

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022980.D
 Acq On : 10 Jul 2016 00:49
 Operator : UM/SJ
 Sample : H3935-14MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C3-5MSD

Quant Time: Jul 11 04:54:30 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

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 7/11/2016 6:47:01 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	94162	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	455494	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	351638	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	834772	20.00	ng	0.00
75) Chrysene-d12	21.85	240	917186	20.00	ng	0.00
86) Perylene-d12	25.19	264	922663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	977906	169.85	ng	0.00
7) Phenol-d6	7.31	99	1525439	169.17	ng	0.00
23) Nitrobenzene-d5	9.33	82	1081578	101.68	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	853277	135.02	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2177424	97.54	ng	0.00
78) Terphenyl-d14	20.15	244	2998811	123.63	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.97	79	295875	38.64	ng	95
4) n-Nitrosodimethylamine	3.88	42	168884	51.40	ng	# 80
6) Aniline	7.47	93	586762	46.95	ng	97
8) 2-Chlorophenol	7.72	128	368511	60.15	ng	98
9) Benzaldehyde	7.28	77	267829	44.45	ng	89
10) Phenol	7.33	94	586606	63.23	ng	90
11) bis(2-Chloroethyl)ether	7.56	93	381957	51.94	ng	90
12) 1,3-Dichlorobenzene	8.04	146	369972	49.33	ng	95
13) 1,4-Dichlorobenzene	8.19	146	383320	51.05	ng	96
14) 1,2-Dichlorobenzene	8.51	146	377874	50.62	ng	92
15) Benzyl Alcohol	8.39	79	510885	61.86	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	471274	52.46	ng	98
17) 2-Methylphenol	8.60	107	370109	61.28	ng	94
18) Hexachloroethane	9.24	117	160364	50.60	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	403496	49.64	ng	95
20) 3+4-Methylphenols	8.93	107	514514	61.08	ng	98
22) Acetophenone	8.98	105	669683	48.99	ng	# 94
24) Nitrobenzene	9.37	77	600530	53.13	ng	95
25) Isophorone	9.89	82	1079879	50.47	ng	97
26) 2-Nitrophenol	10.08	139	238548	53.78	ng	87
27) 2,4-Dimethylphenol	10.14	122	409196	53.37	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	607878	50.94	ng	99
29) 2,4-Dichlorophenol	10.62	162	461103	56.39	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	456339	48.70	ng	98
31) Naphthalene	11.03	128	1173190	50.60	ng	99
32) Benzoic acid	10.25	122	177848	25.50	ng	99
33) 4-Chloroaniline	11.14	127	367994	32.45	ng	94
34) Hexachlorobutadiene	11.31	225	352081	46.35	ng	97
35) Caprolactam	11.92	113	162651m	48.35	ng	
36) 4-Chloro-3-methylphenol	12.26	107	585729	52.37	ng	94
37) 2-Methylnaphthalene	12.63	142	956362	52.19	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	636844	42.03	ng	98
40) Hexachlorocyclopentadiene	12.97	237	801761	91.91	ng	98
42) 2,4,6-Trichlorophenol	13.23	196	462368	53.09	ng	99

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

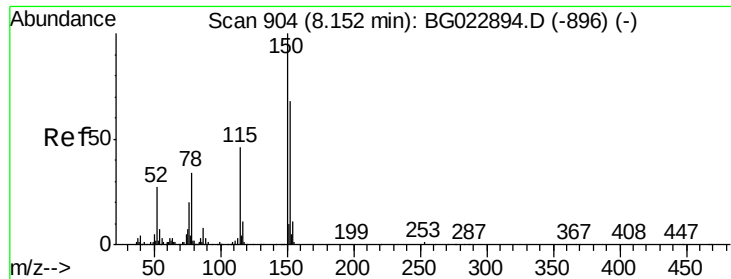
Instrument :
 BNA_G
 ClientSampleId :
 C3-5MSD

Quant Time: Jul 11 04:54:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	481833	53.87	ng	95
45) 1,1'-Biphenyl	13.63	154	1321769	50.10	ng	97
46) 2-Chloronaphthalene	13.68	162	1083086	50.61	ng	96
47) 2-Nitroaniline	13.88	65	472993	51.79	ng	97
48) Acenaphthylene	14.52	152	1627197	50.68	ng	98
49) Dimethylphthalate	14.25	163	1791475	62.37	ng	97
50) 2,6-Dinitrotoluene	14.37	165	336706	52.16	ng	90
51) Acenaphthene	14.86	154	1070049	51.00	ng	96
52) 3-Nitroaniline	14.71	138	263312	40.91	ng	86
53) 2,4-Dinitrophenol	14.91	184	387448	87.47	ng	93
54) Dibenzofuran	15.19	168	1699078	54.11	ng	99
55) 4-Nitrophenol	15.02	139	539048	99.90	ng	93
56) 2,4-Dinitrotoluene	15.16	165	497957	52.91	ng	# 93
57) Fluorene	15.85	166	1384551	51.23	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	493948	55.20	ng	99
59) Diethylphthalate	15.61	149	1479136	50.61	ng	96
60) 4-Chlorophenyl-phenylether	15.83	204	815746	49.55	ng	97
61) 4-Nitroaniline	15.88	138	327121	46.97	ng	# 85
62) Azobenzene	16.13	77	1631342	58.36	ng	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	314069	50.62	ng	98
65) n-Nitrosodiphenylamine	16.05	169	1292135	53.73	ng	97
66) 4-Bromophenyl-phenylether	16.73	248	561867	51.73	ng	96
67) Hexachlorobenzene	16.85	284	591548	50.09	ng	98
68) Atrazine	17.00	200	549211	51.48	ng	98
69) Pentachlorophenol	17.20	266	742973	97.15	ng	99
70) Phenanthrene	17.60	178	2140182	52.32	ng	96
71) Anthracene	17.69	178	2187365	52.80	ng	97
72) Carbazole	17.96	167	1879250	52.50	ng	99
73) Di-n-butylphthalate	18.50	149	2203452	55.35	ng	99
74) Fluoranthene	19.60	202	2476276	49.32	ng	98
76) Benzidine	19.78	184	1753729	66.70	ng	96
77) Pyrene	19.97	202	2505691	48.62	ng	98
79) Butylbenzylphthalate	20.84	149	1137098	55.70	ng	95
80) Benzo(a)anthracene	21.83	228	2674603	52.12	ng	98
81) 3,3'-Dichlorobenzidine	21.73	252	746825	33.16	ng	98
82) Chrysene	21.90	228	2479273	51.51	ng	94
83) Bis(2-ethylhexyl)phthalate	21.70	149	1519103	53.59	ng	97
84) Di-n-octyl phthalate	22.96	149	2496655	52.81	ng	99
85) Indeno(1,2,3-cd)pyrene	29.04	276	3233291	52.68	ng	# 100
87) Benzo(b)fluoranthene	24.13	252	2902243	54.52	ng	# 97
88) Benzo(k)fluoranthene	24.20	252	2677450	53.00	ng	# 96
89) Benzo(a)pyrene	25.04	252	2778612	54.45	ng	# 99
90) Dibenzo(a,h)anthracene	29.11	278	2707658	53.46	ng	# 95
91) Benzo(g,h,i)perylene	30.25	276	2697600	53.19	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion:152 Resp: 94162

Ion Ratio Lower Upper

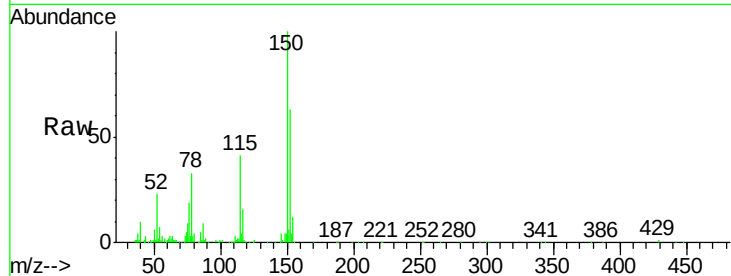
152 100

150 158.8 144.7 217.1

115 64.5 64.0 96.0

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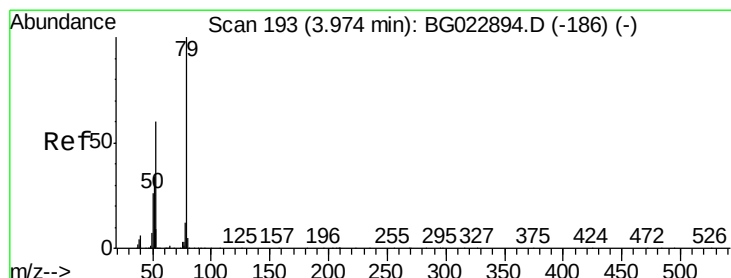
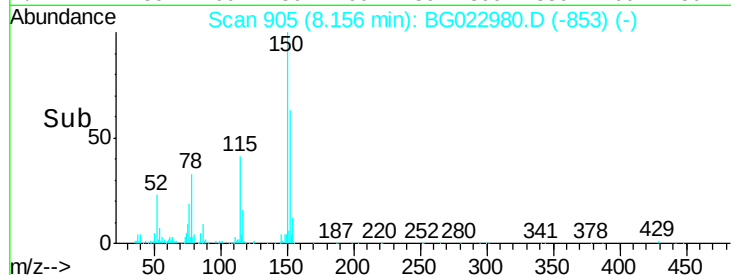
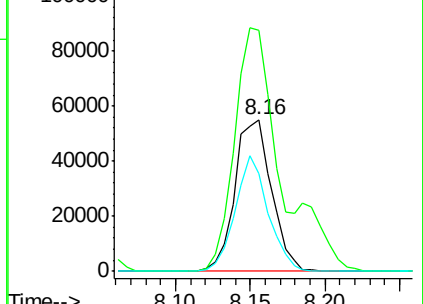
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 38.64 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

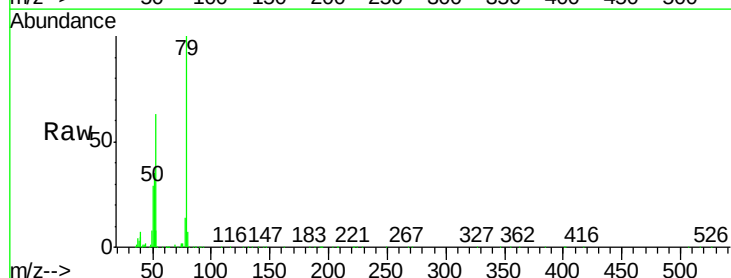
Tgt Ion: 79 Resp: 295875

Ion Ratio Lower Upper

79 100

52 63.3 51.8 77.8

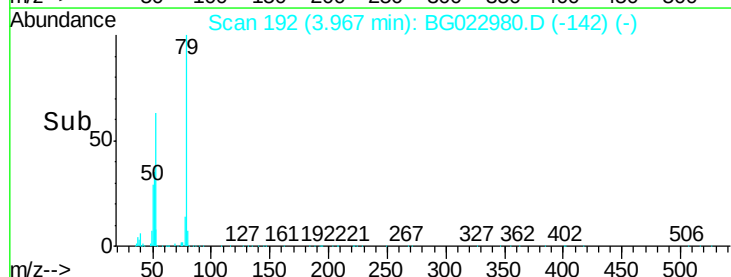
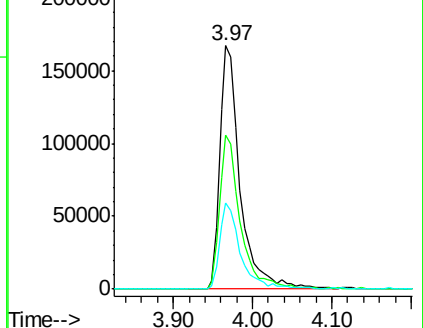
51 35.1 32.7 49.1

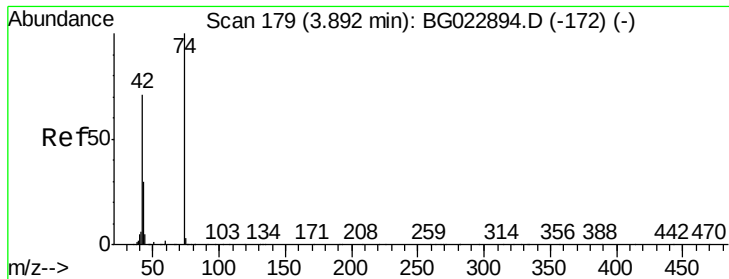


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





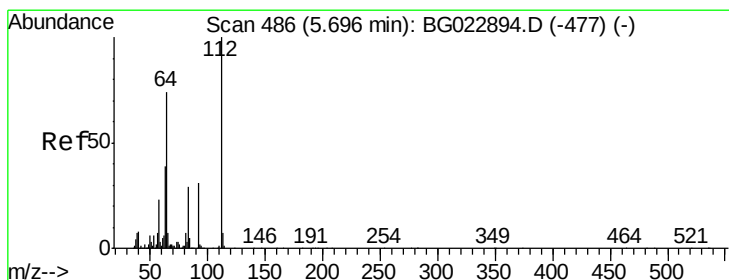
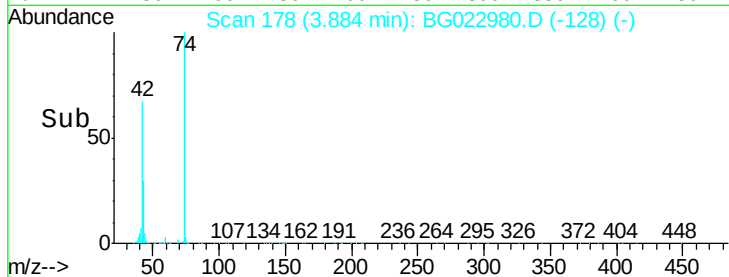
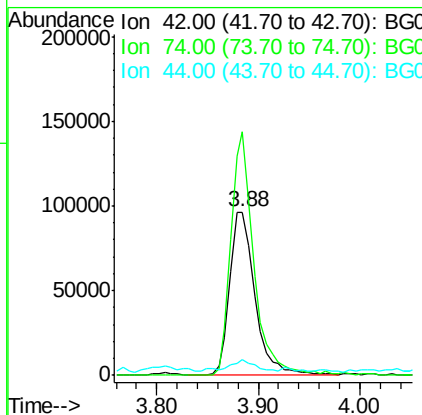
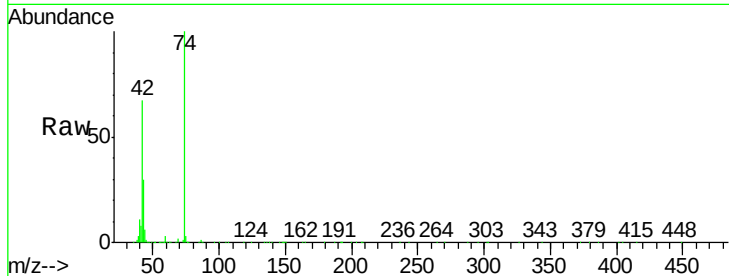
#4

n-Nitrosodimethylamine
 Concen: 51.40 ng
 RT: 3.88 min Scan# 178
 Delta R.T. -0.01 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 C3-5MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.1	100.6	150.8
44	9.7	4.5	6.7#

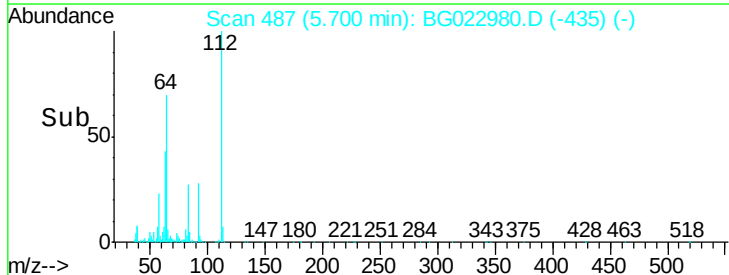
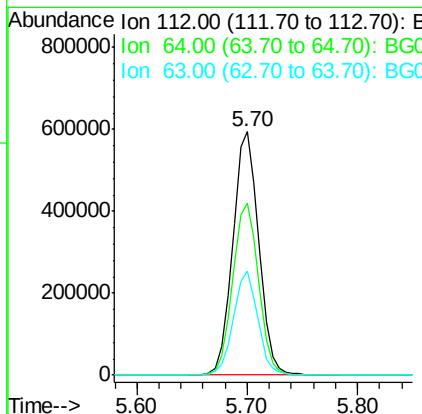
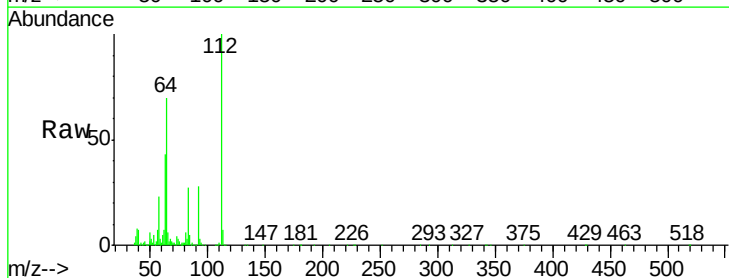
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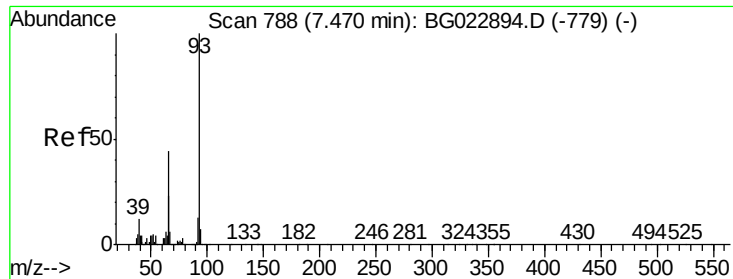


#5

2-Fluorophenol
 Concen: 169.85 ng
 RT: 5.70 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	59.0	88.4
63	42.5	37.8	56.8





#6

Aniline

Concen: 46.95 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

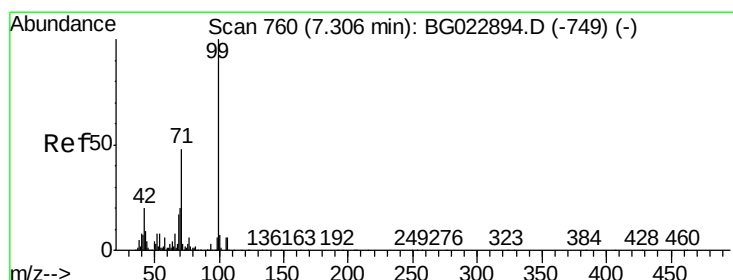
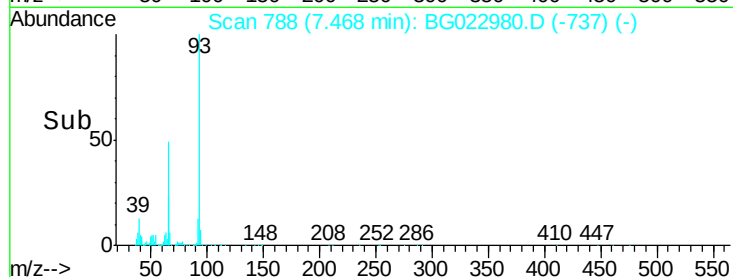
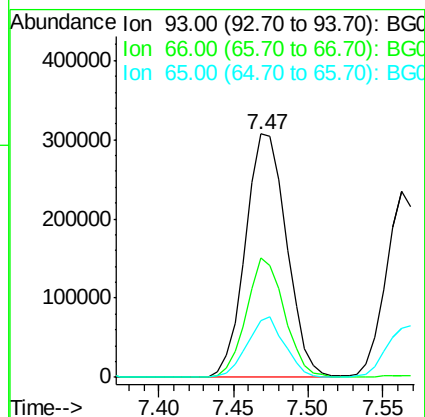
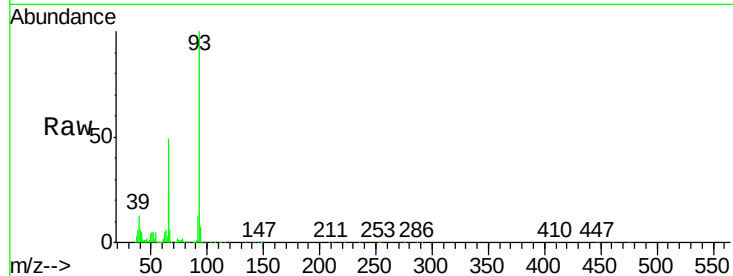
BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion:	93	Resp:	586762
Ion	Ratio	Lower	Upper
93	100		
66	48.8	37.5	56.3
65	23.4	17.9	26.9

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#7

Phenol-d6

Concen: 169.17 ng

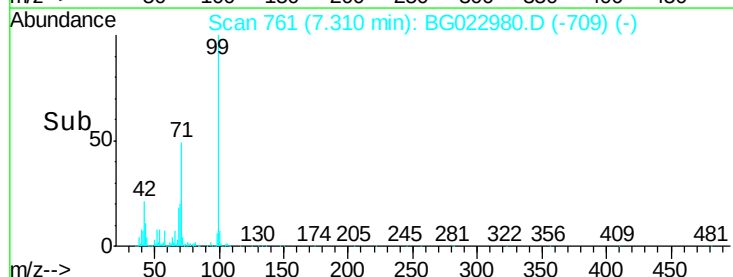
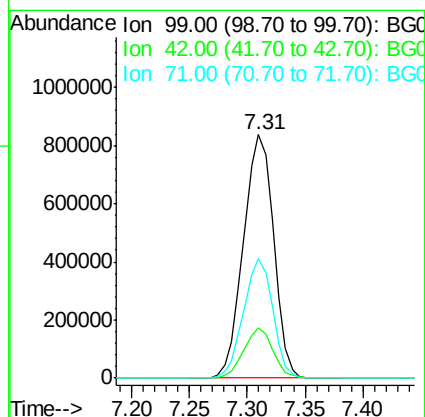
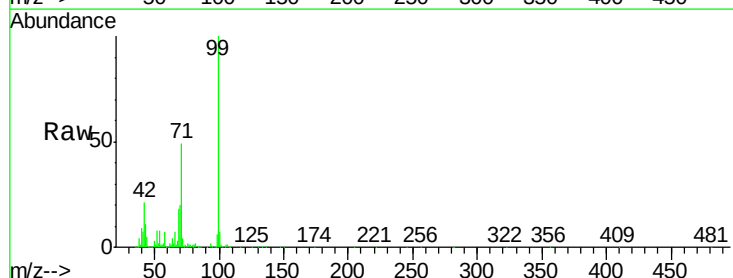
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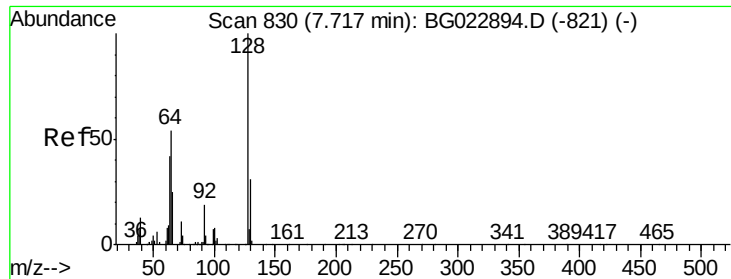
Delta R.T. 0.00 min

Lab File: BG022980.D

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Tgt Ion:	99	Resp:	1525439
Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.8	26.6
71	49.3	41.5	62.3





#8

2-Chlorophenol

Concen: 60.15 ng

RT: 7.72 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

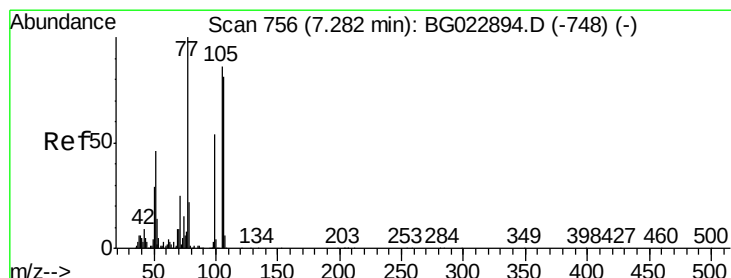
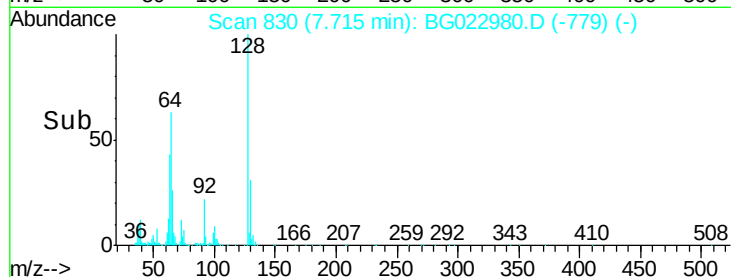
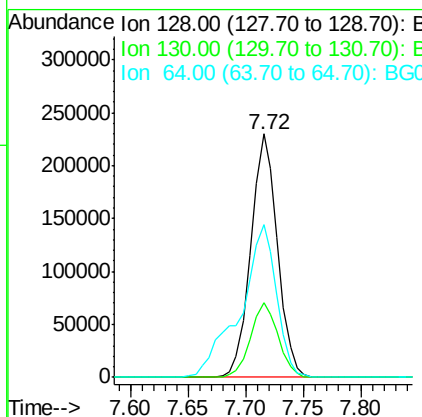
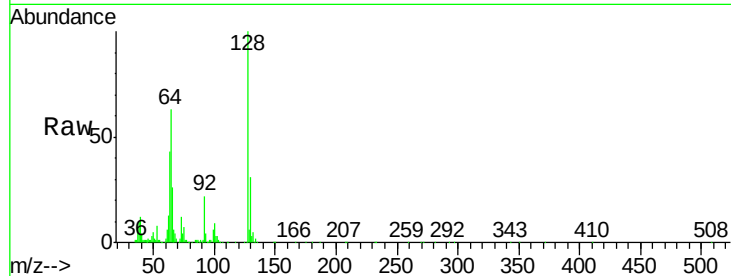
BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion:	128	Resp:	368511
Ion Ratio	Lower	Upper	
128	100		
130	30.9	12.9	52.9
64	62.7	42.0	82.0

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#9

Benzaldehyde

Concen: 44.45 ng

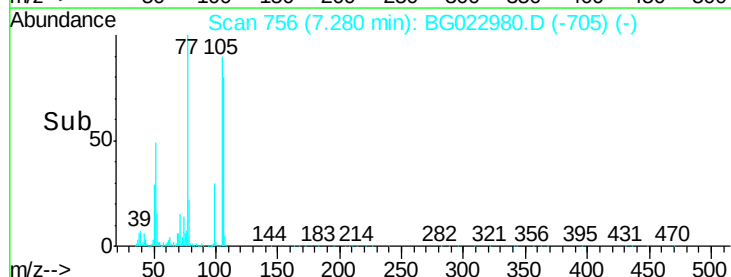
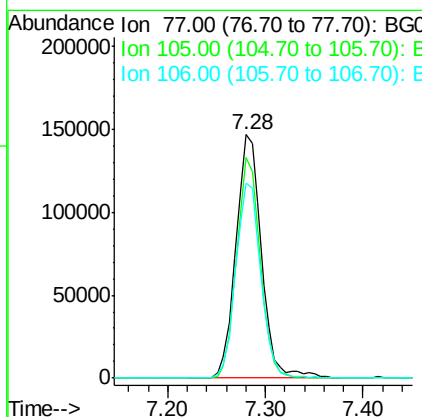
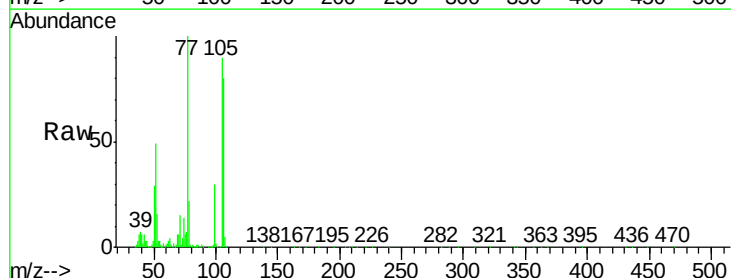
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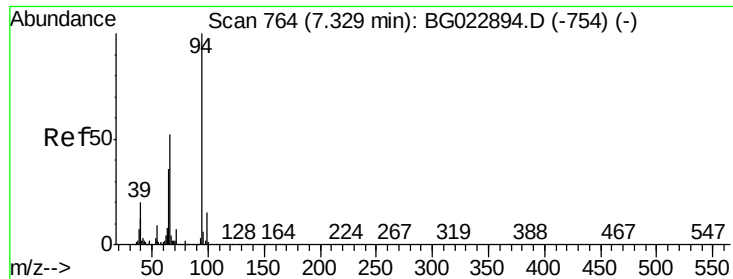
Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Tgt Ion:	77	Resp:	267829
Ion Ratio	Lower	Upper	
77	100		
105	90.5	58.7	98.7
106	80.0	67.5	107.5





#10

Phenol

Concen: 63.23 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion: 94 Resp: 586606

Ion Ratio Lower Upper

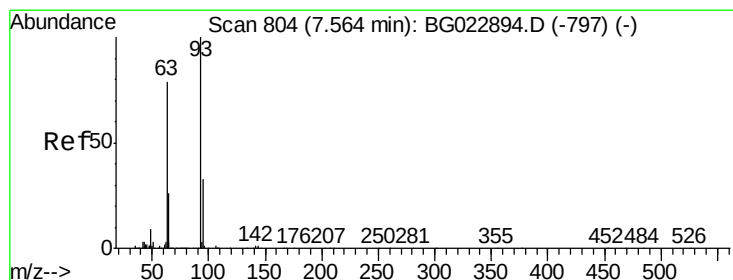
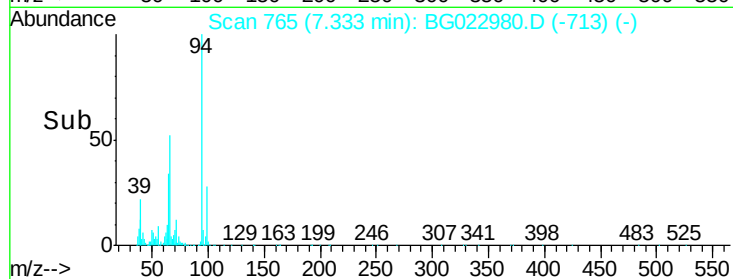
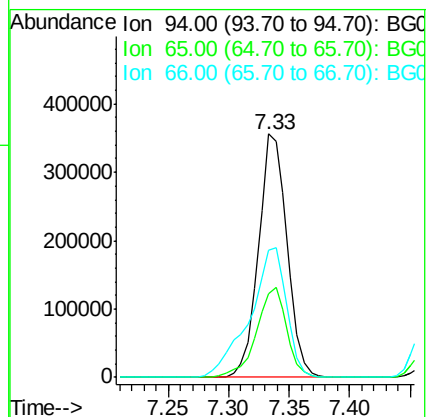
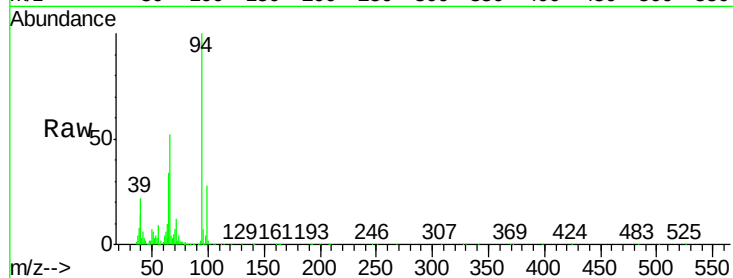
94 100

65 34.5 18.1 58.1

66 52.5 42.1 82.1

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#11

bis(2-Chloroethyl)ether

Concen: 51.94 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

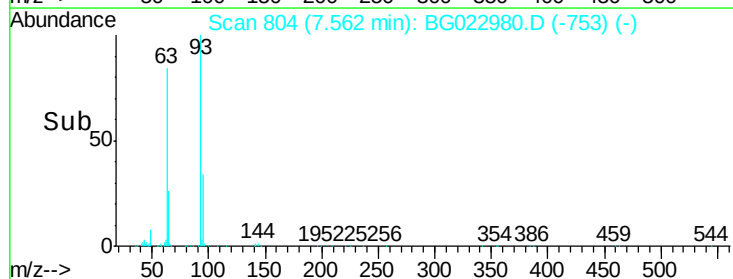
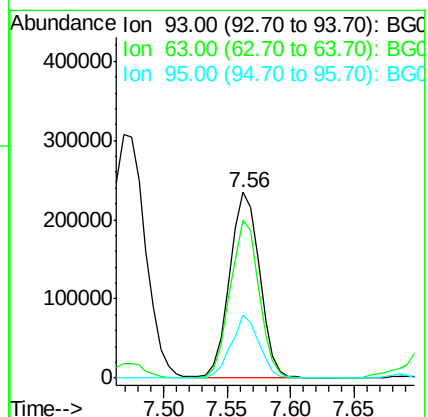
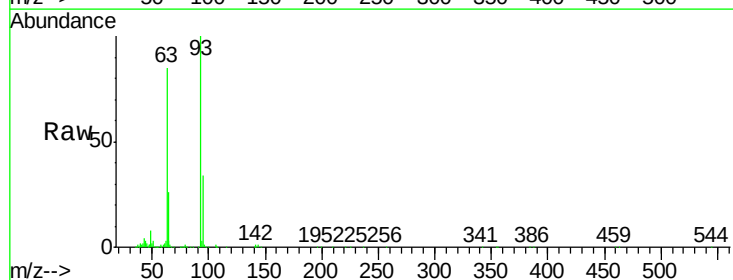
Tgt Ion: 93 Resp: 381957

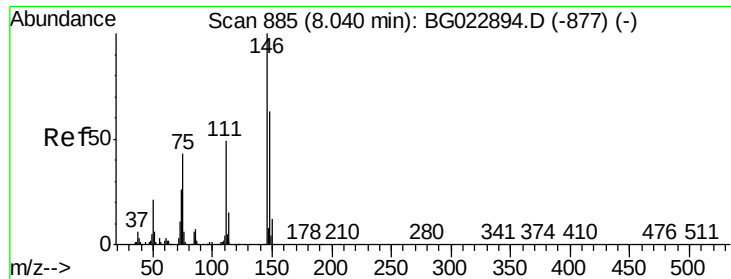
Ion Ratio Lower Upper

93 100

63 84.8 55.0 95.0

95 34.3 11.0 51.0



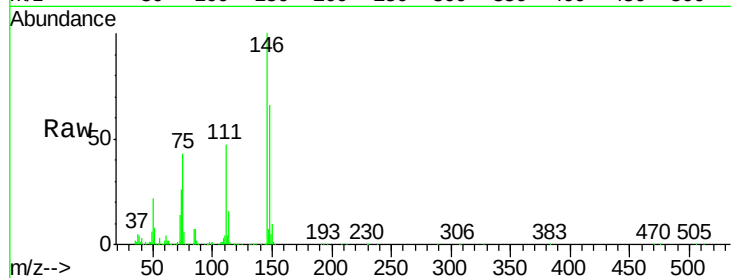


#12
 1,3-Dichlorobenzene
 Concen: 49.33 ng
 RT: 8.04 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

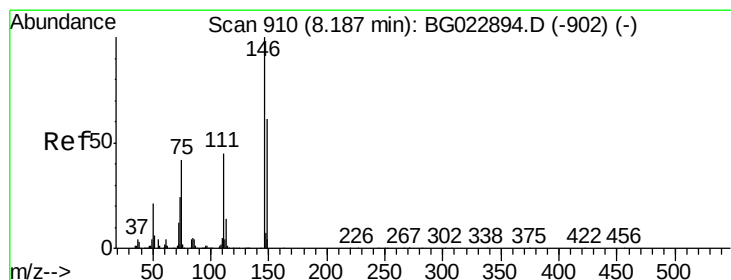
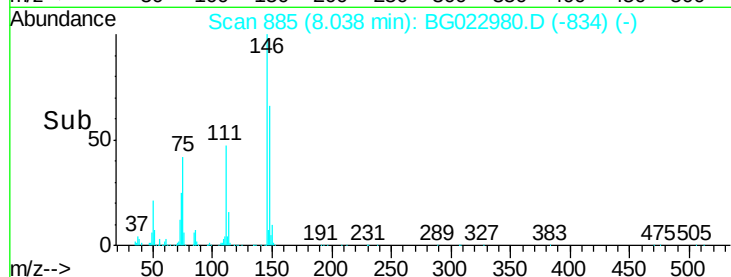
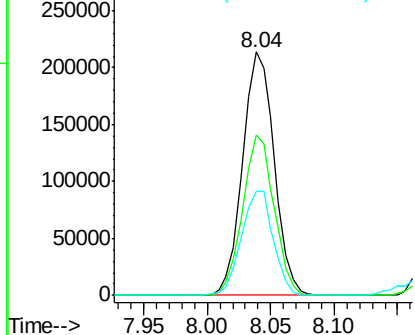
Instrument :
 BNA_G
 ClientSampleId :
 C3-5MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.3	75.5
75	42.5	37.0	55.6

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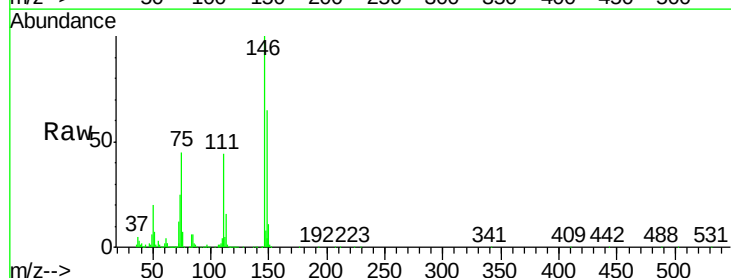


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

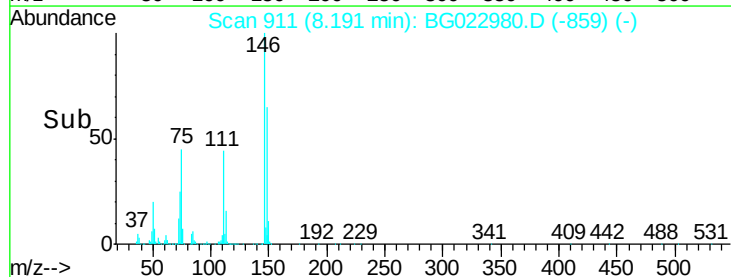
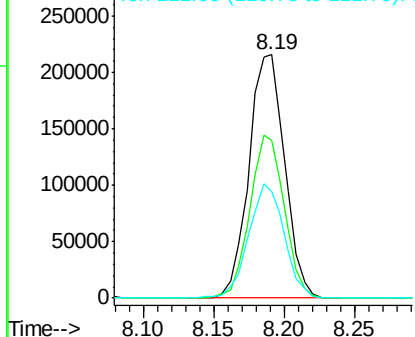


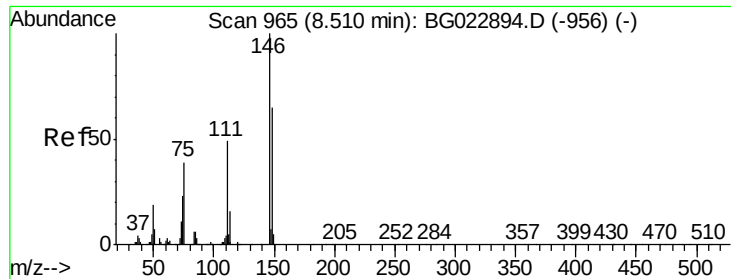
#13
 1,4-Dichlorobenzene
 Concen: 51.05 ng
 RT: 8.19 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	54.5	81.7
111	43.8	37.8	56.8



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



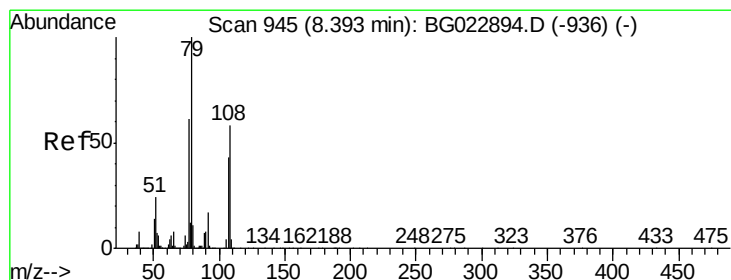
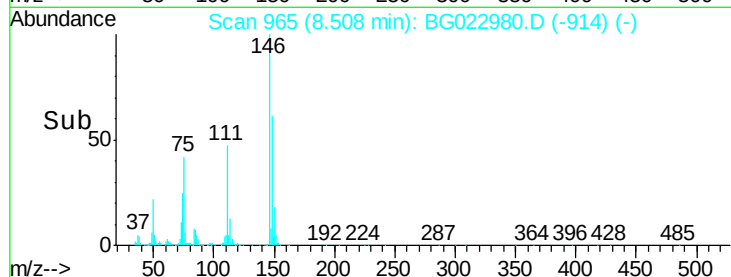
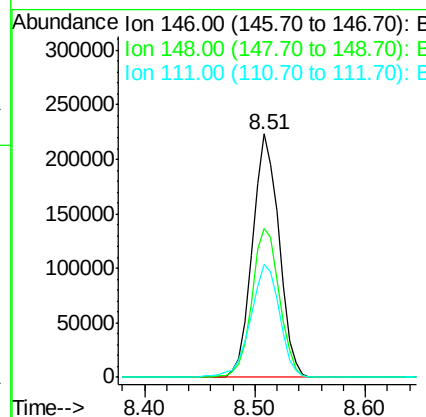
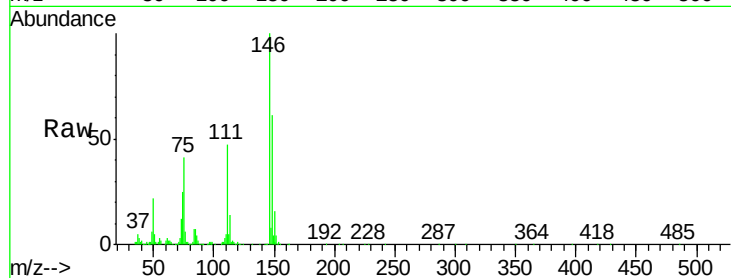


#14
1,2-Dichlorobenzene
Concen: 50.62 ng
RT: 8.51 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

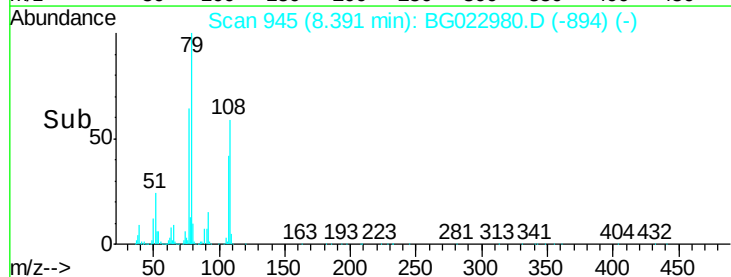
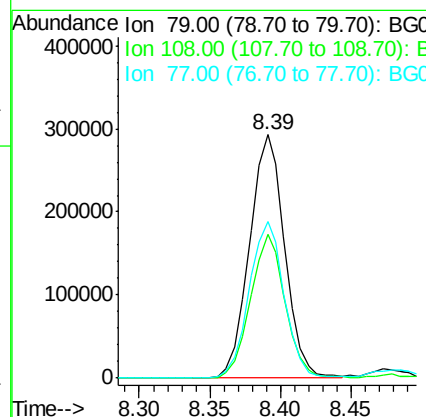
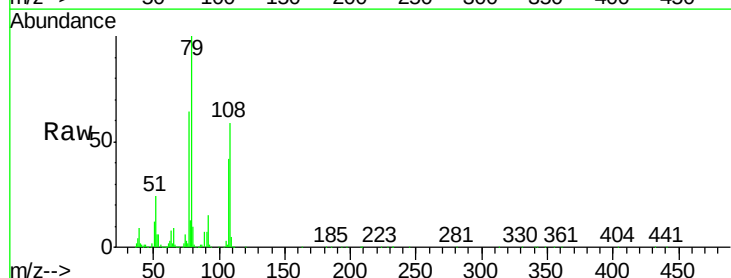
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	52.9	79.3
111	46.5	43.5	65.3

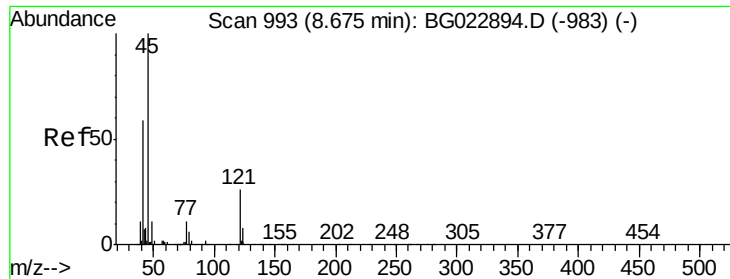
SOHIL
7/11/2016 6:47:01 AM



#15
Benzyl Alcohol
Concen: 61.86 ng
RT: 8.39 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
79	100		
108	59.2	46.5	69.7
77	64.4	52.3	78.5



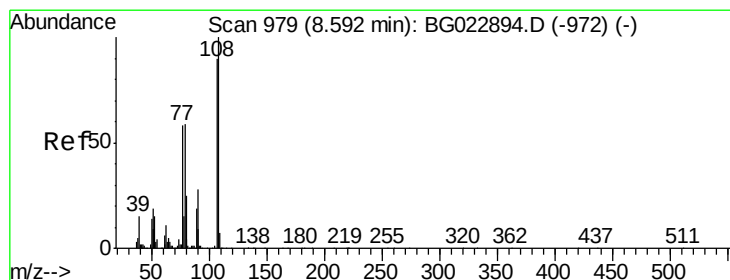
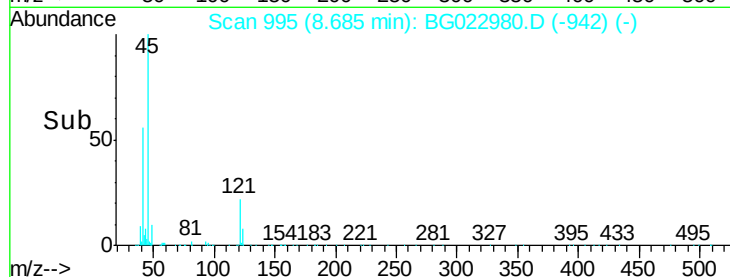
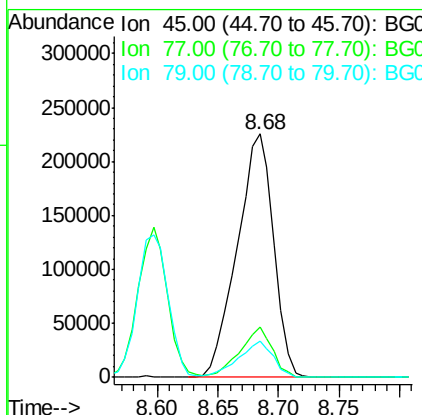
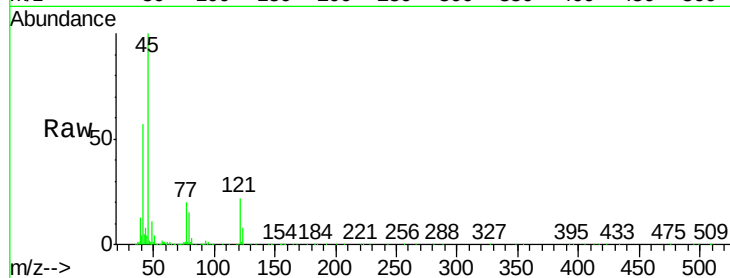


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.46 ng
RT: 8.68 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

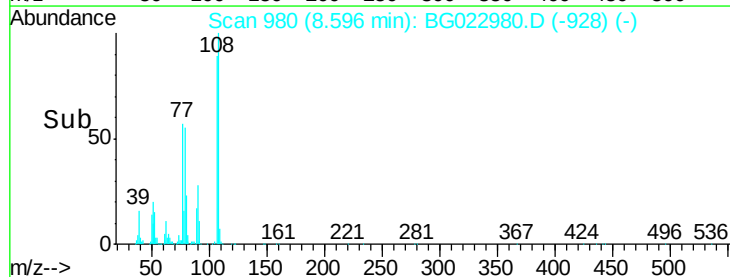
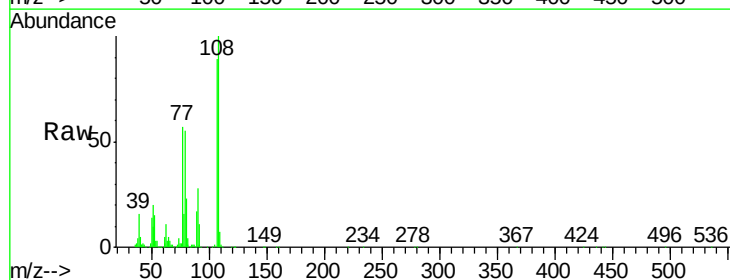
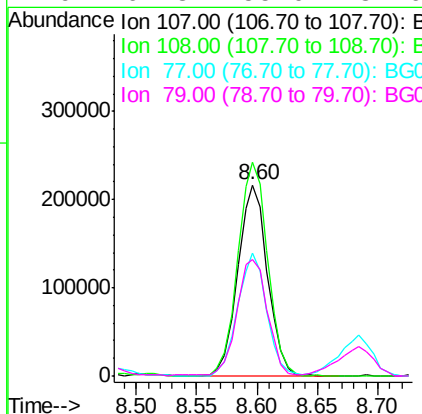
Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.4	0.6	40.6
79	14.9	0.0	36.2

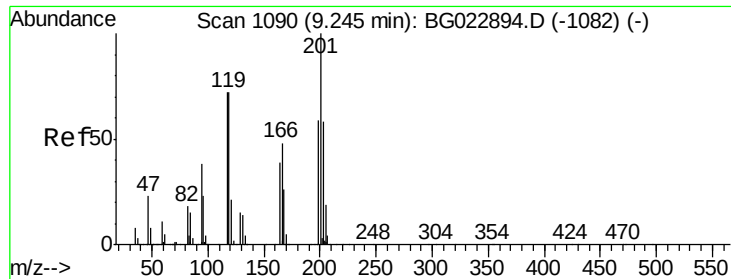
SOHIL
7/11/2016 6:47:01 AM



#17
2-Methylphenol
Concen: 61.28 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.0	92.0	138.0
77	64.3	55.8	83.6
79	61.3	55.0	82.6



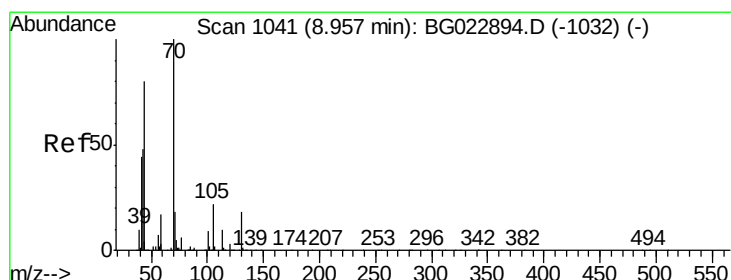
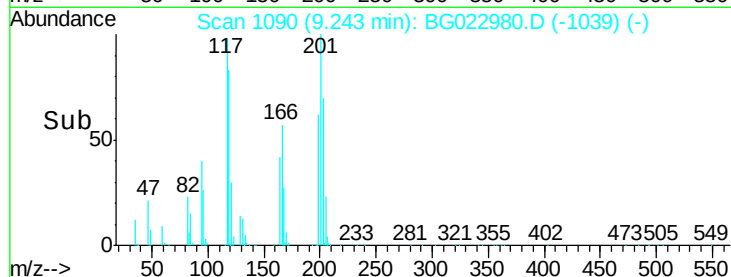
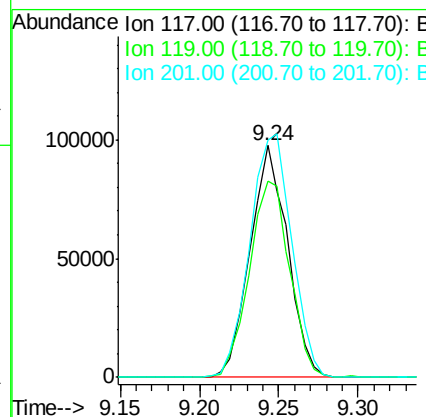
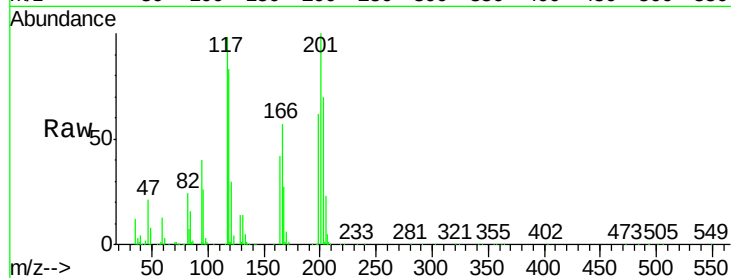


#18
Hexachloroethane
Concen: 50.60 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampled :
C3-5MSD

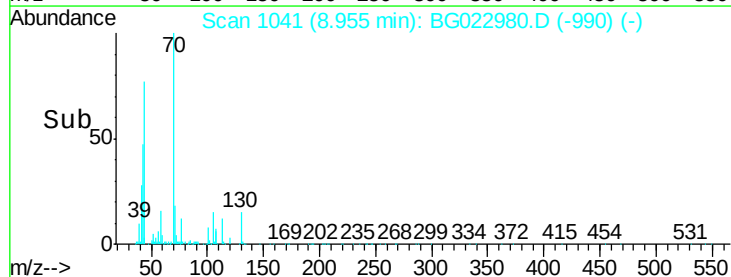
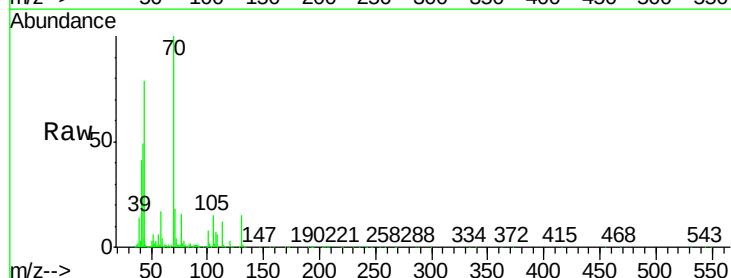
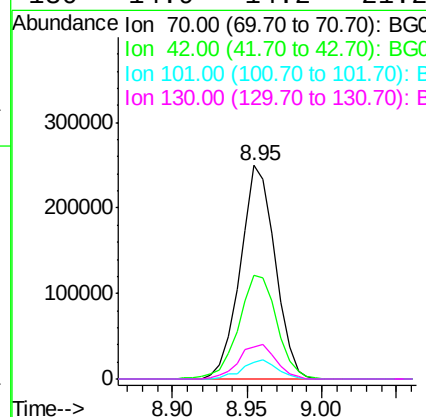
Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.4	73.7	110.5
201	102.4	88.7	133.1

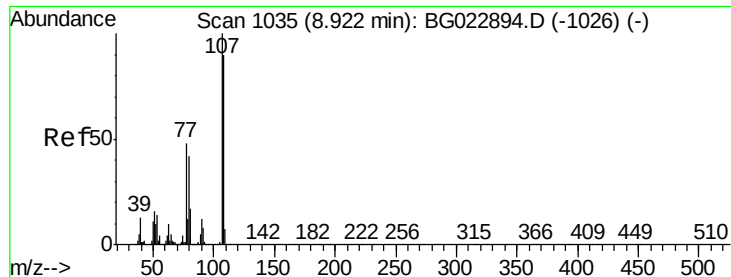
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7/11/2016 6:47:01 AM



#19
n-Nitroso-di-n-propylamine
Concen: 49.64 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.7	42.1	63.1
101	8.1	7.2	10.8
130	14.9	14.2	21.2



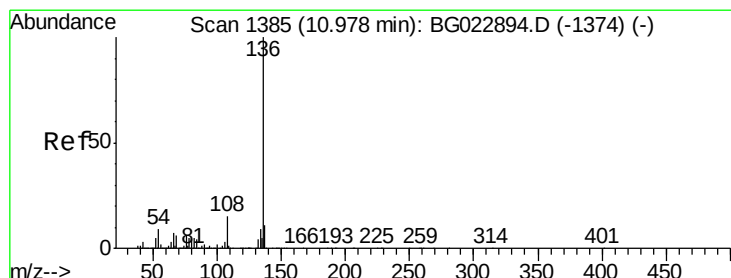
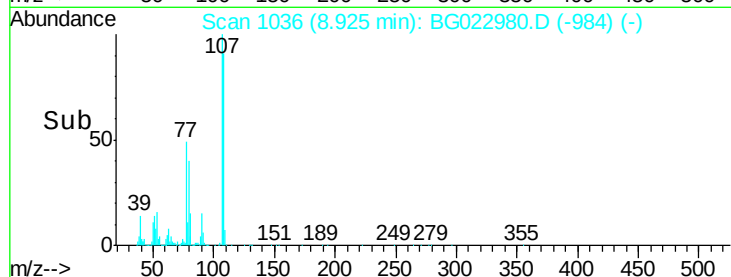
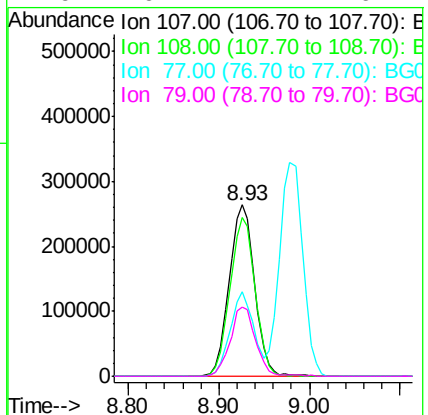
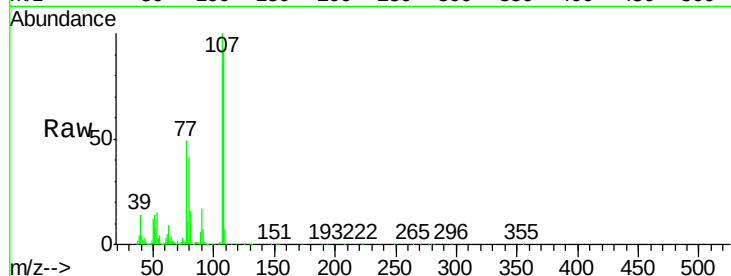


#20
3+4-Methylphenols
Concen: 61.08 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

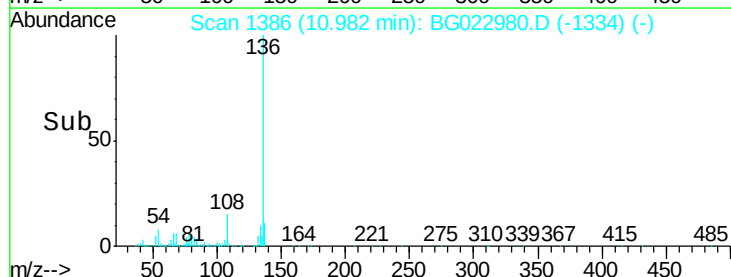
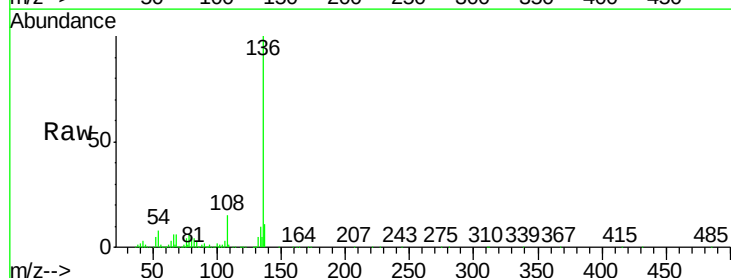
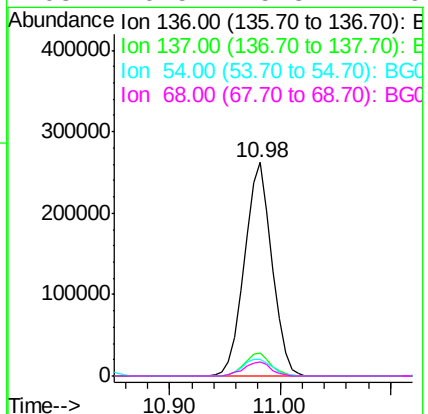
Tgt Ion:	107	Resp:	514514
Ion Ratio	Lower	Upper	
107	100		
108	92.9	72.5	112.5
77	49.1	30.1	70.1
79	40.7	24.2	64.2

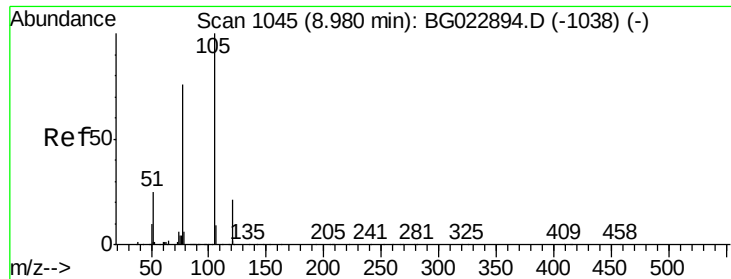
SOHIL
7/11/2016 6:47:01 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion:	136	Resp:	455494
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.6	14.4
54	8.0	7.3	10.9
68	6.5	5.3	7.9





#22

Acetophenone

Concen: 48.99 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

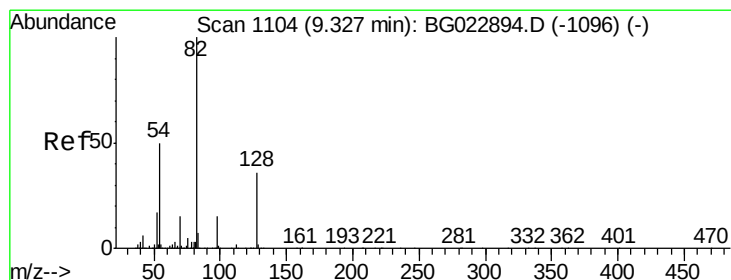
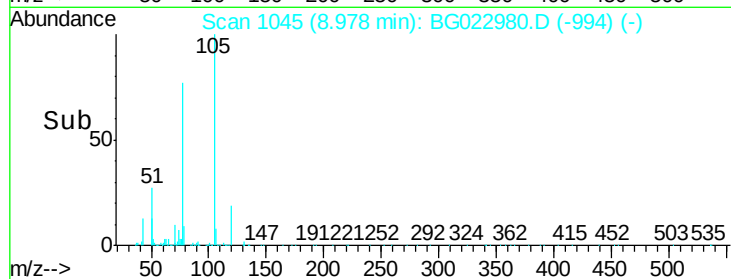
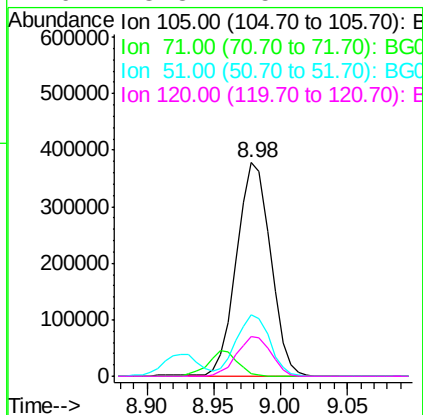
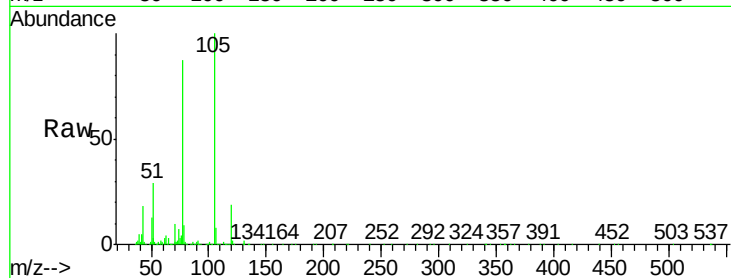
BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion:	105	Resp:	669683
Ion Ratio	Lower	Upper	
105	100		
71	1.3	2.6	3.8#
51	28.7	27.1	40.7
120	18.8	15.1	22.7

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#23

Nitrobenzene-d5

Concen: 101.68 ng

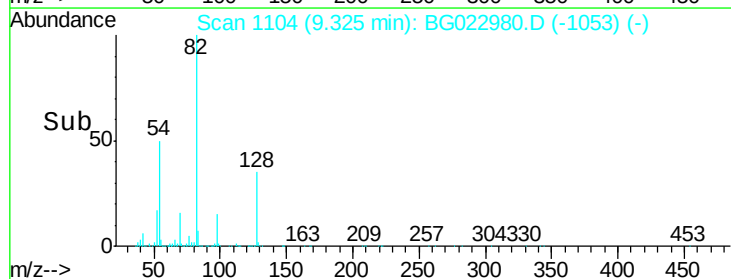
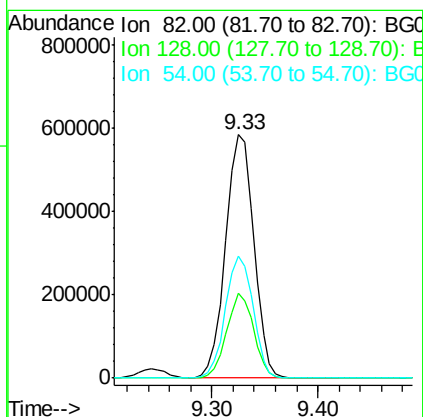
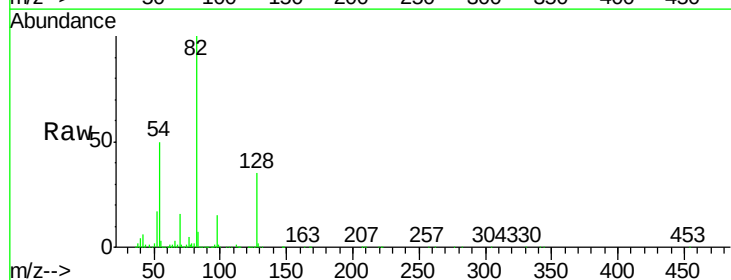
RT: 9.33 min Scan# 1104

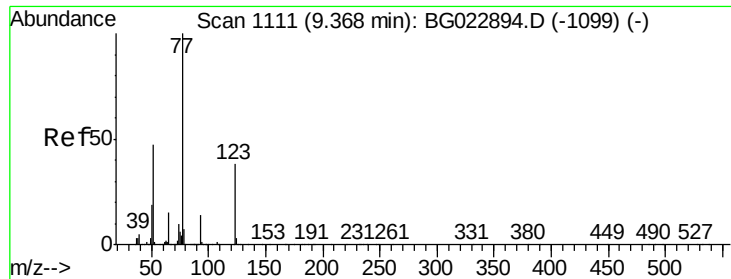
Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Tgt Ion:	82	Resp:	1081578
Ion Ratio	Lower	Upper	
82	100		
128	34.9	24.4	36.6
54	50.0	41.4	62.0



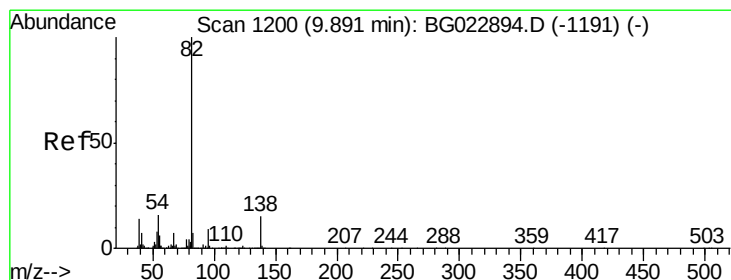
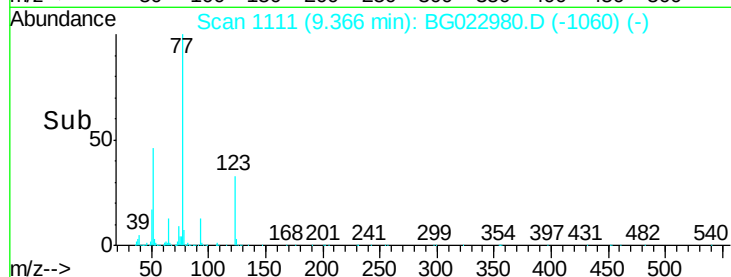
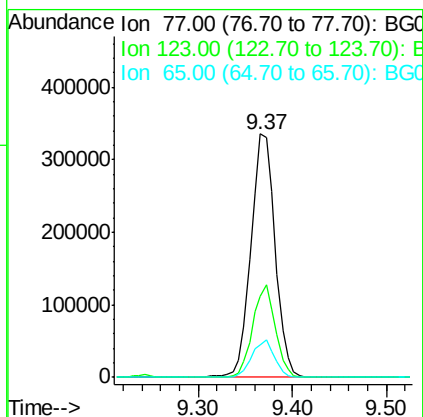
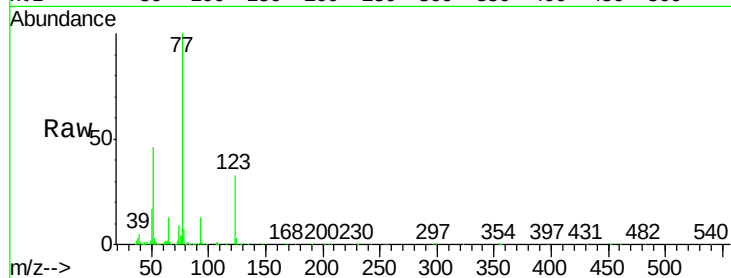


#24
 Nitrobenzene
 Concen: 53.13 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 C3-5MSD

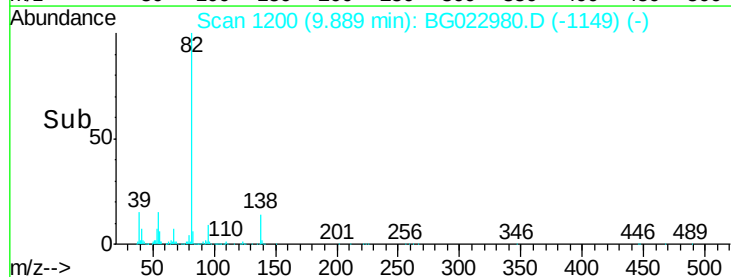
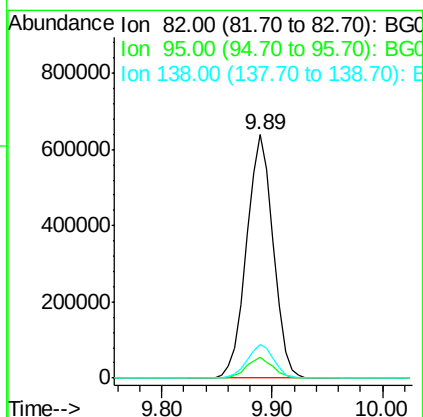
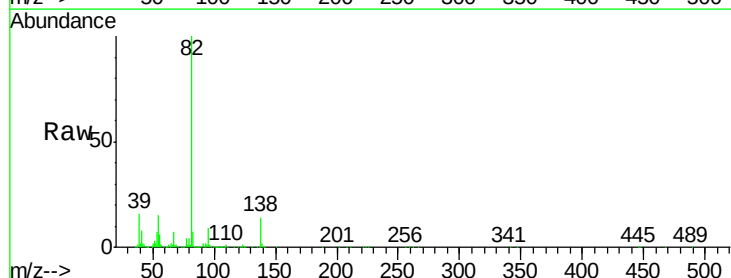
Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.4	25.0	37.6
65	13.4	13.4	20.0

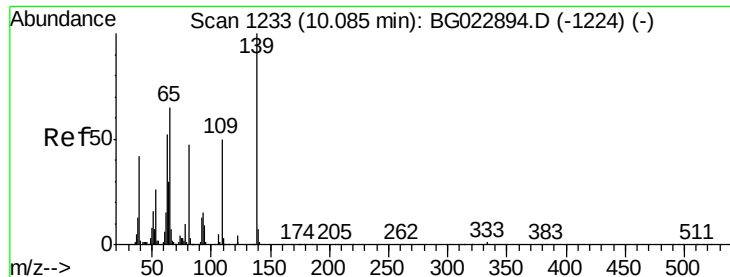
SOHIL
 7/11/2016 6:47:01 AM



#25
 Isophorone
 Concen: 50.47 ng
 RT: 9.89 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.6	8.2	12.2
138	14.1	10.7	16.1



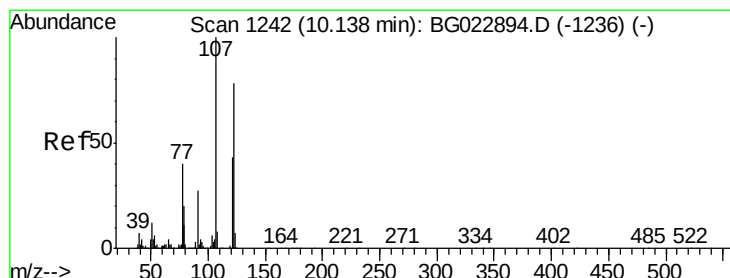
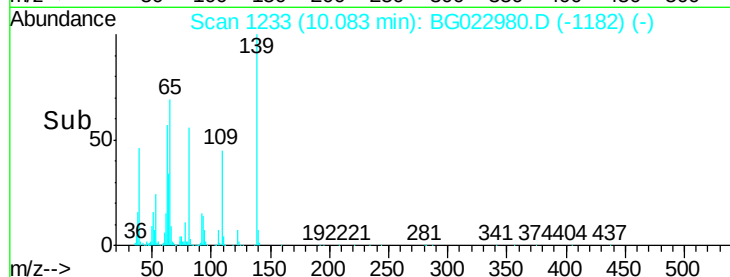
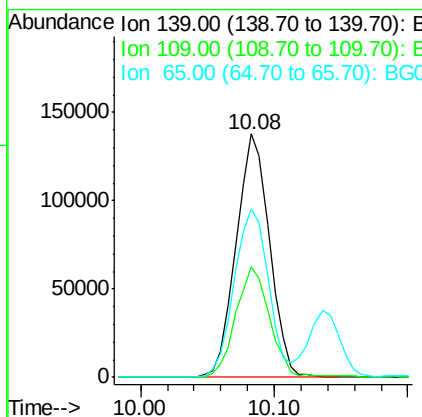
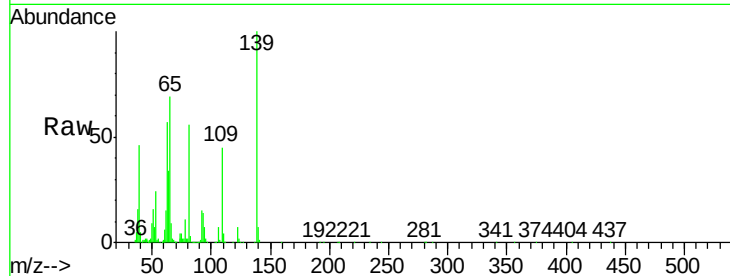


#26
2-Nitrophenol
Concen: 53.78 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

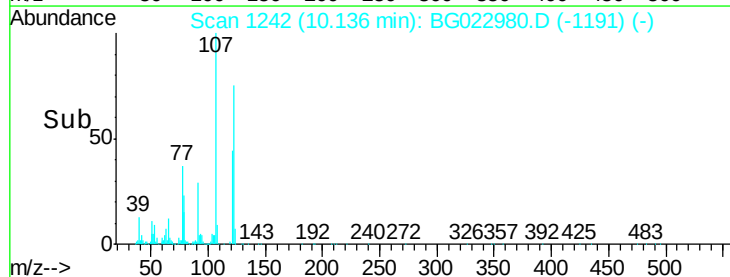
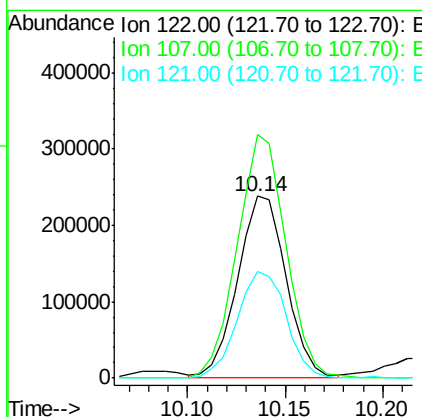
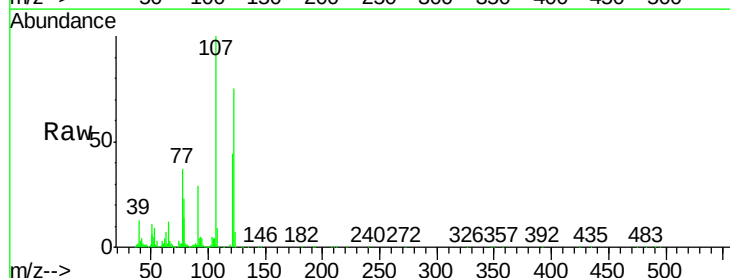
Tgt Ion	Ratio	Lower	Upper
139	100		
109	45.2	43.5	65.3
65	68.9	64.3	96.5

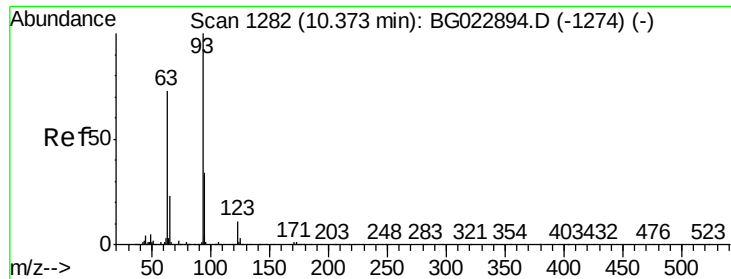
SOHIL
7/11/2016 6:47:01 AM



#27
2,4-Dimethylphenol
Concen: 53.37 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
122	100		
107	134.1	117.0	175.4
121	58.8	50.1	75.1



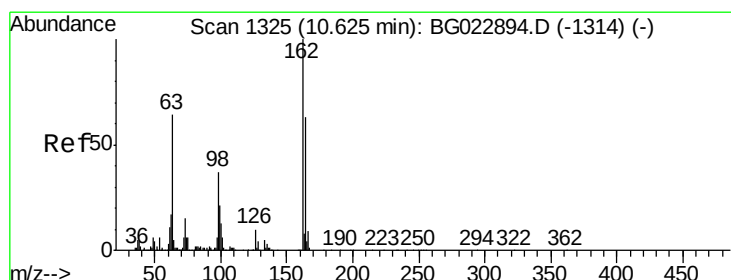
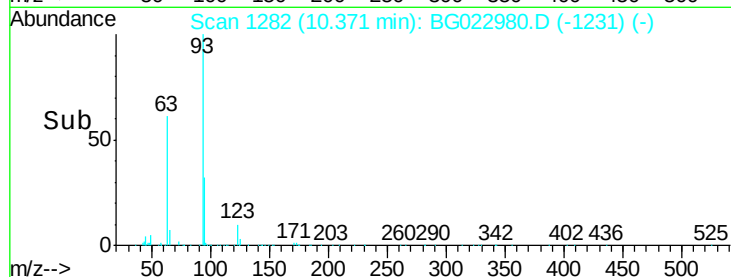
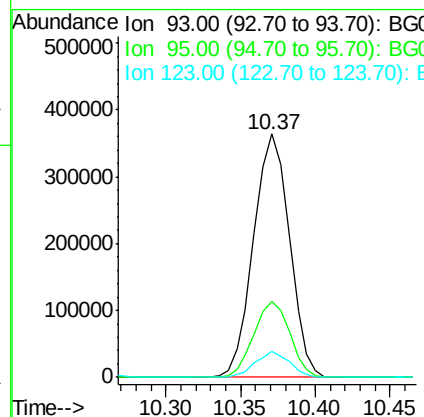
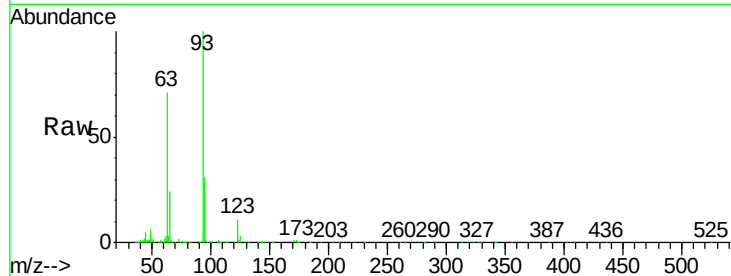


#28
bis(2-Chloroethoxy)methane
Concen: 50.94 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

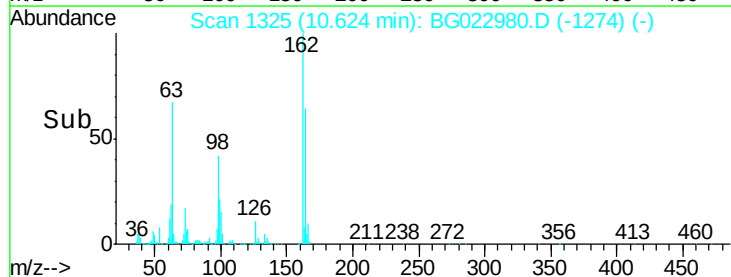
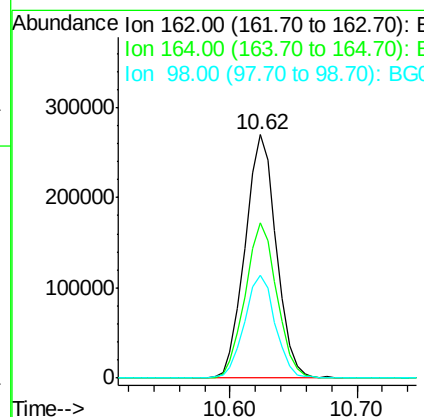
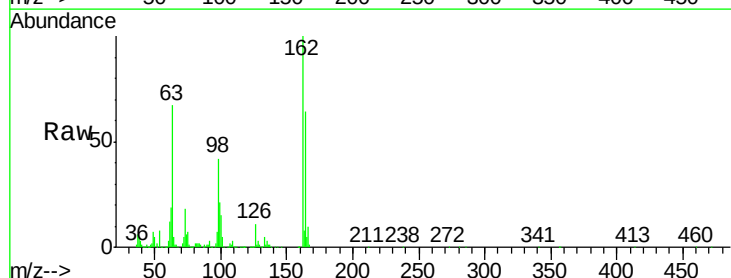
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.4	38.2
123	10.6	8.2	12.2

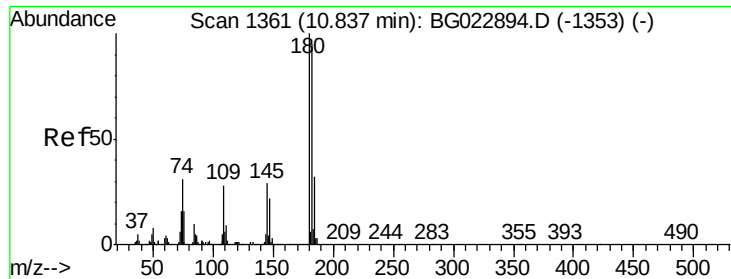
SOHIL
7/11/2016 6:47:01 AM



#29
2,4-Dichlorophenol
Concen: 56.39 ng
RT: 10.62 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.3	84.3
98	42.1	19.5	59.5



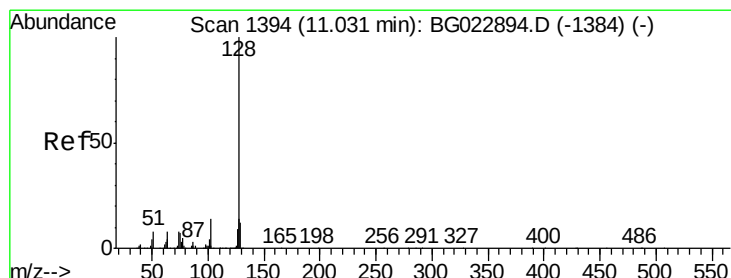
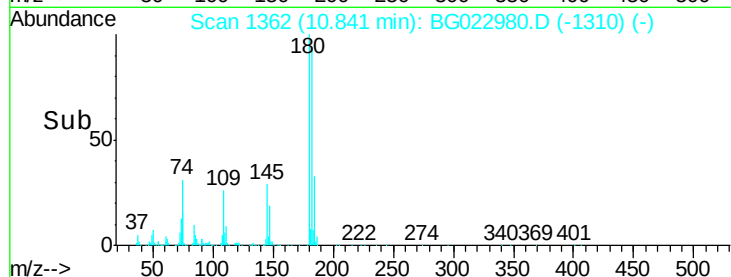
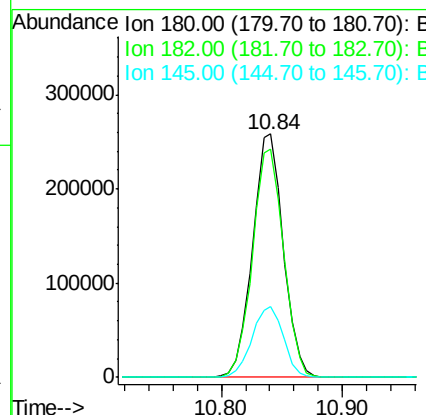
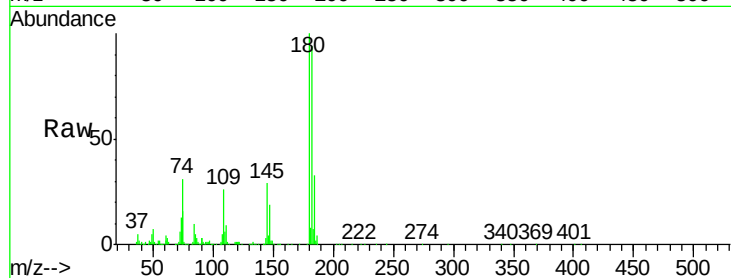


#30
 1,2,4-Trichlorobenzene
 Concen: 48.70 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 C3-5MSD

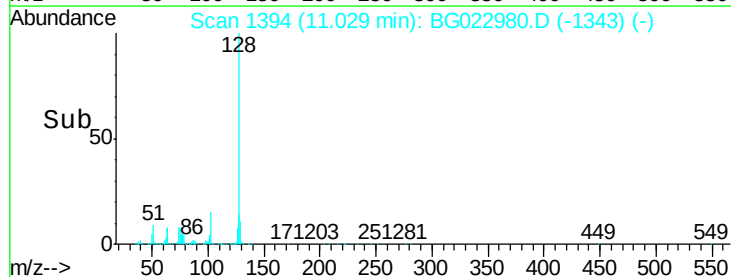
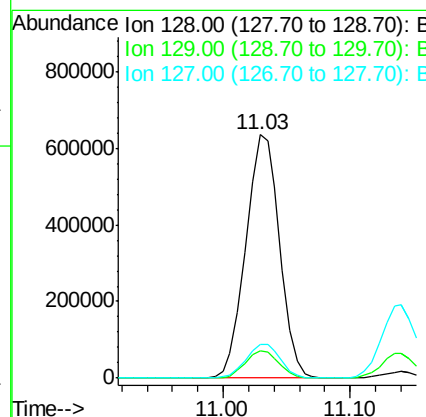
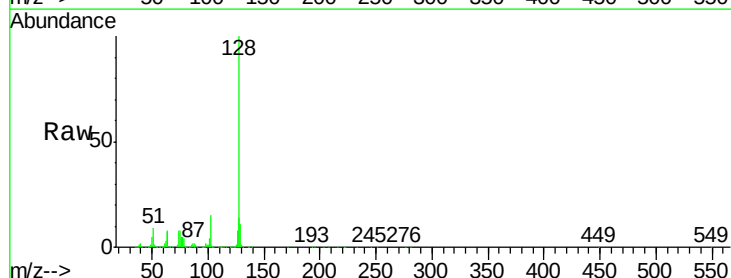
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	73.8	110.8
145	29.0	24.4	36.6

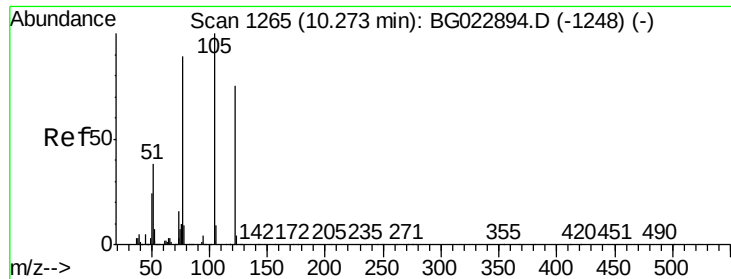
SOHIL
 7/11/2016 6:47:01 AM



#31
 Naphthalene
 Concen: 50.60 ng
 RT: 11.03 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.7	11.3	16.9





#32

Benzoic acid

Concen: 25.50 ng

RT: 10.25 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion:122 Resp: 177848

Ion Ratio Lower Upper

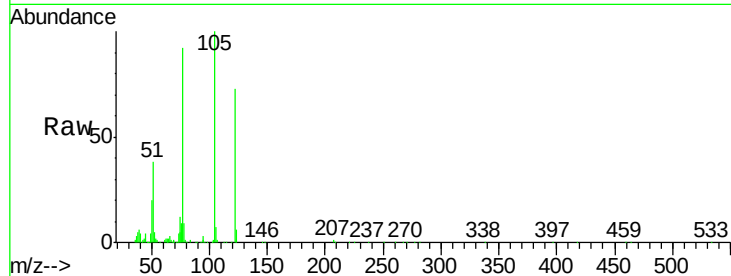
122 100

105 137.7 117.2 157.2

77 126.4 109.2 149.2

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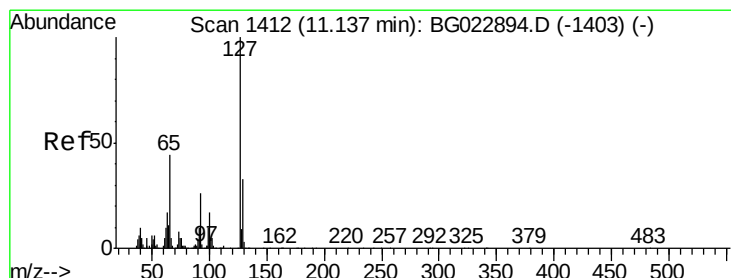
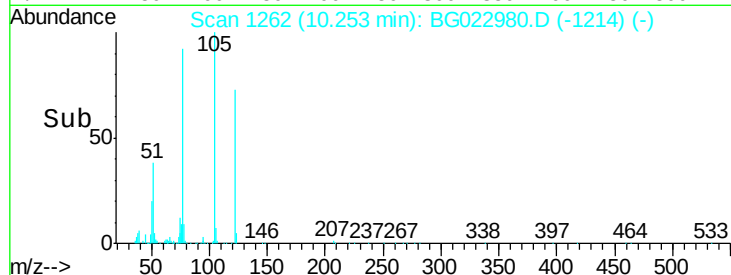
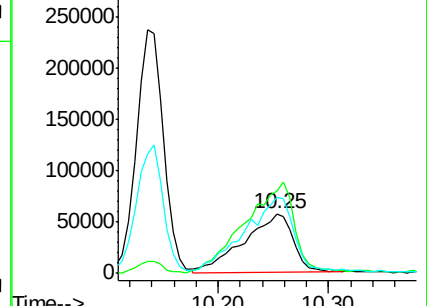
7/11/2016 6:47:01 AM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 32.45 ng

RT: 11.14 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Tgt Ion:127 Resp: 367994

Ion Ratio Lower Upper

127 100

129 33.3 27.9 41.9

65 39.1 36.8 55.2

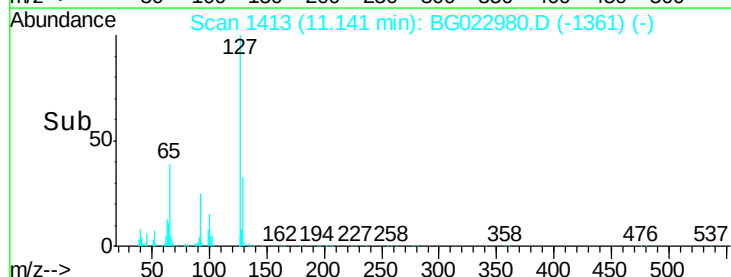
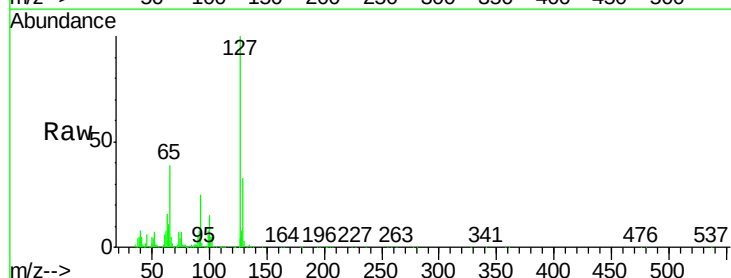
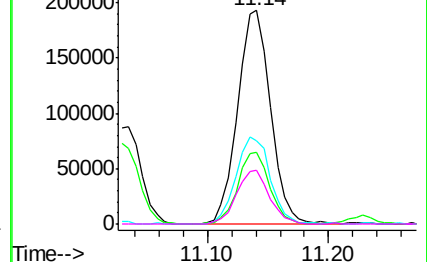
92 25.2 21.0 31.6

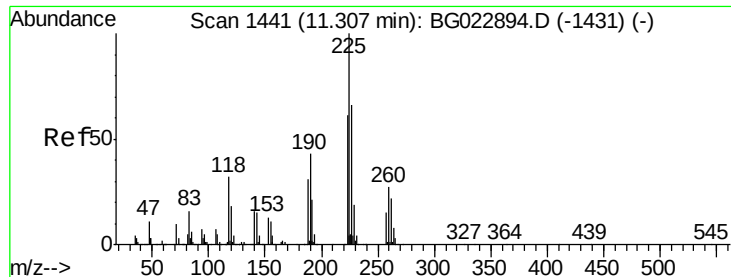
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 46.35 ng

RT: 11.31 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

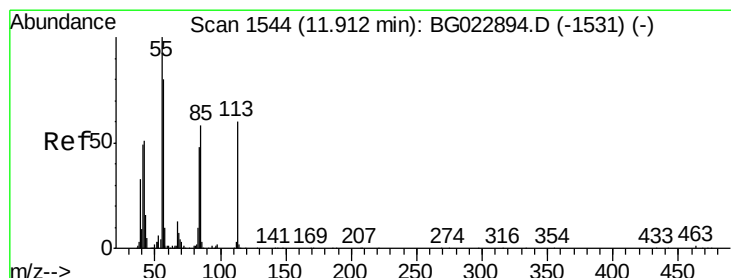
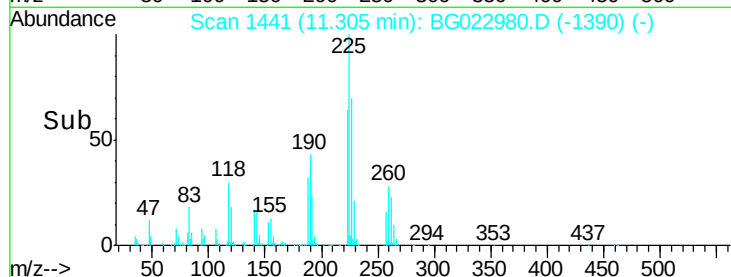
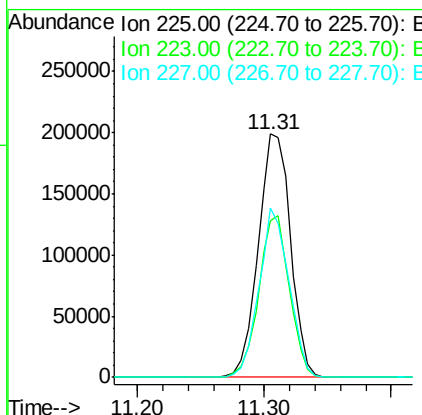
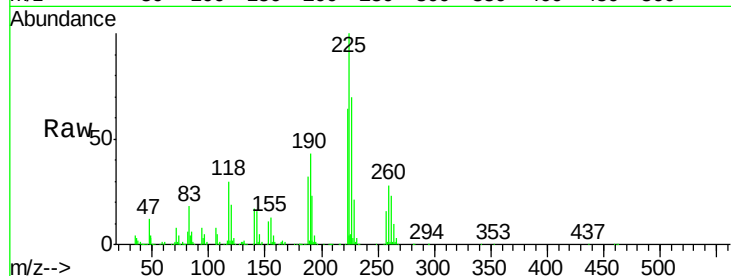
BNA_G

ClientSampled :

C3-5MSD

Tgt Ion:	225	Resp:	352081
Ion Ratio	Lower	Upper	
225	100		
223	64.4	49.6	74.4
227	69.7	54.5	81.7

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#35

Caprolactam

Concen: 48.35 ng m

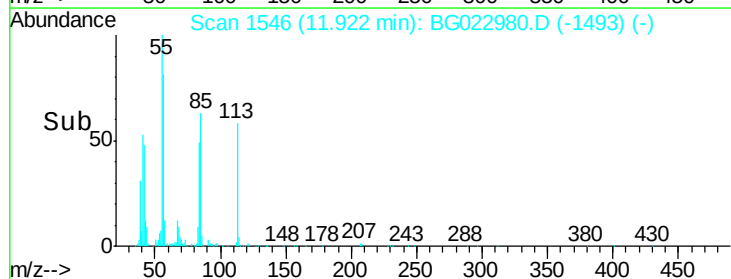
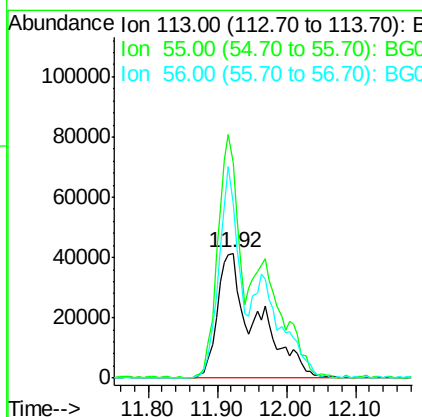
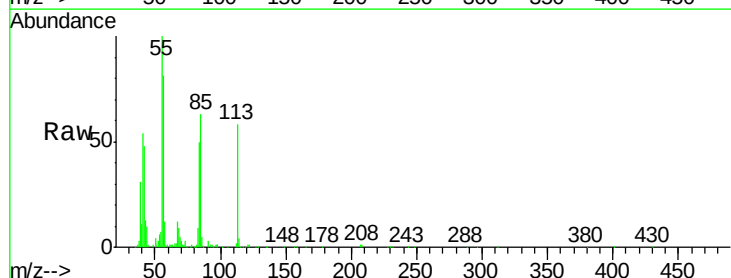
RT: 11.92 min Scan# 1546

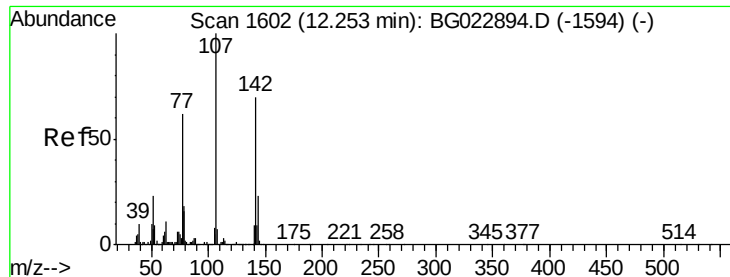
Delta R.T. 0.01 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Tgt Ion:	113	Resp:	162651
Ion Ratio	Lower	Upper	
113	100		
55	172.6	154.5	194.5
56	139.8	125.1	165.1



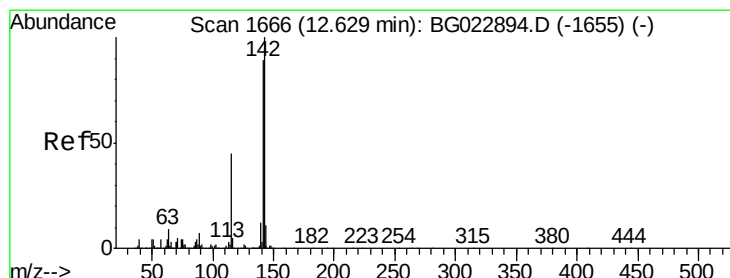
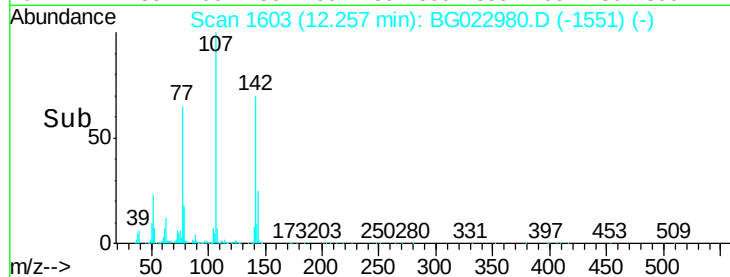
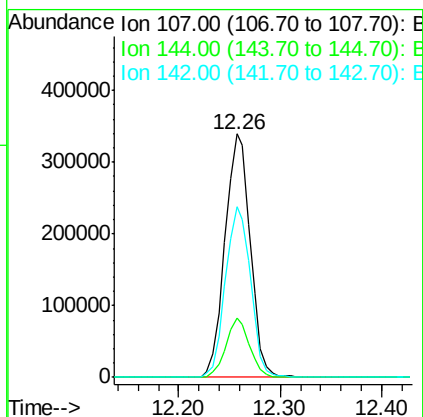
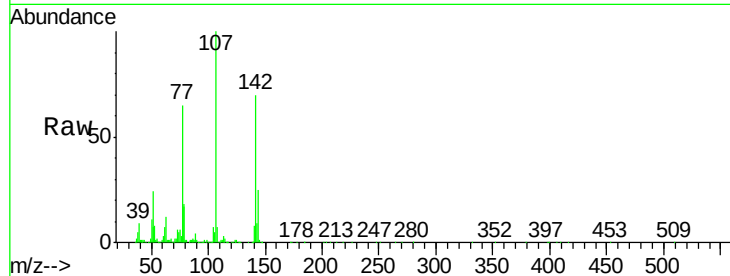


#36
 4-Chloro-3-methylphenol
 Concen: 52.37 ng
 RT: 12.26 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 C3-5MSD

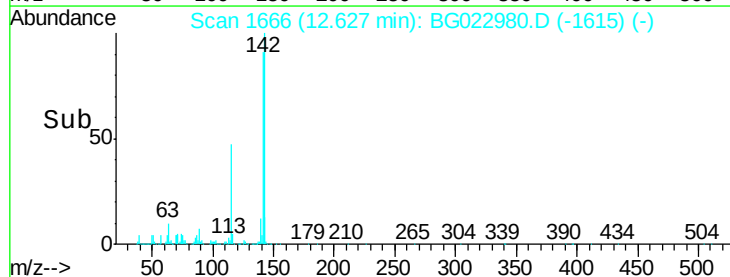
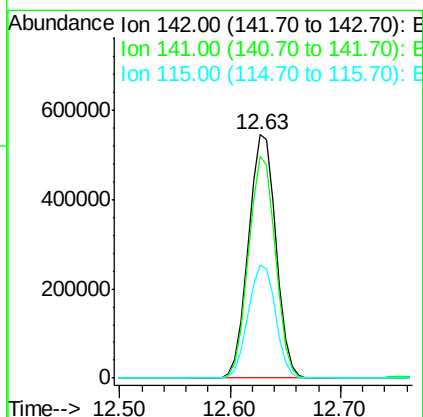
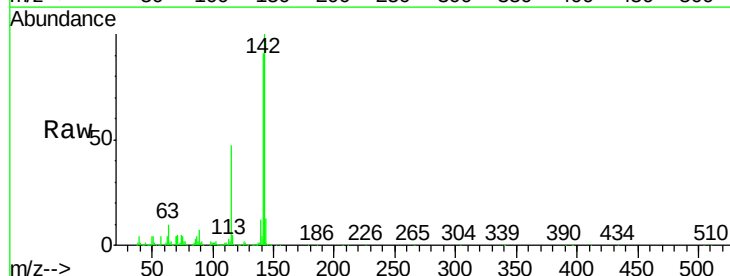
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	17.0	25.6
142	70.4	53.0	79.6

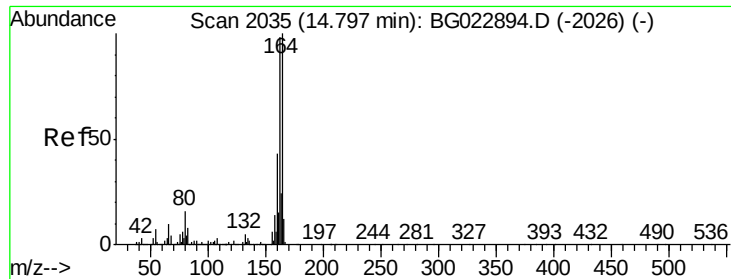
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 7/11/2016 6:47:01 AM



#37
 2-Methylnaphthalene
 Concen: 52.19 ng
 RT: 12.63 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.2	105.2
115	46.5	41.7	62.5



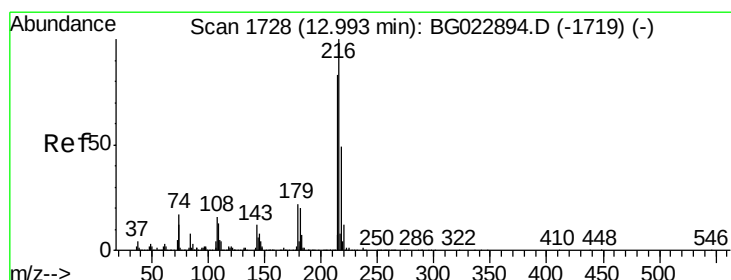
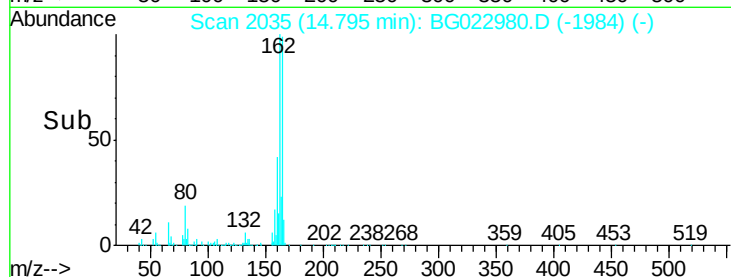
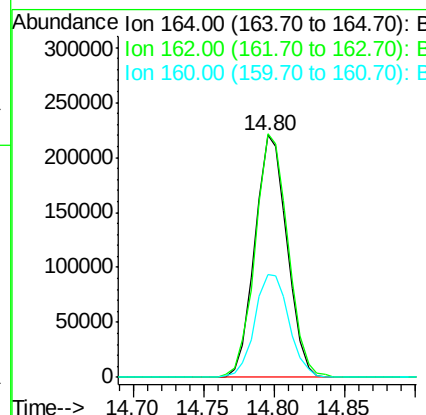
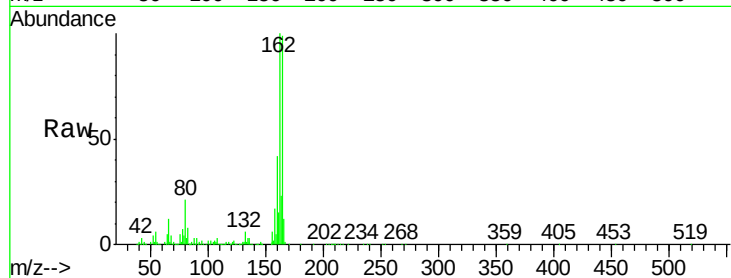


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

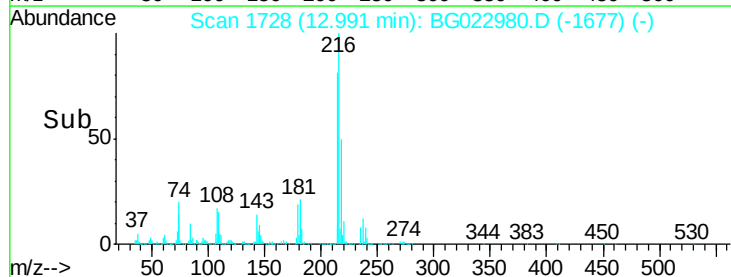
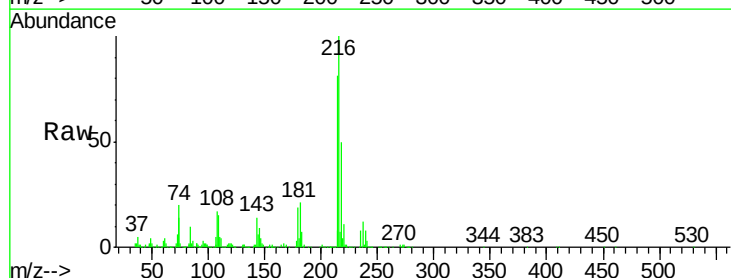
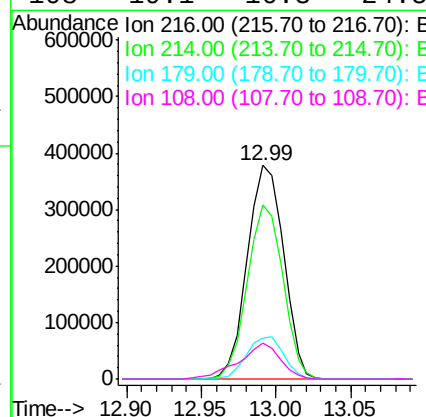
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	87.7	131.5
160	42.7	37.2	55.8

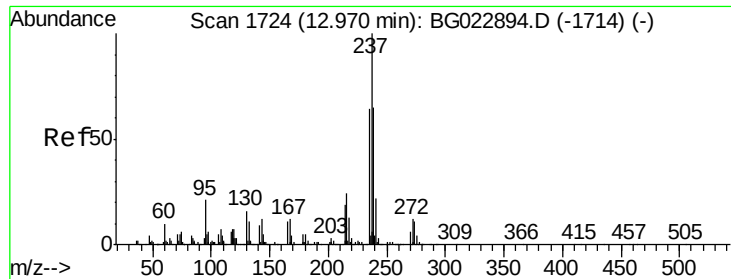
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.03 ng
RT: 12.99 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.9	94.3
179	20.1	17.2	25.8
108	19.1	16.3	24.5





#40

Hexachlorocyclopentadiene

Concen: 91.91 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

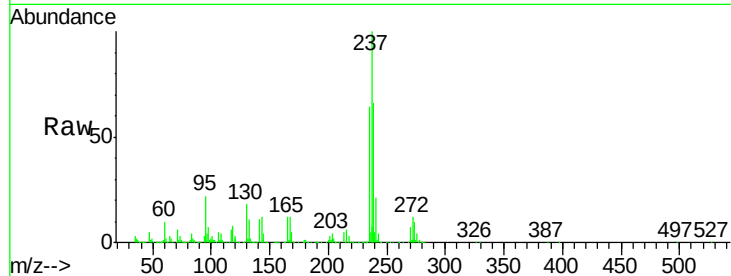
BNA_G

ClientSampleId :

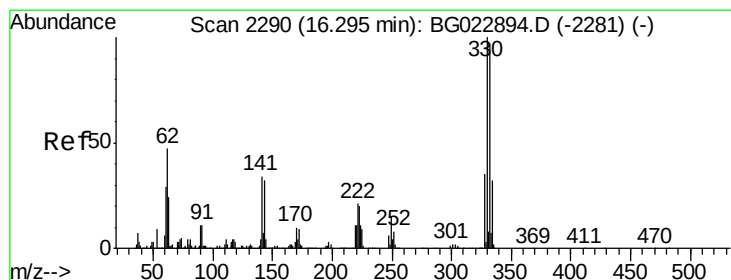
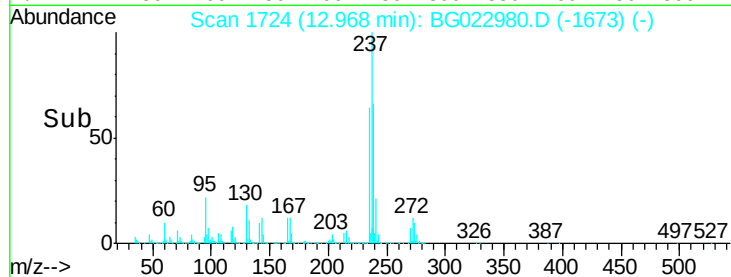
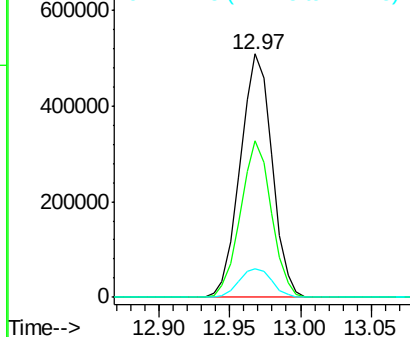
C3-5MSD

Tgt Ion:	237	Resp:	801761
Ion Ratio	Lower	Upper	
237	100		
235	64.5	43.1	83.1
272	11.9	0.0	30.9

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



#41

2,4,6-Tribromophenol

Concen: 135.02 ng

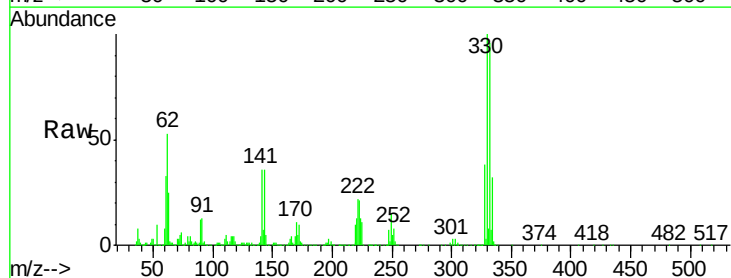
RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

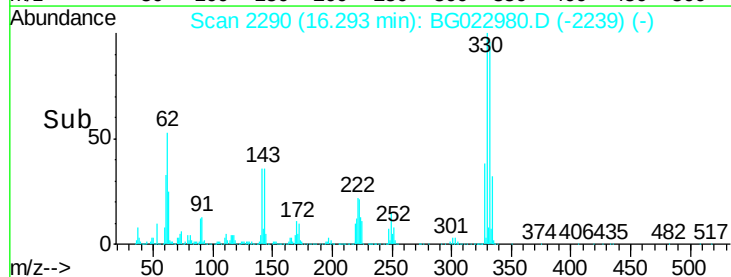
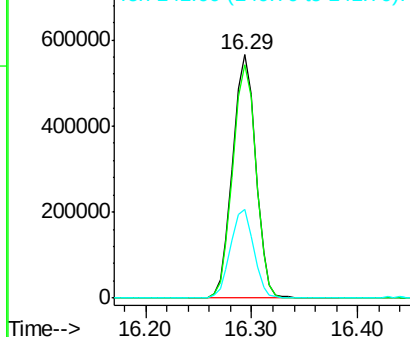
Lab File: BG022980.D

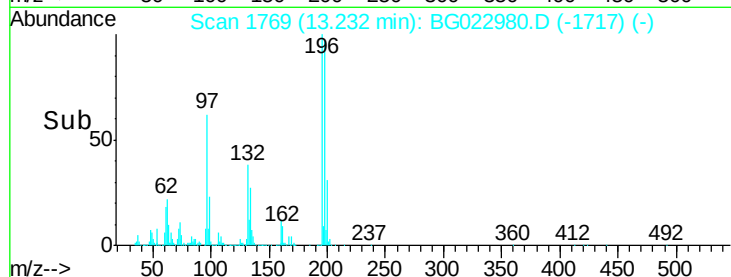
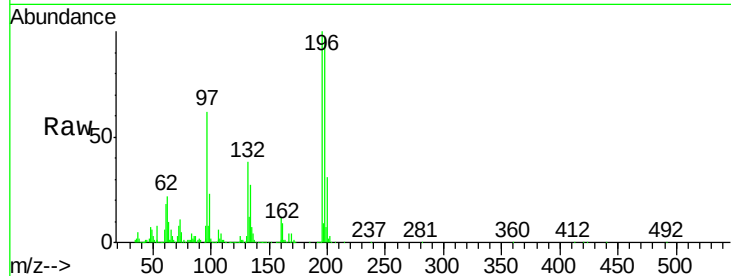
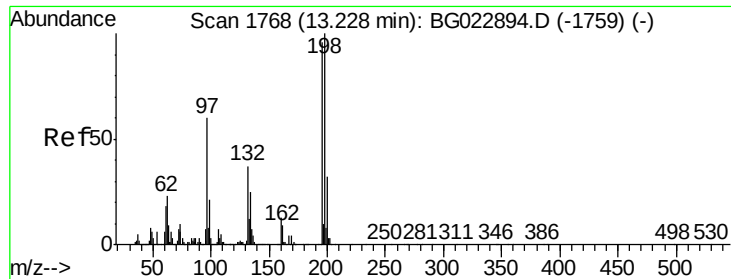
Acq: 10 Jul 2016 00:49

Tgt Ion:	330	Resp:	853277
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.4	116.2
141	36.6	31.7	47.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



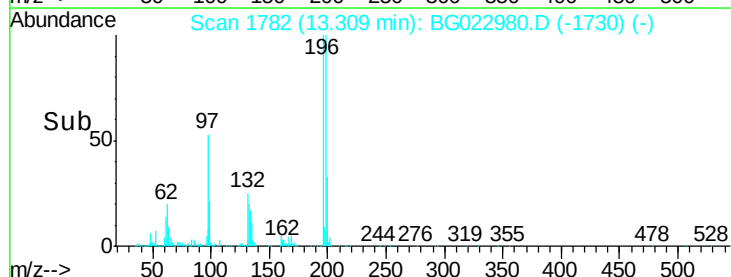
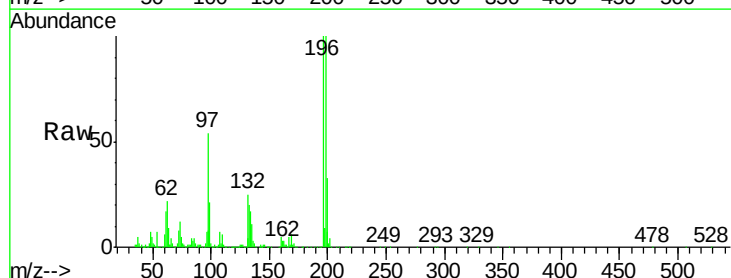
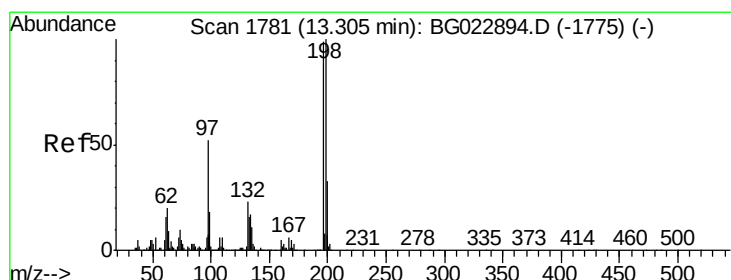
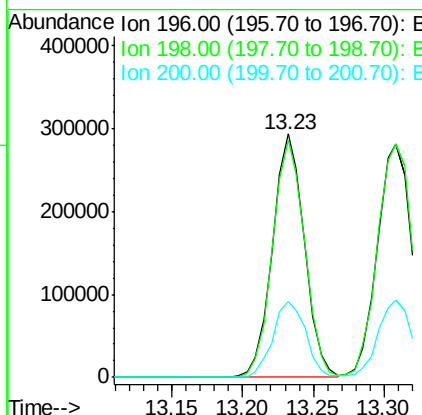


#42
2,4,6-Trichlorophenol
Concen: 53.09 ng
RT: 13.23 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

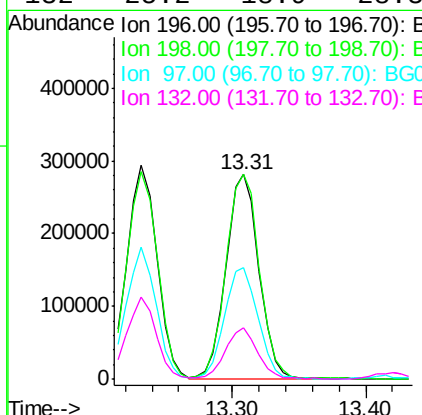
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.2	117.2
200	31.3	27.0	40.4

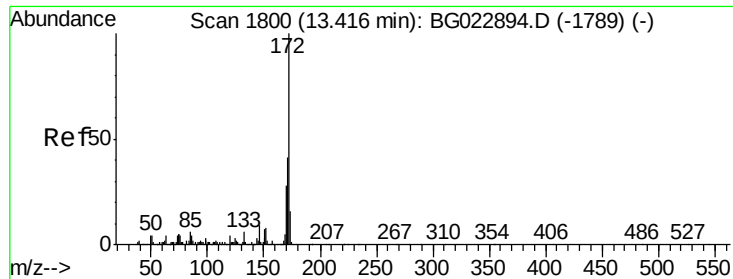
SOHIL
7/11/2016 6:47:01 AM



#43
2,4,5-Trichlorophenol
Concen: 53.87 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	85.7	128.5
97	54.2	45.5	68.3
132	25.2	18.9	28.3



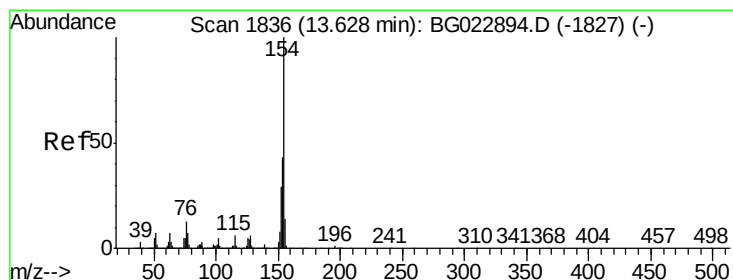
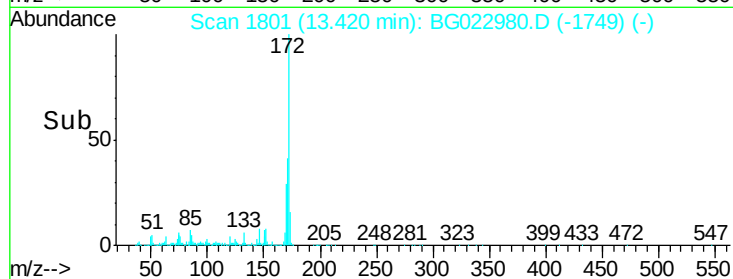
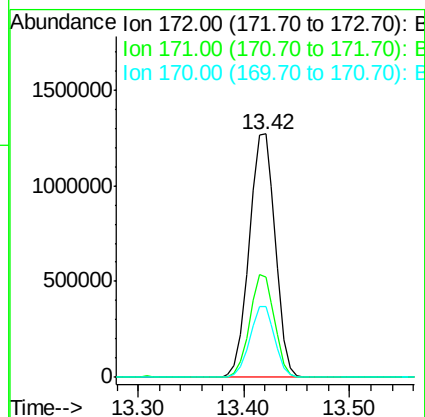
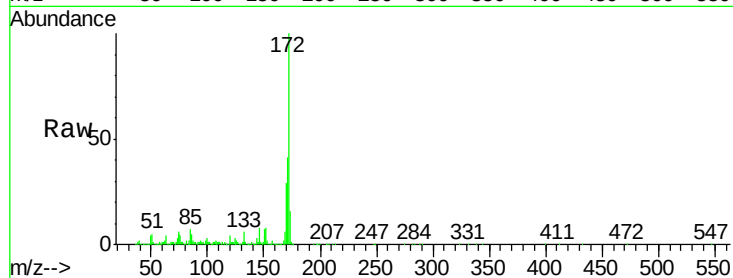


#44
 2-Fluorobiphenyl
 Concen: 97.54 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 C3-5MSD

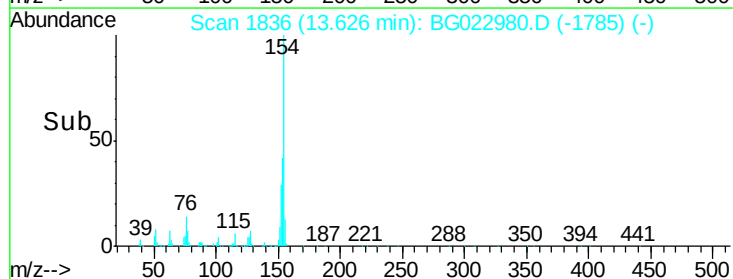
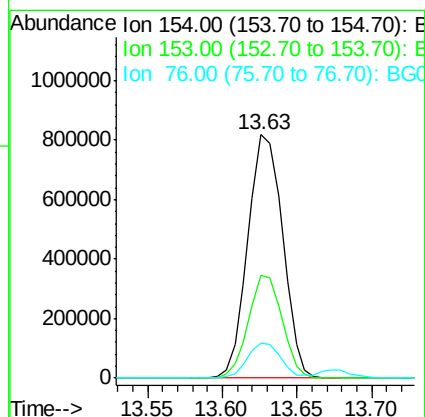
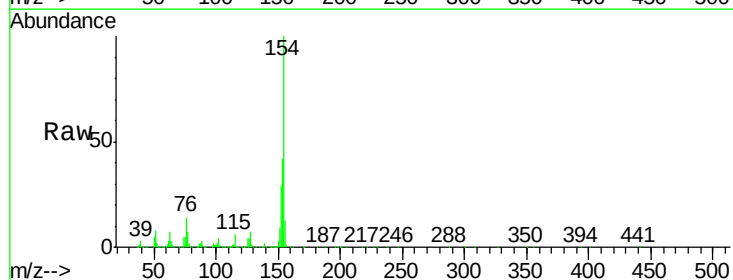
Tgt Ion:172 Resp: 2177424
 Ion Ratio Lower Upper
 172 100
 171 41.4 31.6 47.4
 170 28.8 21.3 31.9

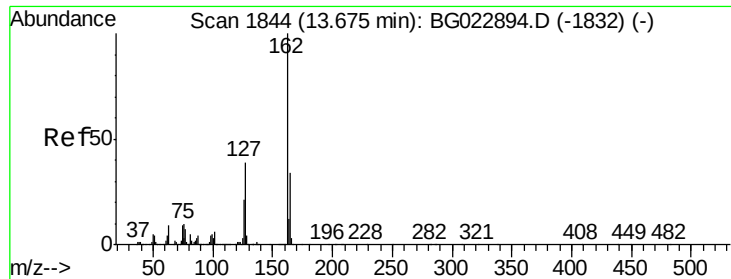
SOHIL
 7/11/2016 6:47:01 AM



#45
 1,1'-Biphenyl
 Concen: 50.10 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Tgt Ion:154 Resp: 1321769
 Ion Ratio Lower Upper
 154 100
 153 42.1 20.2 60.2
 76 14.2 0.0 32.9



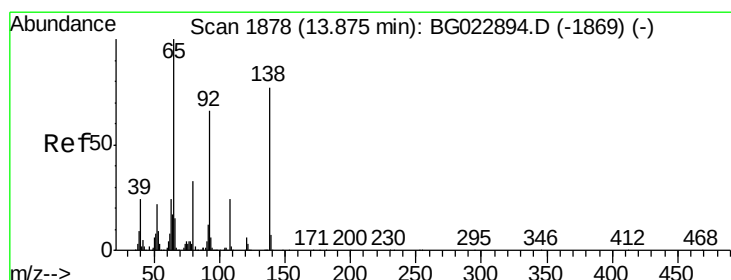
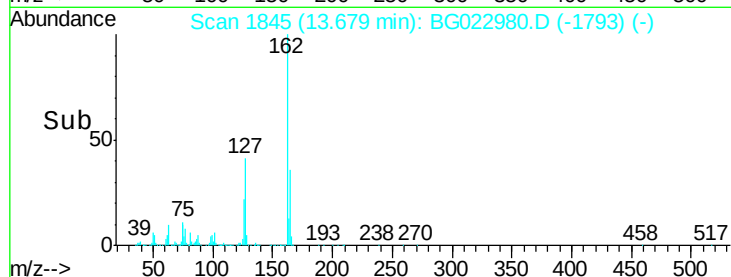
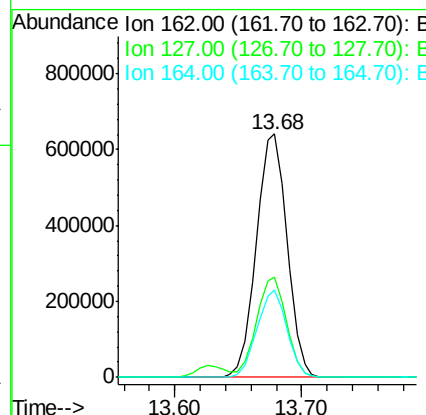
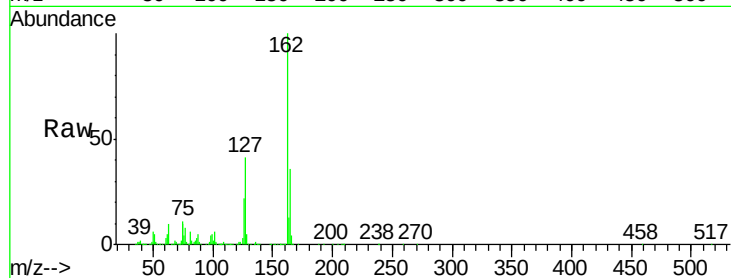


#46
2-Chloronaphthalene
Concen: 50.61 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

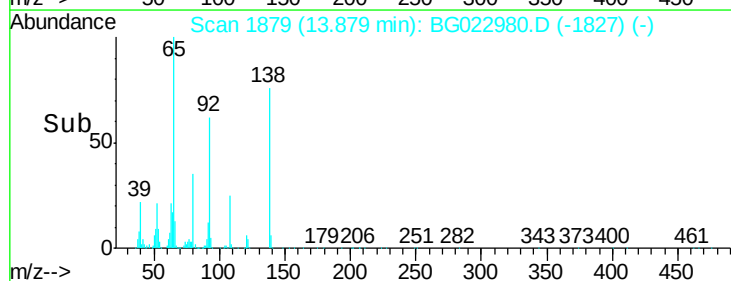
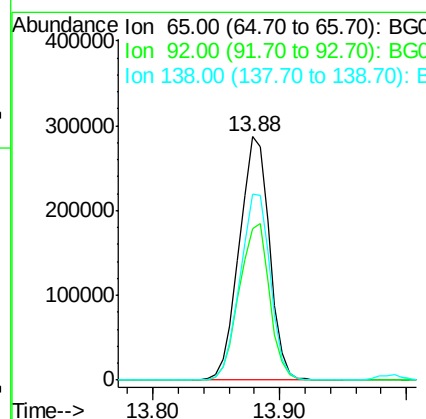
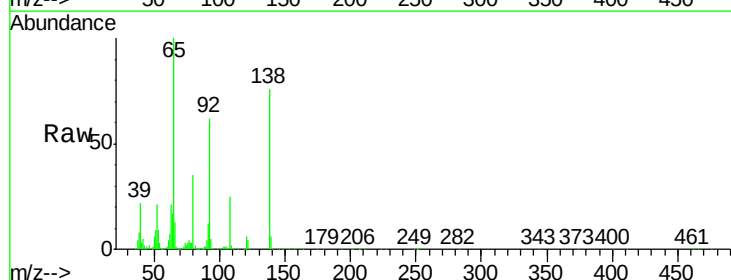
Tgt Ion: 162 Resp: 1083086
Ion Ratio Lower Upper
162 100
127 40.9 32.4 48.6
164 35.8 25.2 37.8

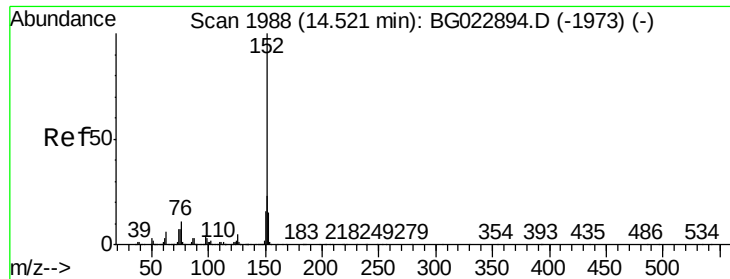
SOHIL
7/11/2016 6:47:01 AM



#47
2-Nitroaniline
Concen: 51.79 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion: 65 Resp: 472993
Ion Ratio Lower Upper
65 100
92 62.1 49.4 74.0
138 76.4 58.0 87.0





#48

Acenaphthylene

Concen: 50.68 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion:152 Resp: 1627197

Ion Ratio Lower Upper

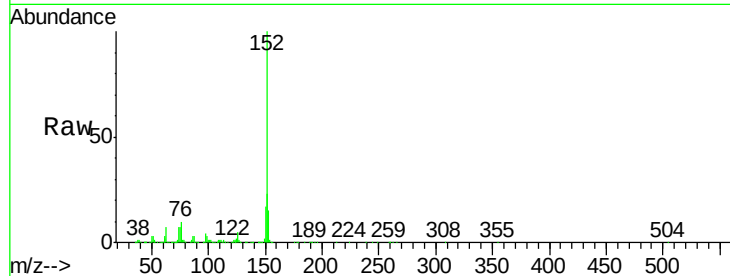
152 100

151 22.9 17.6 26.4

153 14.8 11.4 17.2

SOHIL

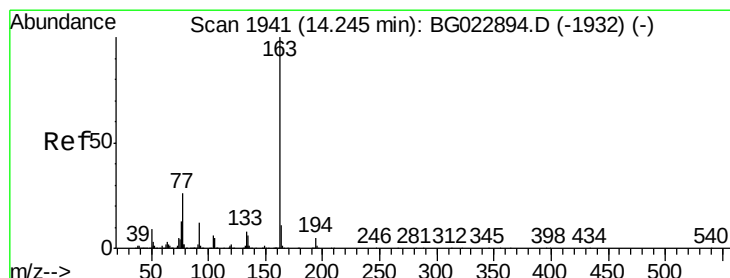
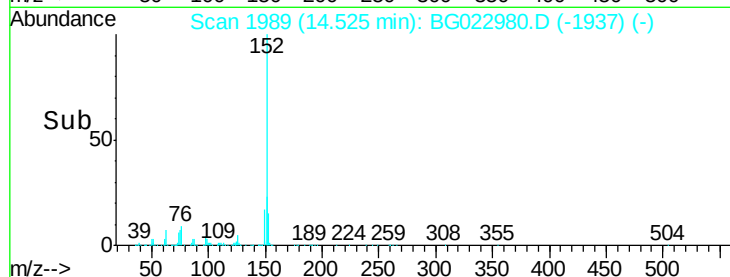
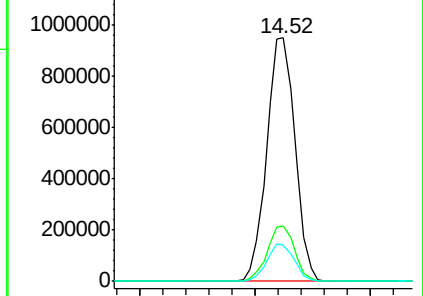
7/11/2016 6:47:01 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 62.37 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

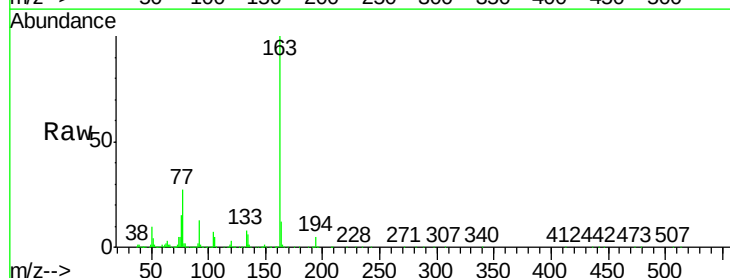
Tgt Ion:163 Resp: 1791475

Ion Ratio Lower Upper

163 100

194 5.3 3.6 5.4

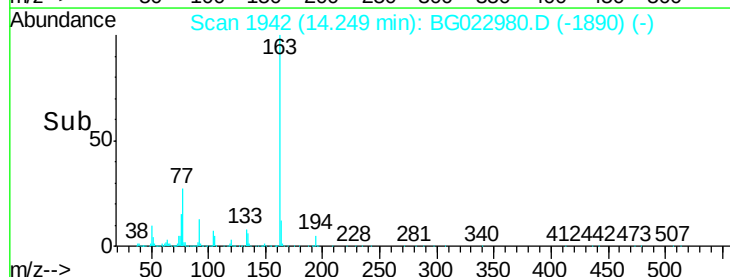
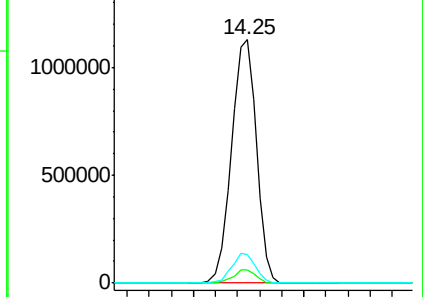
164 11.5 8.1 12.1

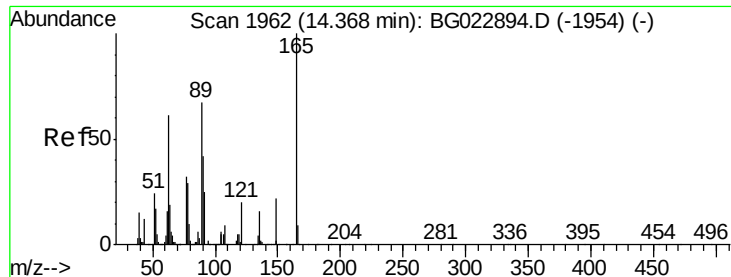


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



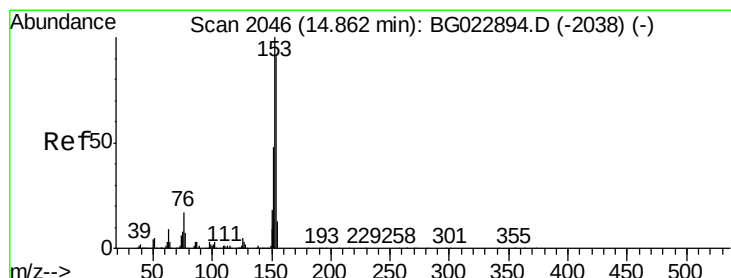
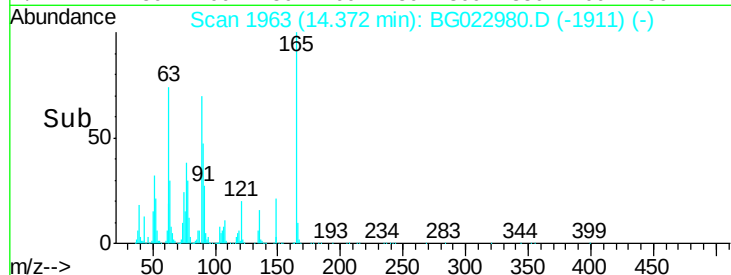
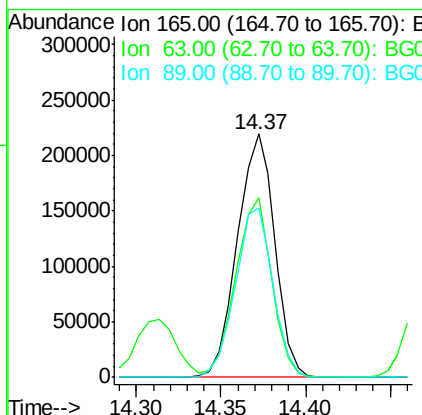
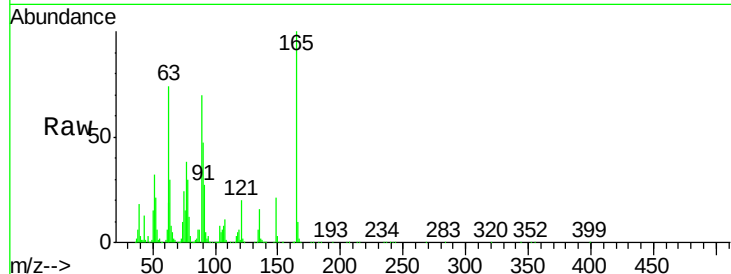


#50
2,6-Dinitrotoluene
Concen: 52.16 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

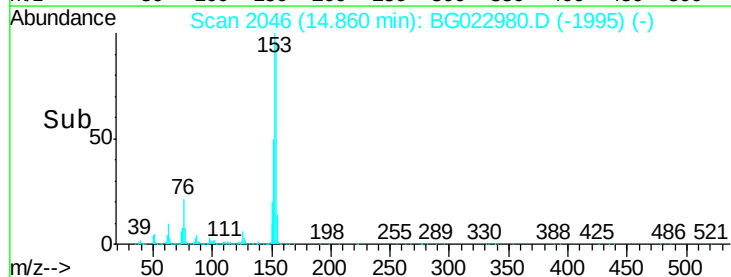
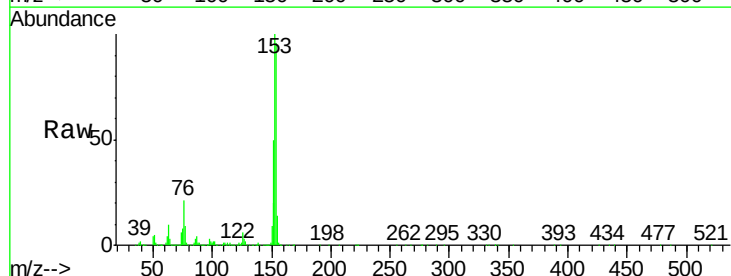
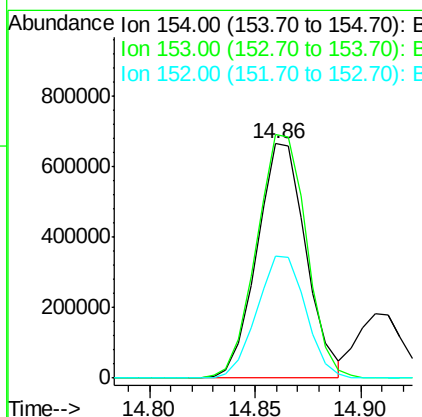
Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.6	64.3	96.5
89	69.7	64.3	96.5

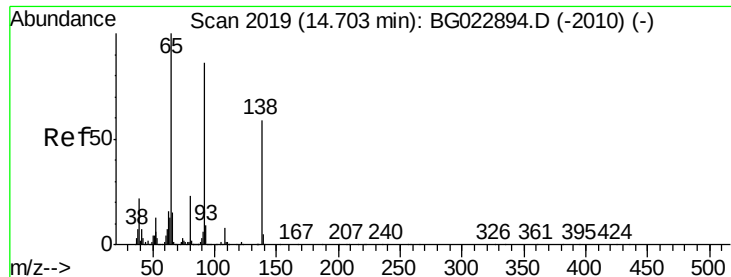
SOHIL
7/11/2016 6:47:01 AM



#51
Acenaphthene
Concen: 51.00 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	103.9	87.5	131.3
152	52.2	42.7	64.1





#52

3-Nitroaniline

Concen: 40.91 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion:138 Resp: 263312

Ion Ratio Lower Upper

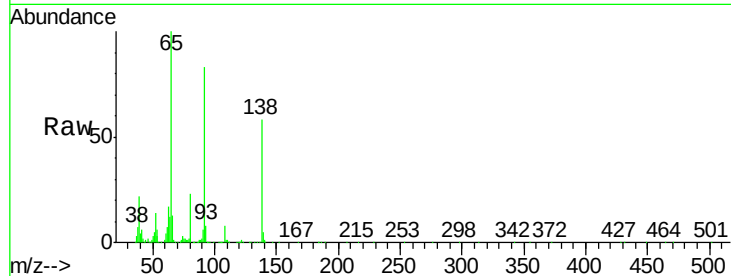
138 100

108 14.5 11.7 17.5

92 142.3 129.7 194.5

SOHIL

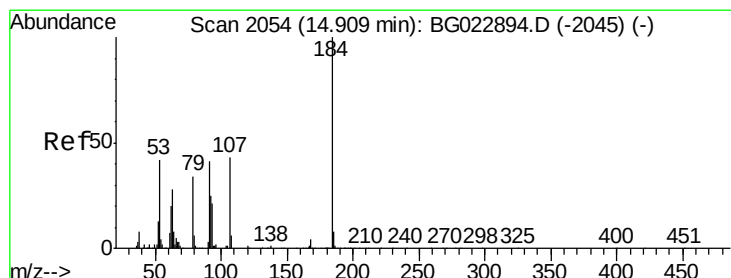
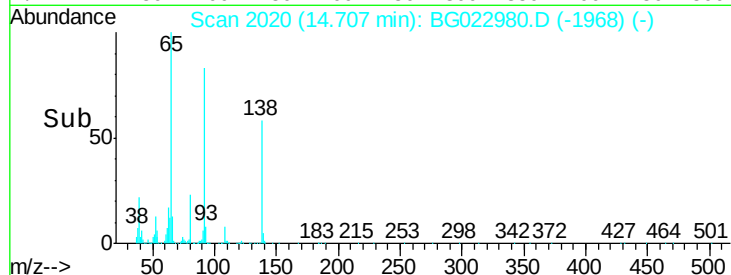
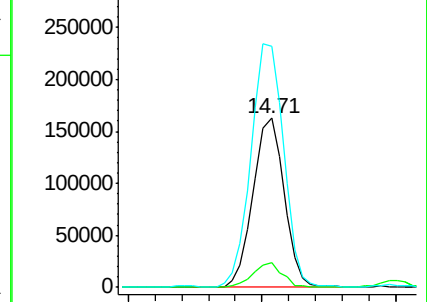
7/11/2016 6:47:01 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 87.47 ng

RT: 14.91 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

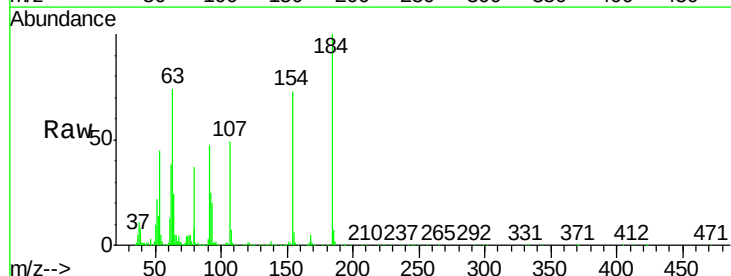
Tgt Ion:184 Resp: 387448

Ion Ratio Lower Upper

184 100

63 73.6 59.6 89.4

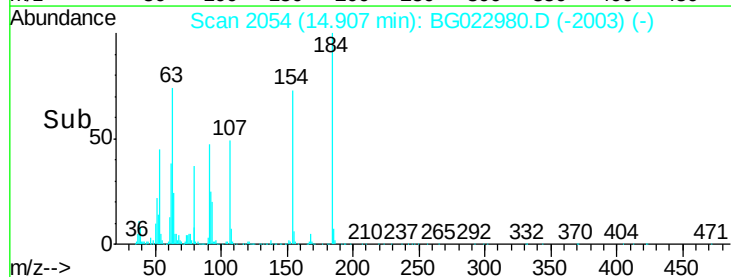
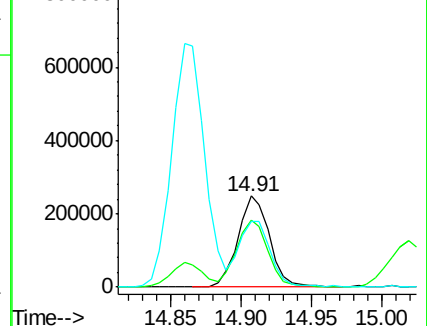
154 72.8 67.4 101.0

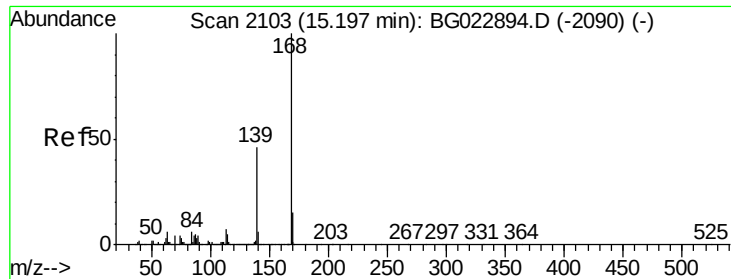


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



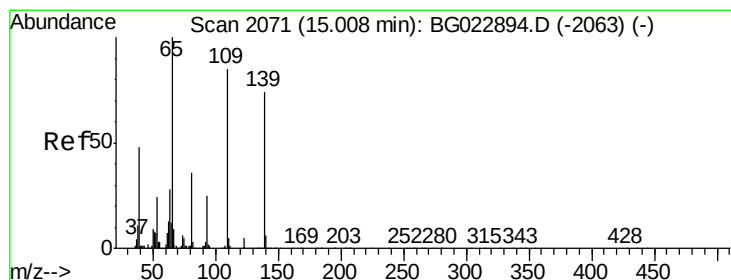
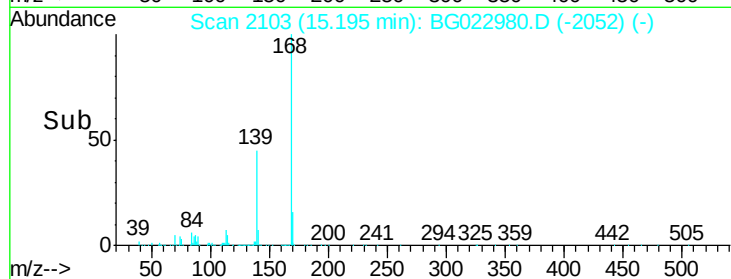
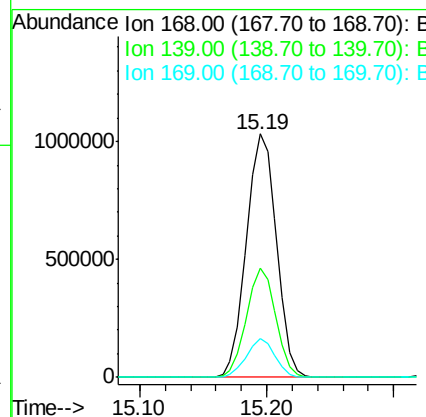
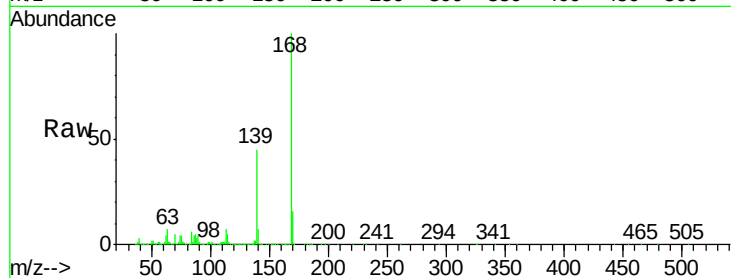


#54
Dibenzenofuran
Concen: 54.11 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

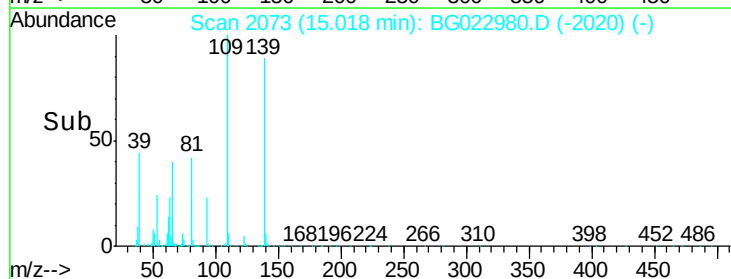
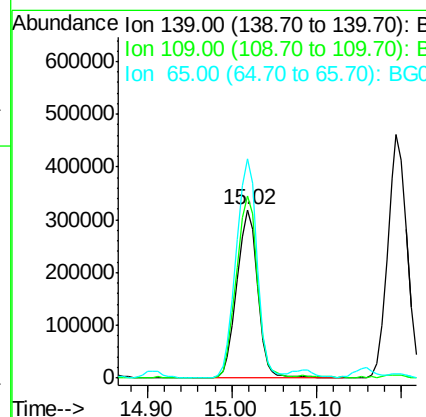
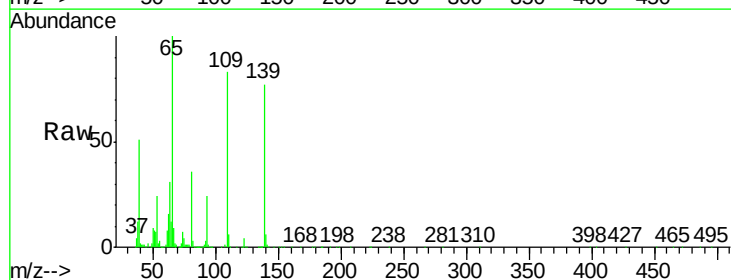
Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.7	36.4	54.6
169	15.7	11.9	17.9

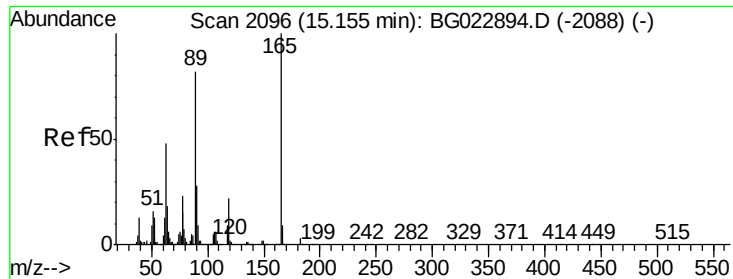
SOHIL
7/11/2016 6:47:01 AM



#55
4-Nitrophenol
Concen: 99.90 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.4	103.0	143.0
65	130.2	112.7	152.7





#56

2,4-Dinitrotoluene

Concen: 52.91 ng

RT: 15.16 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

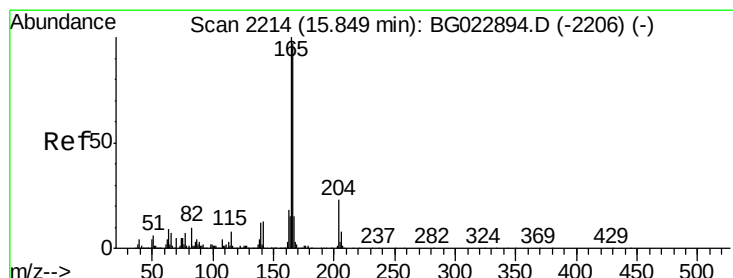
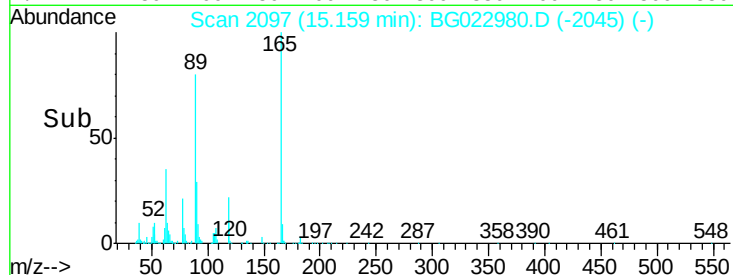
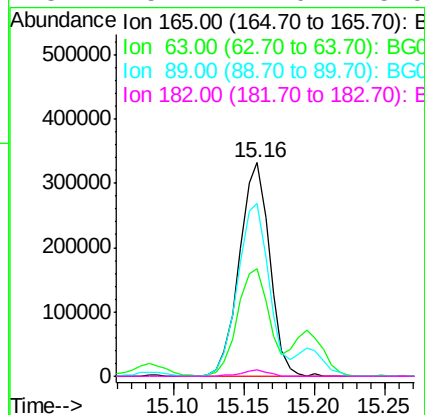
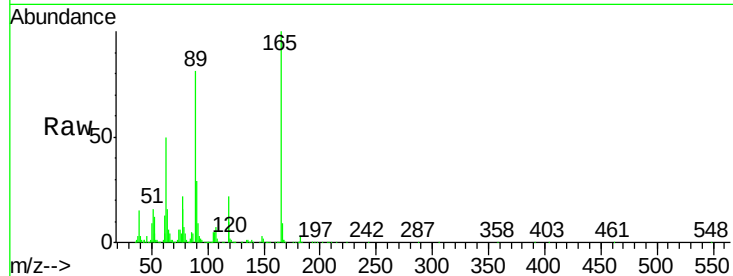
ClientSampleId :

C3-5MSD

Tgt Ion:	165	Resp:	497957
Ion Ratio	Lower	Upper	
165	100		
63	50.2	45.8	68.6
89	81.1	68.6	102.8
182	3.1	2.0	3.0#

SOHIL

7/11/2016 6:47:01 AM



#57

Fluorene

Concen: 51.23 ng

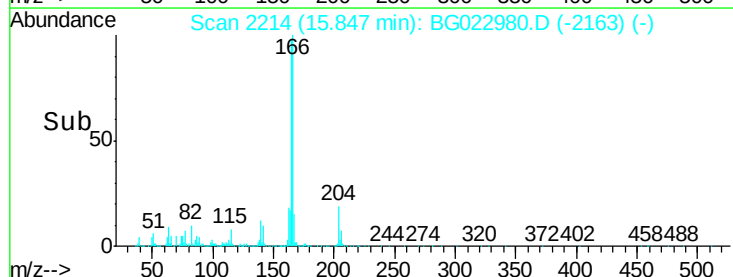
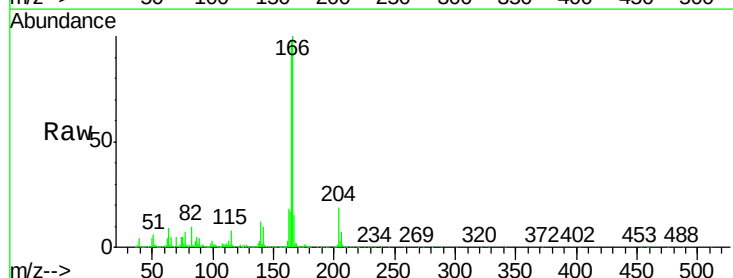
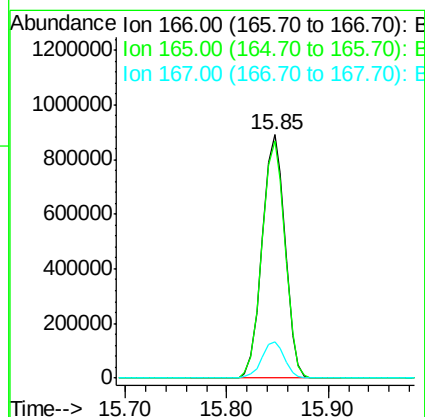
RT: 15.85 min Scan# 2214

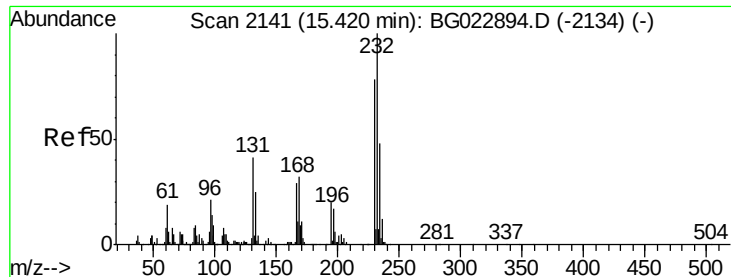
Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Tgt Ion:	166	Resp:	1384551
Ion Ratio	Lower	Upper	
166	100		
165	97.7	81.0	121.6
167	14.8	12.0	18.0



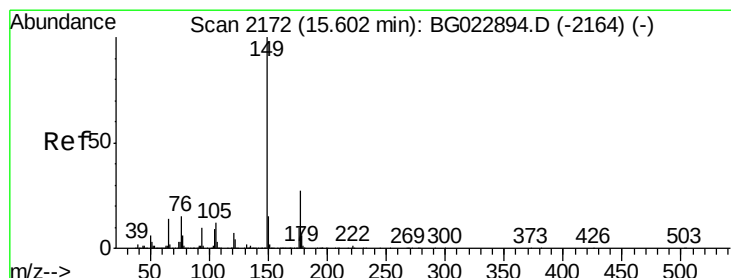
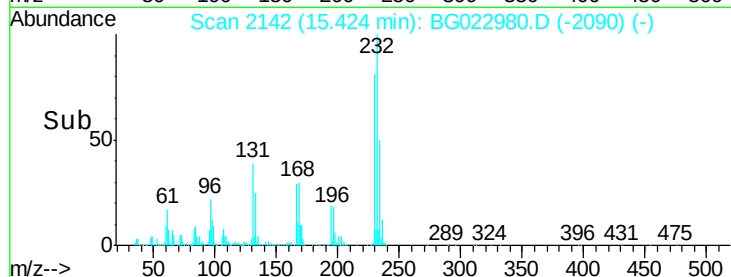
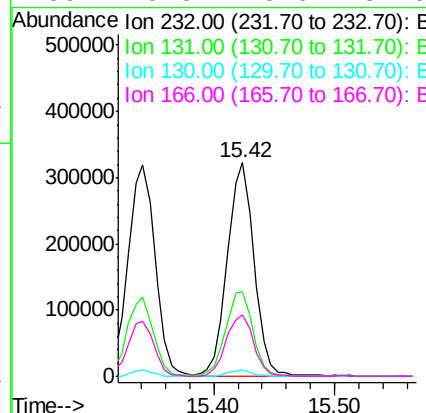
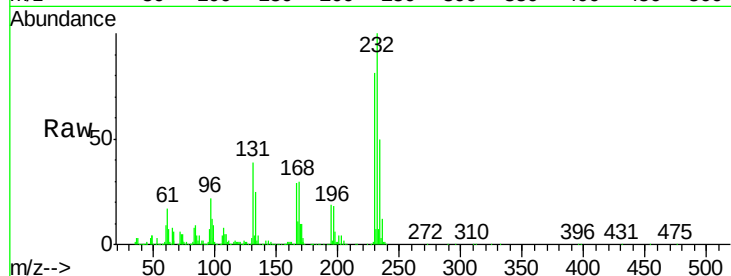


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.20 ng
 RT: 15.42 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Instrument :
 BNA_G
 ClientSampleId :
 C3-5MSD

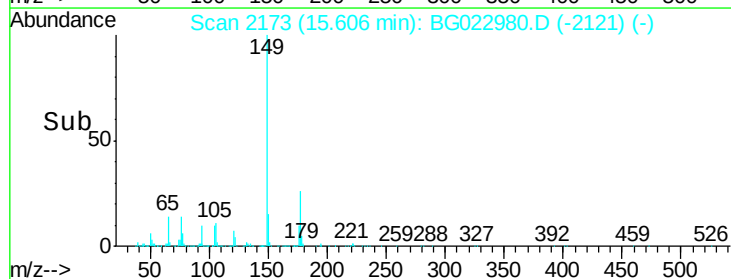
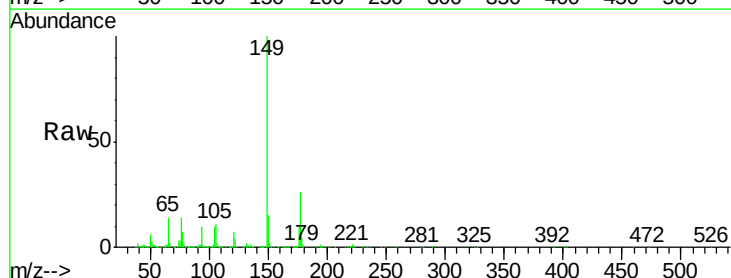
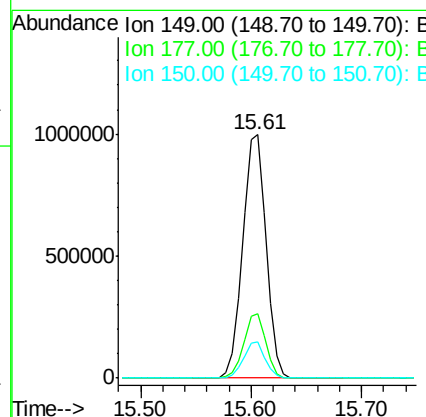
Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.7	49.1
130	2.6	2.6	3.8
166	29.3	23.0	34.6

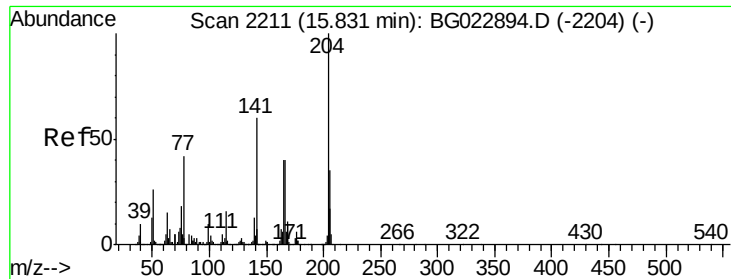
SOHIL
 7/11/2016 6:47:01 AM



#59
 Diethylphthalate
 Concen: 50.61 ng
 RT: 15.61 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.2	19.2	28.8
150	15.0	10.6	16.0



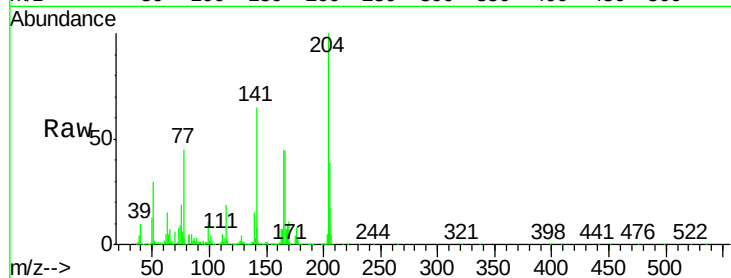


#60
4-Chlorophenyl-phenylether
Concen: 49.55 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

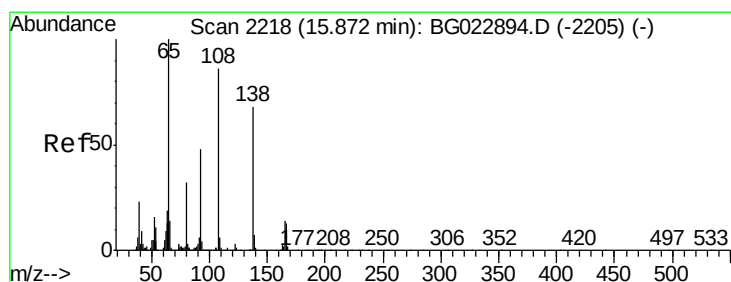
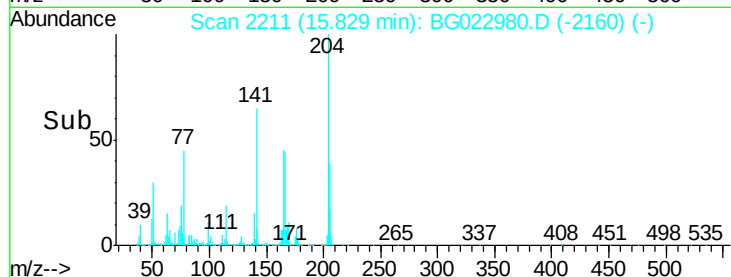
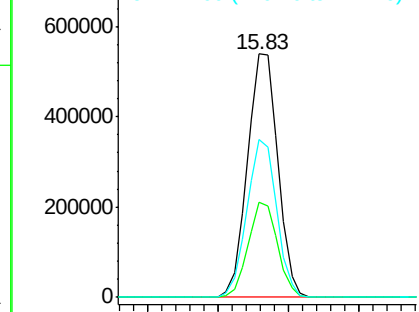
Instrument :
BNA_G
ClientSampleId :
C3-5MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	38.9	28.5	42.7
141	64.9	51.4	77.0

SOHIL
7/11/2016 6:47:01 AM

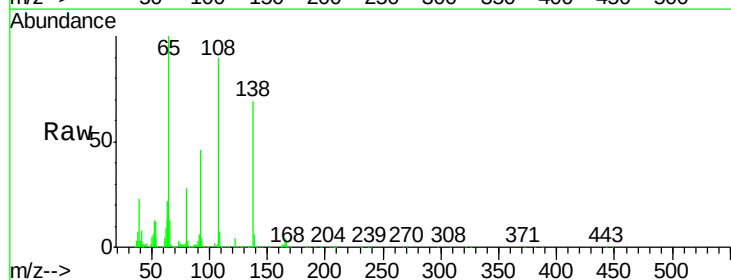


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

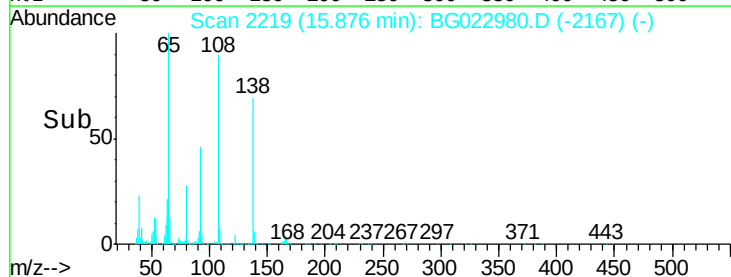
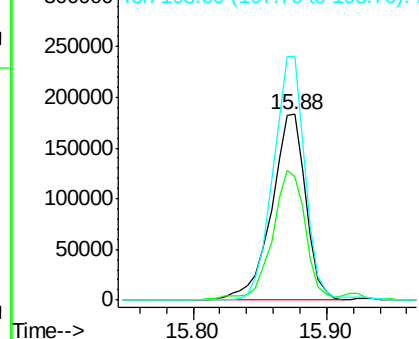


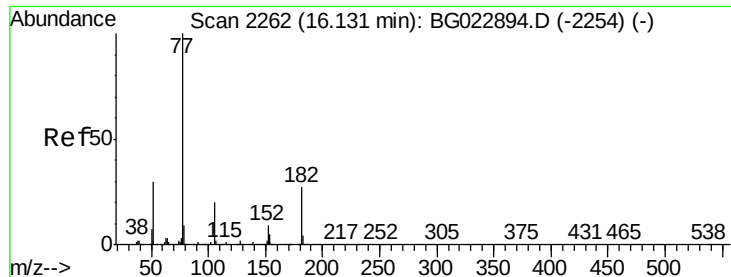
#61
4-Nitroaniline
Concen: 46.97 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.4	54.1	94.1
108	131.0	133.9	173.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 58.36 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion: 77 Resp: 1631342

Ion Ratio Lower Upper

77 100

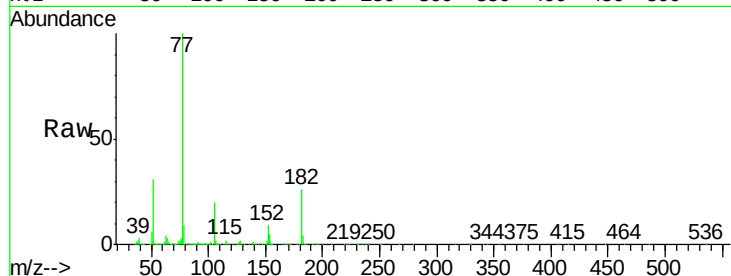
182 26.0 3.5 43.5

105 19.5 0.0 38.5

51 30.9 17.1 57.1

SOHIL

7/11/2016 6:47:01 AM

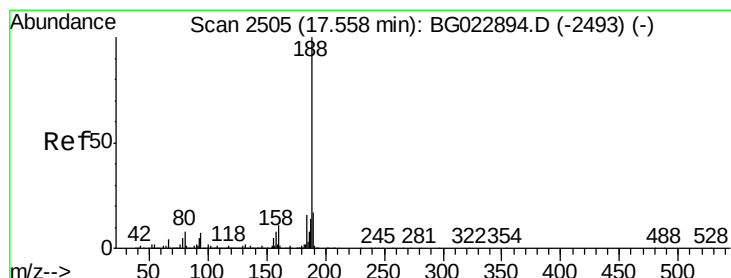
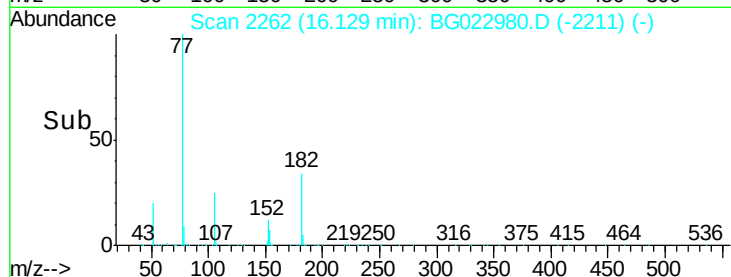
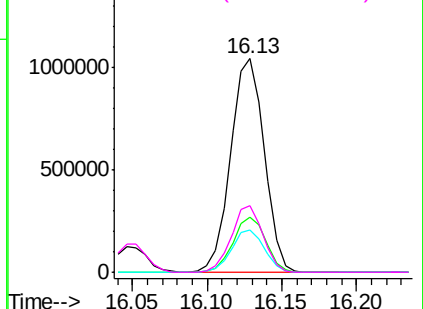


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

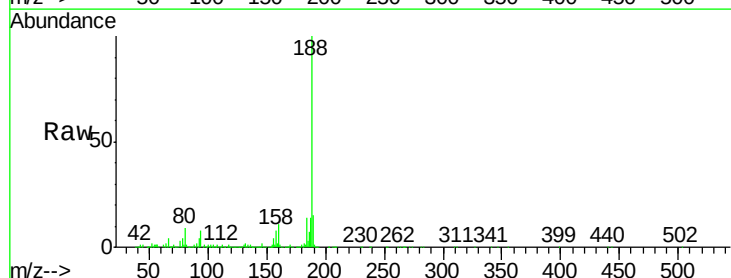
Tgt Ion: 188 Resp: 834772

Ion Ratio Lower Upper

188 100

94 8.1 5.2 7.8#

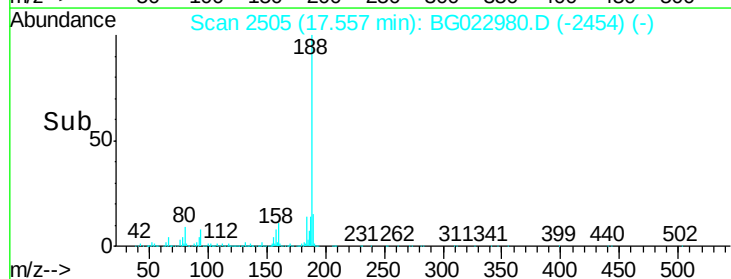
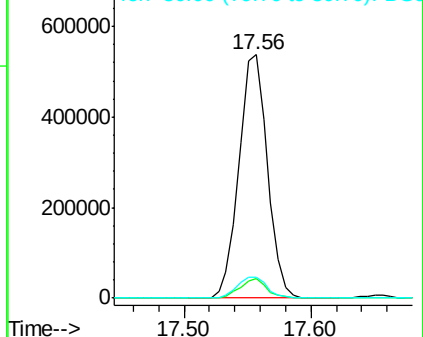
80 8.5 7.2 10.8

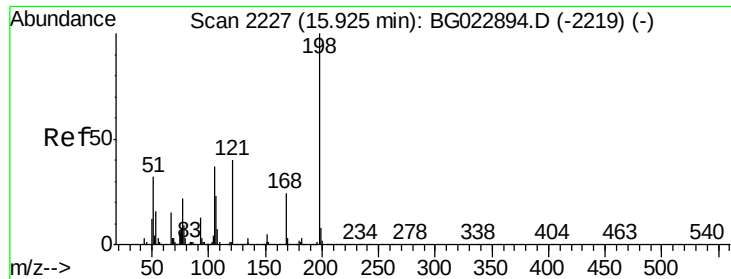


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



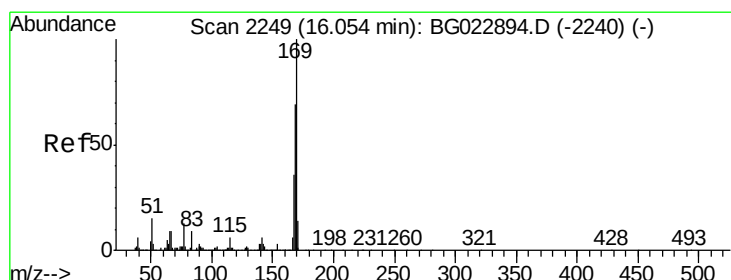
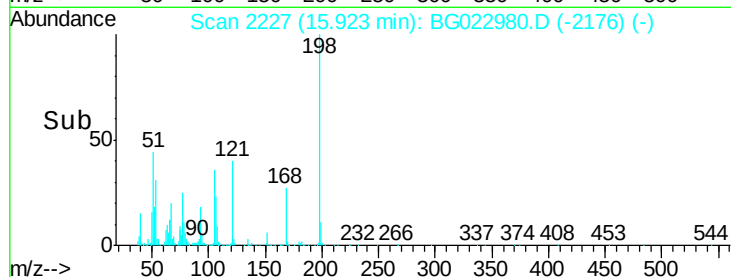
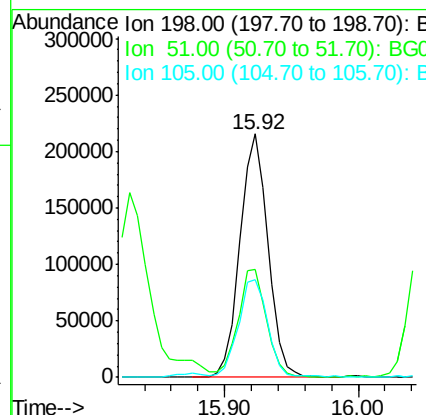
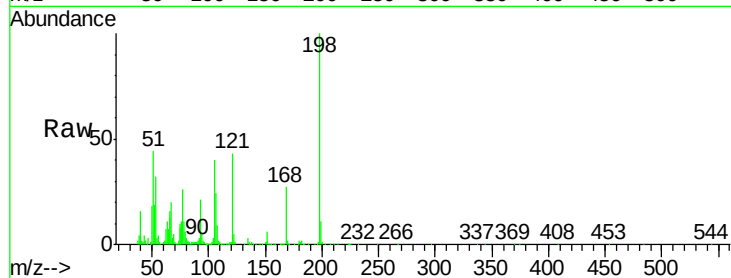


#64
 4,6-Dinitro-2-methylphenol
 Concen: 50.62 ng
 RT: 15.92 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Instrument :
 BNA_G
 ClientSampled :
 C3-5MSD

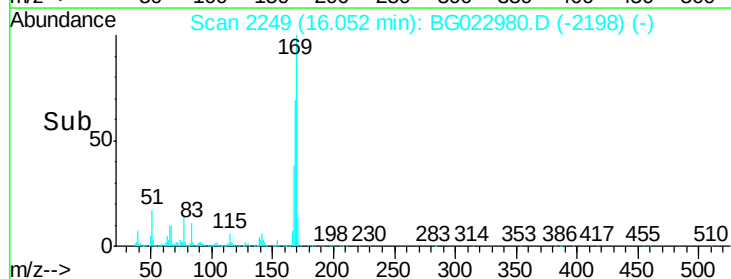
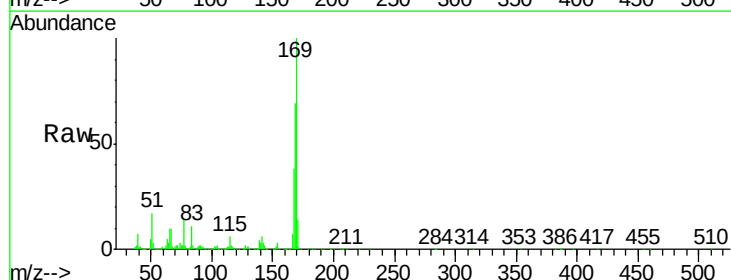
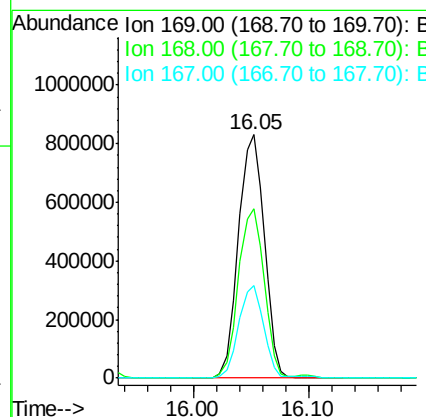
Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.3	26.0	66.0
105	40.3	20.1	60.1

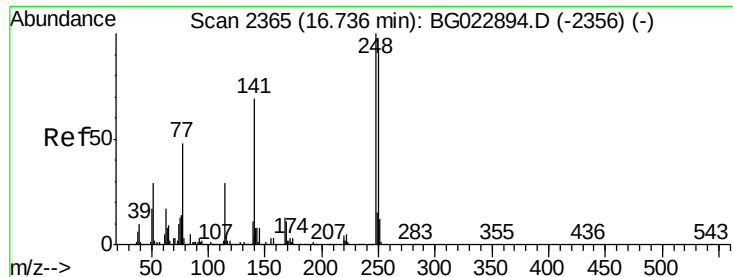
SOHIL
 7/11/2016 6:47:01 AM



#65
 n-Nitrosodiphenylamine
 Concen: 53.73 ng
 RT: 16.05 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.0	82.4
167	38.2	27.4	41.0



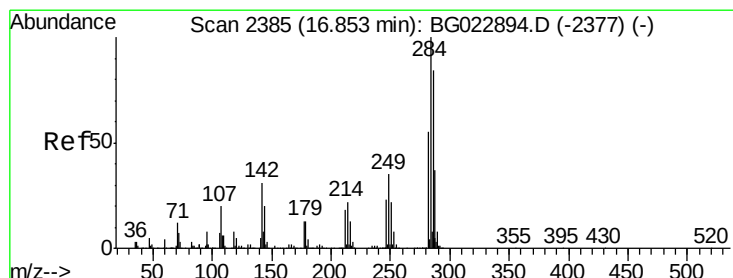
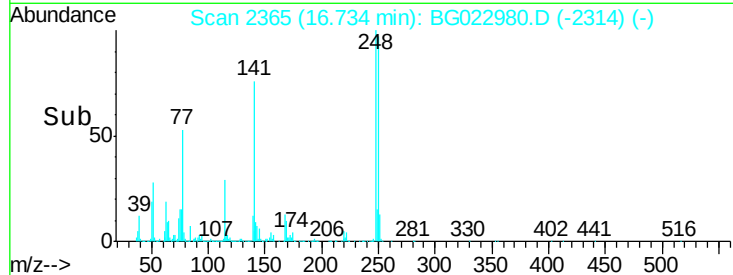
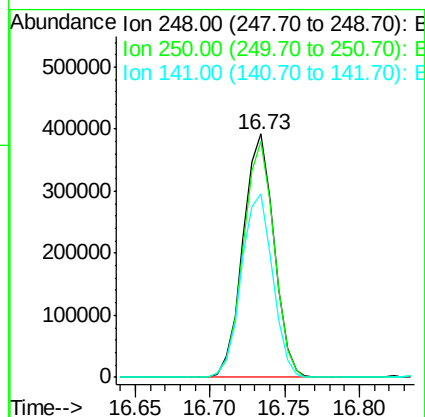
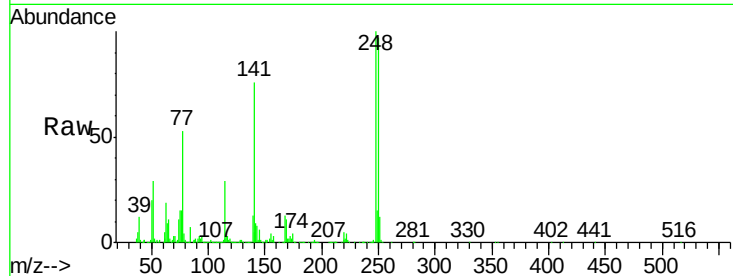


#66
 4-Bromophenyl-phenylether
 Concen: 51.73 ng
 RT: 16.73 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Instrument :
 BNA_G
 ClientSampled :
 C3-5MSD

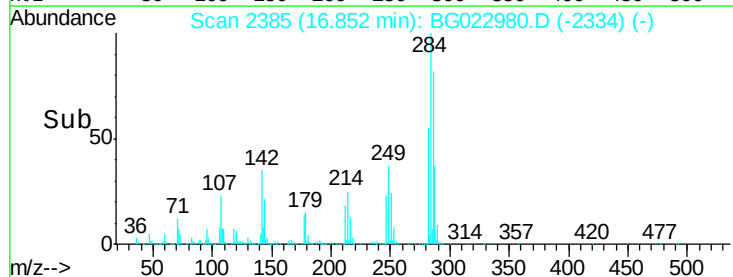
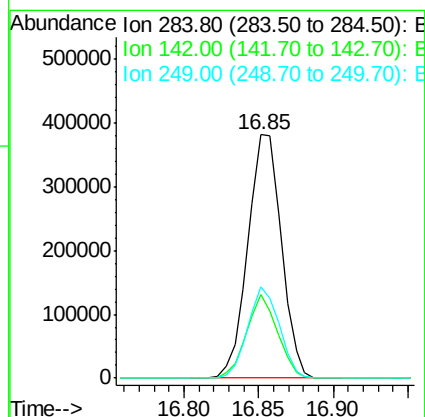
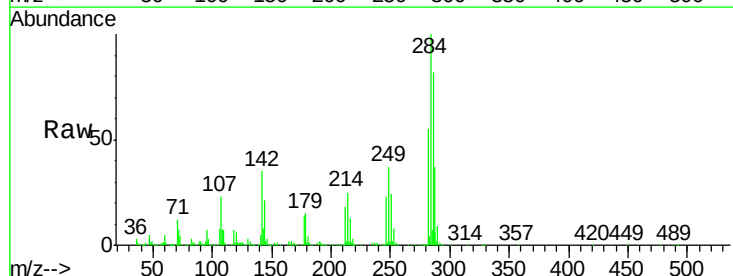
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.8	116.8
141	75.6	65.7	98.5

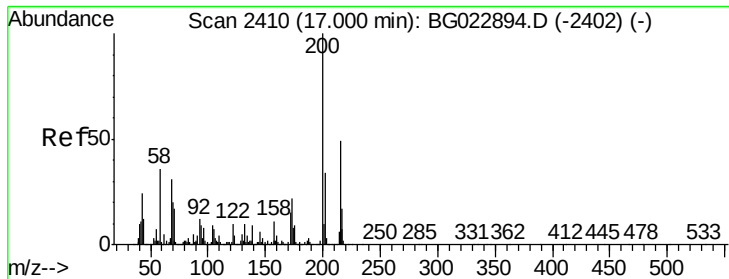
SOHIL
 7/11/2016 6:47:01 AM



#67
 Hexachlorobenzene
 Concen: 50.09 ng
 RT: 16.85 min Scan# 2385
 Delta R.T. -0.00 min
 Lab File: BG022980.D
 Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	26.8	40.2
249	37.3	28.9	43.3



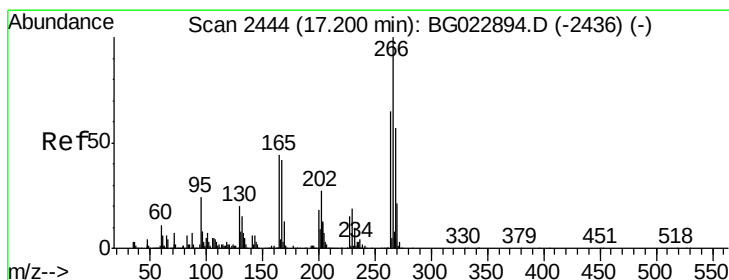
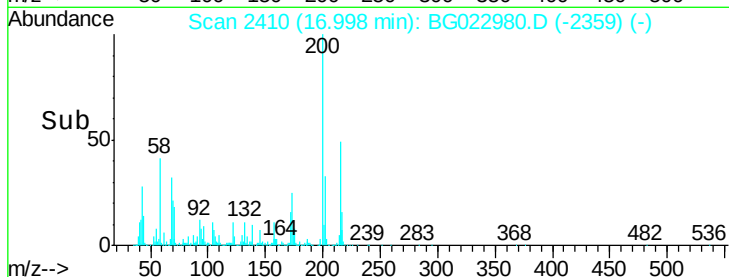
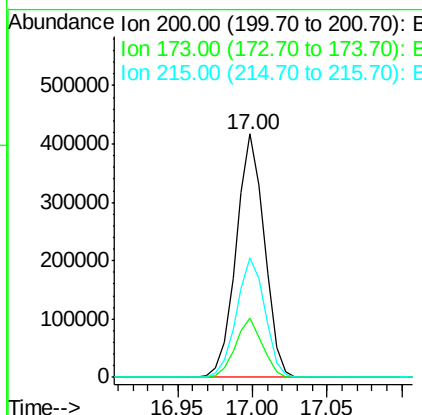
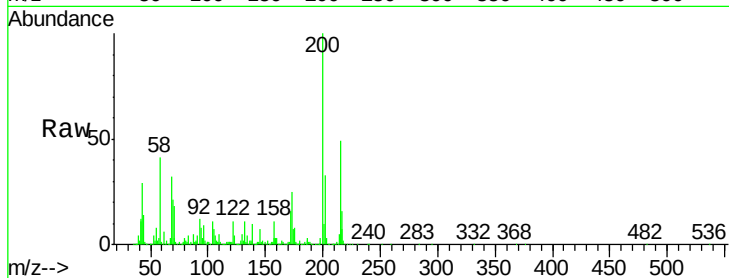


#68
Atrazine
Concen: 51.48 ng
RT: 17.00 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampled :
C3-5MSD

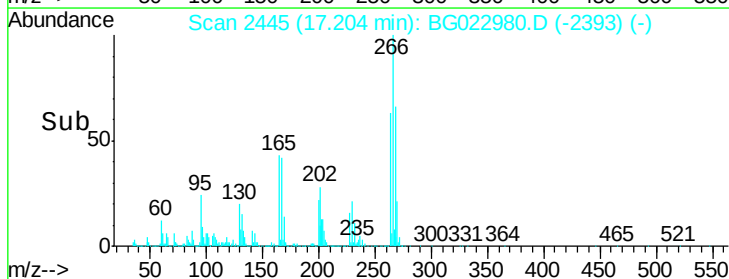
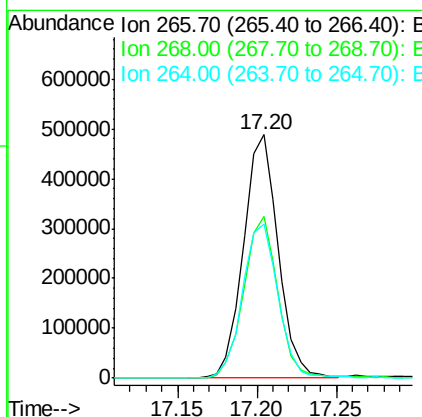
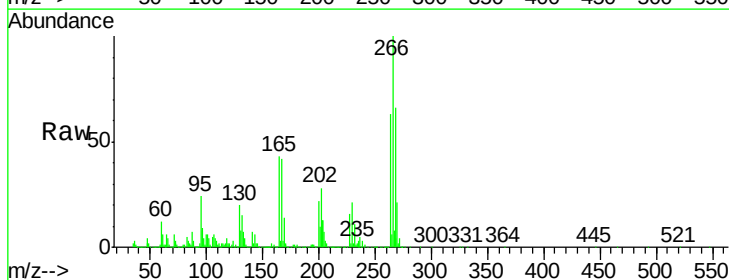
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	1.6	41.6
215	49.0	28.7	68.7

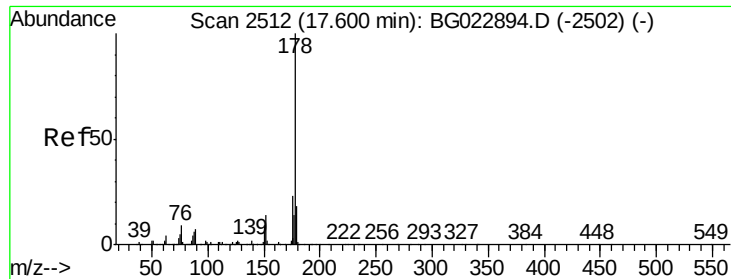
SOHIL
7/11/2016 6:47:01 AM



#69
Pentachlorophenol
Concen: 97.15 ng
RT: 17.20 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.9	77.9
264	63.3	50.6	75.8



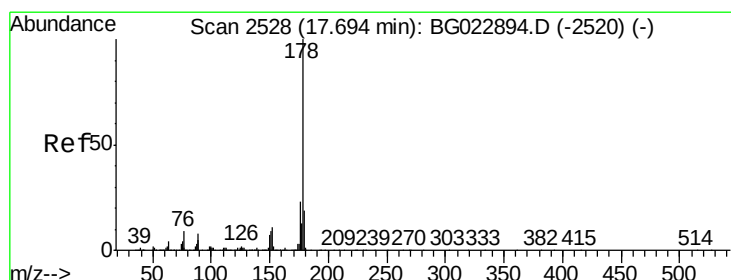
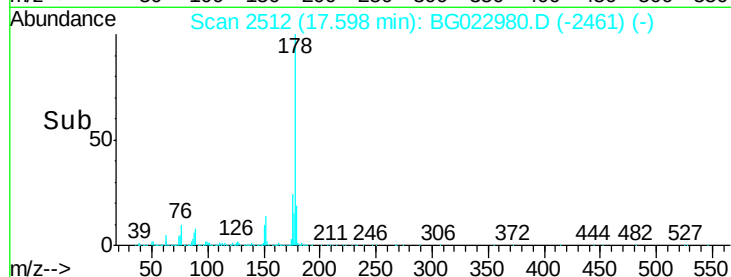
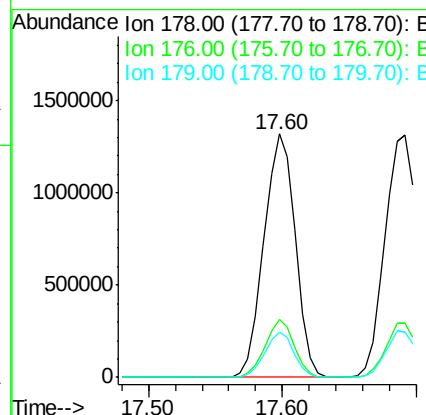
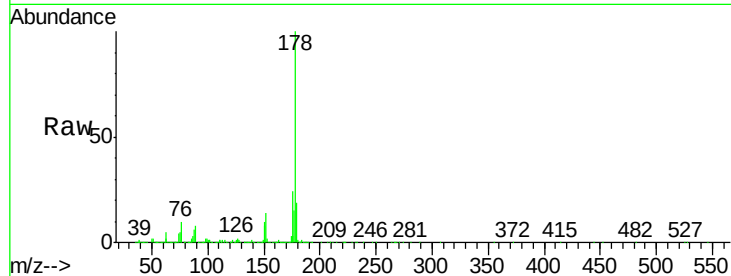


#70
Phenanthrene
Concen: 52.32 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

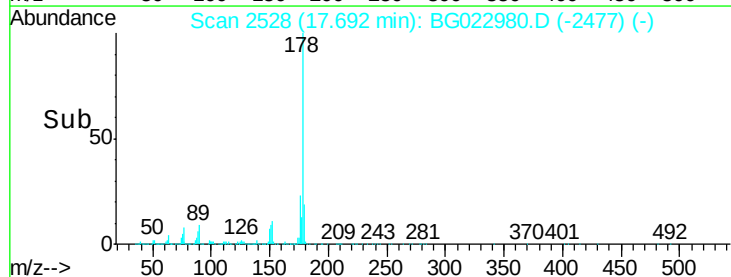
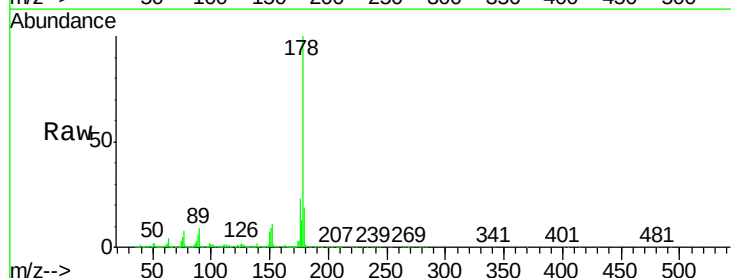
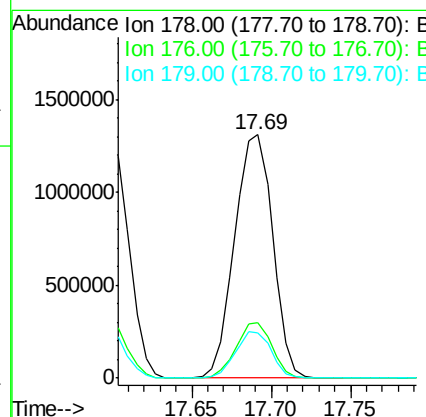
Tgt Ion:178 Resp: 2140182
Ion Ratio Lower Upper
178 100
176 23.7 16.8 25.2
179 18.5 14.3 21.5

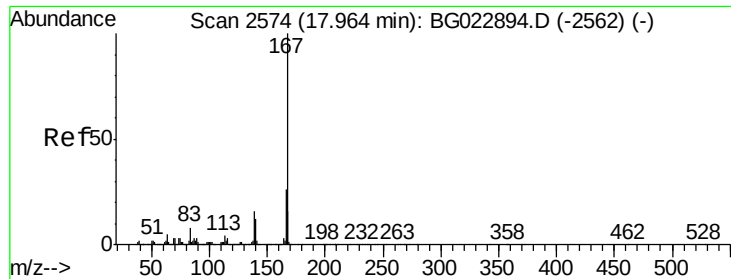
SOHIL
7/11/2016 6:47:01 AM



#71
Anthracene
Concen: 52.80 ng
RT: 17.69 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion:178 Resp: 2187365
Ion Ratio Lower Upper
178 100
176 22.6 17.3 25.9
179 18.8 14.0 21.0





#72

Carbazole

Concen: 52.50 ng

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion:167 Resp: 1879250

Ion Ratio Lower Upper

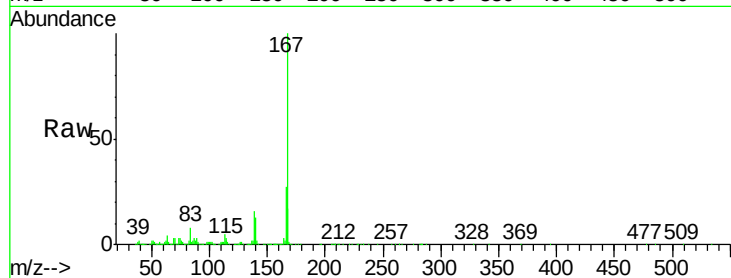
167 100

166 26.5 20.7 31.1

139 15.6 11.9 17.9

SOHIL

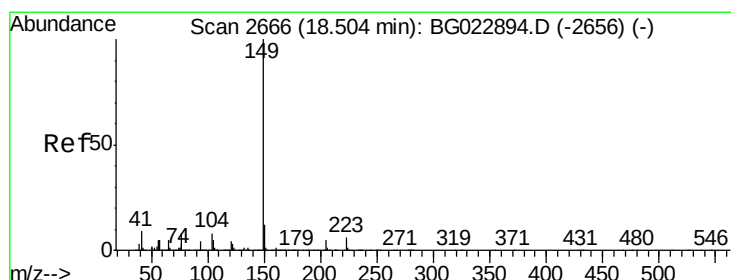
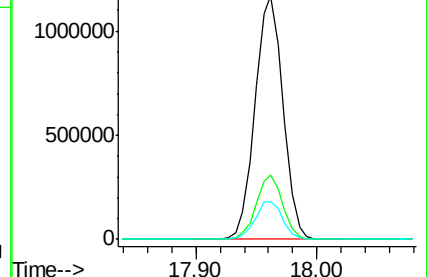
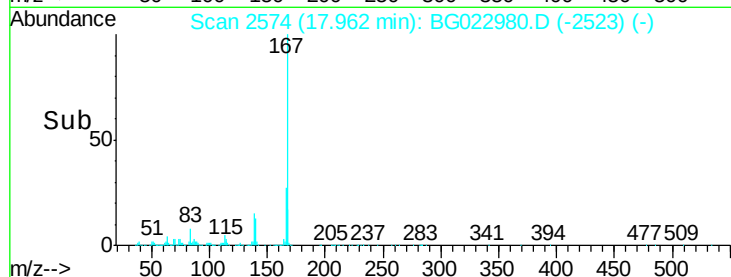
7/11/2016 6:47:01 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 55.35 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

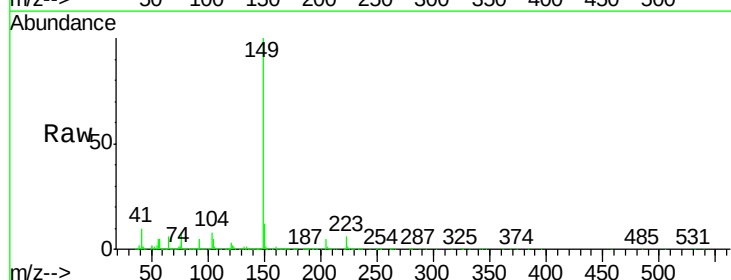
Tgt Ion:149 Resp: 2203452

Ion Ratio Lower Upper

149 100

150 11.6 9.1 13.7

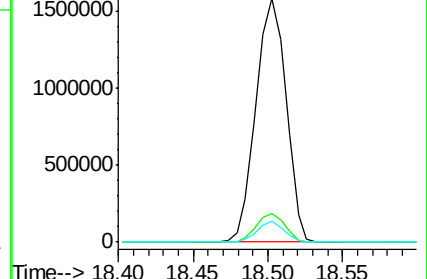
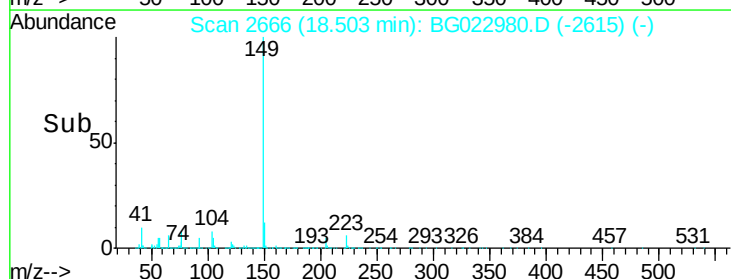
104 8.4 6.9 10.3

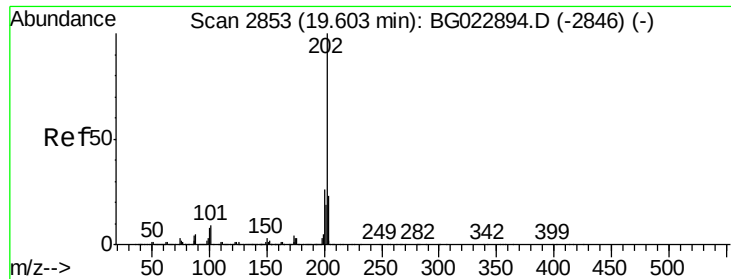


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 49.32 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion:202 Resp: 2476276

Ion Ratio Lower Upper

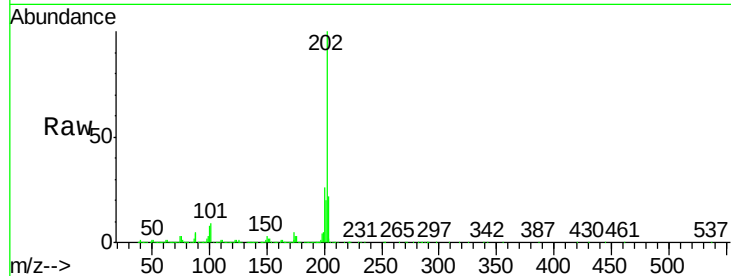
202 100

101 9.4 0.0 27.4

203 22.3 1.7 41.7

SOHIL

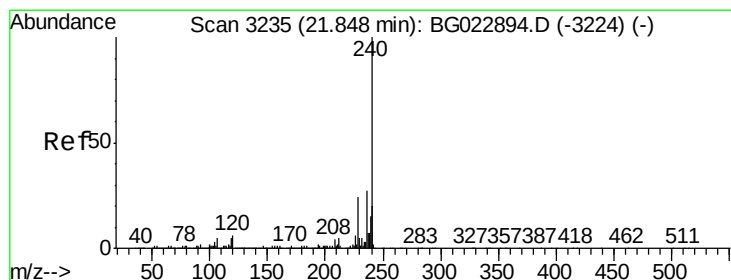
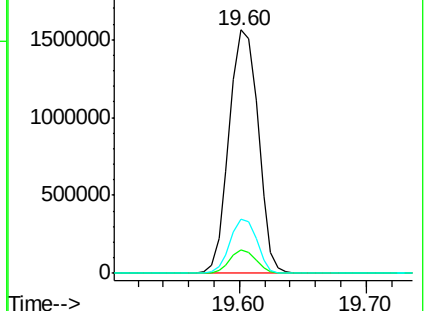
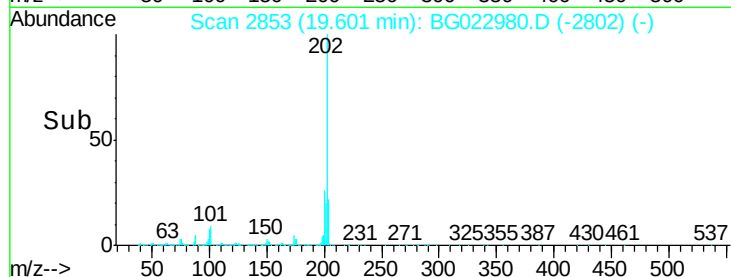
7/11/2016 6:47:01 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

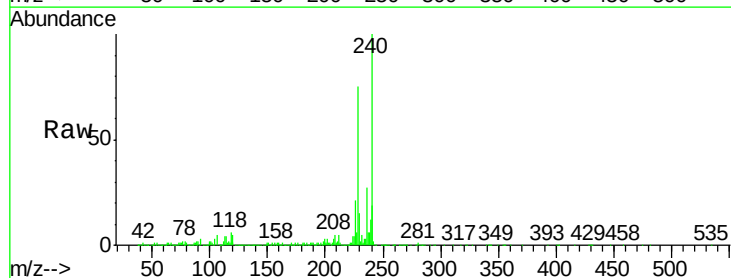
Tgt Ion:240 Resp: 917186

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

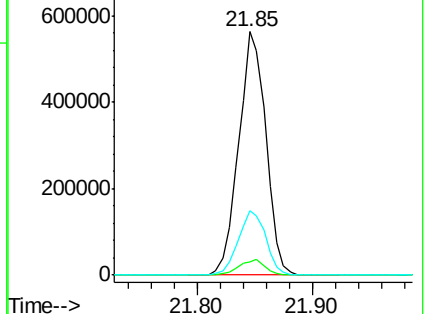
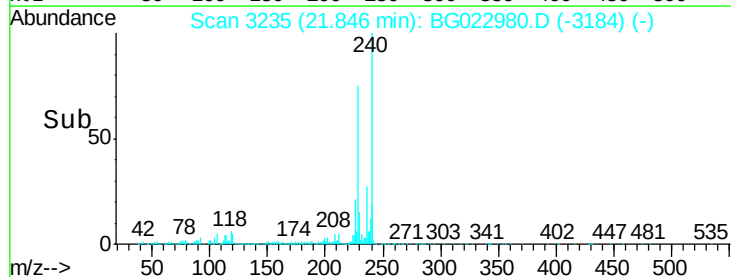
236 26.6 21.1 31.7

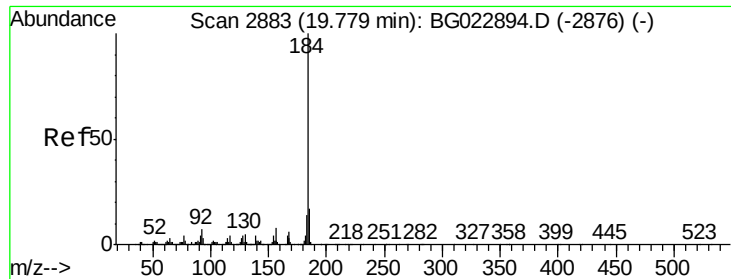


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 66.70 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion:184 Resp: 1753729

Ion Ratio Lower Upper

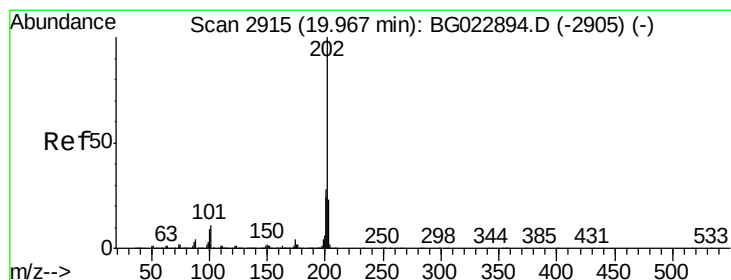
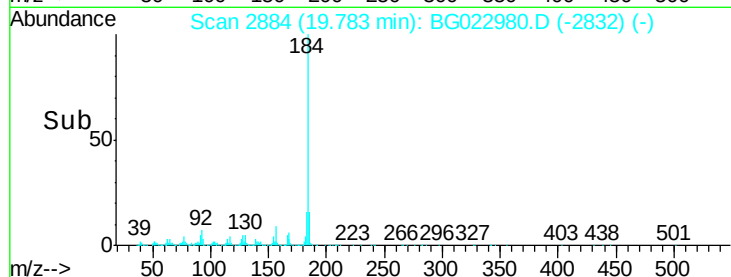
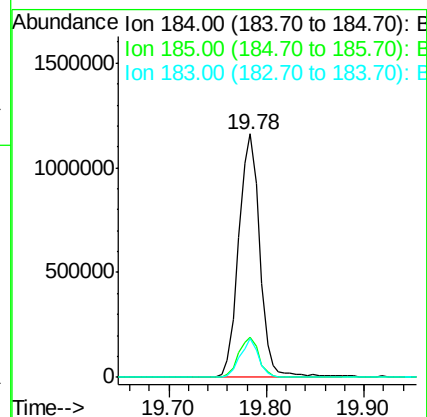
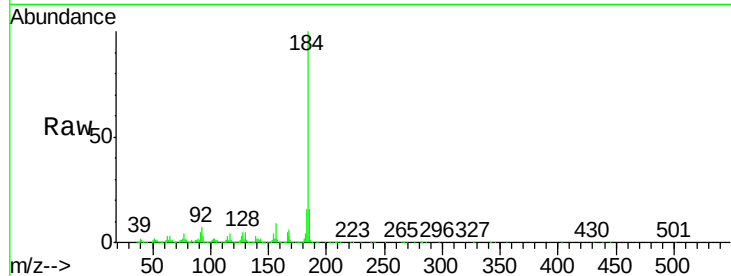
184 100

185 16.5 12.6 19.0

183 15.7 10.7 16.1

SOHIL

7/11/2016 6:47:01 AM



#77

Pyrene

Concen: 48.62 ng

RT: 19.97 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

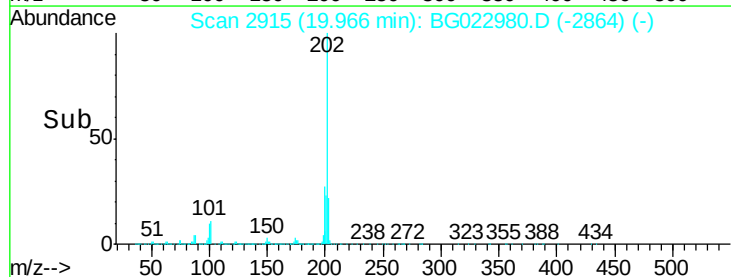
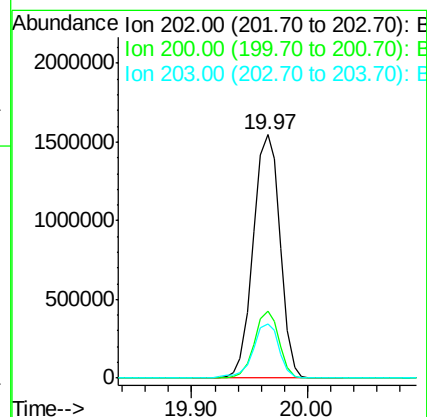
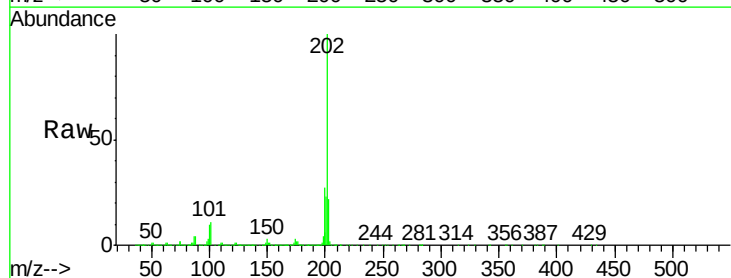
Tgt Ion:202 Resp: 2505691

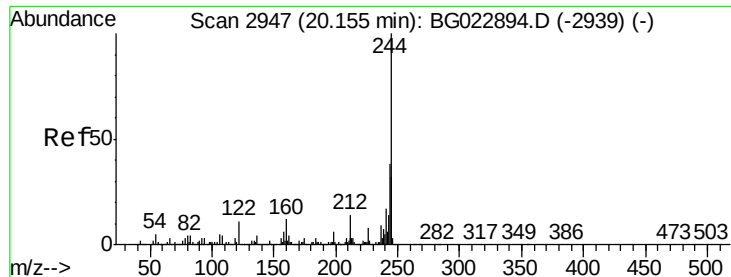
Ion Ratio Lower Upper

202 100

200 27.3 21.2 31.8

203 22.4 16.8 25.2





#78

Terphenyl-d14

Concen: 123.63 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampled :

C3-5MSD

Tgt Ion:244 Resp: 2998811

Ion Ratio Lower Upper

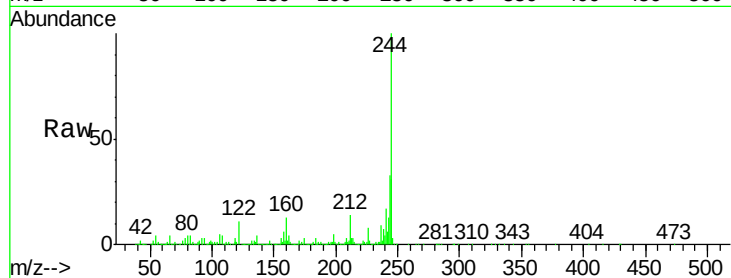
244 100

212 13.9 10.8 16.2

122 11.3 8.0 12.0

SOHIL

7/11/2016 6:47:01 AM

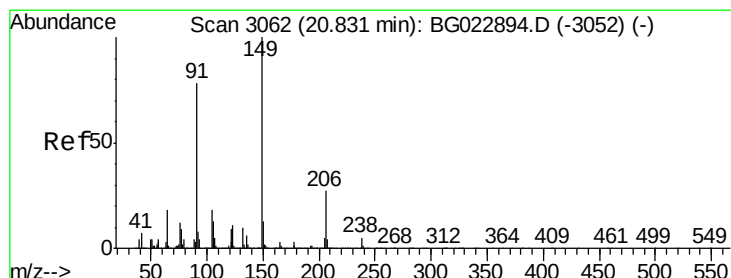
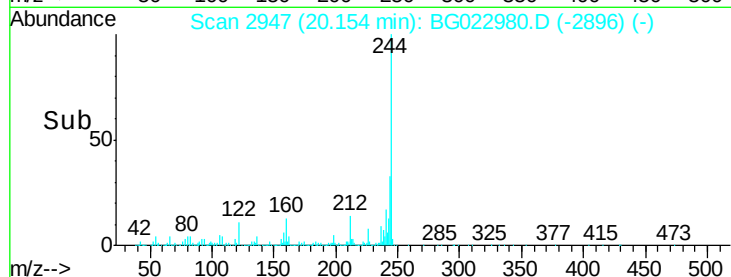
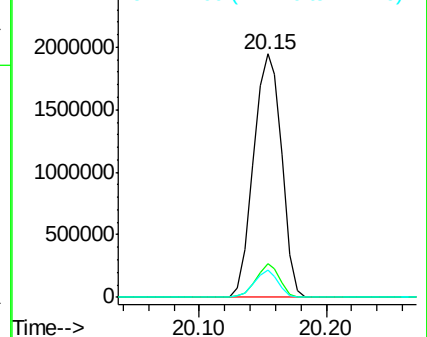


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 55.70 ng

RT: 20.84 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

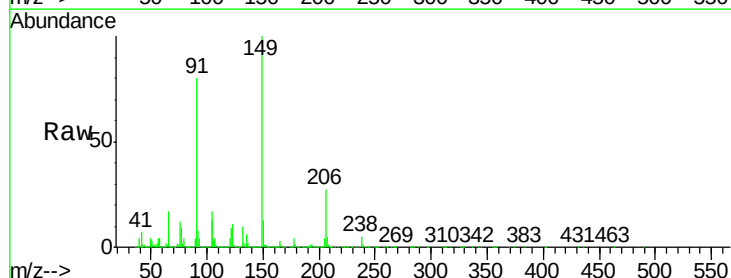
Tgt Ion:149 Resp: 1137098

Ion Ratio Lower Upper

149 100

91 79.9 68.1 102.1

206 26.6 19.8 29.6

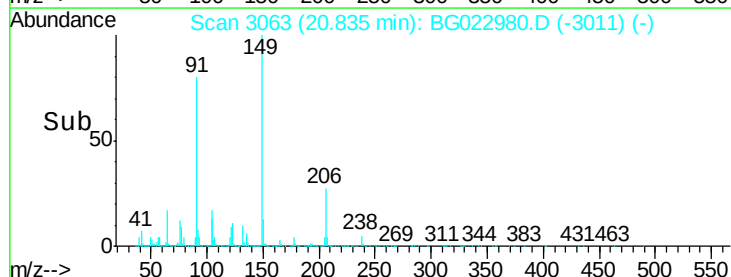
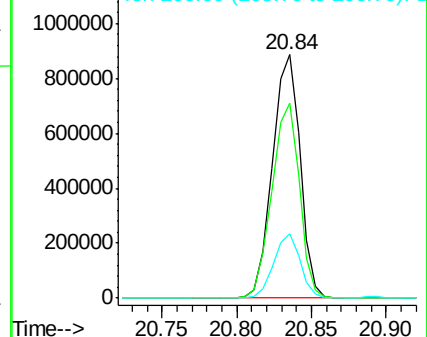


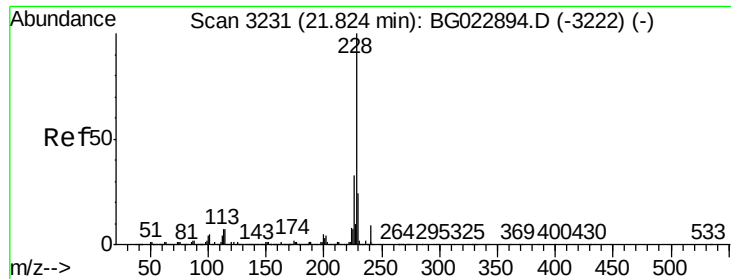
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



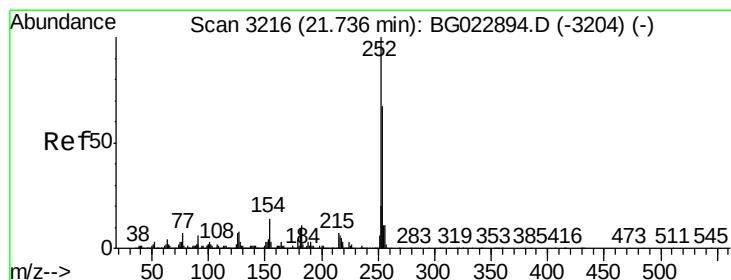
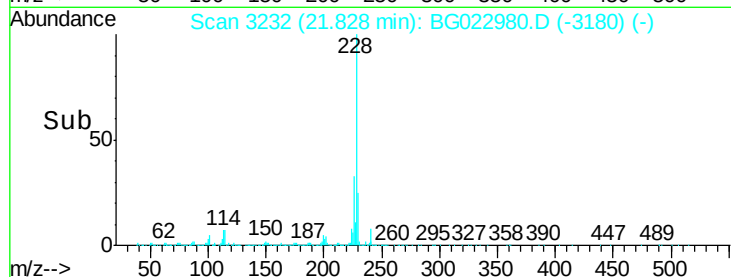
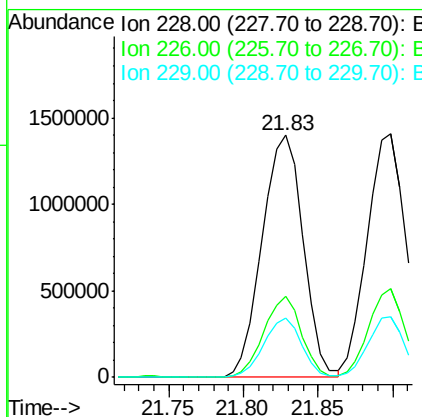
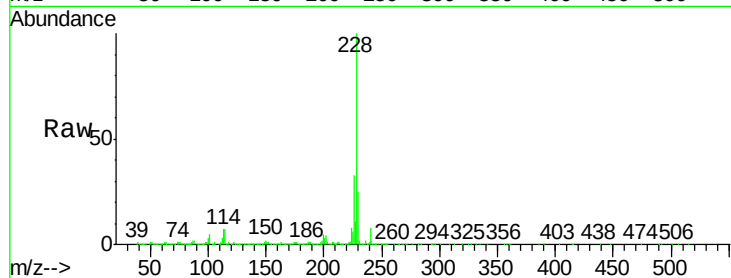


#80
Benzo(a)anthracene
Concen: 52.12 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

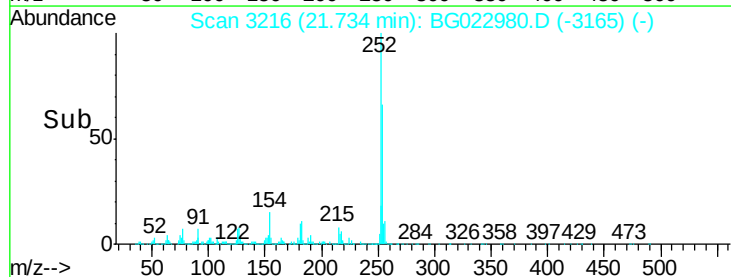
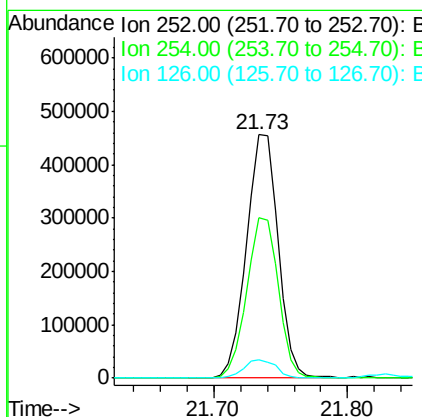
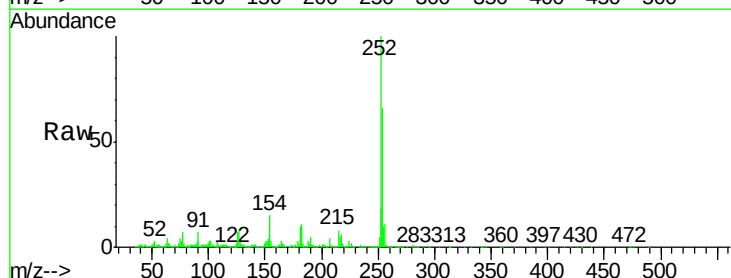
Tgt Ion:228 Resp: 2674603
Ion Ratio Lower Upper
228 100
226 33.3 25.3 37.9
229 24.7 19.9 29.9

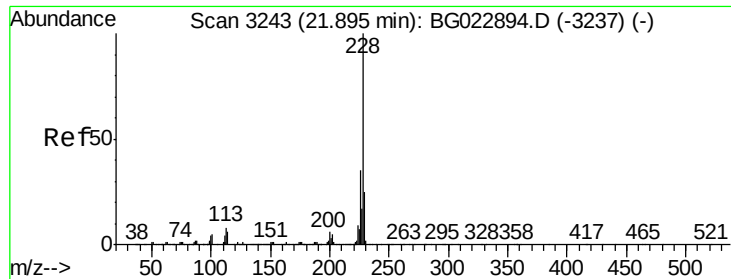
SOHIL
7/11/2016 6:47:01 AM



#81
3,3'-Dichlorobenzidine
Concen: 33.16 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.00 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion:252 Resp: 746825
Ion Ratio Lower Upper
252 100
254 65.8 51.2 76.8
126 7.5 5.3 7.9





#82

Chrysene

Concen: 51.51 ng

RT: 21.90 min Scan# 3244

Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampleId :

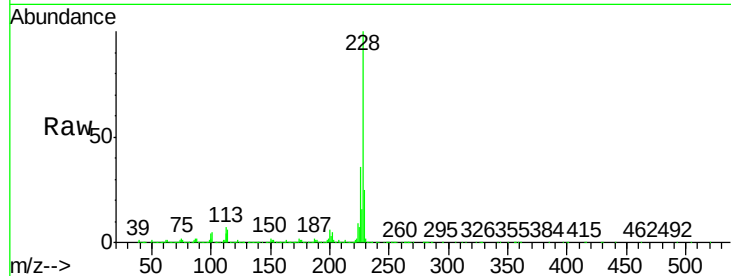
C3-5MSD

Tgt Ion:228 Resp: 2479273

Ion	Ratio	Lower	Upper
228	100		
226	36.5	26.7	40.1
229	24.7	17.4	26.2

SOHIL

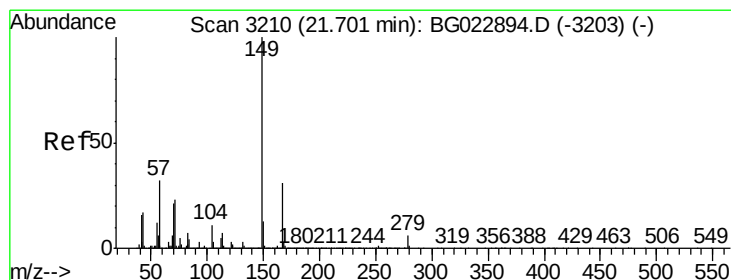
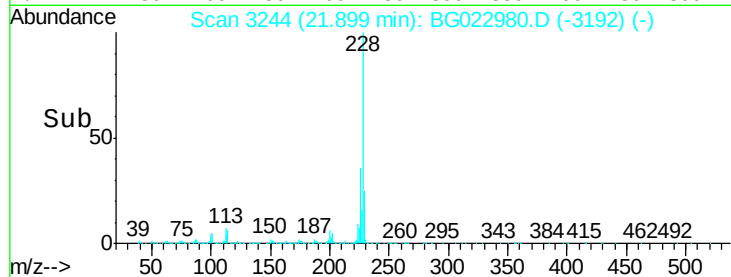
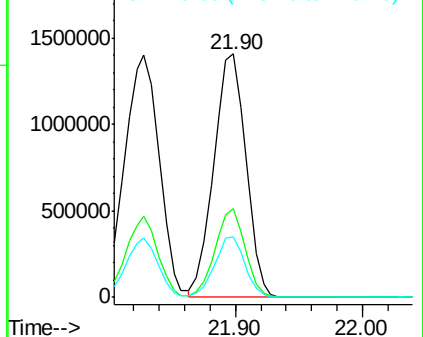
7/11/2016 6:47:01 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.59 ng

RT: 21.70 min Scan# 3211

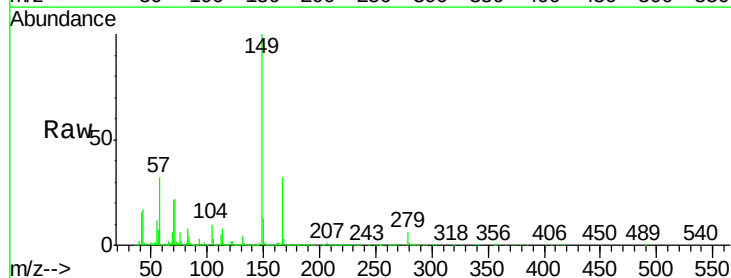
Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Tgt Ion:149 Resp: 1519103

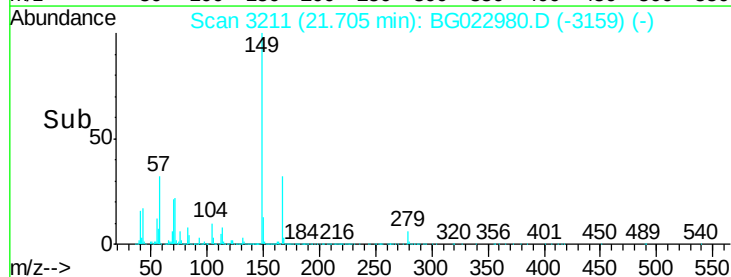
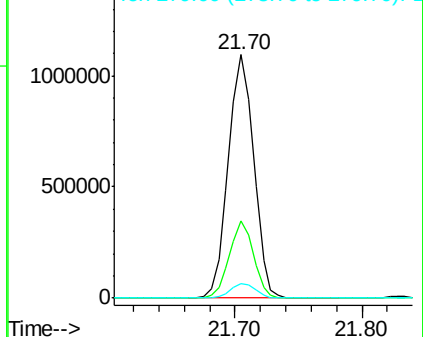
Ion	Ratio	Lower	Upper
149	100		
167	31.6	24.0	36.0
279	5.8	4.8	7.2

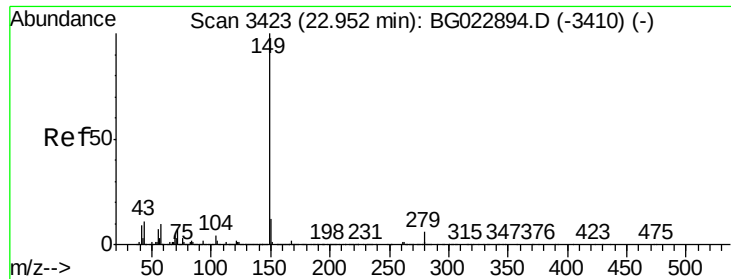


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.81 ng

RT: 22.96 min Scan# 3424

Delta R.T. 0.00 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

Instrument :

BNA_G

ClientSampleId :

C3-5MSD

Tgt Ion:149 Resp: 2496655

Ion Ratio Lower Upper

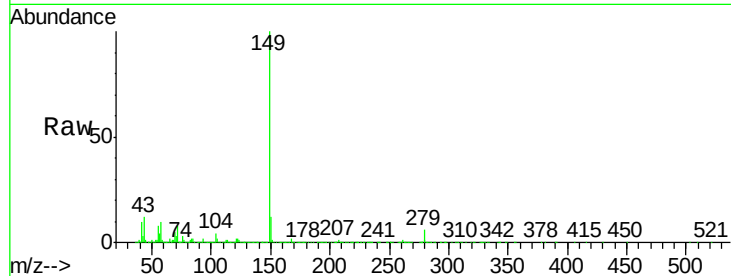
149 100

167 1.9 1.5 2.3

43 10.6 8.8 13.2

SOHIL

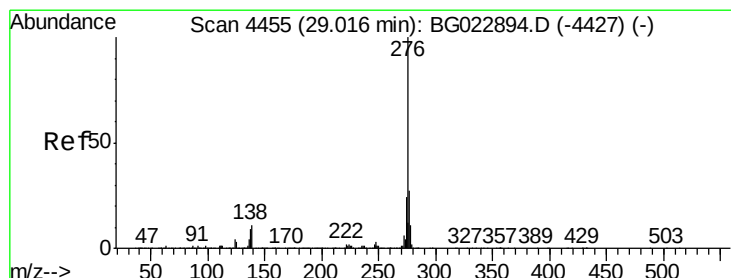
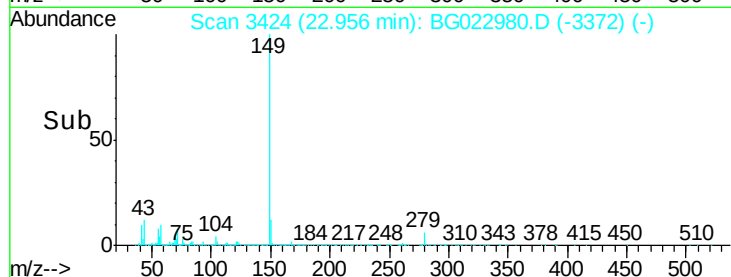
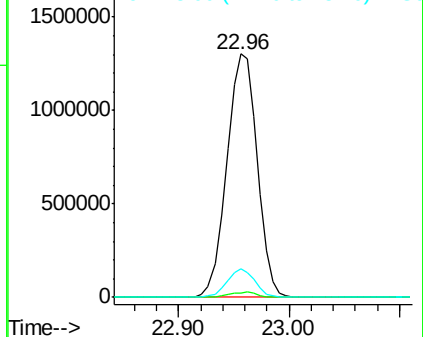
7/11/2016 6:47:01 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 52.68 ng

RT: 29.04 min Scan# 4460

Delta R.T. 0.03 min

Lab File: BG022980.D

Acq: 10 Jul 2016 00:49

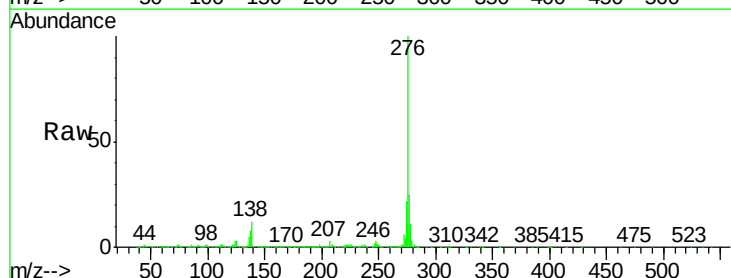
Tgt Ion:276 Resp: 3233291

Ion Ratio Lower Upper

276 100

138 8.3 0.0 0.0#

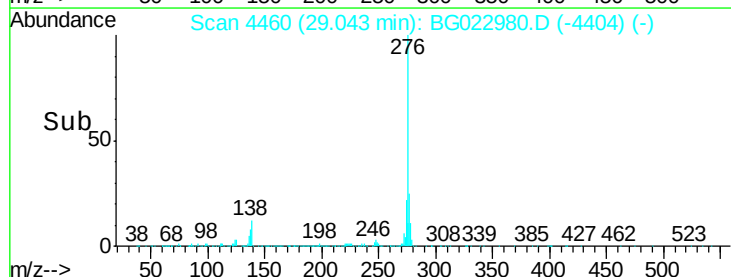
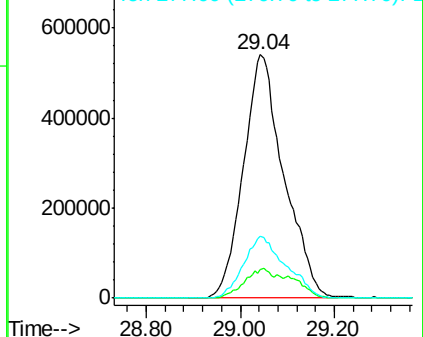
277 26.5 0.0 0.0#

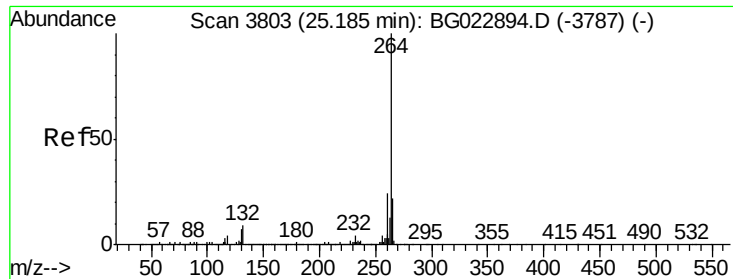


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



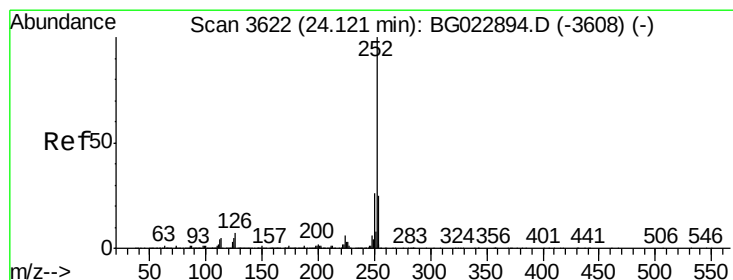
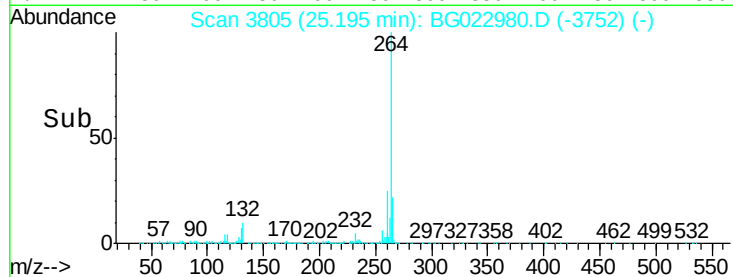
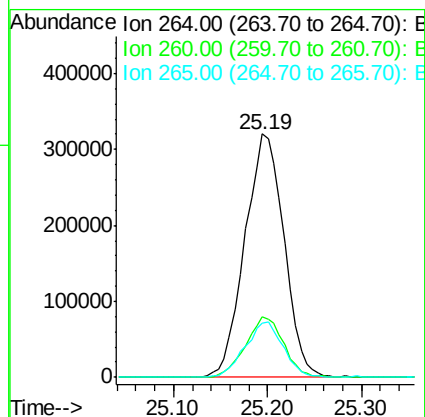
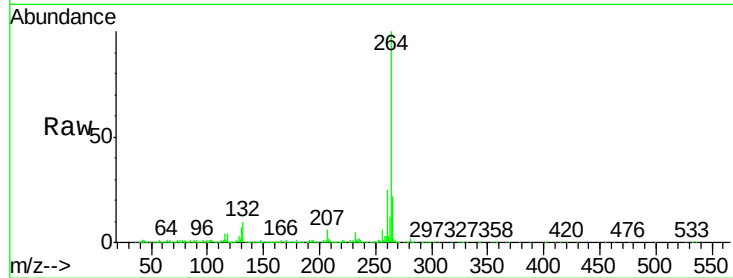


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3805
Delta R.T. 0.01 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

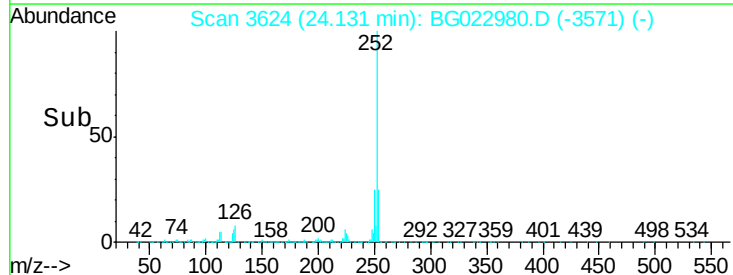
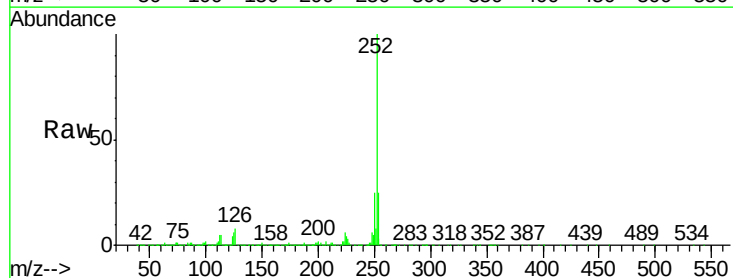
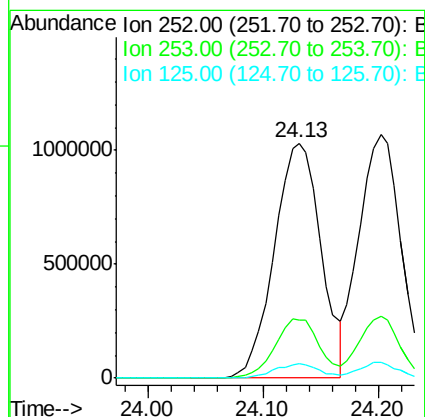
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	22.1	18.9	28.3

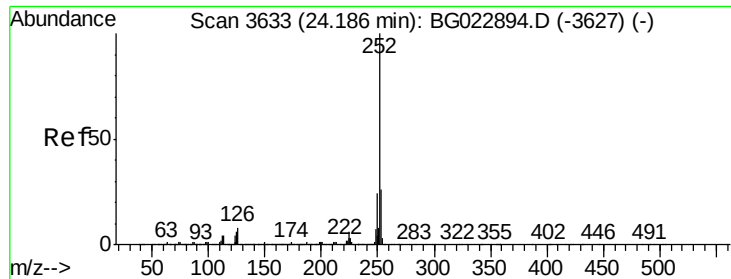
SOHIL
7/11/2016 6:47:01 AM



#87
Benzo(b)fluoranthene
Concen: 54.52 ng
RT: 24.13 min Scan# 3624
Delta R.T. 0.01 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	6.2	3.9	5.9



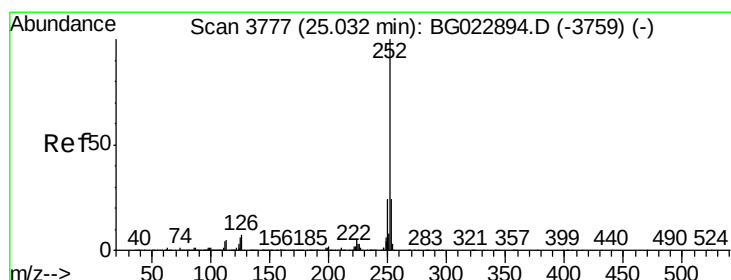
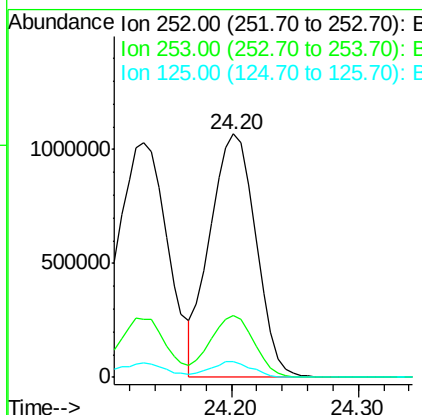
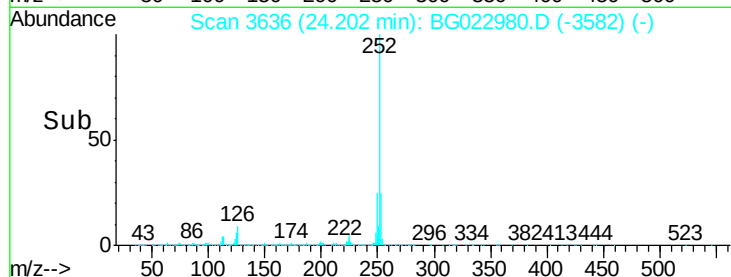
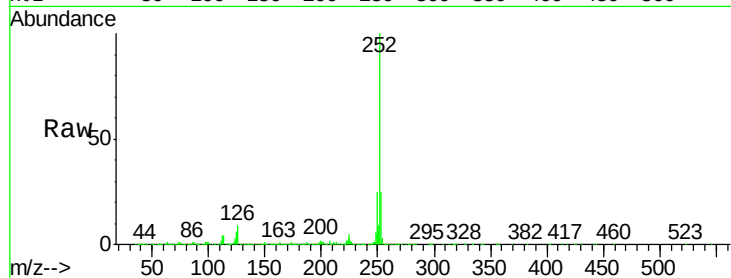


#88
Benzo(k)fluoranthene
Concen: 53.00 ng
RT: 24.20 min Scan# 3636
Delta R.T. 0.02 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

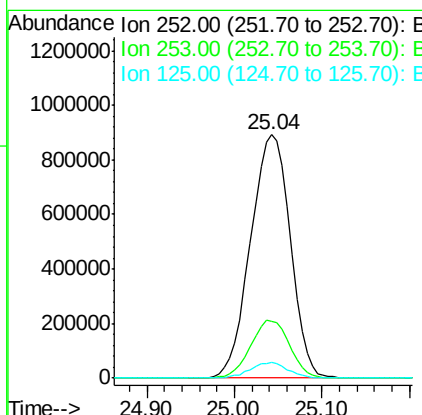
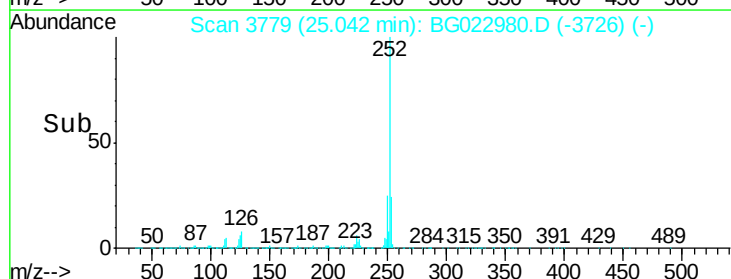
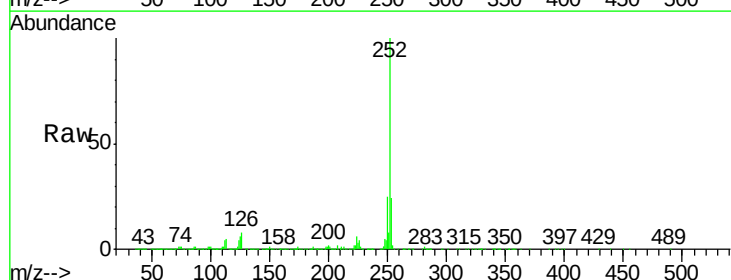
Tgt Ion:252 Resp: 2677450
Ion Ratio Lower Upper
252 100
253 25.4 18.8 28.2
125 6.2 3.2 4.8#

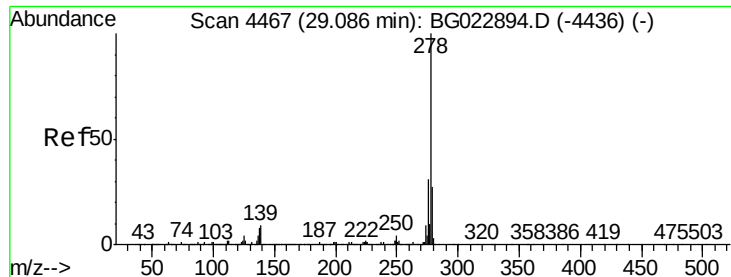
SOHIL
7/11/2016 6:47:01 AM



#89
Benzo(a)pyrene
Concen: 54.45 ng
RT: 25.04 min Scan# 3779
Delta R.T. 0.01 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion:252 Resp: 2778612
Ion Ratio Lower Upper
252 100
253 23.6 18.7 28.1
125 6.3 3.9 5.9#



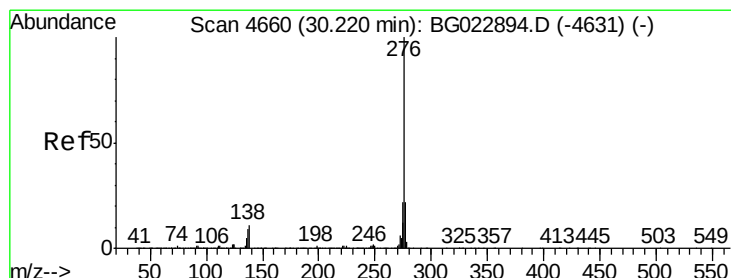
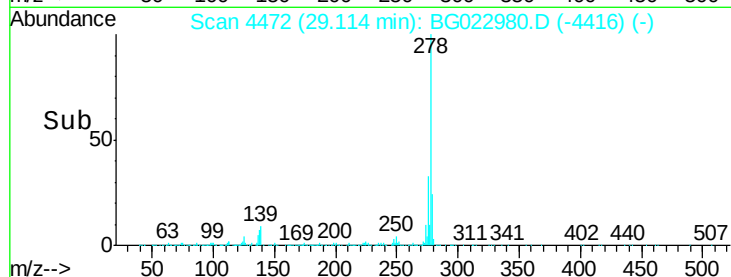
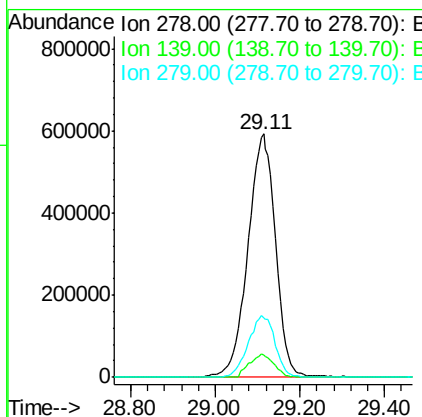
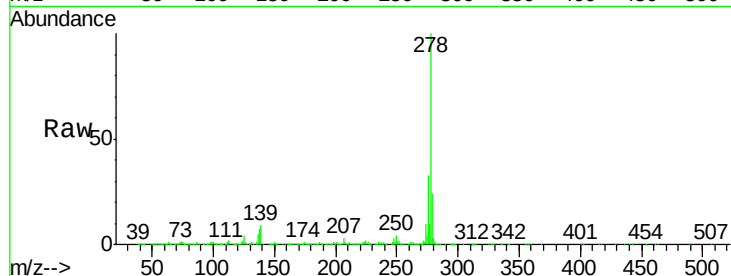


#90
Dibenzo(a,h)anthracene
Concen: 53.46 ng
RT: 29.11 min Scan# 4472
Delta R.T. 0.03 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Instrument :
BNA_G
ClientSampleId :
C3-5MSD

Tgt Ion:278 Resp: 2707658
Ion Ratio Lower Upper
278 100
139 9.3 4.7 7.1#
279 24.4 18.3 27.5

SOHIL
7/11/2016 6:47:01 AM



#91
Benzo(g,h,i)perylene
Concen: 53.19 ng
RT: 30.25 min Scan# 4666
Delta R.T. 0.03 min
Lab File: BG022980.D
Acq: 10 Jul 2016 00:49

Tgt Ion:276 Resp: 2697600
Ion Ratio Lower Upper
276 100
277 25.1 18.6 27.8
138 12.7 6.8 10.2#

