

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022979.D
 Acq On : 10 Jul 2016 00:09
 Operator : UM/SJ
 Sample : H3935-14MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C3-5MS

Quant Time: Jul 11 04:53:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	95895	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	450060	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	367169	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	862509	20.00	ng	0.00
75) Chrysene-d12	21.85	240	922098	20.00	ng	0.00
86) Perylene-d12	25.20	264	964428	20.00	ng	0.02

SOHIL

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	679103	115.82	ng	0.00
7) Phenol-d6	7.30	99	1116888	121.62	ng	0.00
23) Nitrobenzene-d5	9.33	82	799206	76.04	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	643617	97.53	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1710087	73.36	ng	0.00
78) Terphenyl-d14	20.15	244	2482435	85.63	ng	0.00

7/11/2016 6:46:59 AM

Target Compounds

						Qvalue
3) Pyridine	3.97	79	196354	25.18	ng	98
4) n-Nitrosodimethylamine	3.88	42	115142	34.41	ng	# 99
6) Aniline	7.47	93	438438	34.45	ng	99
8) 2-Chlorophenol	7.72	128	259837	41.64	ng	99
9) Benzaldehyde	7.28	77	188997	30.80	ng	94
10) Phenol	7.33	94	422154	44.68	ng	94
11) bis(2-Chloroethyl)ether	7.56	93	274308	36.63	ng	99
12) 1,3-Dichlorobenzene	8.04	146	257143	33.67	ng	97
13) 1,4-Dichlorobenzene	8.19	146	267813	35.03	ng	97
14) 1,2-Dichlorobenzene	8.51	146	259700	34.16	ng	98
15) Benzyl Alcohol	8.39	79	372268	44.26	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	338465	37.00	ng	94
17) 2-Methylphenol	8.60	107	261585	42.53	ng	96
18) Hexachloroethane	9.24	117	111684	34.60	ng	93
19) n-Nitroso-di-n-propylamine	8.96	70	296654	35.83	ng	99
20) 3+4-Methylphenols	8.93	107	378313	44.10	ng	95
22) Acetophenone	8.98	105	489977	36.28	ng	# 93
24) Nitrobenzene	9.37	77	437425	39.17	ng	95
25) Isophorone	9.89	82	799143	37.80	ng	96
26) 2-Nitrophenol	10.08	139	168711	38.50	ng	92
27) 2,4-Dimethylphenol	10.14	122	307123	40.54	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	438089	37.16	ng	98
29) 2,4-Dichlorophenol	10.62	162	344093	42.59	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	340540	36.78	ng	99
31) Naphthalene	11.03	128	866784	37.83	ng	98
32) Benzoic acid	10.24	122	134491	19.51	ng	91
33) 4-Chloroaniline	11.14	127	346519	30.93	ng	95
34) Hexachlorobutadiene	11.31	225	255522	34.05	ng	97
35) Caprolactam	11.91	113	120790m	36.34	ng	
36) 4-Chloro-3-methylphenol	12.26	107	443335	40.12	ng	96
37) 2-Methylnaphthalene	12.63	142	714343	39.45	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	473184	29.91	ng	99
40) Hexachlorocyclopentadiene	12.97	237	591045	64.89	ng	99
42) 2,4,6-Trichlorophenol	13.23	196	336784	37.03	ng	98

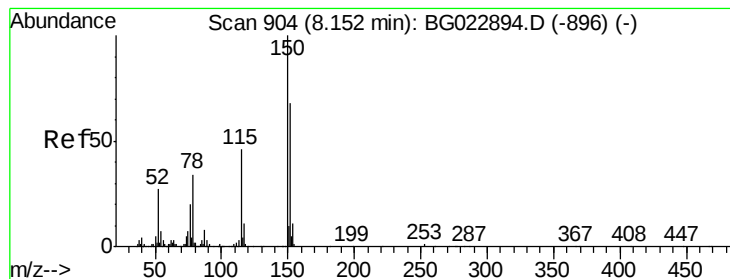
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022979.D
 Acq On : 10 Jul 2016 00:09
 Operator : UM/SJ
 Sample : H3935-14MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C3-5MS

Quant Time: Jul 11 04:53:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.30	196	359998	38.55	ng	92
45) 1,1'-Biphenyl	13.63	154	1006830	36.55	ng	98
46) 2-Chloronaphthalene	13.67	162	835118	37.37	ng	98
47) 2-Nitroaniline	13.88	65	355428	37.27	ng	91
48) Acenaphthylene	14.52	152	1246268	37.18	ng	98
49) Dimethylphthalate	14.24	163	1397687	46.60	ng	97
50) 2,6-Dinitrotoluene	14.37	165	261068	38.73	ng	94
51) Acenaphthene	14.86	154	830569	37.91	ng	95
52) 3-Nitroaniline	14.70	138	219038	32.59	ng	86
53) 2,4-Dinitrophenol	14.91	184	285912	61.82	ng	88
54) Dibenzofuran	15.20	168	1322045	40.32	ng	100
55) 4-Nitrophenol	15.01	139	399912	70.98	ng	95
56) 2,4-Dinitrotoluene	15.15	165	375083	38.17	ng	96
57) Fluorene	15.85	166	1069870	37.91	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	376627	40.31	ng	98
59) Diethylphthalate	15.60	149	1160563	38.03	ng	95
60) 4-Chlorophenyl-phenylether	15.83	204	628892	36.59	ng	100
61) 4-Nitroaniline	15.87	138	244088	33.56	ng	# 83
62) Azobenzene	16.12	77	1259543	43.15	ng	94
64) 4,6-Dinitro-2-methylphenol	15.92	198	236767	36.93	ng	92
65) n-Nitrosodiphenylamine	16.05	169	986594	39.70	ng	99
66) 4-Bromophenyl-phenylether	16.73	248	423048	37.70	ng	96
67) Hexachlorobenzene	16.85	284	445039	36.48	ng	98
68) Atrazine	16.99	200	399725	36.26	ng	97
69) Pentachlorophenol	17.20	266	559813	70.85	ng	97
70) Phenanthrene	17.60	178	1665115	39.39	ng	97
71) Anthracene	17.69	178	1706431	39.87	ng	98
72) Carbazole	17.96	167	1476542	39.92	ng	97
73) Di-n-butylphthalate	18.50	149	1752163	42.60	ng	99
74) Fluoranthene	19.60	202	1960318	37.79	ng	98
76) Benzidine	19.78	184	1580335	59.78	ng	98
77) Pyrene	19.97	202	1955719	37.74	ng	99
79) Butylbenzylphthalate	20.84	149	842316	41.04	ng	96
80) Benzo(a)anthracene	21.83	228	2075282	40.23	ng	98
81) 3,3'-Dichlorobenzidine	21.74	252	631222	27.87	ng	98
82) Chrysene	21.90	228	1933265	39.95	ng	99
83) Bis(2-ethylhexyl)phthalate	21.71	149	1167628	40.97	ng	98
84) Di-n-octyl phthalate	22.96	149	1963216	41.31	ng	98
85) Indeno(1,2,3-cd)pyrene	29.06	276	2454067	39.77	ng	# 100
87) Benzo(b)fluoranthene	24.13	252	2200280m	39.54	ng	
88) Benzo(k)fluoranthene	24.21	252	2108738	39.94	ng	# 98
89) Benzo(a)pyrene	25.04	252	2166784	40.62	ng	# 99
90) Dibenzo(a,h)anthracene	29.11	278	2040054	38.54	ng	# 94
91) Benzo(g,h,i)perylene	30.26	276	2040200	38.48	ng	# 94

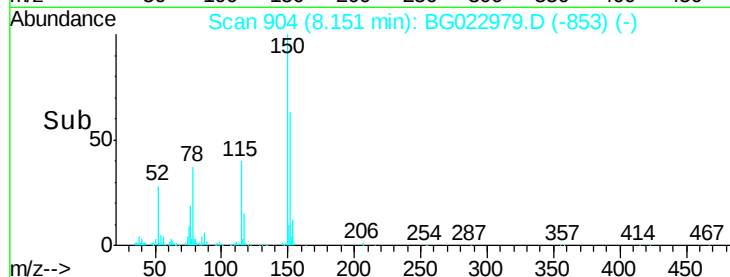
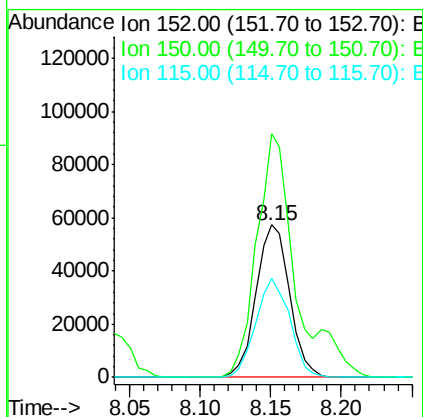
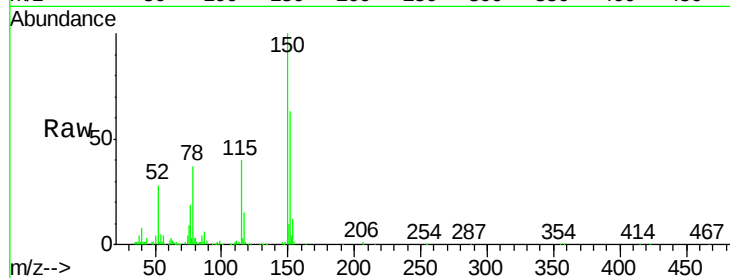
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG022979.D
 Acq: 10 Jul 2016 00:09

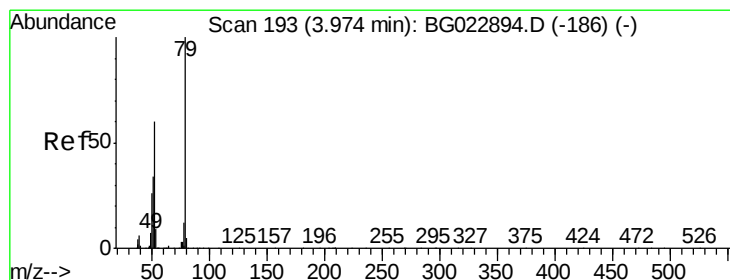
Instrument :
 BNA_G
 ClientSampleId :
 C3-5MS

Tgt Ion:152 Resp: 95895
 Ion Ratio Lower Upper
 152 100
 150 159.6 144.7 217.1
 115 64.6 64.0 96.0



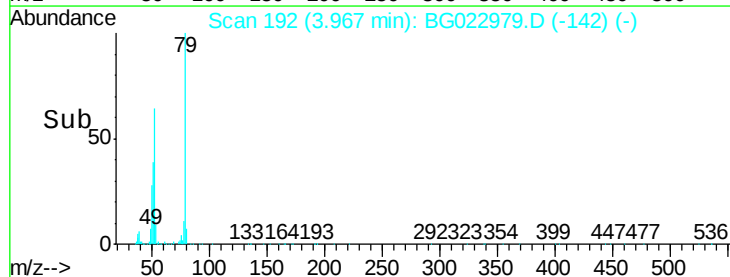
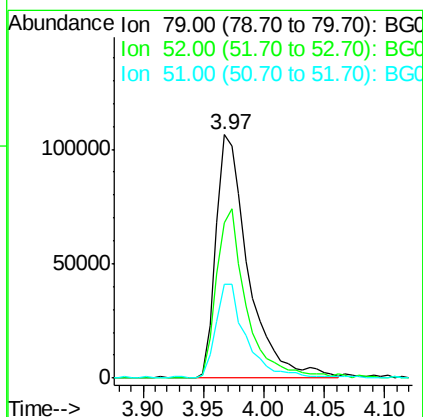
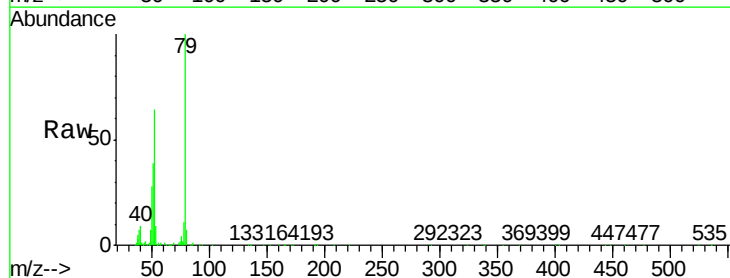
SOHIL

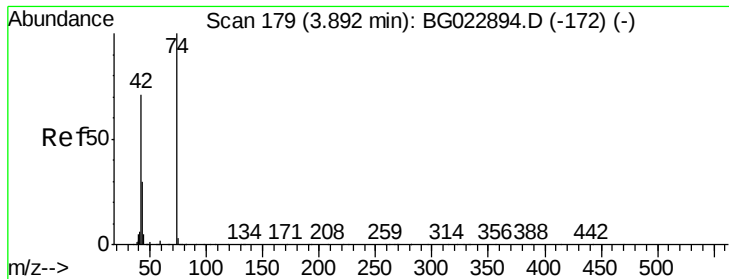
7/11/2016 6:46:59 AM



#3
 Pyridine
 Concen: 25.18 ng
 RT: 3.97 min Scan# 192
 Delta R.T. -0.01 min
 Lab File: BG022979.D
 Acq: 10 Jul 2016 00:09

Tgt Ion: 79 Resp: 196354
 Ion Ratio Lower Upper
 79 100
 52 63.9 51.8 77.8
 51 38.8 32.7 49.1





#4

n-Nitrosodimethylamine

Concen: 34.41 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

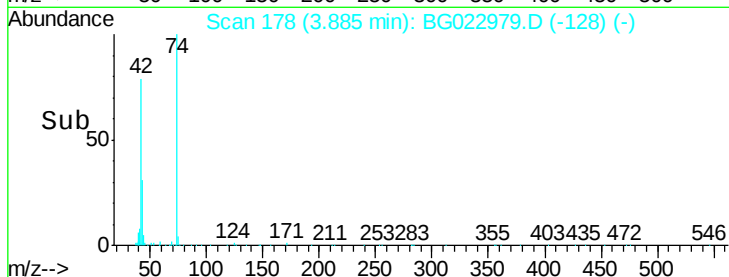
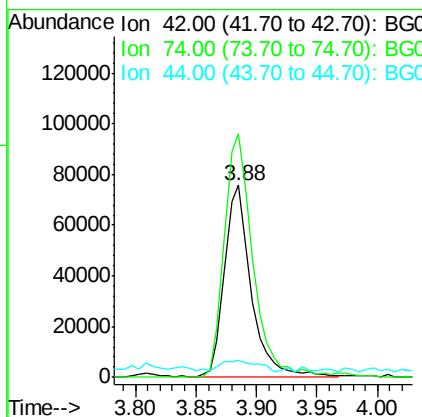
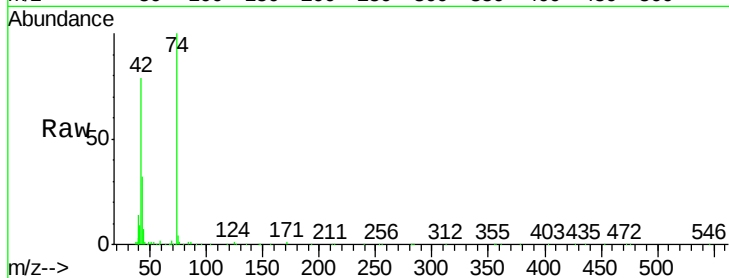
Instrument :

BNA_G

ClientSampleId :

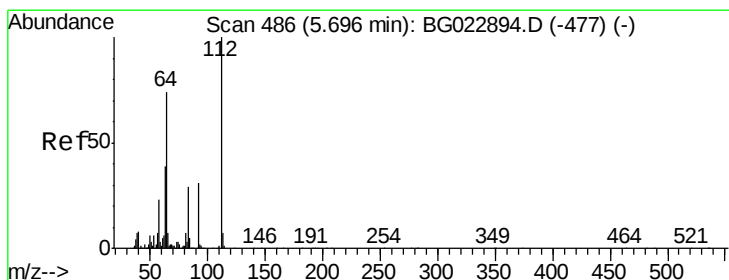
C3-5MS

Tgt Ion:	42	Resp:	115142
Ion	Ratio	Lower	Upper
42	100		
74	126.9	100.6	150.8
44	9.1	4.5	6.7#



SOHIL

7/11/2016 6:46:59 AM



#5

2-Fluorophenol

Concen: 115.82 ng

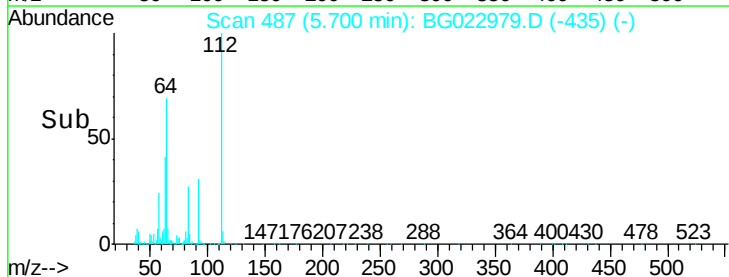
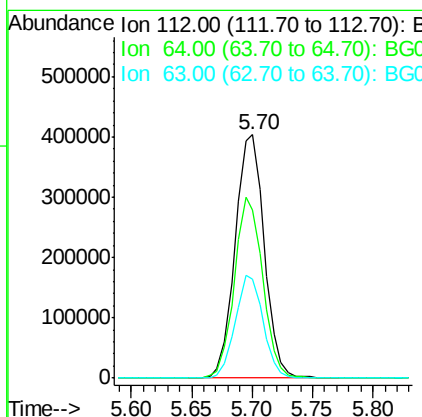
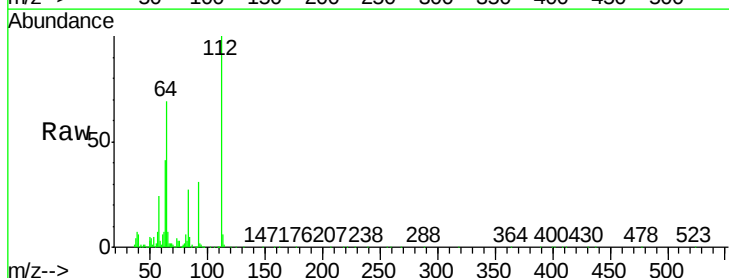
RT: 5.70 min Scan# 487

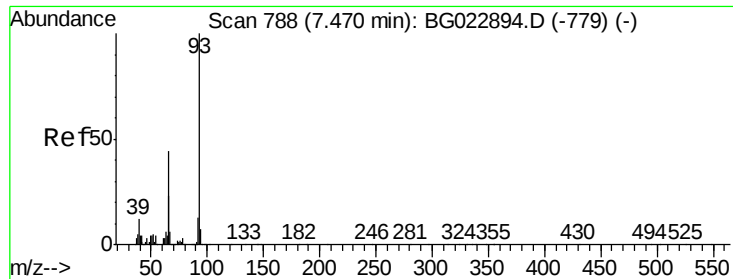
Delta R.T. 0.01 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Tgt Ion:	112	Resp:	679103
Ion	Ratio	Lower	Upper
112	100		
64	69.1	59.0	88.4
63	40.7	37.8	56.8





#6

Aniline

Concen: 34.45 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

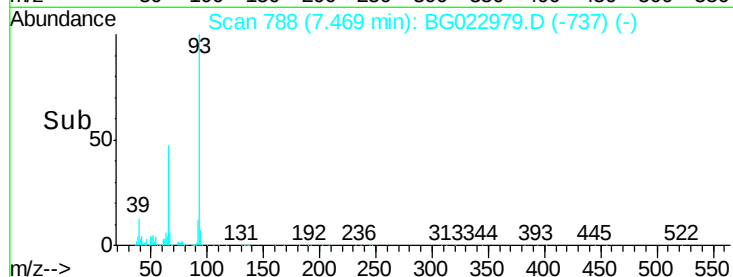
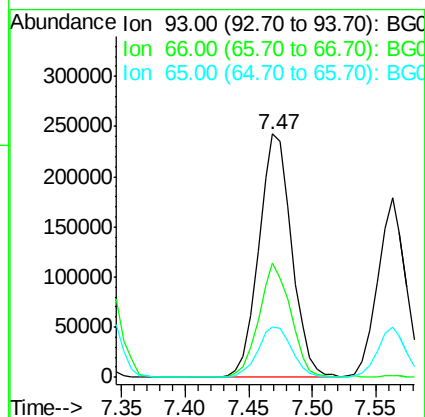
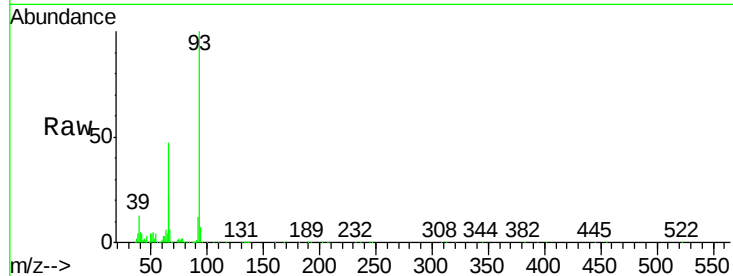
Instrument :

BNA_G

ClientSampleId :

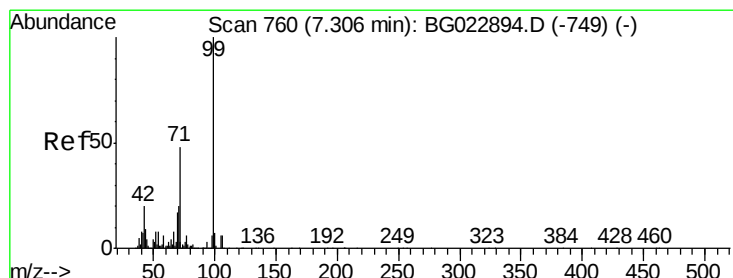
C3-5MS

Tgt Ion:	93	Resp:	438438
Ion	Ratio	Lower	Upper
93	100		
66	46.9	37.5	56.3
65	20.7	17.9	26.9



SOHIL

7/11/2016 6:46:59 AM



#7

Phenol-d6

Concen: 121.62 ng

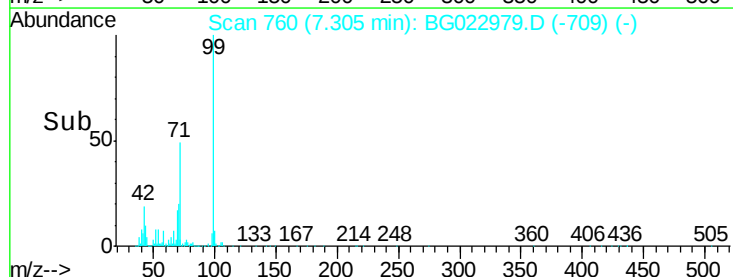
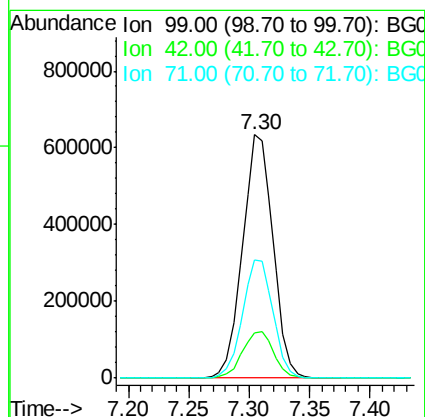
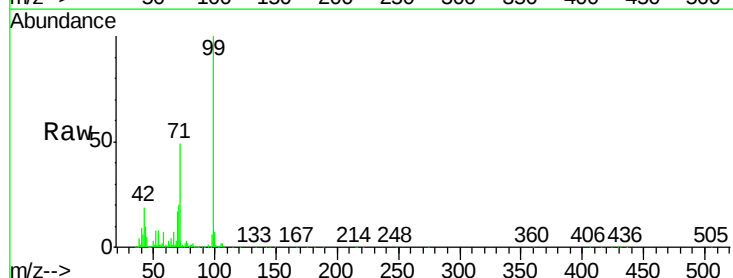
RT: 7.30 min Scan# 760

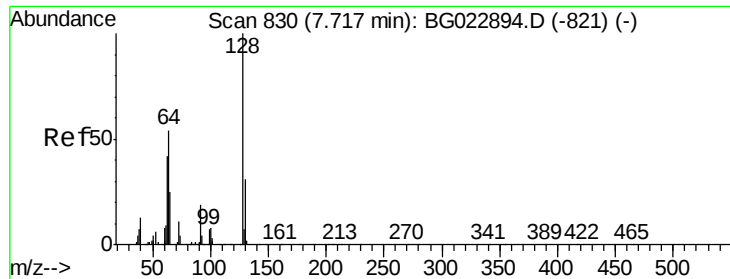
Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Tgt Ion:	99	Resp:	1116888
Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.8	26.6
71	48.5	41.5	62.3





#8

2-Chlorophenol

Concen: 41.64 ng

RT: 7.72 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

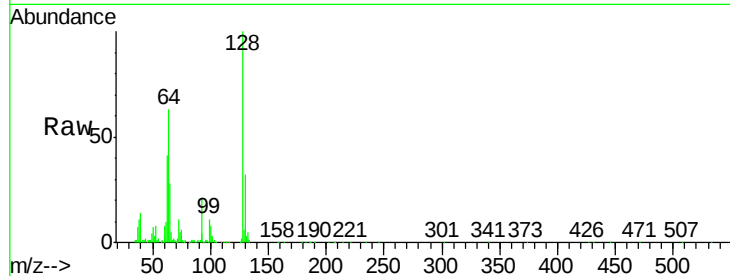
Instrument :

BNA_G

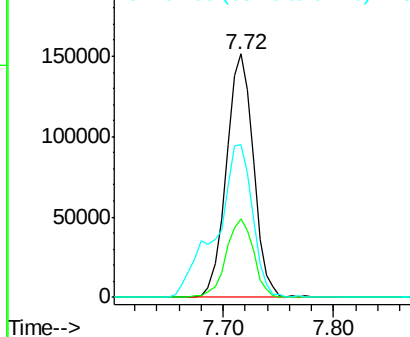
ClientSampleId :

C3-5MS

Tgt Ion:	128	Resp:	259837
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	62.9	42.0	82.0

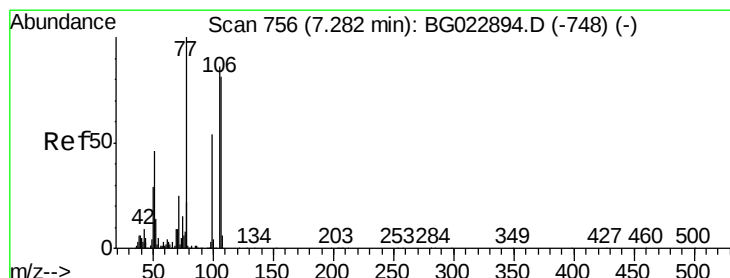
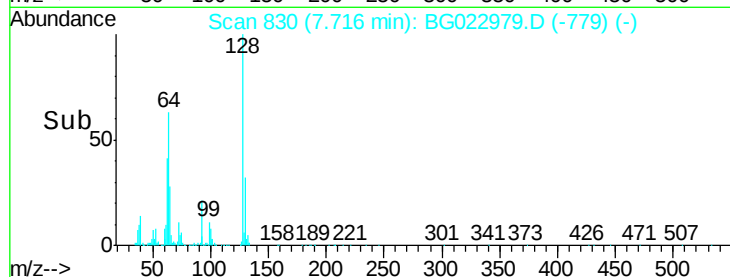


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



SOHIL

7/11/2016 6:46:59 AM



#9

Benzaldehyde

Concen: 30.80 ng

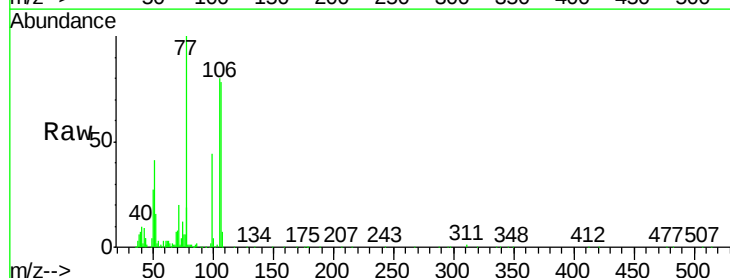
RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

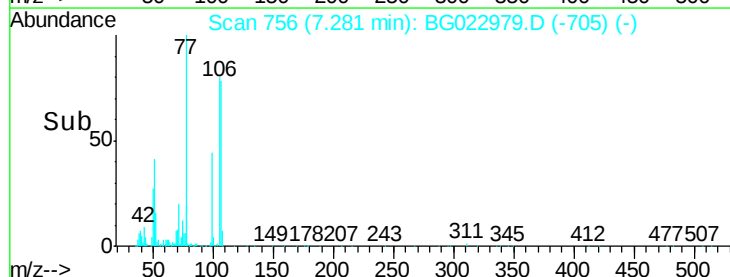
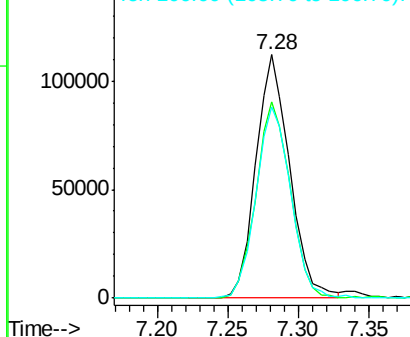
Lab File: BG022979.D

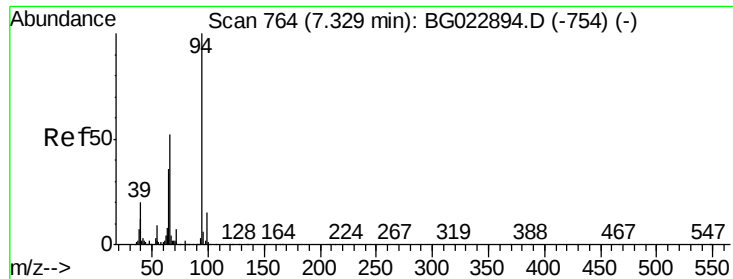
Acq: 10 Jul 2016 00:09

Tgt Ion:	77	Resp:	188997
Ion	Ratio	Lower	Upper
77	100		
105	80.4	58.7	98.7
106	78.3	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: 44.68 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Instrument :

BNA_G

ClientSampleId :

C3-5MS

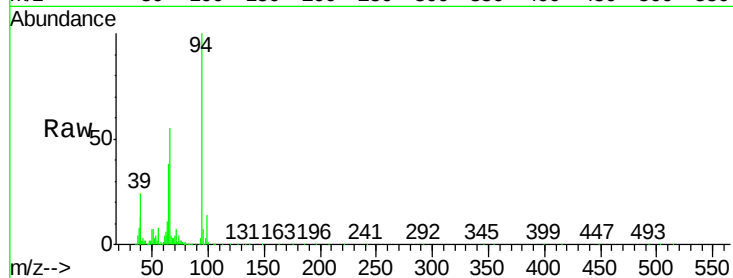
Tgt Ion: 94 Resp: 422154

Ion Ratio Lower Upper

94 100

65 38.2 18.1 58.1

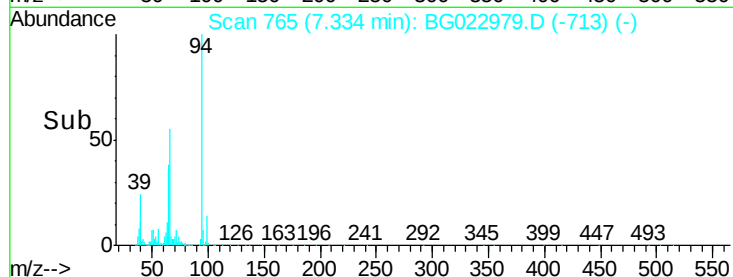
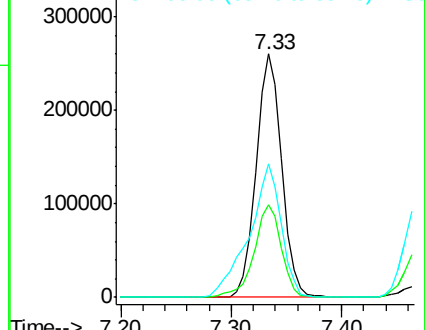
66 54.7 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

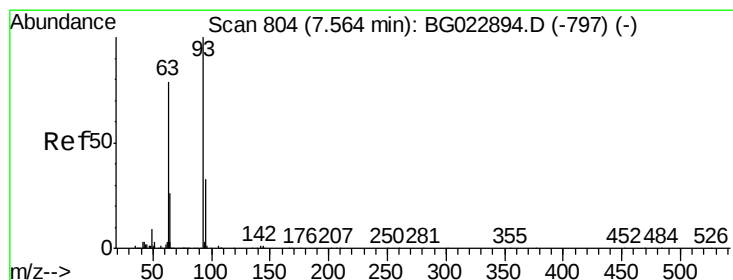
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



SOHIL

7/11/2016 6:46:59 AM



#11

bis(2-Chloroethyl)ether

Concen: 36.63 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

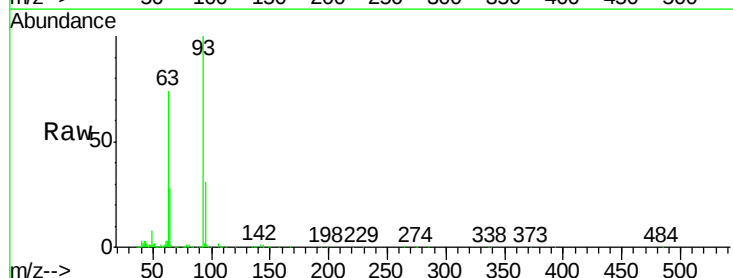
Tgt Ion: 93 Resp: 274308

Ion Ratio Lower Upper

93 100

63 74.4 55.0 95.0

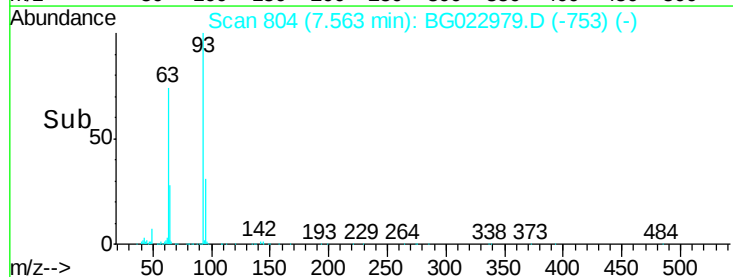
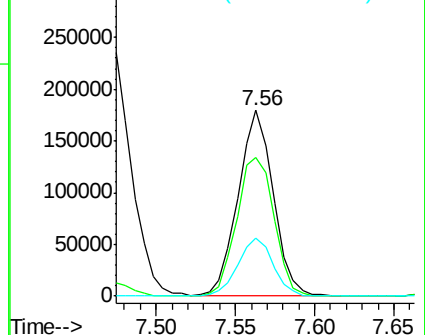
95 30.9 11.0 51.0

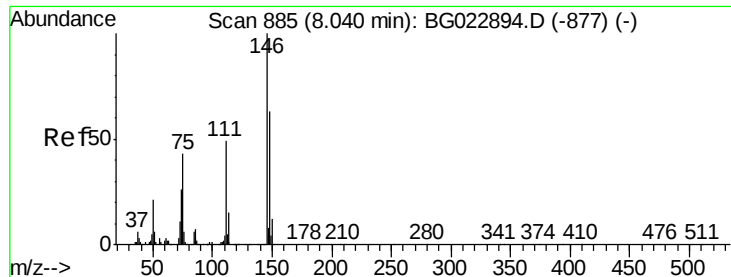


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 33.67 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

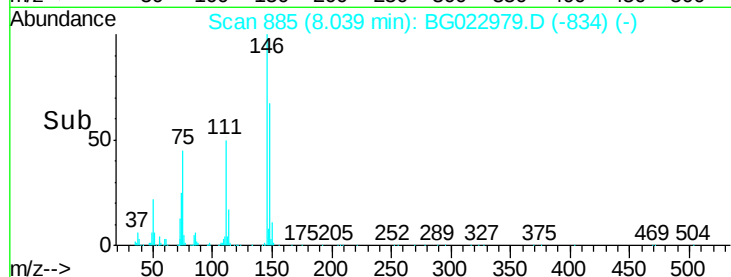
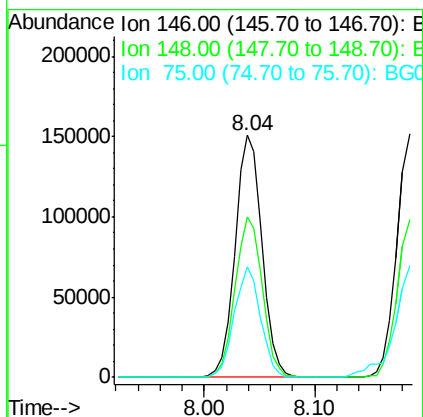
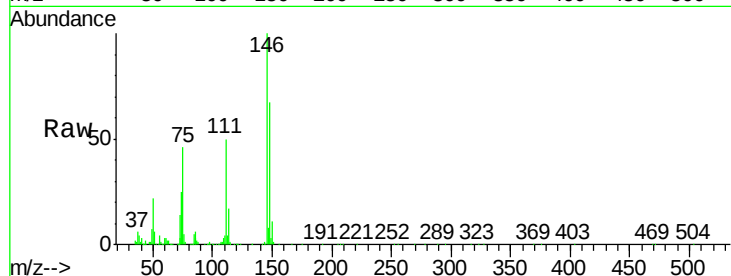
Instrument :

BNA_G

ClientSampleId :

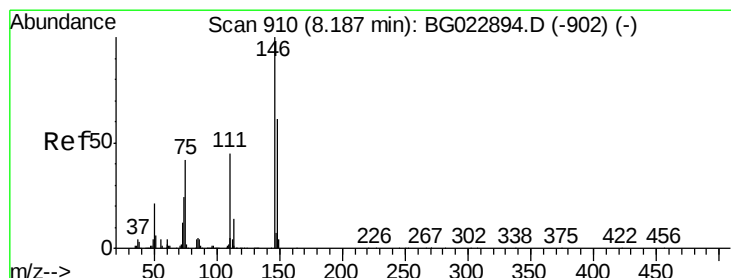
C3-5MS

Tgt Ion:	146	Resp:	257143
Ion Ratio	Lower	Upper	
146	100		
148	66.6	50.3	75.5
75	45.6	37.0	55.6



SOHIL

7/11/2016 6:46:59 AM



#13

1,4-Dichlorobenzene

Concen: 35.03 ng

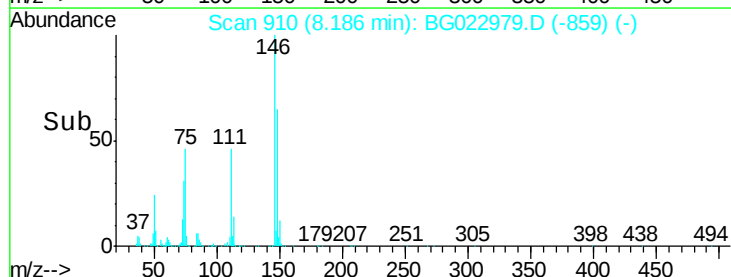
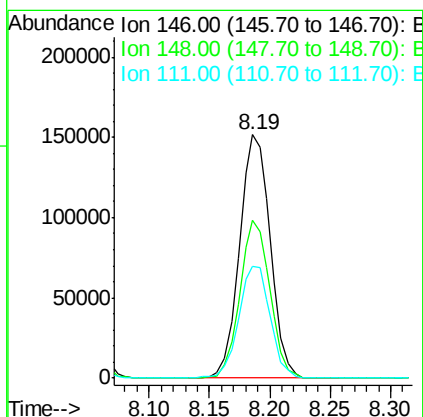
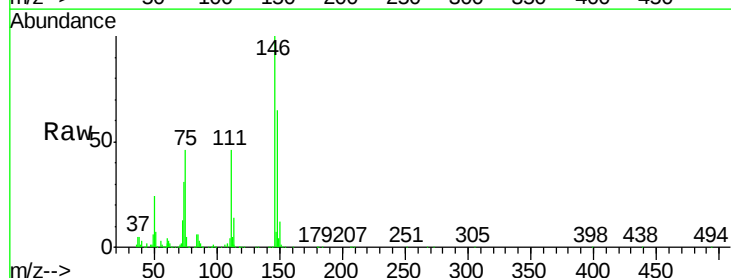
RT: 8.19 min Scan# 910

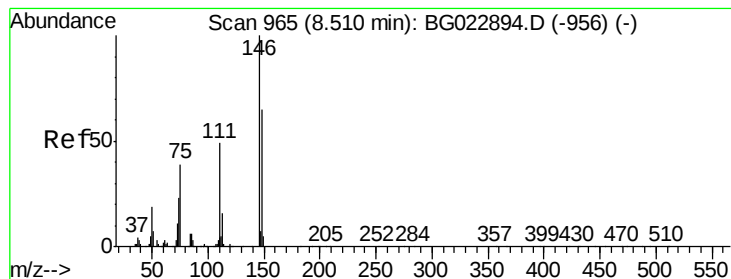
Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Tgt Ion:	146	Resp:	267813
Ion Ratio	Lower	Upper	
146	100		
148	64.6	54.5	81.7
111	45.9	37.8	56.8

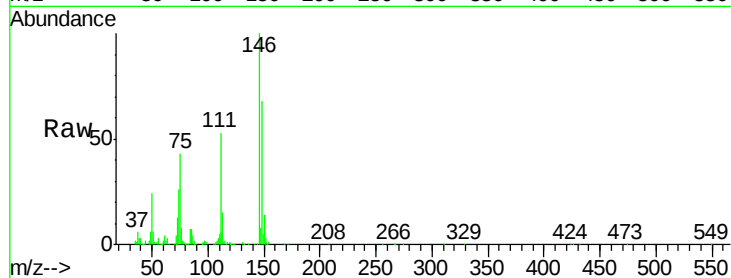




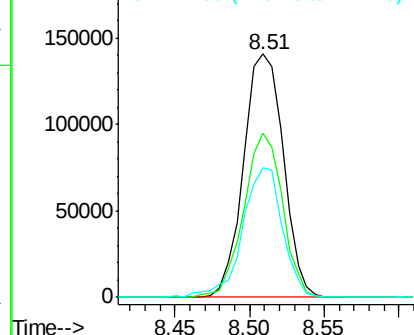
#14
 1,2-Dichlorobenzene
 Concen: 34.16 ng
 RT: 8.51 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG022979.D
 Acq: 10 Jul 2016 00:09

Instrument :
 BNA_G
 ClientSampleId :
 C3-5MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	52.9	79.3
111	53.0	43.5	65.3

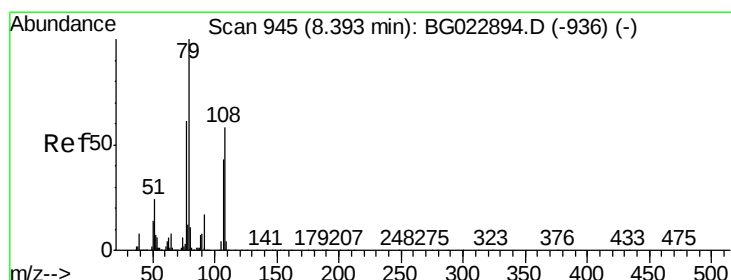
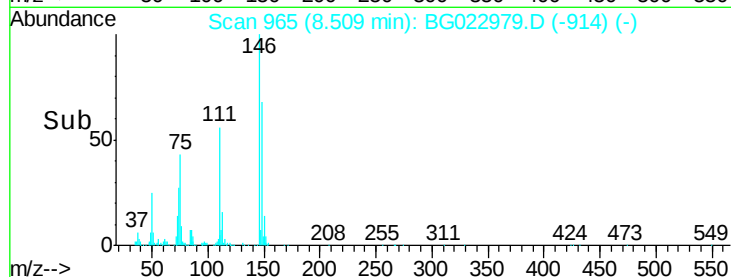


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



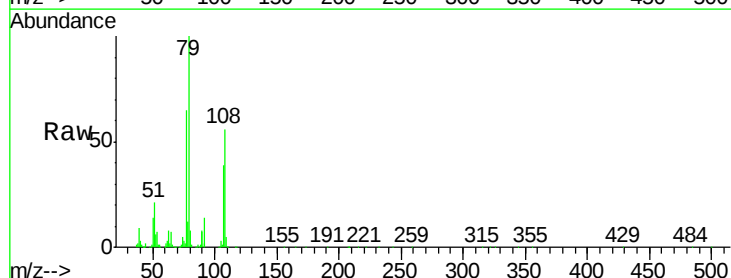
SOHIL

7/11/2016 6:46:59 AM

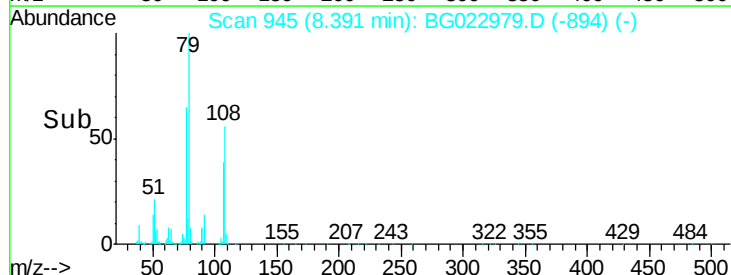
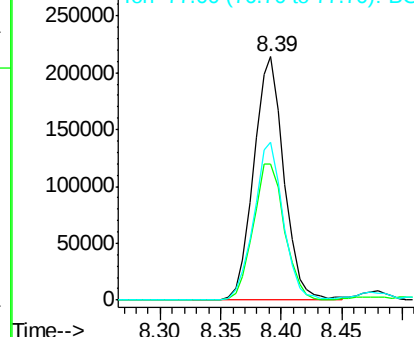


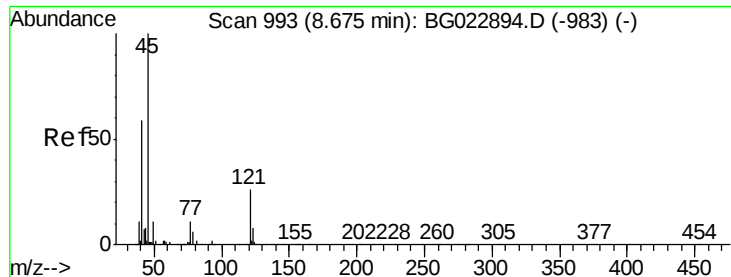
#15
 Benzyl Alcohol
 Concen: 44.26 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BG022979.D
 Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
79	100		
108	56.1	46.5	69.7
77	64.8	52.3	78.5



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

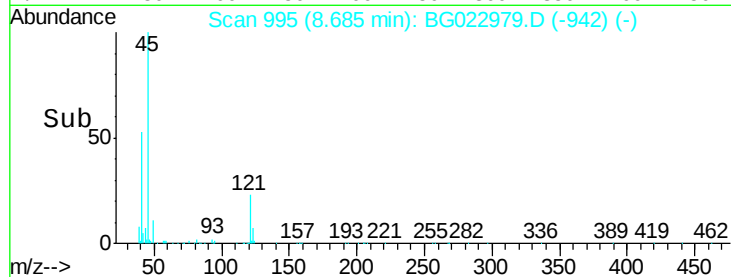
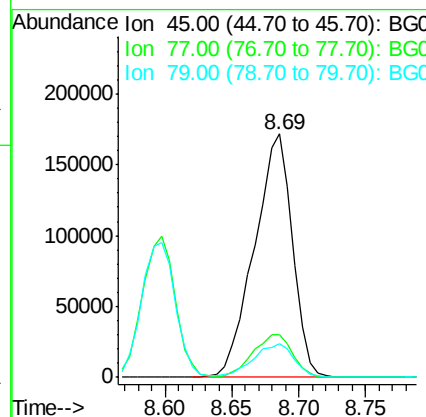
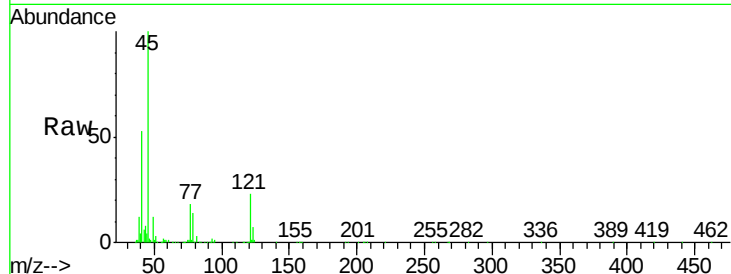




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.00 ng
RT: 8.69 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

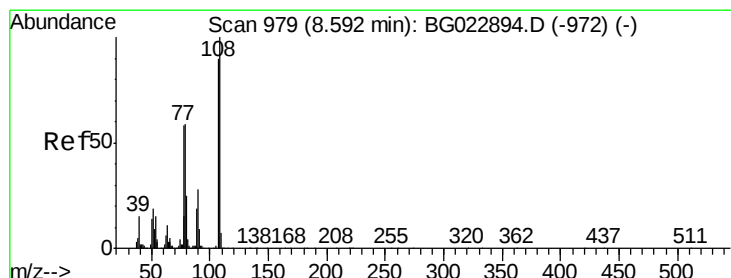
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.6	40.6
79	13.8	0.0	36.2



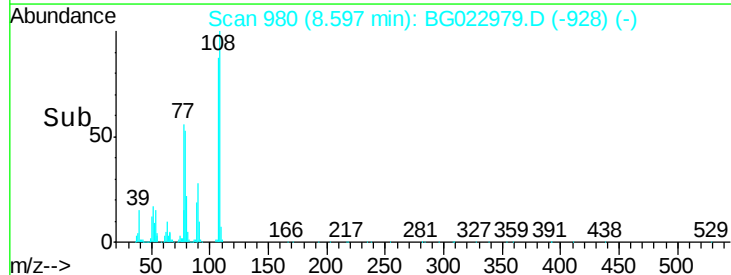
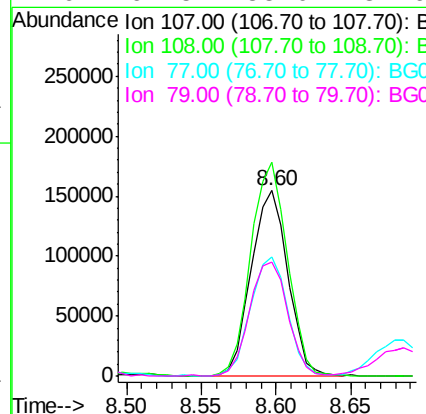
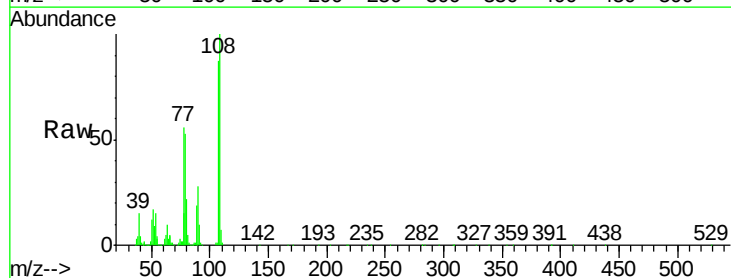
SOHIL

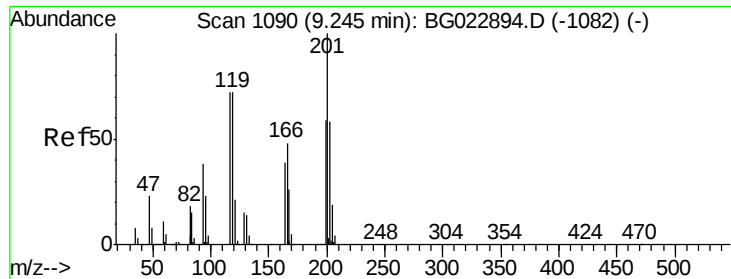
7/11/2016 6:46:59 AM



#17
2-Methylphenol
Concen: 42.53 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.1	92.0	138.0
77	64.4	55.8	83.6
79	61.5	55.0	82.6

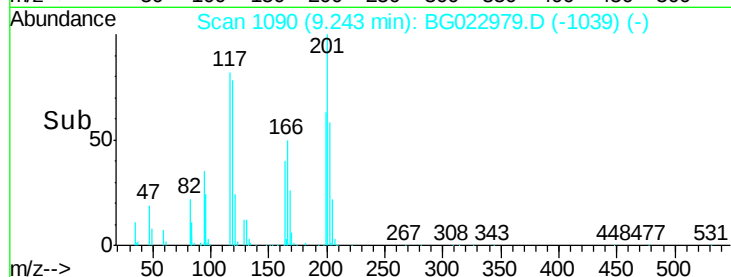
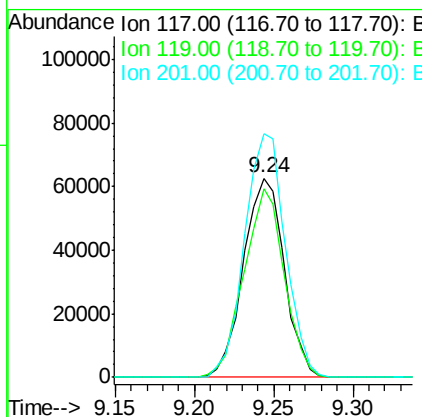
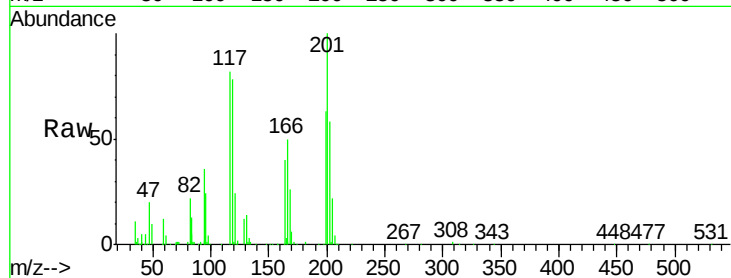




#18
Hexachloroethane
Concen: 34.60 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

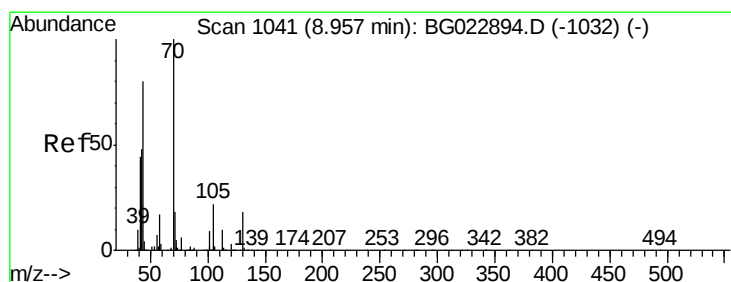
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	73.7	110.5
201	122.4	88.7	133.1



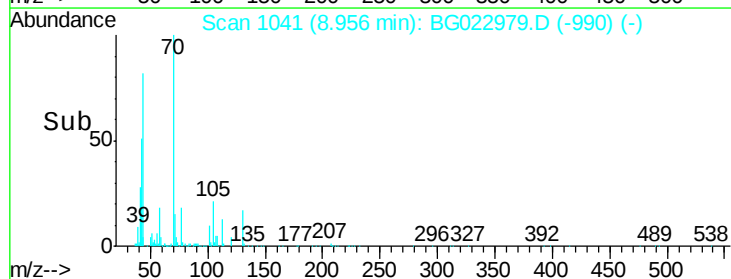
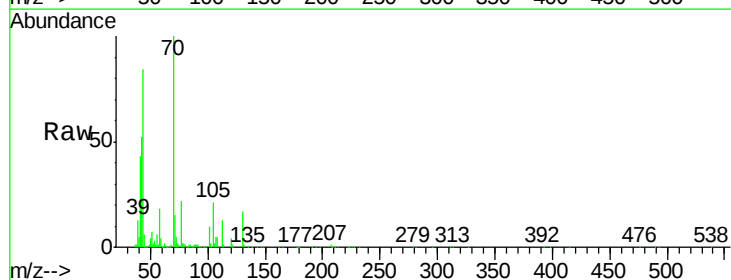
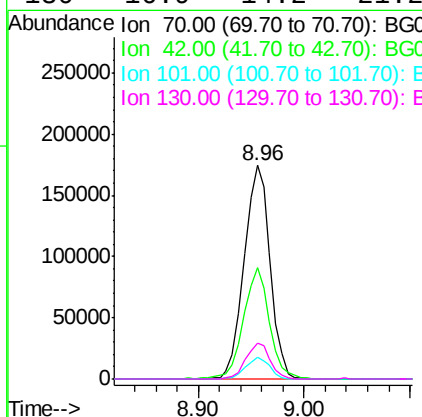
SOHIL

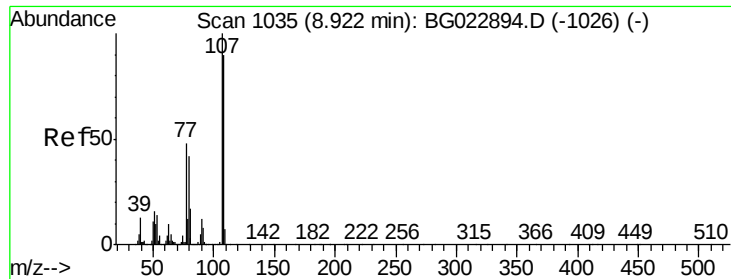
7/11/2016 6:46:59 AM



#19
n-Nitroso-di-n-propylamine
Concen: 35.83 ng
RT: 8.96 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.2	42.1	63.1
101	10.2	7.2	10.8
130	16.9	14.2	21.2

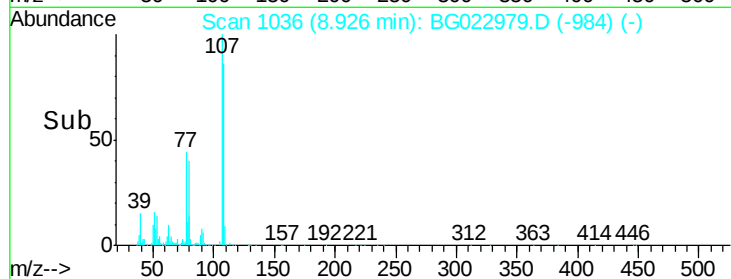
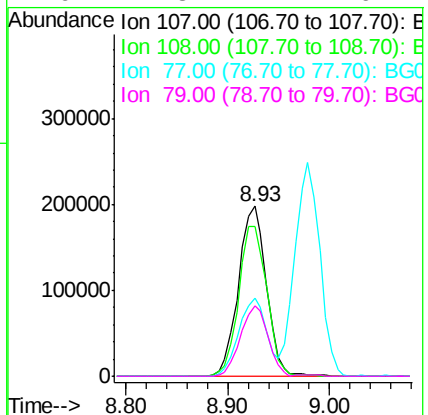
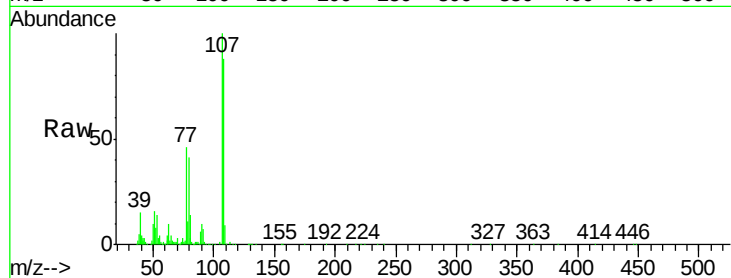




#20
3+4-Methylphenols
Concen: 44.10 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

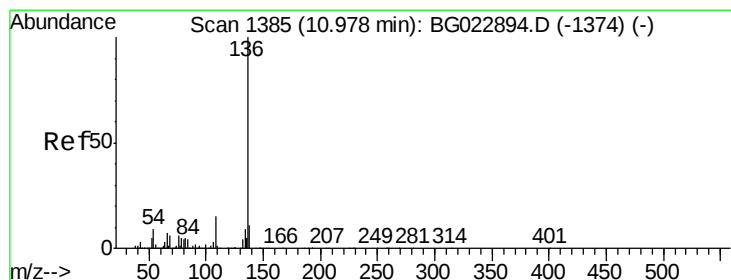
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:	107	Resp:	378313
Ion Ratio	Lower	Upper	
107	100		
108	87.9	72.5	112.5
77	46.3	30.1	70.1
79	41.3	24.2	64.2



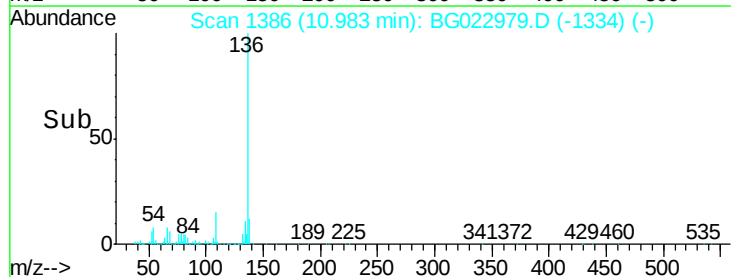
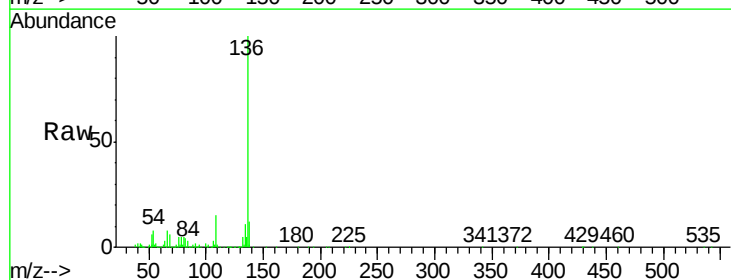
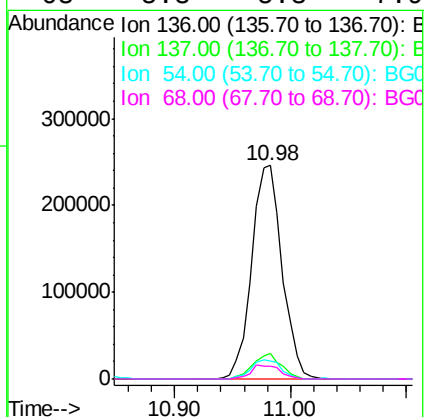
SOHIL

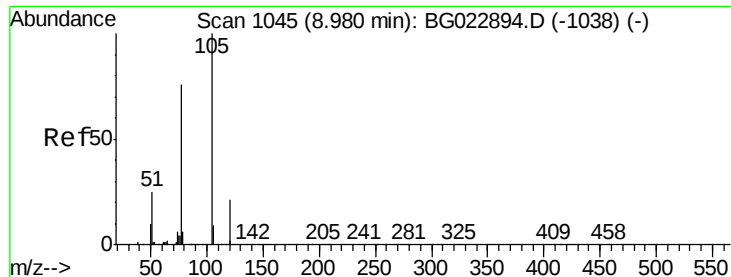
7/11/2016 6:46:59 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:	136	Resp:	450060
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.6	14.4
54	8.5	7.3	10.9
68	5.8	5.3	7.9





#22

Acetophenone

Concen: 36.28 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

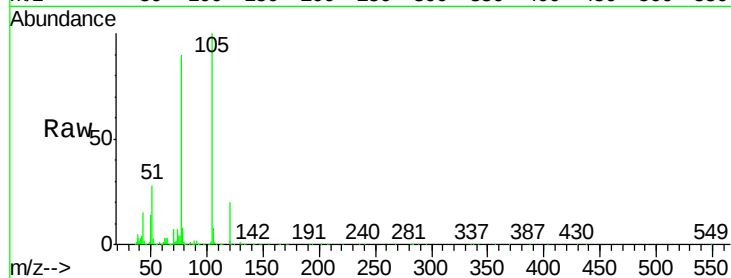
Instrument :

BNA_G

ClientSampleId :

C3-5MS

Tgt Ion:	105	Resp:	489977
Ion Ratio	Lower	Upper	
105	100		
71	0.6	2.6	3.8#
51	28.3	27.1	40.7
120	19.9	15.1	22.7

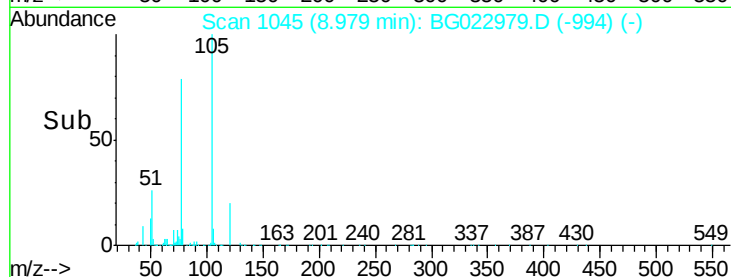
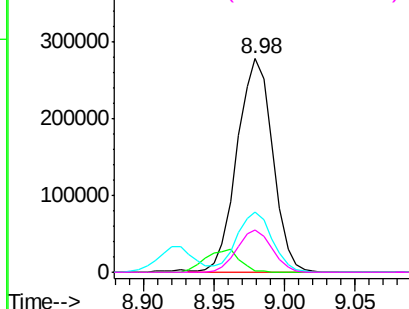


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

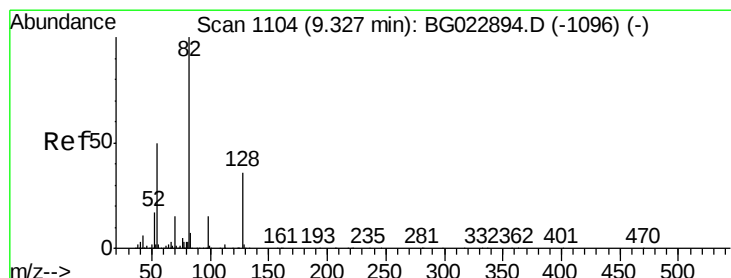
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



SOHIL

7/11/2016 6:46:59 AM



#23

Nitrobenzene-d5

Concen: 76.04 ng

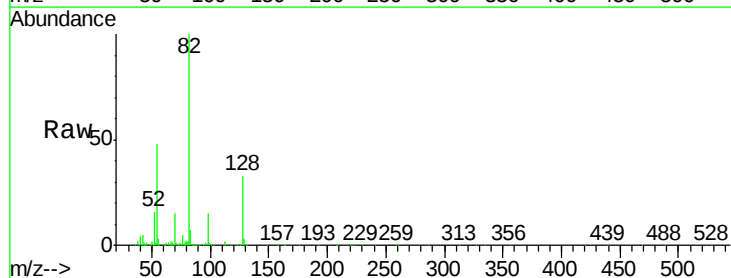
RT: 9.33 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

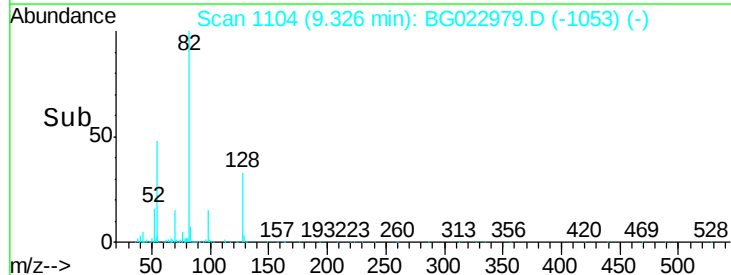
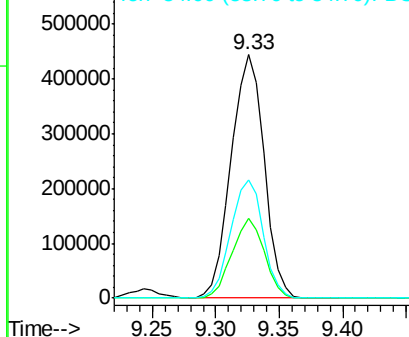
Tgt Ion:	82	Resp:	799206
Ion Ratio	Lower	Upper	
82	100		
128	32.7	24.4	36.6
54	48.3	41.4	62.0

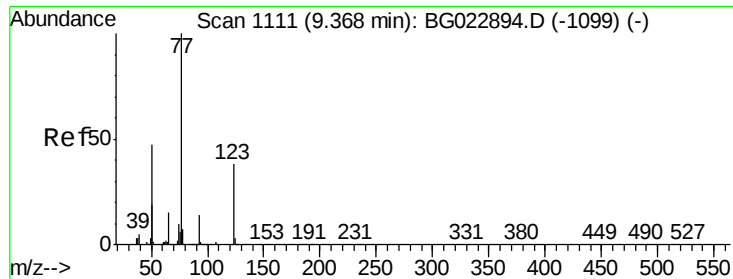


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

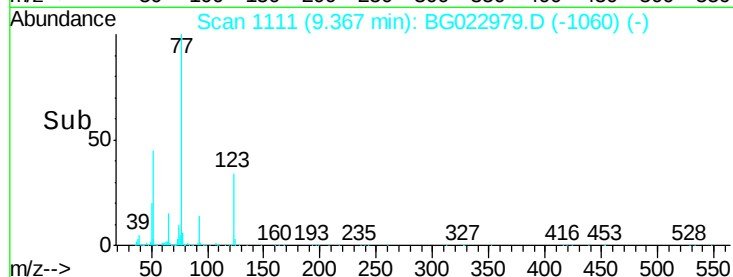
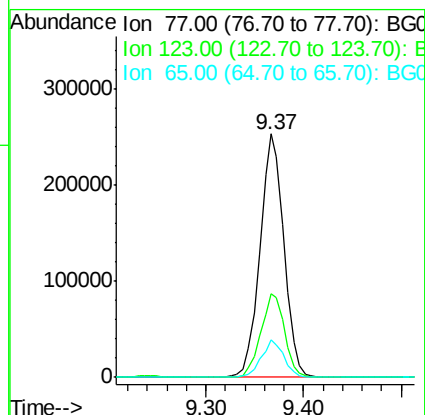
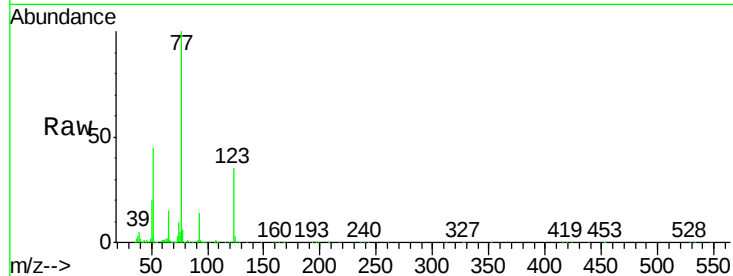




#24
Nitrobenzene
Concen: 39.17 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

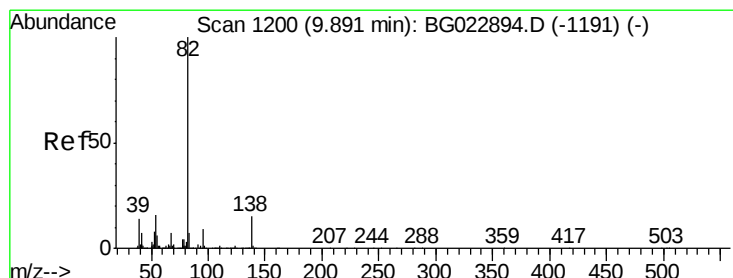
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.5	25.0	37.6
65	15.2	13.4	20.0



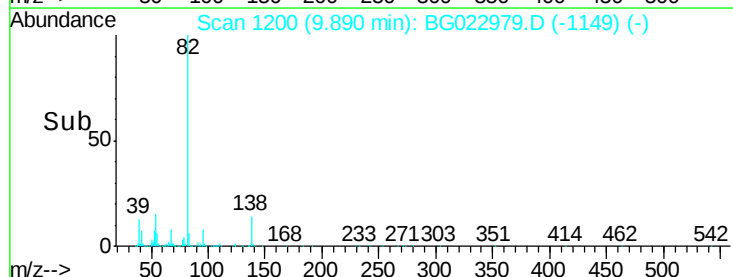
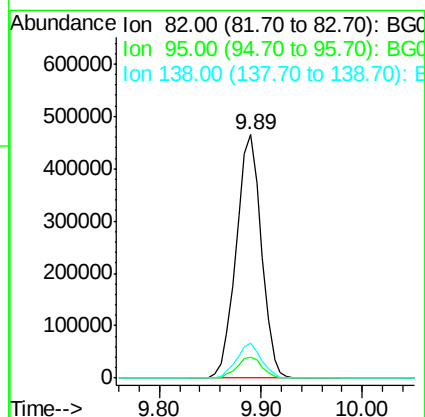
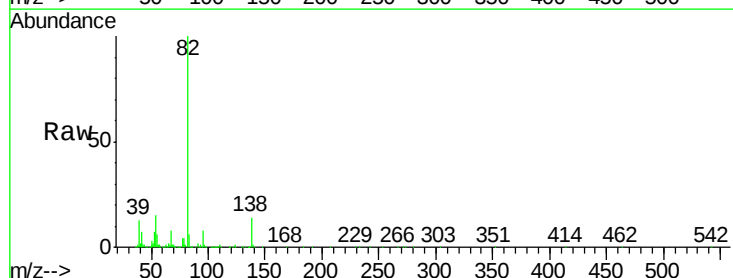
SOHIL

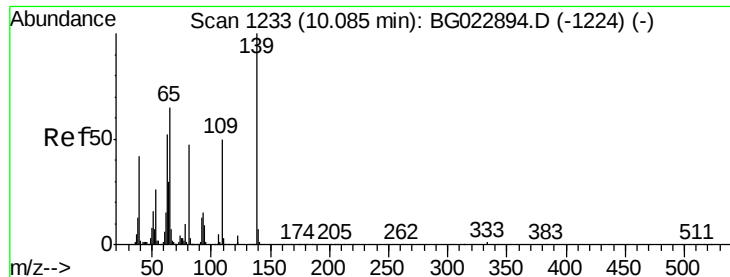
7/11/2016 6:46:59 AM



#25
Isophorone
Concen: 37.80 ng
RT: 9.89 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.4	8.2	12.2
138	14.4	10.7	16.1

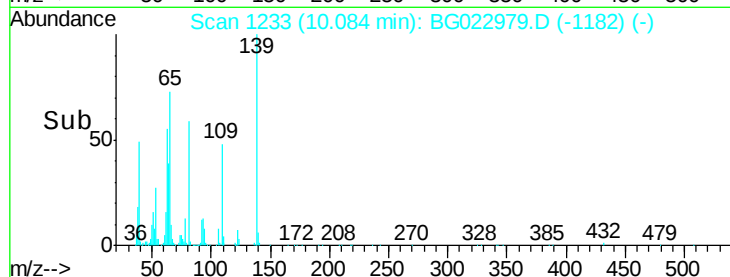
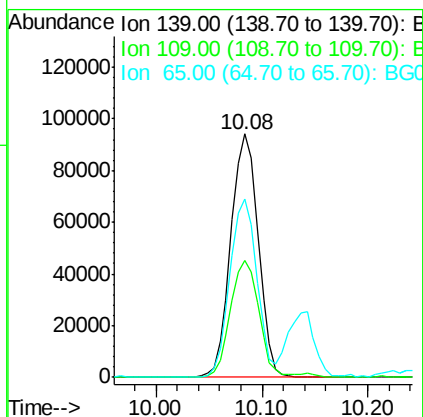
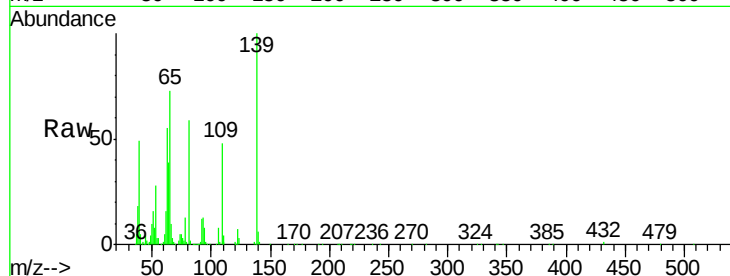




#26
2-Nitrophenol
Concen: 38.50 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

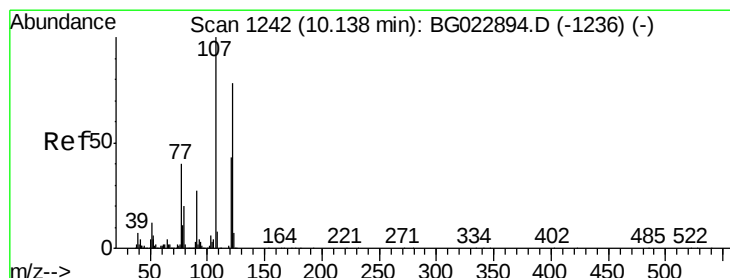
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	48.0	43.5	65.3
65	73.2	64.3	96.5



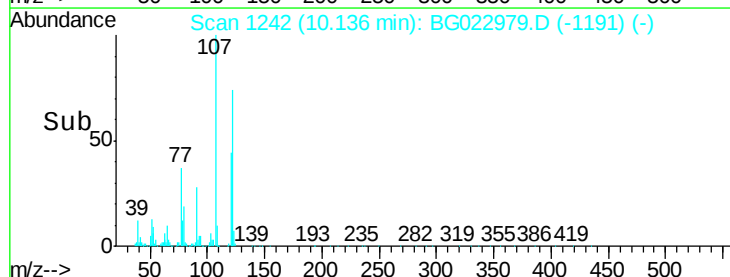
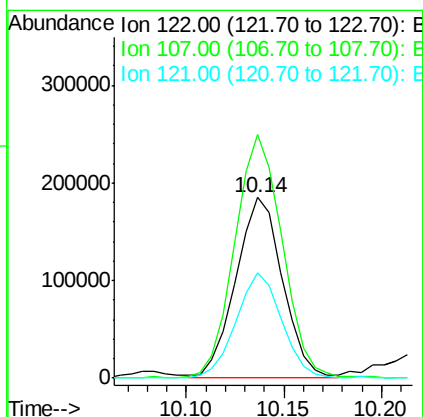
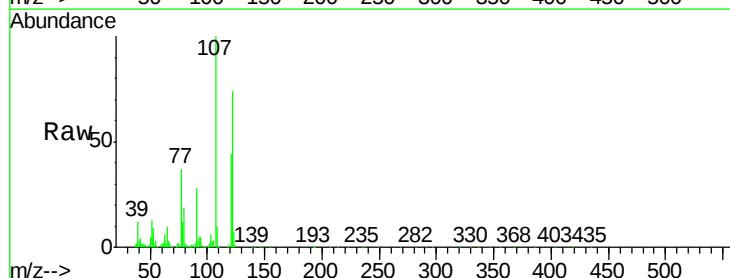
SOHIL

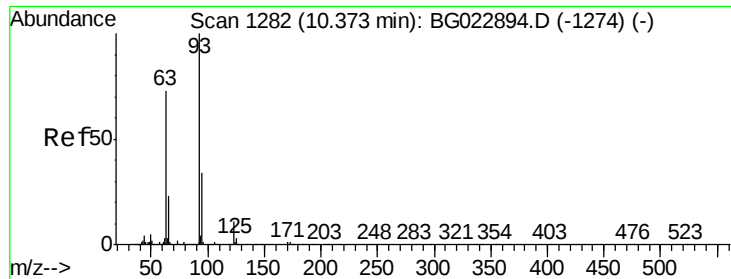
7/11/2016 6:46:59 AM



#27
2,4-Dimethylphenol
Concen: 40.54 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
122	100		
107	134.9	117.0	175.4
121	58.7	50.1	75.1

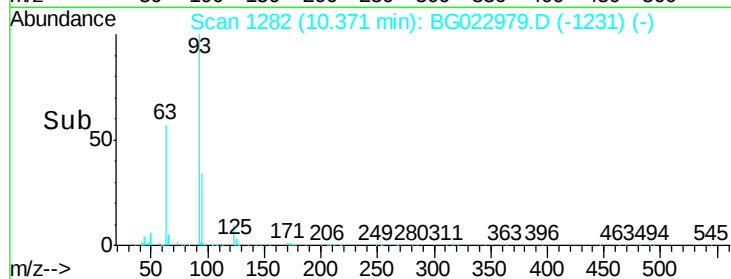
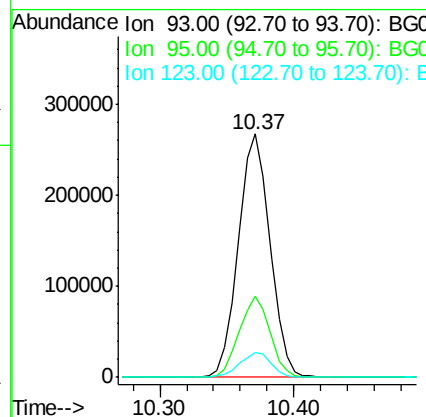
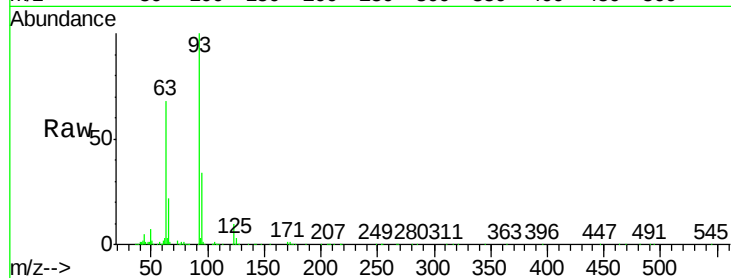




#28
bis(2-Chloroethoxy)methane
Concen: 37.16 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

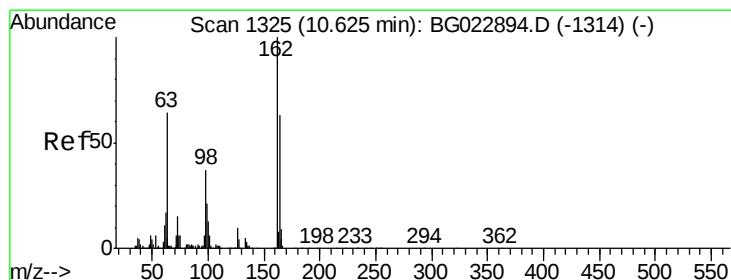
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:	93	Resp:	438089
Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.4	38.2
123	10.1	8.2	12.2



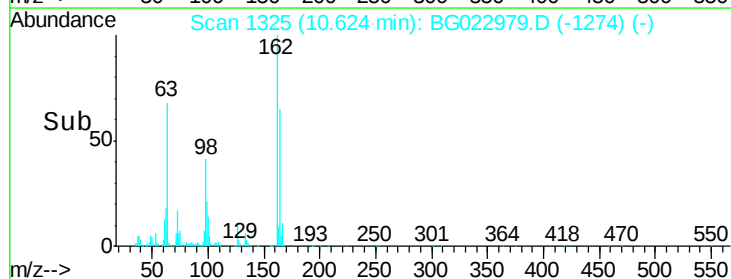
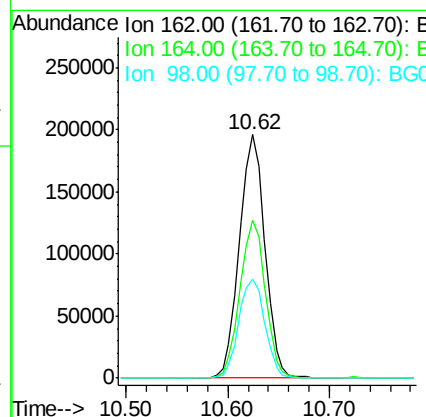
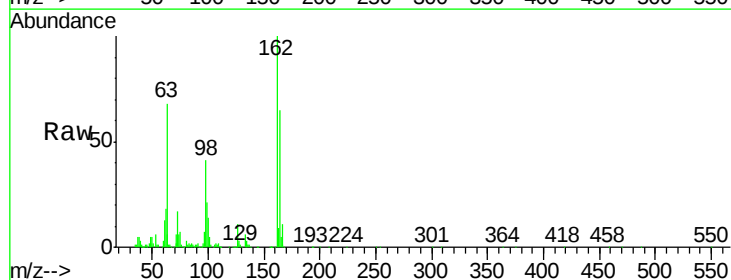
SOHIL

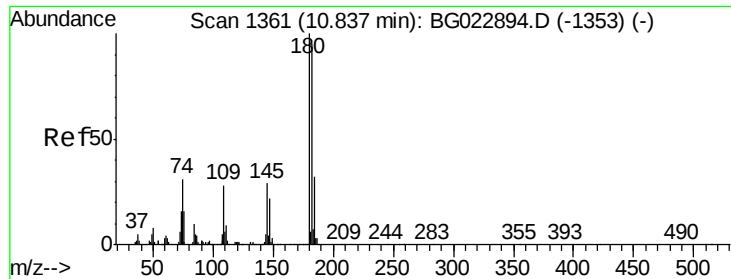
7/11/2016 6:46:59 AM



#29
2,4-Dichlorophenol
Concen: 42.59 ng
RT: 10.62 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:	162	Resp:	344093
Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.3	84.3
98	40.8	19.5	59.5

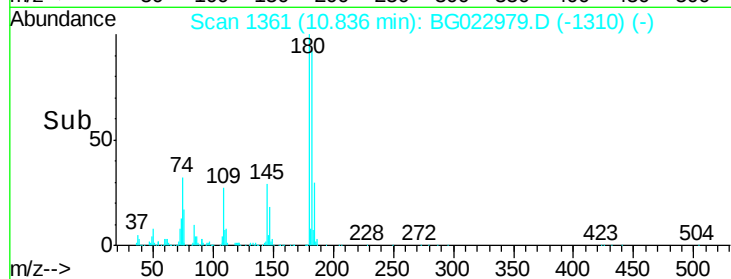
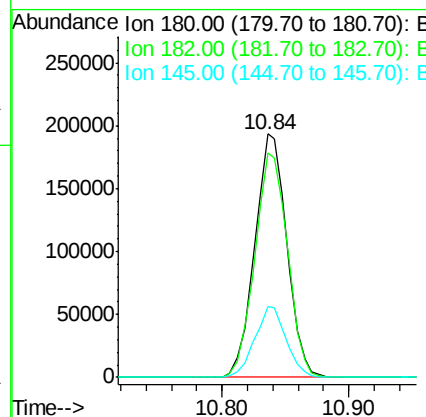
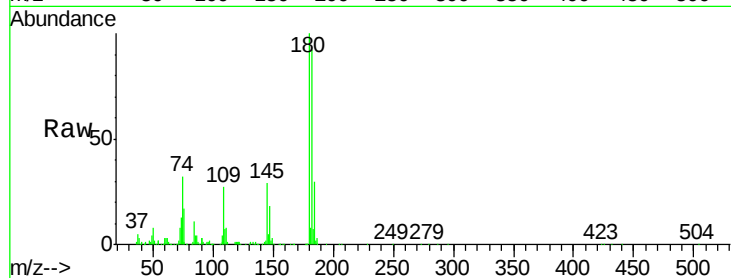




#30
 1,2,4-Trichlorobenzene
 Concen: 36.78 ng
 RT: 10.84 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BG022979.D
 Acq: 10 Jul 2016 00:09

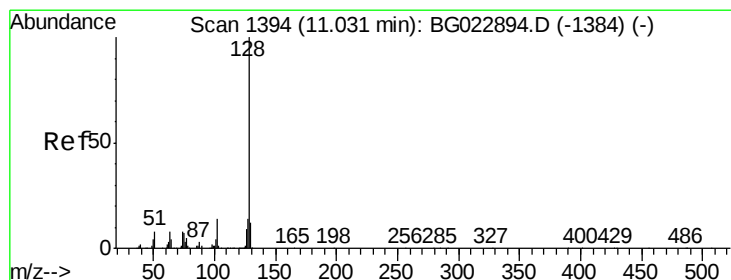
Instrument :
 BNA_G
 ClientSampleId :
 C3-5MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	73.8	110.8
145	28.9	24.4	36.6



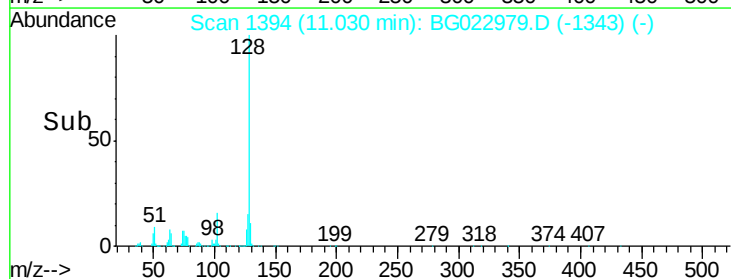
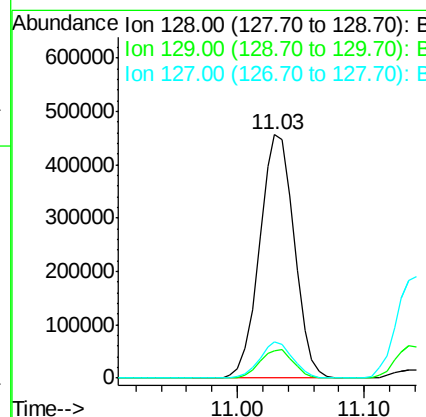
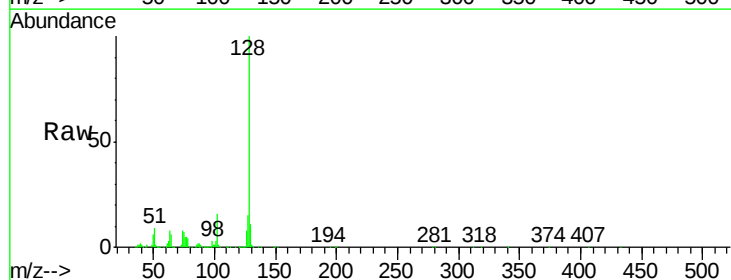
SOHIL

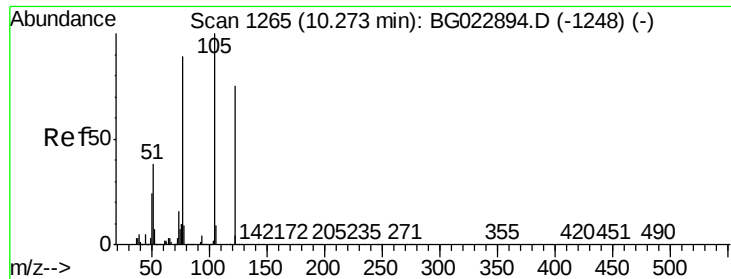
7/11/2016 6:46:59 AM



#31
 Naphthalene
 Concen: 37.83 ng
 RT: 11.03 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BG022979.D
 Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	15.1	11.3	16.9

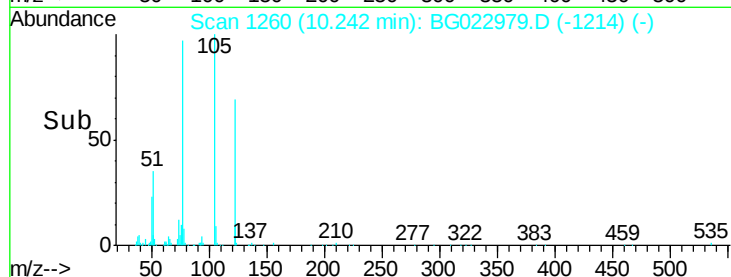
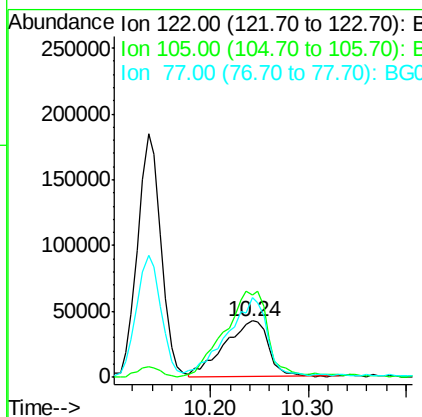
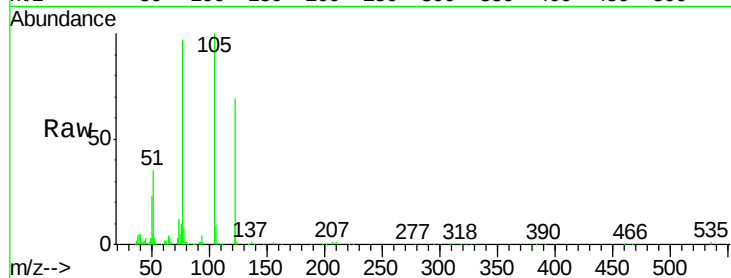




#32
Benzoic acid
Concen: 19.51 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

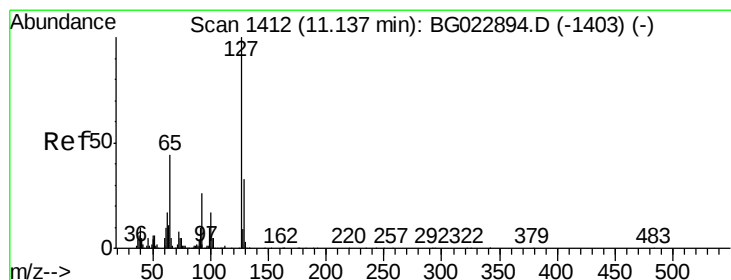
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion	Ratio	Lower	Upper
122	100		
105	145.8	117.2	157.2
77	141.4	109.2	149.2



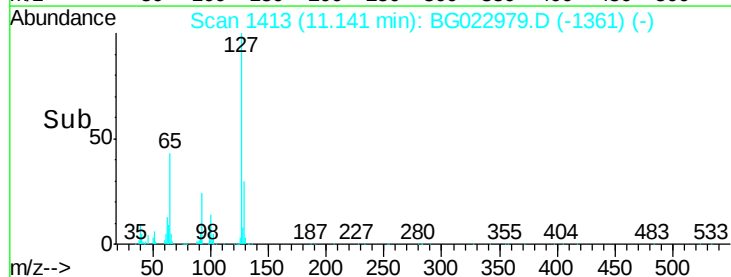
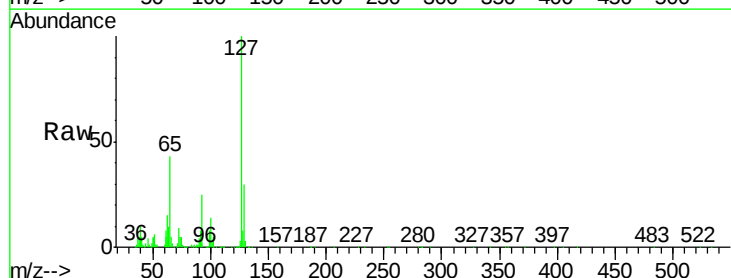
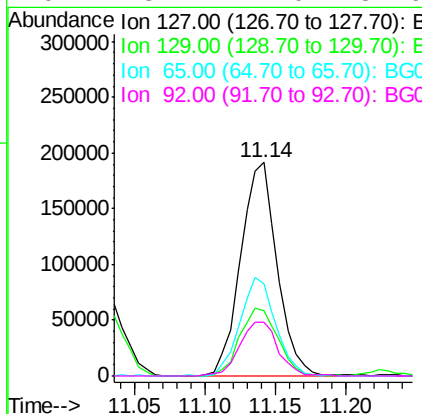
SOHIL

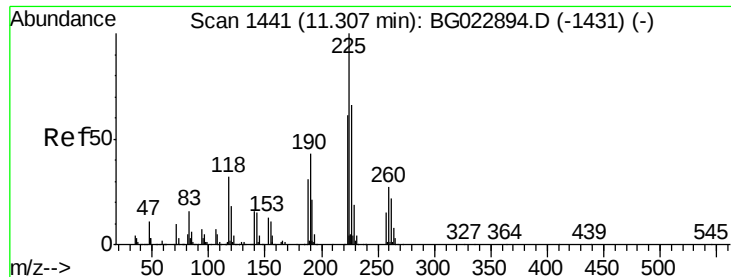
7/11/2016 6:46:59 AM



#33
4-Chloroaniline
Concen: 30.93 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.3	27.9	41.9
65	43.4	36.8	55.2
92	25.1	21.0	31.6





#34

Hexachlorobutadiene

Concen: 34.05 ng

RT: 11.31 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

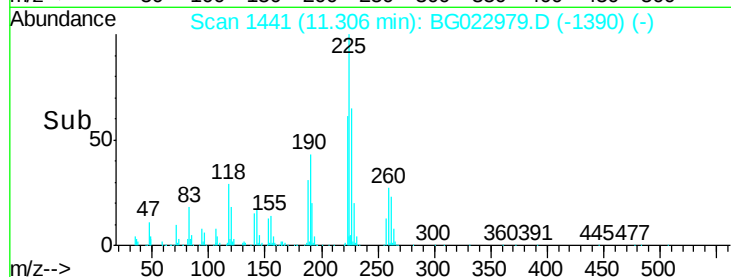
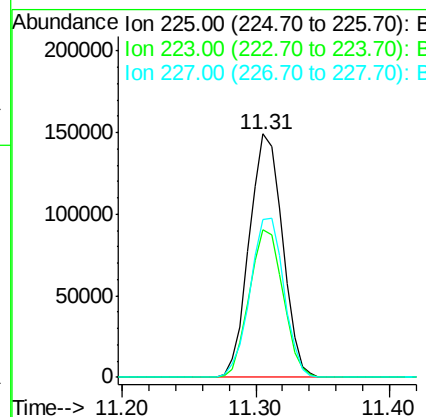
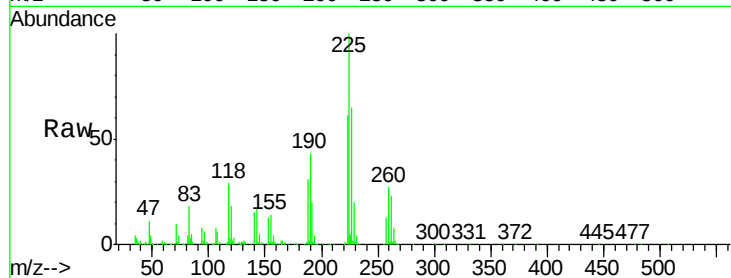
Instrument :

BNA_G

ClientSampleId :

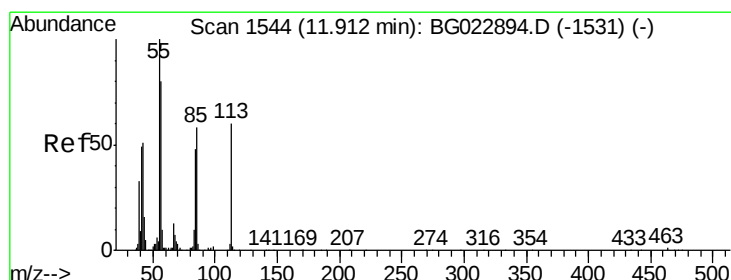
C3-5MS

Tgt Ion:	225	Resp:	255522
Ion Ratio	Lower	Upper	
225	100		
223	60.7	49.6	74.4
227	64.6	54.5	81.7



SOHIL

7/11/2016 6:46:59 AM



#35

Caprolactam

Concen: 36.34 ng m

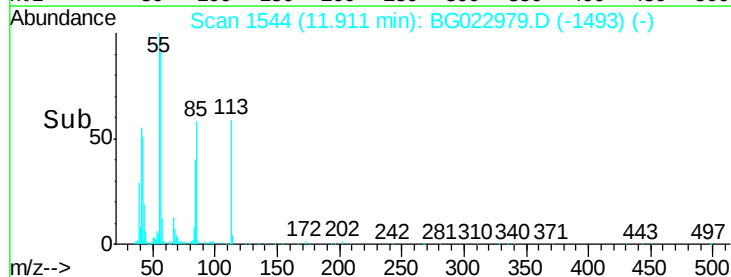
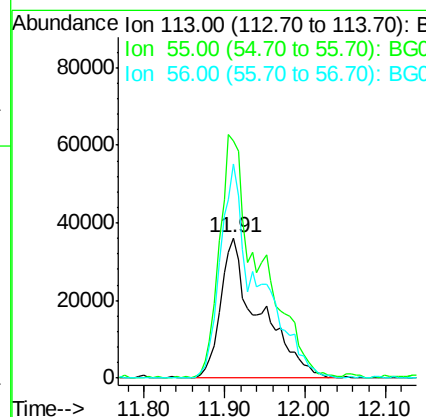
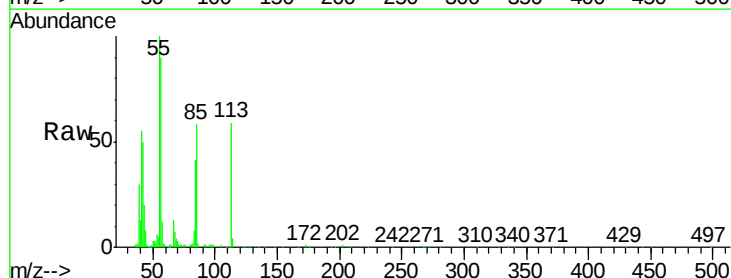
RT: 11.91 min Scan# 1544

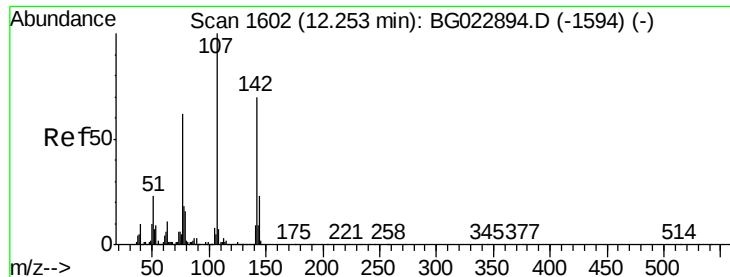
Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Tgt Ion:	113	Resp:	120790
Ion Ratio	Lower	Upper	
113	100		
55	168.8	154.5	194.5
56	152.6	125.1	165.1

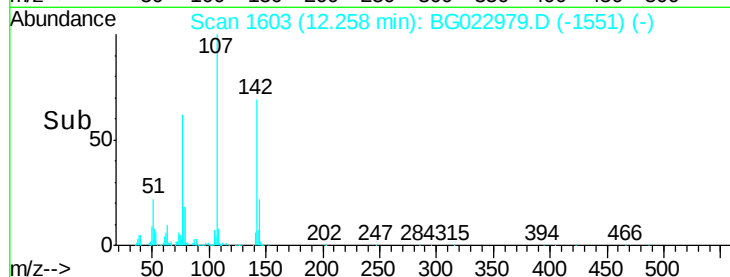
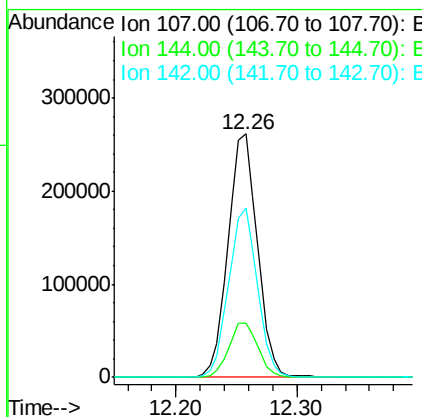
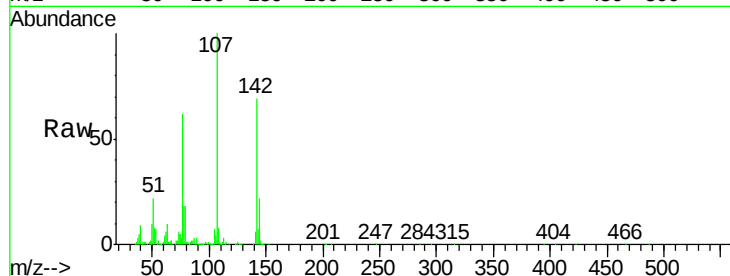




#36
4-Chloro-3-methylphenol
Concen: 40.12 ng
RT: 12.26 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

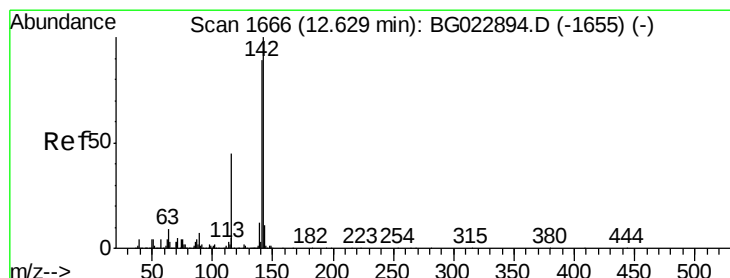
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.4	17.0	25.6
142	69.4	53.0	79.6



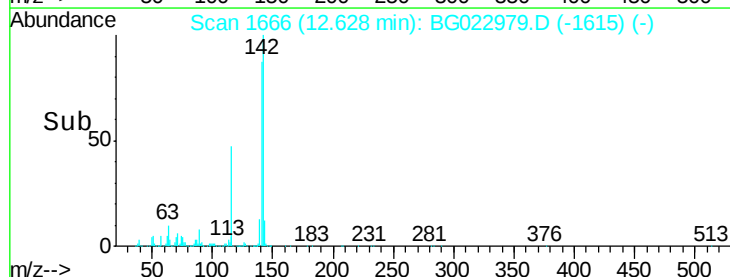
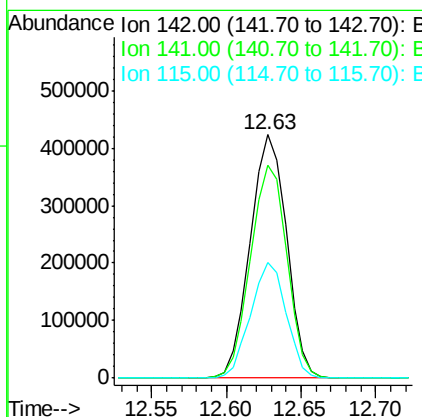
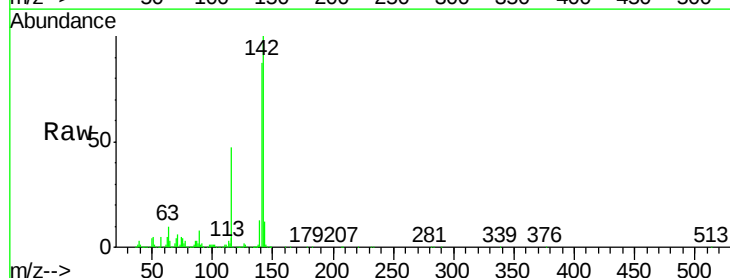
SOHIL

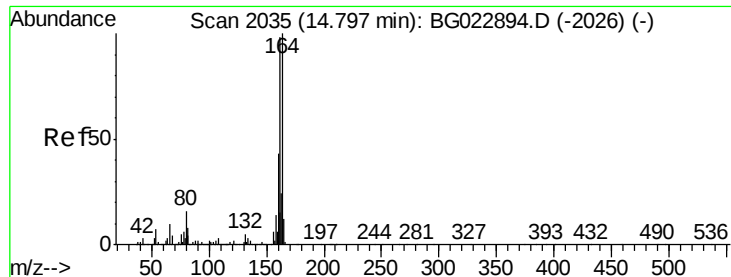
7/11/2016 6:46:59 AM



#37
2-Methylnaphthalene
Concen: 39.45 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.2	105.2
115	47.4	41.7	62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Instrument :

BNA_G

ClientSampleId :

C3-5MS

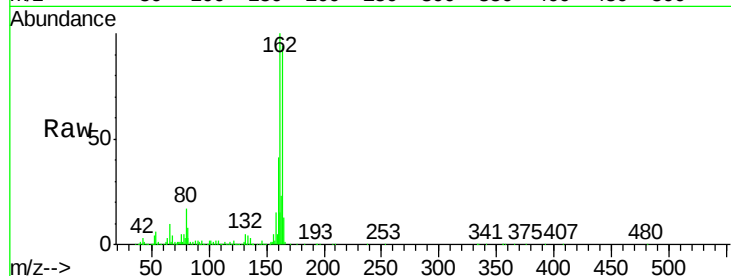
Tgt Ion:164 Resp: 367169

Ion Ratio Lower Upper

164 100

162 106.2 87.7 131.5

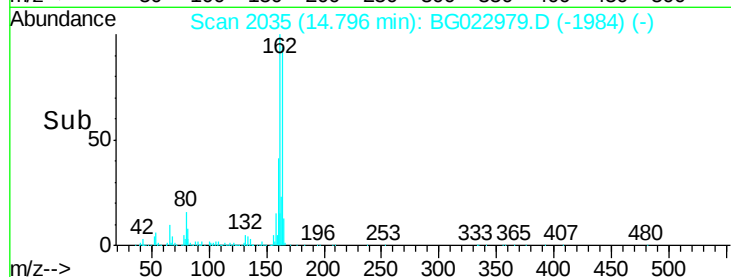
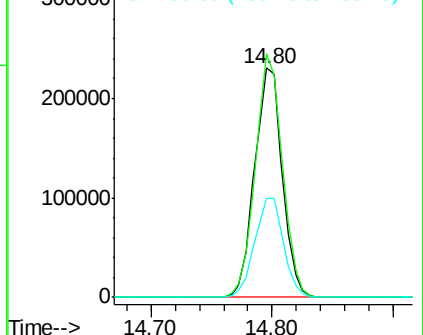
160 43.4 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

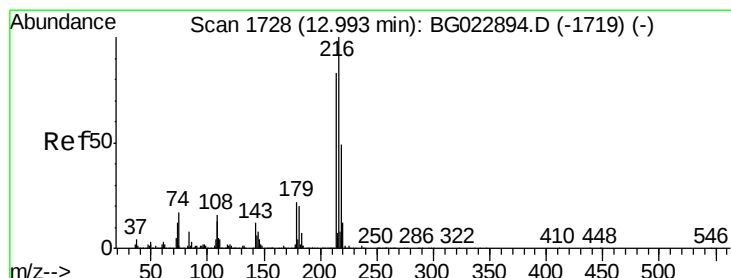
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



SOHIL

7/11/2016 6:46:59 AM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.91 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Tgt Ion:216 Resp: 473184

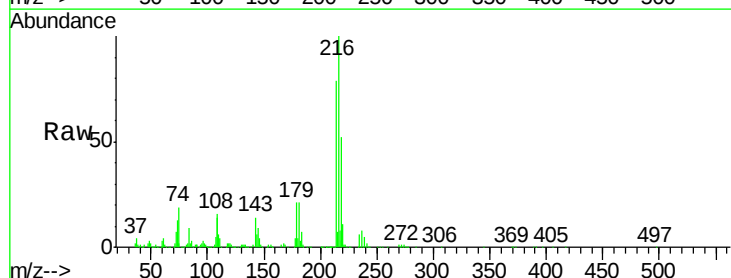
Ion Ratio Lower Upper

216 100

214 78.5 62.9 94.3

179 20.8 17.2 25.8

108 19.5 16.3 24.5

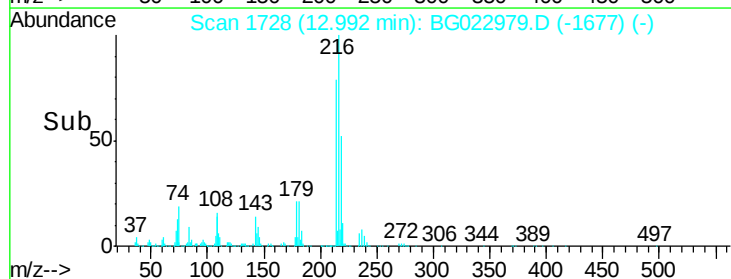
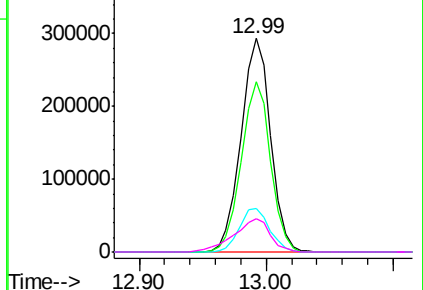


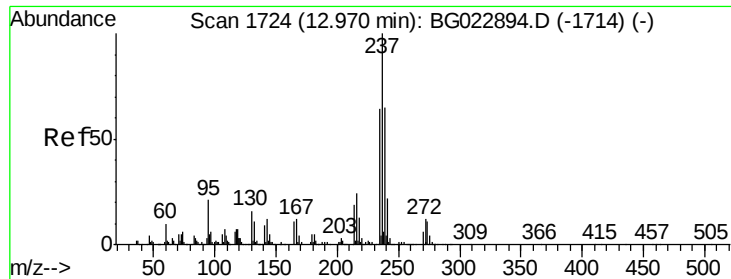
Abundance Ion 216.00 (215.70 to 216.70): E

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

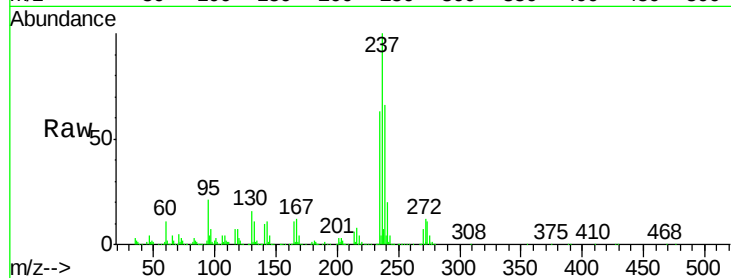




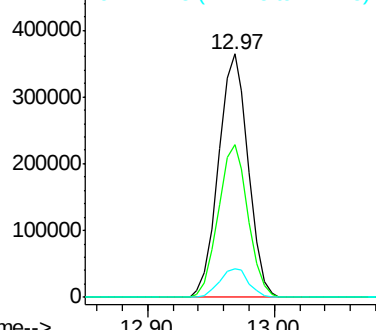
#40
Hexachlorocyclopentadiene
Concen: 64.89 ng
RT: 12.97 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:	237	Resp:	591045
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.1	83.1
272	11.6	0.0	30.9

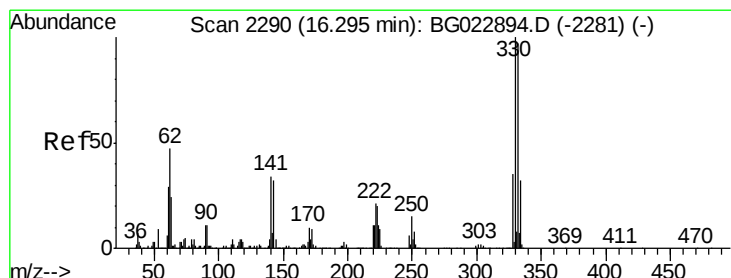
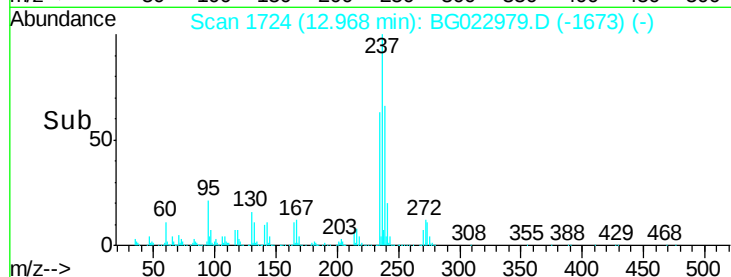


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



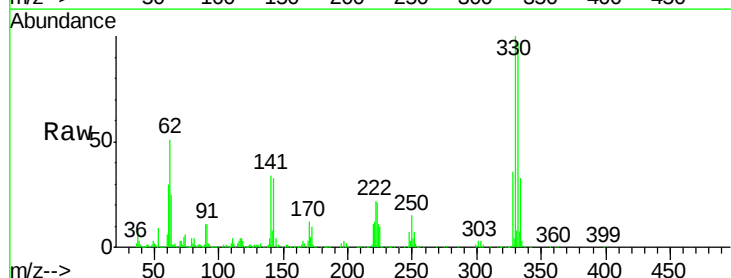
SOHIL

7/11/2016 6:46:59 AM

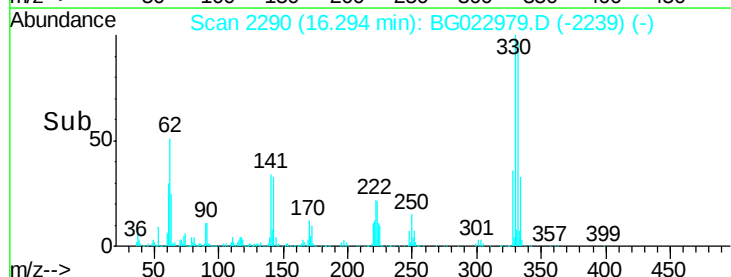
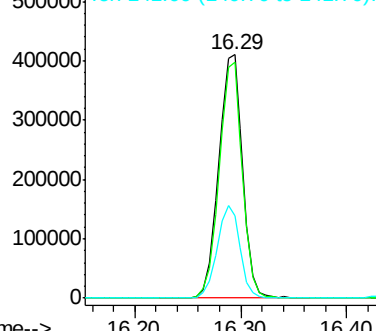


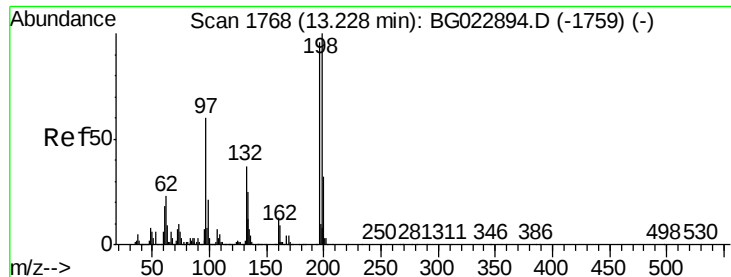
#41
2,4,6-Tribromophenol
Concen: 97.53 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:	330	Resp:	643617
Ion Ratio	Lower	Upper	
330	100		
332	93.9	77.4	116.2
141	36.5	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: 37.03 ng

RT: 13.23 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Instrument :

BNA_G

ClientSampleId :

C3-5MS

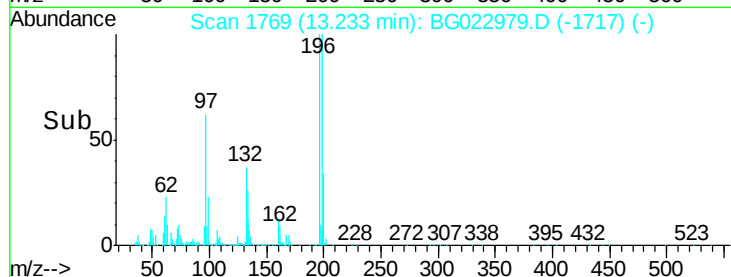
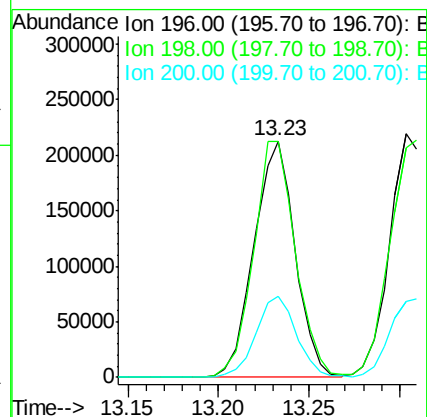
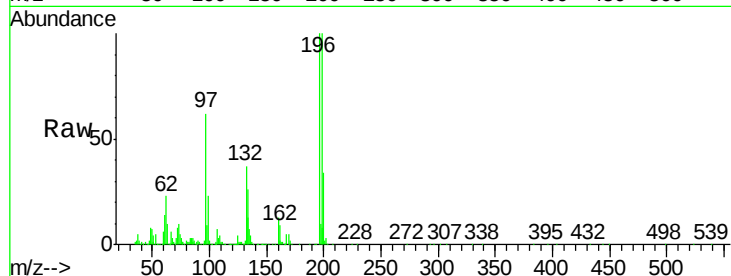
Tgt Ion:196 Resp: 336784

Ion Ratio Lower Upper

196 100

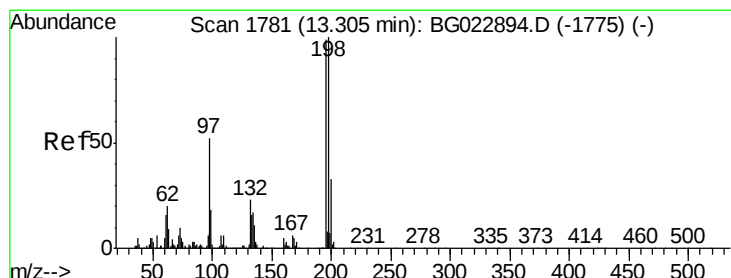
198 100.2 78.2 117.2

200 34.6 27.0 40.4



SOHIL

7/11/2016 6:46:59 AM



#43

2,4,5-Trichlorophenol

Concen: 38.55 ng

RT: 13.30 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Tgt Ion:196 Resp: 359998

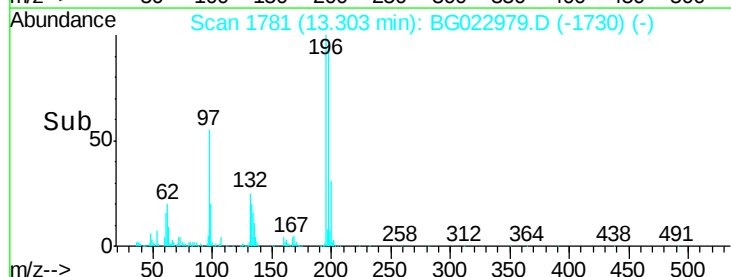
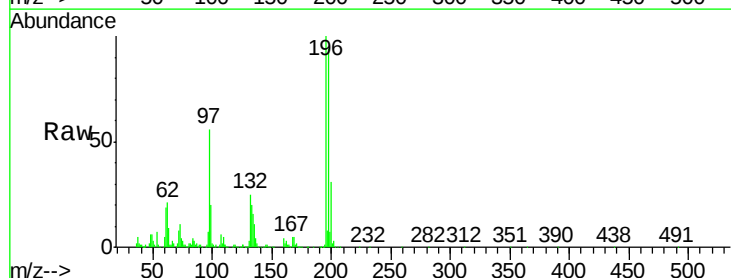
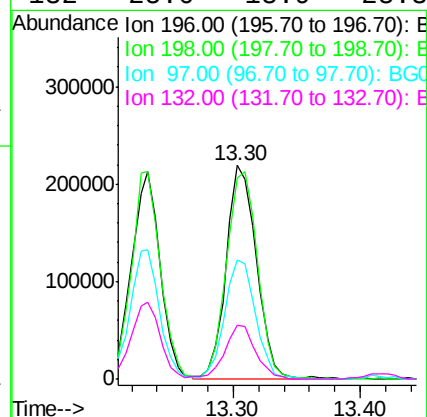
Ion Ratio Lower Upper

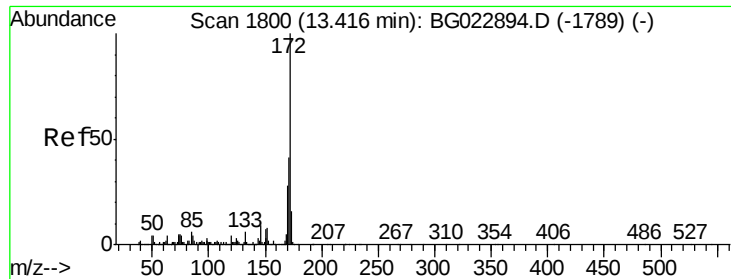
196 100

198 94.2 85.7 128.5

97 55.9 45.5 68.3

132 25.0 18.9 28.3

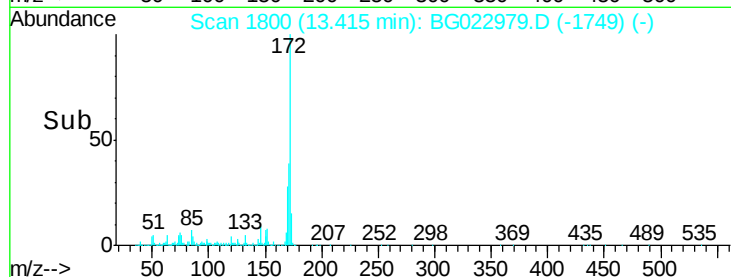
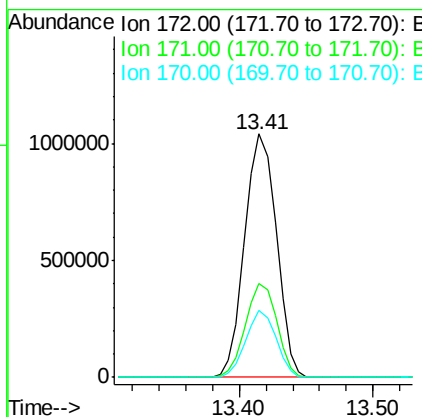
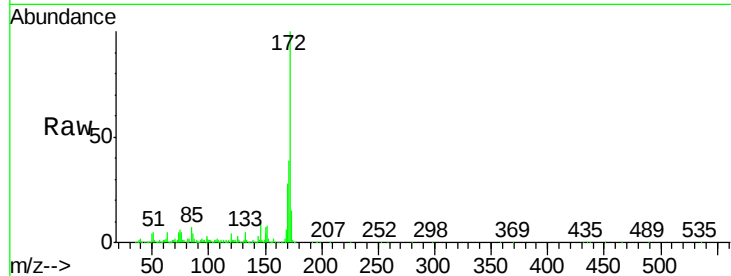




#44
2-Fluorobiphenyl
Concen: 73.36 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

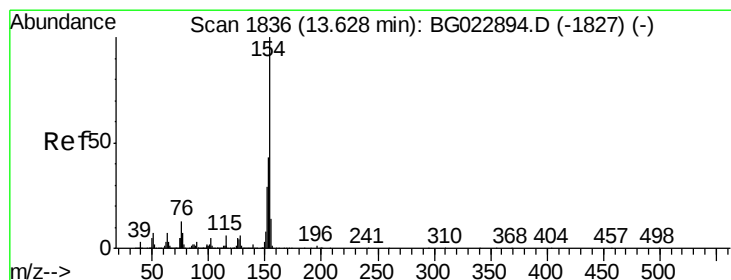
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:172 Resp: 1710087
Ion Ratio Lower Upper
172 100
171 38.6 31.6 47.4
170 27.6 21.3 31.9



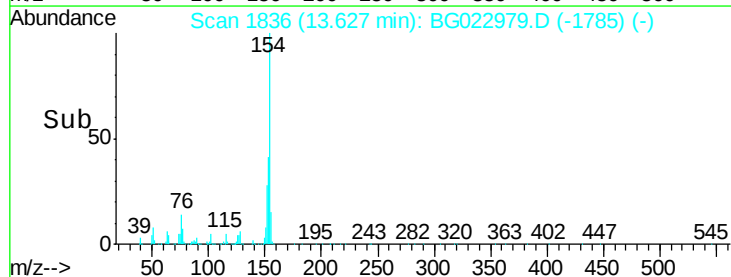
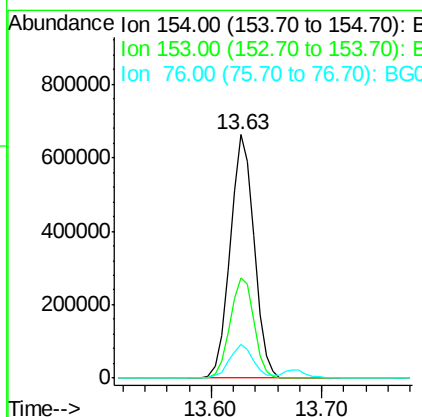
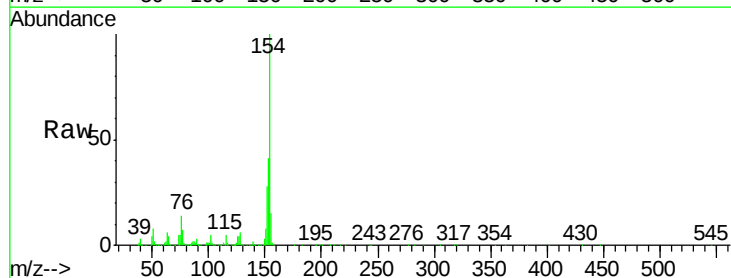
SOHIL

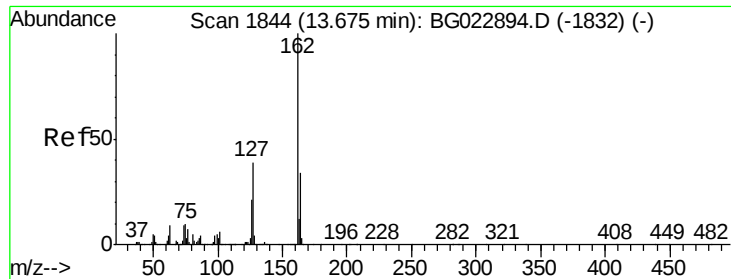
7/11/2016 6:46:59 AM



#45
1,1'-Biphenyl
Concen: 36.55 ng
RT: 13.63 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:154 Resp: 1006830
Ion Ratio Lower Upper
154 100
153 41.4 20.2 60.2
76 14.1 0.0 32.9

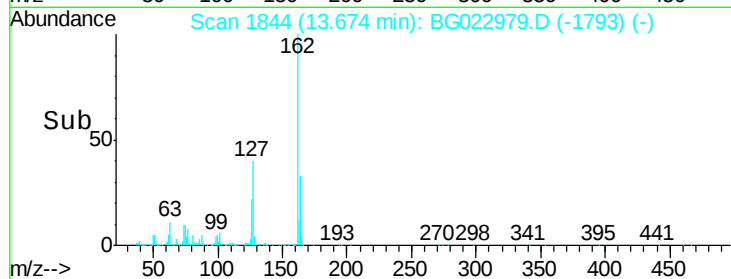
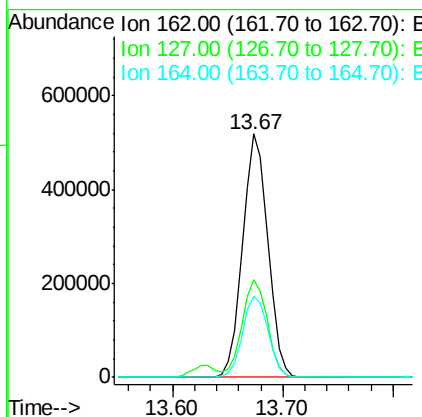
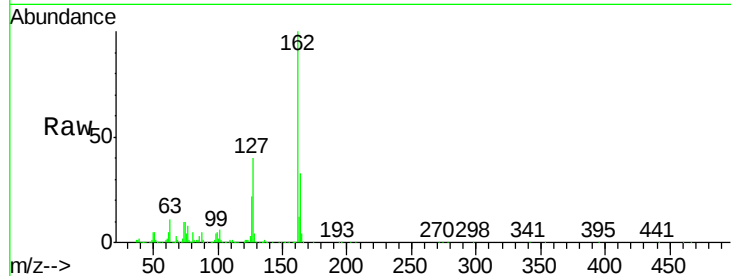




#46
2-Chloronaphthalene
Concen: 37.37 ng
RT: 13.67 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

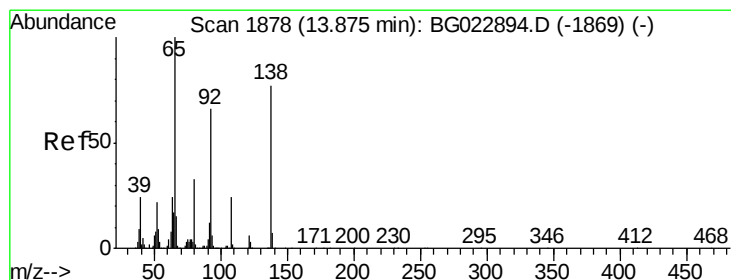
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:	162	Resp:	835118
Ion Ratio	Lower	Upper	
162	100		
127	40.1	32.4	48.6
164	33.4	25.2	37.8



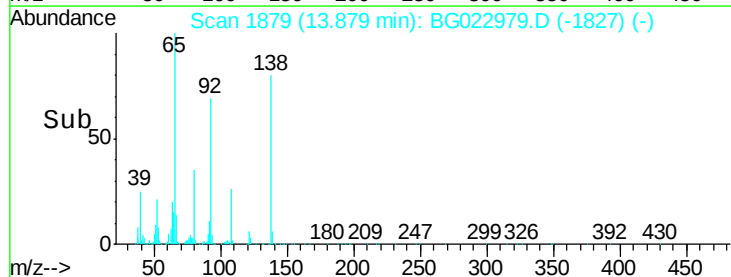
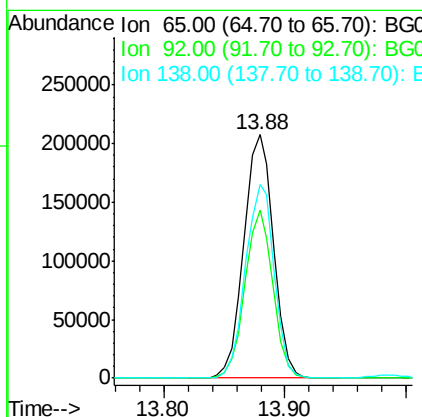
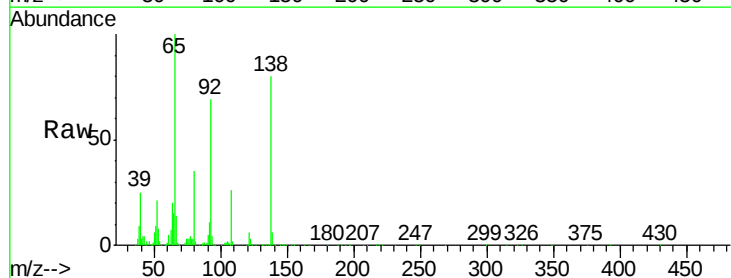
SOHIL

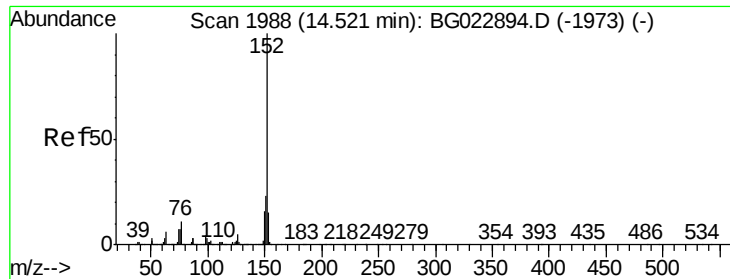
7/11/2016 6:46:59 AM



#47
2-Nitroaniline
Concen: 37.27 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:	65	Resp:	355428
Ion Ratio	Lower	Upper	
65	100		
92	69.2	49.4	74.0
138	79.7	58.0	87.0





#48

Acenaphthylene

Concen: 37.18 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Instrument :

BNA_G

ClientSampleId :

C3-5MS

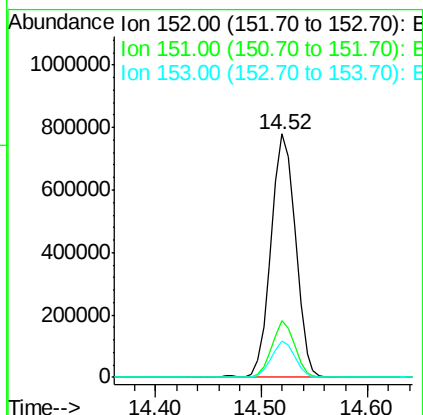
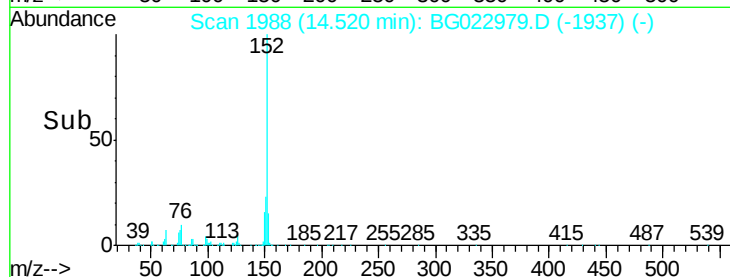
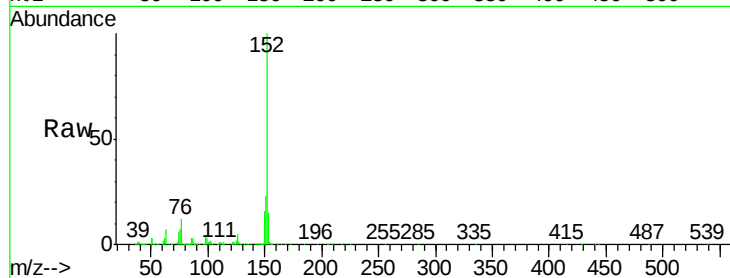
Tgt Ion:152 Resp: 1246268

Ion Ratio Lower Upper

152 100

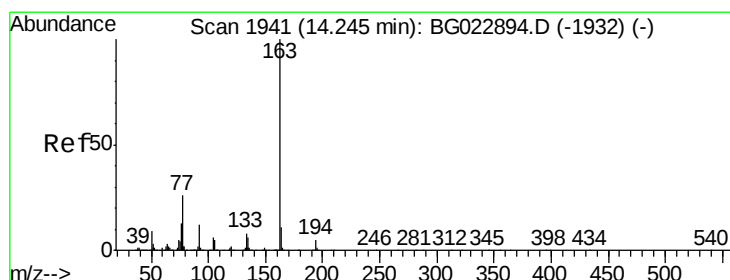
151 23.1 17.6 26.4

153 15.0 11.4 17.2



SOHIL

7/11/2016 6:46:59 AM



#49

Dimethylphthalate

Concen: 46.60 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

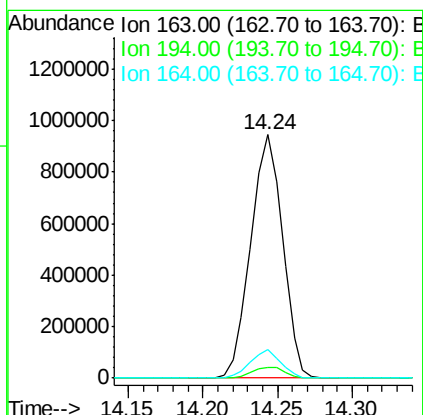
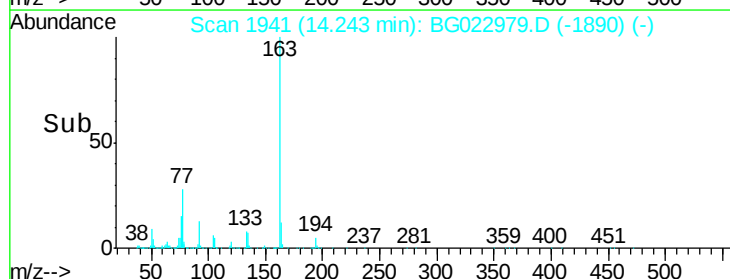
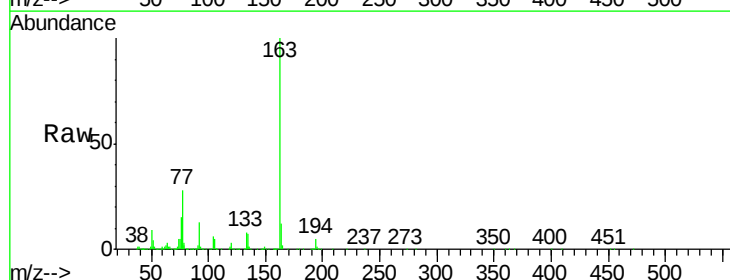
Tgt Ion:163 Resp: 1397687

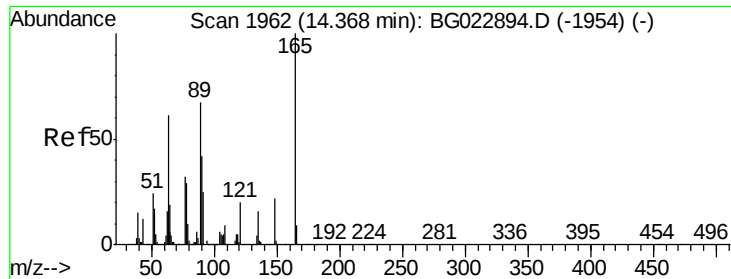
Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

164 11.7 8.1 12.1

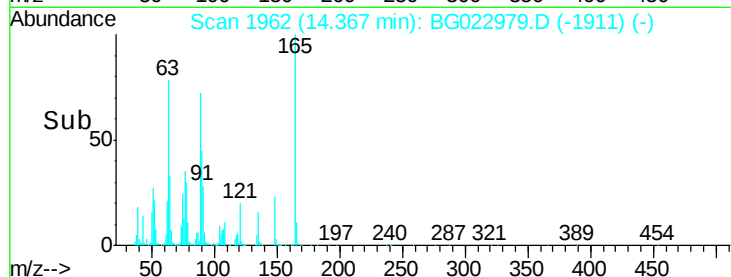
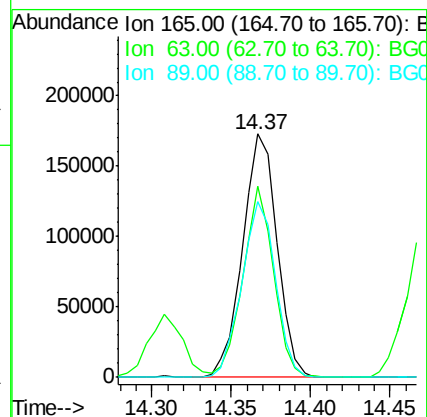
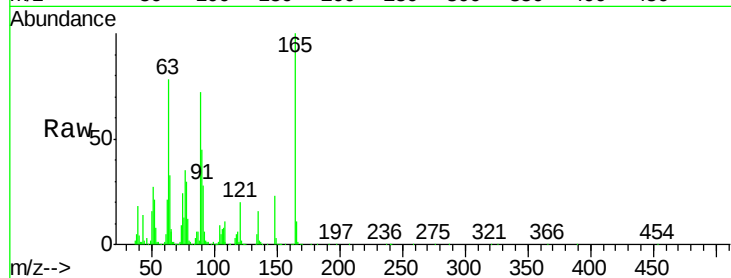




#50
2,6-Dinitrotoluene
Concen: 38.73 ng
RT: 14.37 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

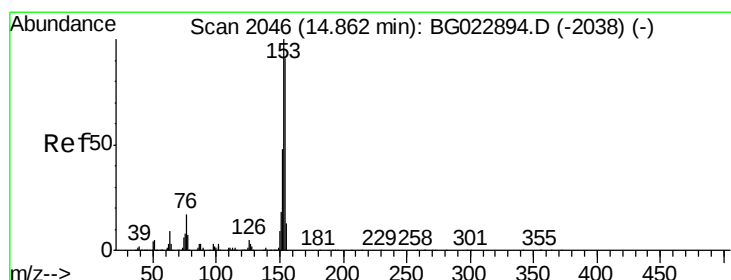
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.3	64.3	96.5
89	72.1	64.3	96.5



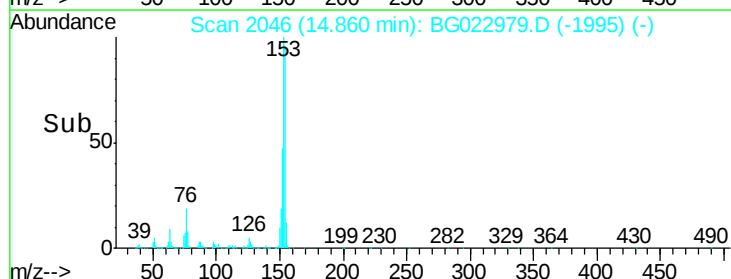
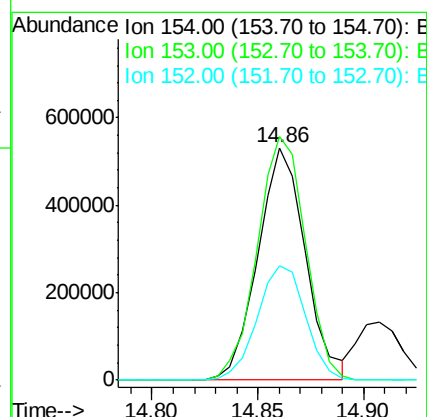
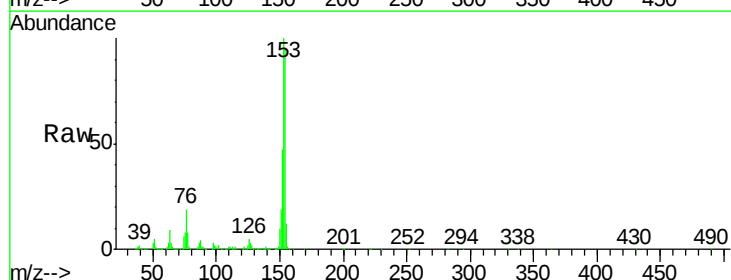
SOHIL

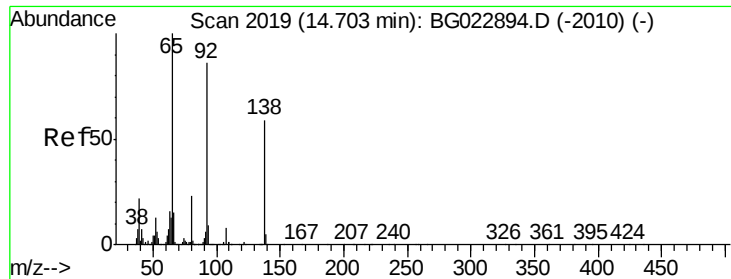
7/11/2016 6:46:59 AM



#51
Acenaphthene
Concen: 37.91 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	104.7	87.5	131.3
152	49.4	42.7	64.1





#52

3-Nitroaniline

Concen: 32.59 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

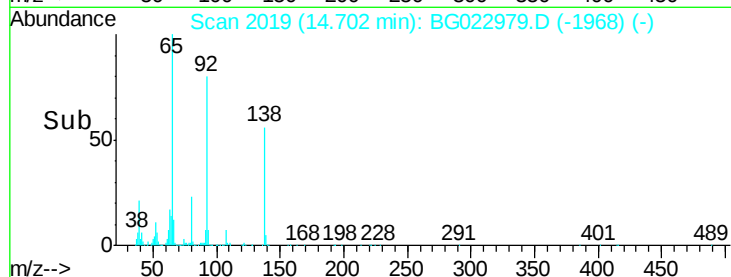
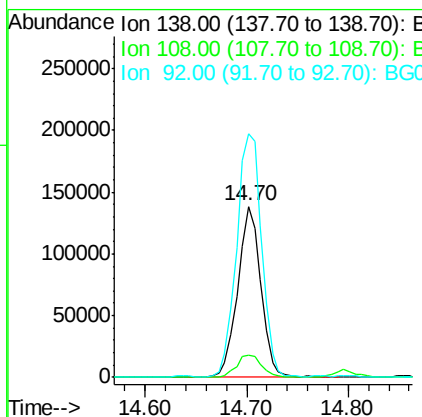
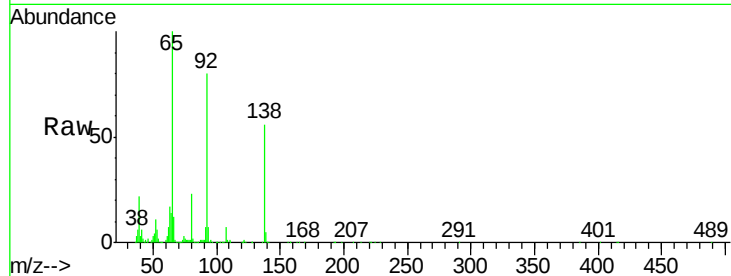
Instrument :

BNA_G

ClientSampleId :

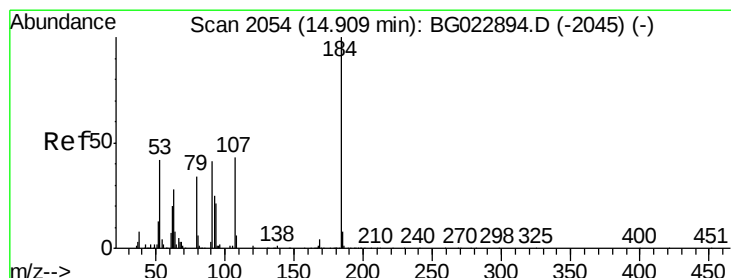
C3-5MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.1	11.7	17.5
92	142.4	129.7	194.5



SOHIL

7/11/2016 6:46:59 AM



#53

2,4-Dinitrophenol

Concen: 61.82 ng

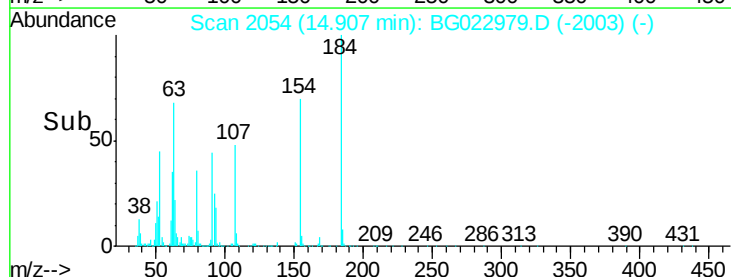
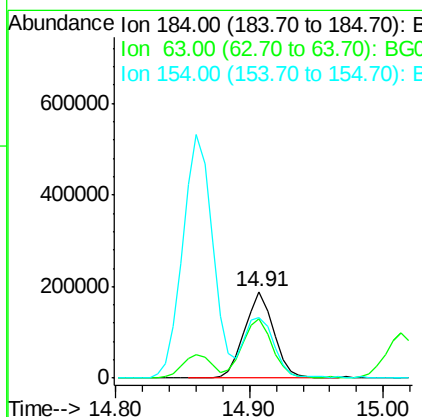
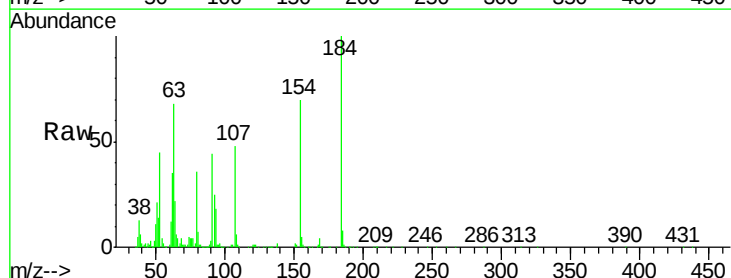
RT: 14.91 min Scan# 2054

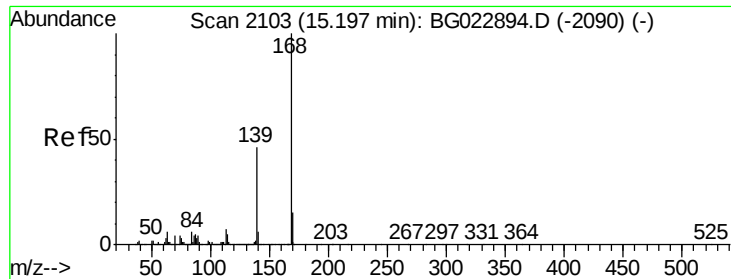
Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.4	59.6	89.4
154	69.6	67.4	101.0

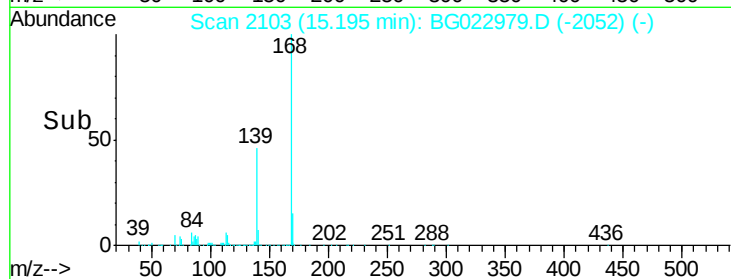
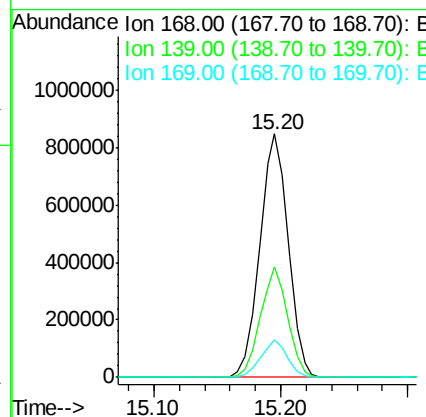
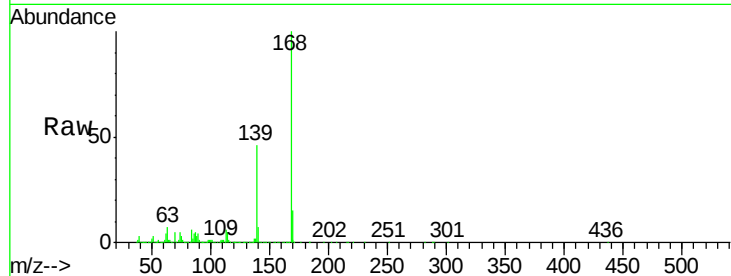




#54
Dibenzenofuran
Concen: 40.32 ng
RT: 15.20 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

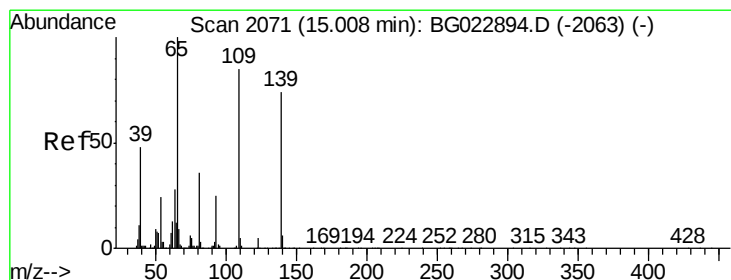
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:168 Resp: 1322045
Ion Ratio Lower Upper
168 100
139 45.6 36.4 54.6
169 15.4 11.9 17.9



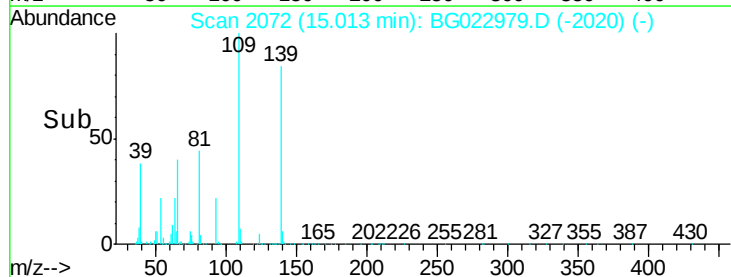
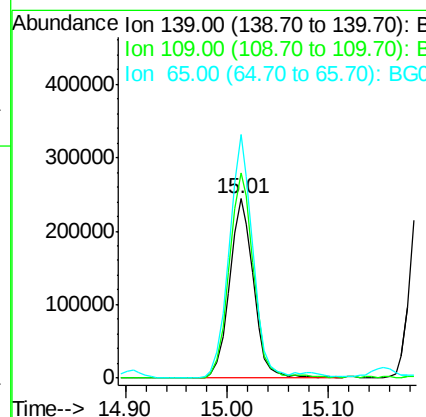
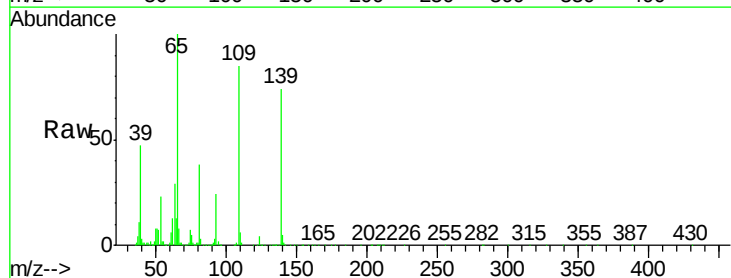
SOHIL

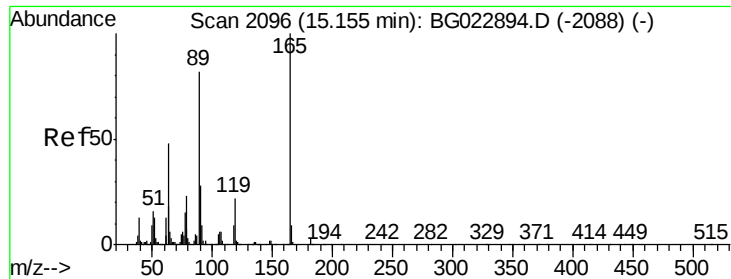
7/11/2016 6:46:59 AM



#55
4-Nitrophenol
Concen: 70.98 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:139 Resp: 399912
Ion Ratio Lower Upper
139 100
109 114.9 103.0 143.0
65 136.0 112.7 152.7

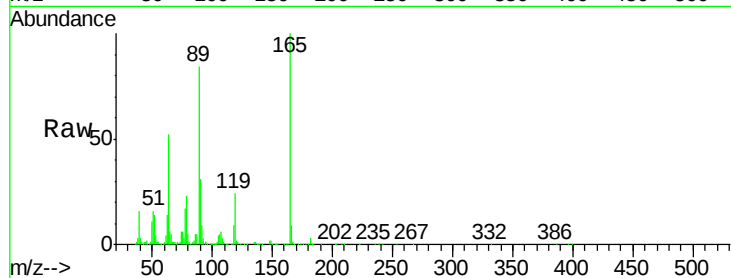




#56
2,4-Dinitrotoluene
Concen: 38.17 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:	165	Resp:	375083
Ion Ratio	Lower	Upper	
165	100		
63	52.1	45.8	68.6
89	83.8	68.6	102.8
182	2.8	2.0	3.0

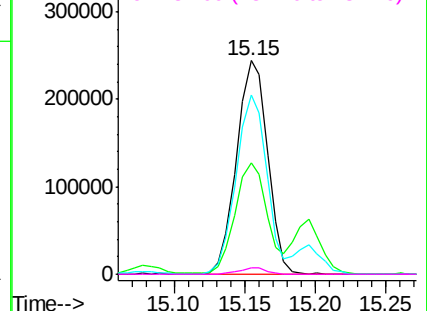


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

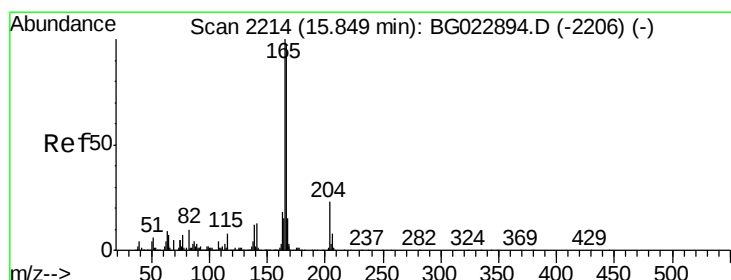
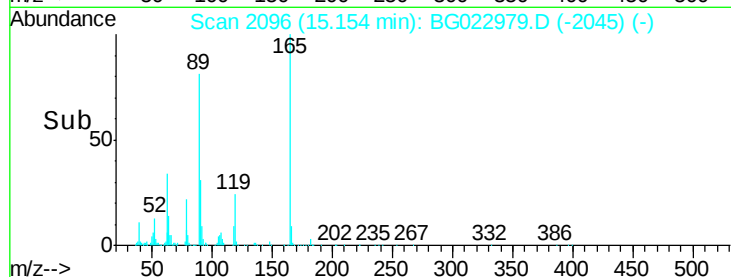
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



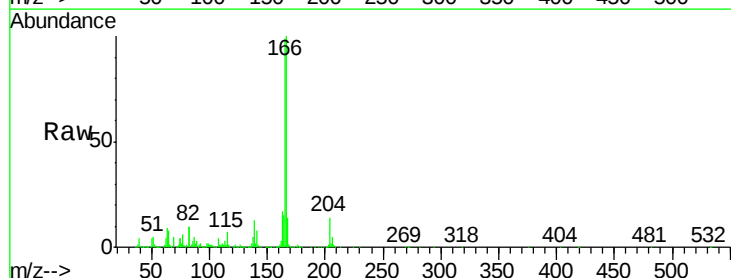
SOHIL

7/11/2016 6:46:59 AM



#57
Fluorene
Concen: 37.91 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

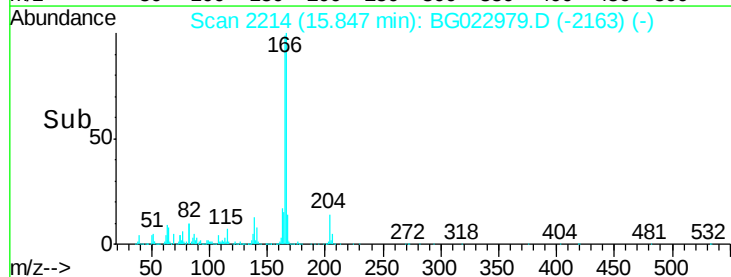
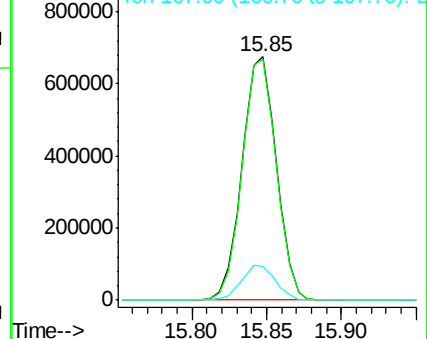
Tgt Ion:	166	Resp:	1069870
Ion Ratio	Lower	Upper	
166	100		
165	98.8	81.0	121.6
167	13.8	12.0	18.0

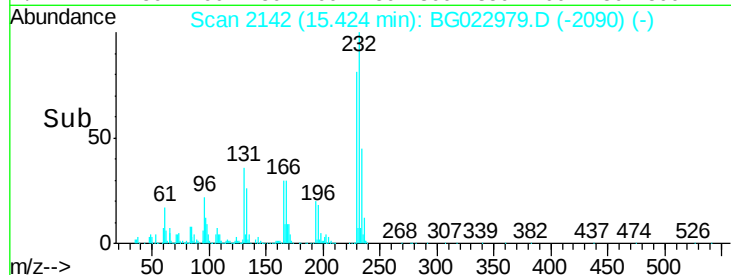
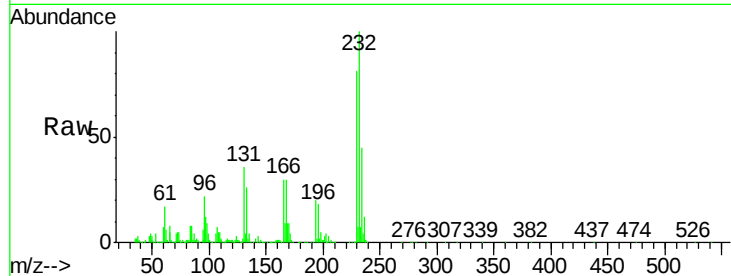
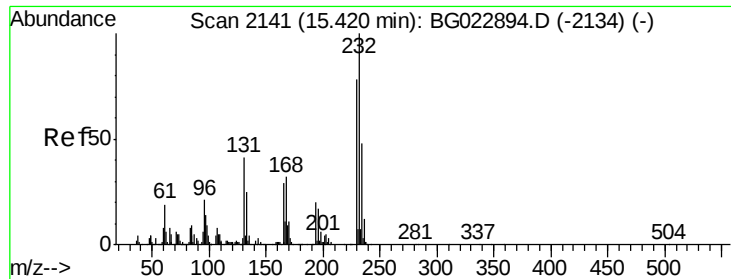


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

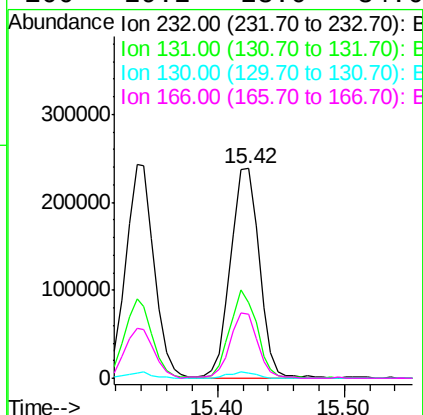




#58
2,3,4,6-Tetrachlorophenol
Concen: 40.31 ng
RT: 15.42 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

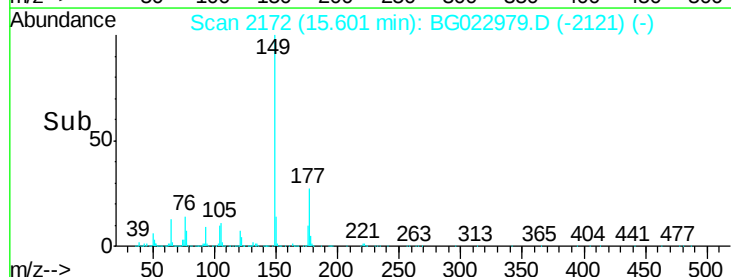
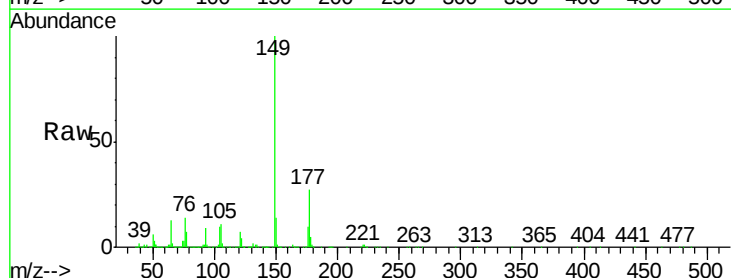
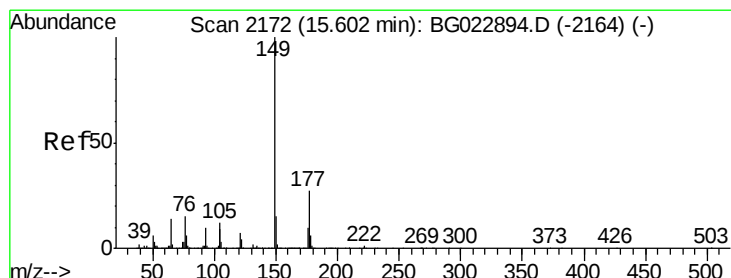
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:	232	Resp:	376627
Ion Ratio	Lower	Upper	
232	100		
131	39.1	32.7	49.1
130	2.7	2.6	3.8
166	29.2	23.0	34.6



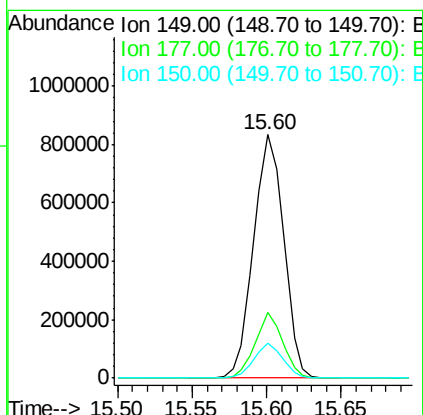
SOHIL

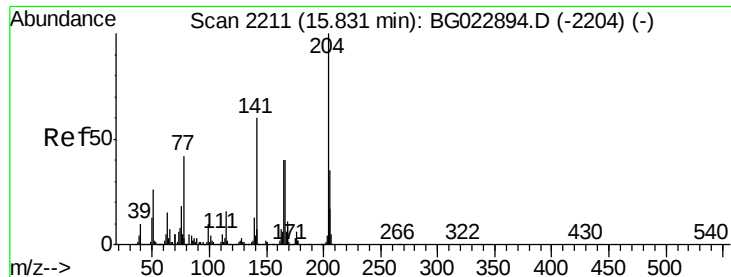
7/11/2016 6:46:59 AM



#59
Diethylphthalate
Concen: 38.03 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:	149	Resp:	1160563
Ion Ratio	Lower	Upper	
149	100		
177	26.9	19.2	28.8
150	14.2	10.6	16.0





#60

4-Chlorophenyl-phenylether

Concen: 36.59 ng

RT: 15.83 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Instrument :

BNA_G

ClientSampleId :

C3-5MS

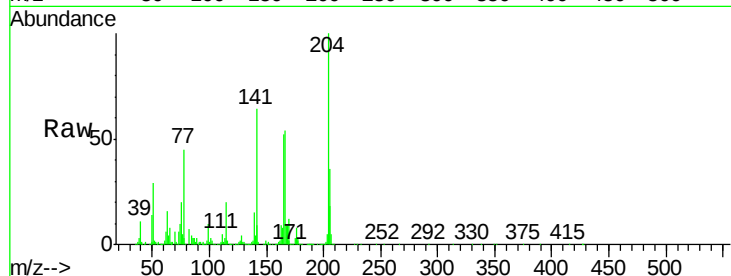
Tgt Ion:204 Resp: 628892

Ion Ratio Lower Upper

204 100

206 35.9 28.5 42.7

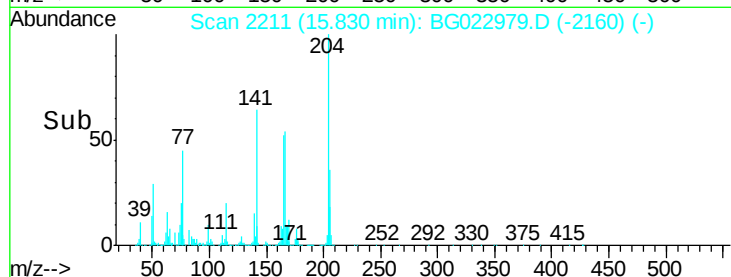
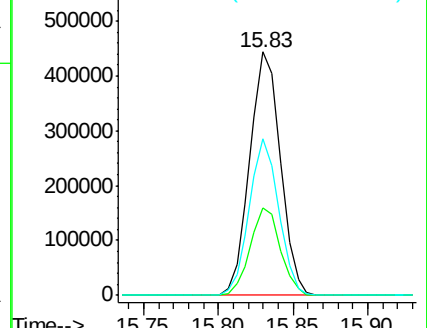
141 64.0 51.4 77.0



Abundance Ion 204.00 (203.70 to 204.70): E

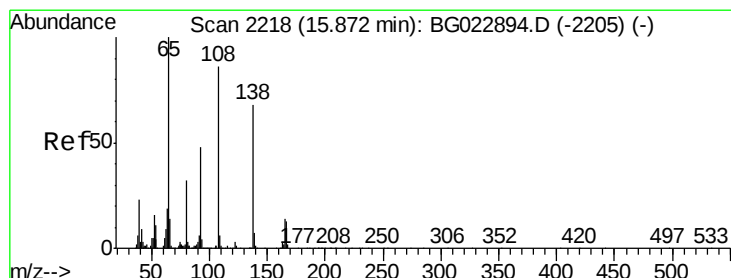
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



SOHIL

7/11/2016 6:46:59 AM



#61

4-Nitroaniline

Concen: 33.56 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

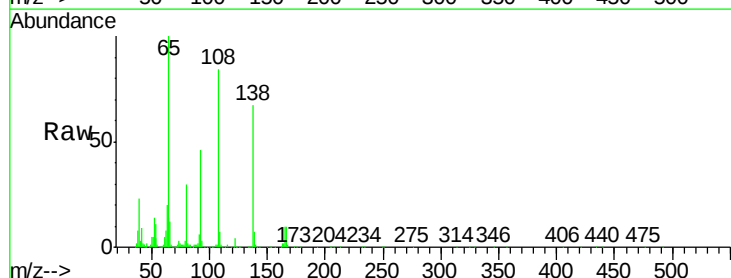
Tgt Ion:138 Resp: 244088

Ion Ratio Lower Upper

138 100

92 67.8 54.1 94.1

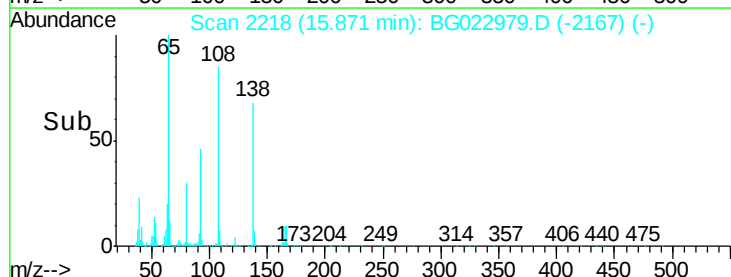
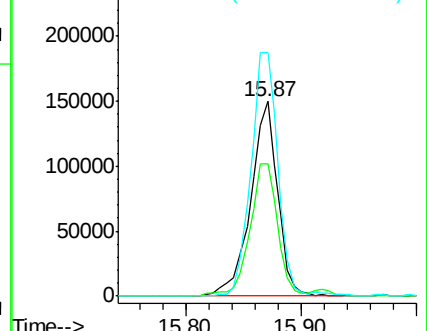
108 125.1 133.9 173.9#

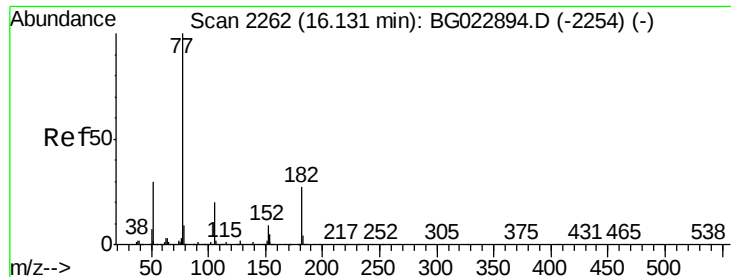


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 43.15 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Instrument :

BNA_G

ClientSampleId :

C3-5MS

Tgt Ion: 77 Resp: 1259543

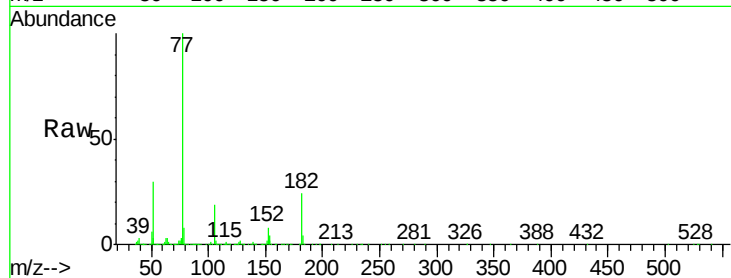
Ion Ratio Lower Upper

77 100

182 24.1 3.5 43.5

105 19.2 0.0 38.5

51 30.4 17.1 57.1

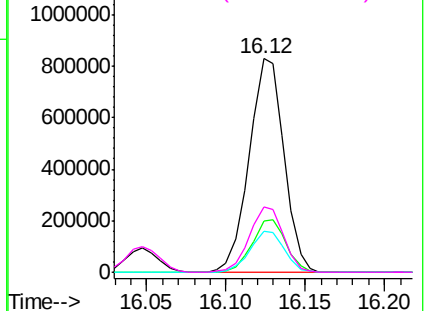


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

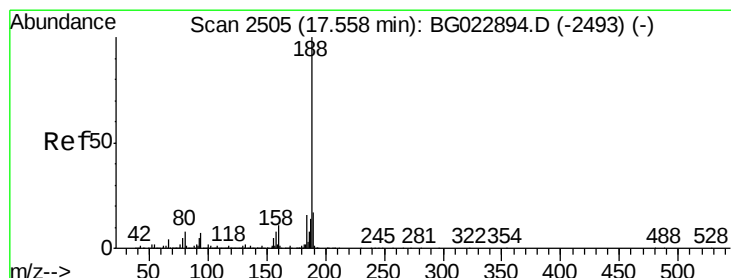
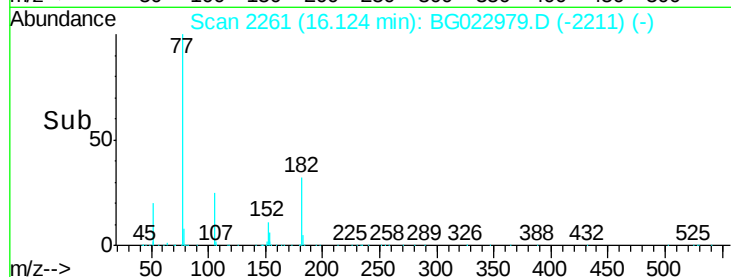
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



SOHIL

7/11/2016 6:46:59 AM



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

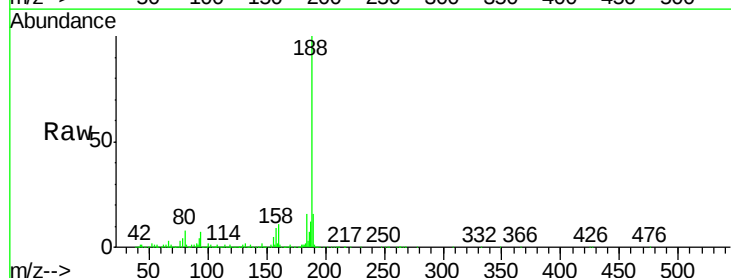
Tgt Ion: 188 Resp: 862509

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

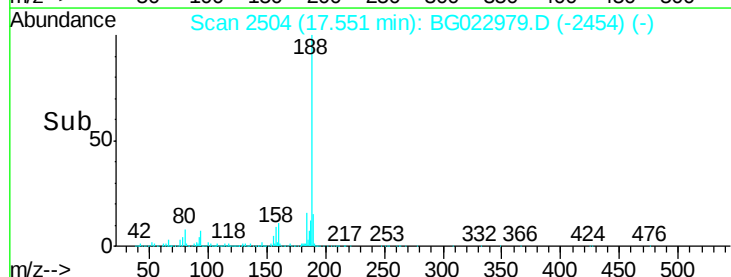
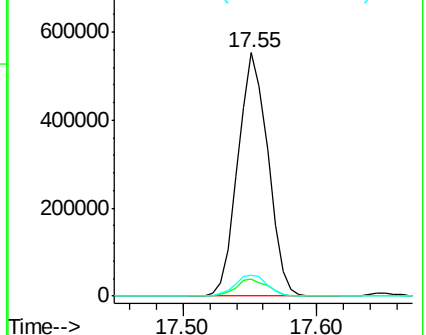
80 8.4 7.2 10.8

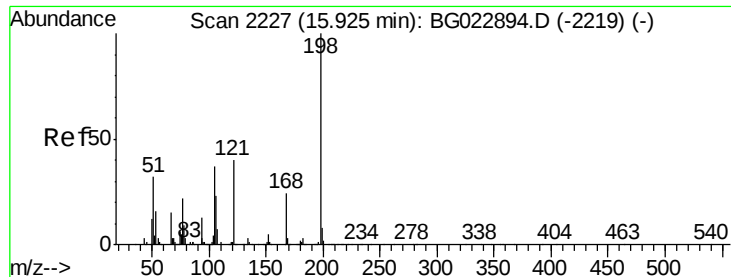


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 36.93 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Instrument :

BNA_G

ClientSampleId :

C3-5MS

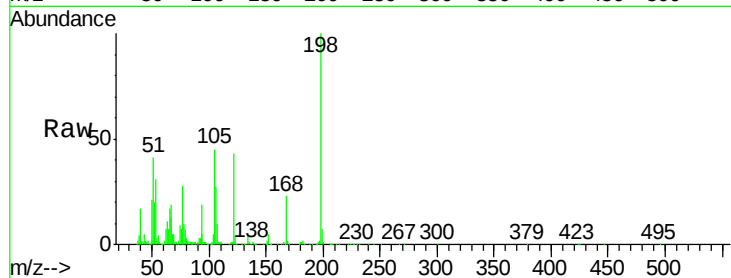
Tgt Ion:198 Resp: 236767

Ion Ratio Lower Upper

198 100

51 41.0 26.0 66.0

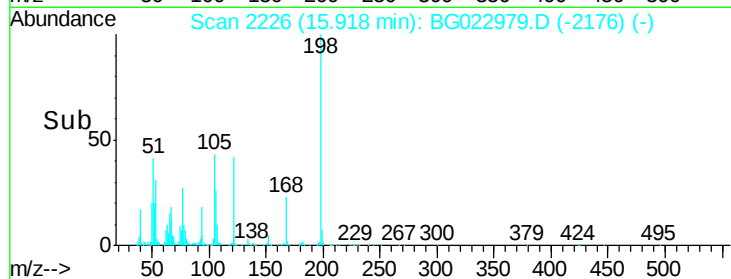
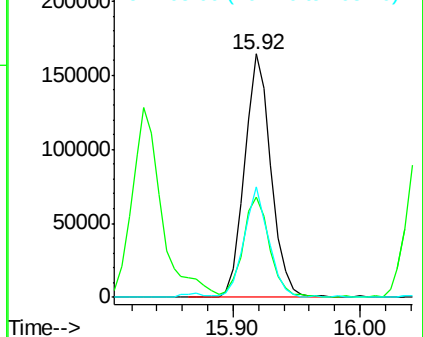
105 45.4 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E

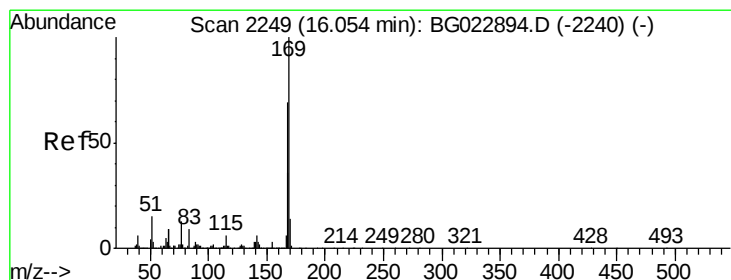
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



SOHIL

7/11/2016 6:46:59 AM



#65

n-Nitrosodiphenylamine

Concen: 39.70 ng

RT: 16.05 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

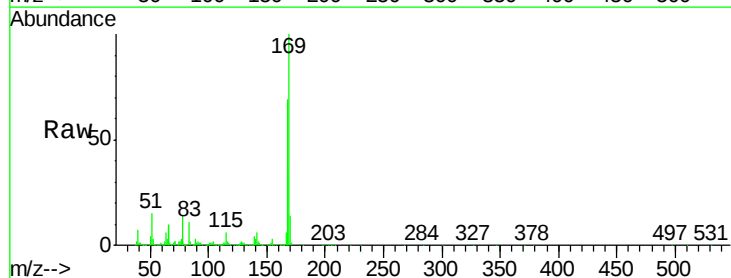
Tgt Ion:169 Resp: 986594

Ion Ratio Lower Upper

169 100

168 68.6 55.0 82.4

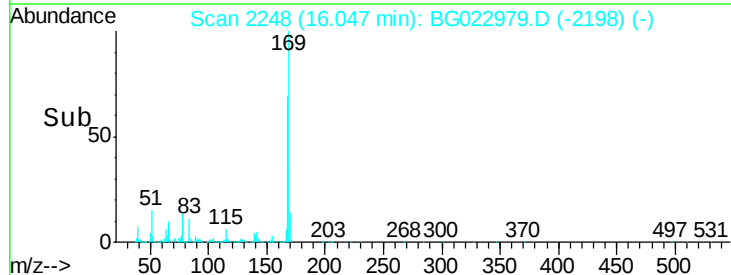
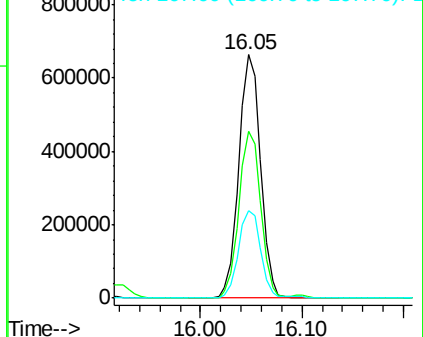
167 36.1 27.4 41.0

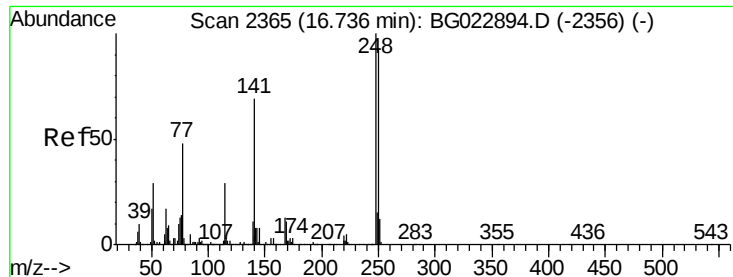


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

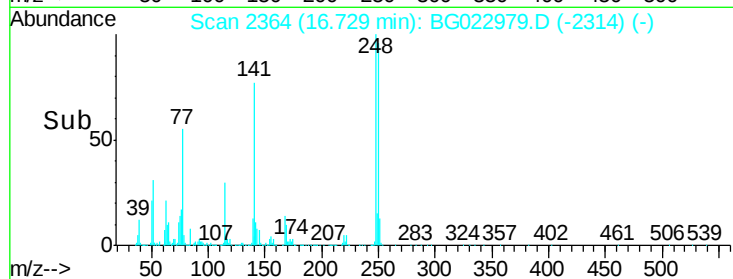
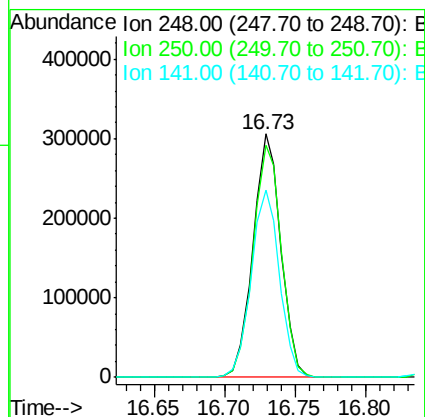
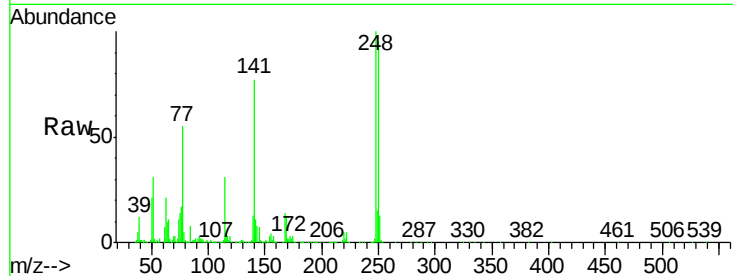




#66
4-Bromophenyl-phenylether
Concen: 37.70 ng
RT: 16.73 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

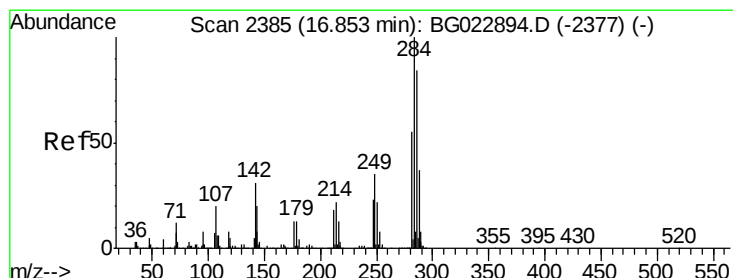
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.8	116.8
141	76.7	65.7	98.5



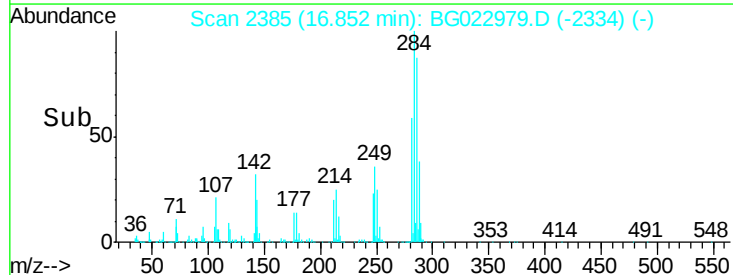
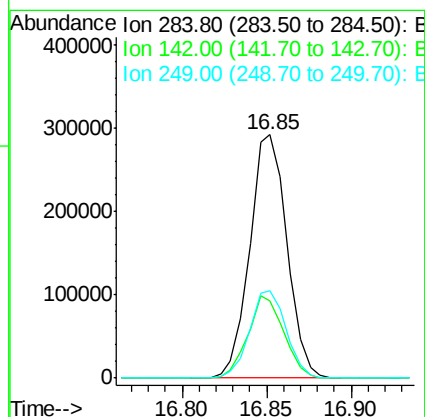
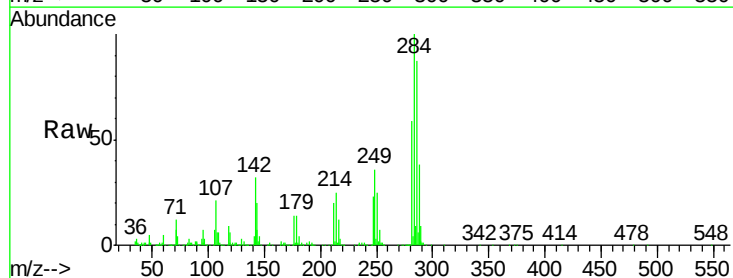
SOHIL

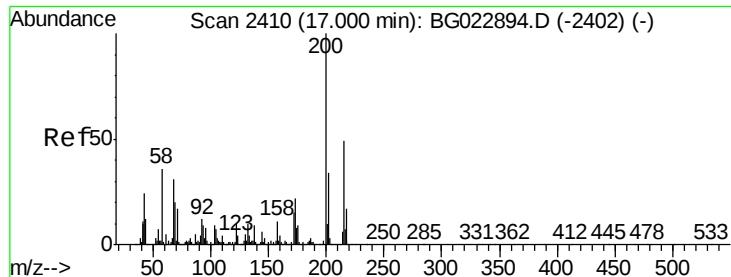
7/11/2016 6:46:59 AM



#67
Hexachlorobenzene
Concen: 36.48 ng
RT: 16.85 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	26.8	40.2
249	35.7	28.9	43.3

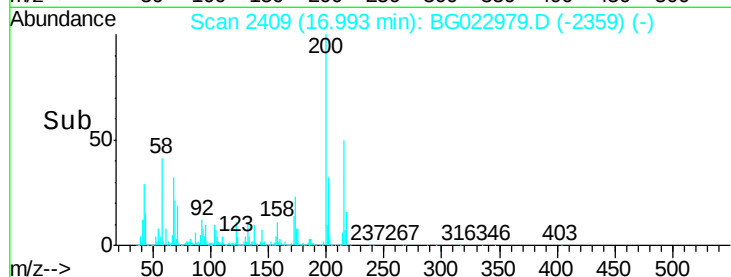
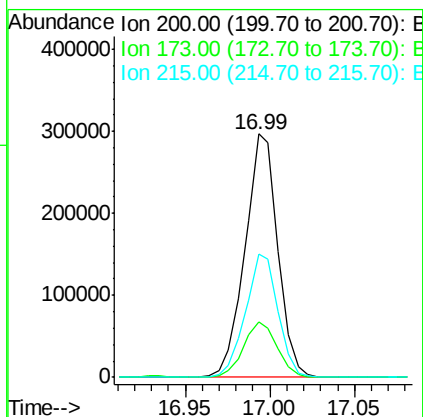
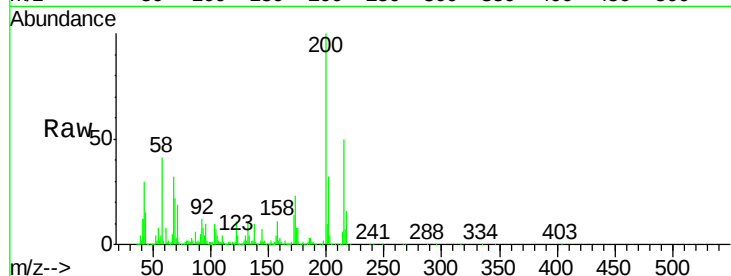




#68
Atrazine
Concen: 36.26 ng
RT: 16.99 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

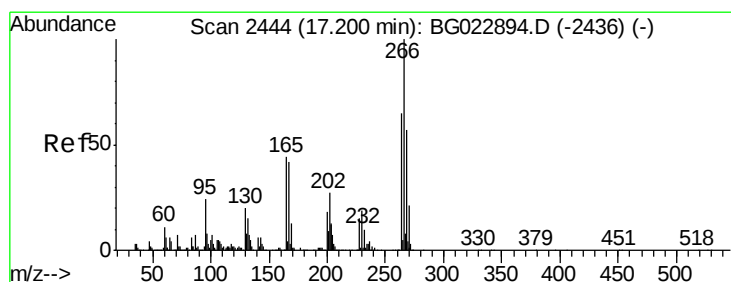
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.8	1.6	41.6
215	50.4	28.7	68.7



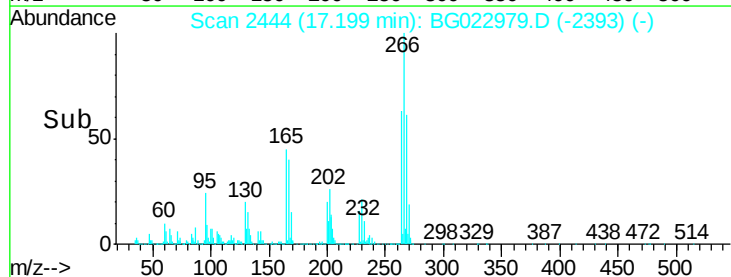
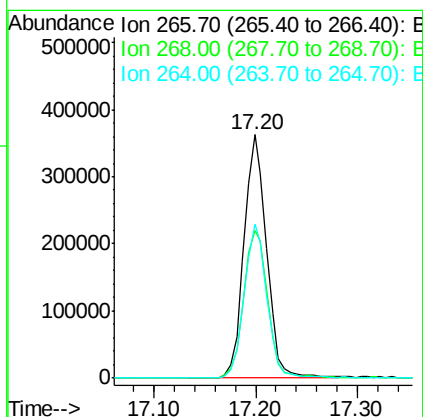
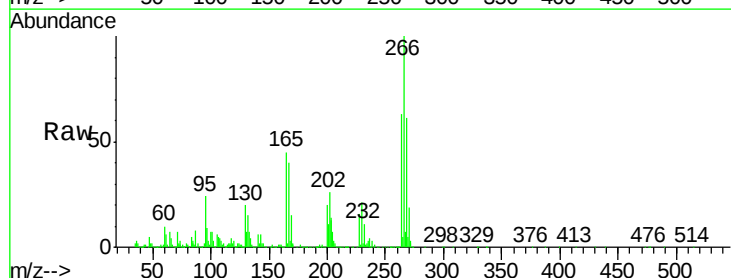
SOHIL

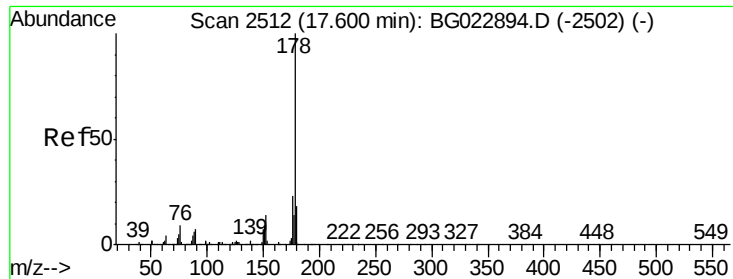
7/11/2016 6:46:59 AM



#69
Pentachlorophenol
Concen: 70.85 ng
RT: 17.20 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.9	77.9
264	63.1	50.6	75.8

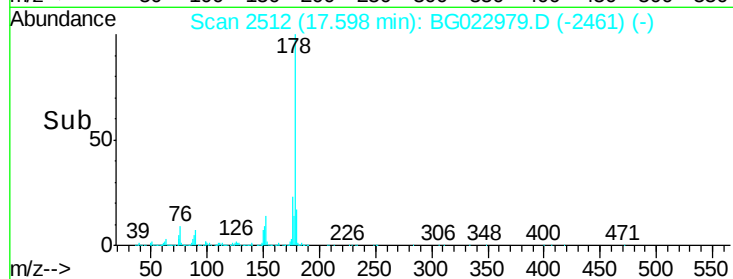
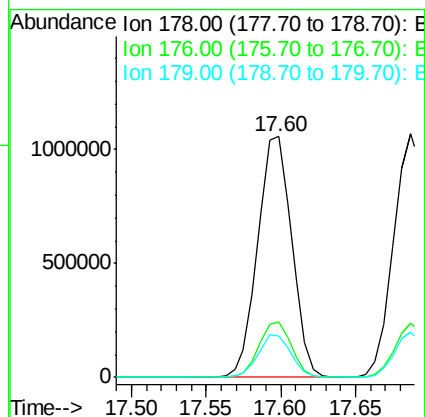
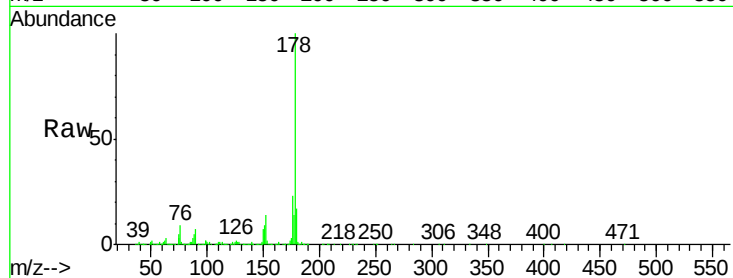




#70
Phenanthrene
Concen: 39.39 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

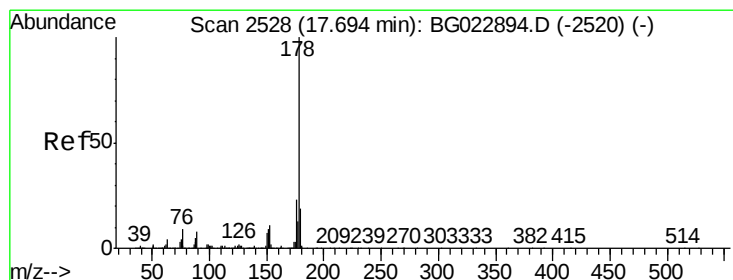
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:178 Resp: 1665115
Ion Ratio Lower Upper
178 100
176 22.8 16.8 25.2
179 17.4 14.3 21.5



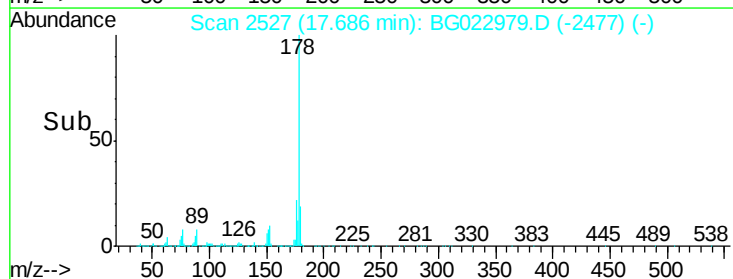
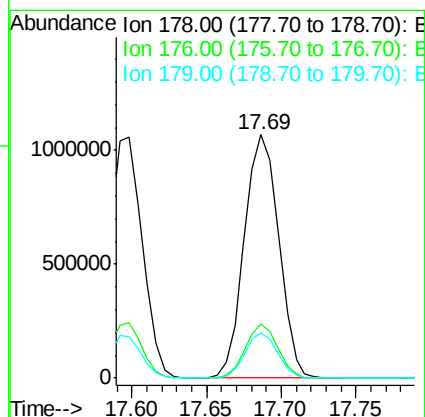
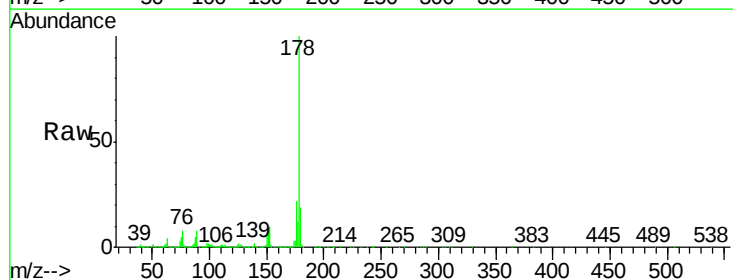
SOHIL

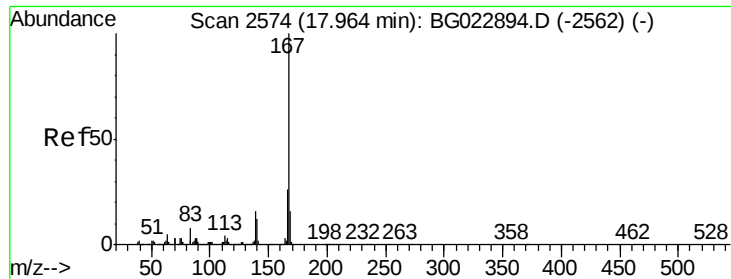
7/11/2016 6:46:59 AM



#71
Anthracene
Concen: 39.87 ng
RT: 17.69 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:178 Resp: 1706431
Ion Ratio Lower Upper
178 100
176 22.1 17.3 25.9
179 18.6 14.0 21.0





#72

Carbazole

Concen: 39.92 ng

RT: 17.96 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Instrument :

BNA_G

ClientSampleId :

C3-5MS

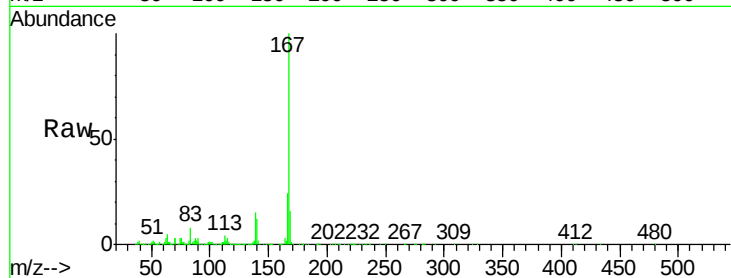
Tgt Ion:167 Resp: 1476542

Ion Ratio Lower Upper

167 100

166 23.6 20.7 31.1

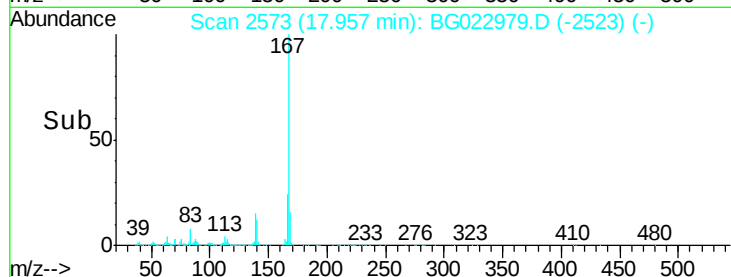
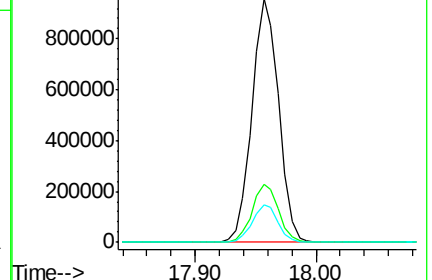
139 15.5 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

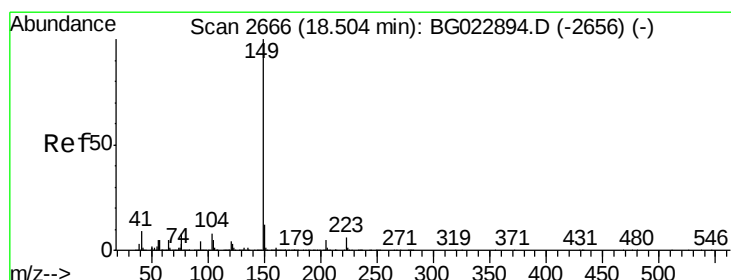
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



SOHIL

7/11/2016 6:46:59 AM



#73

Di-n-butylphthalate

Concen: 42.60 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

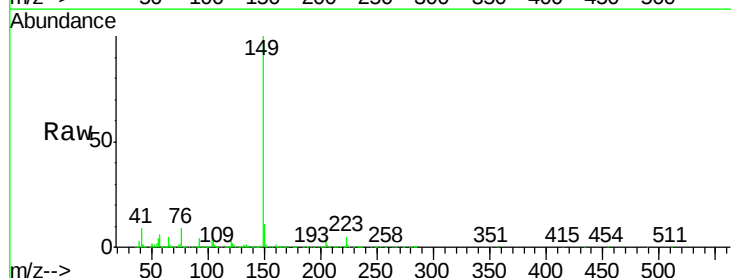
Tgt Ion:149 Resp: 1752163

Ion Ratio Lower Upper

149 100

150 11.5 9.1 13.7

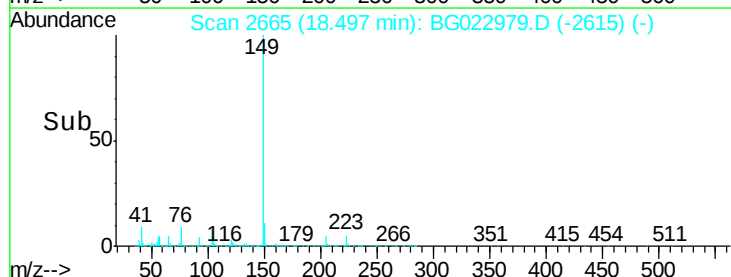
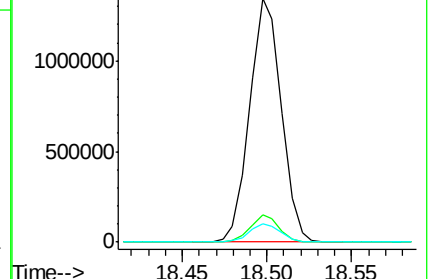
104 7.7 6.9 10.3

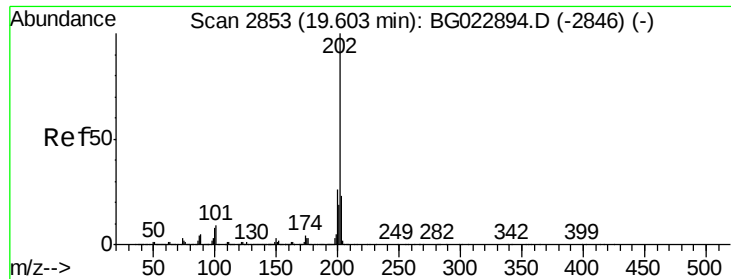


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 37.79 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

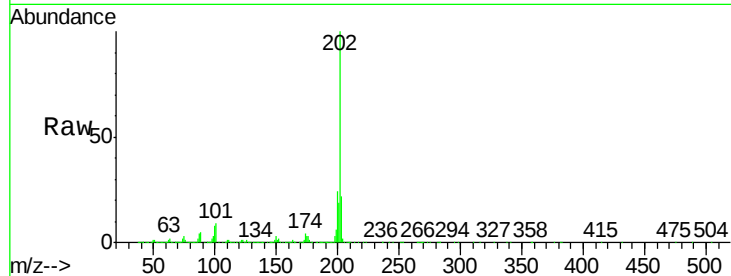
Instrument :

BNA_G

ClientSampleId :

C3-5MS

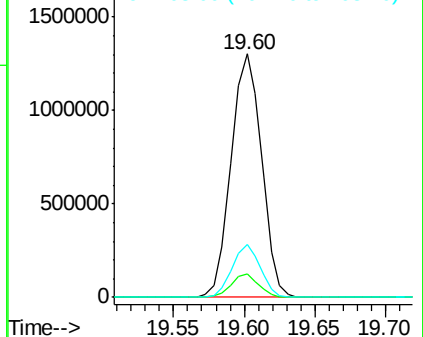
Tgt Ion:	202	Resp:	1960318
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	27.4
203	21.8	1.7	41.7



Abundance Ion 202.00 (201.70 to 202.70): E

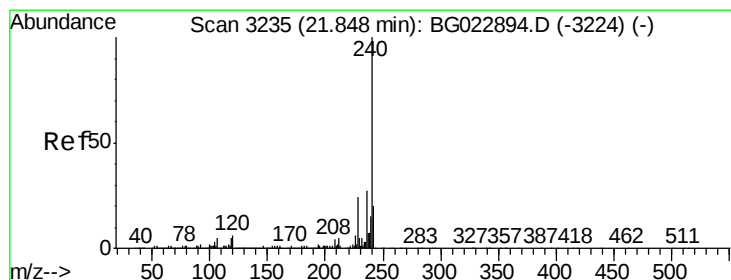
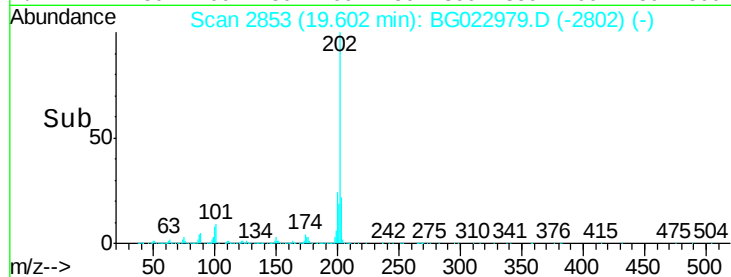
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



SOHIL

7/11/2016 6:46:59 AM



#75

Chrysene-d12

Concen: 20.00 ng

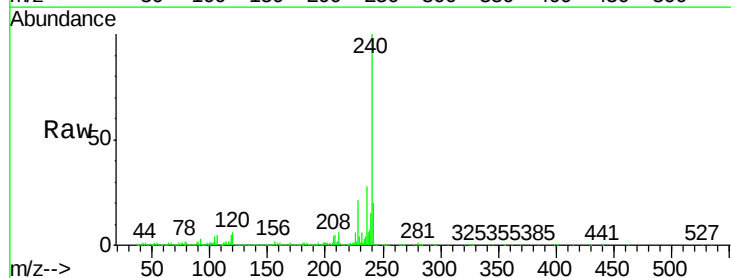
RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

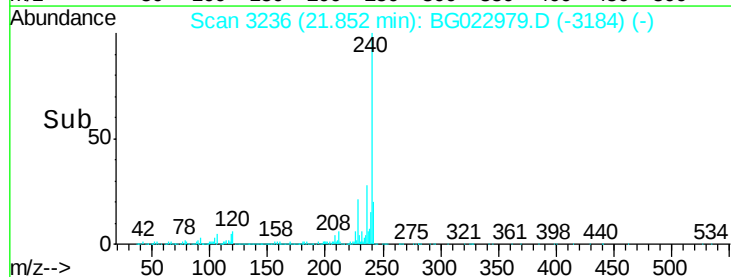
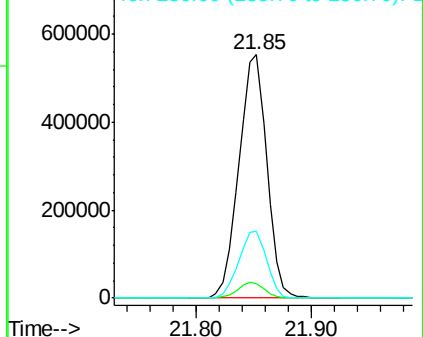
Tgt Ion:	240	Resp:	922098
Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.1	6.1
236	27.7	21.1	31.7

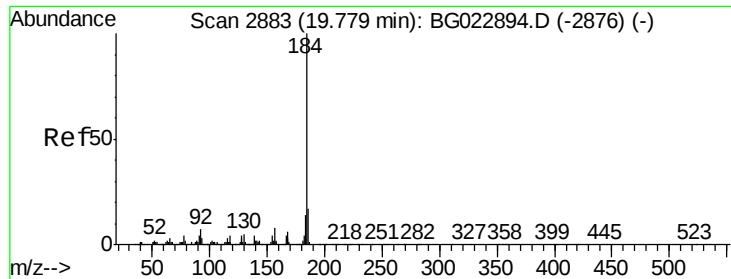


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 59.78 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Instrument :

BNA_G

ClientSampleId :

C3-5MS

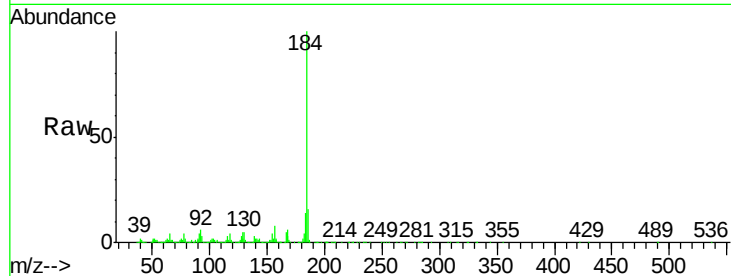
Tgt Ion:184 Resp: 1580335

Ion Ratio Lower Upper

184 100

185 16.2 12.6 19.0

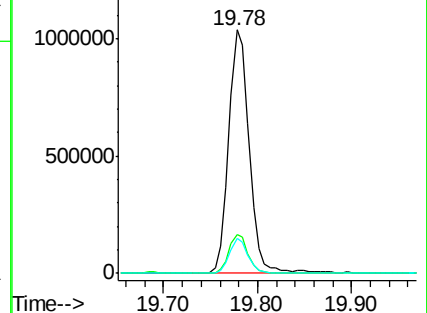
183 14.3 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

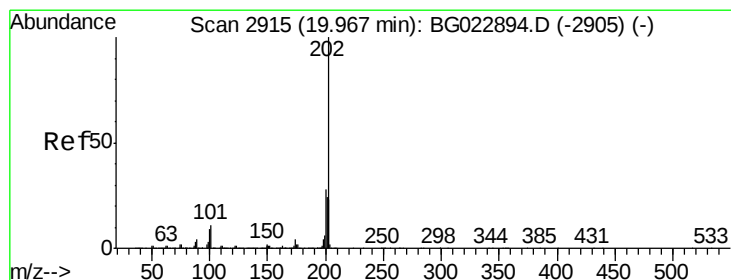
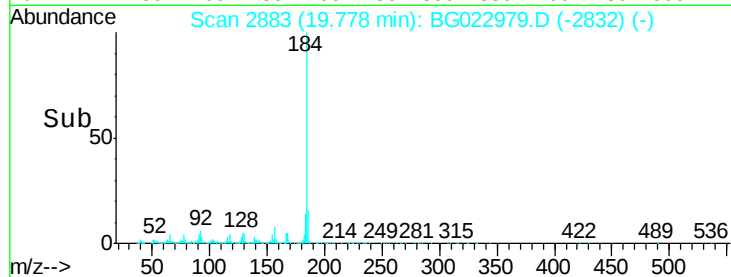
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



SOHIL

7/11/2016 6:46:59 AM



#77

Pyrene

Concen: 37.74 ng

RT: 19.97 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

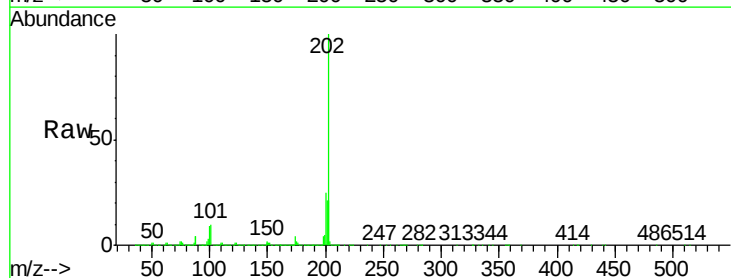
Tgt Ion:202 Resp: 1955719

Ion Ratio Lower Upper

202 100

200 25.4 21.2 31.8

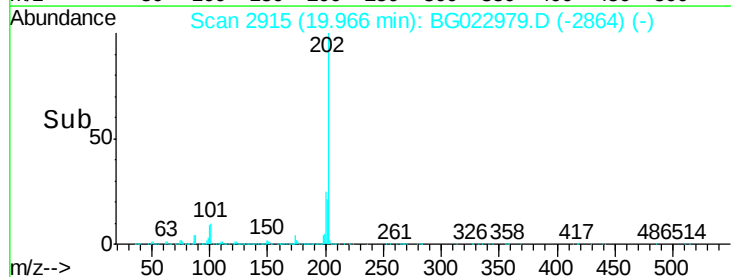
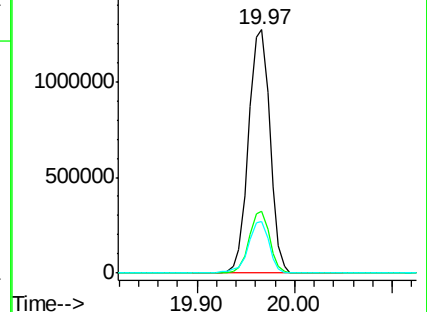
203 21.1 16.8 25.2

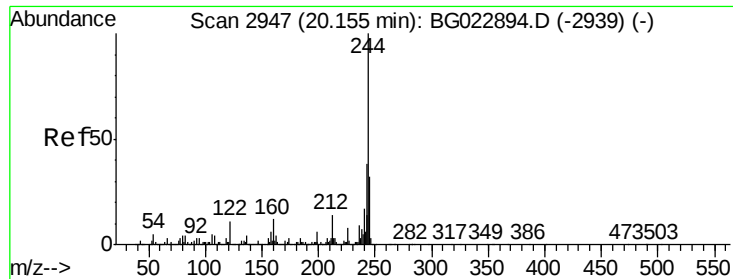


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 85.63 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

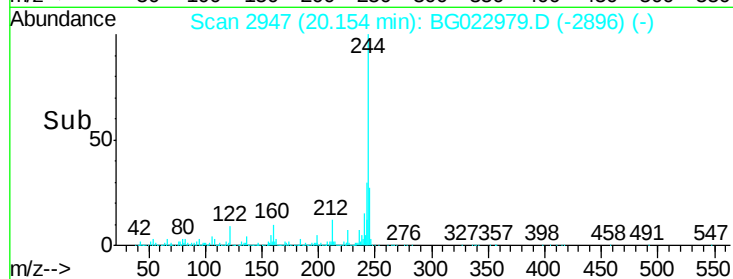
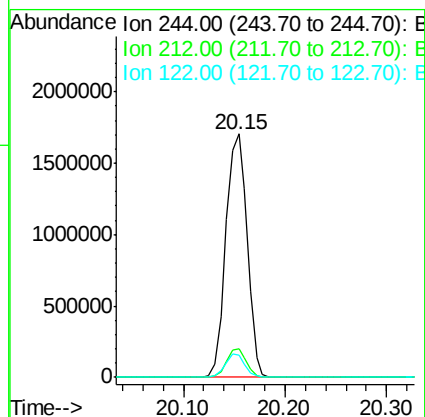
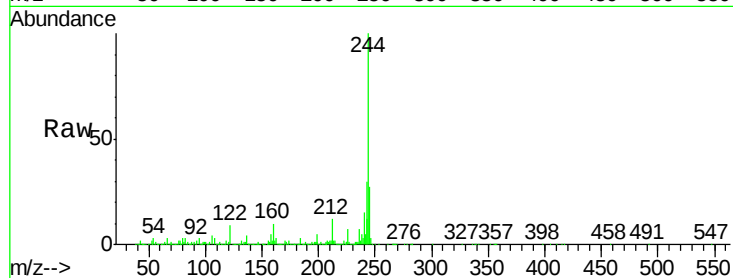
Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Instrument :
BNA_G
ClientSampleId :
C3-5MS

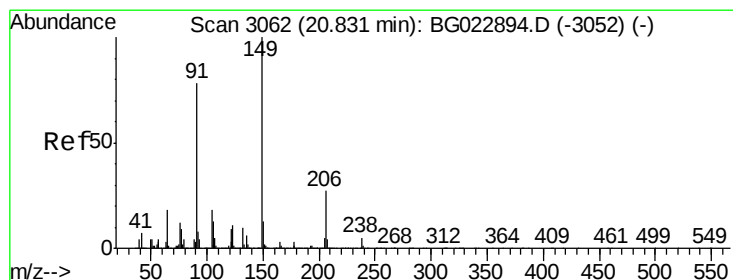
Tgt Ion:244 Resp: 2482435

Ion	Ratio	Lower	Upper
244	100		
212	12.0	10.8	16.2
122	9.3	8.0	12.0



SOHIL

7/11/2016 6:46:59 AM



#79

Butylbenzylphthalate

Concen: 41.04 ng

RT: 20.84 min Scan# 3063

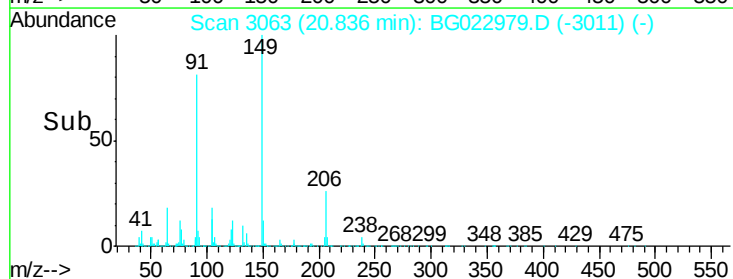
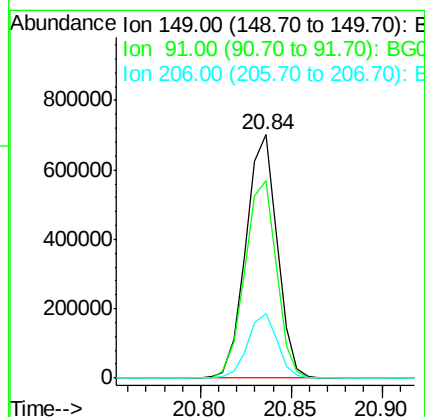
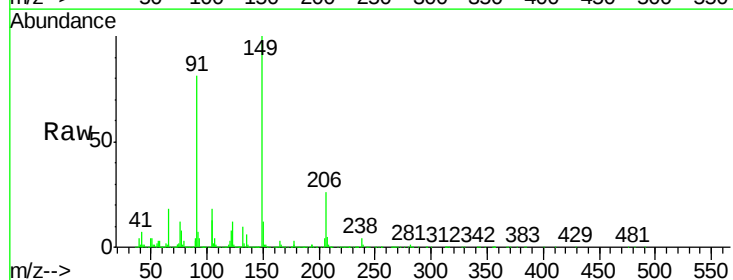
Delta R.T. 0.00 min

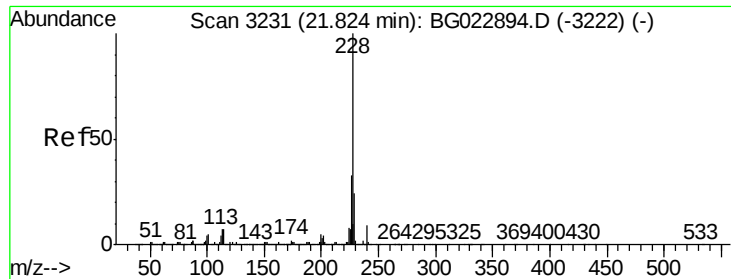
Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Tgt Ion:149 Resp: 842316

Ion	Ratio	Lower	Upper
149	100		
91	81.4	68.1	102.1
206	26.4	19.8	29.6

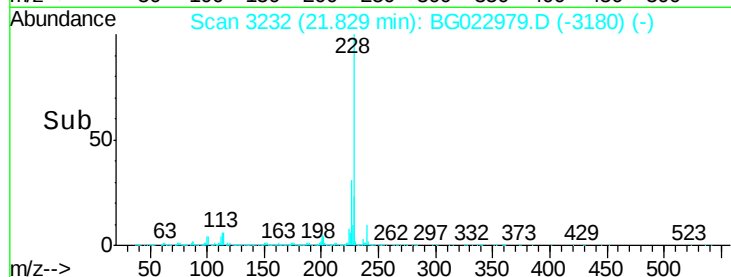
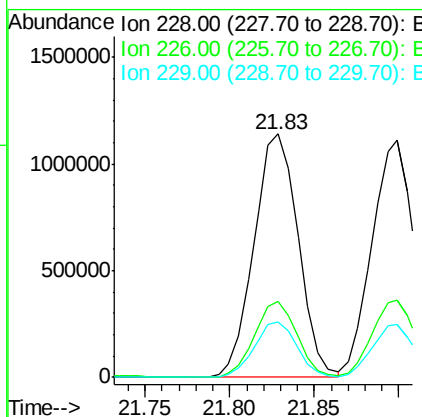
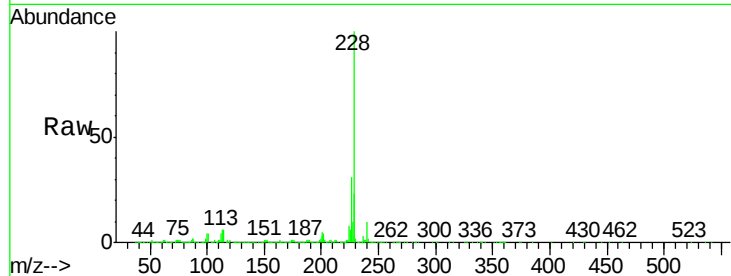




#80
Benzo(a)anthracene
Concen: 40.23 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

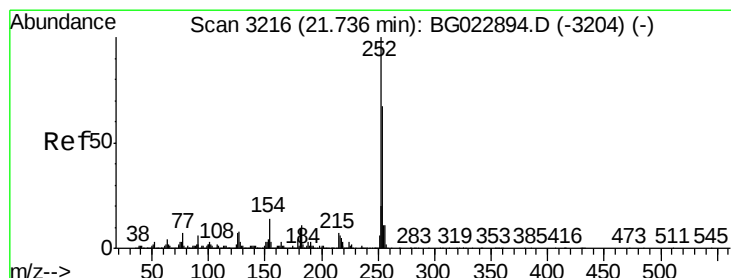
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion: 228 Resp: 2075282
Ion Ratio Lower Upper
228 100
226 31.1 25.3 37.9
229 22.8 19.9 29.9



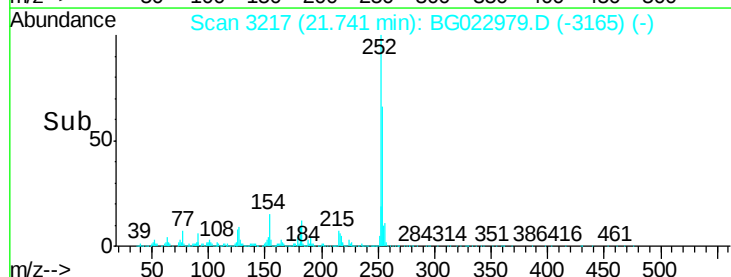
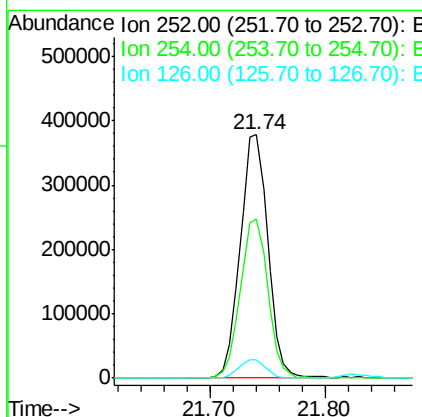
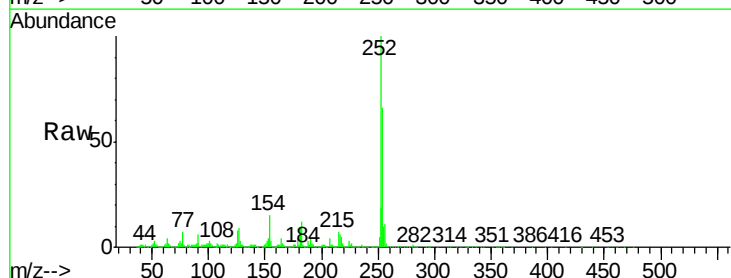
SOHIL

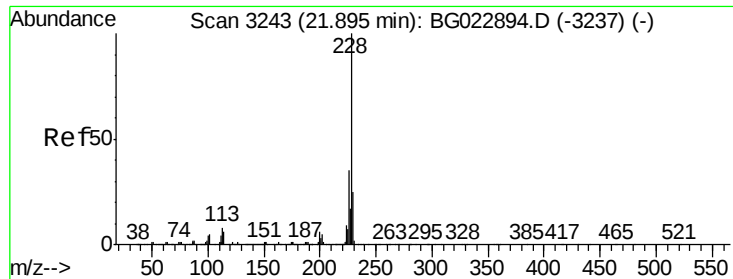
7/11/2016 6:46:59 AM



#81
3,3'-Dichlorobenzidine
Concen: 27.87 ng
RT: 21.74 min Scan# 3217
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion: 252 Resp: 631222
Ion Ratio Lower Upper
252 100
254 65.5 51.2 76.8
126 7.7 5.3 7.9

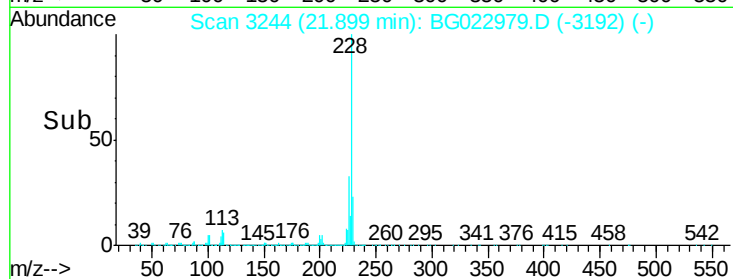
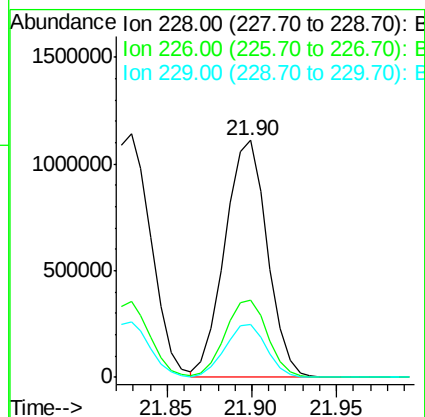
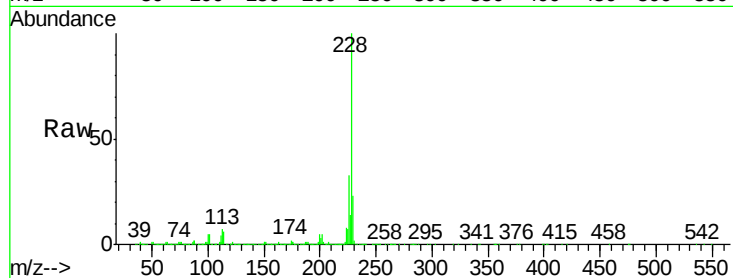




#82
Chrysene
Concen: 39.95 ng
RT: 21.90 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

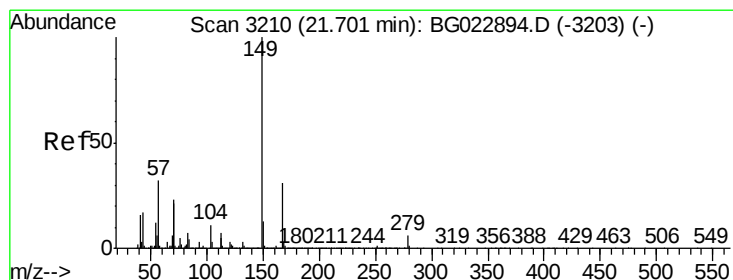
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:228 Resp: 1933265
Ion Ratio Lower Upper
228 100
226 32.8 26.7 40.1
229 22.6 17.4 26.2



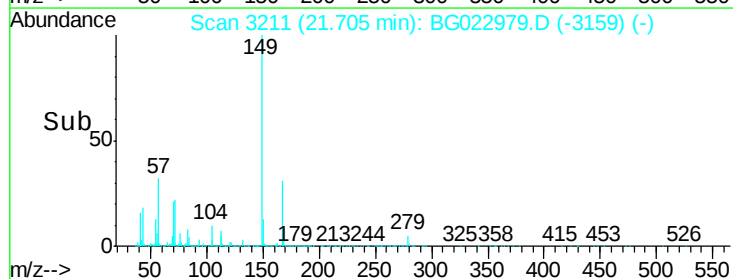
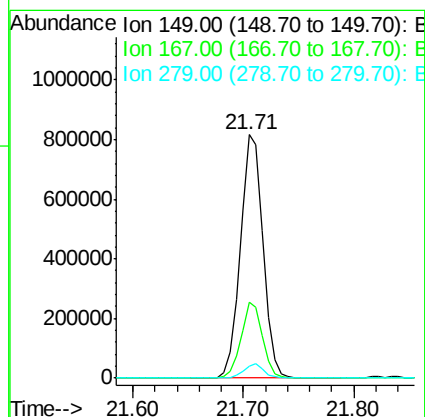
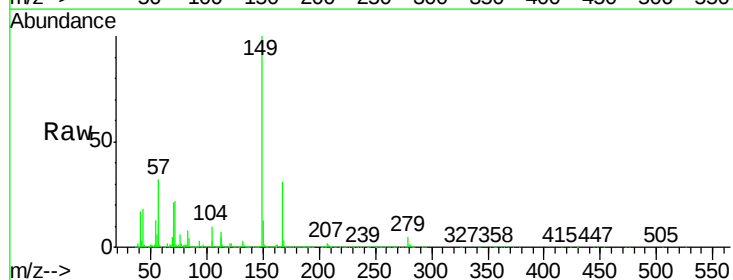
SOHIL

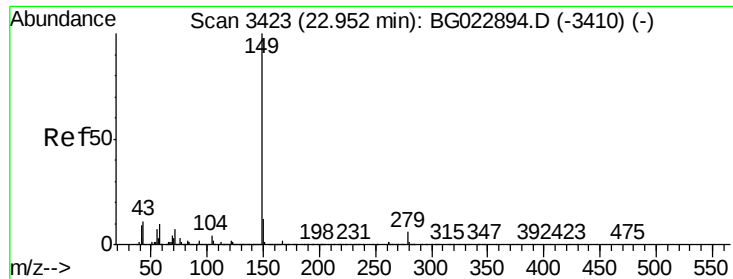
7/11/2016 6:46:59 AM



#83
Bis(2-ethylhexyl)phthalate
Concen: 40.97 ng
RT: 21.71 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:149 Resp: 1167628
Ion Ratio Lower Upper
149 100
167 31.0 24.0 36.0
279 5.1 4.8 7.2





#84

Di-n-octyl phthalate

Concen: 41.31 ng

RT: 22.96 min Scan# 3425

Delta R.T. 0.01 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

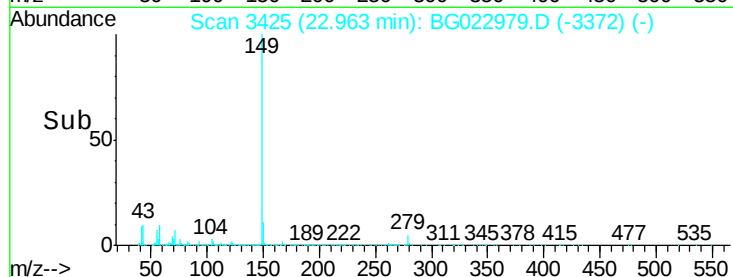
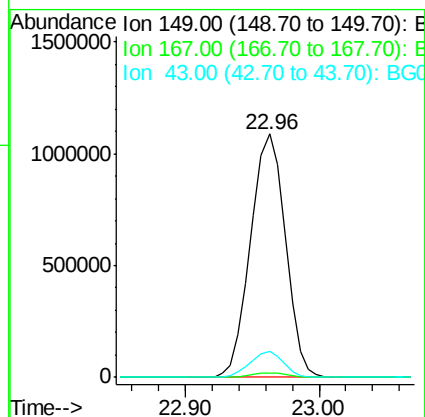
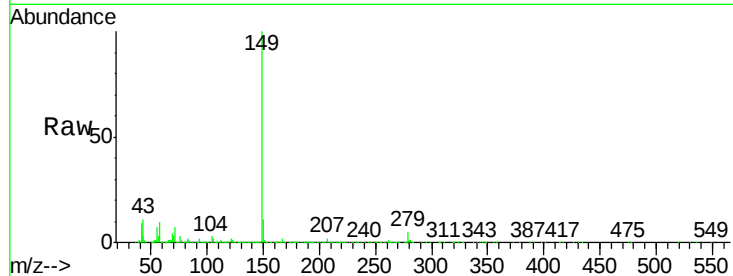
Instrument :

BNA_G

ClientSampleId :

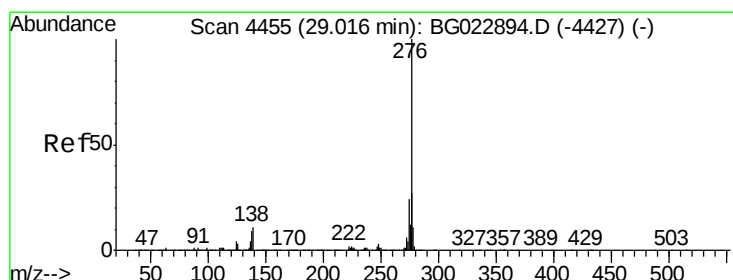
C3-5MS

Tgt Ion:	149	Resp:	1963216
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	10.1	8.8	13.2



SOHIL

7/11/2016 6:46:59 AM



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.77 ng

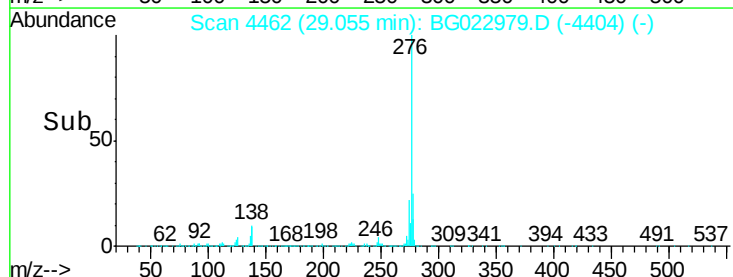
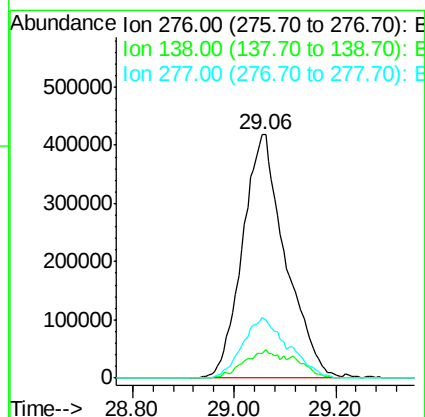
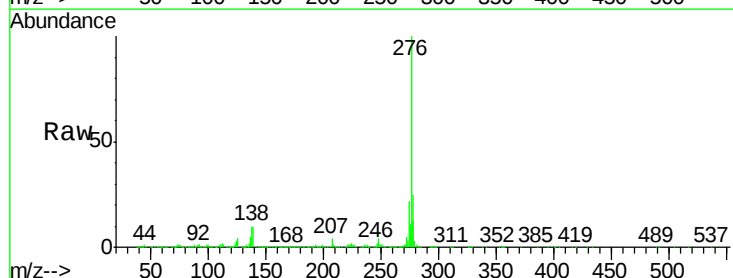
RT: 29.06 min Scan# 4462

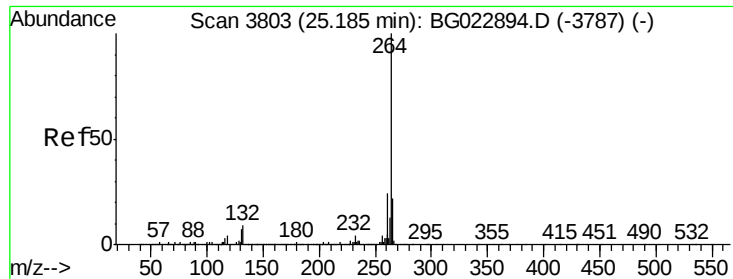
Delta R.T. 0.04 min

Lab File: BG022979.D

Acq: 10 Jul 2016 00:09

Tgt Ion:	276	Resp:	2454067
Ion	Ratio	Lower	Upper
276	100		
138	9.9	0.0	0.0#
277	26.5	0.0	0.0#

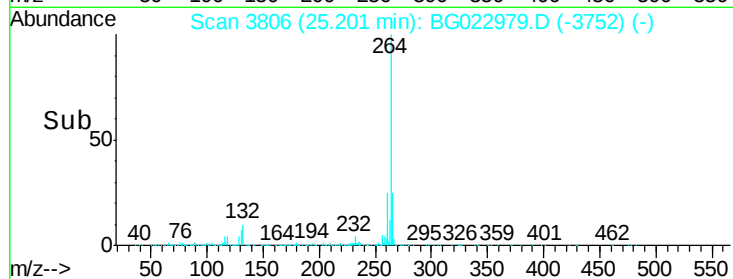
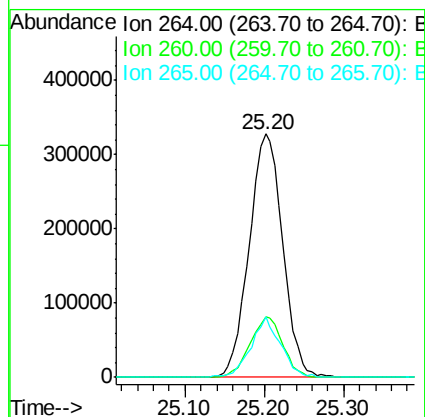
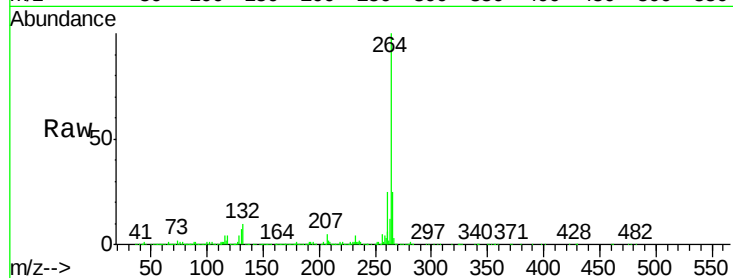




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. 0.02 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

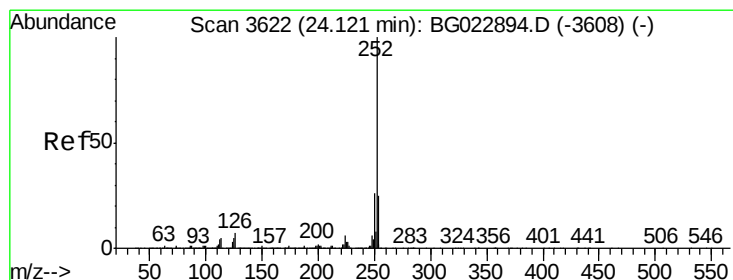
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:	264	Resp:	964428
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.4	27.6
265	24.8	18.9	28.3



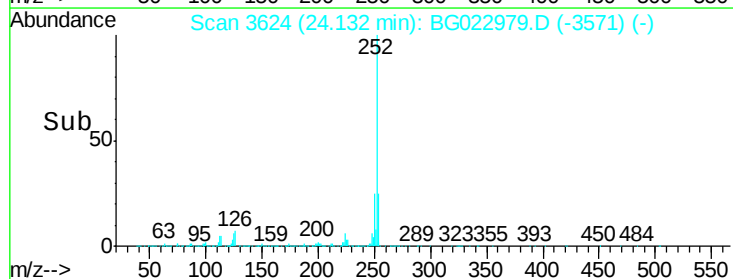
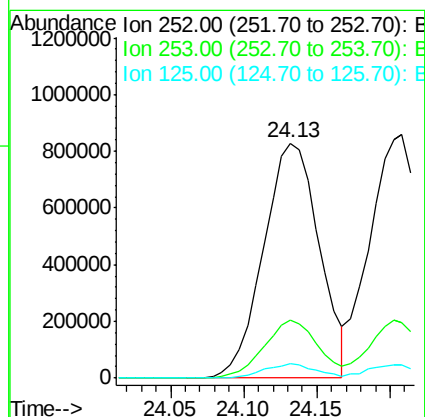
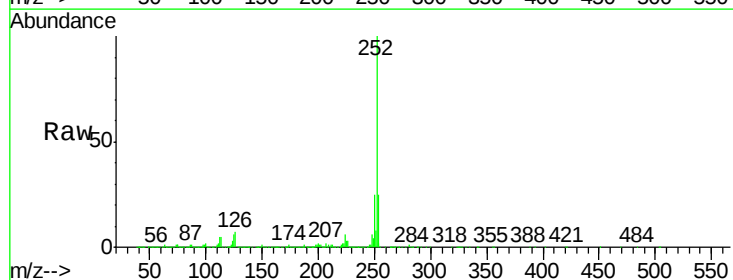
SOHIL

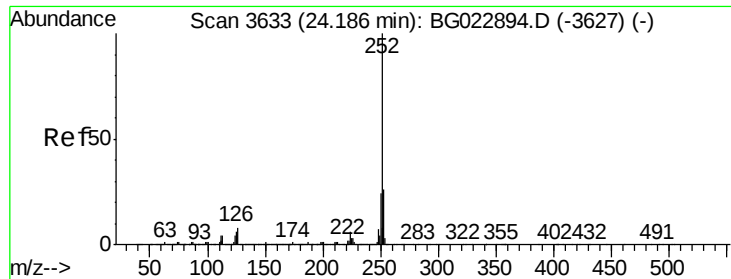
7/11/2016 6:46:59 AM



#87
Benzo(b)fluoranthene
Concen: 39.54 ng m
RT: 24.13 min Scan# 3624
Delta R.T. 0.01 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:	252	Resp:	2200280
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.9	28.3
125	6.1	3.9	5.9#

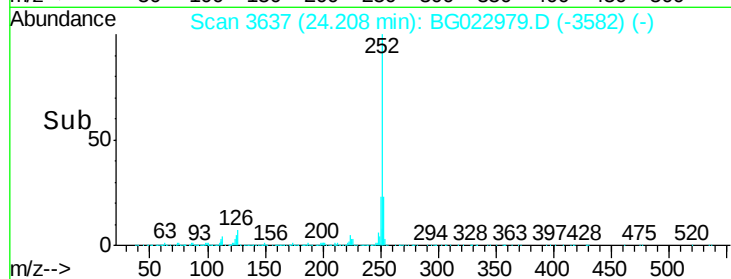
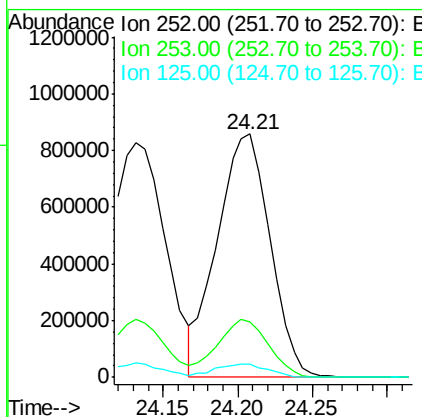
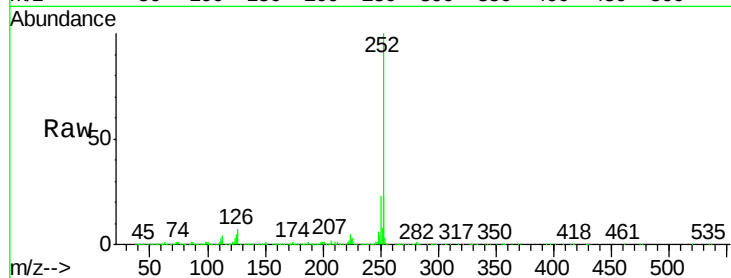




#88
Benzo(k)fluoranthene
Concen: 39.94 ng
RT: 24.21 min Scan# 3637
Delta R.T. 0.02 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

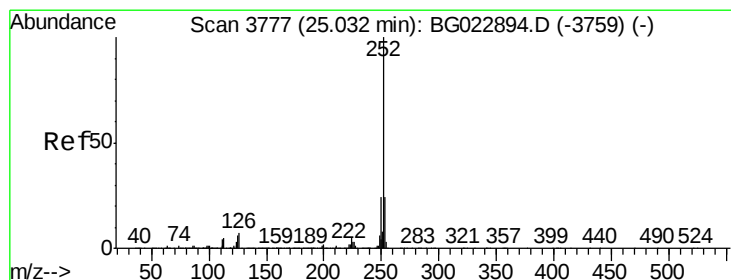
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:252 Resp: 2108738
Ion Ratio Lower Upper
252 100
253 22.9 18.8 28.2
125 5.5 3.2 4.8#



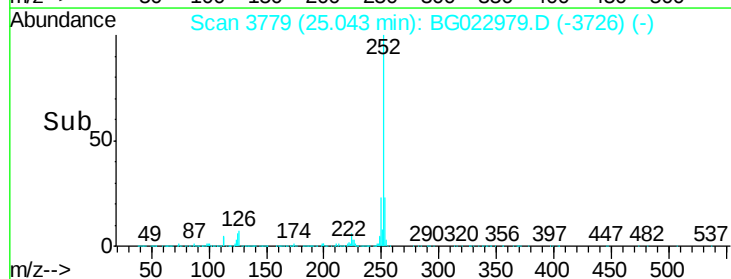
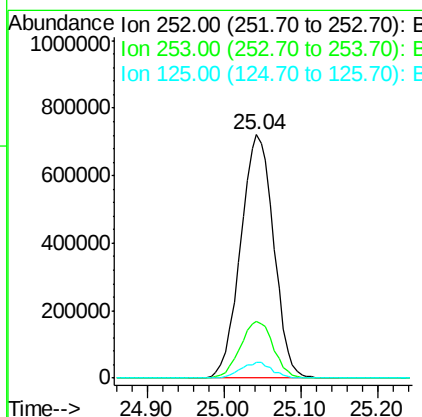
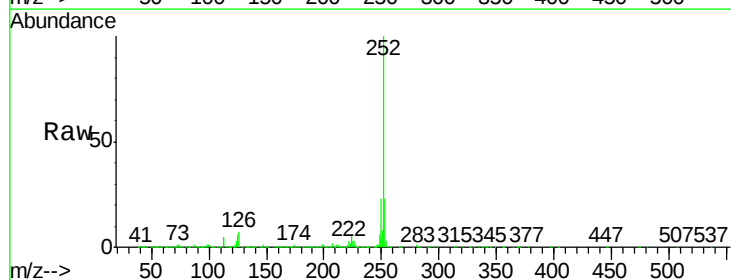
SOHIL

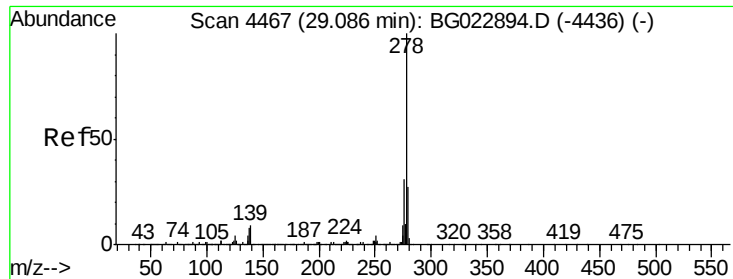
7/11/2016 6:46:59 AM



#89
Benzo(a)pyrene
Concen: 40.62 ng
RT: 25.04 min Scan# 3779
Delta R.T. 0.01 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:252 Resp: 2166784
Ion Ratio Lower Upper
252 100
253 23.3 18.7 28.1
125 6.3 3.9 5.9#

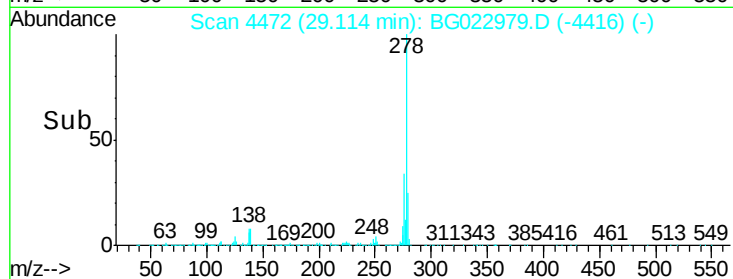
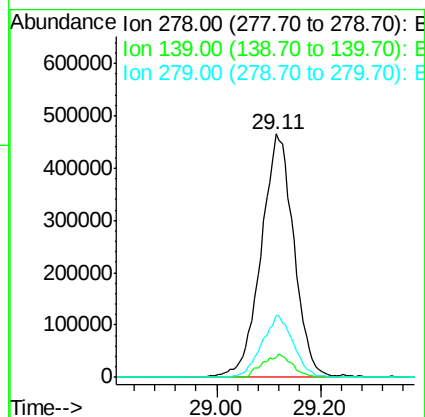
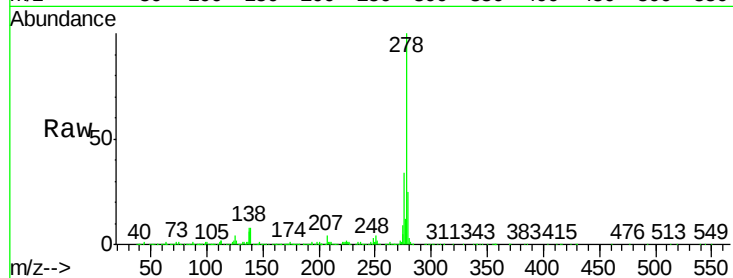




#90
Dibenzo(a,h)anthracene
Concen: 38.54 ng
RT: 29.11 min Scan# 4472
Delta R.T. 0.03 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

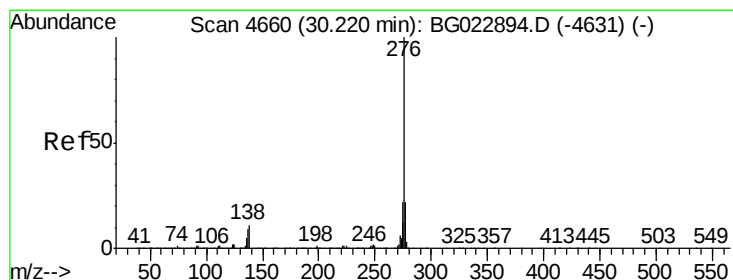
Instrument :
BNA_G
ClientSampleId :
C3-5MS

Tgt Ion:278 Resp: 2040054
Ion Ratio Lower Upper
278 100
139 8.2 4.7 7.1#
279 25.4 18.3 27.5



SOHIL

7/11/2016 6:46:59 AM



#91
Benzo(g,h,i)perylene
Concen: 38.48 ng
RT: 30.26 min Scan# 4667
Delta R.T. 0.04 min
Lab File: BG022979.D
Acq: 10 Jul 2016 00:09

Tgt Ion:276 Resp: 2040200
Ion Ratio Lower Upper
276 100
277 25.2 18.6 27.8
138 12.1 6.8 10.2#

