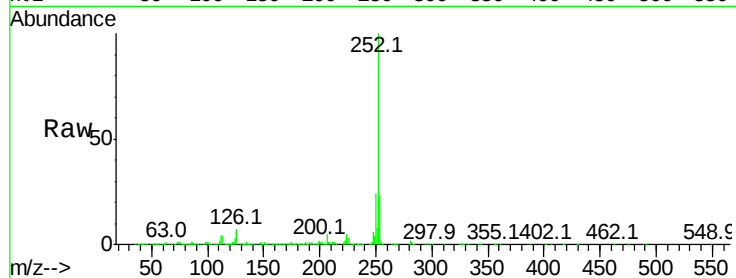
Tot Ion:252 Resp: 1249279

Ion Ratio Lower Upper

252 100

253 22.7 18.9 28.3

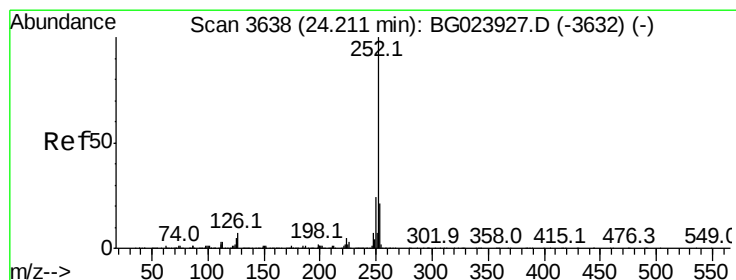
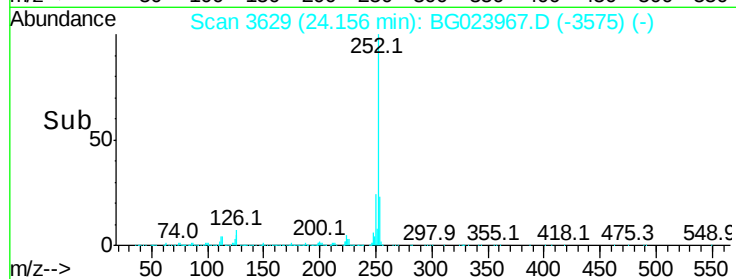
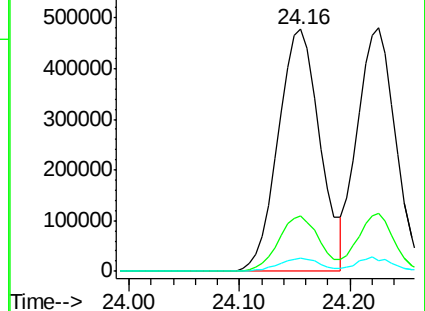
125 5.5 3.9 5.9



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: 51.22 ng

RT: 24.23 min Scan# 3641

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

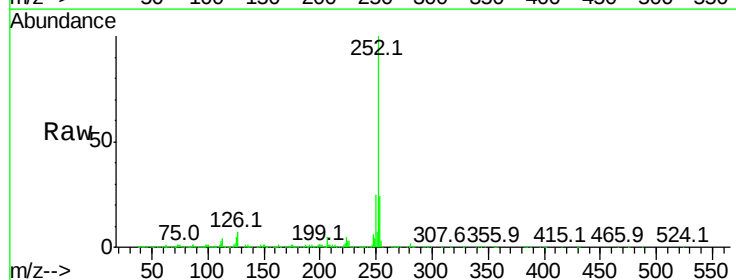
Tgt Ion:252 Resp: 1154868

Ion Ratio Lower Upper

252 100

253 23.7 18.8 28.2

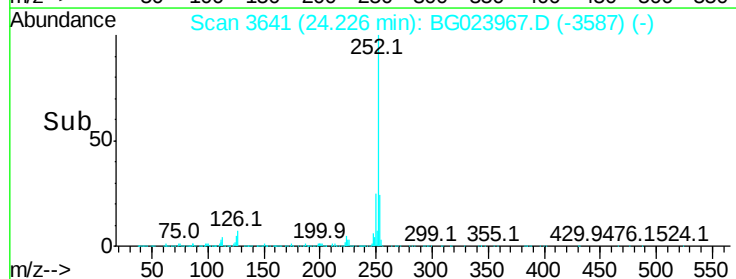
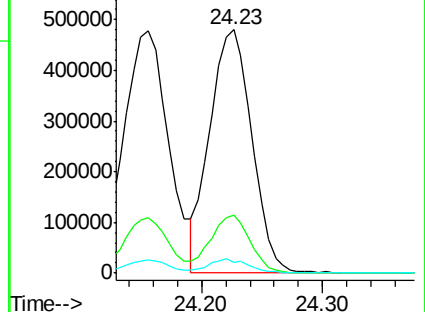
125 4.6 3.2 4.8

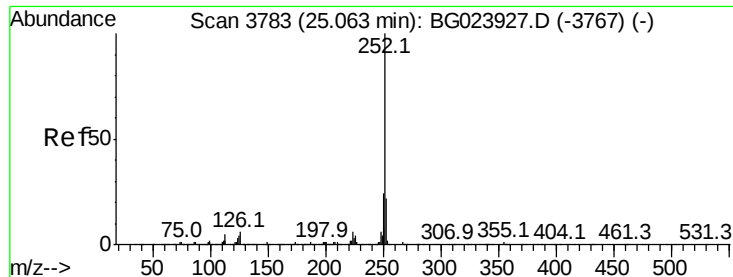


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 55.06 ng

RT: 25.07 min Scan# 3785

Delta R.T. 0.01 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

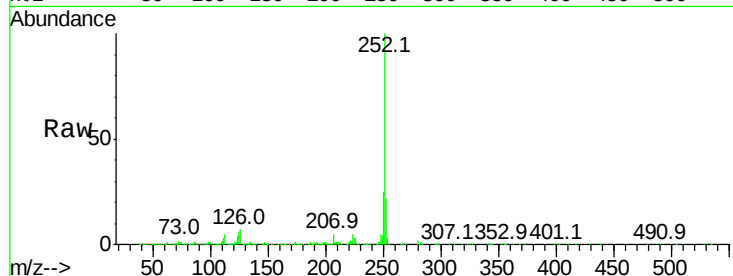
Tot Ion:252 Resp: 1188864

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.7	28.1
125	6.4	3.9	5.9

252 100

253 21.9 18.7 28.1

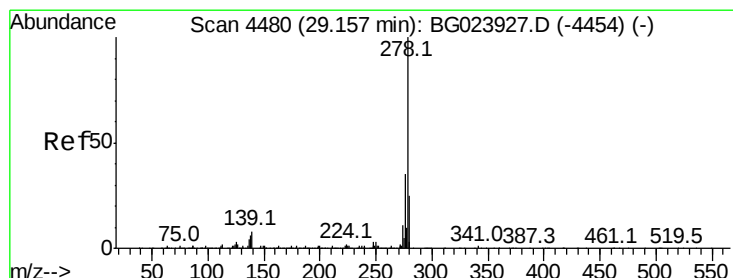
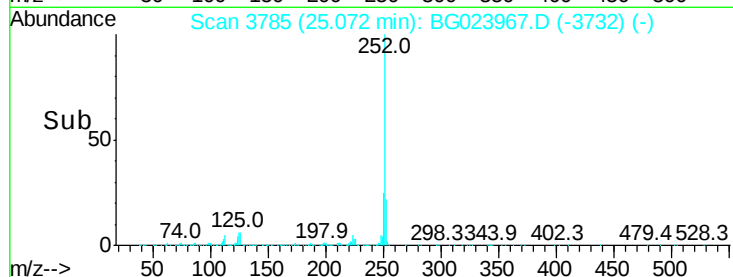
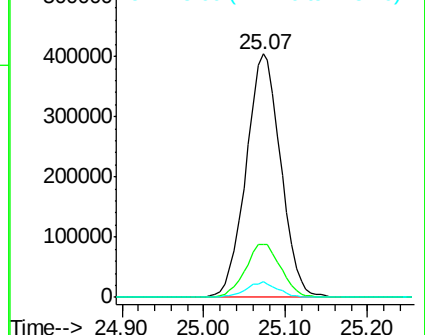
125 6.4 3.9 5.9



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: 53.24 ng

RT: 29.17 min Scan# 4483

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

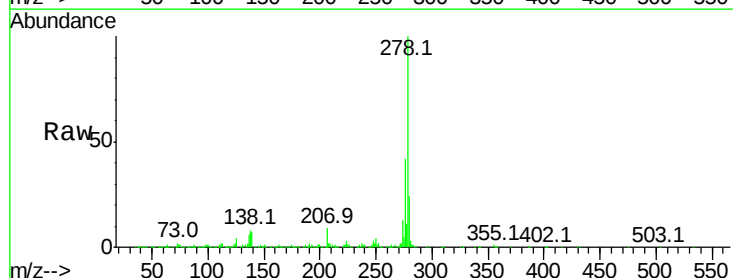
Tgt Ion:278 Resp: 1130492

Ion	Ratio	Lower	Upper
278	100		
139	7.4	4.7	7.1
279	24.1	18.3	27.5

278 100

139 7.4 4.7 7.1

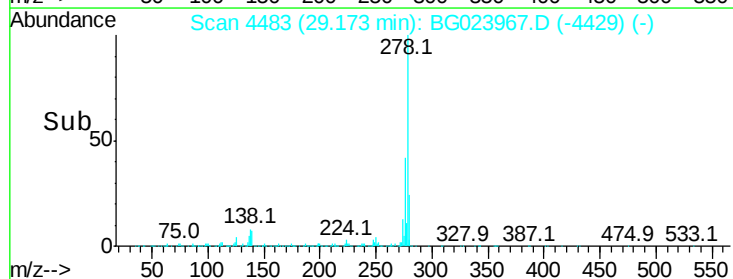
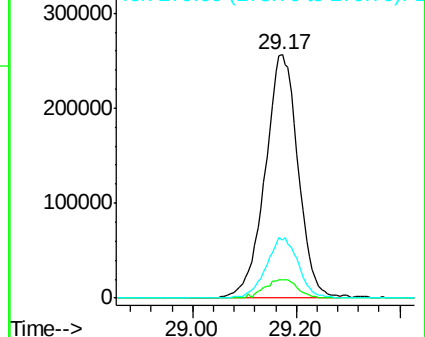
279 24.1 18.3 27.5

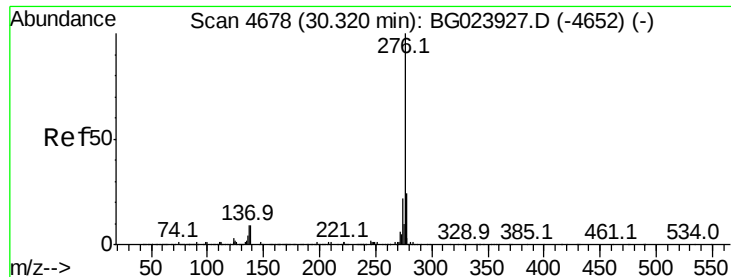


Abundance Ion 278.00 (277.70 to 278.70): E

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: 56.29 ng

RT: 30.34 min Scan# 4681

Delta R.T. 0.02 min

Lab File: BG023967.D

Acq: 8 Sep 2016 13:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1149555

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	27.8
138	11.0	6.8	10.2

276 100

277 23.1 18.6 27.8

138 11.0 6.8 10.2

