

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023379.D
 Acq On : 31 Jul 2016 22:20
 Operator : UM/SJ
 Sample : H4223-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:29:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	147242	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	751491	20.00	ng	-0.03
38) Acenaphthene-d10	14.79	164	561127	20.00	ng	-0.02
63) Phenanthrene-d10	17.54	188	1374780	20.00	ng	-0.03
75) Chrysene-d12	21.86	240	1133038	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1127117	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1134947	131.59	ng	0.00
7) Phenol-d6	7.28	99	1745446	131.81	ng	0.00
23) Nitrobenzene-d5	9.30	82	1135518	73.89	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	894983	154.10	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	2317111	77.29	ng	-0.02
78) Terphenyl-d14	20.15	244	2898644	83.16	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	100607	27.20	ng	# 92
3) Pyridine	3.93	79	348318	26.90	ng	93
4) n-Nitrosodimethylamine	3.84	42	160412	27.42	ng	# 72
6) Aniline	7.44	93	762508	43.11	ng	94
8) 2-Chlorophenol	7.69	128	449428	46.70	ng	99
9) Benzaldehyde	7.25	77	305157	32.08	ng	94
10) Phenol	7.31	94	705363	50.48	ng	# 80
11) bis(2-Chloroethyl)ether	7.53	93	450648	37.95	ng	92
12) 1,3-Dichlorobenzene	8.01	146	402322	37.10	ng	95
13) 1,4-Dichlorobenzene	8.16	146	415941	37.60	ng	93
14) 1,2-Dichlorobenzene	8.48	146	411054	38.52	ng	92
15) Benzyl Alcohol	8.36	79	507218	56.92	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.66	45	651354	34.47	ng	89
17) 2-Methylphenol	8.57	107	466104	48.81	ng	# 83
18) Hexachloroethane	9.21	117	160351	34.79	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	471402	39.58	ng	98
20) 3+4-Methylphenols	8.90	107	660002	50.83	ng	87
22) Acetophenone	8.95	105	679644	34.64	ng	# 88
24) Nitrobenzene	9.34	77	642385	36.00	ng	# 86
25) Isophorone	9.87	82	1288194	40.59	ng	# 93
26) 2-Nitrophenol	10.06	139	289227	42.91	ng	# 75
27) 2,4-Dimethylphenol	10.11	122	521588	45.91	ng	84
28) bis(2-Chloroethoxy)methane	10.35	93	744603	41.81	ng	99
29) 2,4-Dichlorophenol	10.60	162	532744	48.44	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	478061	39.33	ng	98
31) Naphthalene	11.01	128	1432447	41.02	ng	98
32) Benzoic acid	10.11	122	521588	54.97	ng	# 7
33) 4-Chloroaniline	11.12	127	577715	35.81	ng	93
34) Hexachlorobutadiene	11.29	225	283783	35.62	ng	93
35) Caprolactam	11.90	113	113899	24.35	ng	97
36) 4-Chloro-3-methylphenol	12.24	107	666882	46.15	ng	# 88
37) 2-Methylnaphthalene	12.61	142	1143067	44.15	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	535386	29.47	ng	98
40) Hexachlorocyclopentadiene	12.95	237	669210	77.74	ng	97

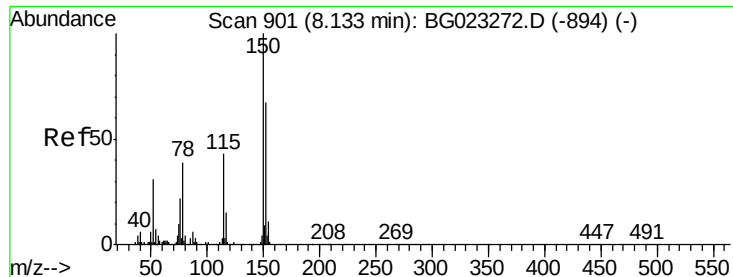
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023379.D
 Acq On : 31 Jul 2016 22:20
 Operator : UM/SJ
 Sample : H4223-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:29:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	473895	44.41	nq	98
43) 2,4,5-Trichlorophenol	13.30	196	497330	43.94	nq	91
45) 1,1'-Biphenyl	13.61	154	1378912	35.23	nq	92
46) 2-Chloronaphthalene	13.66	162	1213005	38.68	nq	95
47) 2-Nitroaniline	13.87	65	548162	41.32	nq	88
48) Acenaphthylene	14.51	152	1954144	40.70	nq	97
49) Dimethylphthalate	14.24	163	2257531	54.52	nq	# 94
50) 2,6-Dinitrotoluene	14.36	165	413861	42.68	nq	# 77
51) Acenaphthene	14.85	154	1260171	40.46	nq	99
52) 3-Nitroaniline	14.69	138	424740	43.49	nq	# 78
53) 2,4-Dinitrophenol	14.90	184	186289	32.81	nq	# 86
54) Dibenzofuran	15.19	168	1954538	44.35	nq	95
55) 4-Nitrophenol	15.01	139	716956	84.63	nq	# 74
56) 2,4-Dinitrotoluene	15.15	165	604870	44.30	nq	# 89
57) Fluorene	15.84	166	1647393	42.34	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.41	232	499607	52.14	nq	95
59) Diethylphthalate	15.59	149	1757039	41.43	nq	96
60) 4-Chlorophenyl-phenylether	15.82	204	849170	40.31	nq	98
61) 4-Nitroaniline	15.87	138	477526	46.63	nq	# 61
62) Azobenzene	16.12	77	1890478	42.99	nq	90
64) 4,6-Dinitro-2-methylphenol	15.92	198	371513	42.07	nq	94
65) n-Nitrosodiphenylamine	16.04	169	1549196	42.21	nq	93
66) 4-Bromophenyl-phenylether	16.72	248	608083	43.74	nq	97
67) Hexachlorobenzene	16.84	284	640453	45.82	nq	96
68) Atrazine	16.99	200	638427	45.35	nq	95
69) Pentachlorophenol	17.20	266	749225	86.86	nq	98
70) Phenanthrene	17.68	178	2623107	43.62	nq	93
71) Anthracene	17.68	178	2623107	43.17	nq	93
72) Carbazole	17.95	167	2471277	44.41	nq	95
73) Di-n-butylphthalate	18.49	149	2675363	43.09	nq	# 95
74) Fluoranthene	19.60	202	2791714	40.68	nq	90
76) Benzidine	19.78	184	1882429	59.07	nq	97
77) Pyrene	19.96	202	2759828	42.92	nq	93
79) Butylbenzylphthalate	20.84	149	1144284	40.45	nq	96
80) Benzo(a)anthracene	21.84	228	2394244	40.36	nq	98
81) 3,3'-Dichlorobenzidine	21.75	252	845885	35.17	nq	# 98
82) Chrysene	21.91	228	2265742	39.53	nq	96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1522393	38.46	nq	98
84) Di-n-octyl phthalate	22.98	149	2534777	39.15	nq	99
85) Indeno(1,2,3-cd)pyrene	29.10	276	2974499	44.49	nq	# 100
87) Benzo(b)fluoranthene	24.16	252	2537075	42.37	nq	# 97
88) Benzo(k)fluoranthene	24.23	252	2390242	39.93	nq	# 96
89) Benzo(a)pyrene	25.08	252	2441007	41.60	nq	# 97
90) Dibenzo(a,h)anthracene	29.18	278	2450783	44.16	nq	# 91
91) Benzo(g,h,i)perylene	30.33	276	2450584	41.94	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

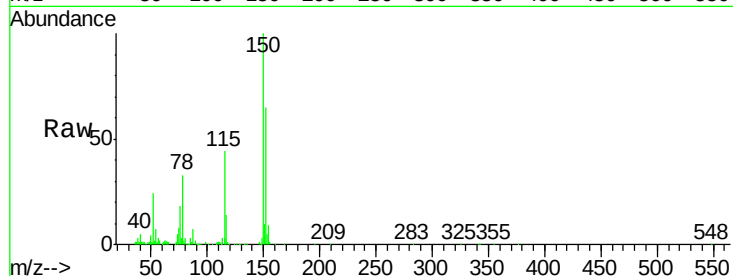
Tot Ion:152 Resp: 147242

Ion Ratio Lower Upper

152 100

150 153.2 144.7 217.1

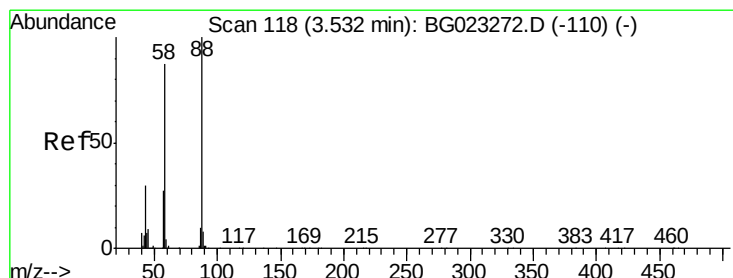
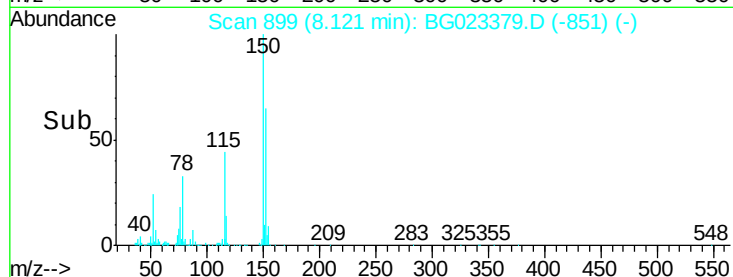
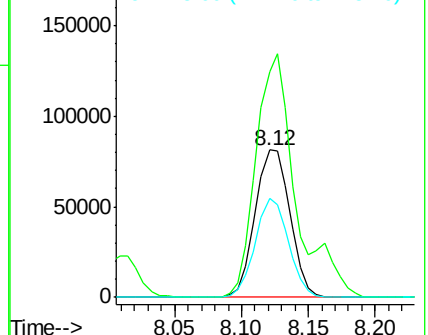
115 67.6 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.20 ng

RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

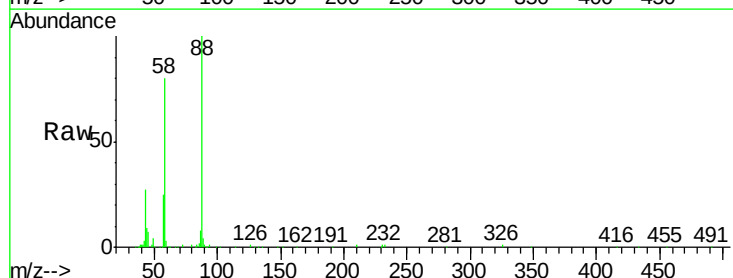
Tgt Ion: 88 Resp: 100607

Ion Ratio Lower Upper

88 100

58 78.1 60.4 90.6

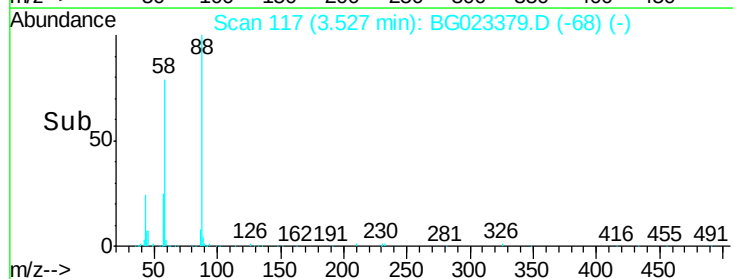
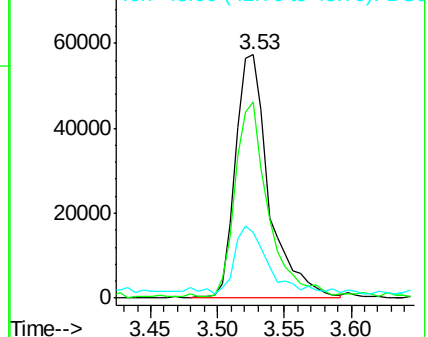
43 27.9 31.1 46.7#

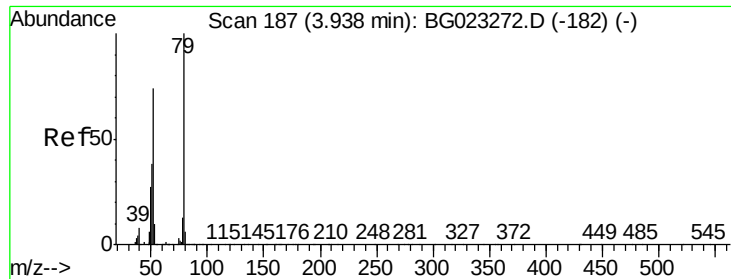


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.90 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

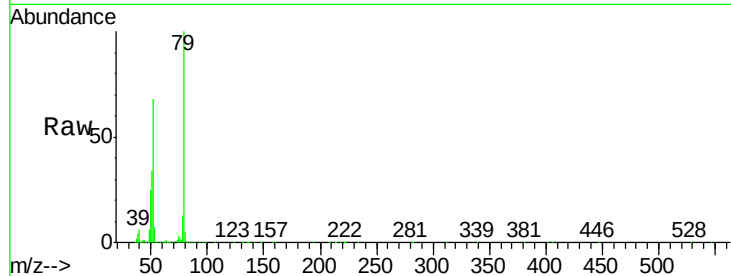
Tot Ion: 79 Resp: 348318

Ion Ratio Lower Upper

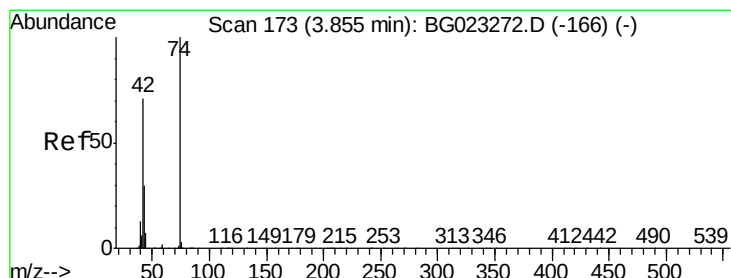
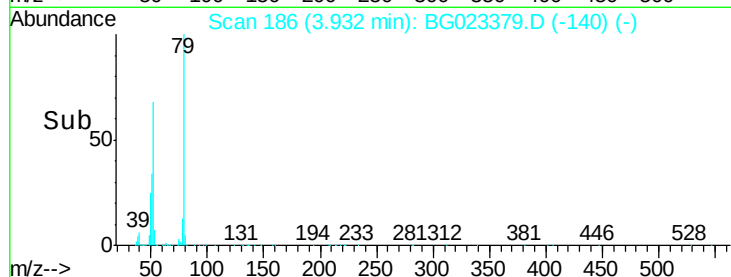
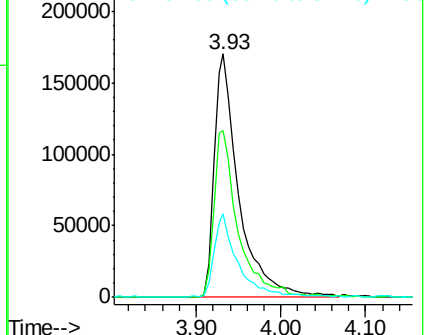
79 100

52 68.5 51.8 77.8

51 34.3 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: 27.42 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

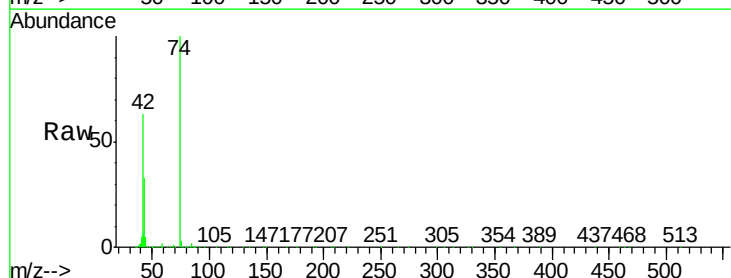
Tgt Ion: 42 Resp: 160412

Ion Ratio Lower Upper

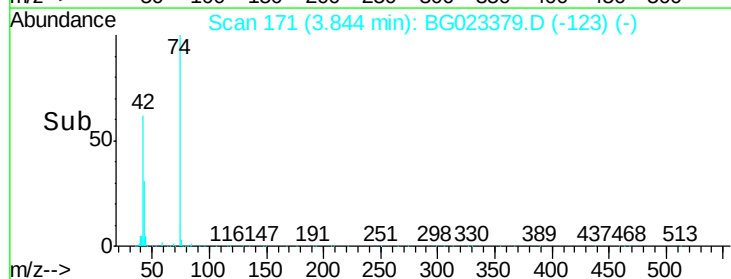
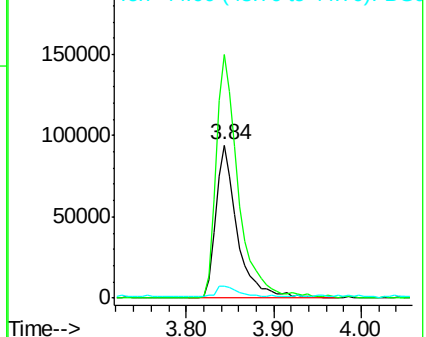
42 100

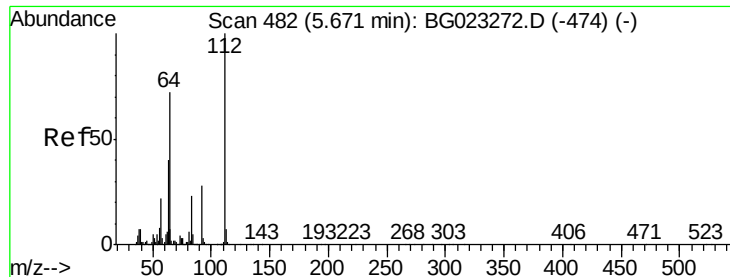
74 158.9 100.6 150.8#

44 8.2 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: 131.59 ng

RT: 5.67 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

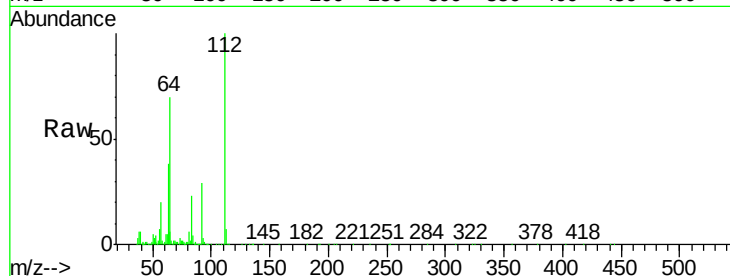
Tot Ion:112 Resp: 1134947

Ion Ratio Lower Upper

112 100

64 70.1 59.0 88.4

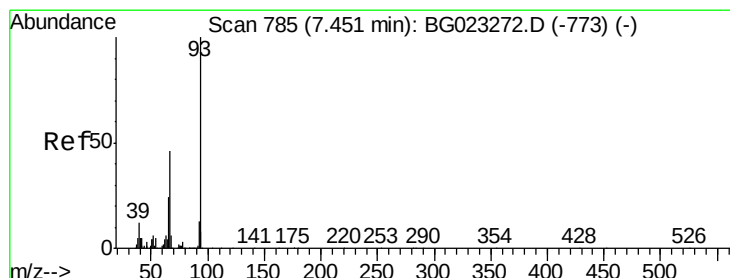
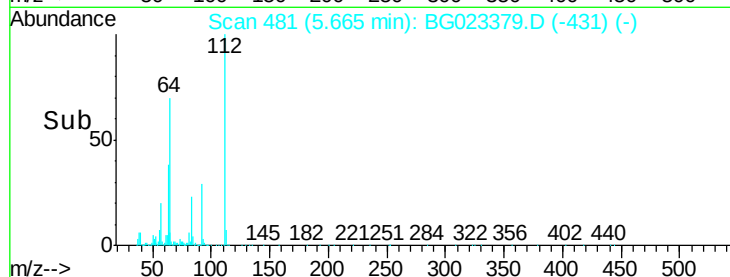
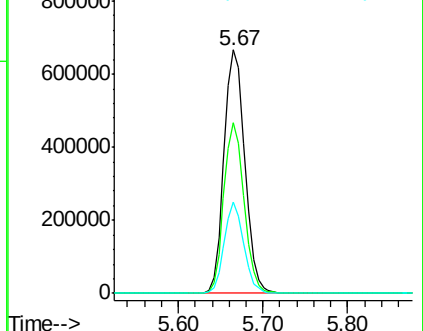
63 37.5 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.11 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

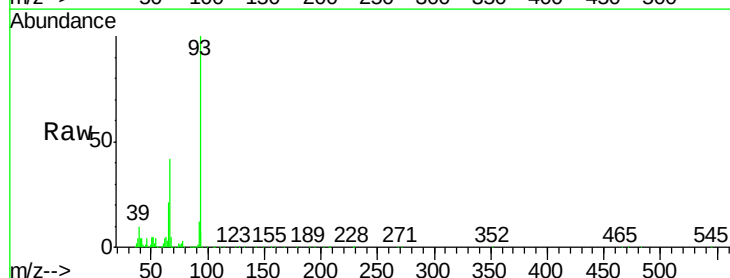
Tgt Ion: 93 Resp: 762508

Ion Ratio Lower Upper

93 100

66 41.7 37.5 56.3

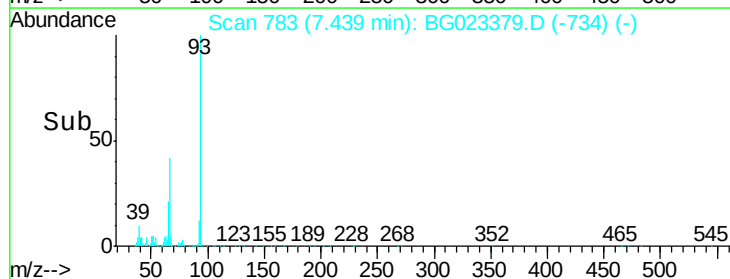
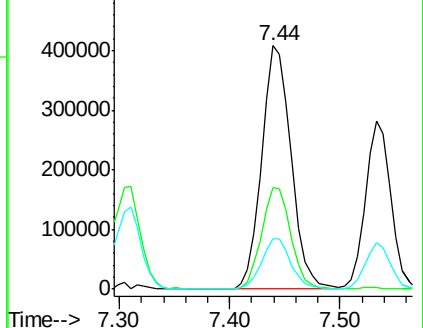
65 20.9 17.9 26.9

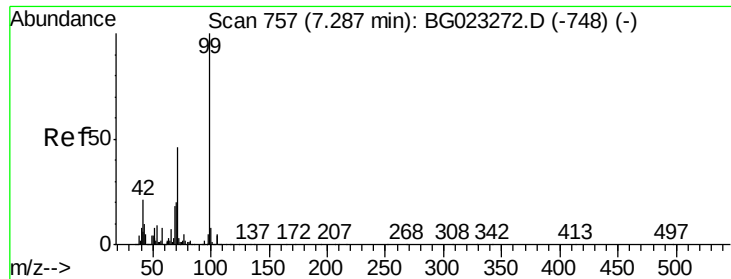


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.81 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

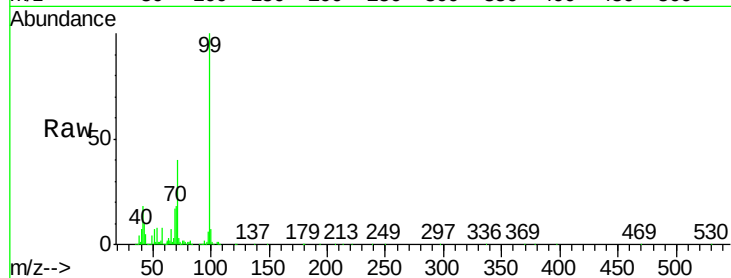
Instrument :

BNA_G

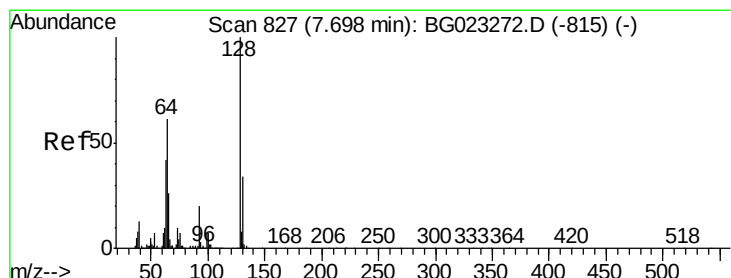
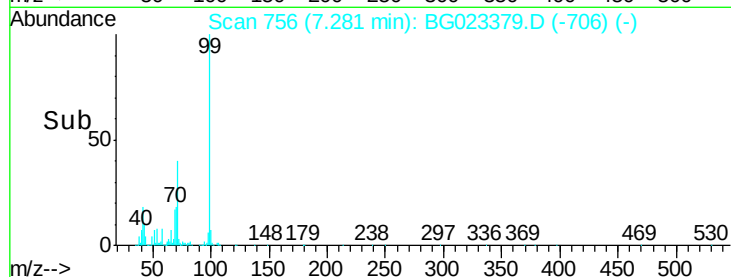
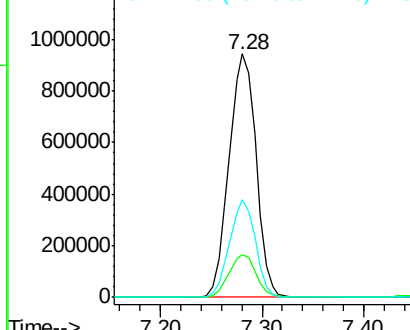
ClientSampleId :

Tot Ion: 99 Resp: 1745446

Ion	Ratio	Lower	Upper
99	100		
42	17.6	17.8	26.6#
71	40.1	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: 46.70 ng

RT: 7.69 min Scan# 825

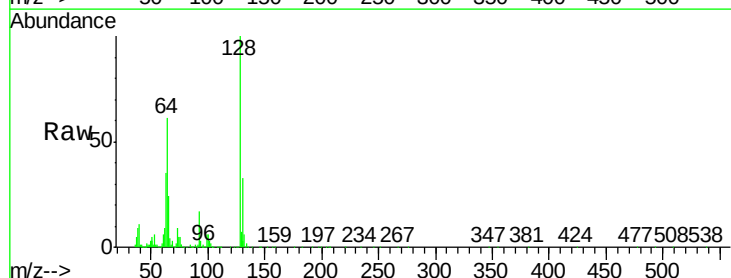
Delta R.T. -0.01 min

Lab File: BG023379.D

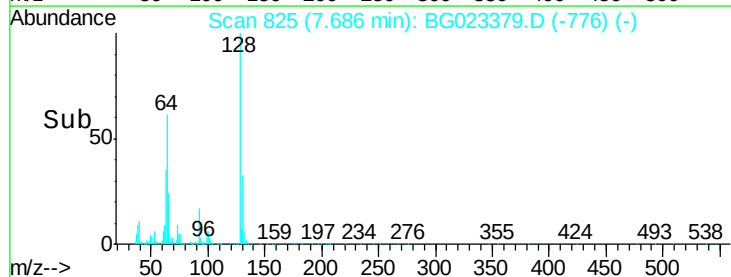
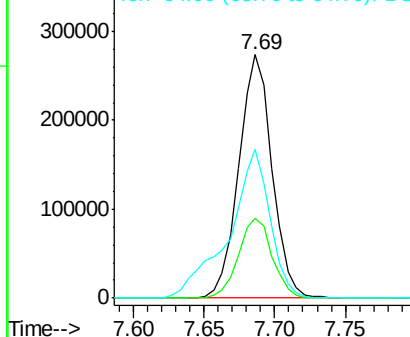
Acq: 31 Jul 2016 22:20

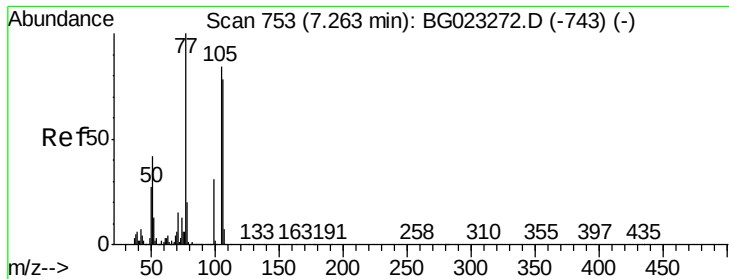
Tgt Ion: 128 Resp: 449428

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	61.1	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: 32.08 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

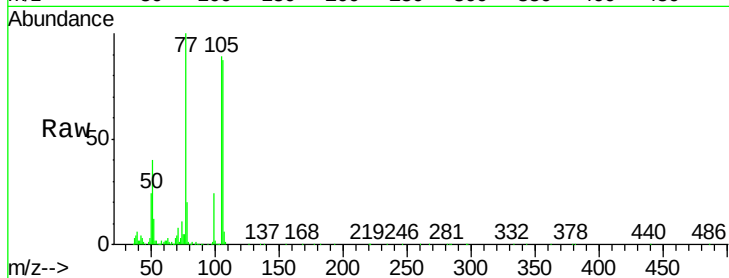
Tot Ion: 77 Resp: 305157

Ion Ratio Lower Upper

77 100

105 89.2 58.7 98.7

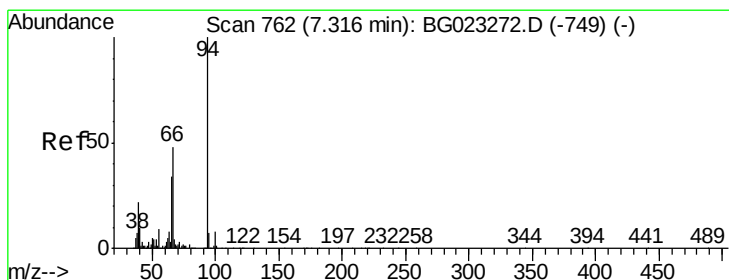
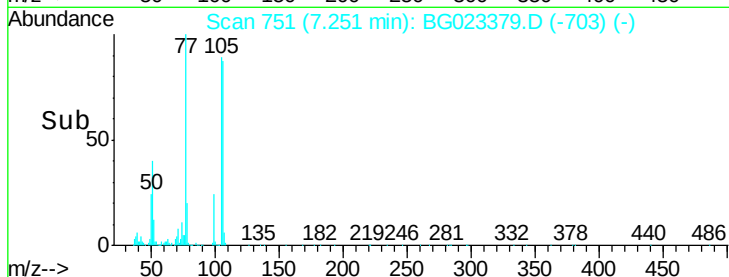
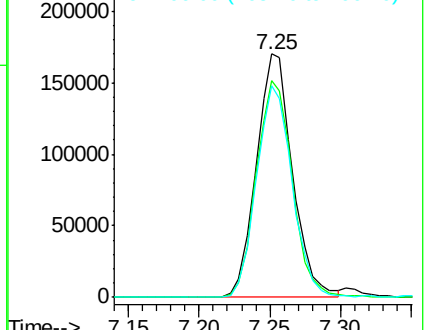
106 86.9 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.48 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

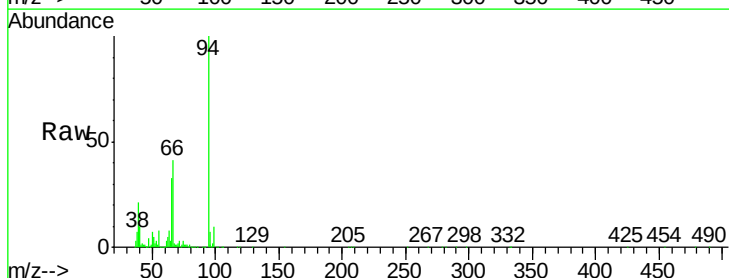
Tgt Ion: 94 Resp: 705363

Ion Ratio Lower Upper

94 100

65 33.0 18.1 58.1

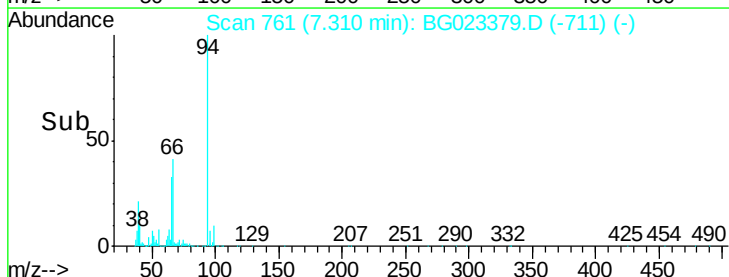
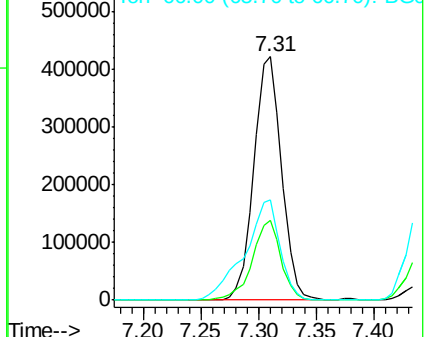
66 41.0 42.1 82.1#

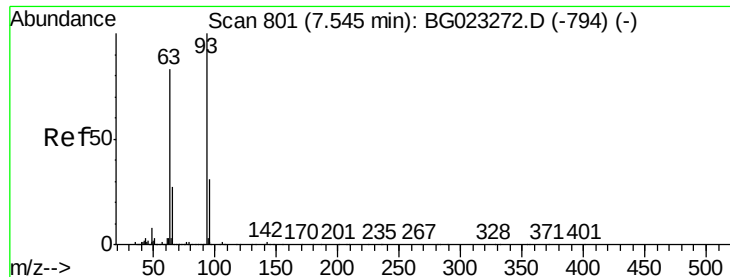


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

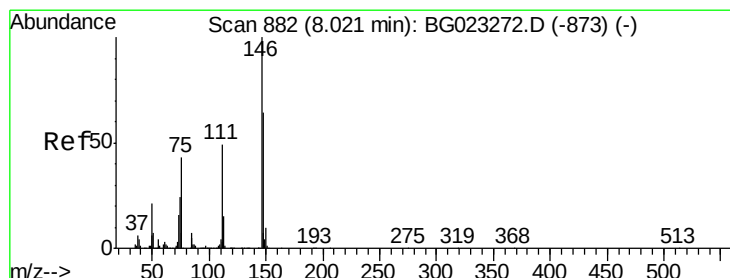
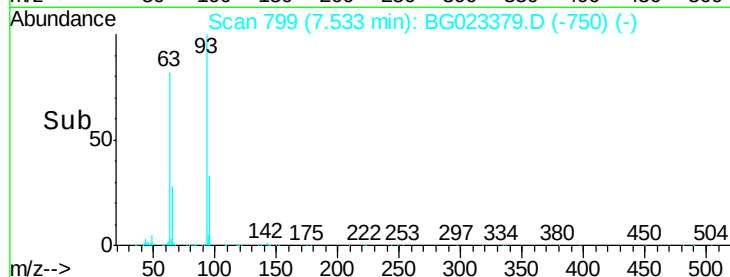
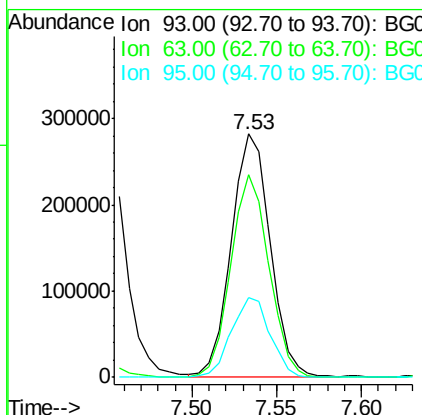
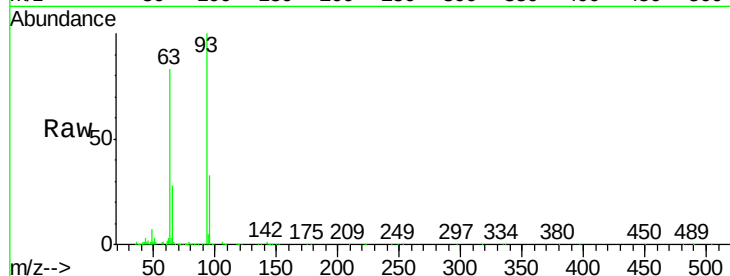




#11
bis(2-Chloroethyl)ether
Concen: 37.95 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

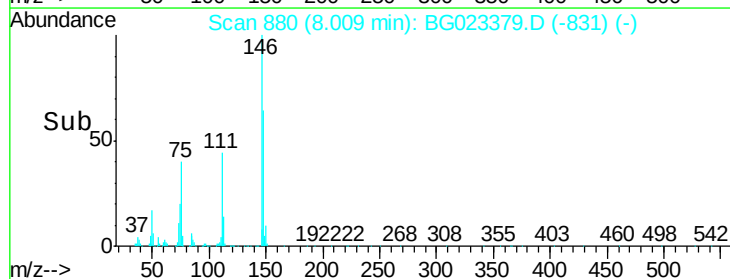
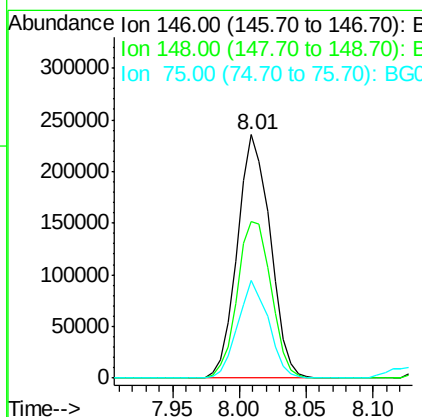
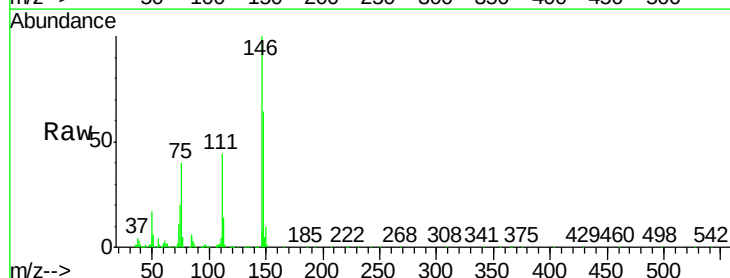
Instrument :
BNA_G
ClientSampleId :

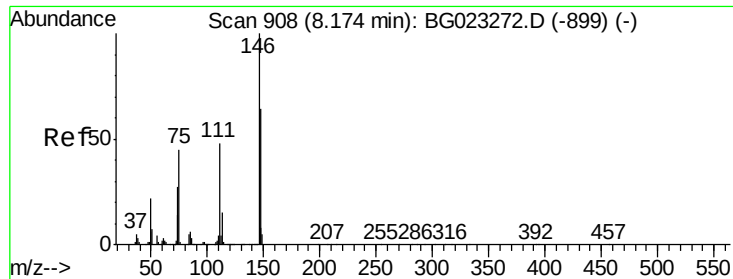
Tot Ion	93	Resp	450648
Ion Ratio	Lower	Upper	
93	100		
63	83.3	55.0	95.0
95	32.6	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 37.10 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	146	Resp	402322
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.3	75.5
75	39.9	37.0	55.6

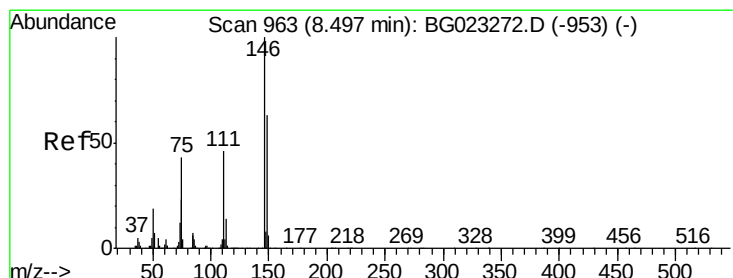
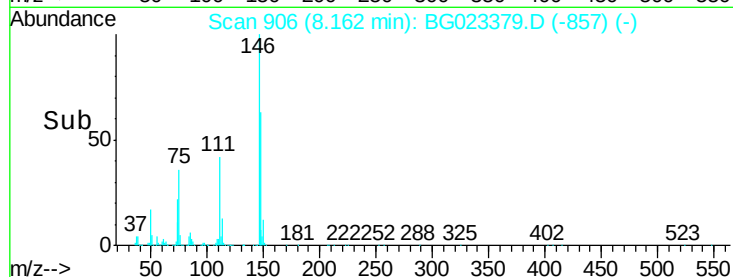
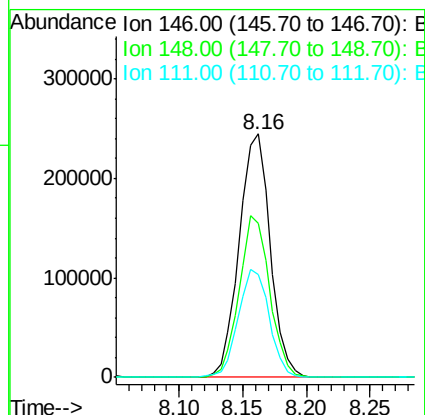
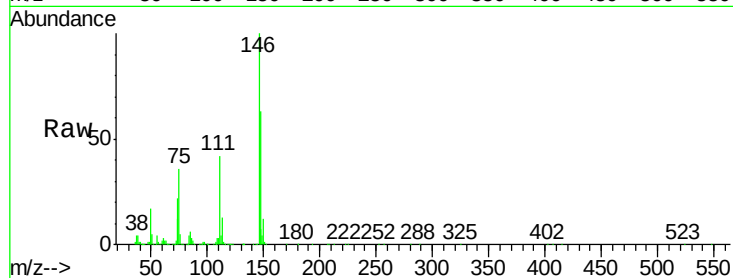




#13
 1,4-Dichlorobenzene
 Concen: 37.60 ng
 RT: 8.16 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

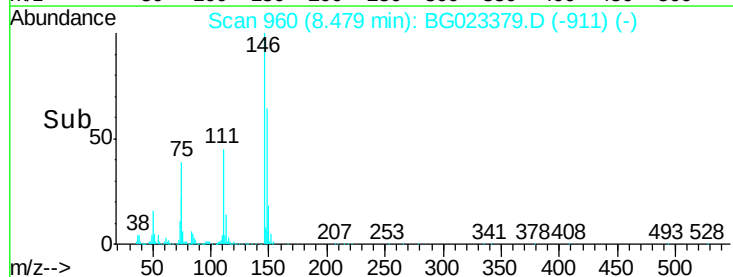
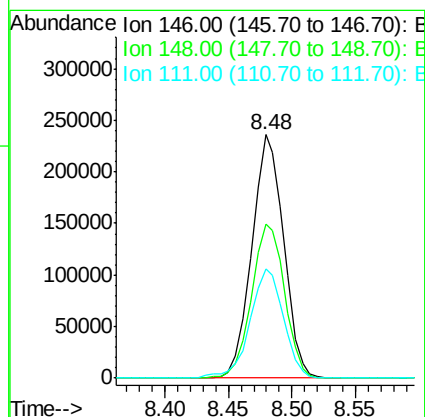
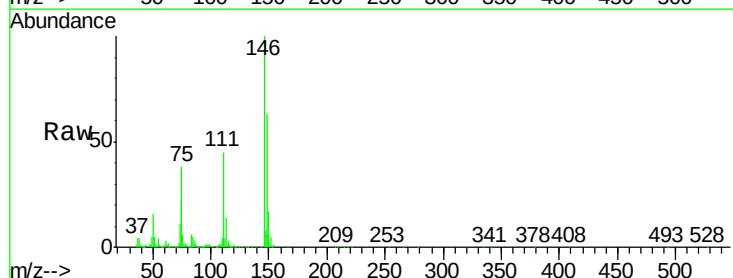
Instrument :
 BNA_G
 ClientSampleId :

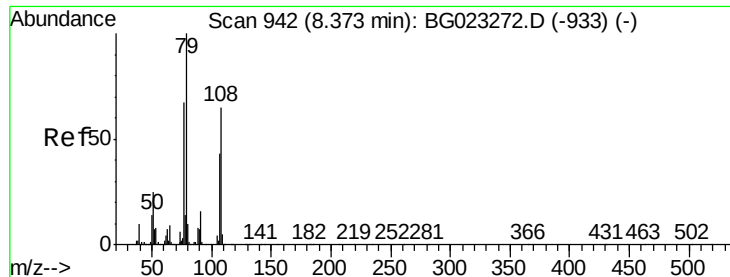
Tot Ion:146 Resp: 415941
 Ion Ratio Lower Upper
 146 100
 148 63.4 54.5 81.7
 111 42.1 37.8 56.8



#14
 1,2-Dichlorobenzene
 Concen: 38.52 ng
 RT: 8.48 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion:146 Resp: 411054
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.9 79.3
 111 45.0 43.5 65.3





#15

Benzyl Alcohol

Concen: 56.92 ng

RT: 8.36 min Scan# 940

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

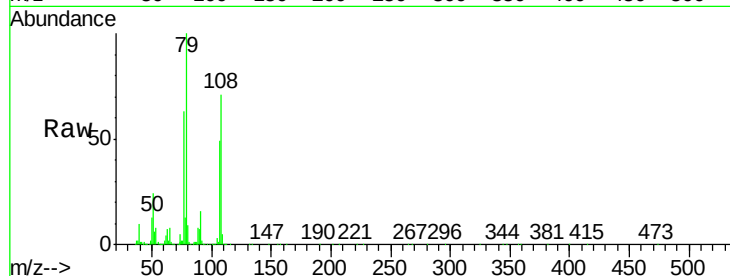
Tot Ion: 79 Resp: 507218

Ion Ratio Lower Upper

79 100

108 70.6 46.5 69.7#

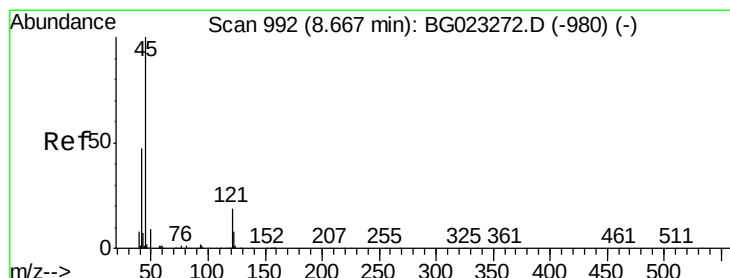
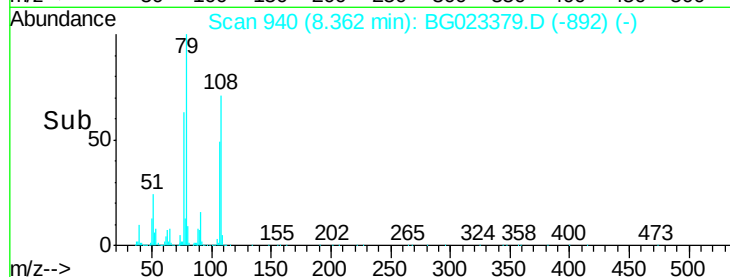
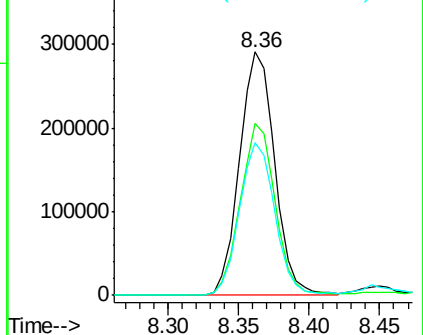
77 62.6 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.47 ng

RT: 8.66 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

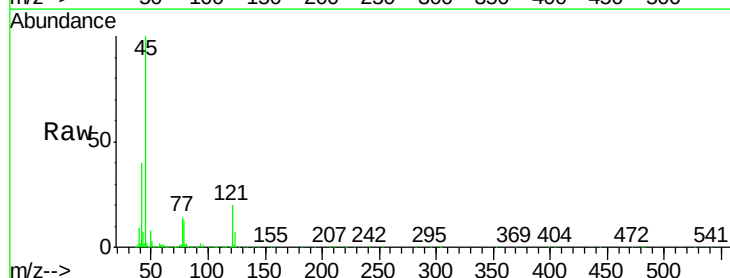
Tgt Ion: 45 Resp: 651354

Ion Ratio Lower Upper

45 100

77 14.0 0.6 40.6

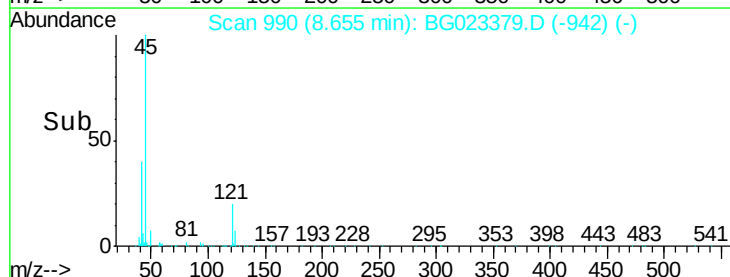
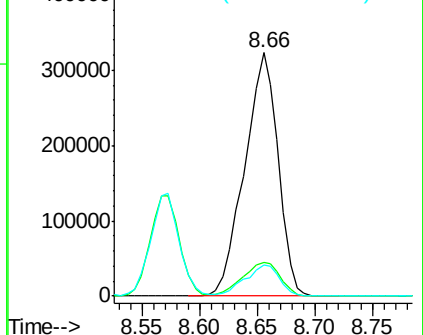
79 12.8 0.0 36.2

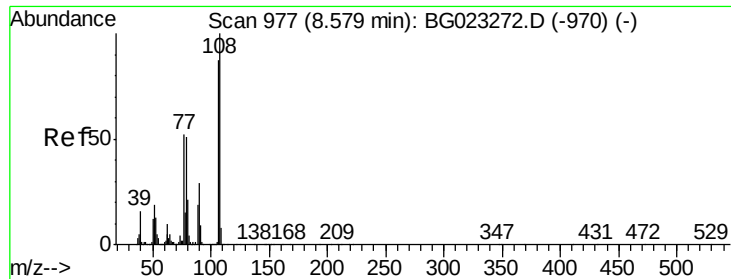


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.81 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 466104

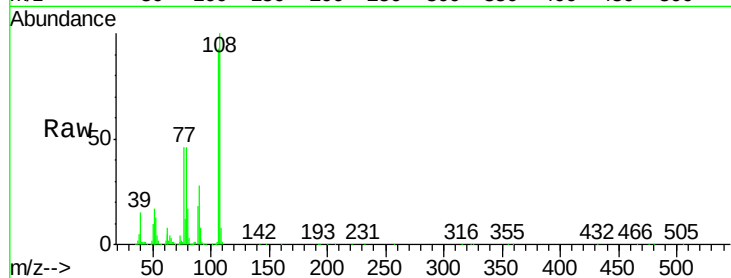
Ion Ratio Lower Upper

107 100

108 107.2 92.0 138.0

77 49.3 55.8 83.6#

79 49.3 55.0 82.6#

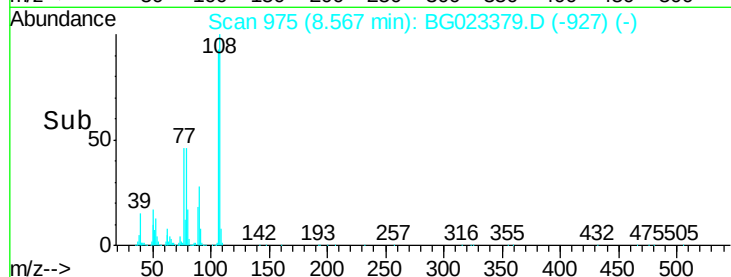


Abundance Ion 107.00 (106.70 to 107.70): E

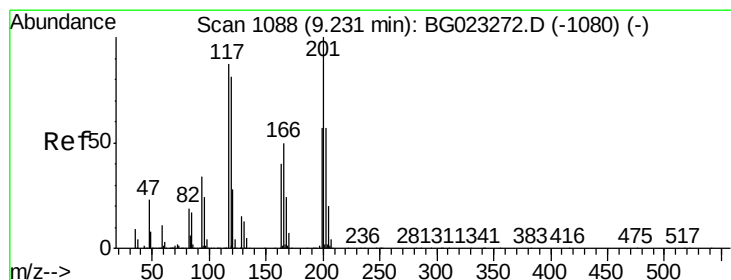
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 34.79 ng

RT: 9.21 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

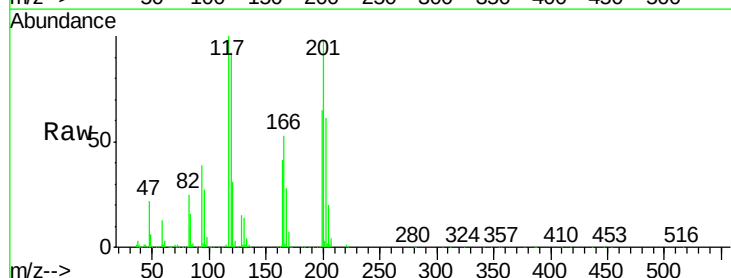
Tgt Ion:117 Resp: 160351

Ion Ratio Lower Upper

117 100

119 92.0 73.7 110.5

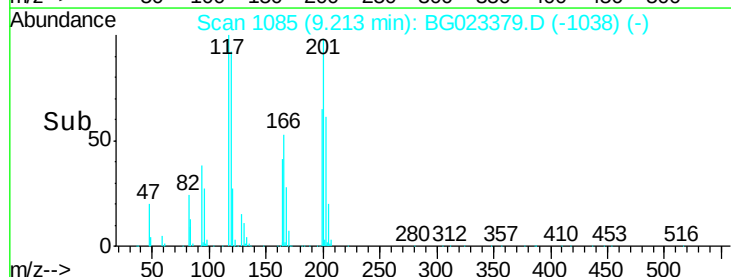
201 98.0 88.7 133.1



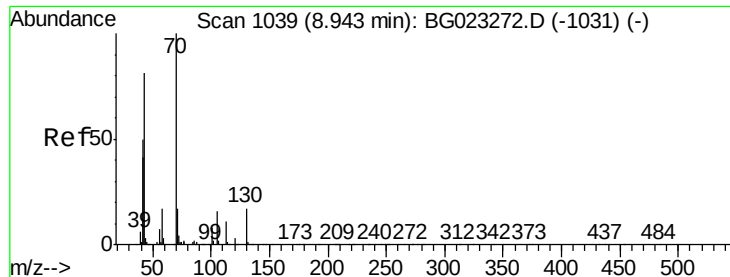
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



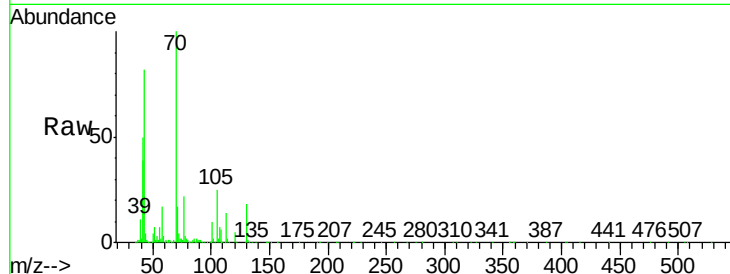
Time-->



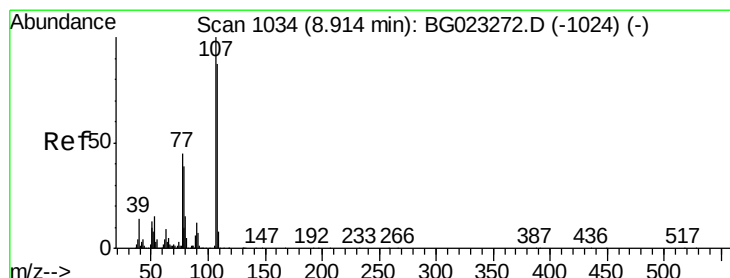
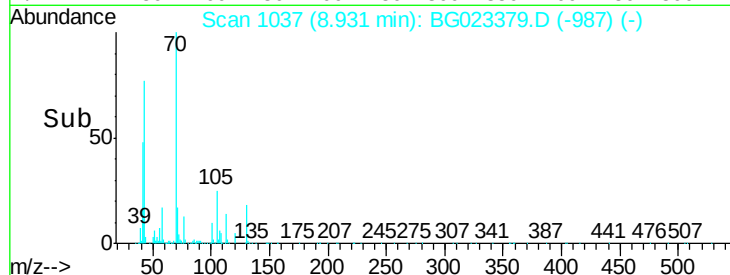
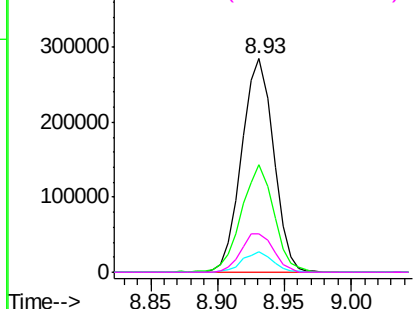
#19
n-Nitroso-di-n-propylamine
Concen: 39.58 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	471402
Ion	Ratio	Lower	Upper
70	100		
42	50.5	42.1	63.1
101	9.7	7.2	10.8
130	18.2	14.2	21.2

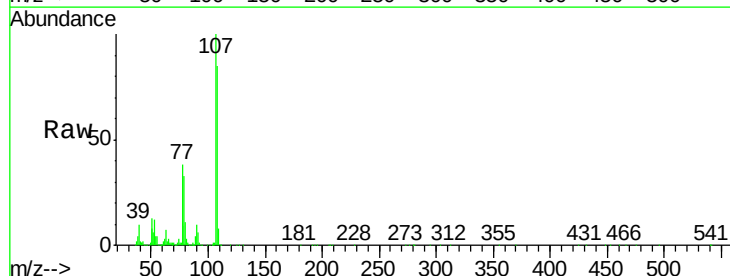


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

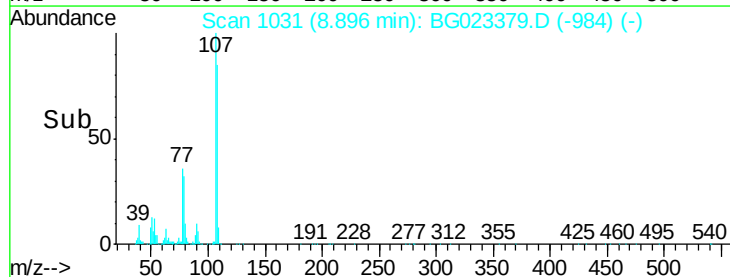
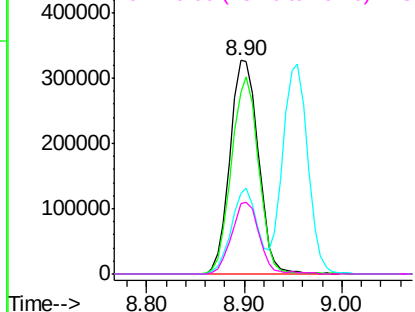


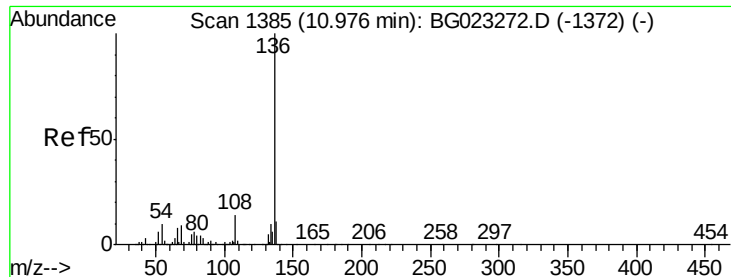
#20
3+4-Methylphenols
Concen: 50.83 ng
RT: 8.90 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion:	107	Resp:	660002
Ion	Ratio	Lower	Upper
107	100		
108	85.3	72.5	112.5
77	37.7	30.1	70.1
79	32.7	24.2	64.2



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

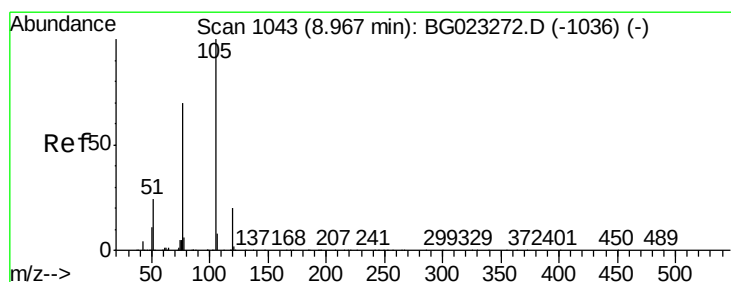
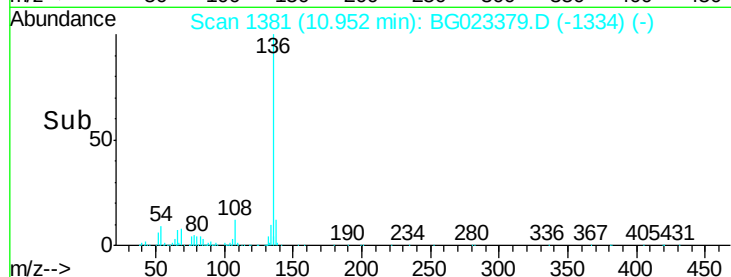
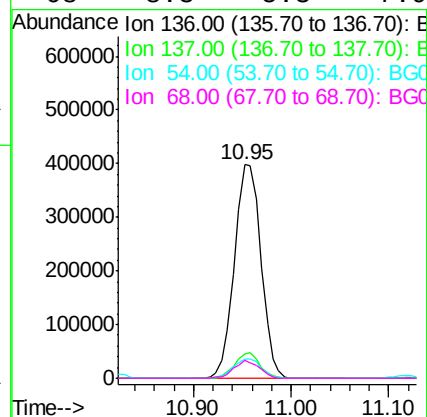
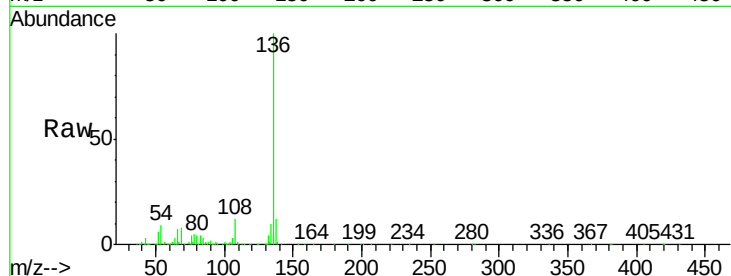




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

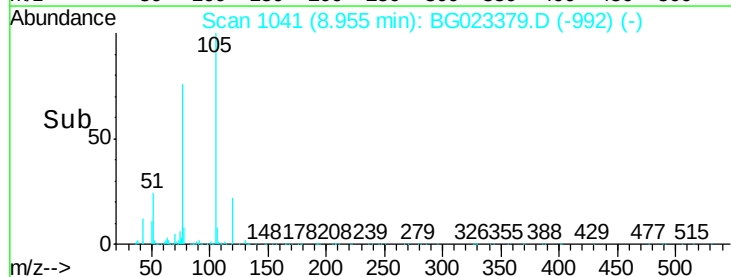
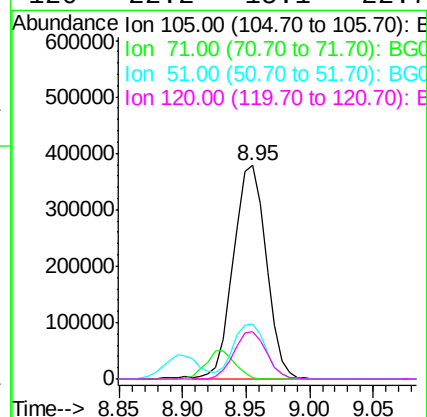
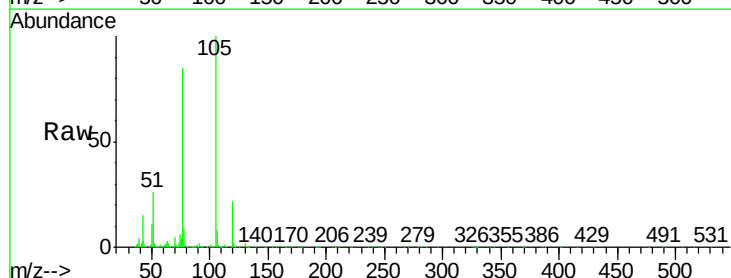
Instrument :
BNA_G
ClientSampleId :

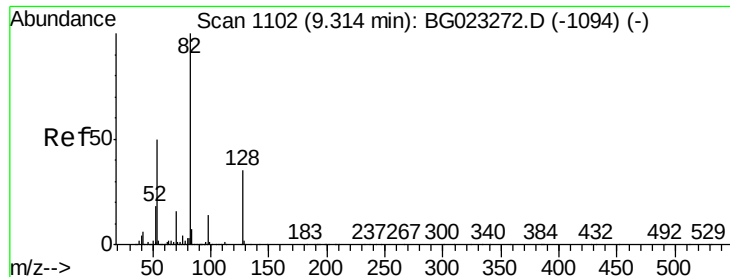
Tot Ion:136	Resp:	751491
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.6 14.4
54	9.2	7.3 10.9
68	8.3	5.3 7.9#



#22
Acetophenone
Concen: 34.64 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion:105	Resp:	679644
Ion Ratio	Lower	Upper
105	100	
71	0.7	2.6 3.8#
51	25.7	27.1 40.7#
120	22.2	15.1 22.7

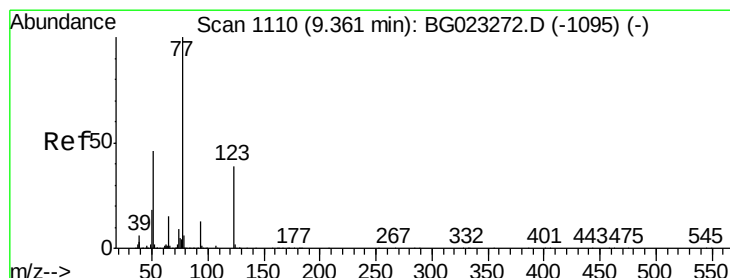
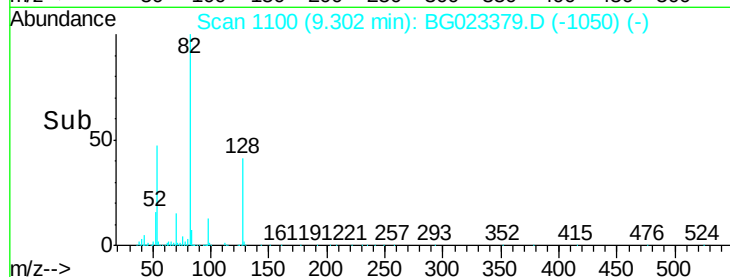
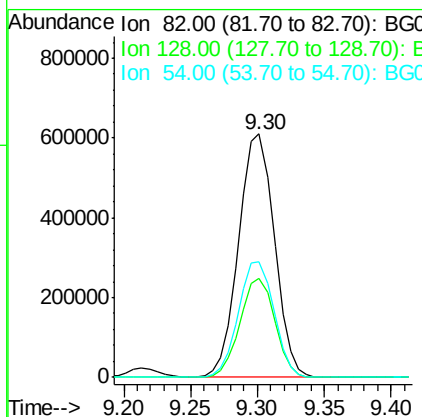
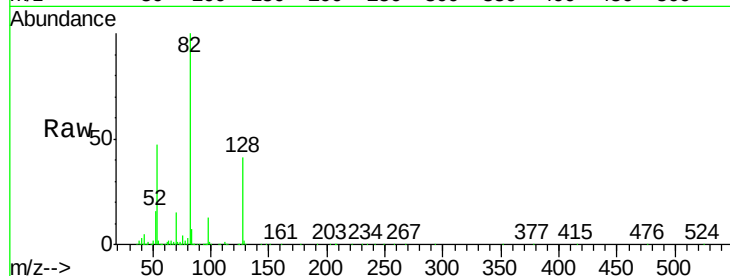




#23
 Nitrobenzene-d5
 Concen: 73.89 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

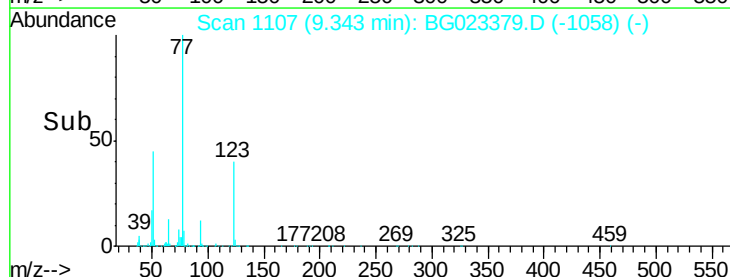
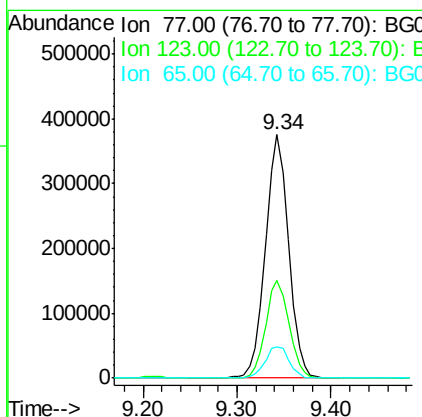
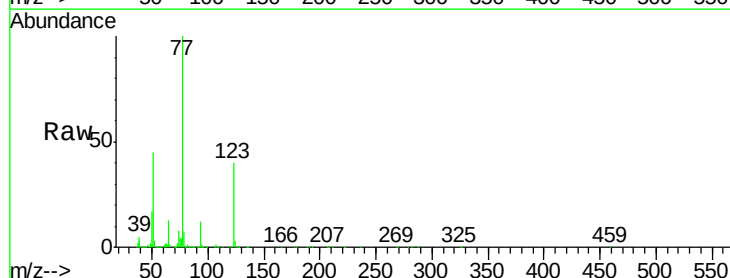
Instrument :
 BNA_G
 ClientSampleId :

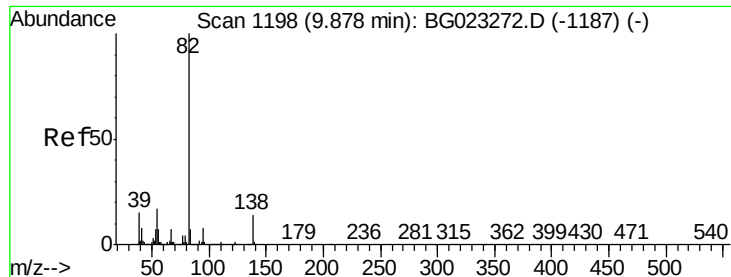
Tot Ion: 82 Resp: 113518
 Ion Ratio Lower Upper
 82 100
 128 40.6 24.4 36.6#
 54 47.4 41.4 62.0



#24
 Nitrobenzene
 Concen: 36.00 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion: 77 Resp: 642385
 Ion Ratio Lower Upper
 77 100
 123 40.3 25.0 37.6#
 65 12.9 13.4 20.0#





#25

Isophorone

Concen: 40.59 ng

RT: 9.87 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

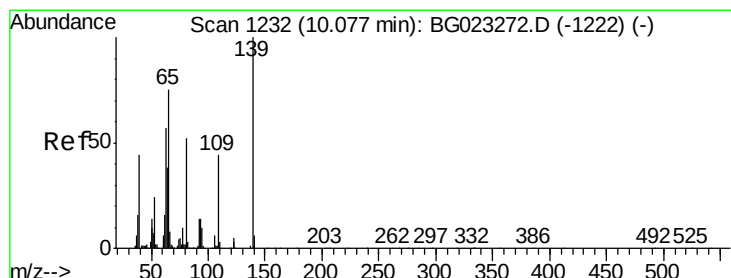
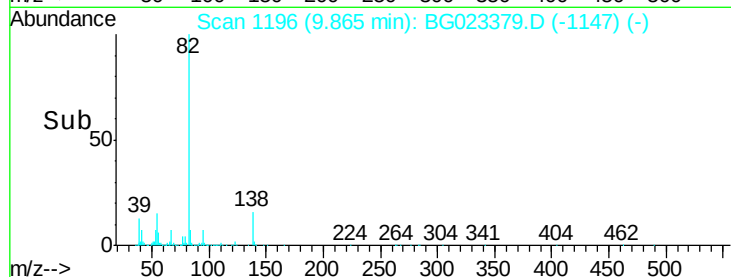
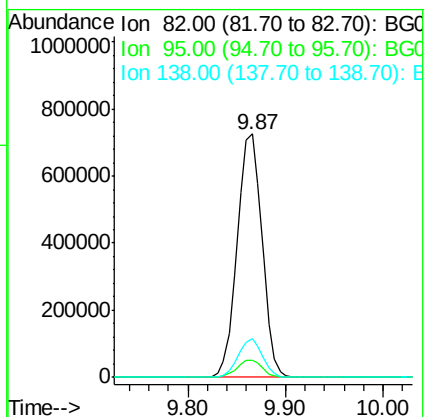
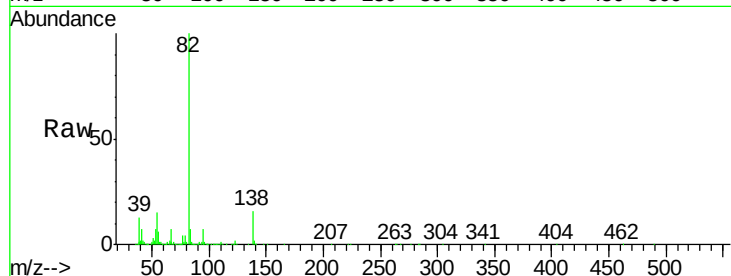
Tot Ion: 82 Resp: 1288194

Ion Ratio Lower Upper

82 100

95 7.0 8.2 12.2#

138 15.9 10.7 16.1



#26

2-Nitrophenol

Concen: 42.91 ng

RT: 10.06 min Scan# 1229

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

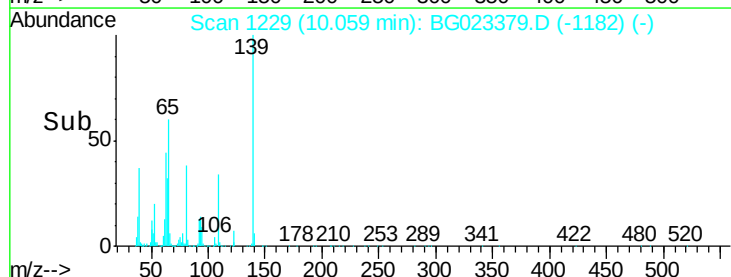
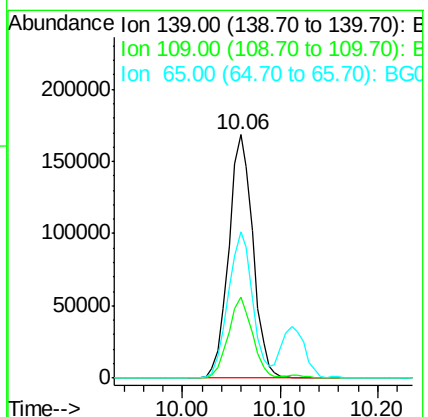
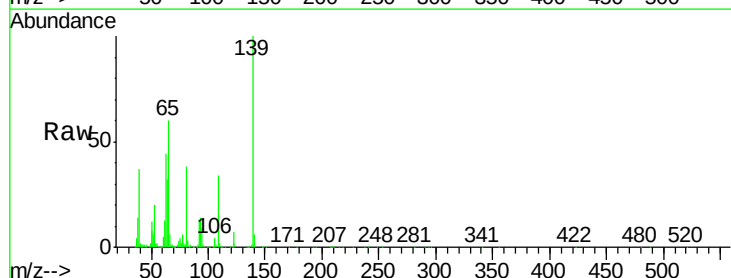
Tgt Ion: 139 Resp: 289227

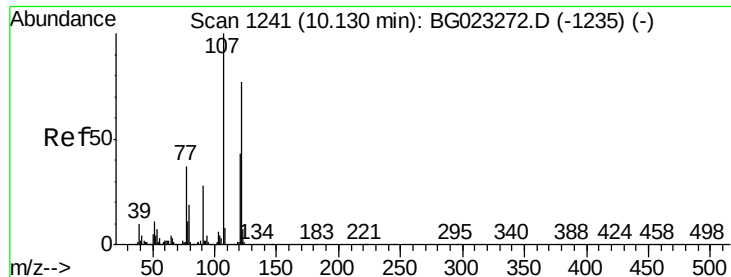
Ion Ratio Lower Upper

139 100

109 33.5 43.5 65.3#

65 60.4 64.3 96.5#

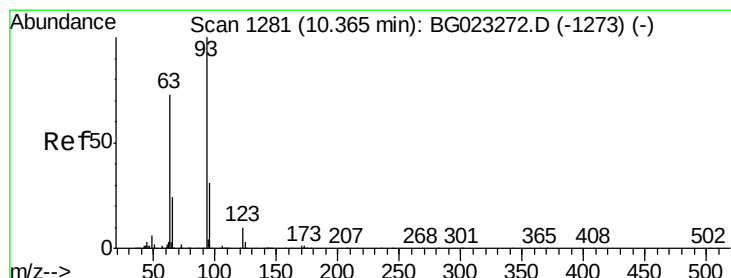
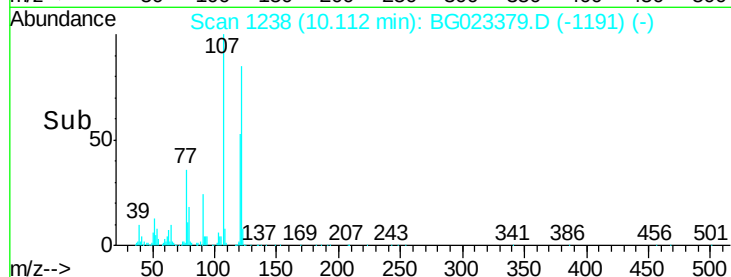
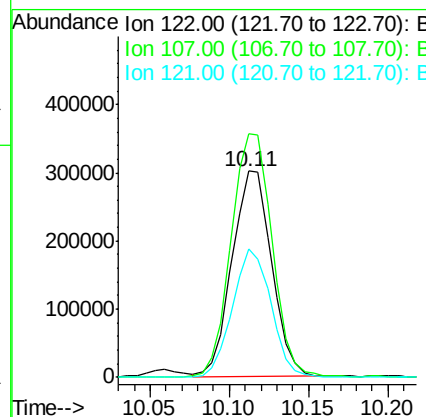
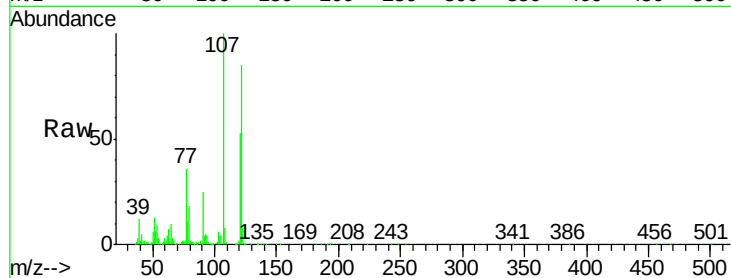




#27
 2,4-Dimethylphenol
 Concen: 45.91 ng
 RT: 10.11 min Scan# 1238
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

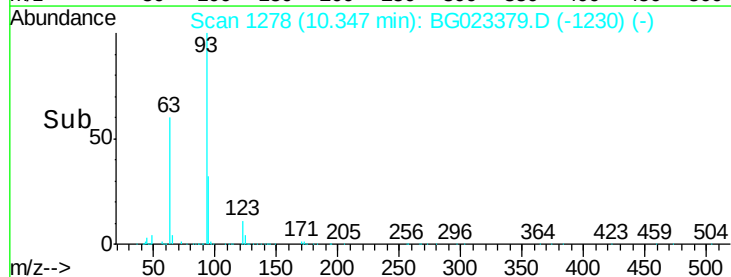
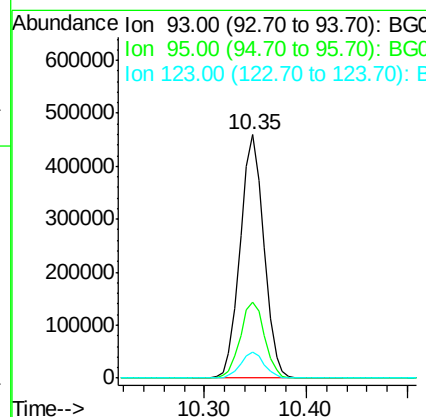
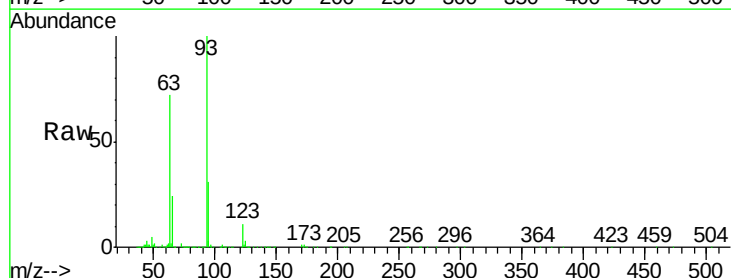
Instrument :
 BNA_G
 ClientSampleId :

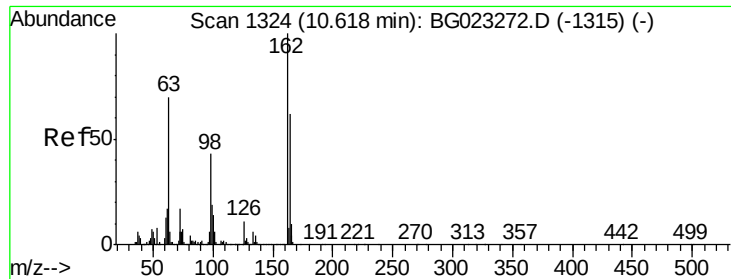
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	117.0	175.4
121	62.6	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.81 ng
 RT: 10.35 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.4	38.2
123	10.9	8.2	12.2

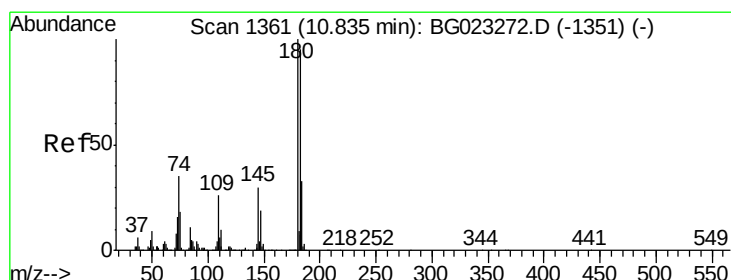
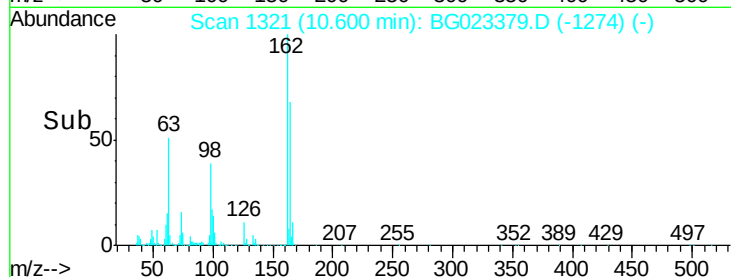
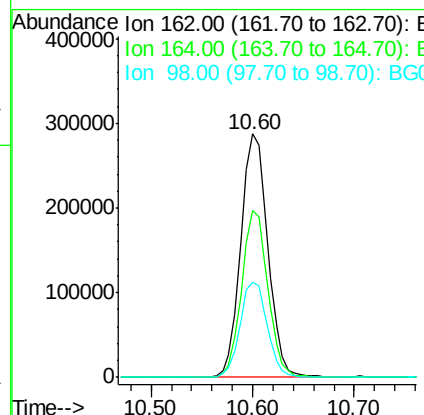
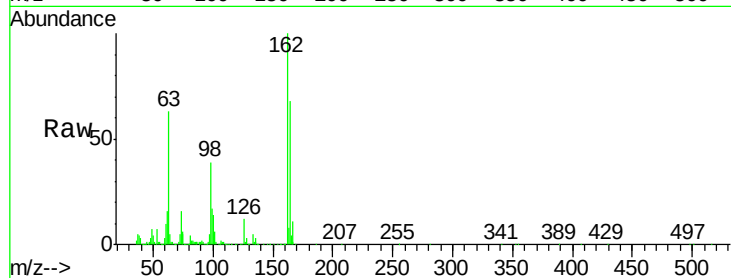




#29
 2,4-Dichlorophenol
 Concen: 48.44 ng
 RT: 10.60 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

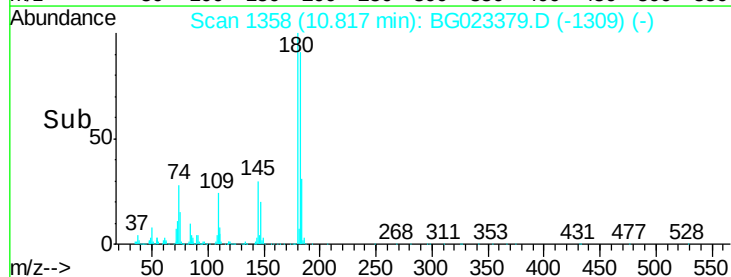
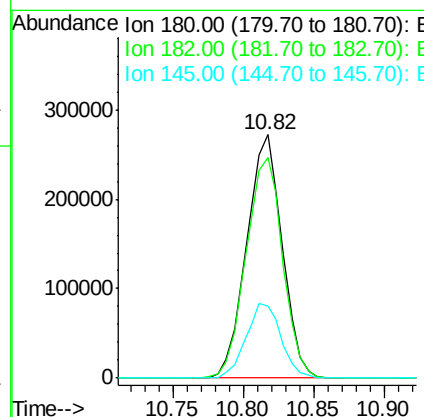
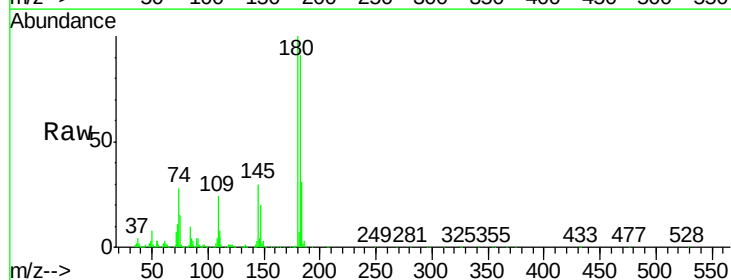
Instrument :
 BNA_G
 ClientSampleId :

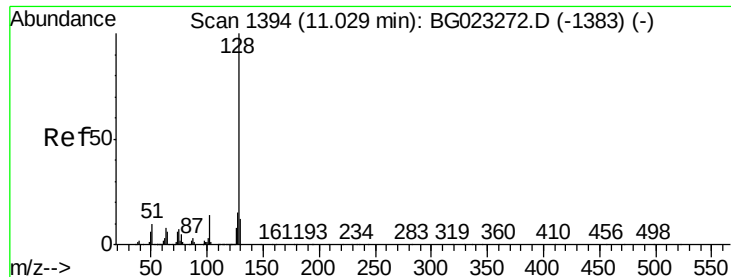
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.3	44.3	84.3
98	39.3	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.33 ng
 RT: 10.82 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.9	73.8	110.8
145	29.5	24.4	36.6

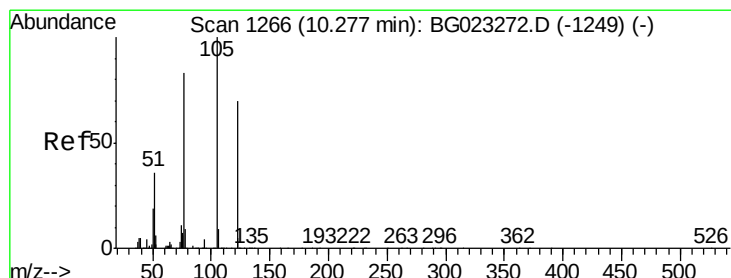
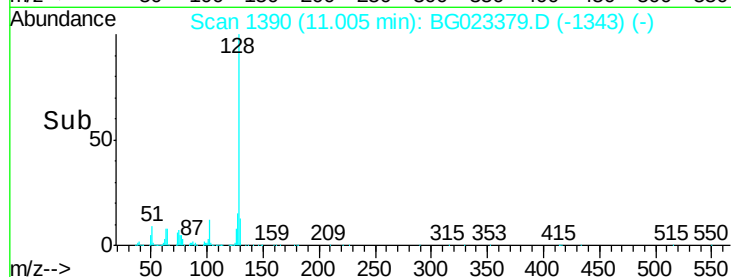
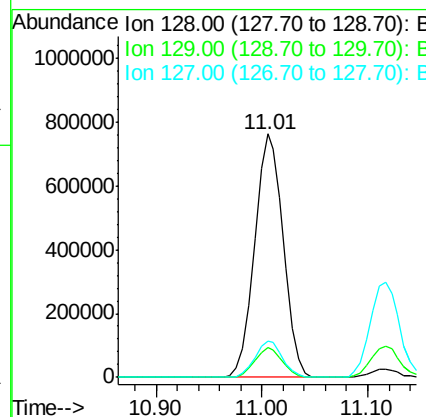
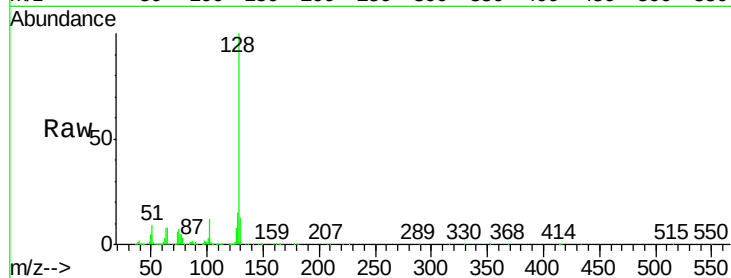




#31
Naphthalene
Concen: 41.02 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

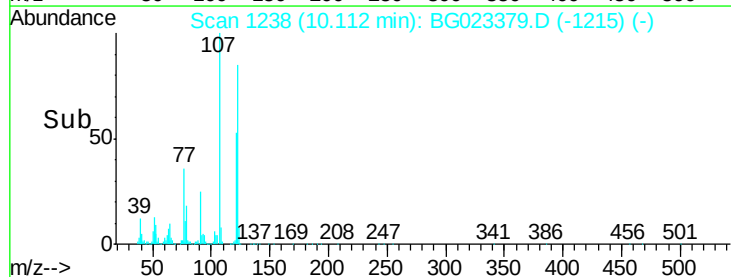
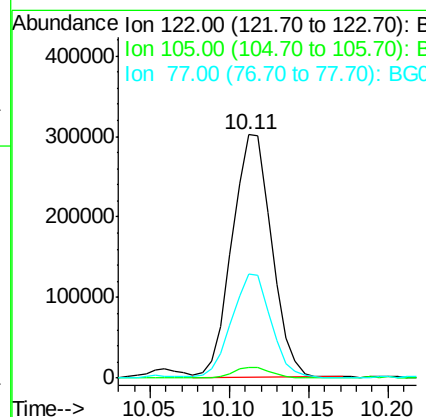
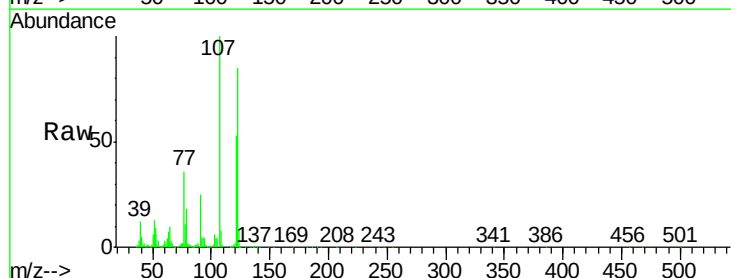
Instrument :
BNA_G
ClientSampleId :

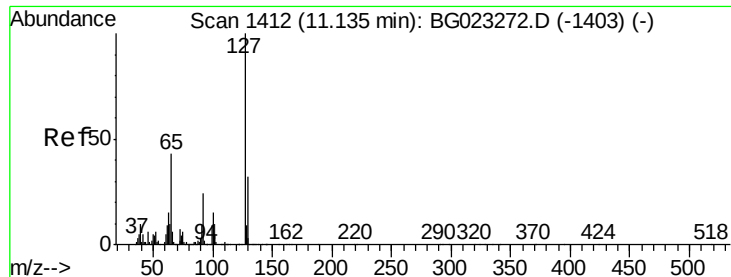
Tot Ion:128 Resp: 1432447
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 15.0 11.3 16.9



#32
Benzoic acid
Concen: 54.97 ng
RT: 10.11 min Scan# 1238
Delta R.T. -0.16 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion:122 Resp: 521588
Ion Ratio Lower Upper
122 100
105 4.5 117.2 157.2#
77 42.6 109.2 149.2#

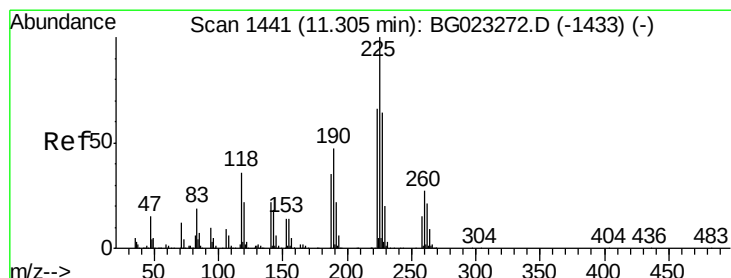
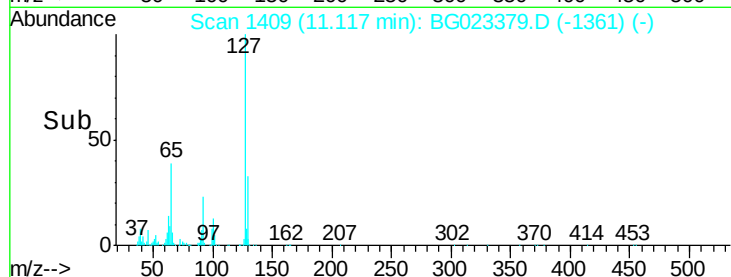
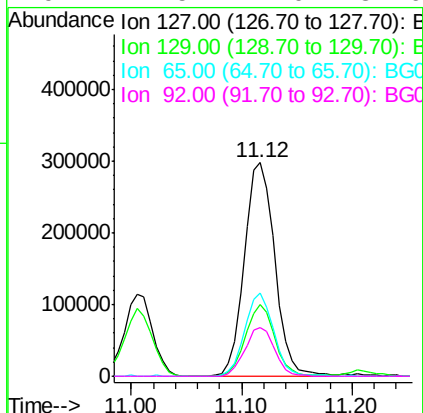
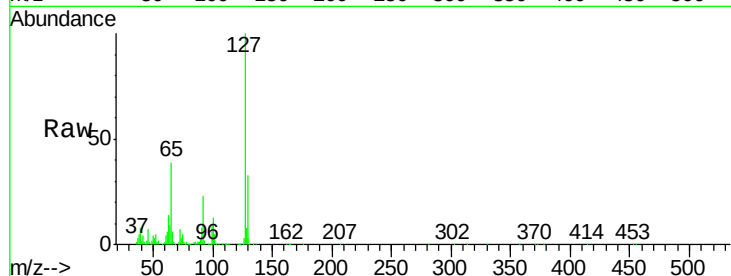




#33
 4-Chloroaniline
 Concen: 35.81 ng
 RT: 11.12 min Scan# 1409
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

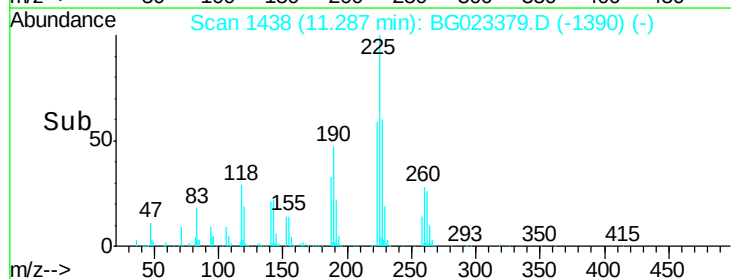
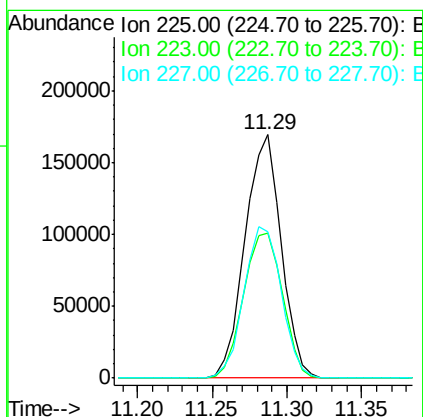
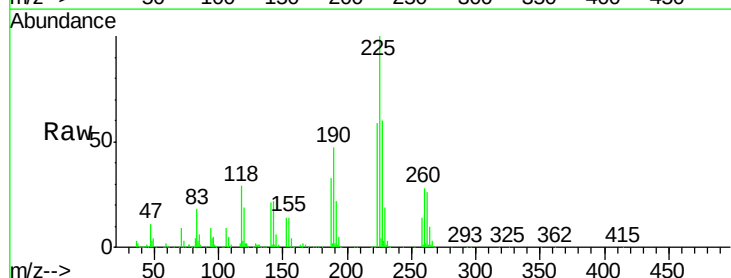
Instrument :
 BNA_G
 ClientSampleId :

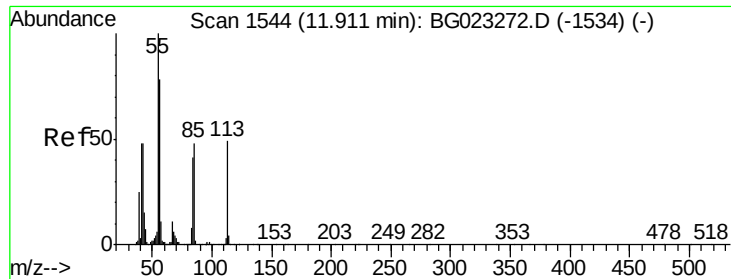
Tot Ion:	127	Resp:	577715
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.9	41.9
65	38.8	36.8	55.2
92	22.5	21.0	31.6



#34
 Hexachlorobutadiene
 Concen: 35.62 ng
 RT: 11.29 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion:	225	Resp:	283783
Ion	Ratio	Lower	Upper
225	100		
223	59.4	49.6	74.4
227	59.9	54.5	81.7

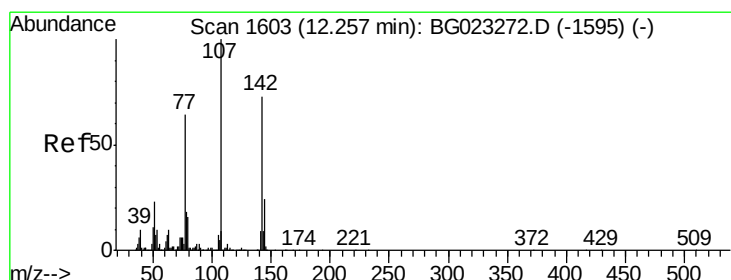
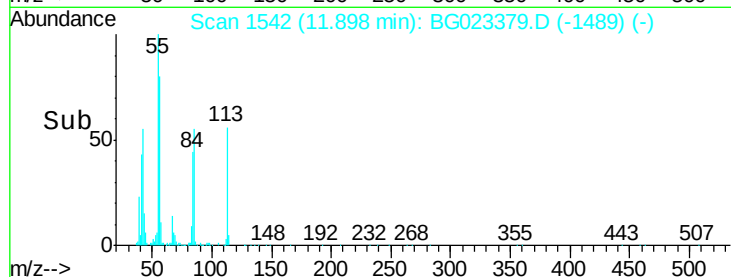
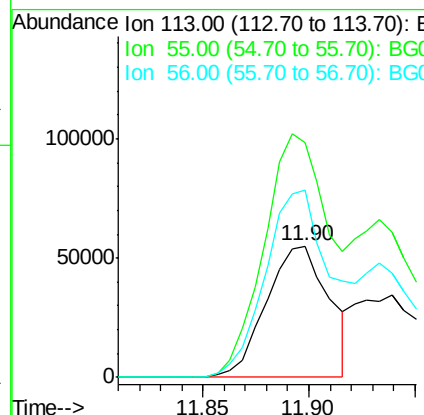
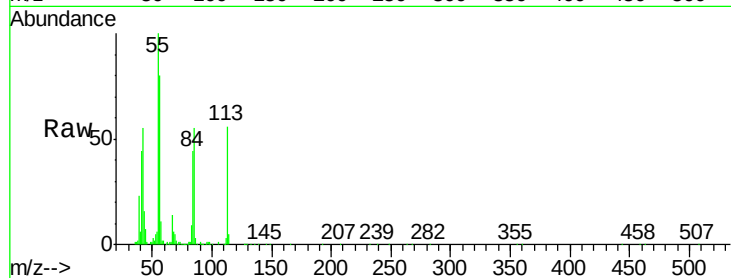




#35
 Caprolactam
 Concen: 24.35 ng
 RT: 11.90 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

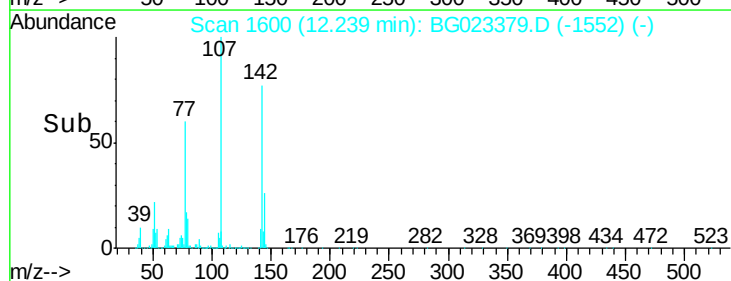
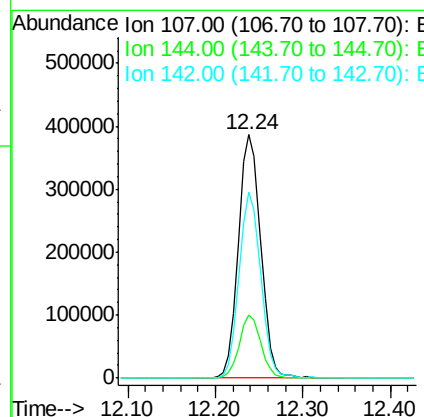
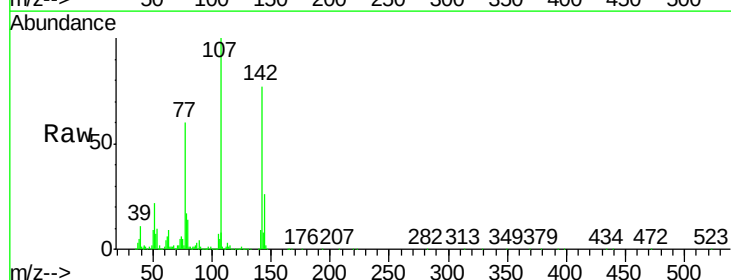
Instrument :
 BNA_G
 ClientSampled :

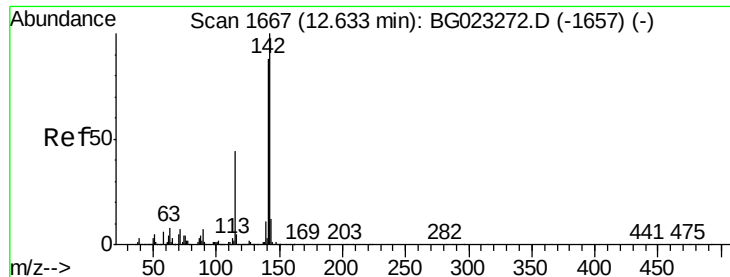
Tot Ion:113 Resp: 113899
 Ion Ratio Lower Upper
 113 100
 55 178.6 154.5 194.5
 56 142.4 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 46.15 ng
 RT: 12.24 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion:107 Resp: 666882
 Ion Ratio Lower Upper
 107 100
 144 25.8 17.0 25.6#
 142 76.7 53.0 79.6

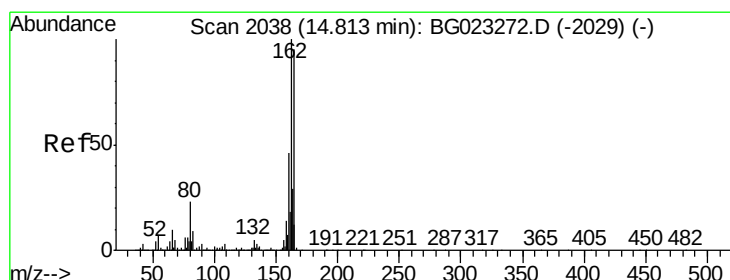
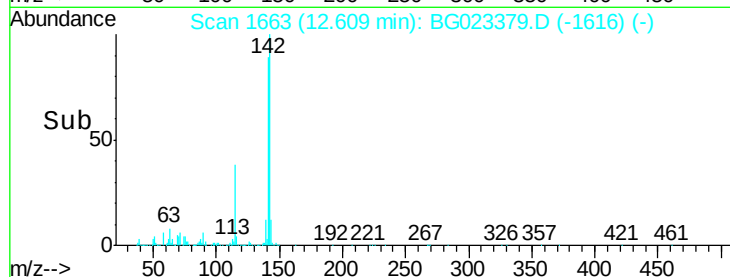
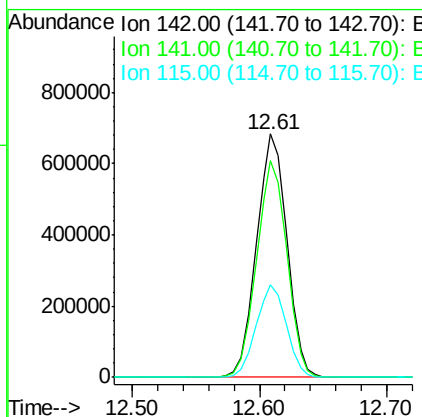
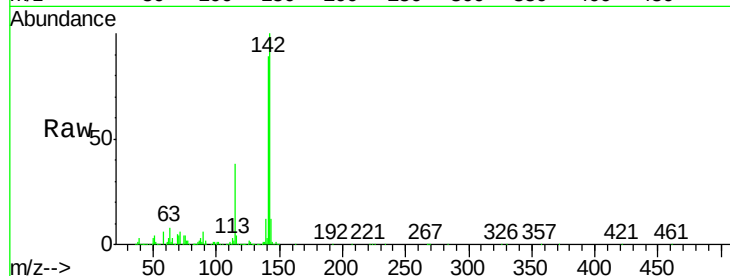




#37
2-Methylnaphthalene
Concen: 44.15 ng
RT: 12.61 min Scan# 1663
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

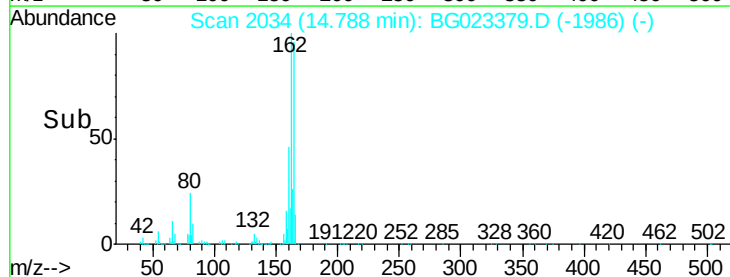
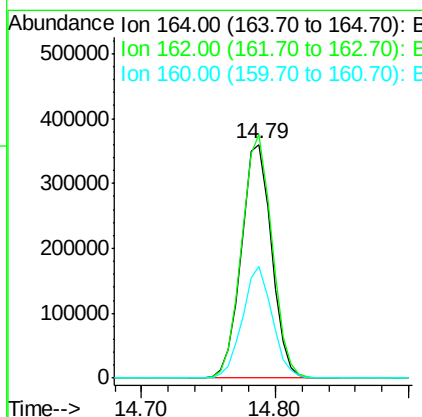
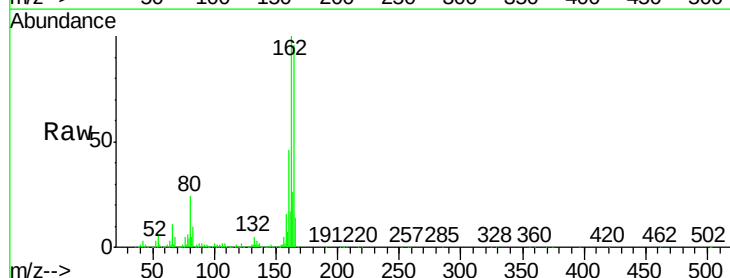
Instrument :
BNA_G
ClientSampleId :

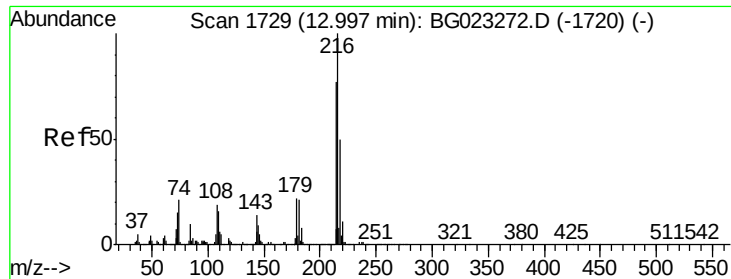
Tot Ion:142 Resp: 1143067
Ion Ratio Lower Upper
142 100
141 89.1 70.2 105.2
115 38.0 41.7 62.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion:164 Resp: 561127
Ion Ratio Lower Upper
164 100
162 104.2 87.7 131.5
160 48.1 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.47 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 535386

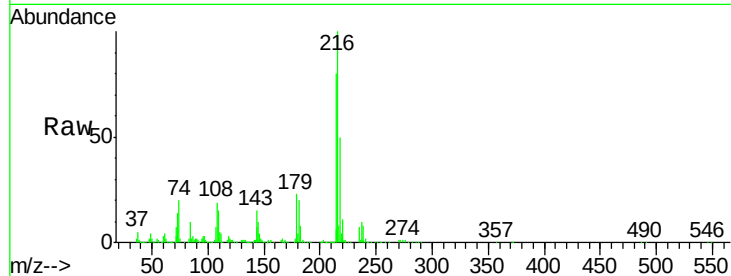
Ion Ratio Lower Upper

216 100

214 80.3 62.9 94.3

179 22.4 17.2 25.8

108 21.6 16.3 24.5

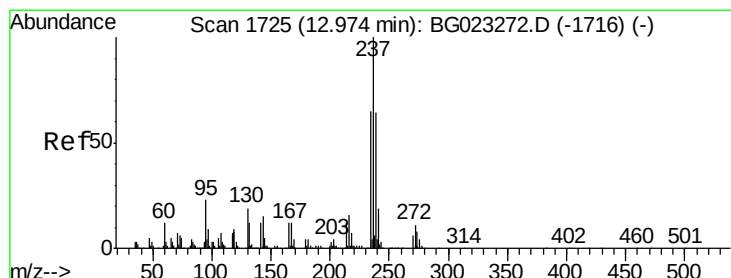
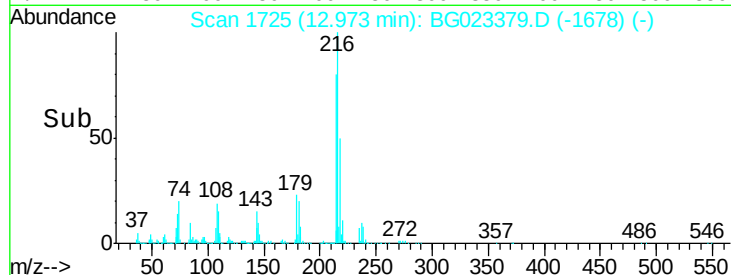
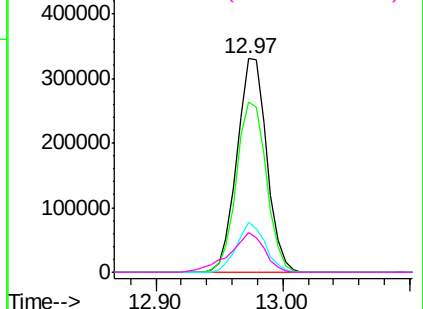


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.74 ng

RT: 12.95 min Scan# 1721

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

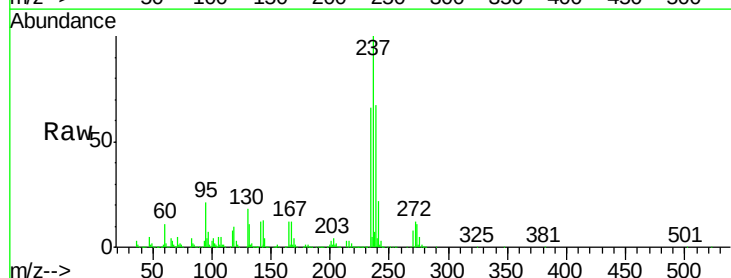
Tgt Ion:237 Resp: 669210

Ion Ratio Lower Upper

237 100

235 65.6 43.1 83.1

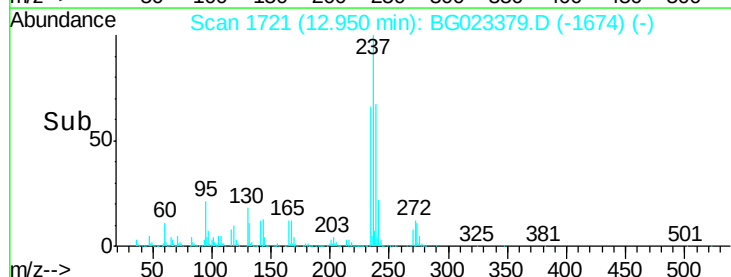
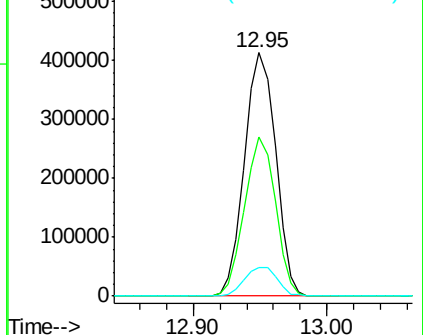
272 12.0 0.0 30.9

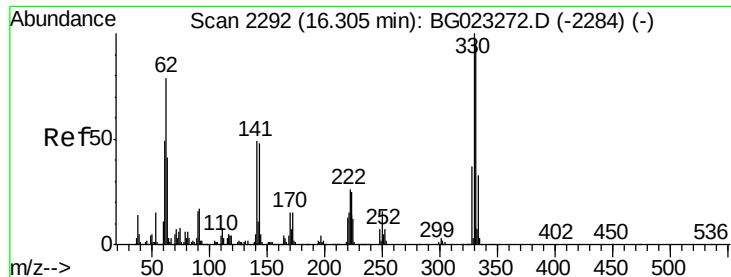


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 154.10 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

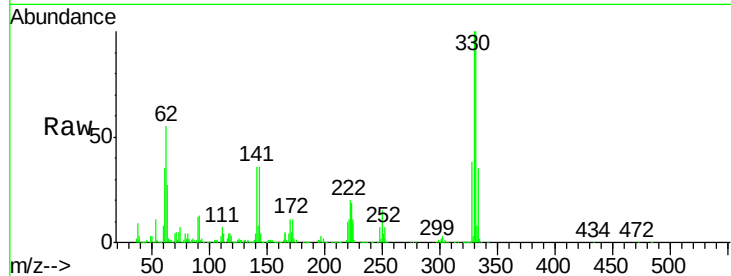
Tot Ion:330 Resp: 894983

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.2

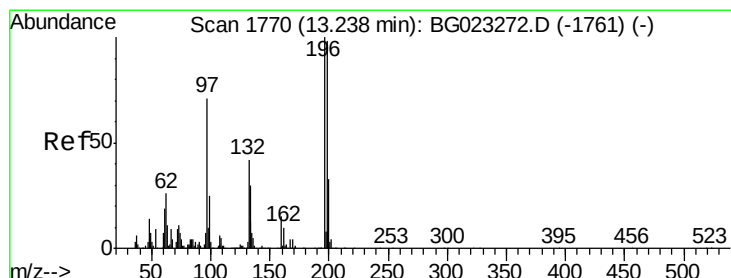
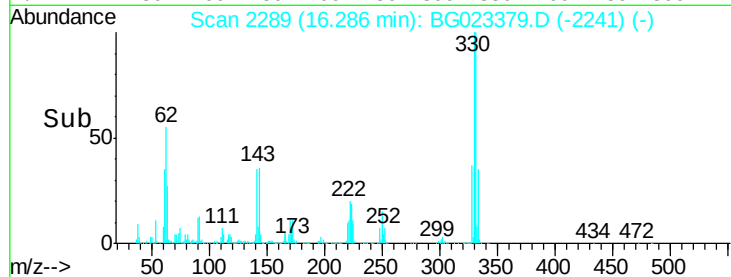
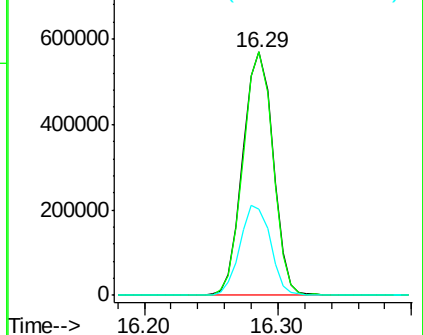
141 37.3 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.41 ng

RT: 13.22 min Scan# 1767

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

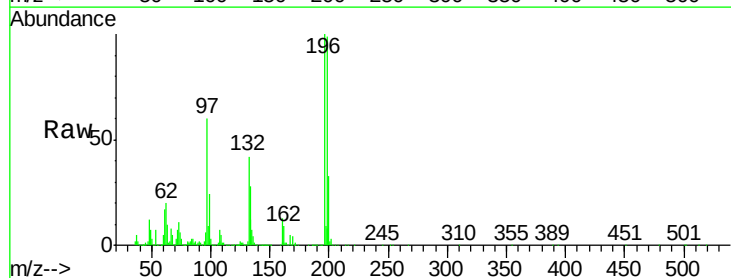
Tgt Ion:196 Resp: 473895

Ion Ratio Lower Upper

196 100

198 99.2 78.2 117.2

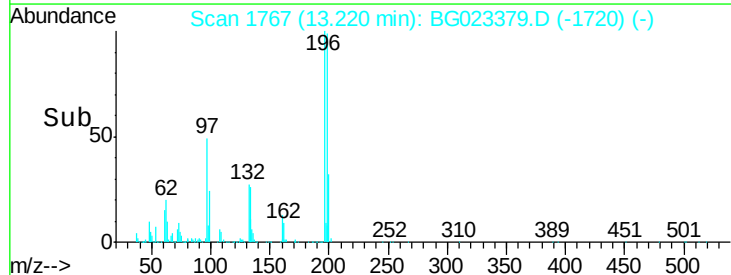
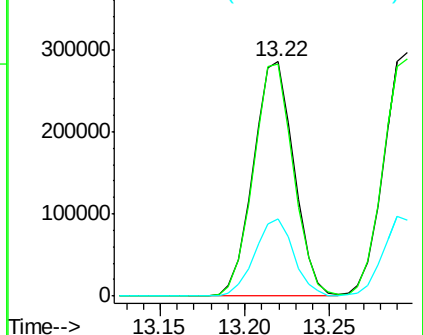
200 32.9 27.0 40.4

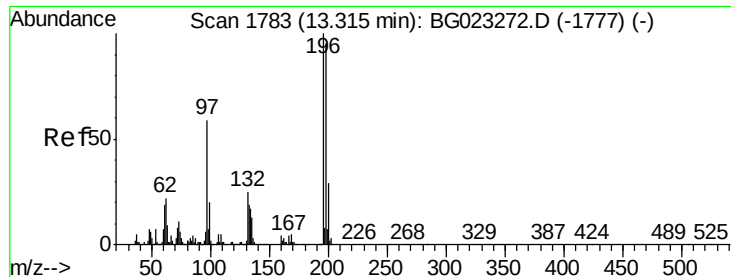


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

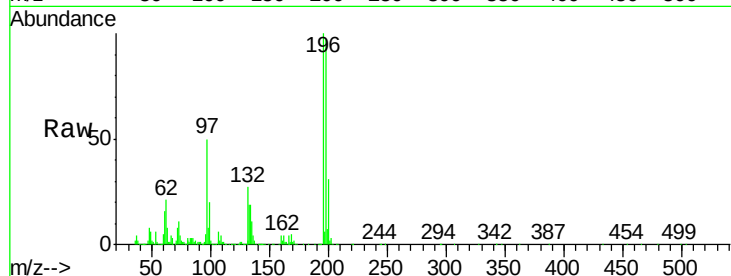




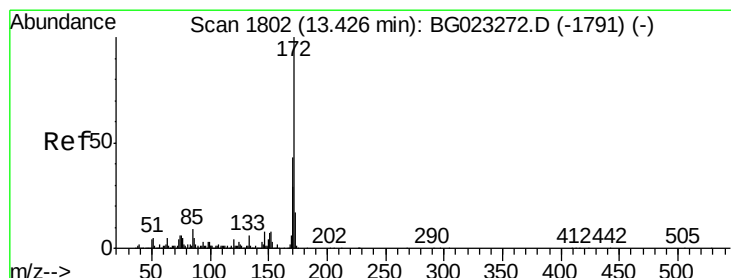
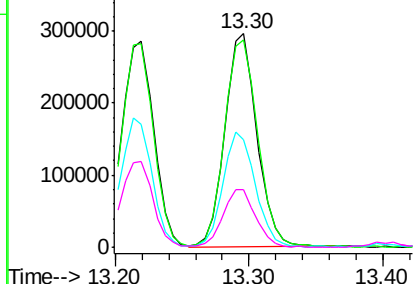
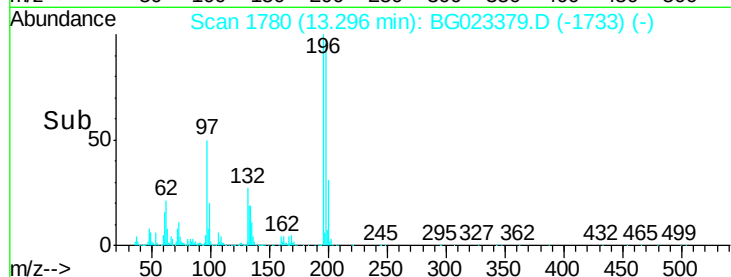
#43
 2,4,5-Trichlorophenol
 Concen: 43.94 ng
 RT: 13.30 min Scan# 1780
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	497330
Ion Ratio	100	Lower	Upper
196	100		
198	97.2	85.7	128.5
97	50.4	45.5	68.3
132	27.0	18.9	28.3

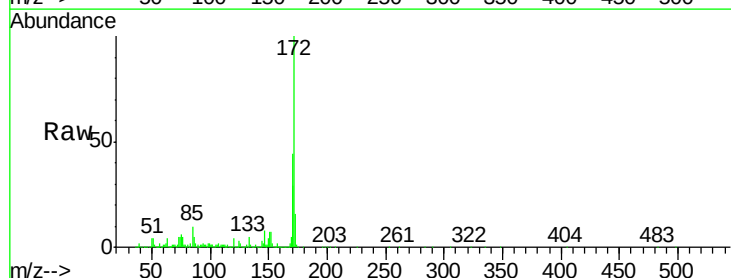


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

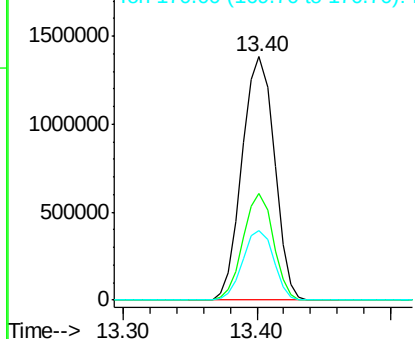
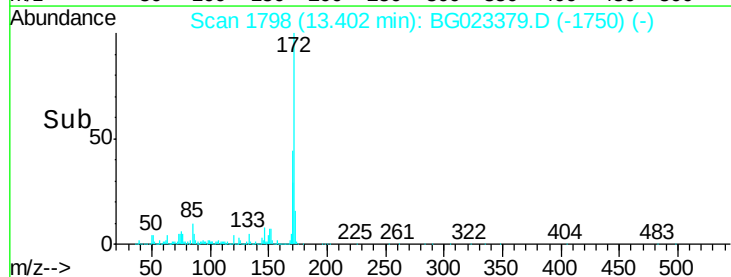


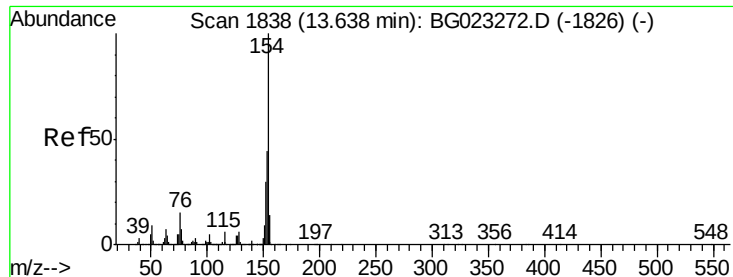
#44
 2-Fluorobiphenyl
 Concen: 77.29 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	172	Resp	2317111
Ion Ratio	100	Lower	Upper
172	100		
171	43.8	31.6	47.4
170	28.6	21.3	31.9



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



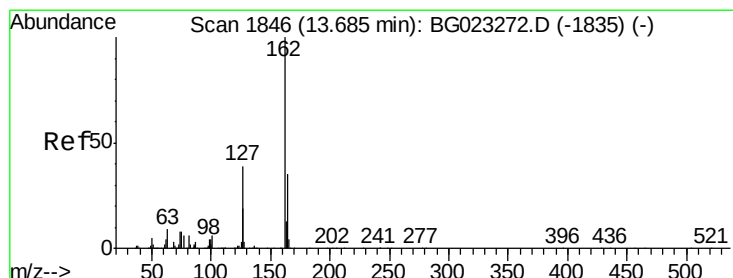
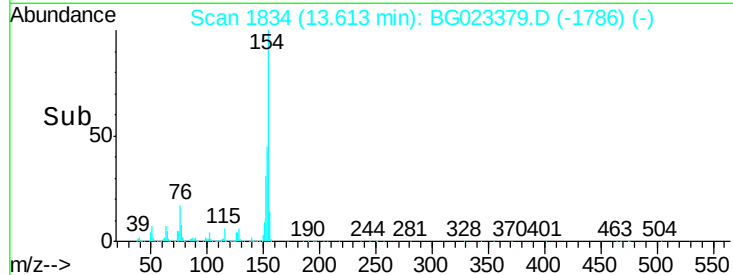
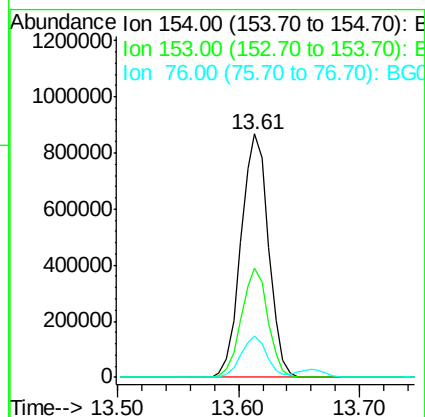
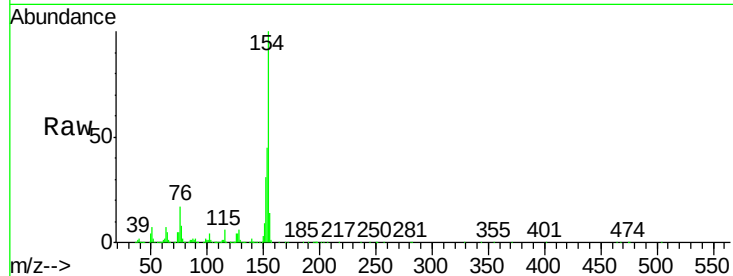


#45
 1,1'-Biphenyl
 Concen: 35.23 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 1378912

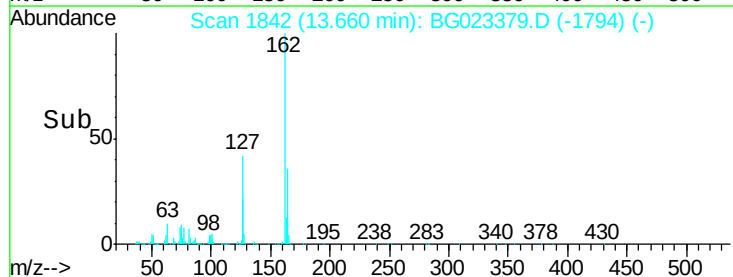
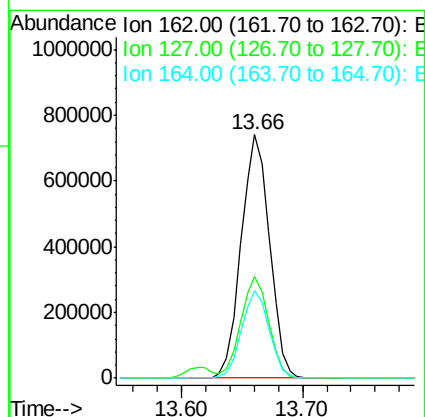
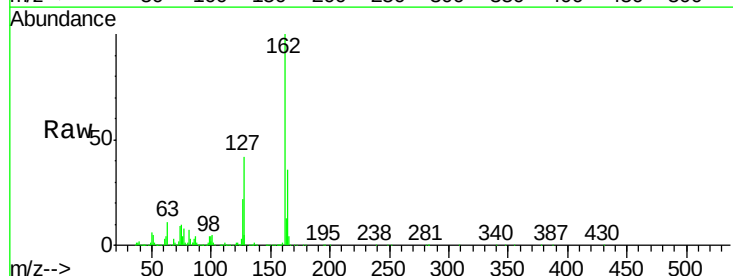
Ion	Ratio	Lower	Upper
154	100		
153	44.7	20.2	60.2
76	16.9	0.0	32.9

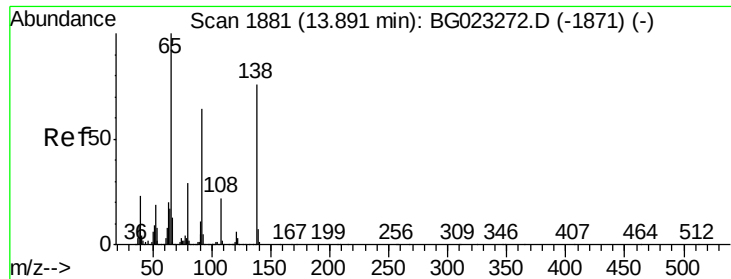


#46
 2-Chloronaphthalene
 Concen: 38.68 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion:162 Resp: 1213005

Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.4	48.6
164	36.1	25.2	37.8

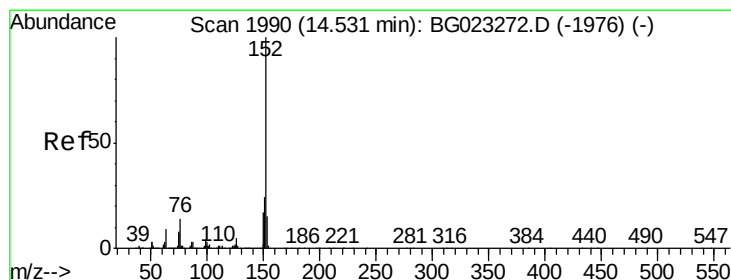
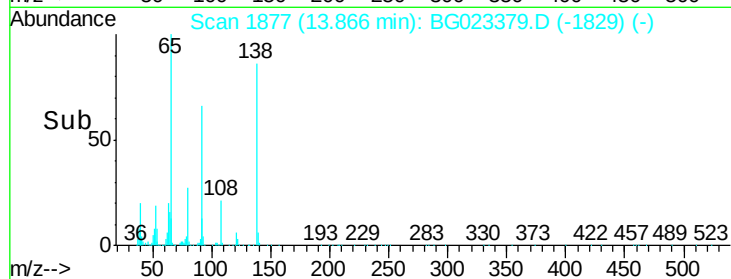
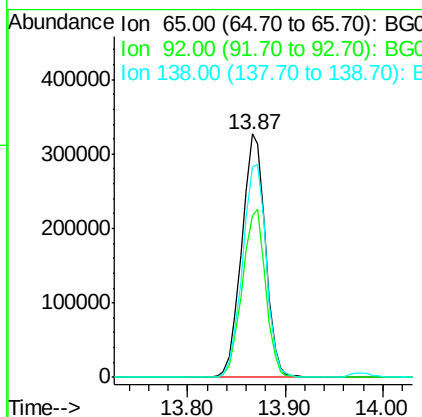
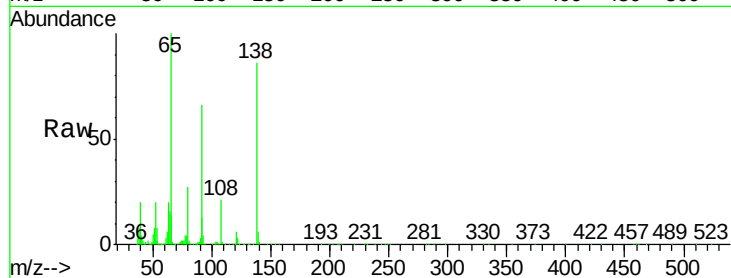




#47
2-Nitroaniline
Concen: 41.32 ng
RT: 13.87 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

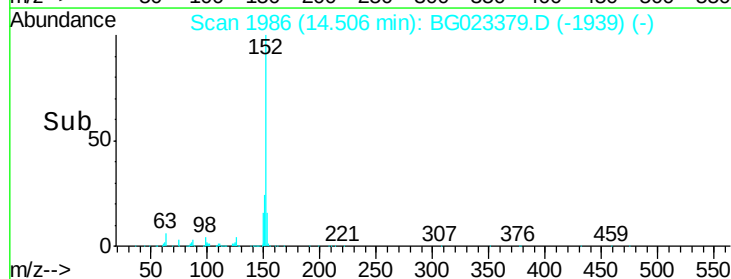
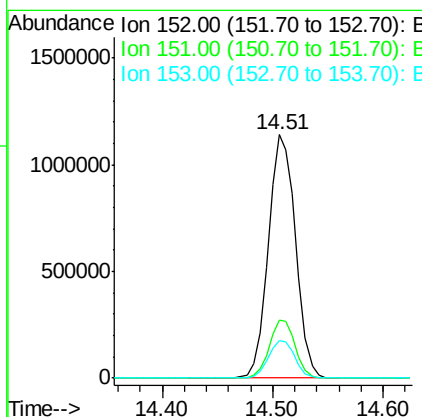
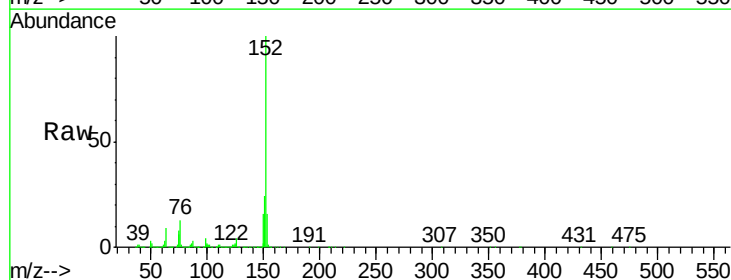
Instrument :
BNA_G
ClientSampleId :

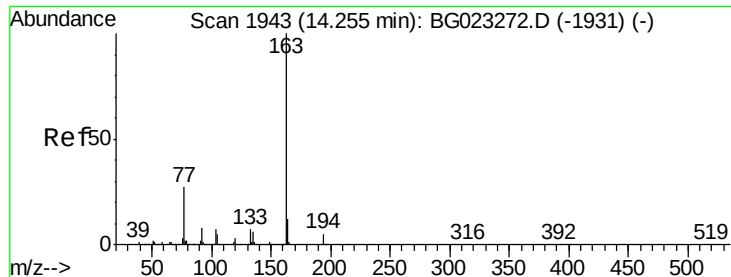
Tot Ion	Ratio	Lower	Upper
65	100		
92	66.5	49.4	74.0
138	86.3	58.0	87.0



#48
Acenaphthylene
Concen: 40.70 ng
RT: 14.51 min Scan# 1986
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.6	17.6	26.4
153	15.6	11.4	17.2

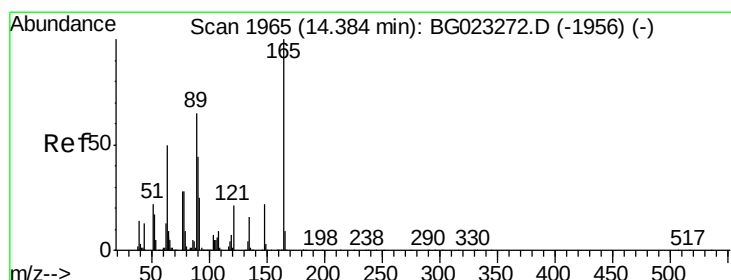
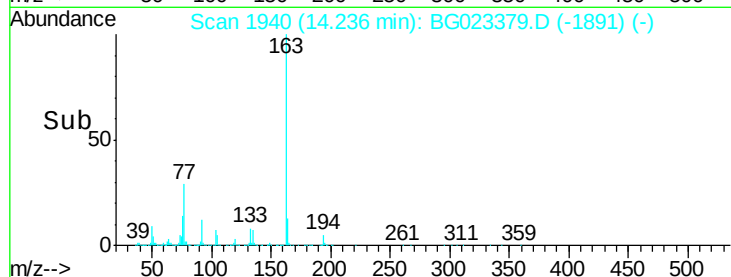
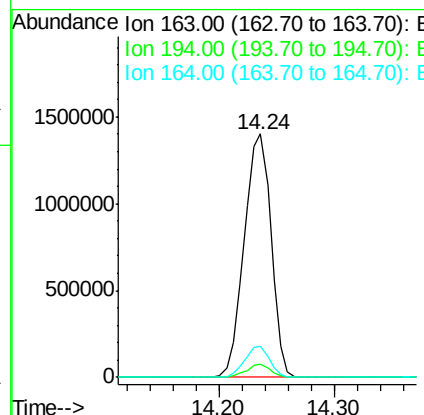
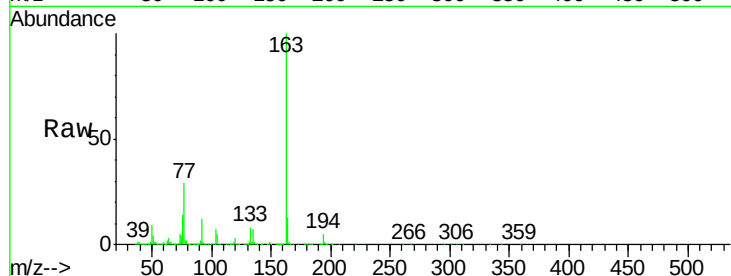




#49
Dimethylphthalate
Concen: 54.52 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

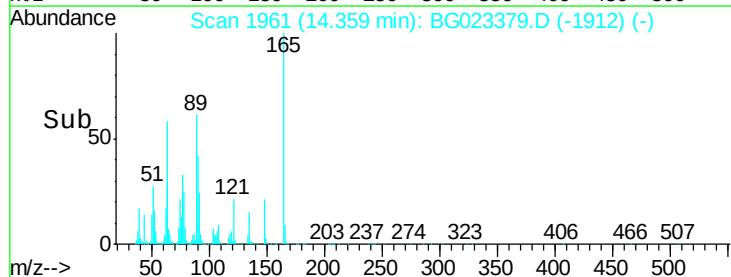
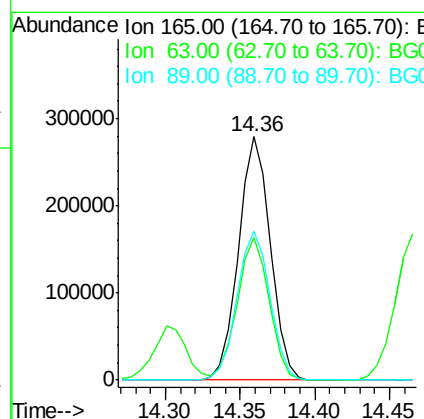
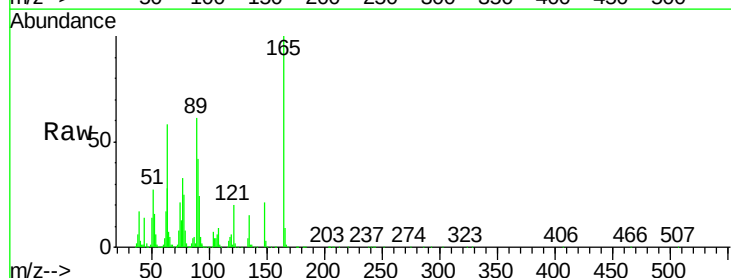
Instrument :
BNA_G
ClientSampleId :

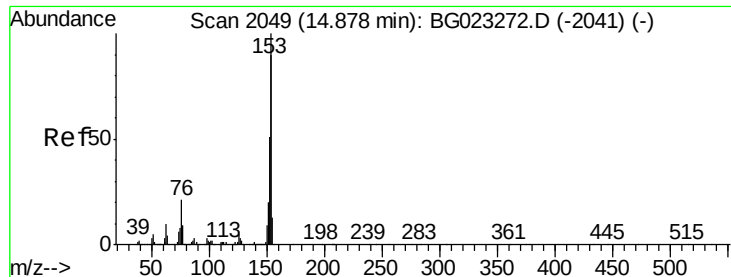
Tot Ion:163 Resp: 2257531
Ion Ratio Lower Upper
163 100
194 5.2 3.6 5.4
164 12.7 8.1 12.1#



#50
2,6-Dinitrotoluene
Concen: 42.68 ng
RT: 14.36 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion:165 Resp: 413861
Ion Ratio Lower Upper
165 100
63 58.4 64.3 96.5#
89 61.3 64.3 96.5#





#51

Acenaphthene

Concen: 40.46 ng

RT: 14.85 min Scan# 2045

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

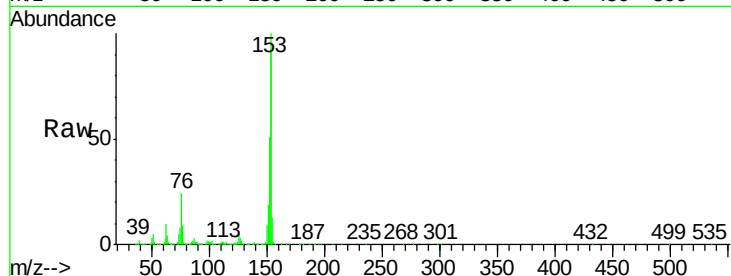
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 1260171

Ion	Ratio	Lower	Upper
154	100		
153	109.2	87.5	131.3
152	56.0	42.7	64.1

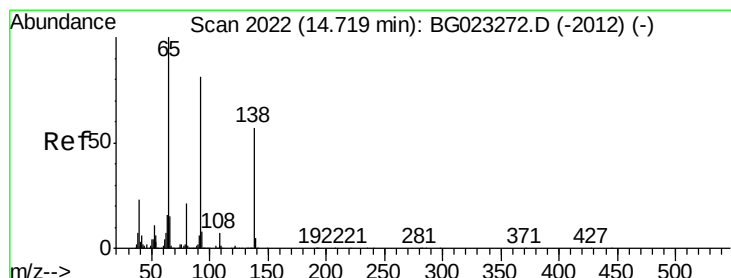
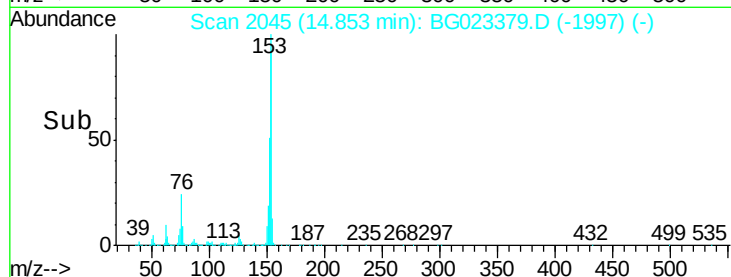
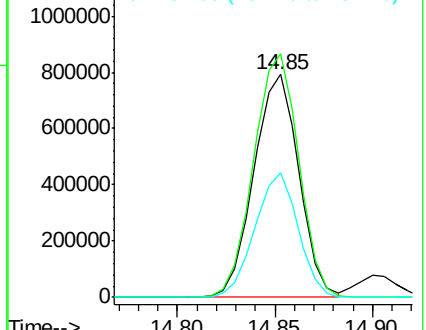


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.49 ng

RT: 14.69 min Scan# 2018

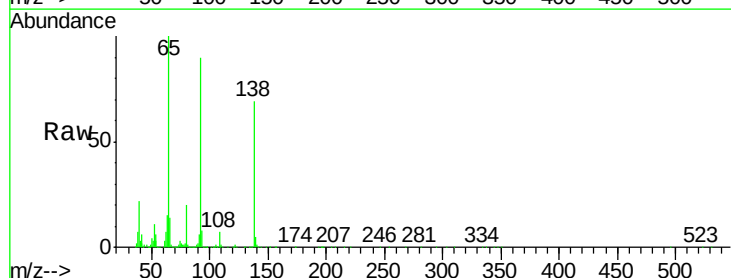
Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:138 Resp: 424740

Ion	Ratio	Lower	Upper
138	100		
108	10.1	11.7	17.5#
92	131.0	129.7	194.5

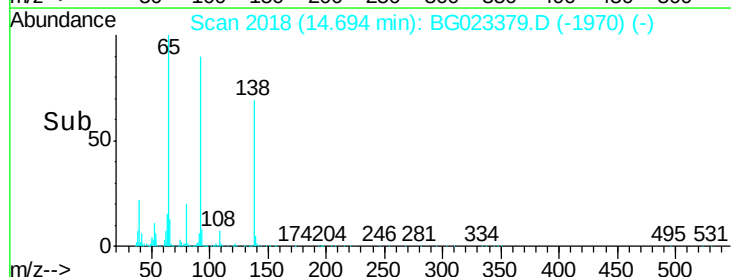
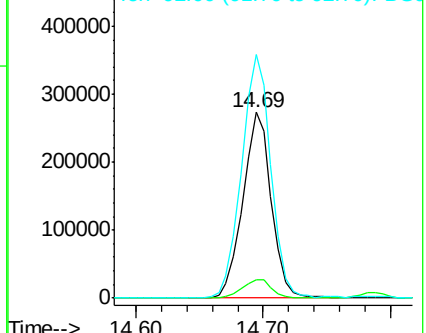


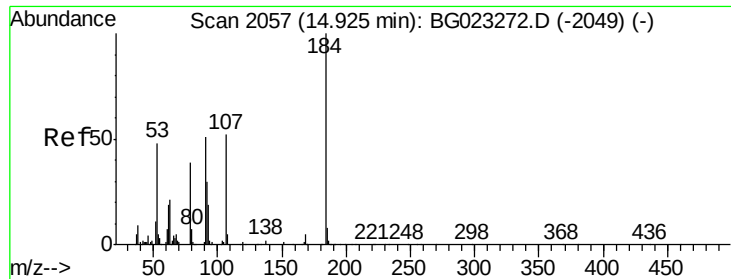
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

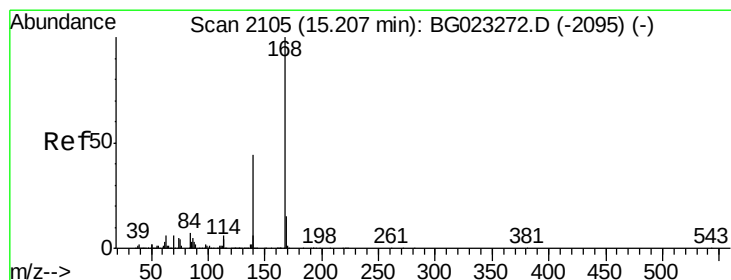
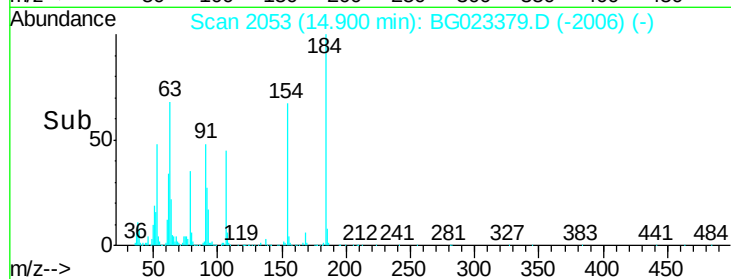
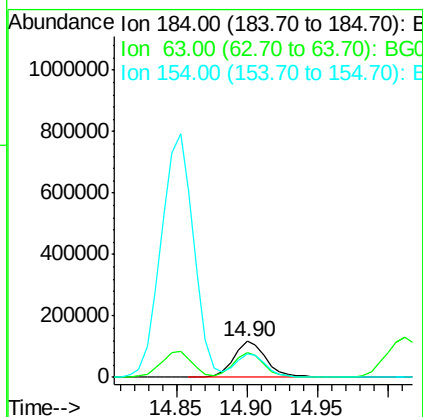
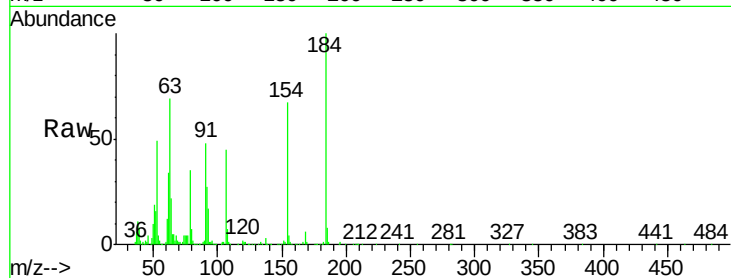




#53
2,4-Dinitrophenol
Concen: 32.81 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

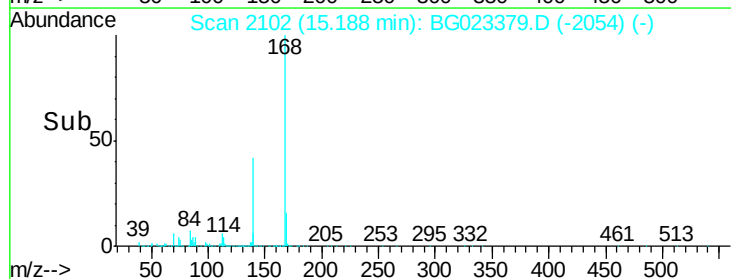
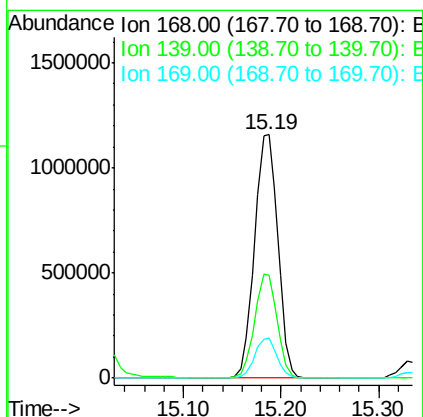
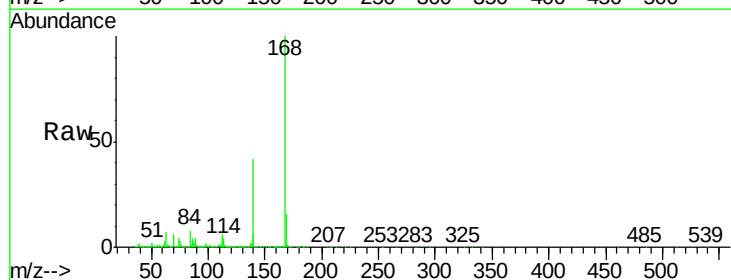
Instrument :
BNA_G
ClientSampled :

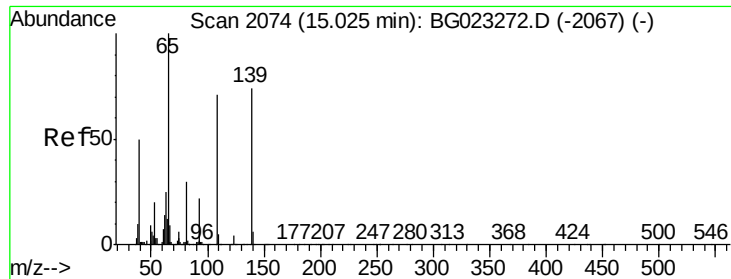
Tot Ion:184 Resp: 186289
Ion Ratio Lower Upper
184 100
63 68.7 59.6 89.4
154 66.6 67.4 101.0#



#54
Dibenzofuran
Concen: 44.35 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion:168 Resp: 1954538
Ion Ratio Lower Upper
168 100
139 42.2 36.4 54.6
169 16.3 11.9 17.9

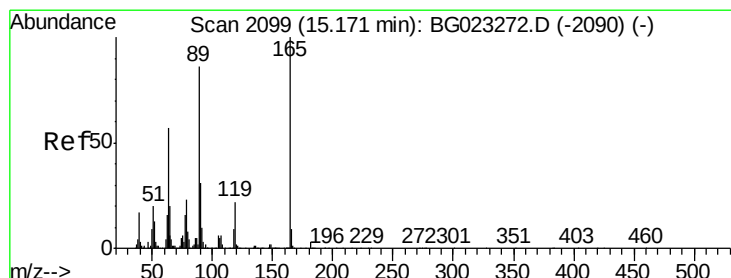
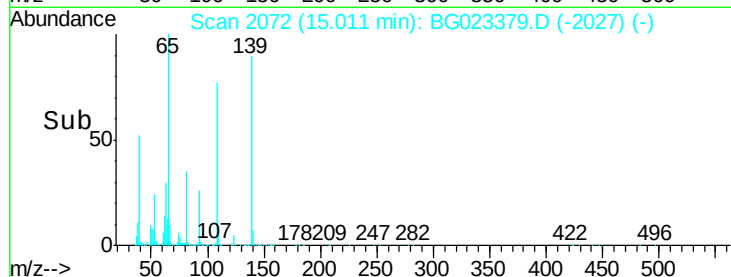
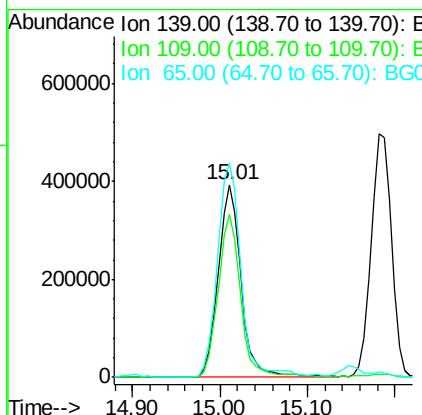
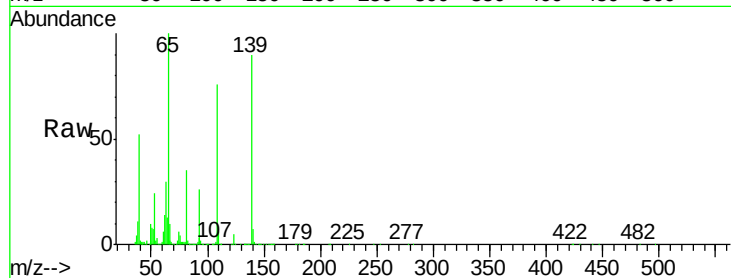




#55
4-Nitrophenol
Concen: 84.63 ng
RT: 15.01 min Scan# 2072
Delta R.T. -0.04 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

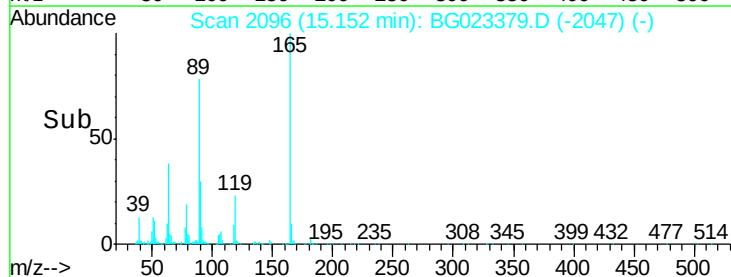
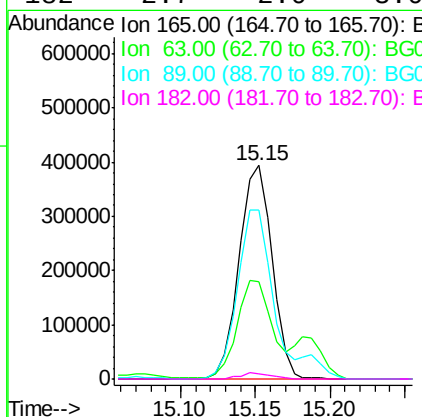
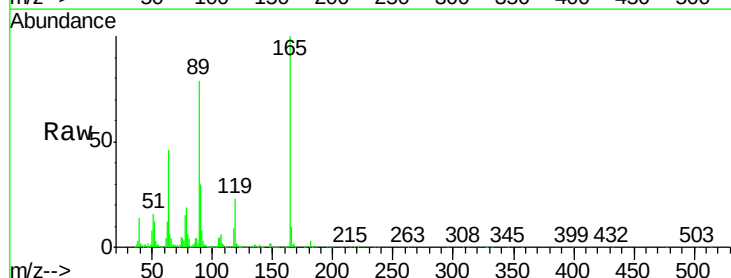
Instrument :
BNA_G
ClientSampleId :

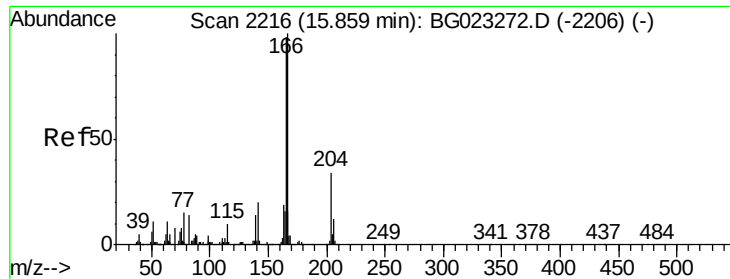
Tot Ion:139 Resp: 716956
Ion Ratio Lower Upper
139 100
109 84.7 103.0 143.0#
65 111.0 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 44.30 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion:165 Resp: 604870
Ion Ratio Lower Upper
165 100
63 45.5 45.8 68.6#
89 79.0 68.6 102.8
182 2.7 2.0 3.0

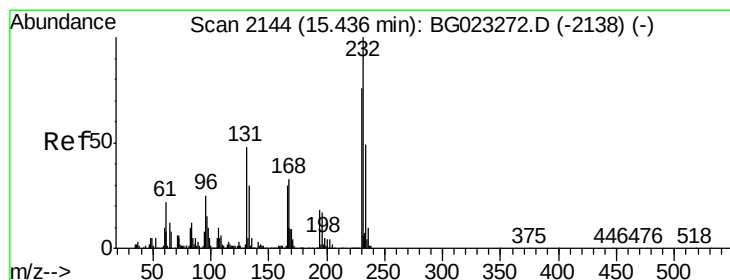
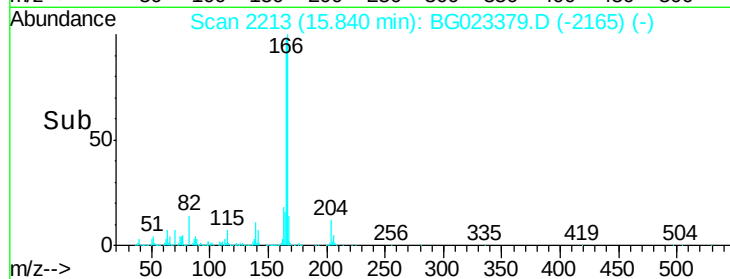
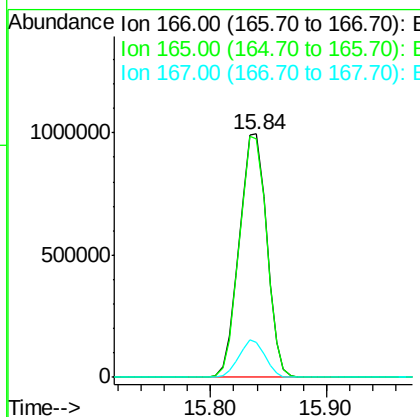
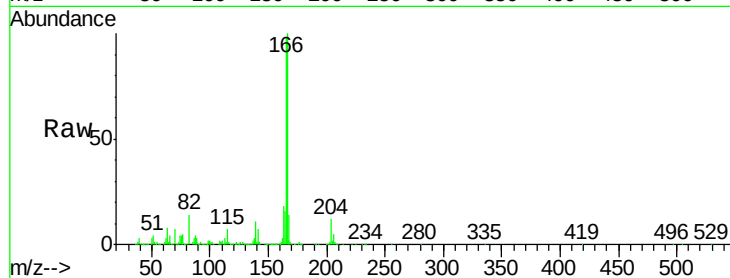




#57
 Fluorene
 Concen: 42.34 ng
 RT: 15.84 min Scan# 2213
 Delta R.T. -0.02 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

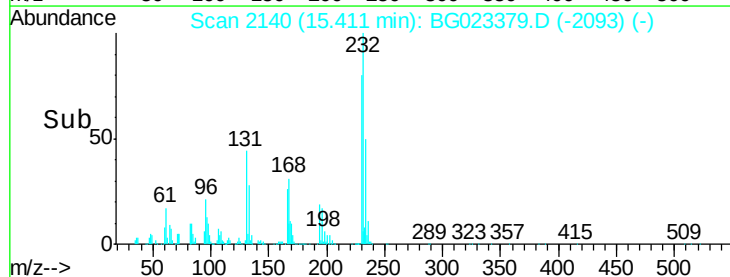
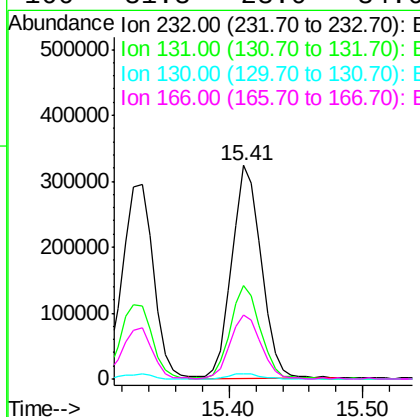
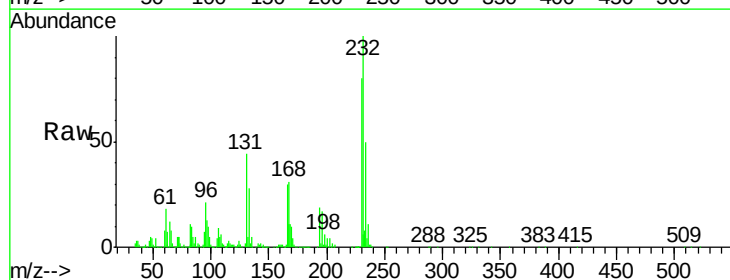
Instrument :
 BNA_G
 ClientSampleId :

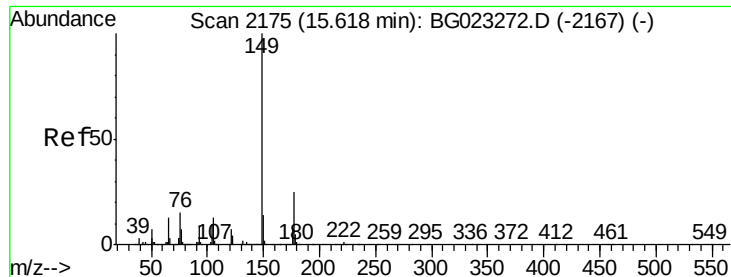
Tot Ion:166 Resp: 1647393
 Ion Ratio Lower Upper
 166 100
 165 97.9 81.0 121.6
 167 14.5 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.14 ng
 RT: 15.41 min Scan# 2140
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion:232 Resp: 499607
 Ion Ratio Lower Upper
 232 100
 131 44.1 32.7 49.1
 130 2.7 2.6 3.8
 166 31.3 23.0 34.6

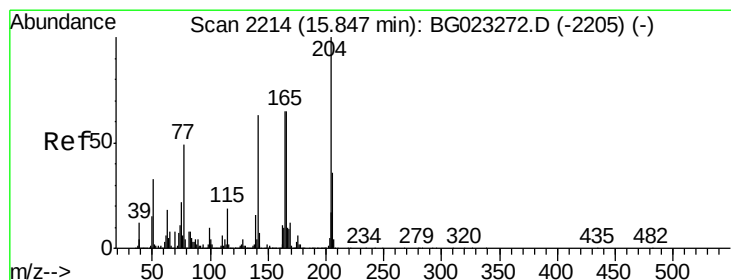
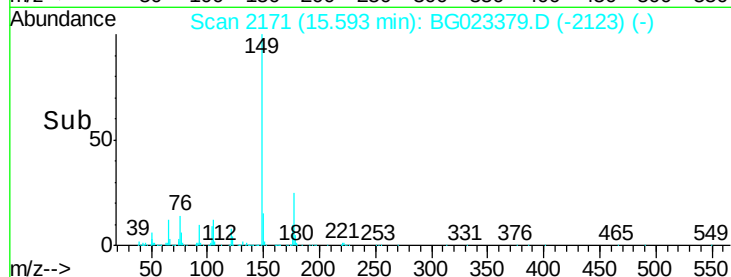
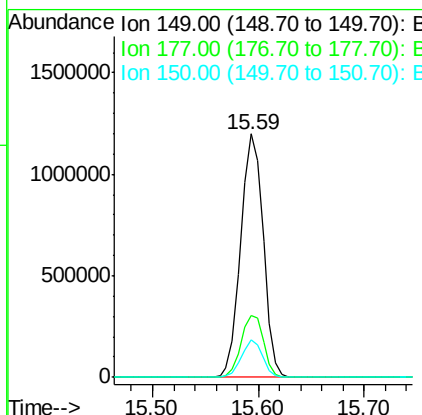
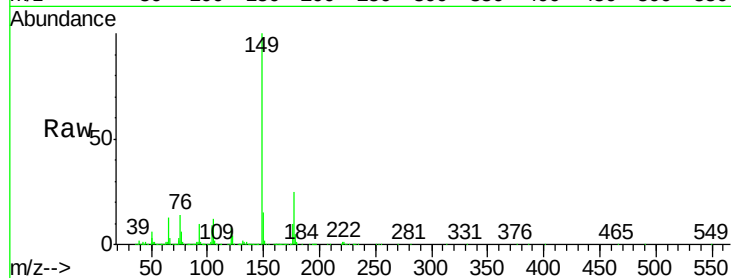




#59
Diethylphthalate
Concen: 41.43 ng
RT: 15.59 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

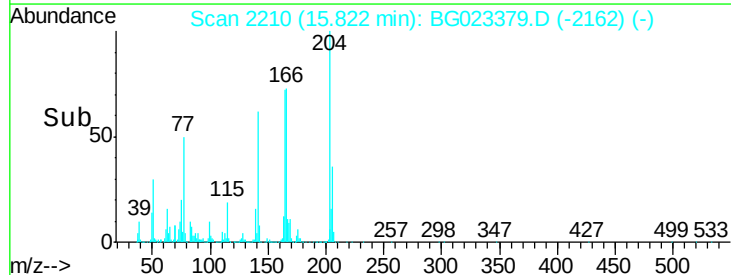
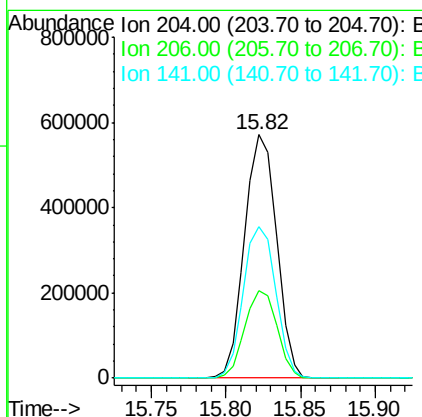
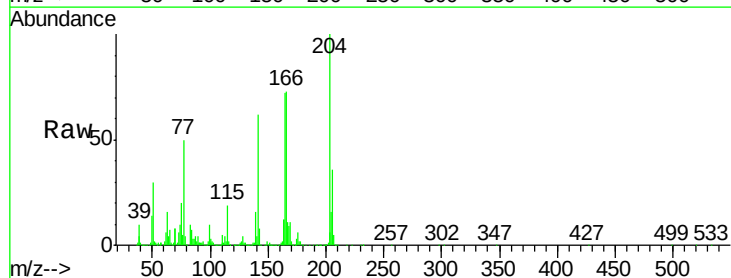
Instrument :
BNA_G
ClientSampleId :

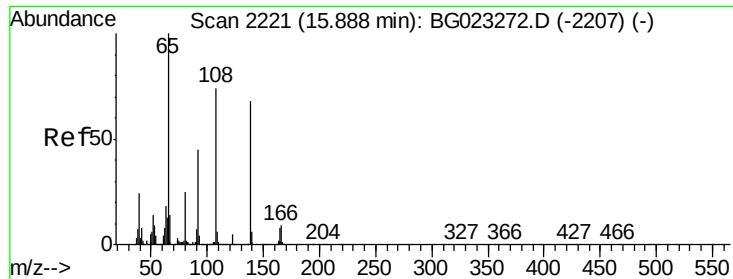
Tot Ion:149 Resp: 1757039
Ion Ratio Lower Upper
149 100
177 25.4 19.2 28.8
150 15.2 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 40.31 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion:204 Resp: 849170
Ion Ratio Lower Upper
204 100
206 35.7 28.5 42.7
141 62.3 51.4 77.0

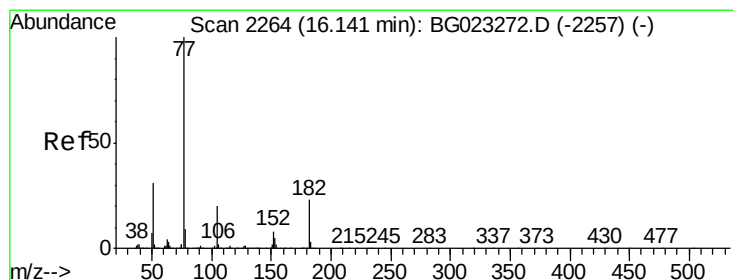
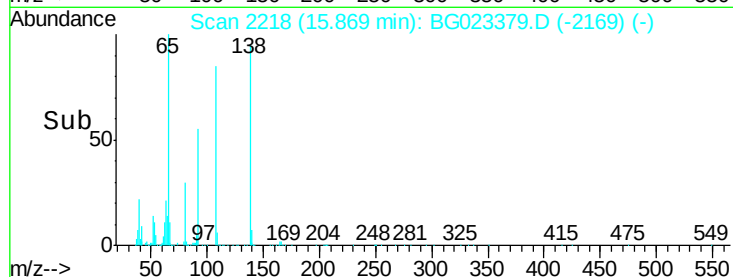
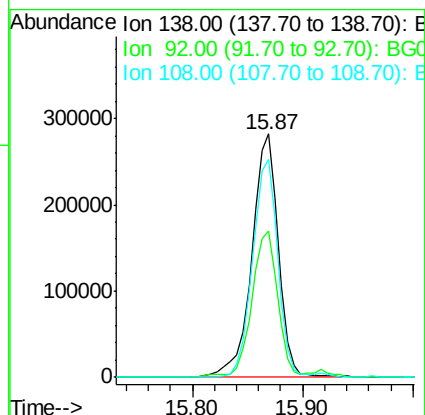
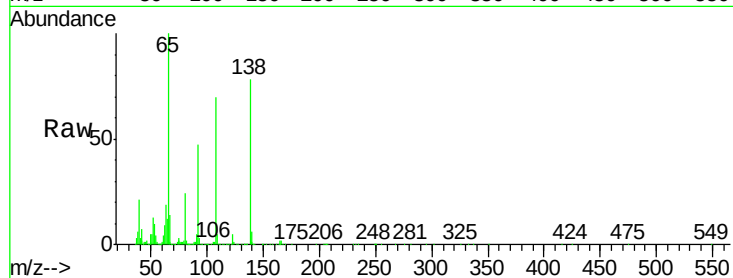




#61
4-Nitroaniline
Concen: 46.63 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

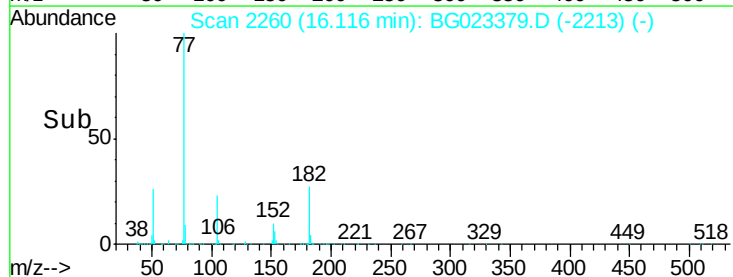
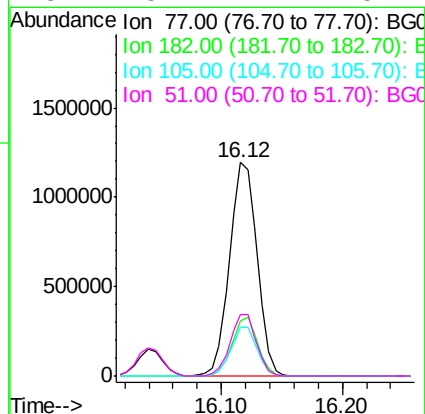
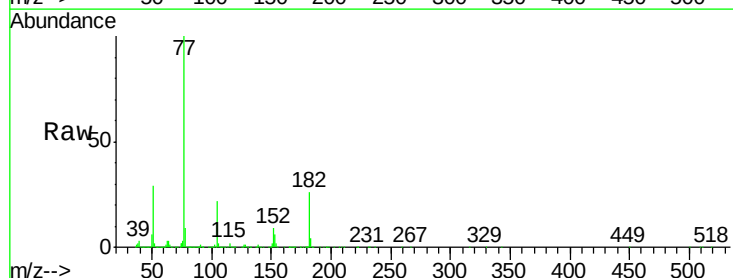
Instrument :
BNA_G
ClientSampleId :

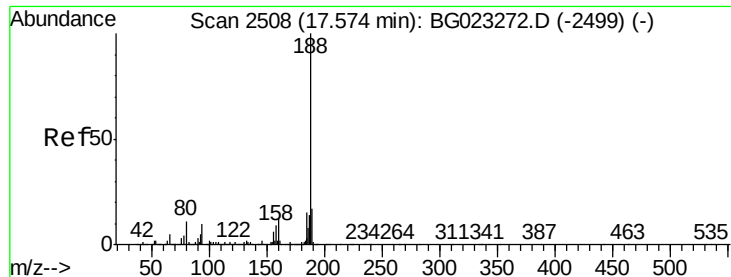
Tot Ion:138 Resp: 477526
Ion Ratio Lower Upper
138 100
92 60.0 54.1 94.1
108 89.5 133.9 173.9#



#62
Azobenzene
Concen: 42.99 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion: 77 Resp: 1890478
Ion Ratio Lower Upper
77 100
182 26.0 3.5 43.5
105 22.5 0.0 38.5
51 28.7 17.1 57.1

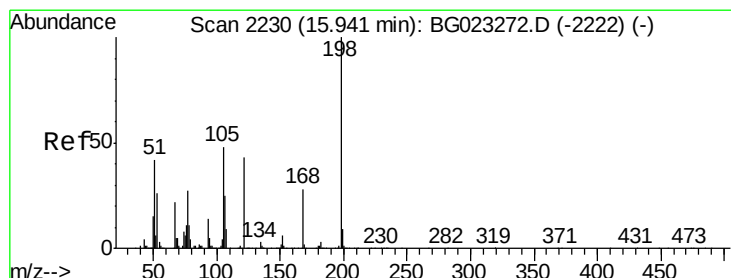
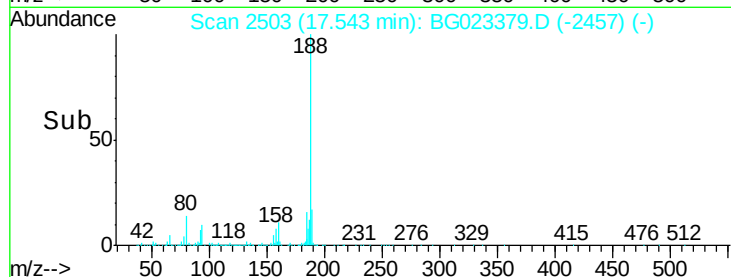
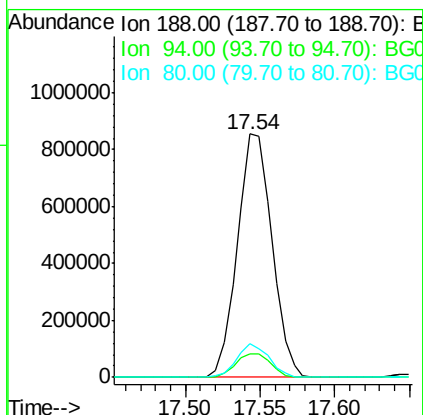
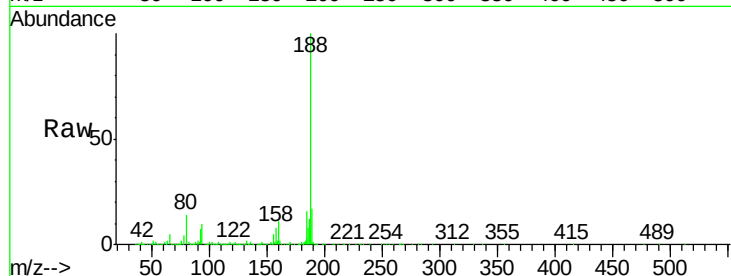




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

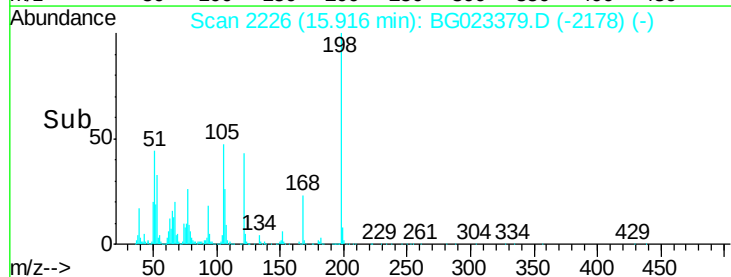
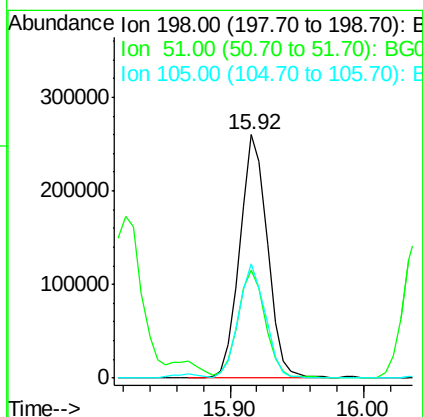
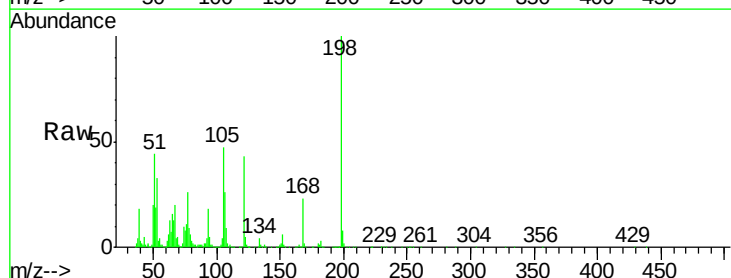
Instrument :
BNA_G
ClientSampleId :

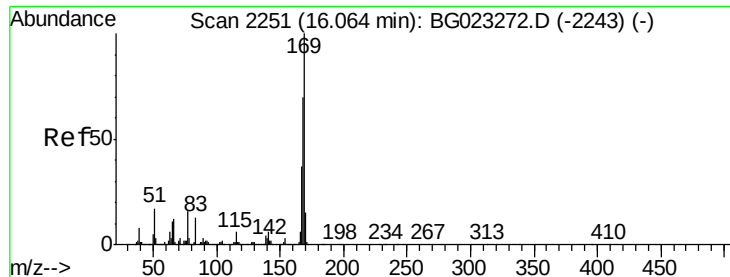
Tot Ion:188 Resp: 1374780
Ion Ratio Lower Upper
188 100
94 9.9 5.2 7.8#
80 13.8 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 42.07 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion:198 Resp: 371513
Ion Ratio Lower Upper
198 100
51 44.3 26.0 66.0
105 46.9 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 42.21 ng

RT: 16.04 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

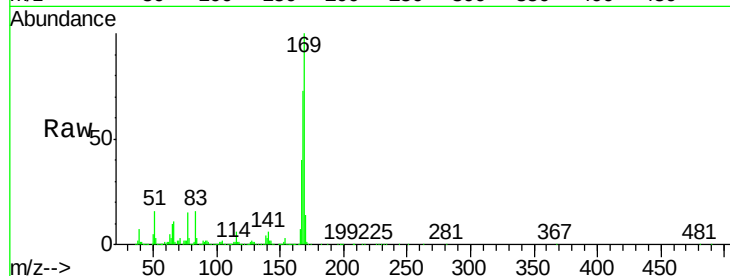
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 1549196

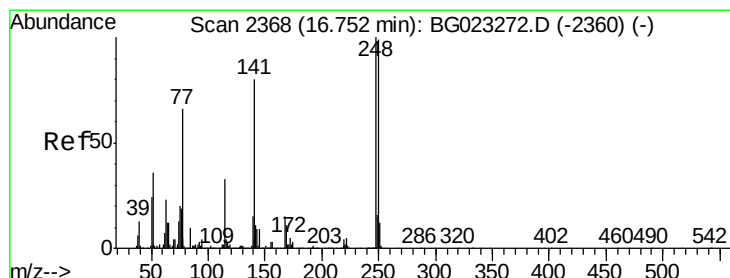
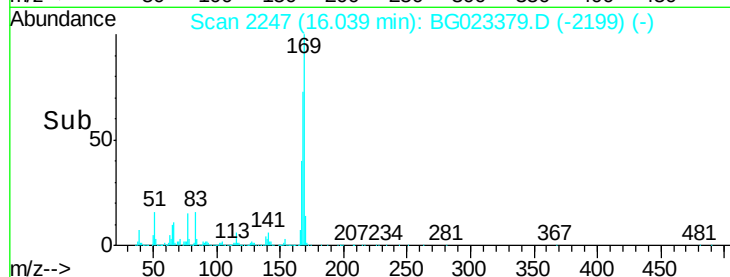
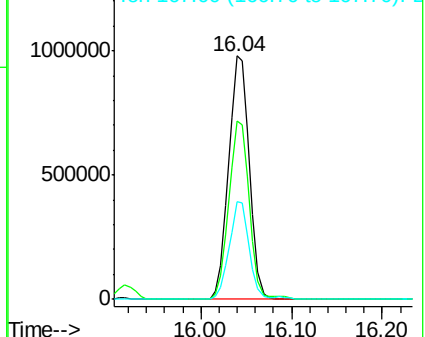
Ion	Ratio	Lower	Upper
169	100		
168	73.1	55.0	82.4
167	40.3	27.4	41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.74 ng

RT: 16.72 min Scan# 2363

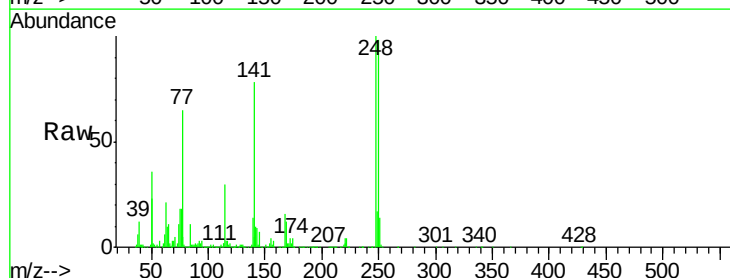
Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Tgt Ion:248 Resp: 608083

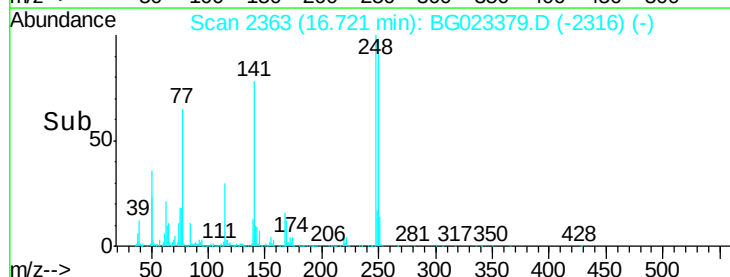
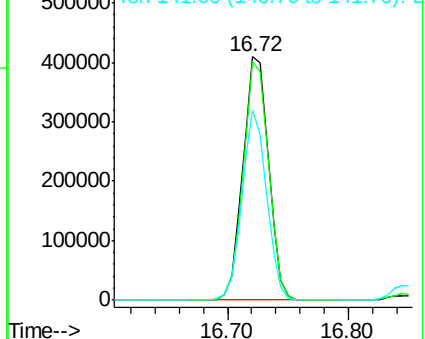
Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.8	116.8
141	77.7	65.7	98.5

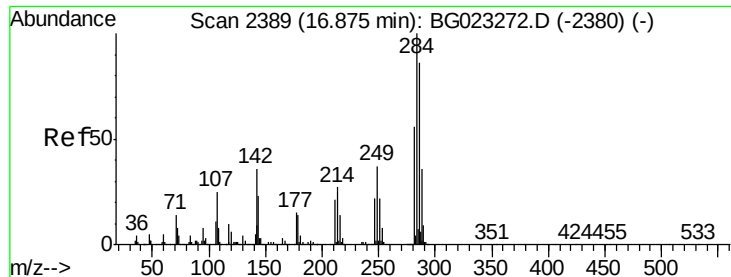


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.82 ng

RT: 16.84 min Scan# 2384

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

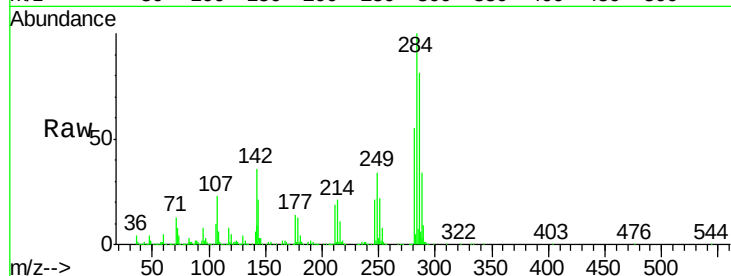
Tot Ion:284 Resp: 640453

Ion Ratio Lower Upper

284 100

142 36.2 26.8 40.2

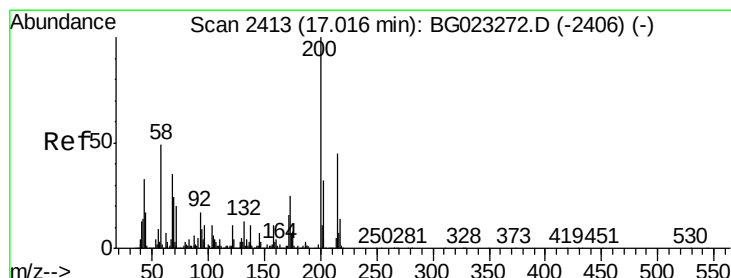
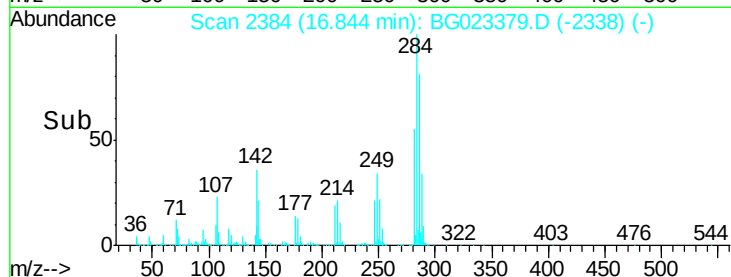
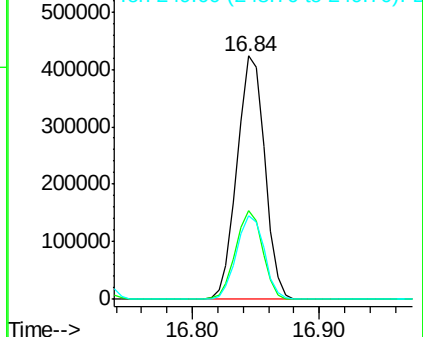
249 34.5 28.9 43.3



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: 45.35 ng

RT: 16.99 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

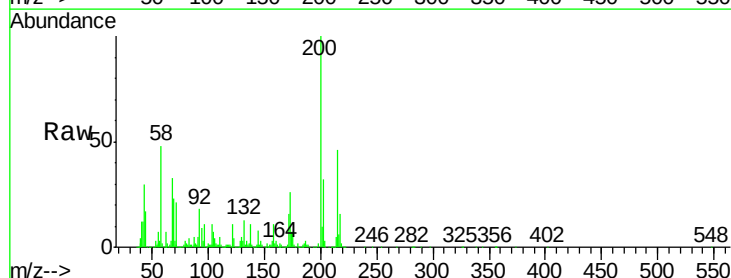
Tgt Ion:200 Resp: 638427

Ion Ratio Lower Upper

200 100

173 25.7 1.6 41.6

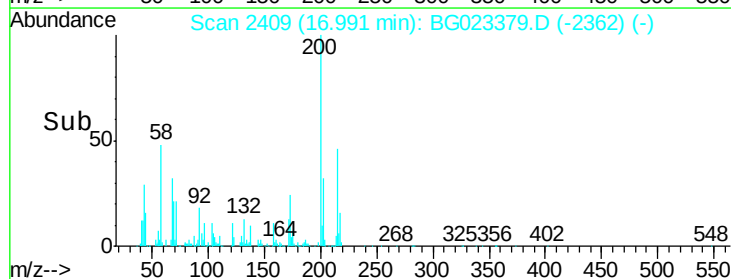
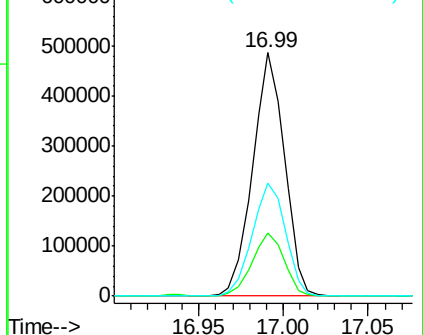
215 46.5 28.7 68.7

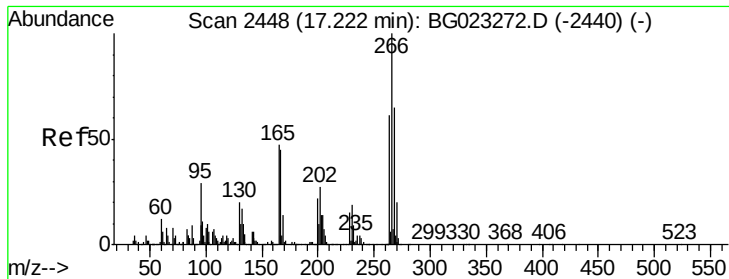


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 86.86 ng

RT: 17.20 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

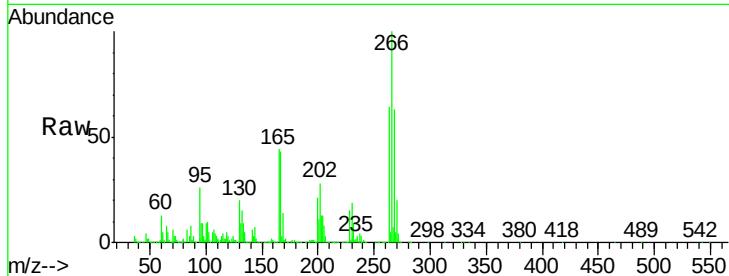
Tot Ion:266 Resp: 749225

Ion Ratio Lower Upper

266 100

268 62.9 51.9 77.9

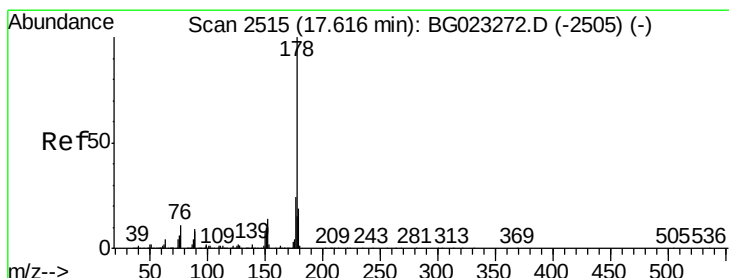
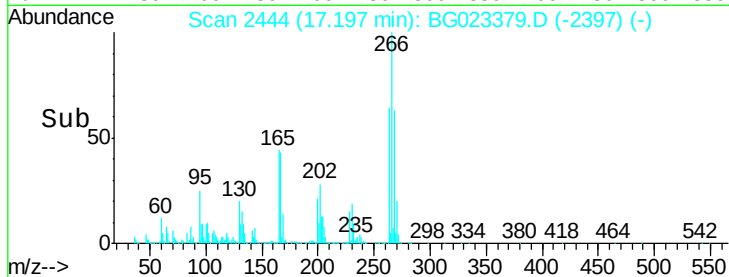
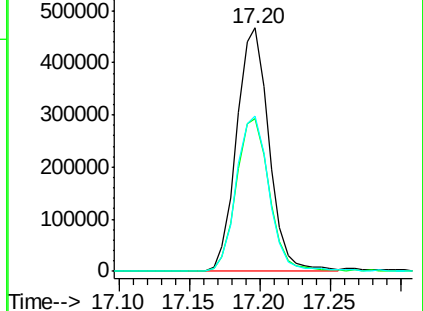
264 63.7 50.6 75.8



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: 43.62 ng

RT: 17.68 min Scan# 2526

Delta R.T. 0.07 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

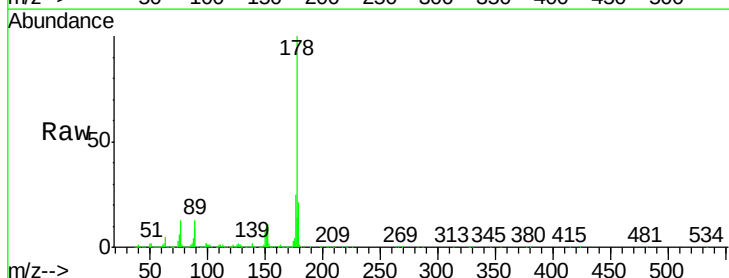
Tgt Ion:178 Resp: 2623107

Ion Ratio Lower Upper

178 100

176 24.8 16.8 25.2

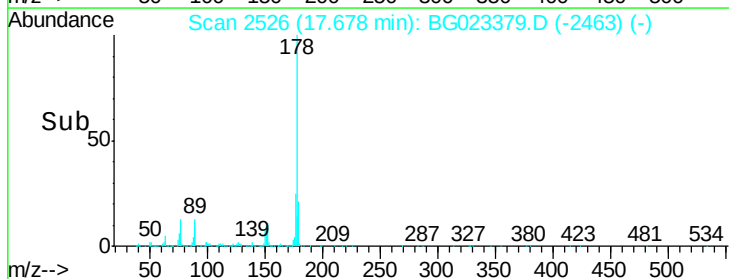
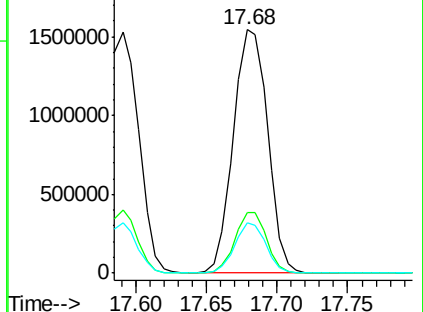
179 20.7 14.3 21.5

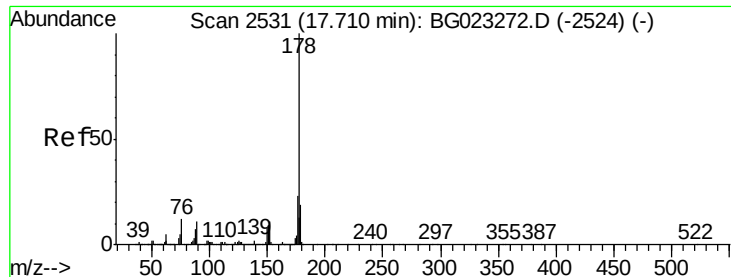


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.17 ng

RT: 17.68 min Scan# 2526

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

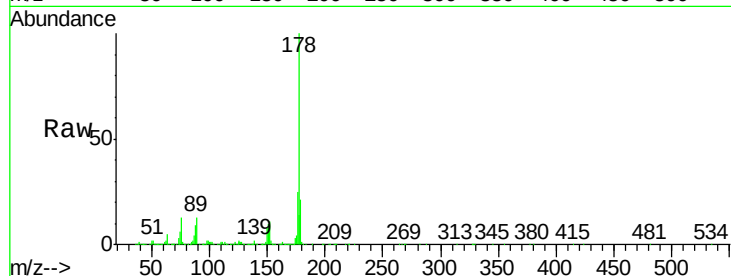
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 2623107

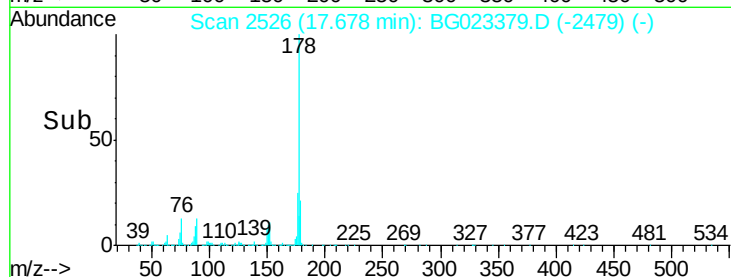
Ion	Ratio	Lower	Upper
178	100		
176	24.8	17.3	25.9
179	20.7	14.0	21.0



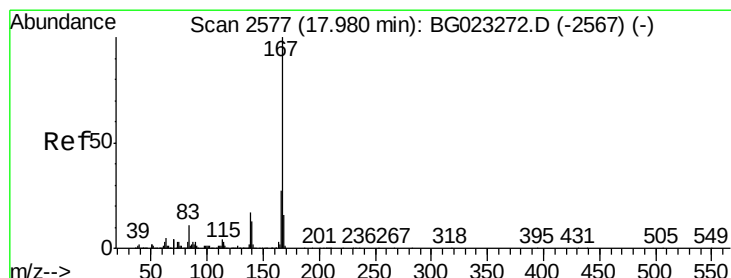
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.60 17.65 17.70 17.75



#72

Carbazole

Concen: 44.41 ng

RT: 17.95 min Scan# 2573

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

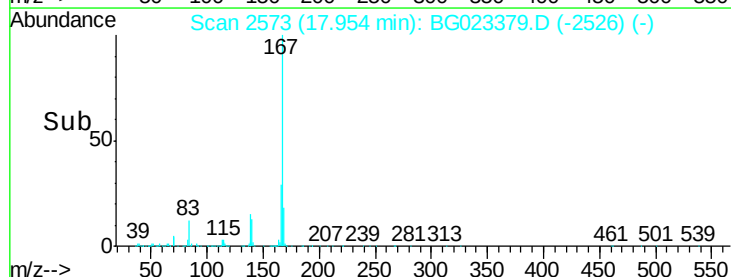
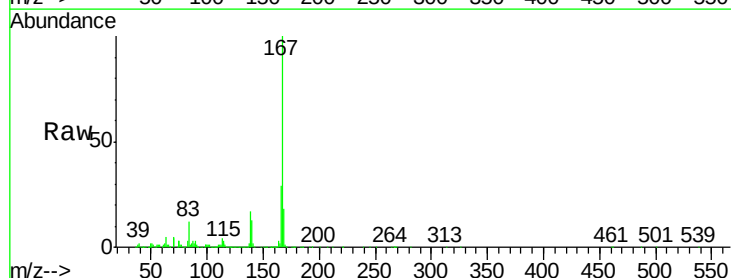
Tgt Ion:167 Resp: 2471277

Ion	Ratio	Lower	Upper
167	100		
166	28.8	20.7	31.1
139	16.5	11.9	17.9

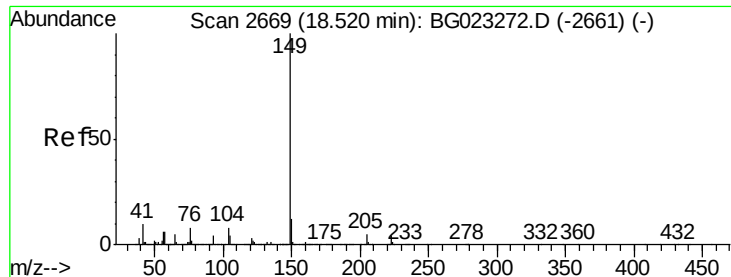
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.90 18.00



#73

Di-n-butylphthalate

Concen: 43.09 ng

RT: 18.49 min Scan# 2665

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

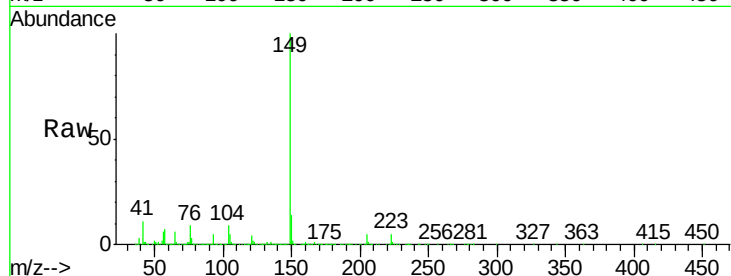
Tot Ion:149 Resp: 2675363

Ion Ratio Lower Upper

149 100

150 14.3 9.1 13.7#

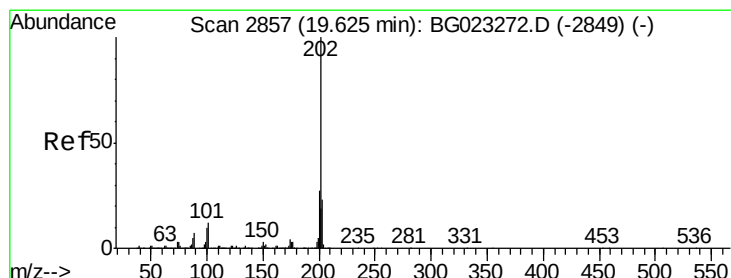
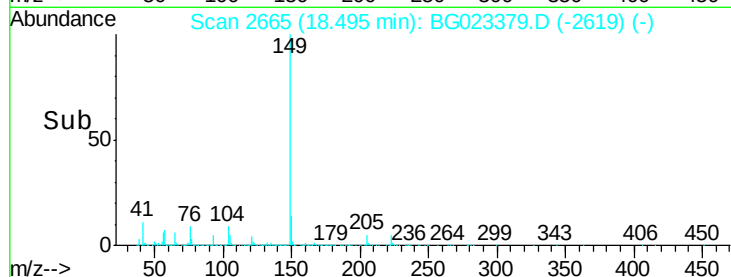
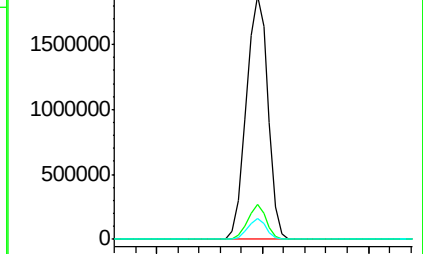
104 8.8 6.9 10.3



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: 40.68 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

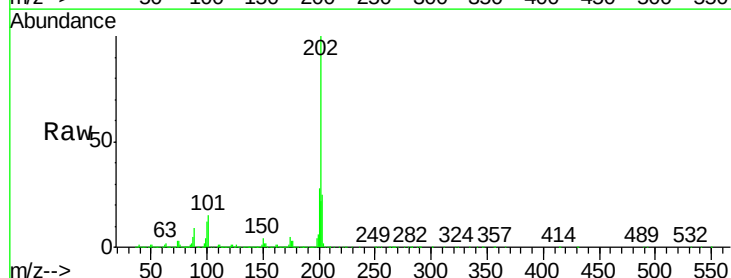
Tgt Ion:202 Resp: 2791714

Ion Ratio Lower Upper

202 100

101 15.3 0.0 27.4

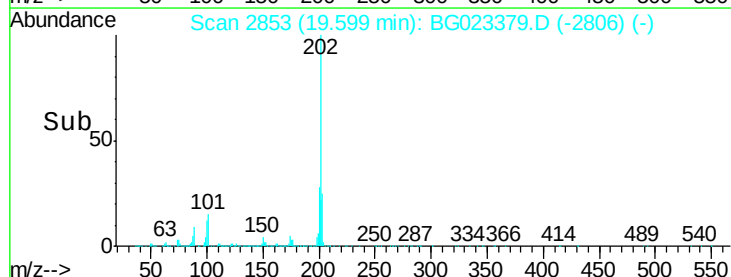
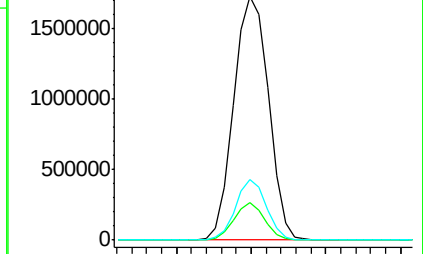
203 24.7 1.7 41.7

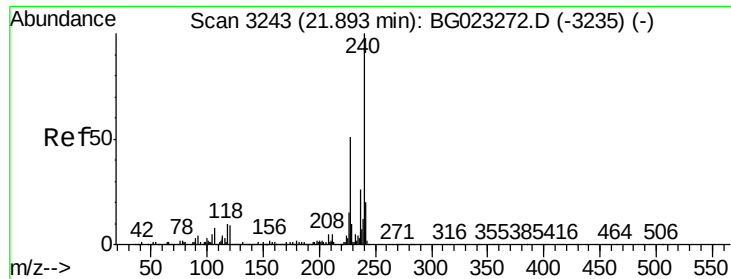


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

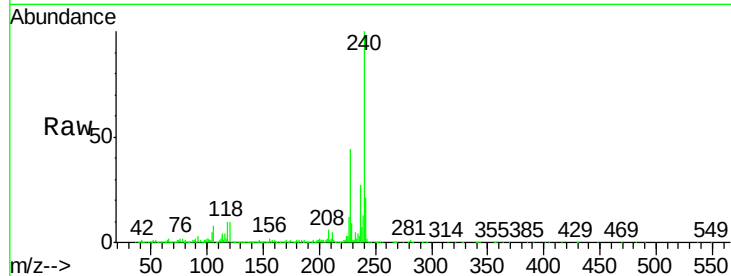
Tot Ion:240 Resp: 1133038

Ion Ratio Lower Upper

240 100

120 10.3 4.1 6.1#

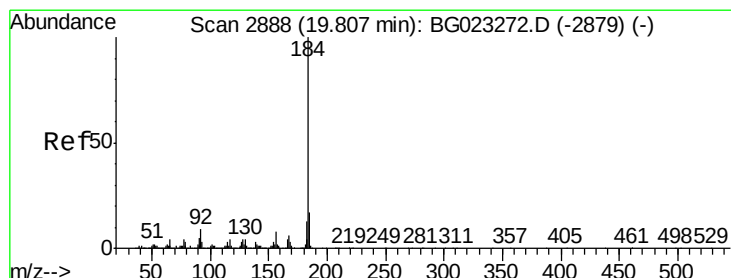
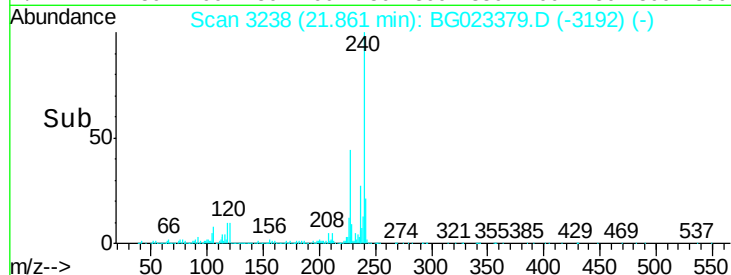
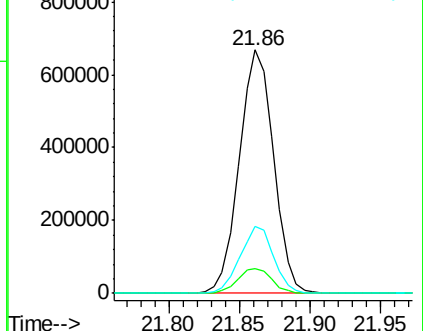
236 27.4 21.1 31.7



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: 59.07 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

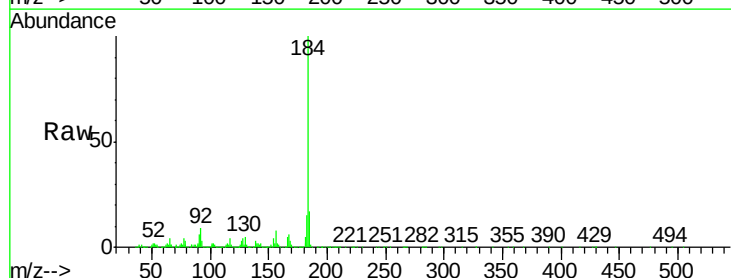
Tgt Ion:184 Resp: 1882429

Ion Ratio Lower Upper

184 100

185 16.6 12.6 19.0

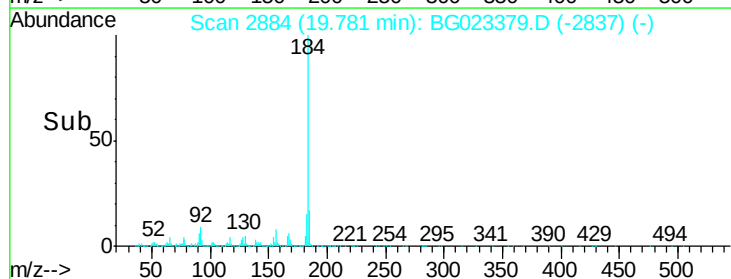
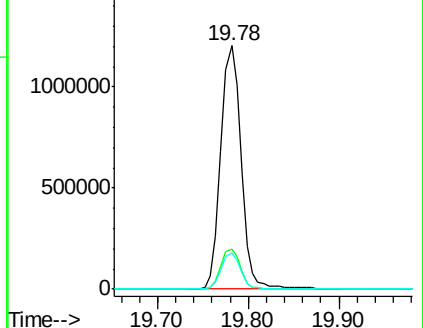
183 14.8 10.7 16.1

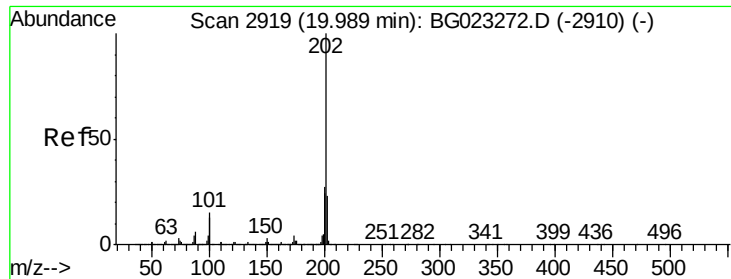


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

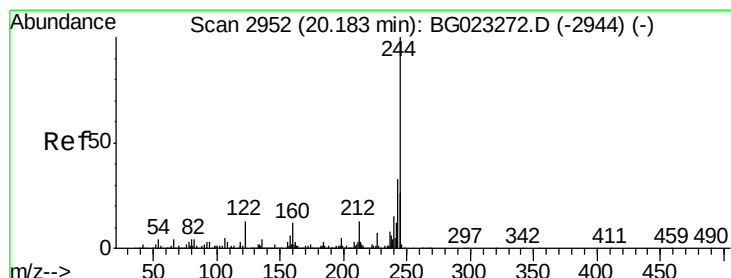
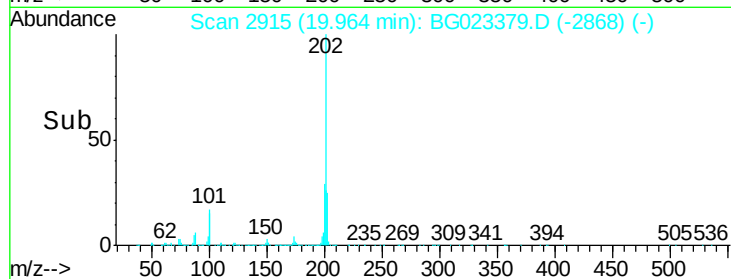
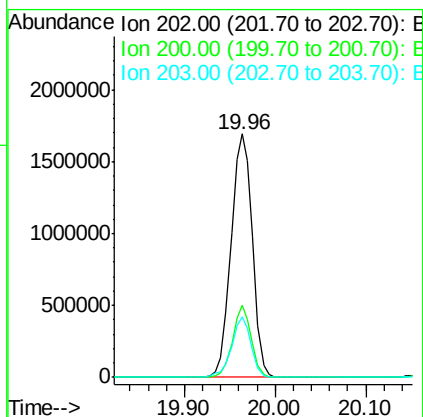
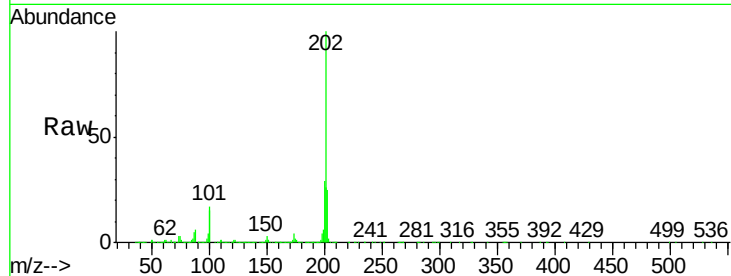




#77
Pvrene
Concen: 42.92 ng
RT: 19.96 min Scan# 2915
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

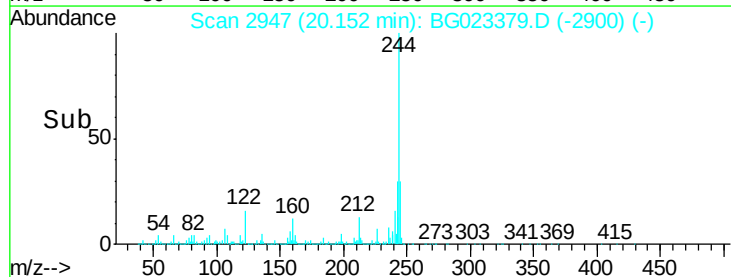
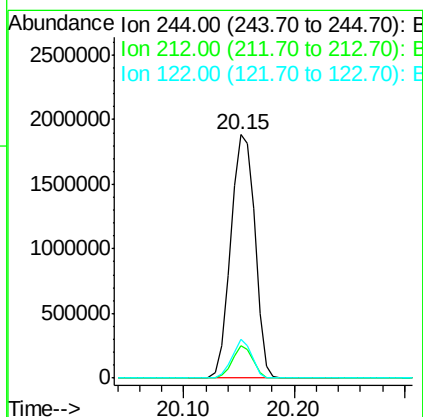
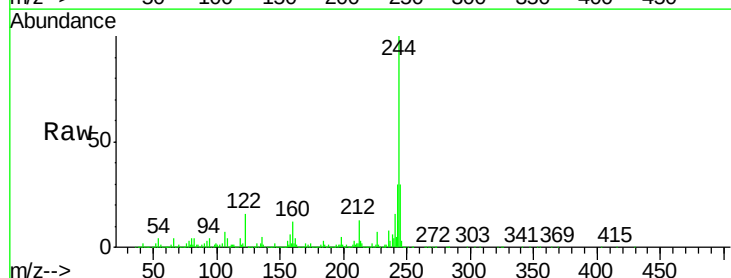
Instrument :
BNA_G
ClientSampleId :

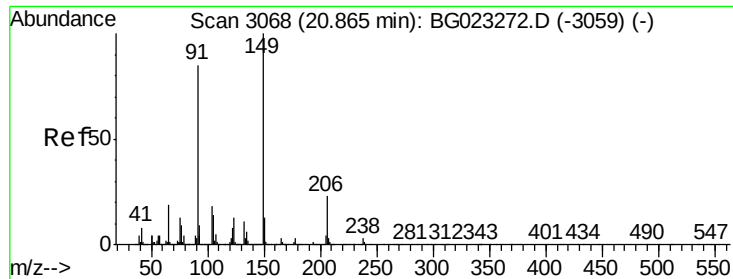
Tot Ion:202 Resp: 2759828
Ion Ratio Lower Upper
202 100
200 29.4 21.2 31.8
203 24.9 16.8 25.2



#78
Terphenyl-d14
Concen: 83.16 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion:244 Resp: 2898644
Ion Ratio Lower Upper
244 100
212 13.3 10.8 16.2
122 16.1 8.0 12.0#

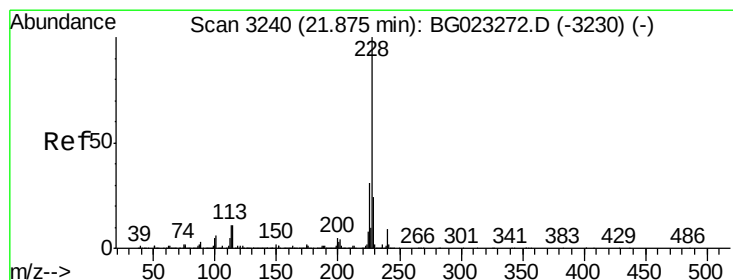
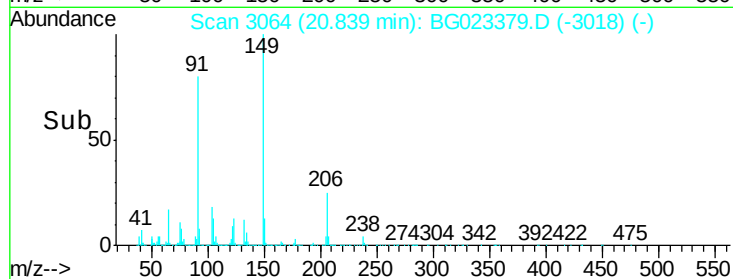
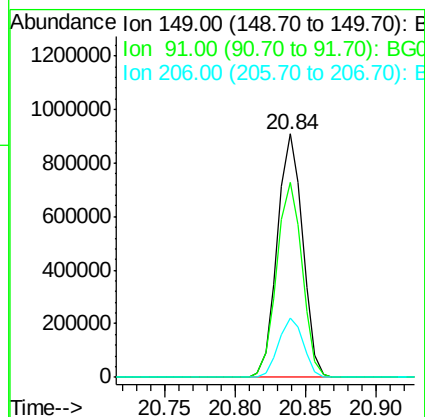
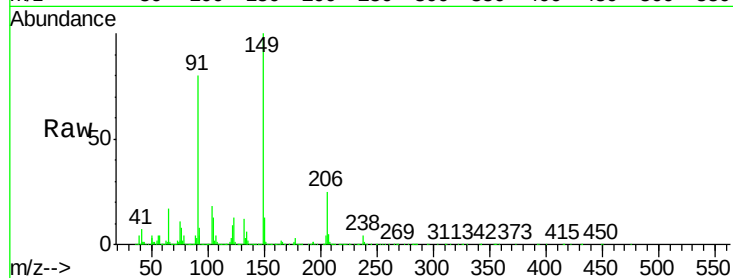




#79
Butylbenzylphthalate
Concen: 40.45 ng
RT: 20.84 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

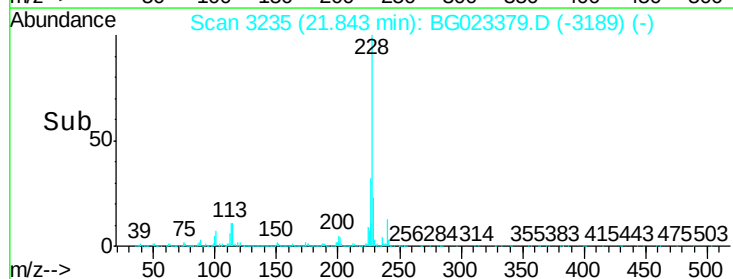
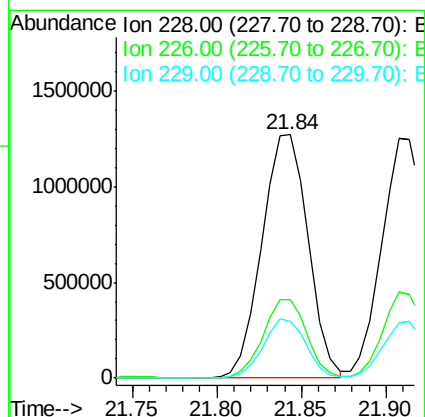
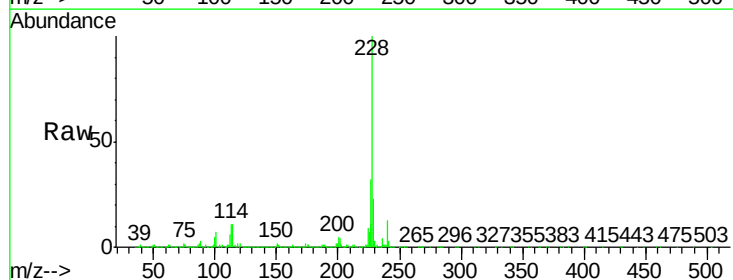
Instrument :
BNA_G
ClientSampleId :

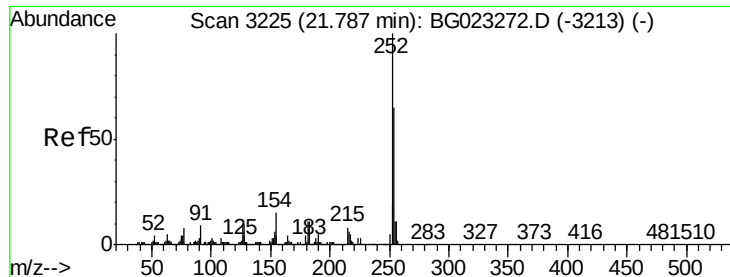
Tot Ion:149 Resp: 1144284
Ion Ratio Lower Upper
149 100
91 80.1 68.1 102.1
206 24.6 19.8 29.6



#80
Benzo(a)anthracene
Concen: 40.36 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.03 min
Lab File: BG023379.D
Acq: 31 Jul 2016 22:20

Tgt Ion:228 Resp: 2394244
Ion Ratio Lower Upper
228 100
226 32.3 25.3 37.9
229 23.4 19.9 29.9

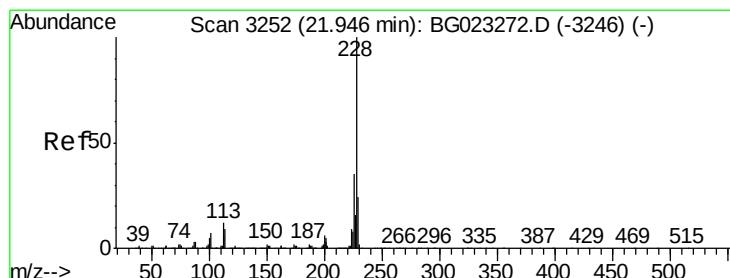
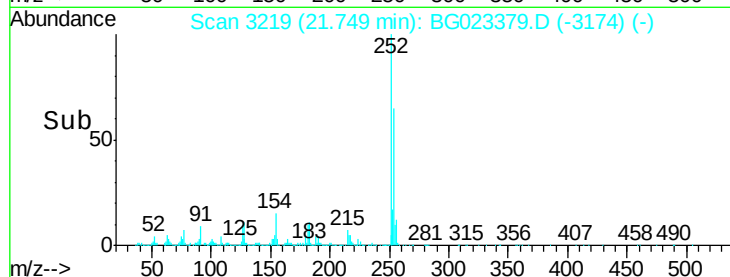
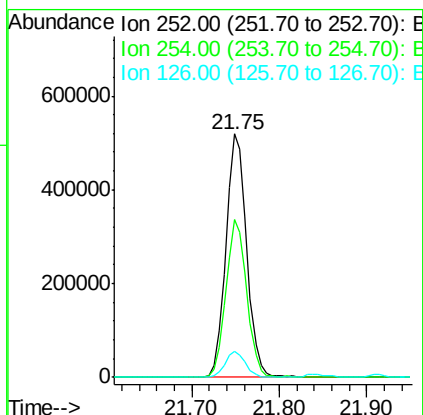
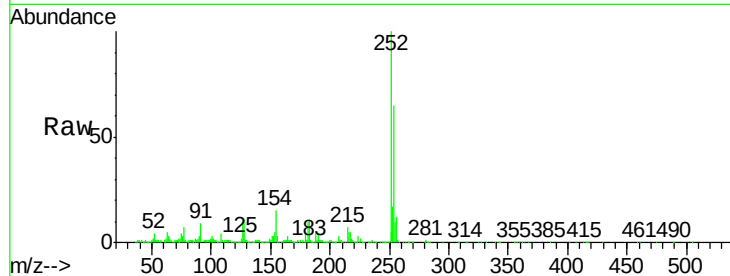




#81
 3,3'-Dichlorobenzidine
 Concen: 35.17 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

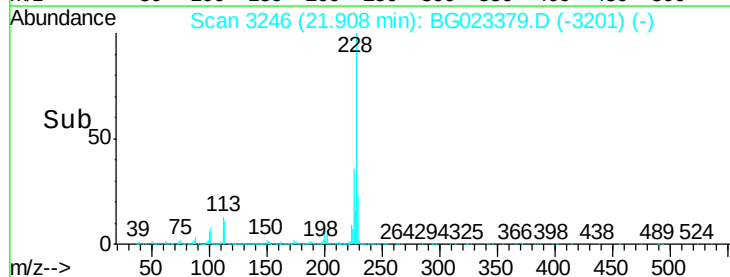
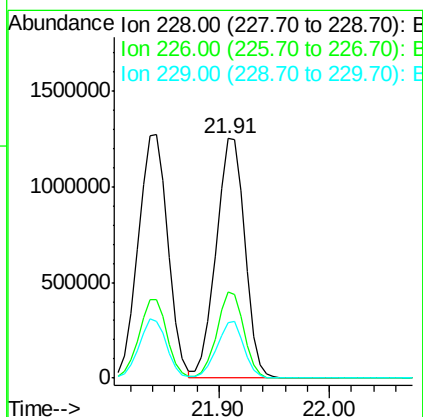
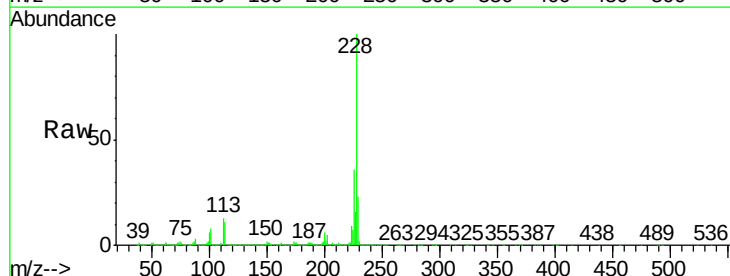
Instrument :
 BNA_G
 ClientSampleId :

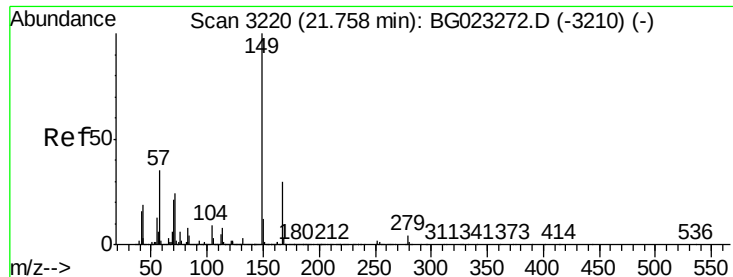
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.2	76.8
126	10.5	5.3	7.9



#82
 Chrysene
 Concen: 39.53 ng
 RT: 21.91 min Scan# 3246
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.9	26.7	40.1
229	23.3	17.4	26.2

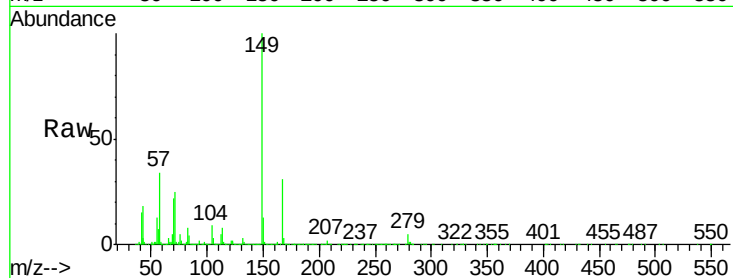




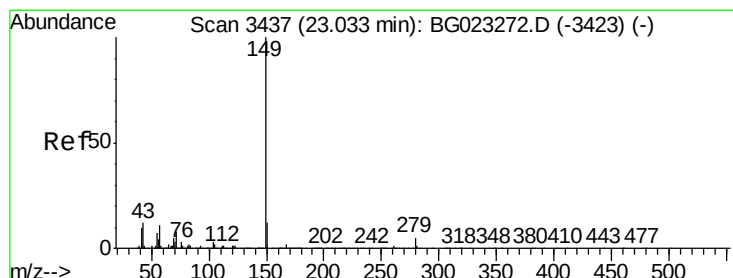
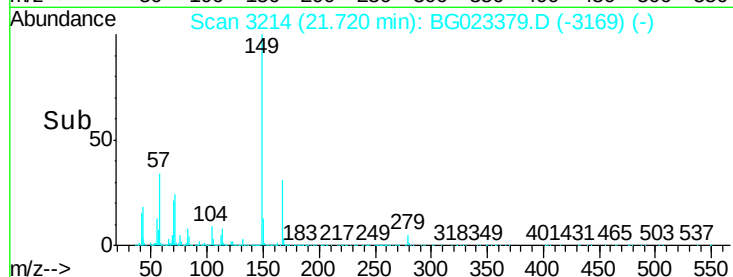
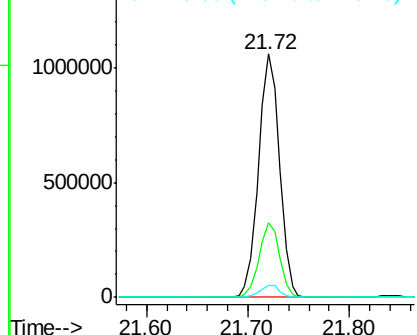
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.46 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.03 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 1522393
 Ion Ratio Lower Upper
 149 100
 167 30.9 24.0 36.0
 279 4.9 4.8 7.2

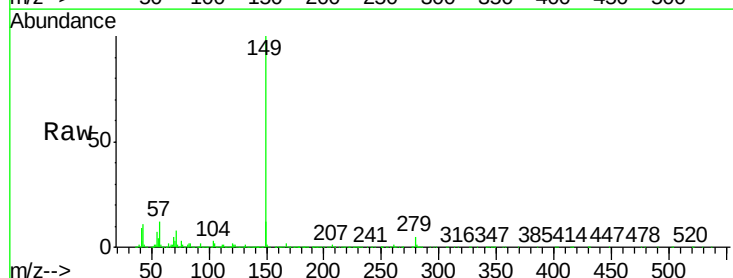


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

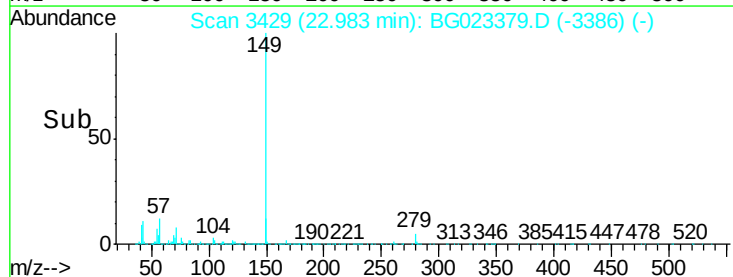
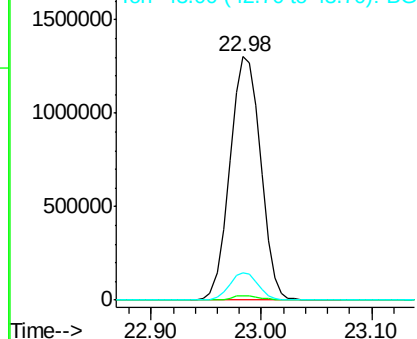


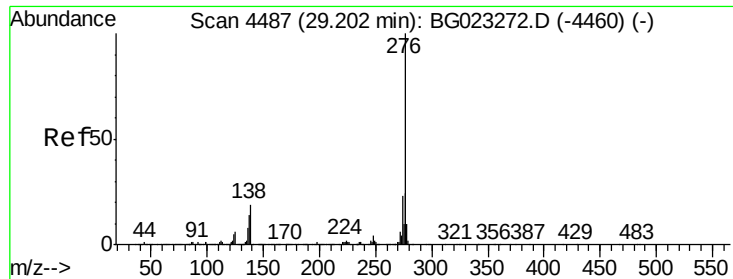
#84
 Di-n-octyl phthalate
 Concen: 39.15 ng
 RT: 22.98 min Scan# 3429
 Delta R.T. -0.05 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion:149 Resp: 2534777
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.6 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO

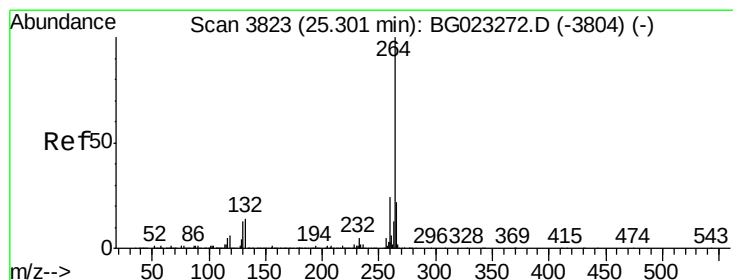
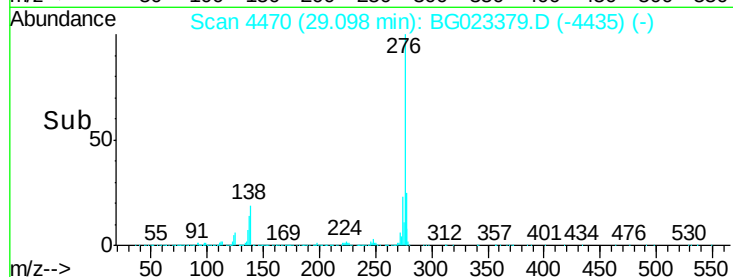
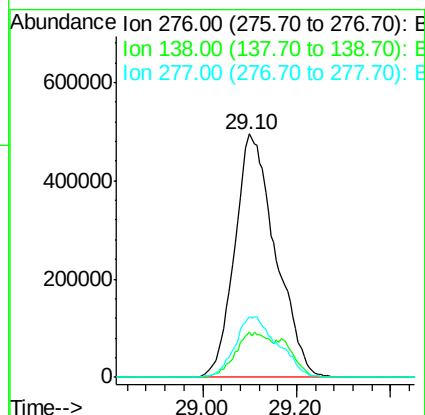
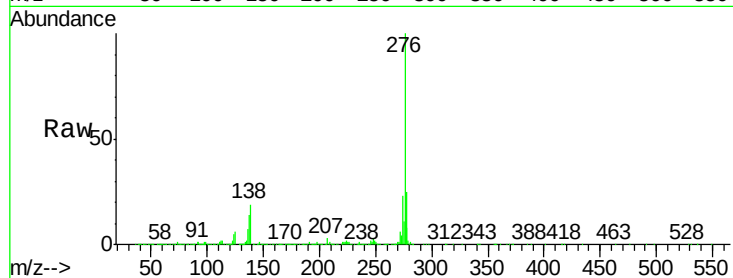




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.49 ng
 RT: 29.10 min Scan# 4470
 Delta R.T. -0.09 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

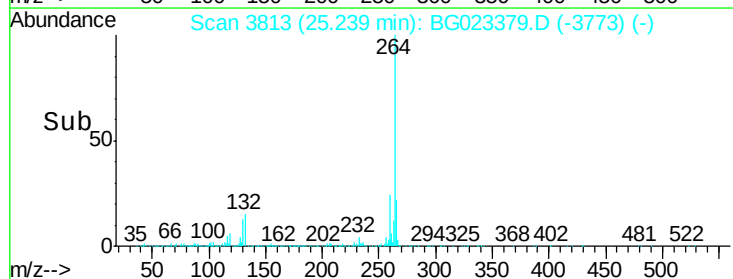
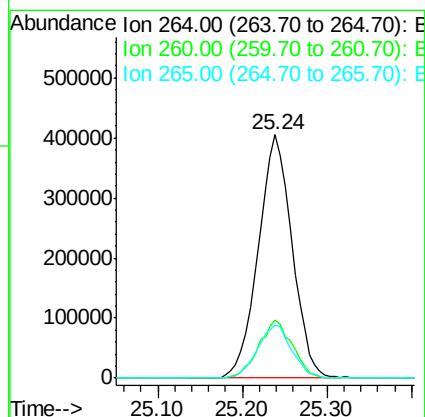
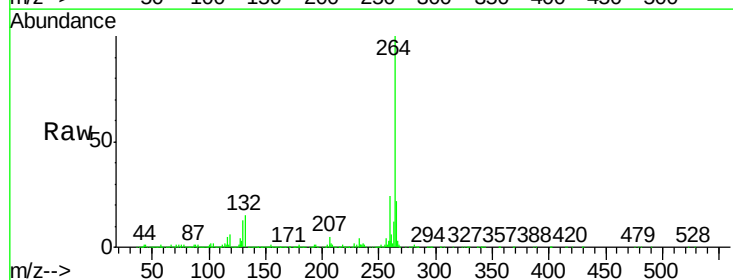
Instrument :
 BNA_G
 ClientSampleId :

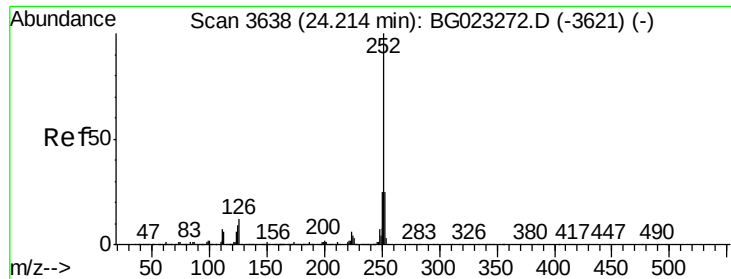
Tot Ion:276 Resp: 2974499
 Ion Ratio Lower Upper
 276 100
 138 8.0 0.0 0.0#
 277 26.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. -0.06 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Tgt Ion:264 Resp: 1127117
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.9 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 42.37 ng

RT: 24.16 min Scan# 3630

Delta R.T. -0.05 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampleId :

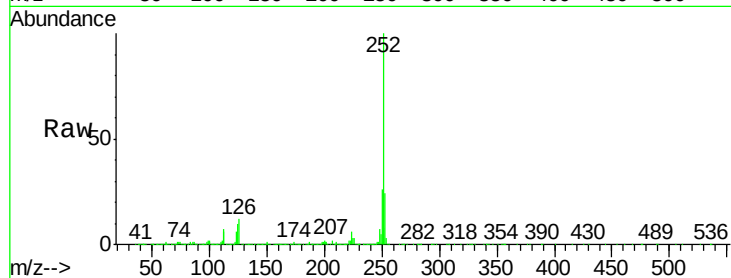
Tot Ion:252 Resp: 2537075

Ion Ratio Lower Upper

252 100

253 24.0 18.9 28.3

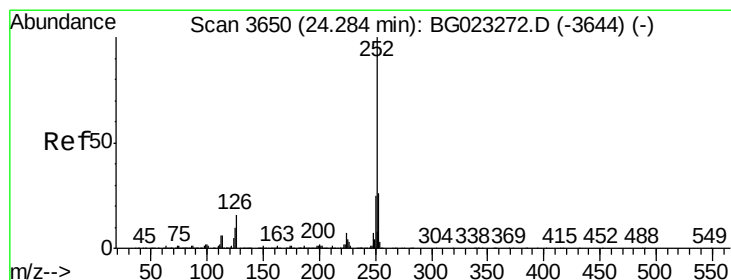
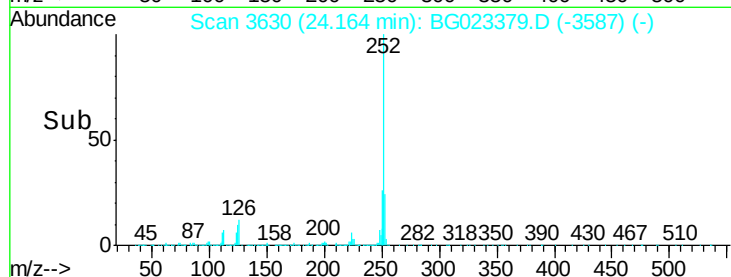
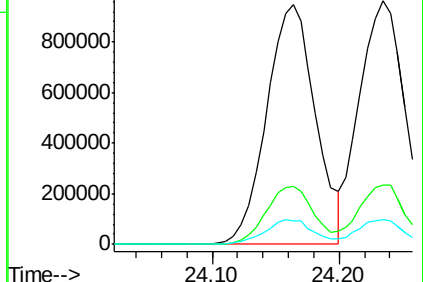
125 9.6 3.9 5.9#



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: 39.93 ng

RT: 24.23 min Scan# 3642

Delta R.T. -0.05 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

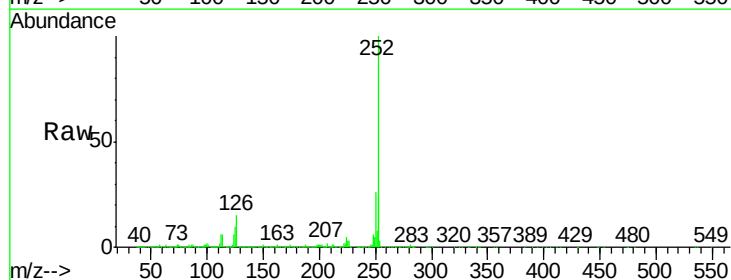
Tgt Ion:252 Resp: 2390242

Ion Ratio Lower Upper

252 100

253 24.2 18.8 28.2

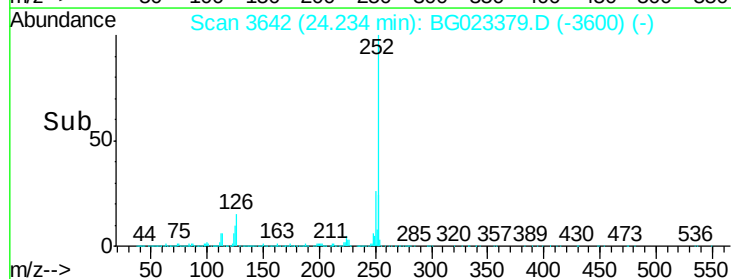
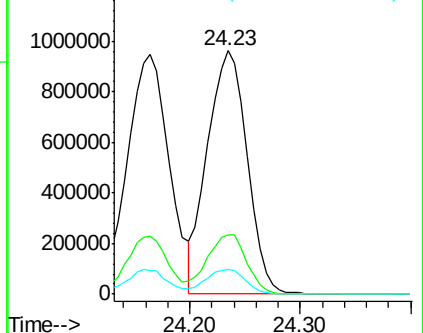
125 10.1 3.2 4.8#

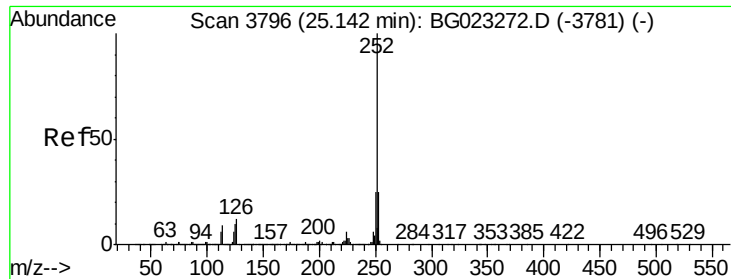


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.60 ng

RT: 25.08 min Scan# 3786

Delta R.T. -0.05 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

Instrument :

BNA_G

ClientSampled :

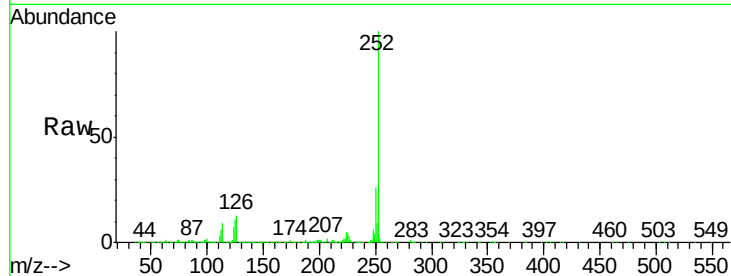
Tot Ion:252 Resp: 2441007

Ion Ratio Lower Upper

252 100

253 23.6 18.7 28.1

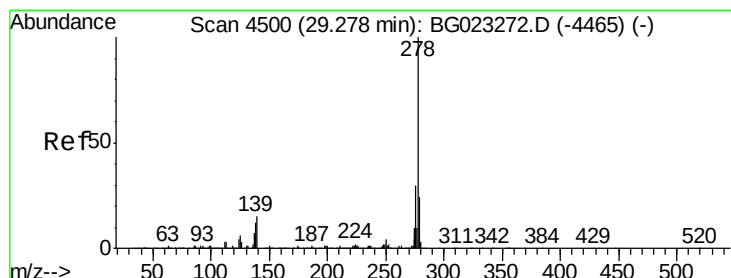
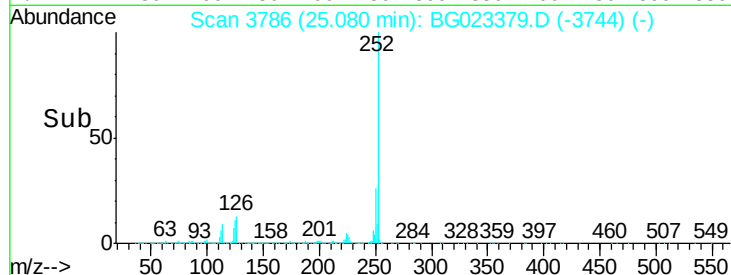
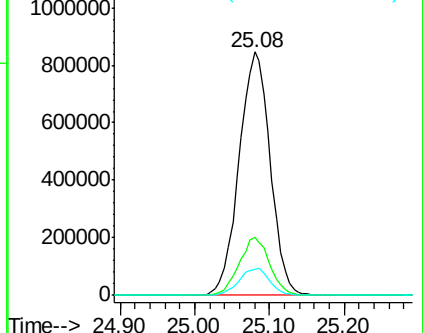
125 10.6 3.9 5.9#



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: 44.16 ng

RT: 29.18 min Scan# 4484

Delta R.T. -0.08 min

Lab File: BG023379.D

Acq: 31 Jul 2016 22:20

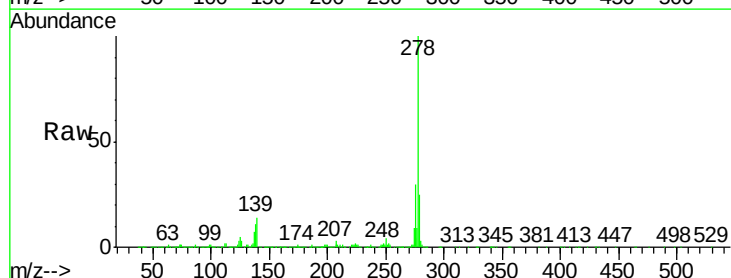
Tgt Ion:278 Resp: 2450783

Ion Ratio Lower Upper

278 100

139 14.5 4.7 7.1#

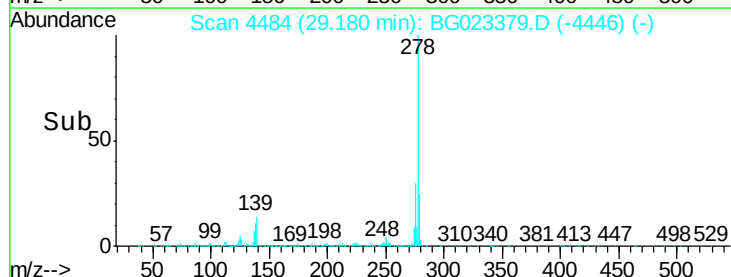
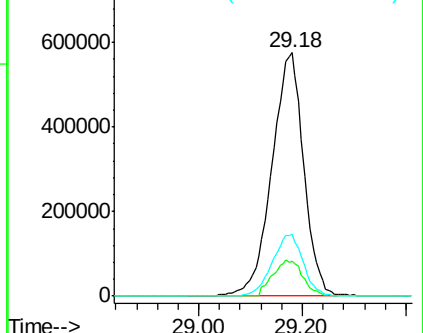
279 25.2 18.3 27.5

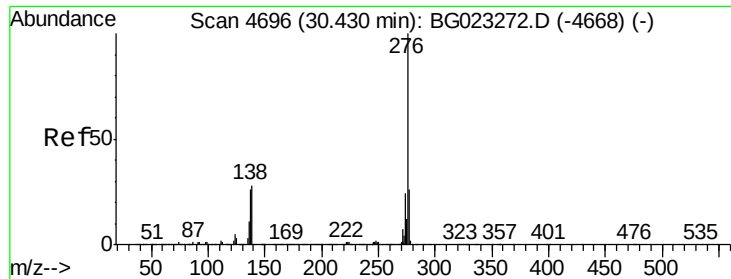


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.94 ng
 RT: 30.33 min Scan# 4679
 Delta R.T. -0.09 min
 Lab File: BG023379.D
 Acq: 31 Jul 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 2450584

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	19.5	6.8	10.2

