

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
 Data File : BG023394.D
 Acq On : 2 Aug 2016 9:54
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 02 12:35:00 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	148591	20.00	ng	0.02
21) Naphthalene-d8	10.97	136	739376	20.00	ng	0.01
38) Acenaphthene-d10	14.80	164	541330	20.00	ng	0.01
63) Phenanthrene-d10	17.55	188	1324208	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1120776	20.00	ng	0.00
86) Perylene-d12	25.26	264	1173886	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	691019	78.28	ng	0.02
7) Phenol-d6	7.30	99	1144684	83.25	ng	0.02
23) Nitrobenzene-d5	9.32	82	1120475	75.34	ng	0.02
41) 2,4,6-Tribromophenol	16.30	330	651371	82.27	ng	0.01
44) 2-Fluorobiphenyl	13.41	172	2301030	71.70	ng	0.01
78) Terphenyl-d14	20.16	244	2953600	81.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	131597	34.99	ng	# 92
3) Pyridine	3.94	79	453944	36.73	ng	92
4) n-Nitrosodimethylamine	3.85	42	176371	38.49	ng	# 73
6) Aniline	7.45	93	715820	36.03	ng	95
8) 2-Chlorophenol	7.70	128	398391	39.28	ng	96
9) Benzaldehyde	7.27	77	342118	45.26	ng	92
10) Phenol	7.33	94	573503	38.99	ng	81
11) bis(2-Chloroethyl)ether	7.55	93	455411	38.82	ng	90
12) 1,3-Dichlorobenzene	8.02	146	429104	36.96	ng	93
13) 1,4-Dichlorobenzene	8.18	146	438847	36.92	ng	93
14) 1,2-Dichlorobenzene	8.49	146	420979	36.11	ng	92
15) Benzyl Alcohol	8.38	79	437254	41.97	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.66	45	671977	38.94	ng	88
17) 2-Methylphenol	8.59	107	402973	40.87	ng	# 83
18) Hexachloroethane	9.23	117	167765	37.50	ng	94
19) n-Nitroso-di-n-propylamine	8.95	70	461399	39.01	ng	95
20) 3+4-Methylphenols	8.92	107	579997	41.72	ng	92
22) Acetophenone	8.97	105	757590	37.42	ng	# 90
24) Nitrobenzene	9.36	77	658682	40.00	ng	# 89
25) Isophorone	9.88	82	1237087	39.93	ng	# 94
26) 2-Nitrophenol	10.07	139	281993	40.57	ng	# 75
27) 2,4-Dimethylphenol	10.13	122	465045	39.29	ng	87
28) bis(2-Chloroethoxy)methane	10.36	93	662963	35.60	ng	99
29) 2,4-Dichlorophenol	10.62	162	471453	39.62	ng	99
30) 1,2,4-Trichlorobenzene	10.83	180	485069	37.79	ng	97
31) Naphthalene	11.02	128	1389491	36.90	ng	97
32) Benzoic acid	10.29	122	401352	38.33	ng	# 88
33) 4-Chloroaniline	11.13	127	637903	35.44	ng	94
34) Hexachlorobutadiene	11.30	225	316995	37.56	ng	97
35) Caprolactam	11.91	113	202058	40.36	ng	95
36) 4-Chloro-3-methylphenol	12.25	107	624721	39.96	ng	94
37) 2-Methylnaphthalene	12.62	142	1070417m	37.39	ng	
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	719379	36.65	ng	98
40) Hexachlorocyclopentadiene	12.96	237	351512	35.51	ng	98

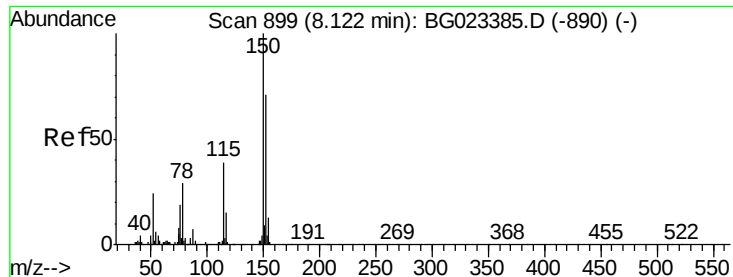
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
 Data File : BG023394.D
 Acq On : 2 Aug 2016 9:54
 Operator : UM/SJ
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Quant Time: Aug 02 12:35:00 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	445463	38.09	nq	97
43) 2,4,5-Trichlorophenol	13.31	196	472063	39.21	nq	92
45) 1,1'-Biphenyl	13.62	154	1515347	36.62	nq	92
46) 2-Chloronaphthalene	13.68	162	1168985	36.52	nq	98
47) 2-Nitroaniline	13.88	65	488508	36.75	nq	# 86
48) Acenaphthylene	14.52	152	1884997	37.25	nq	97
49) Dimethylphthalate	14.25	163	1629918	39.24	nq	97
50) 2,6-Dinitrotoluene	14.38	165	381360	38.77	nq	# 81
51) Acenaphthene	14.86	154	1366484m	42.63	nq	
52) 3-Nitroaniline	14.71	138	405016	36.52	nq	# 77
53) 2,4-Dinitrophenol	14.92	184	242128	38.40	nq	89
54) Dibenzofuran	15.19	168	1742727	37.44	nq	95
55) 4-Nitrophenol	15.02	139	332061	38.12	nq	# 80
56) 2,4-Dinitrotoluene	15.16	165	549900	39.84	nq	94
57) Fluorene	15.85	166	1550478	38.17	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	435771	39.45	nq	97
59) Diethylphthalate	15.60	149	1695223	40.21	nq	96
60) 4-Chlorophenyl-phenylether	15.83	204	822158	38.25	nq	98
61) 4-Nitroaniline	15.88	138	442594	37.48	nq	# 64
62) Azobenzene	16.13	77	1643909	38.47	nq	89
64) 4,6-Dinitro-2-methylphenol	15.93	198	361747	40.18	nq	97
65) n-Nitrosodiphenylamine	16.06	169	1414683	36.42	nq	92
66) 4-Bromophenyl-phenylether	16.73	248	594231	38.50	nq	95
67) Hexachlorobenzene	16.85	284	641020	37.96	nq	97
68) Atrazine	17.00	200	593319	39.78	nq	93
69) Pentachlorophenol	17.21	266	396126	40.24	nq	99
70) Phenanthrene	17.60	178	2414879	35.94	nq	93
71) Anthracene	17.69	178	2505077	37.07	nq	93
72) Carbazole	17.96	167	2264532	38.16	nq	96
73) Di-n-butylphthalate	18.50	149	2654027	43.91	nq	97
74) Fluoranthene	19.61	202	2706124	42.32	nq	91
76) Benzidine	19.79	184	1389786	44.61	nq	99
77) Pyrene	19.97	202	2661708	41.19	nq	94
79) Butylbenzylphthalate	20.85	149	1098904	40.72	nq	95
80) Benzo(a)anthracene	21.85	228	2335710	37.75	nq	98
81) 3,3'-Dichlorobenzidine	21.76	252	1005837	39.64	nq	# 93
82) Chrysene	21.92	228	2205935	37.48	nq	96
83) Bis(2-ethylhexyl)phthalate	21.73	149	1455265	39.38	nq	98
84) Di-n-octyl phthalate	23.00	149	2450364	38.85	nq	99
85) Indeno(1,2,3-cd)pyrene	29.14	276	2991399	40.67	nq	# 100
87) Benzo(b)fluoranthene	24.18	252	2501015	37.87	nq	# 96
88) Benzo(k)fluoranthene	24.25	252	2359340	37.19	nq	# 97
89) Benzo(a)pyrene	25.10	252	2415999	38.46	nq	# 95
90) Dibenzo(a,h)anthracene	29.20	278	2459479	38.33	nq	# 92
91) Benzo(g,h,i)perylene	30.35	276	2469245	38.21	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 903

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

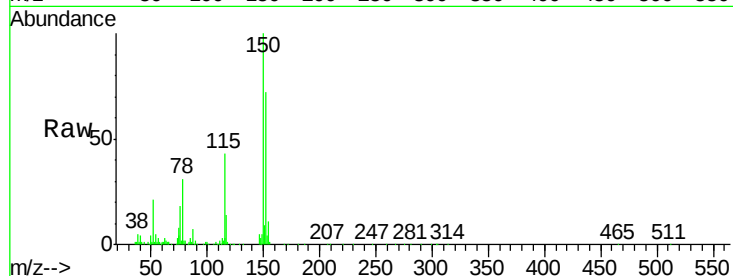
Tot Ion:152 Resp: 148591

Ion Ratio Lower Upper

152 100

150 139.5 144.7 217.1#

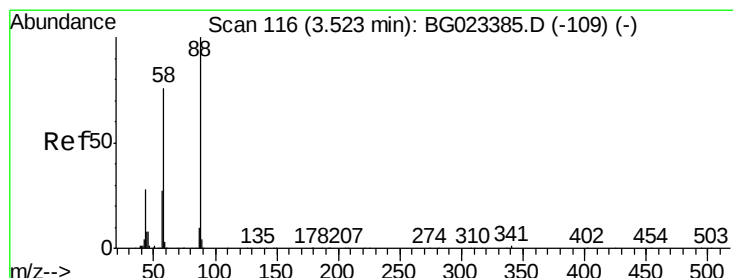
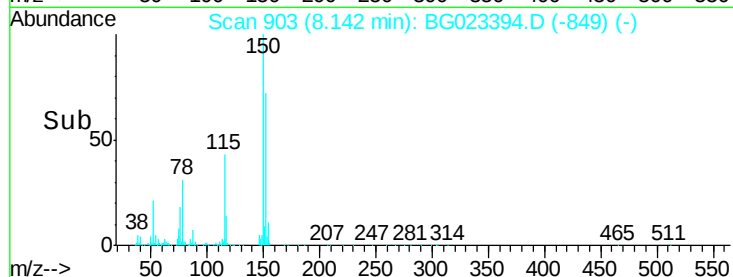
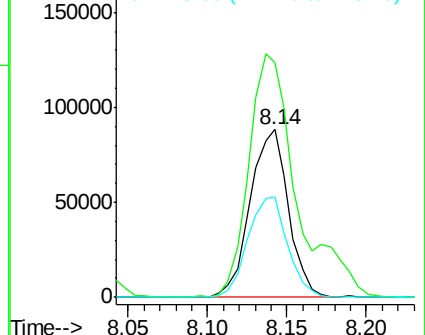
115 59.9 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.99 ng

RT: 3.53 min Scan# 118

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

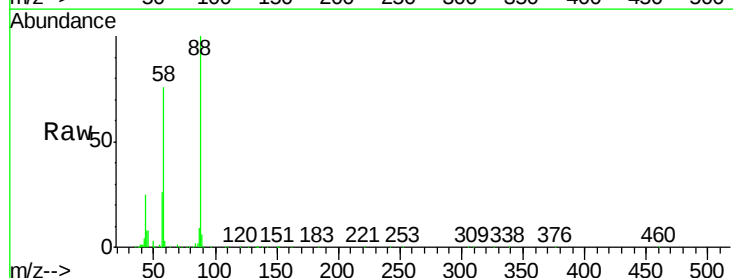
Tgt Ion: 88 Resp: 131597

Ion Ratio Lower Upper

88 100

58 79.0 60.4 90.6

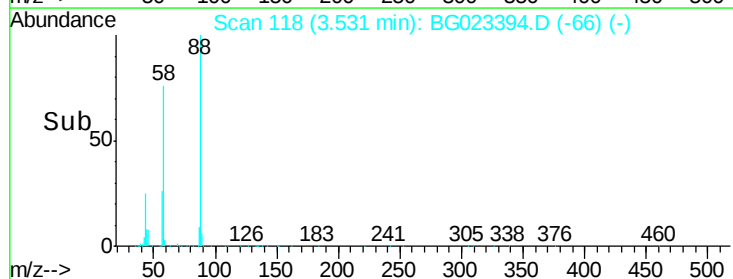
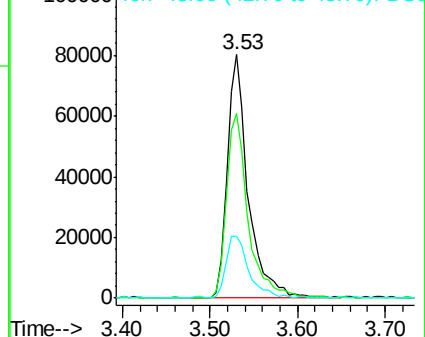
43 28.7 31.1 46.7#

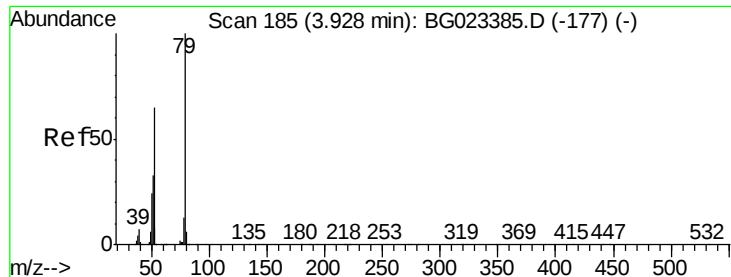


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.73 ng

RT: 3.94 min Scan# 187

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

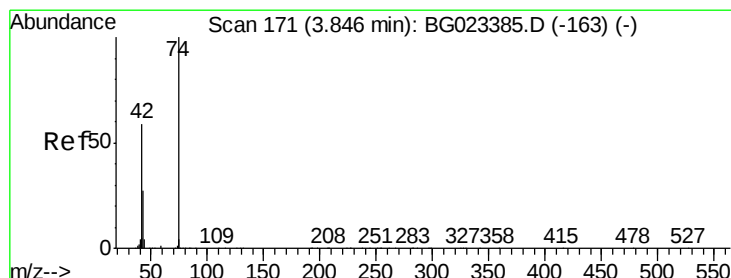
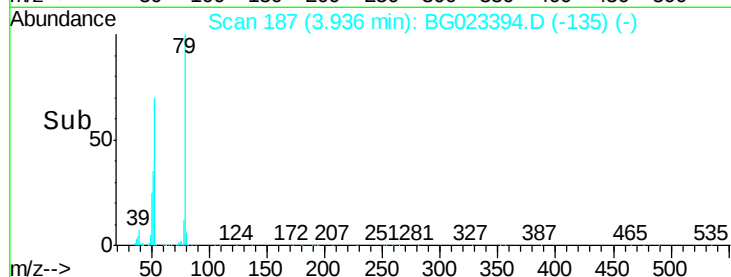
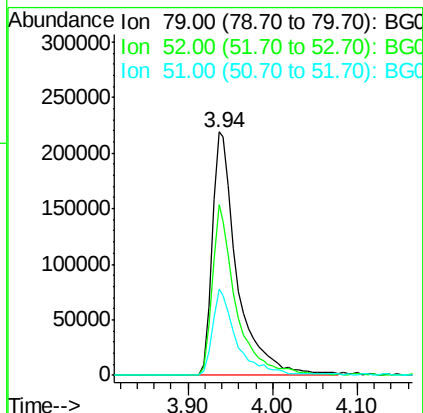
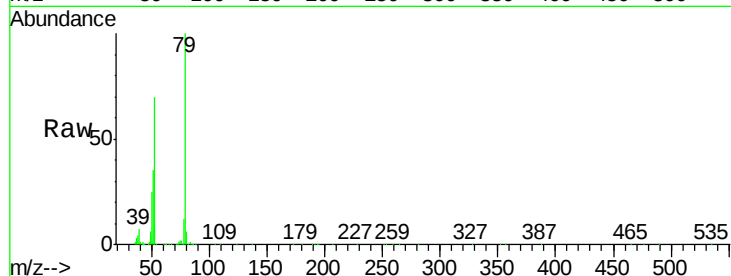
Tot Ion: 79 Resp: 453944

Ion Ratio Lower Upper

79 100

52 70.2 51.8 77.8

51 35.3 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 38.49 ng

RT: 3.85 min Scan# 173

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

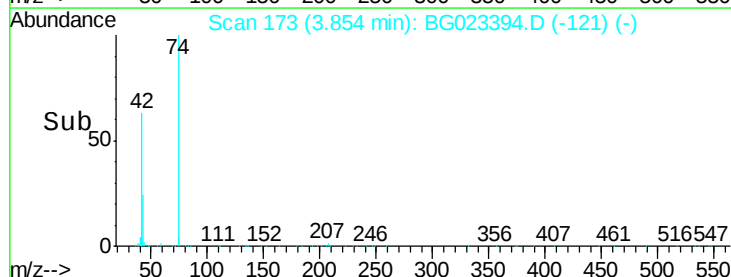
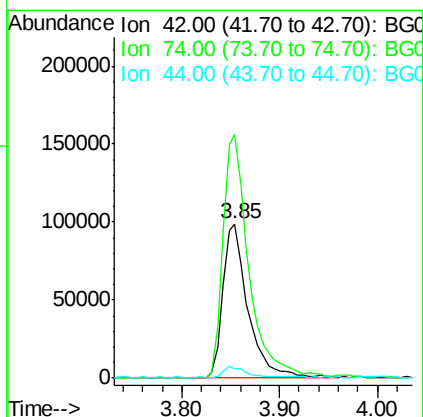
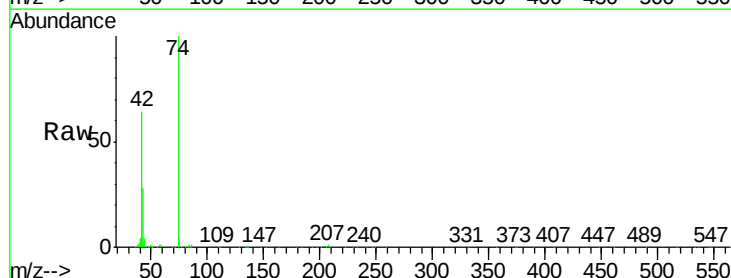
Tgt Ion: 42 Resp: 176371

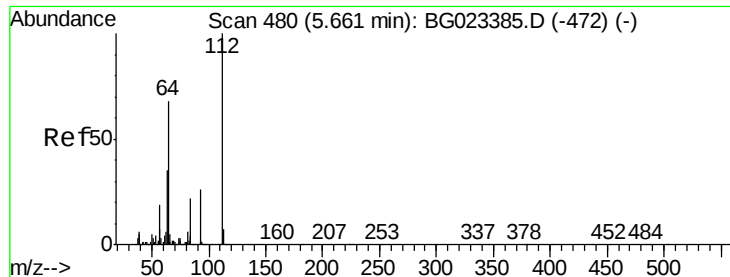
Ion Ratio Lower Upper

42 100

74 157.4 100.6 150.8#

44 6.0 4.5 6.7





#5

2-Fluorophenol

Concen: 78.28 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

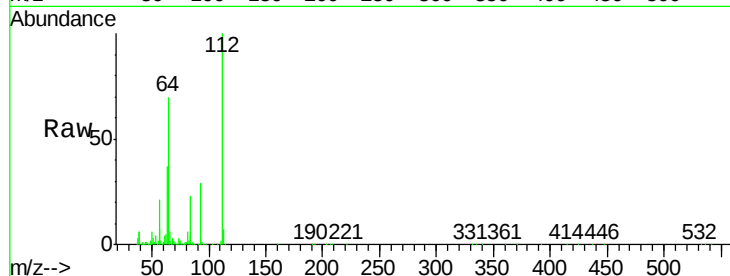
Tot Ion:112 Resp: 691019

Ion Ratio Lower Upper

112 100

64 70.1 59.0 88.4

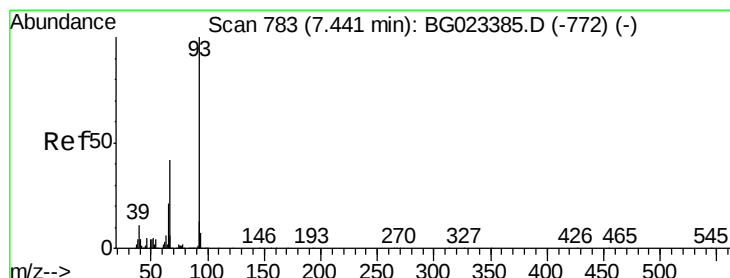
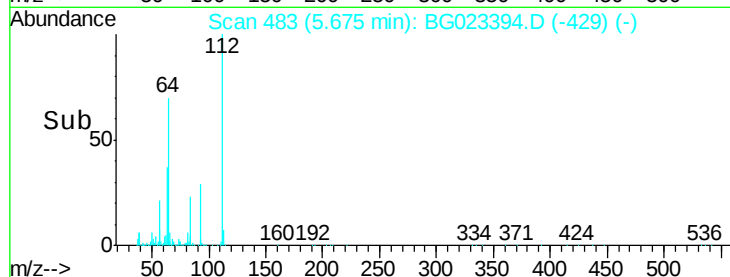
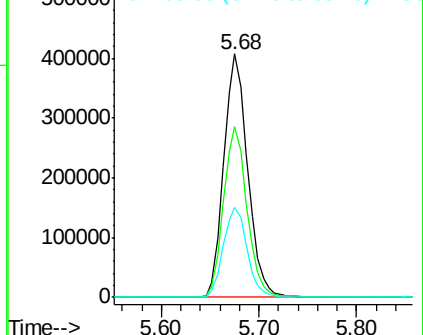
63 37.0 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.03 ng

RT: 7.45 min Scan# 786

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

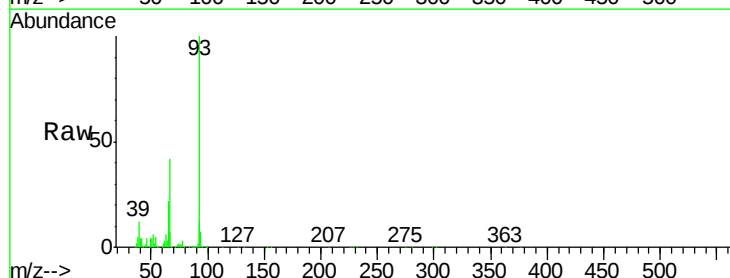
Tgt Ion: 93 Resp: 715820

Ion Ratio Lower Upper

93 100

66 42.3 37.5 56.3

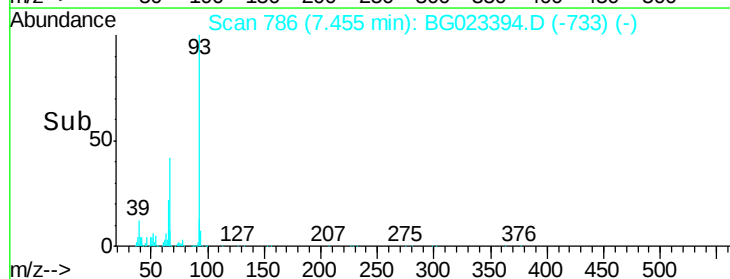
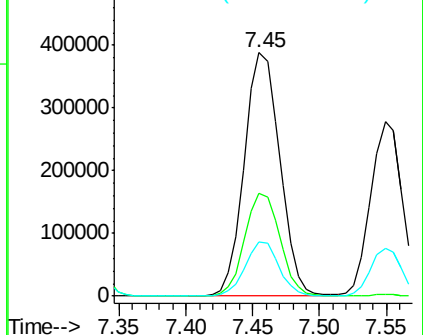
65 22.4 17.9 26.9

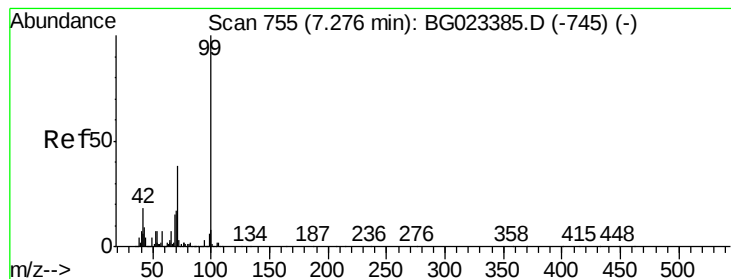


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.25 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

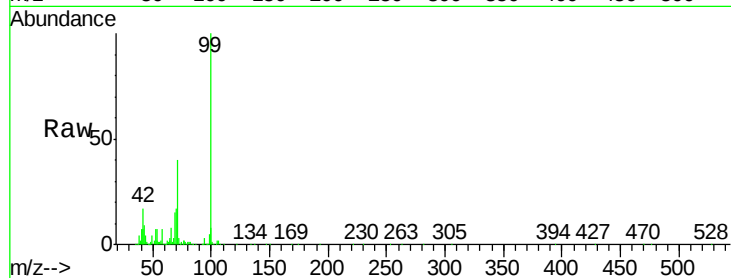
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1144684

Ion	Ratio	Lower	Upper
99	100		
42	17.1	17.8	26.6#
71	39.7	41.5	62.3#

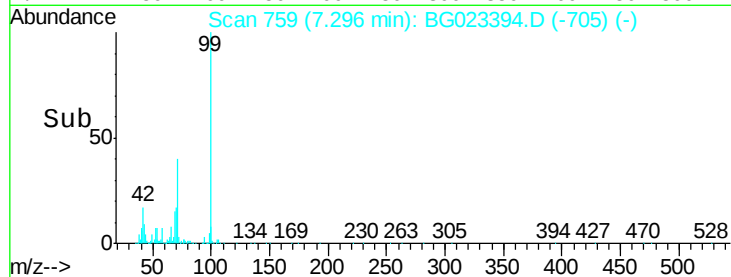


Abundance

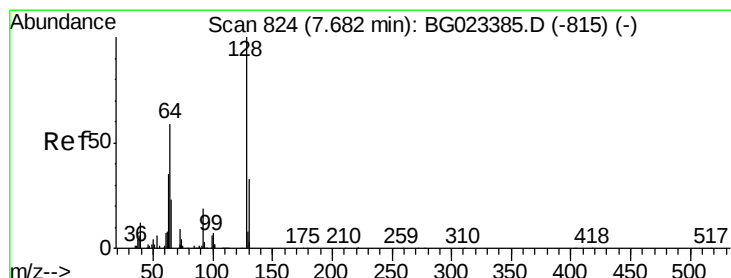
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 39.28 ng

RT: 7.70 min Scan# 828

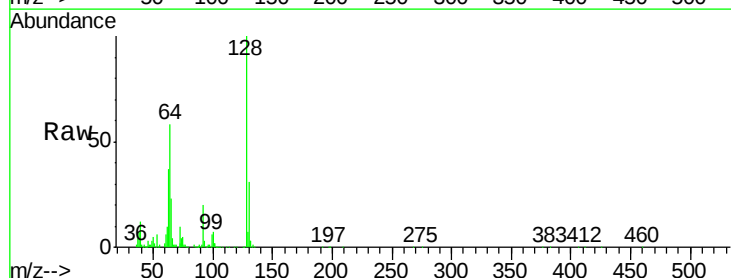
Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Tgt Ion:128 Resp: 398391

Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.9	52.9
64	58.0	42.0	82.0

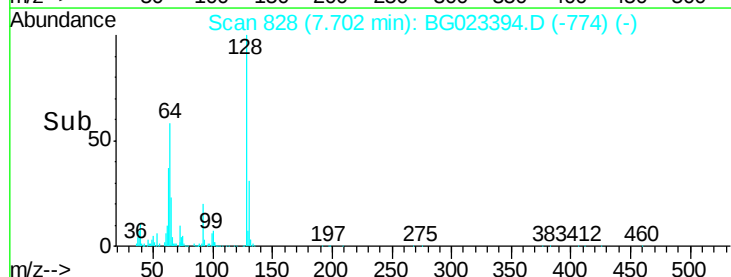


Abundance

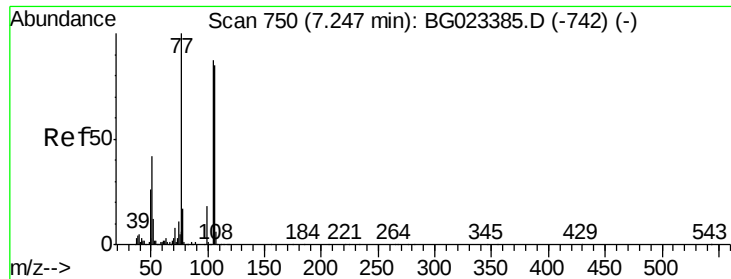
Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->



#9

Benzaldehyde

Concen: 45.26 ng

RT: 7.27 min Scan# 754

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

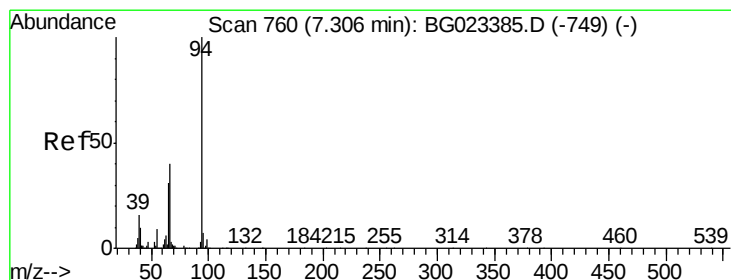
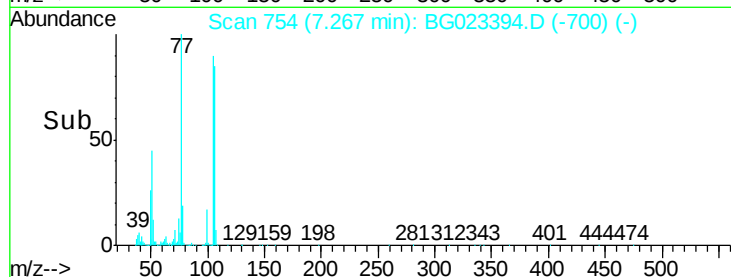
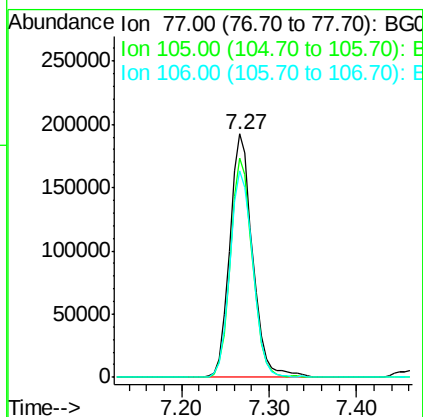
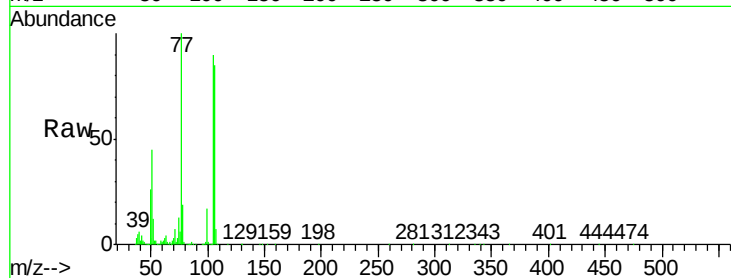
Tot Ion: 77 Resp: 342118

Ion Ratio Lower Upper

77 100

105 90.1 58.7 98.7

106 85.0 67.5 107.5



#10

Phenol

Concen: 38.99 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

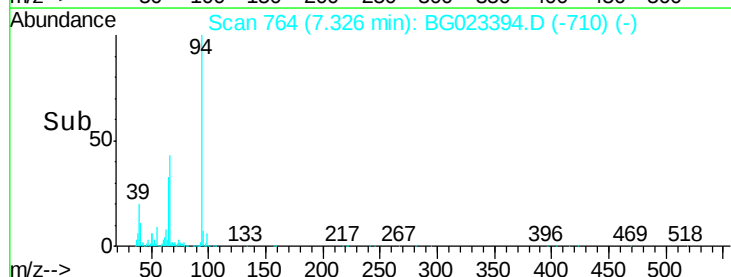
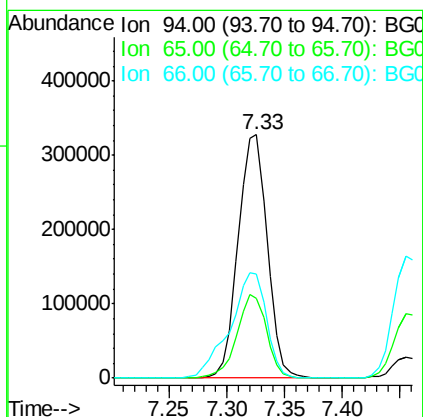
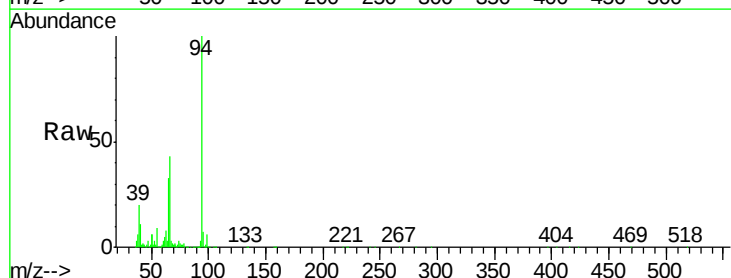
Tgt Ion: 94 Resp: 573503

Ion Ratio Lower Upper

94 100

65 32.7 18.1 58.1

66 42.7 42.1 82.1

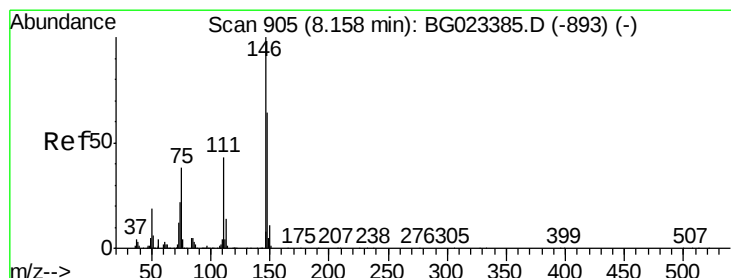
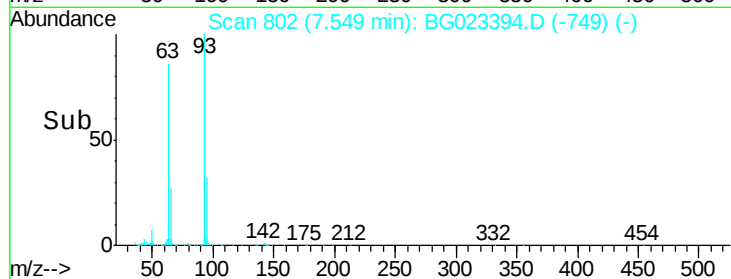
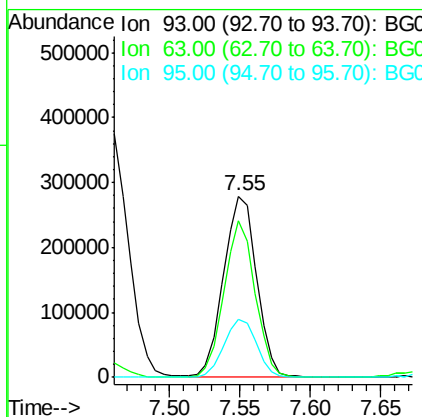
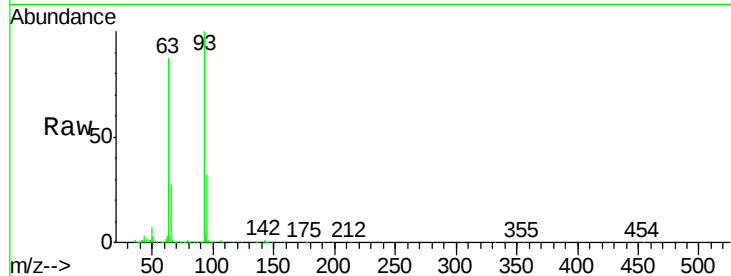




#11
bis(2-Chloroethyl)ether
Concen: 38.82 ng
RT: 7.55 min Scan# 802
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

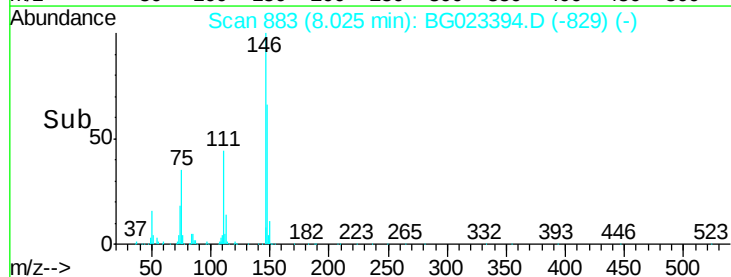
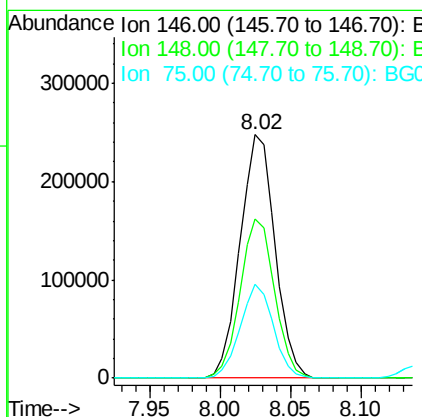
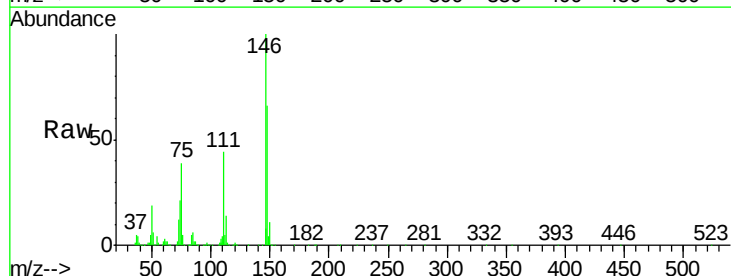
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

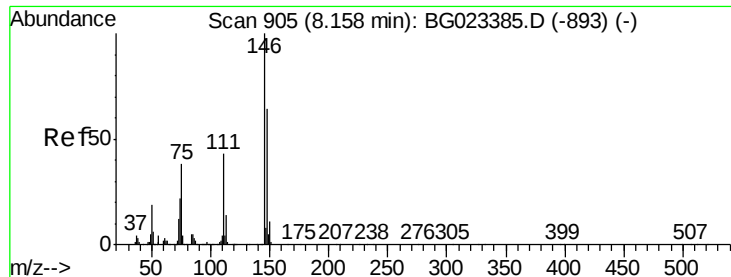
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.5	55.0	95.0
95	32.2	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 36.96 ng
RT: 8.02 min Scan# 883
Delta R.T. 0.02 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.3	75.5
75	38.6	37.0	55.6

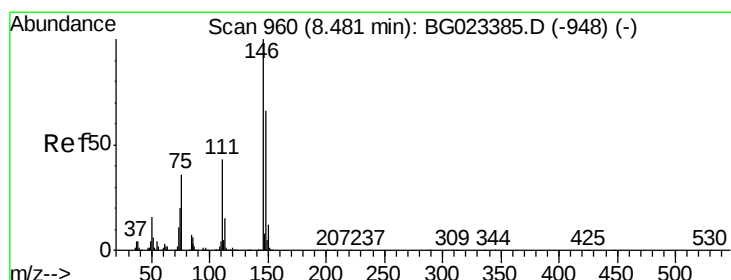
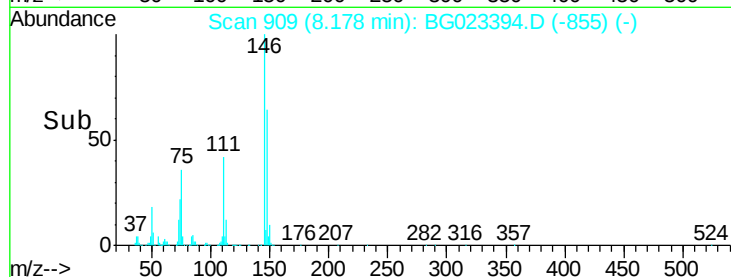
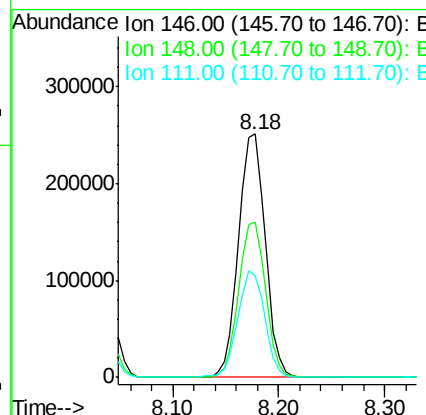
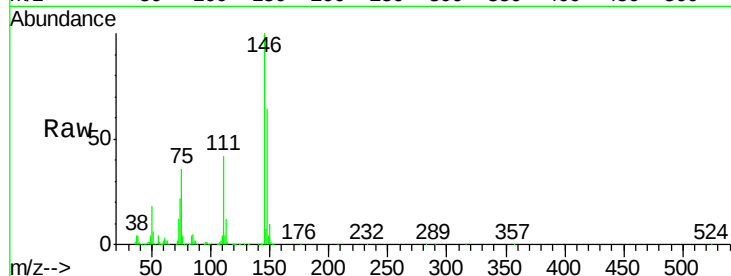




#13
 1,4-Dichlorobenzene
 Concen: 36.92 ng
 RT: 8.18 min Scan# 909
 Delta R.T. 0.02 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

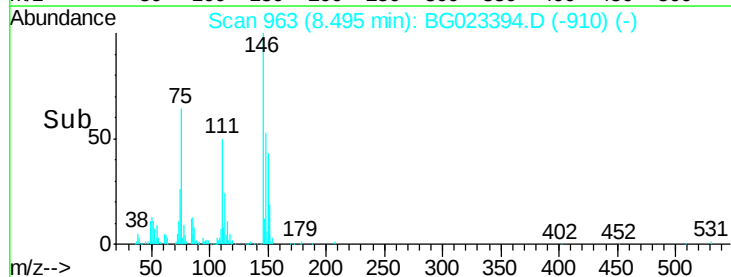
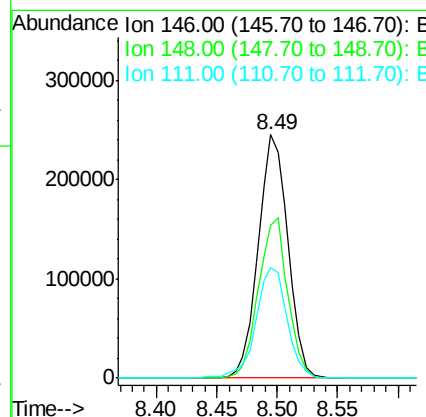
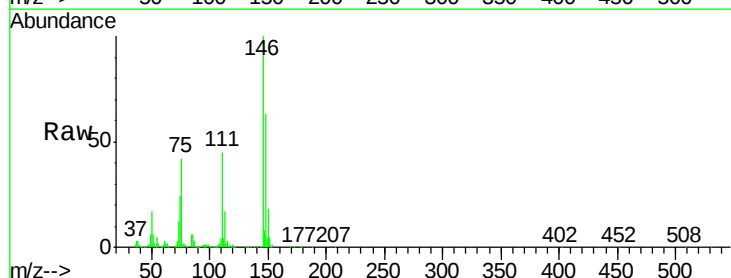
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

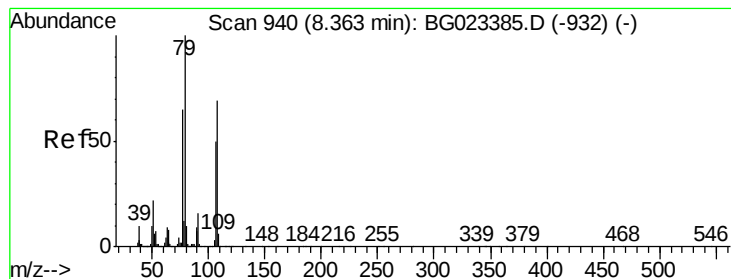
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.5	81.7
111	41.6	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 36.11 ng
 RT: 8.49 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.9	79.3
111	45.3	43.5	65.3





#15

Benzyl Alcohol

Concen: 41.97 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

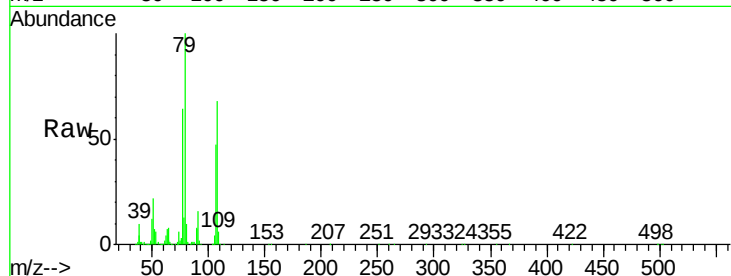
Tot Ion: 79 Resp: 437254

Ion Ratio Lower Upper

79 100

108 68.1 46.5 69.7

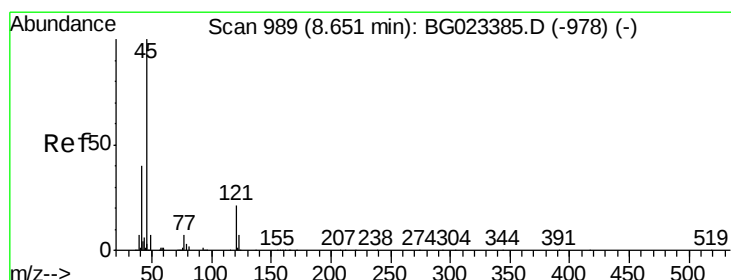
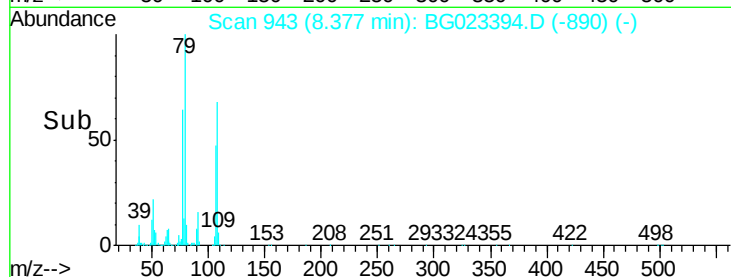
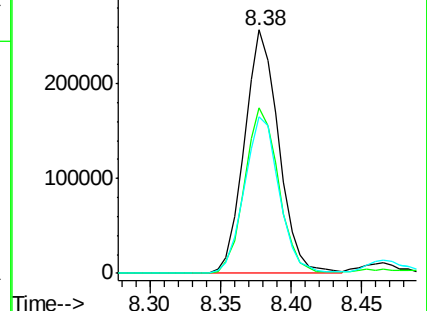
77 64.4 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.94 ng

RT: 8.66 min Scan# 991

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

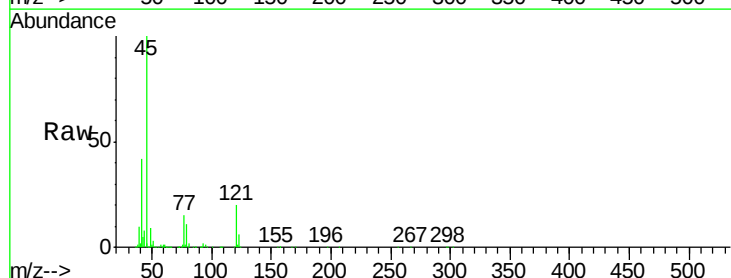
Tgt Ion: 45 Resp: 671977

Ion Ratio Lower Upper

45 100

77 15.1 0.6 40.6

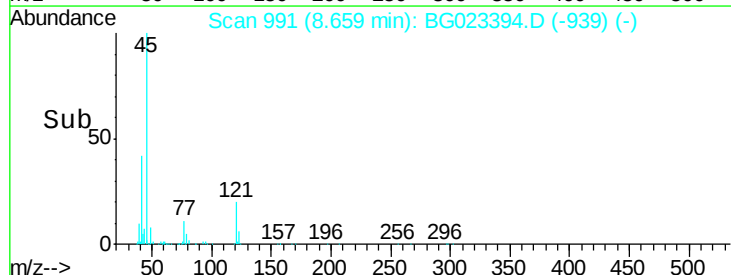
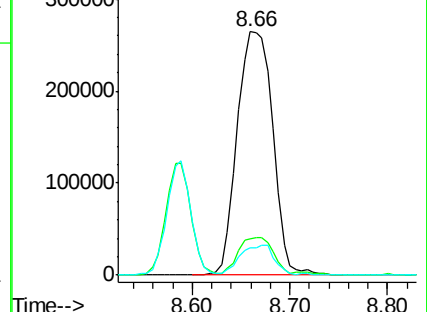
79 11.2 0.0 36.2

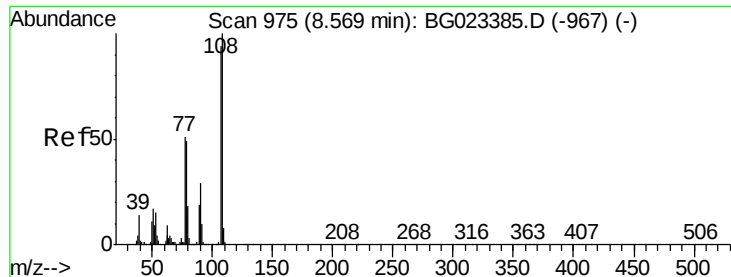


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.87 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

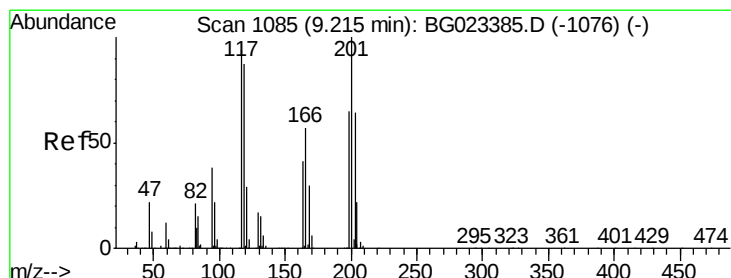
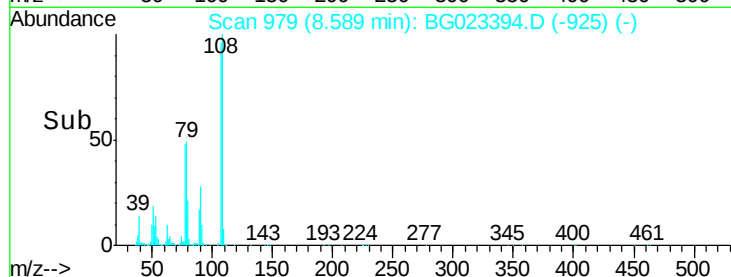
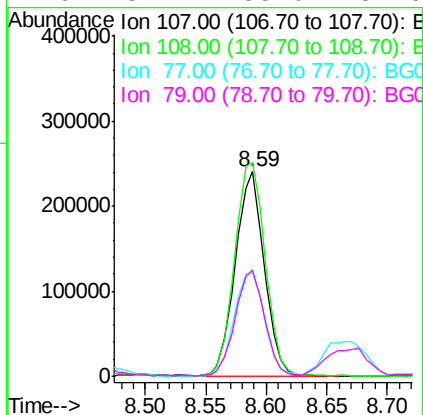
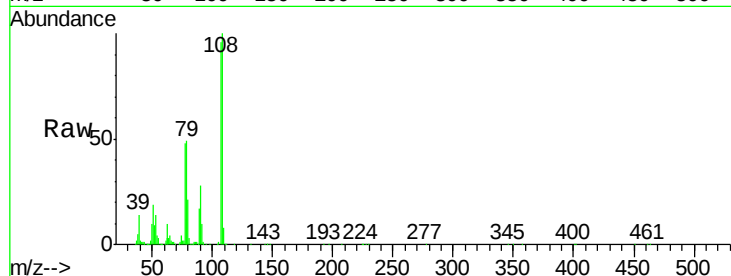
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	402973
Ion	Ratio	Lower	Upper
107	100		
108	104.4	92.0	138.0
77	50.5	55.8	83.6#
79	51.7	55.0	82.6#



#18

Hexachloroethane

Concen: 37.50 ng

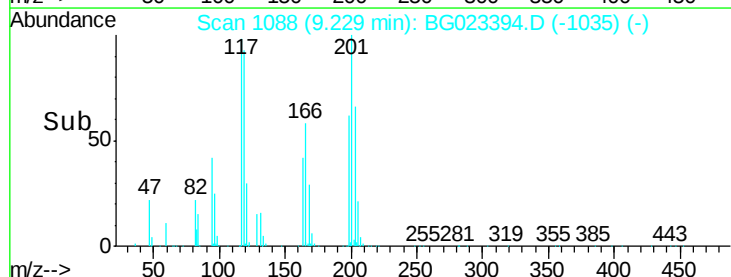
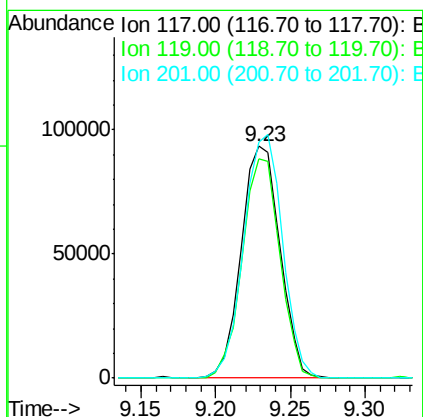
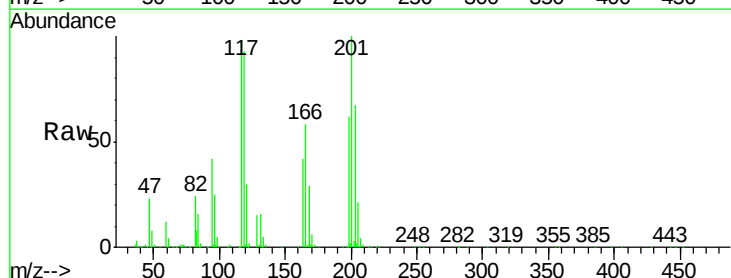
RT: 9.23 min Scan# 1088

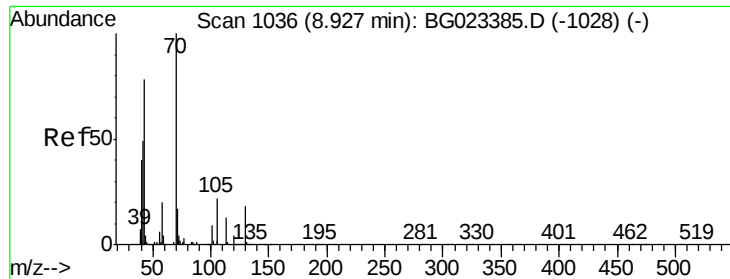
Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Tgt Ion:	117	Resp:	167765
Ion	Ratio	Lower	Upper
117	100		
119	94.7	73.7	110.5
201	101.9	88.7	133.1

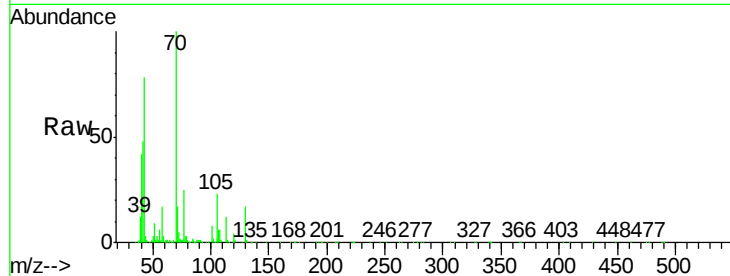




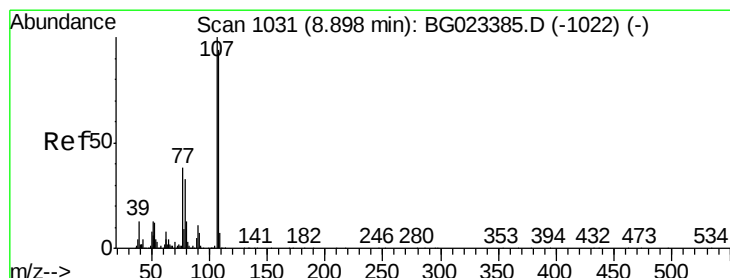
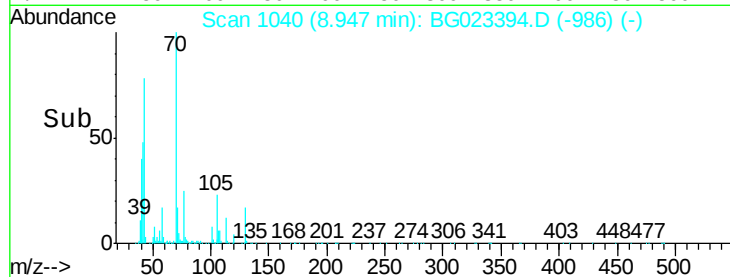
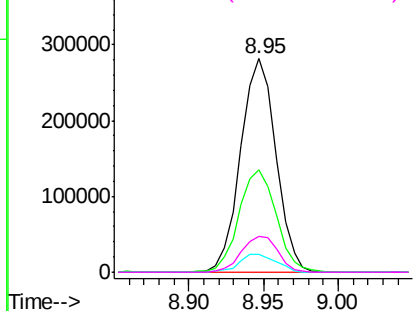
#19
n-Nitroso-di-n-propylamine
Concen: 39.01 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.02 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	461399
Ion	Ratio	Lower	Upper
70	100		
42	47.9	42.1	63.1
101	8.5	7.2	10.8
130	16.9	14.2	21.2

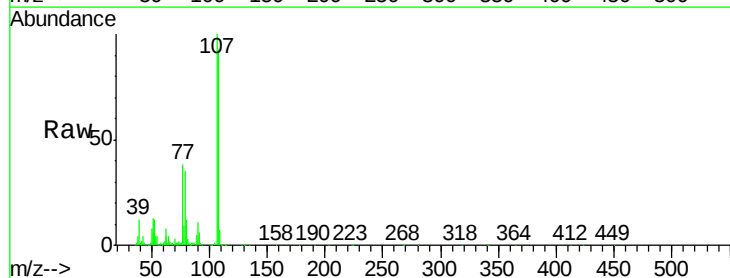


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

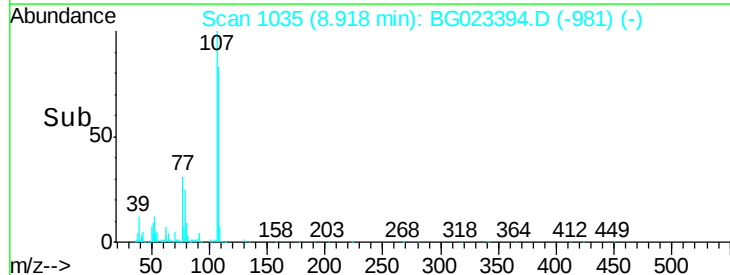
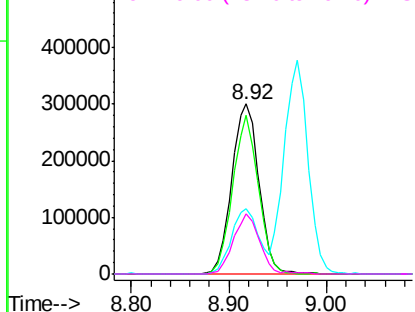


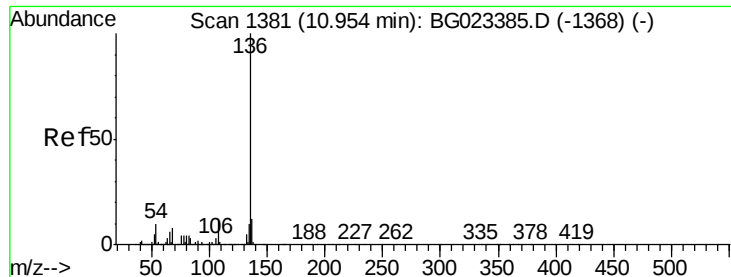
#20
3+4-Methylphenols
Concen: 41.72 ng
RT: 8.92 min Scan# 1035
Delta R.T. 0.02 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion:	107	Resp:	579997
Ion	Ratio	Lower	Upper
107	100		
108	93.4	72.5	112.5
77	38.3	30.1	70.1
79	35.4	24.2	64.2



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 739376

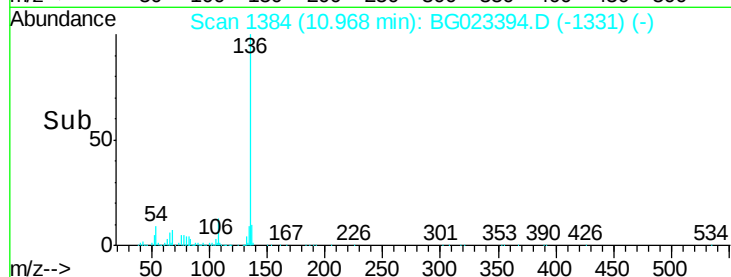
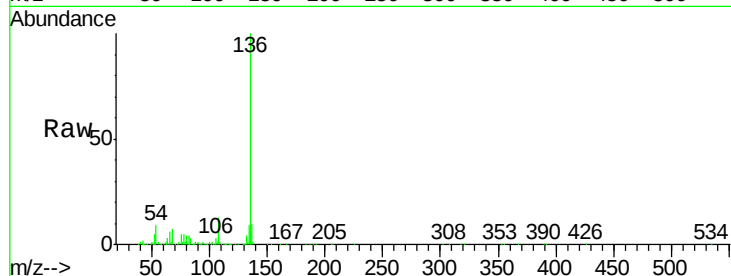
Ion Ratio Lower Upper

136 100

137 10.3 9.6 14.4

54 9.1 7.3 10.9

68 7.1 5.3 7.9



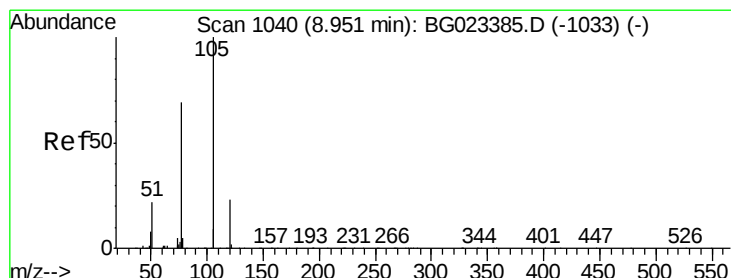
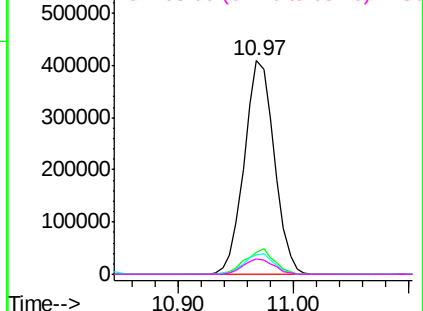
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.42 ng

RT: 8.97 min Scan# 1044

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Tgt Ion:105 Resp: 757590

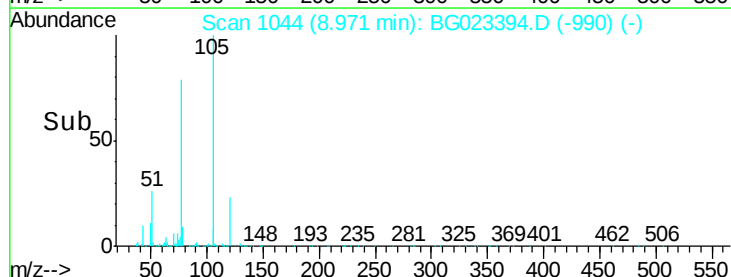
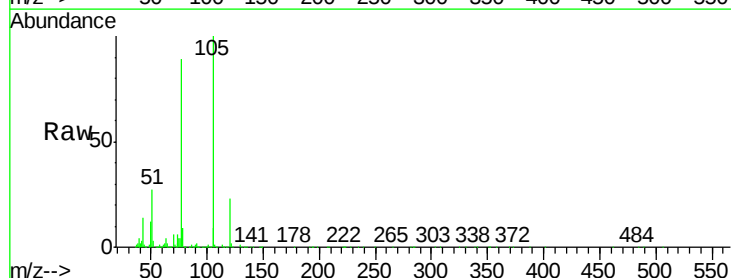
Ion Ratio Lower Upper

105 100

71 0.9 2.6 3.8#

51 27.2 27.1 40.7

120 22.5 15.1 22.7



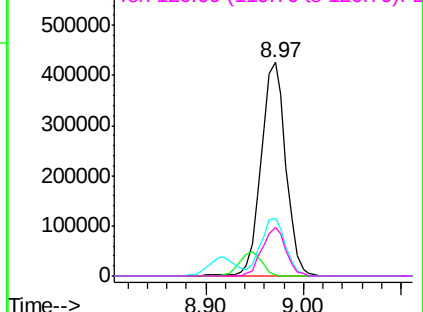
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

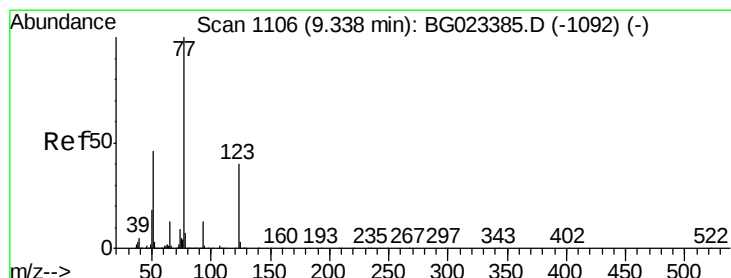
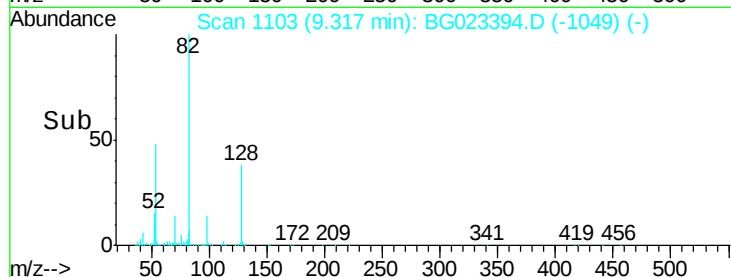
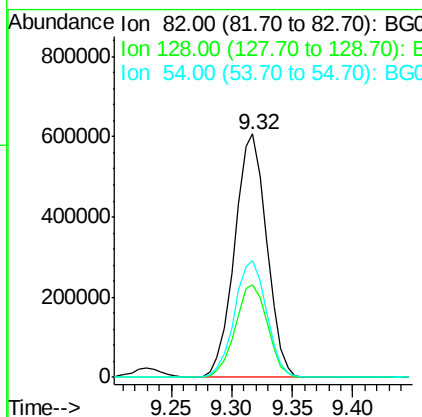
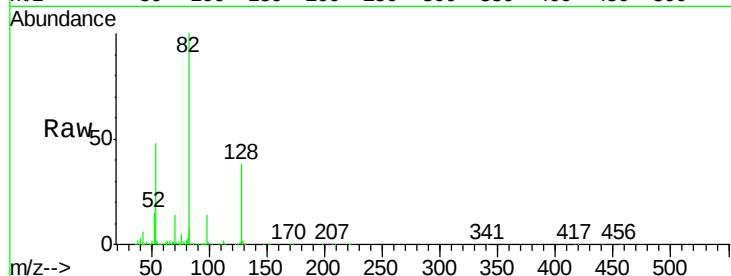




#23
 Nitrobenzene-d5
 Concen: 75.34 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. 0.02 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

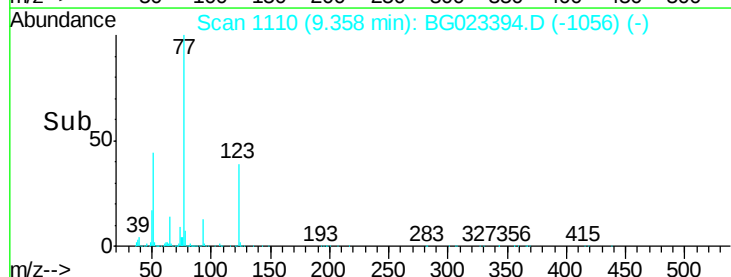
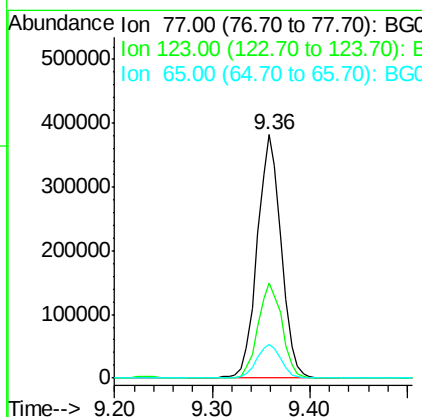
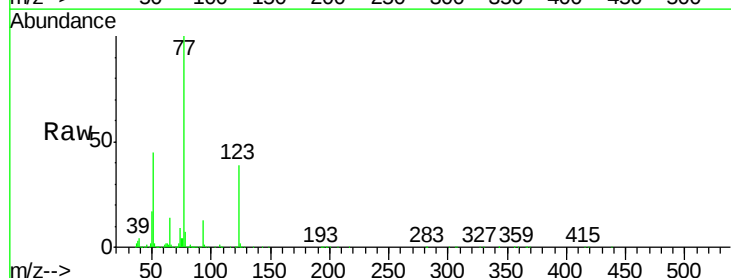
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

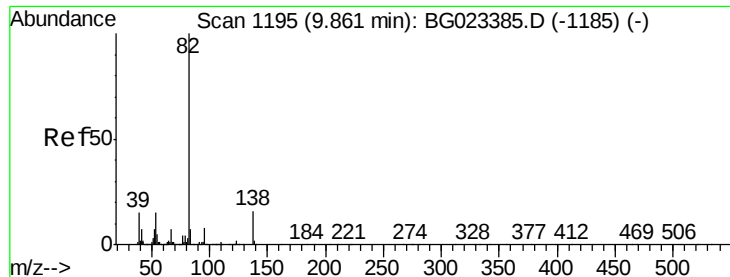
Tot Ion: 82 Resp: 1120475
 Ion Ratio Lower Upper
 82 100
 128 38.0 24.4 36.6#
 54 48.1 41.4 62.0



#24
 Nitrobenzene
 Concen: 40.00 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. 0.02 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

Tgt Ion: 77 Resp: 658682
 Ion Ratio Lower Upper
 77 100
 123 39.0 25.0 37.6#
 65 13.8 13.4 20.0





#25

Isophorone

Concen: 39.93 ng

RT: 9.88 min Scan# 1199

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

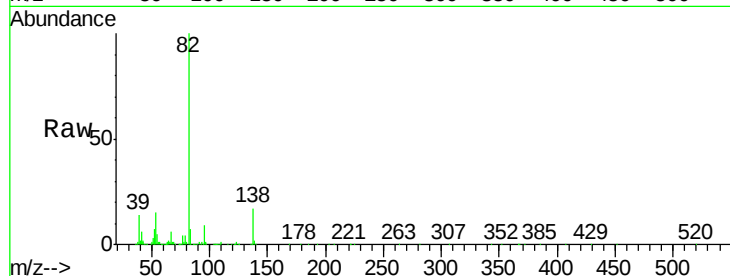
BNA_G

ClientSampleId :

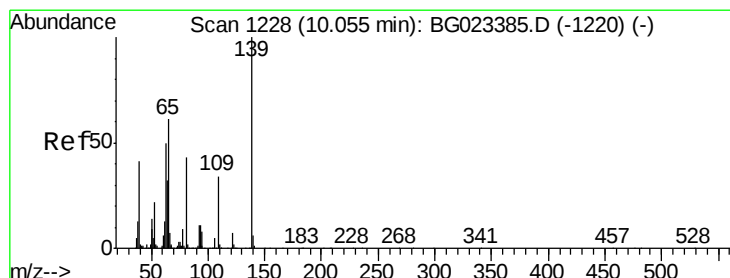
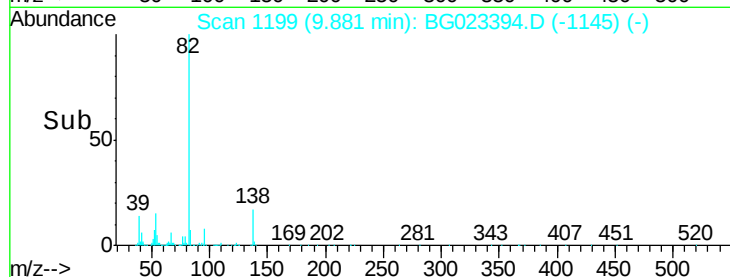
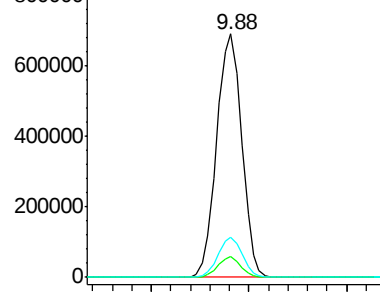
SSTDCCC040

Tot Ion: 82 Resp: 1237087

Ion	Ratio	Lower	Upper
82	100		
95	8.5	8.2	12.2
138	16.5	10.7	16.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.57 ng

RT: 10.07 min Scan# 1232

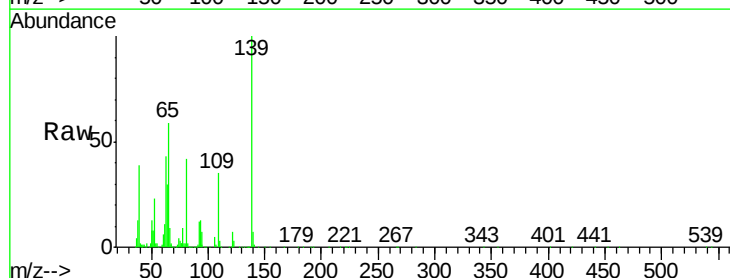
Delta R.T. 0.02 min

Lab File: BG023394.D

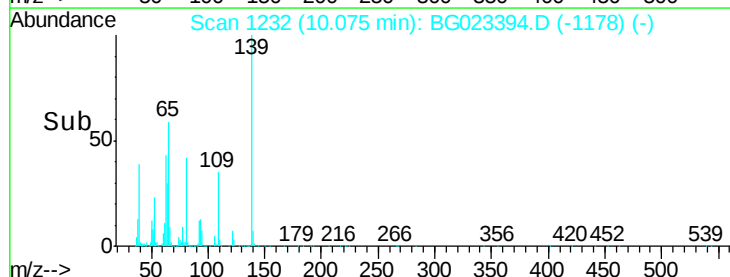
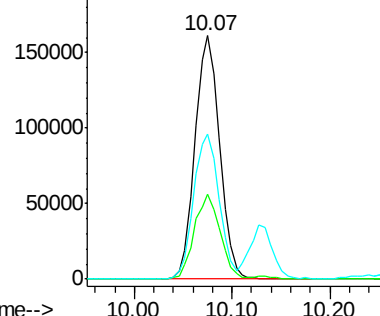
Acq: 2 Aug 2016 9:54

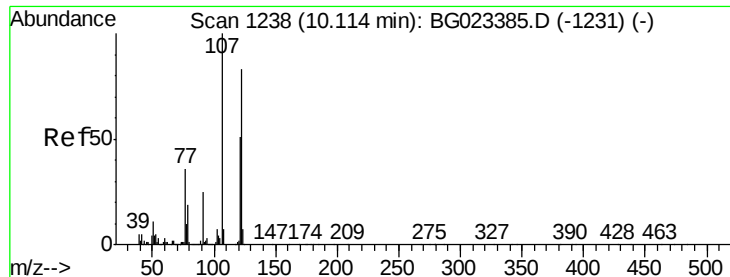
Tgt Ion: 139 Resp: 281993

Ion	Ratio	Lower	Upper
139	100		
109	35.0	43.5	65.3#
65	59.4	64.3	96.5#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 39.29 ng

RT: 10.13 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

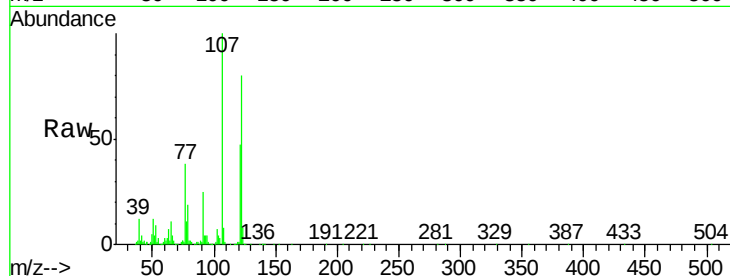
Tot Ion:122 Resp: 465045

Ion Ratio Lower Upper

122 100

107 125.4 117.0 175.4

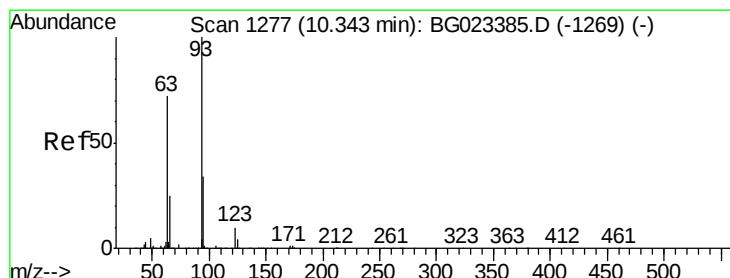
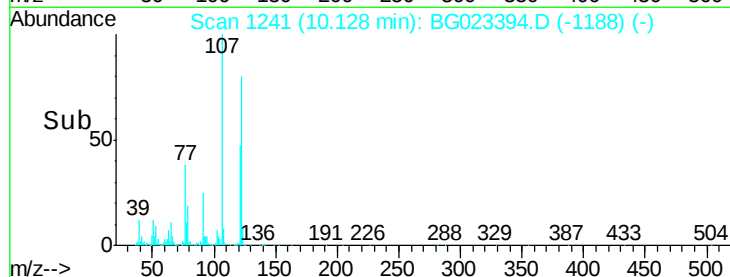
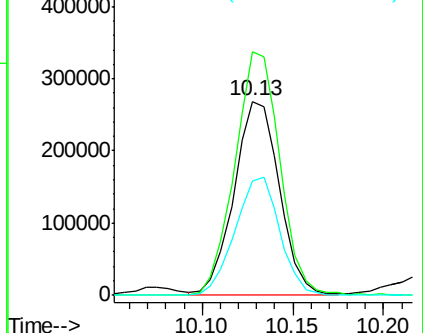
121 58.8 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.60 ng

RT: 10.36 min Scan# 1281

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

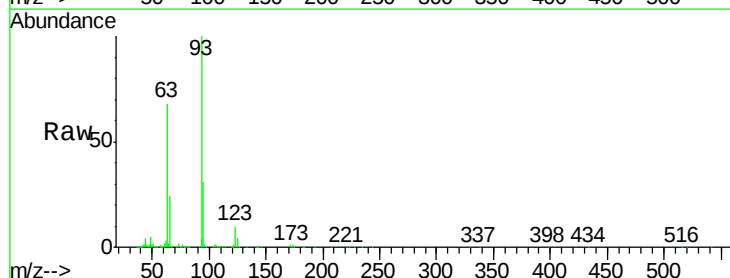
Tgt Ion: 93 Resp: 662963

Ion Ratio Lower Upper

93 100

95 31.3 25.4 38.2

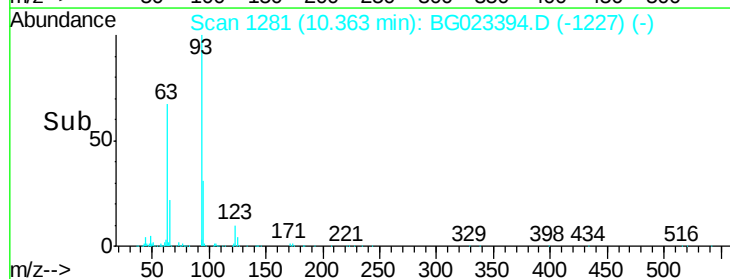
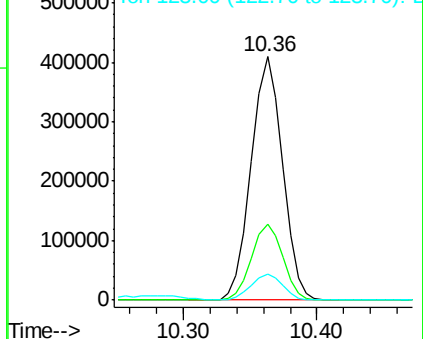
123 10.4 8.2 12.2

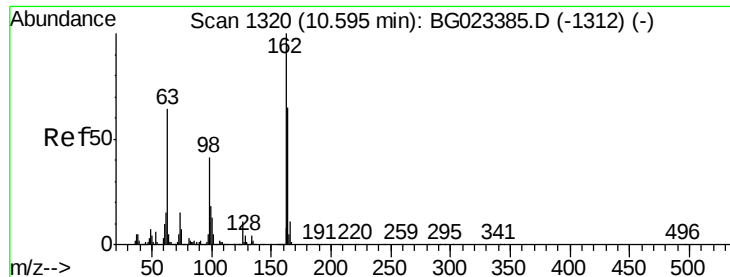


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

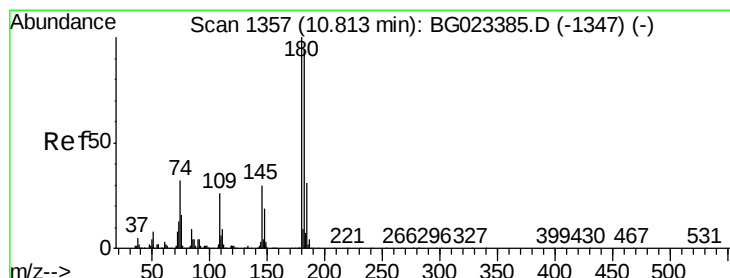
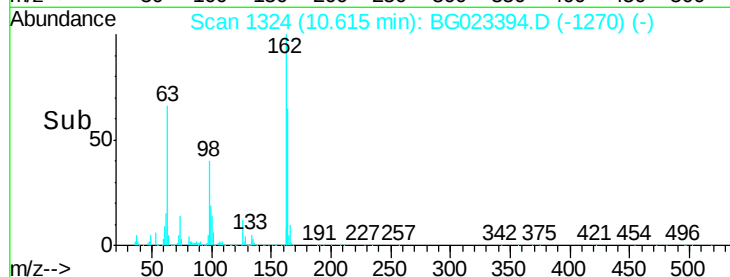
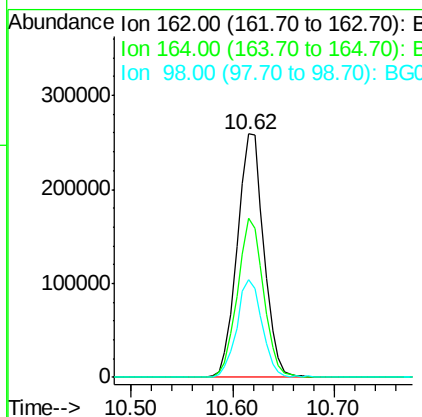
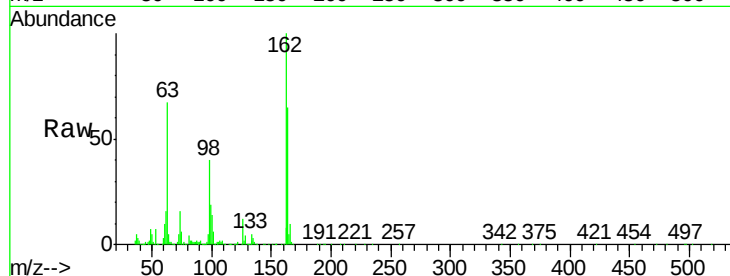




#29
 2,4-Dichlorophenol
 Concen: 39.62 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. 0.02 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

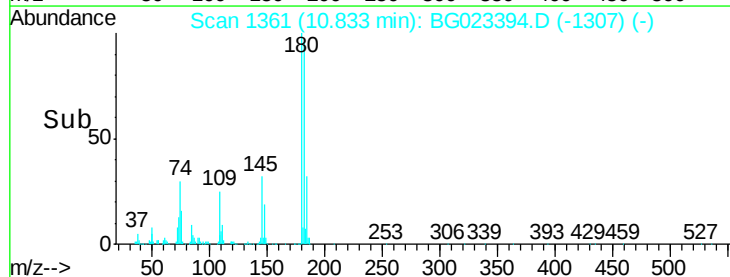
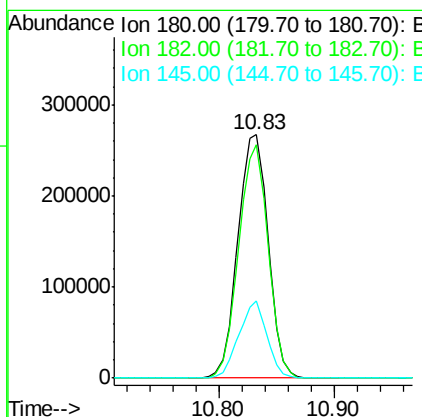
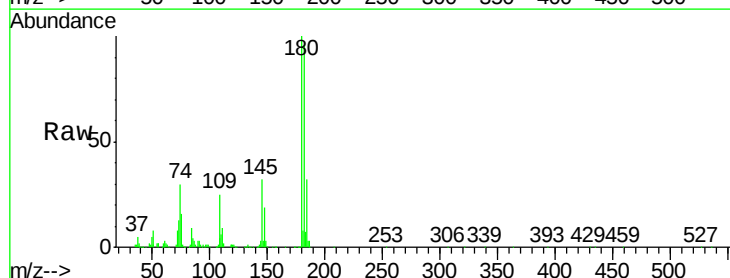
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

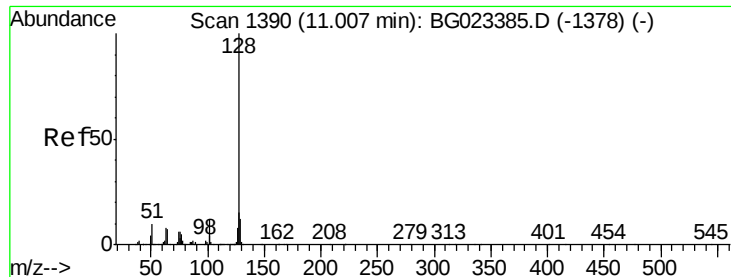
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.3	84.3
98	40.2	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 37.79 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. 0.02 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	73.8	110.8
145	31.9	24.4	36.6

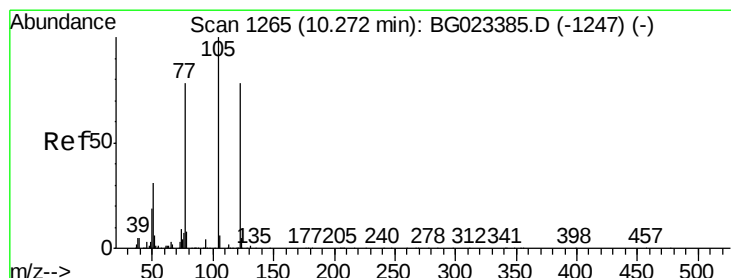
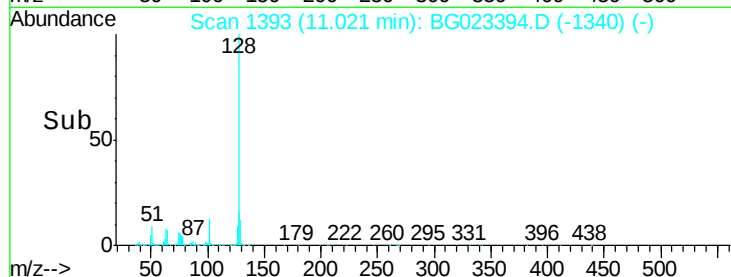
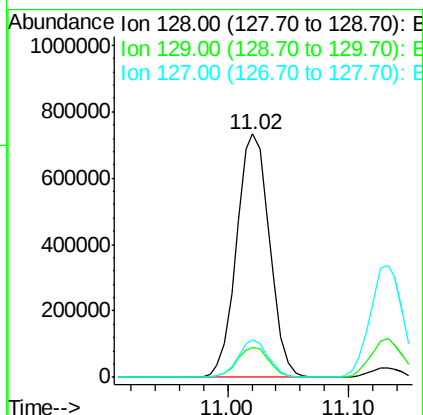
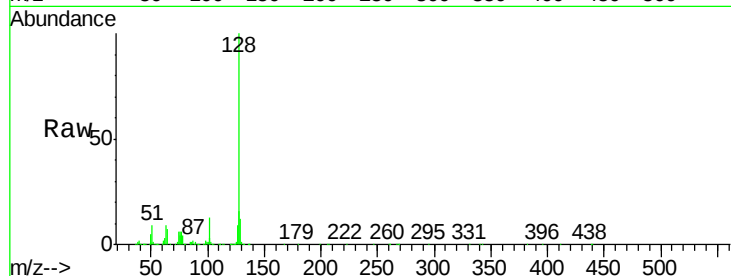




#31
Naphthalene
Concen: 36.90 ng
RT: 11.02 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

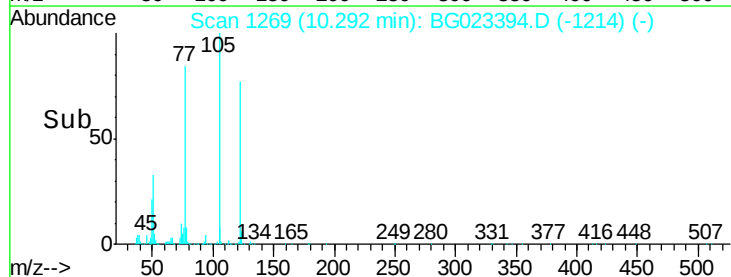
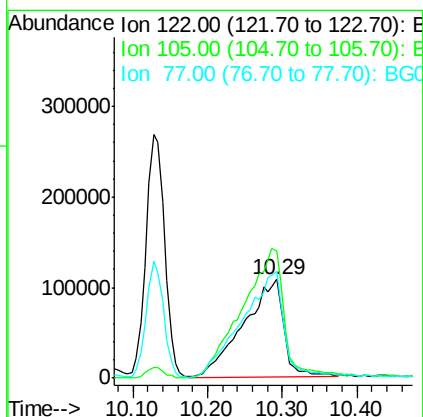
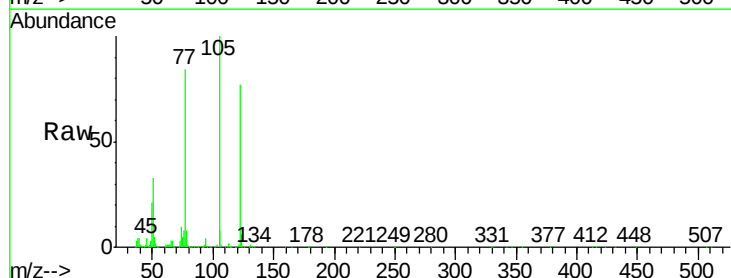
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

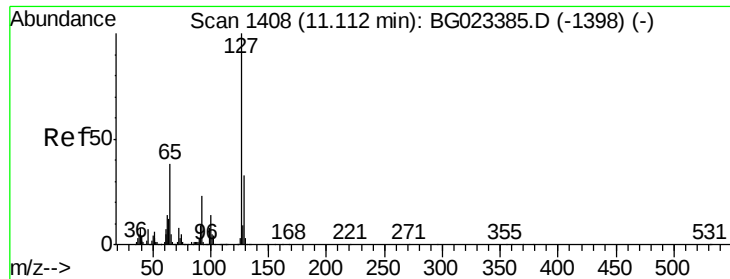
Tot Ion:128 Resp: 1389491
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 15.6 11.3 16.9



#32
Benzoic acid
Concen: 38.33 ng
RT: 10.29 min Scan# 1269
Delta R.T. 0.02 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion:122 Resp: 401352
Ion Ratio Lower Upper
122 100
105 129.1 117.2 157.2
77 108.7 109.2 149.2#

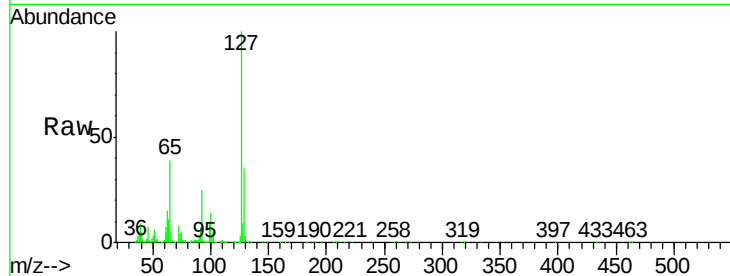




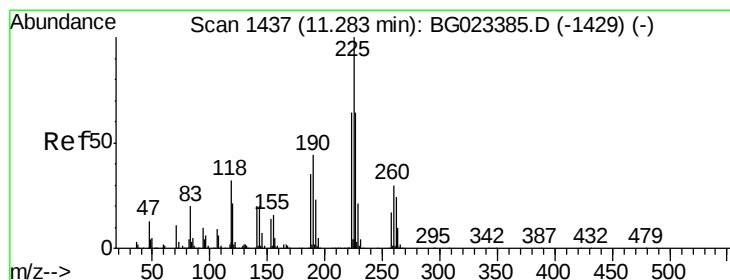
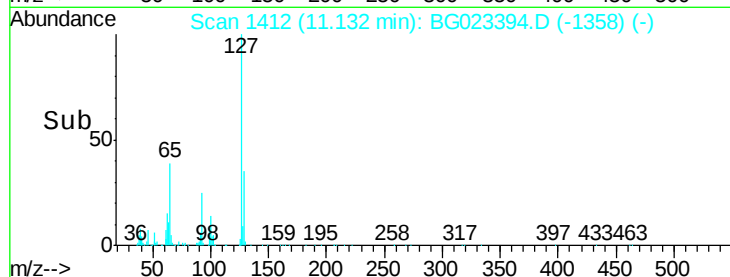
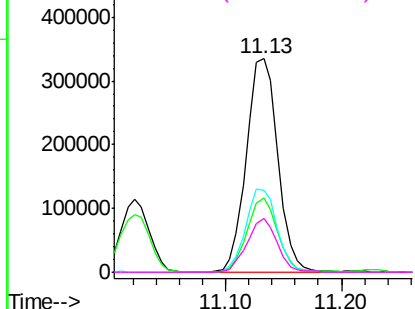
#33
4-Chloroaniline
Concen: 35.44 ng
RT: 11.13 min Scan# 1412
Delta R.T. 0.02 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	637903	
Ion Ratio	Lower	Upper	
127 100			
129 34.8	27.9	41.9	
65 38.5	36.8	55.2	
92 25.0	21.0	31.6	

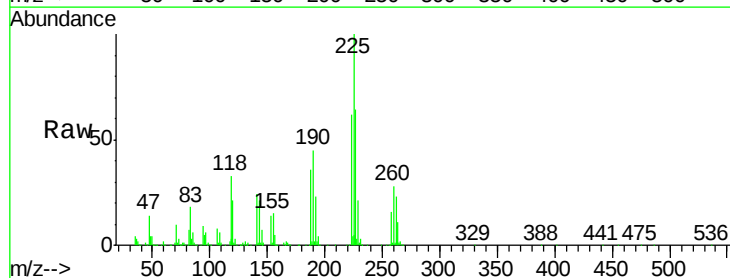


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

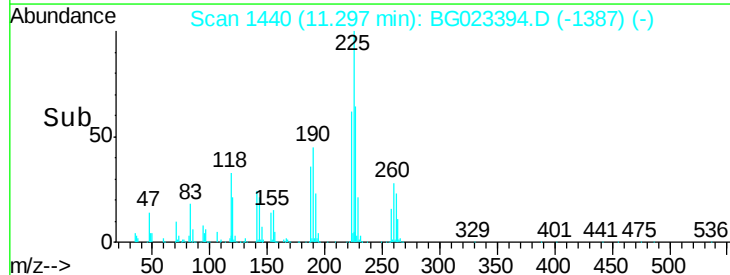
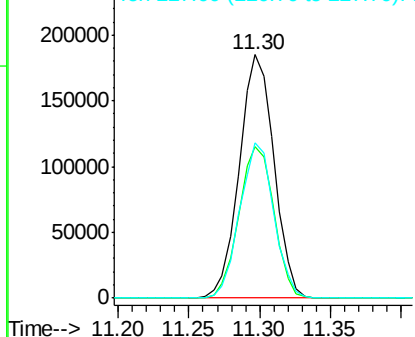


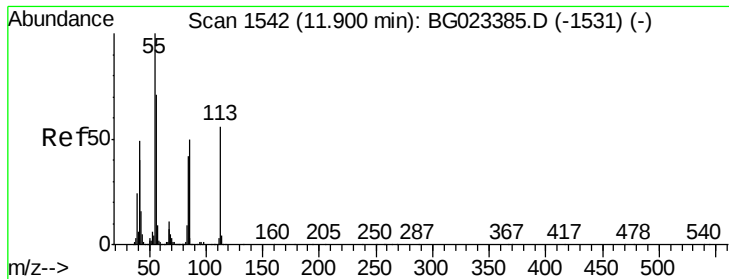
#34
Hexachlorobutadiene
Concen: 37.56 ng
RT: 11.30 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion	225	Resp:	316995
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.6	74.4
227	63.9	54.5	81.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.36 ng

RT: 11.91 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

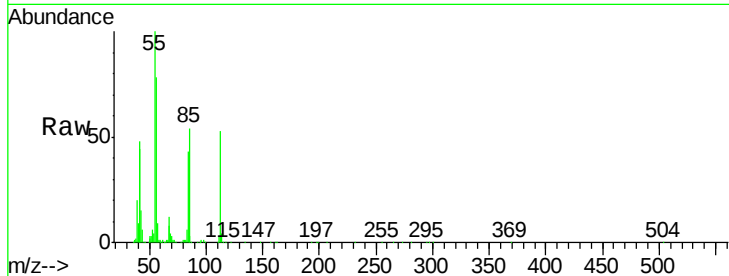
Tot Ion:113 Resp: 202058

Ion Ratio Lower Upper

113 100

55 187.5 154.5 194.5

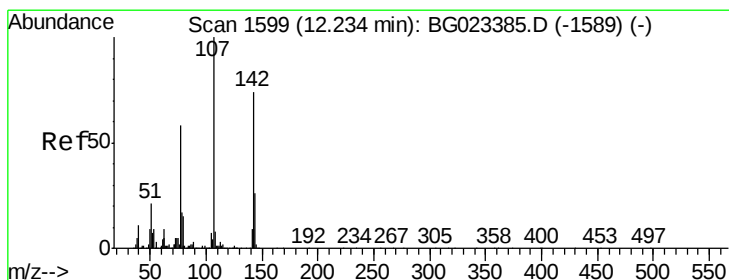
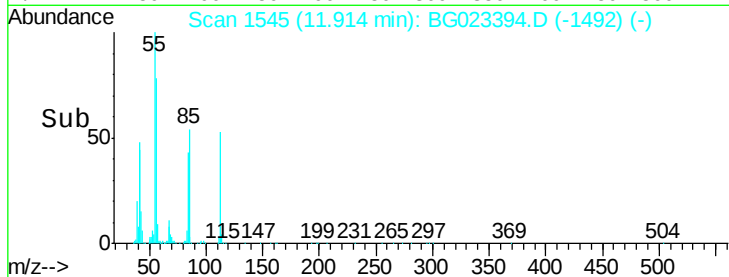
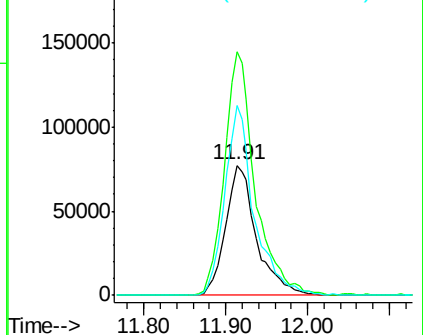
56 146.0 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.96 ng

RT: 12.25 min Scan# 1603

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

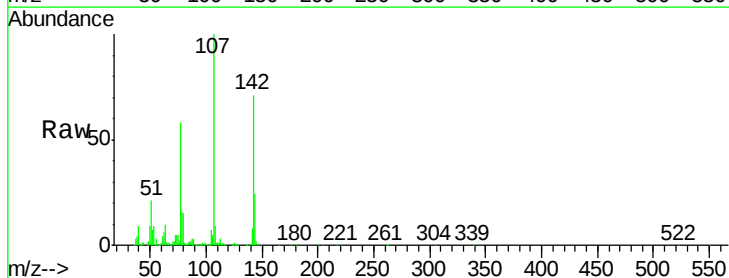
Tgt Ion:107 Resp: 624721

Ion Ratio Lower Upper

107 100

144 24.2 17.0 25.6

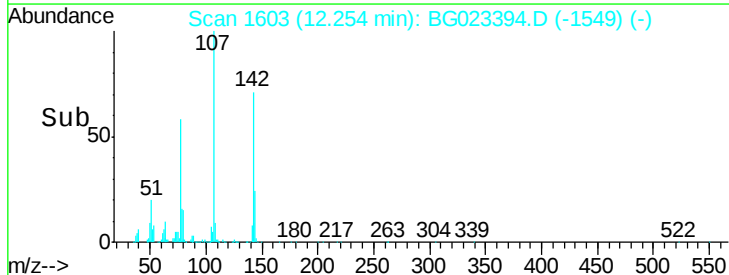
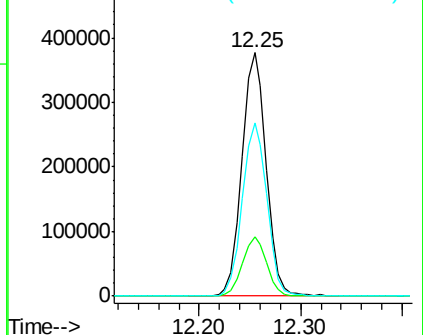
142 71.4 53.0 79.6

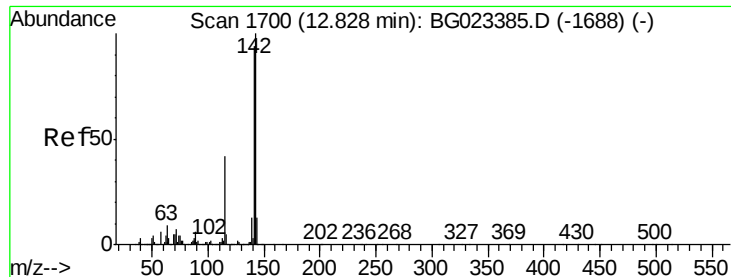


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

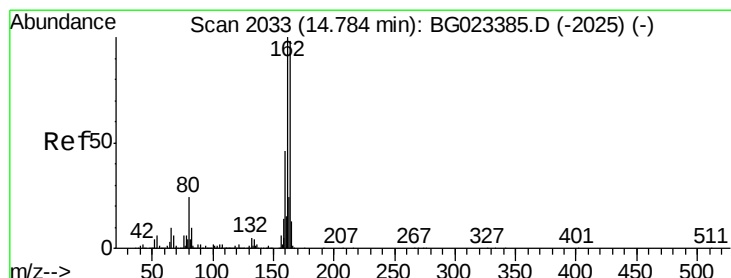
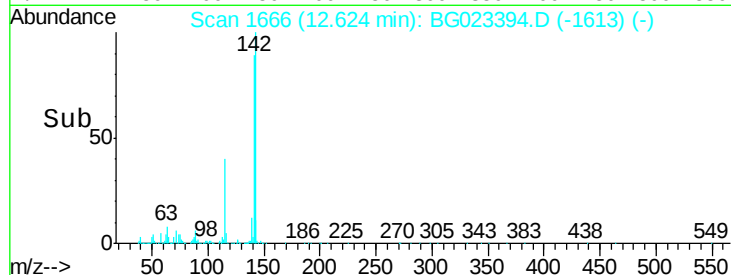
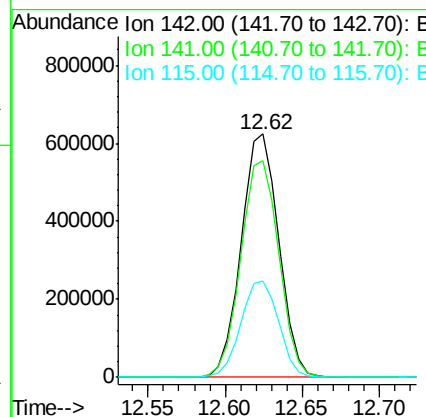
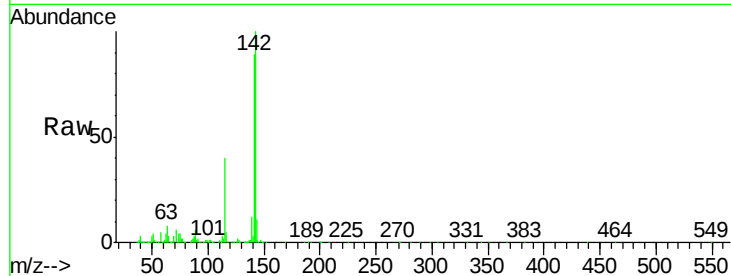




#37
 2-Methylnaphthalene
 Concen: 37.39 ng/ml
 RT: 12.62 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

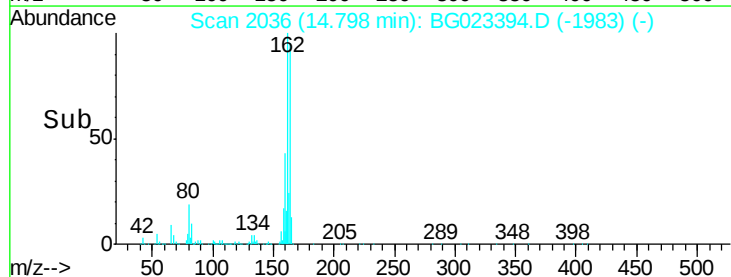
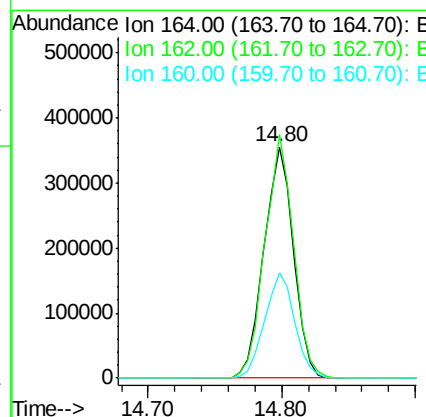
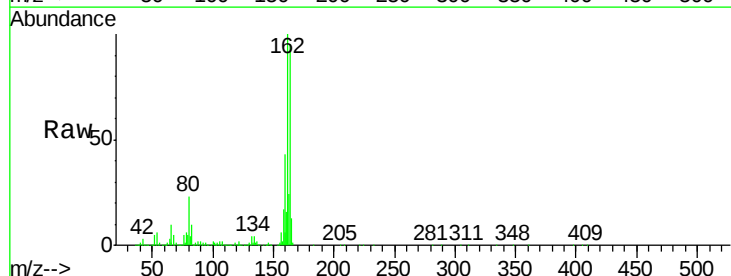
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:142 Resp: 1070417
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.2 105.2
 115 39.8 41.7 62.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

Tgt Ion:164 Resp: 541330
 Ion Ratio Lower Upper
 164 100
 162 105.4 87.7 131.5
 160 45.8 37.2 55.8

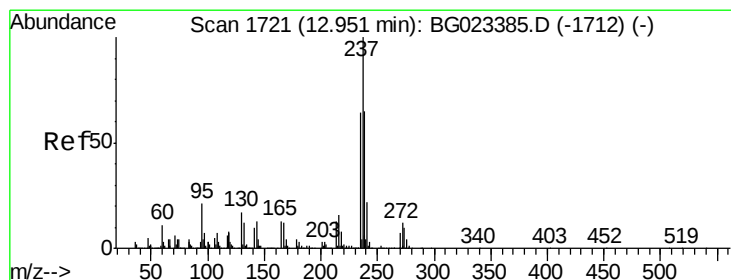
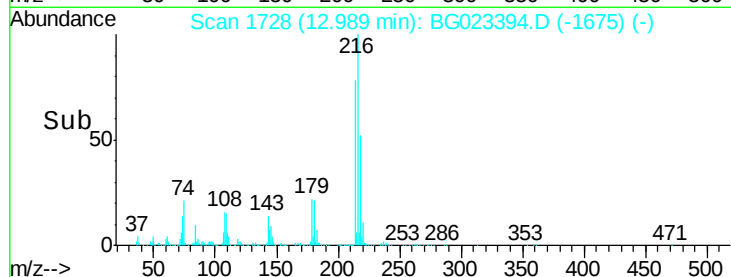
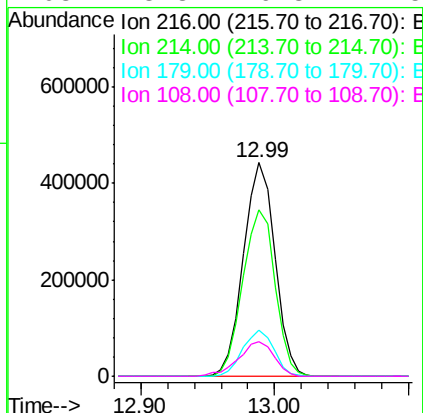
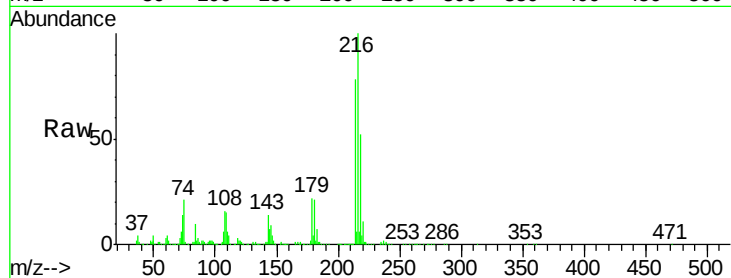




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.65 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

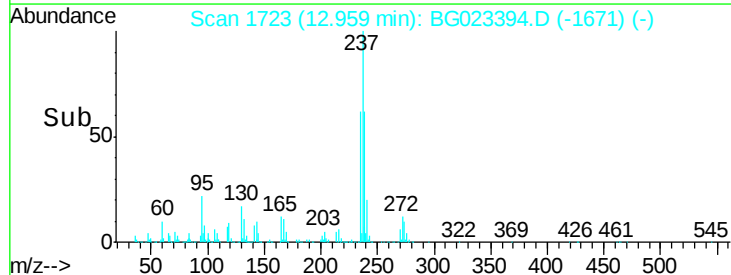
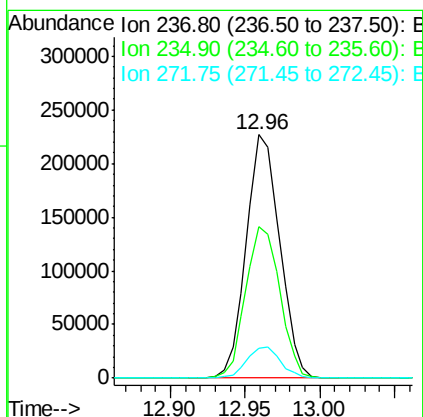
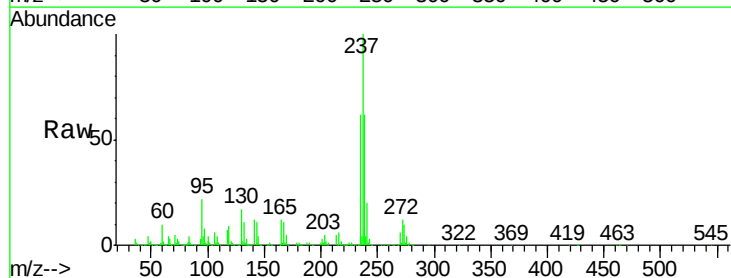
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

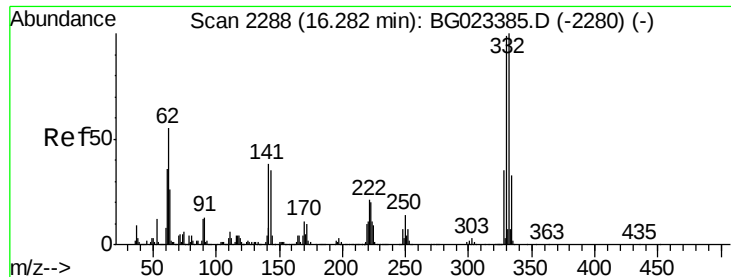
Tot Ion:	216	Resp:	719379
Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.9	94.3
179	21.6	17.2	25.8
108	18.3	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 35.51 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

Tgt Ion:	237	Resp:	351512
Ion	Ratio	Lower	Upper
237	100		
235	62.1	43.1	83.1
272	12.2	0.0	30.9





#41

2,4,6-Tribromophenol

Concen: 82.27 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

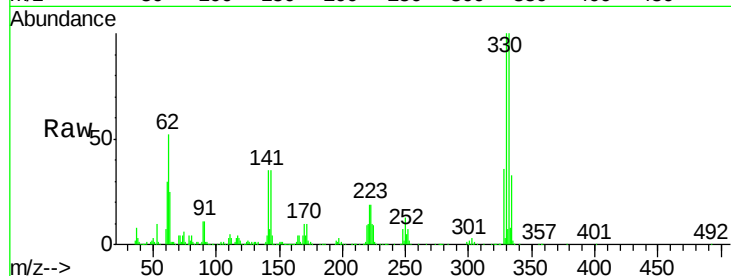
Tot Ion:330 Resp: 651371

Ion Ratio Lower Upper

330 100

332 100.8 77.4 116.2

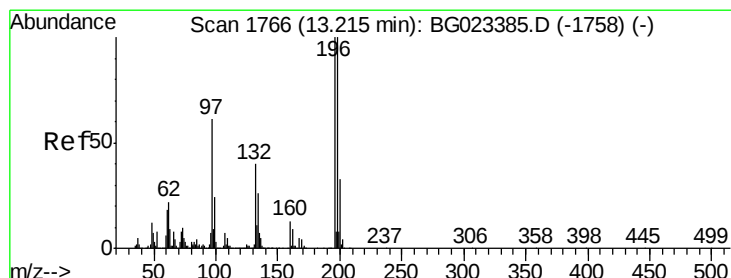
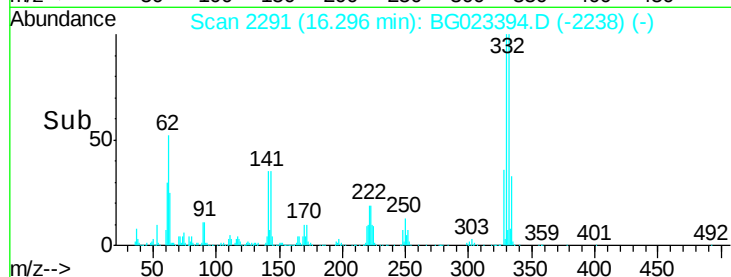
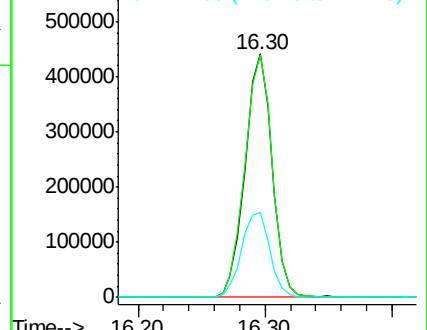
141 36.5 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.09 ng

RT: 13.23 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

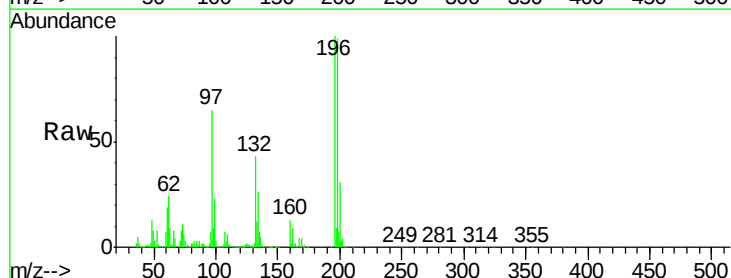
Tgt Ion:196 Resp: 445463

Ion Ratio Lower Upper

196 100

198 99.5 78.2 117.2

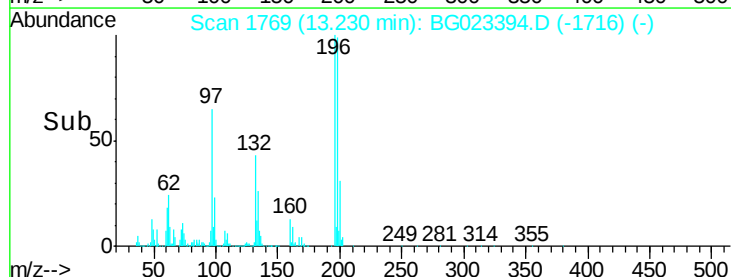
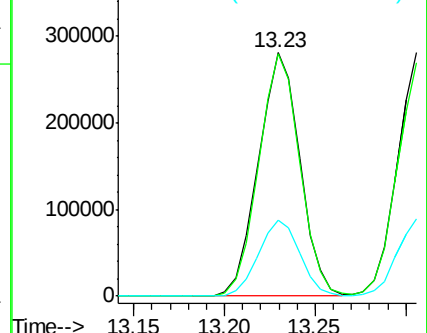
200 31.0 27.0 40.4

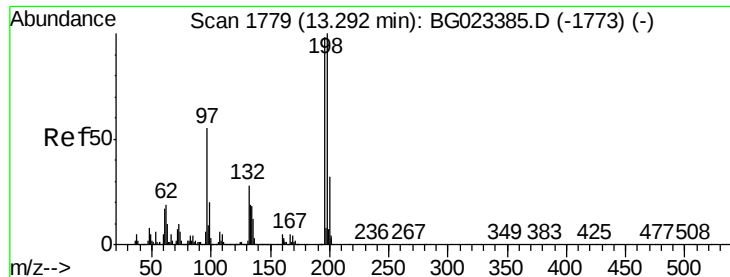


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 39.21 ng

RT: 13.31 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 472063

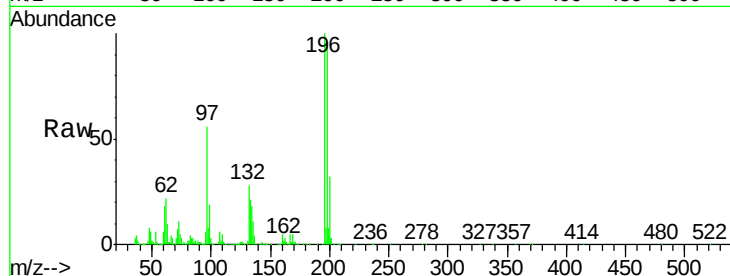
Ion Ratio Lower Upper

196 100

198 95.9 85.7 128.5

97 55.8 45.5 68.3

132 27.7 18.9 28.3

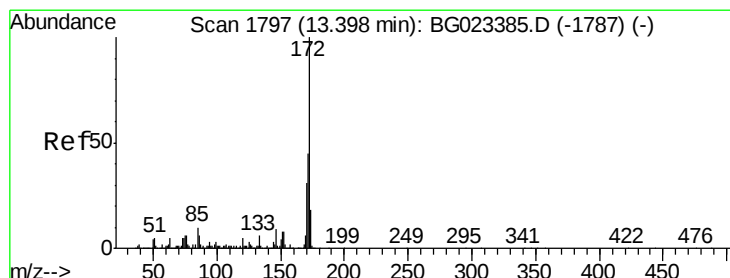
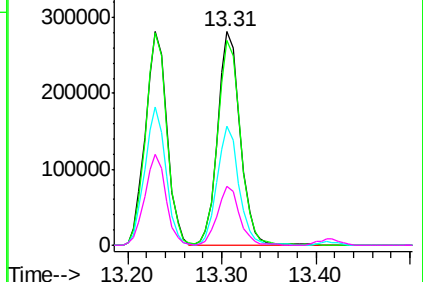
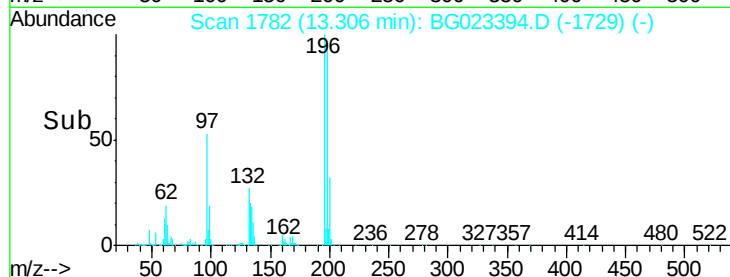


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 71.70 ng

RT: 13.41 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

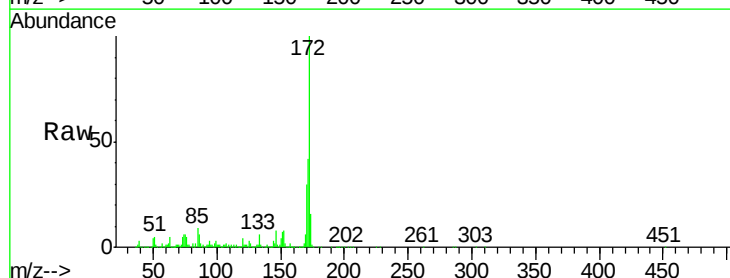
Tgt Ion:172 Resp: 2301030

Ion Ratio Lower Upper

172 100

171 41.8 31.6 47.4

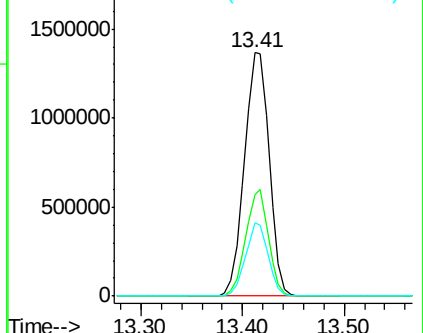
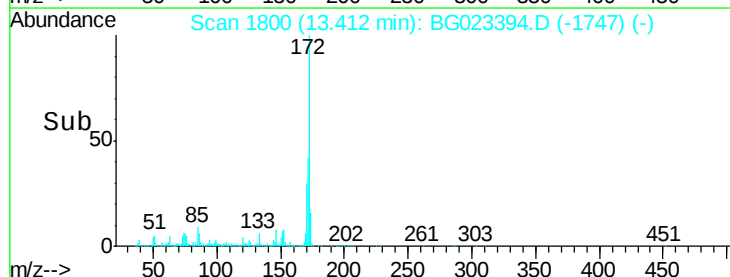
170 29.9 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.62 ng

RT: 13.62 min Scan# 1836

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

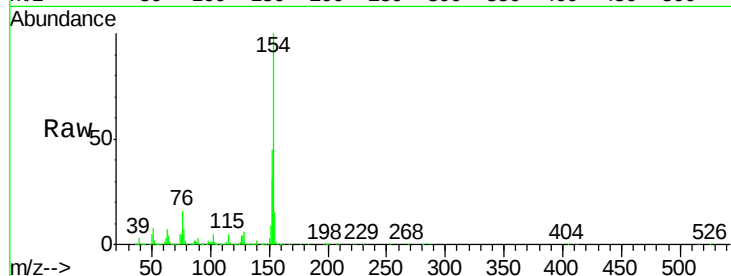
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1515347

Ion	Ratio	Lower	Upper
154	100		
153	45.2	20.2	60.2
76	16.0	0.0	32.9

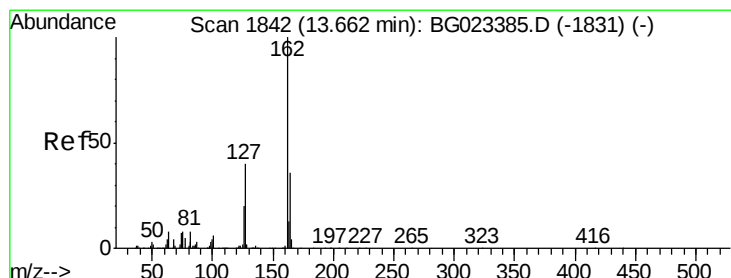
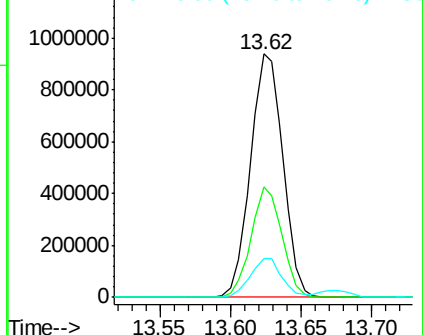
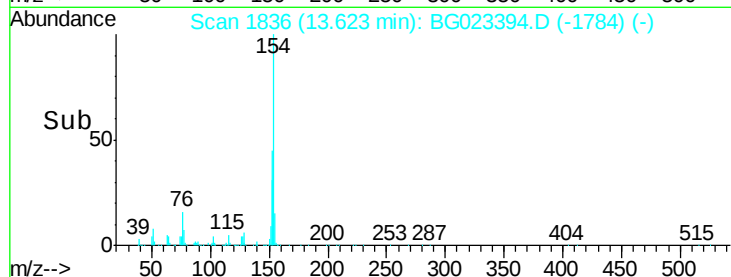


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 36.52 ng

RT: 13.68 min Scan# 1845

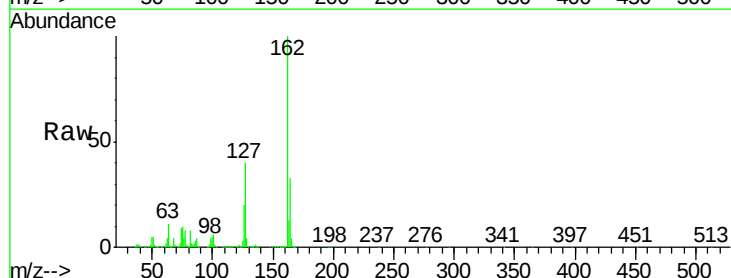
Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Tgt Ion:162 Resp: 1168985

Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.4	48.6
164	33.1	25.2	37.8

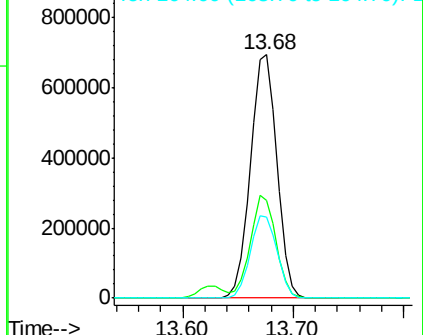
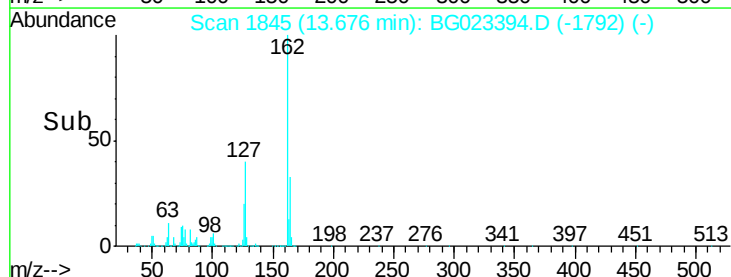


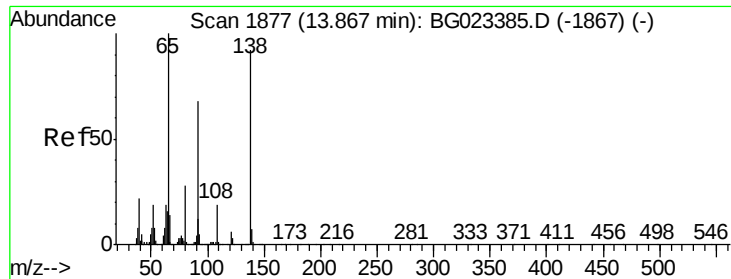
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

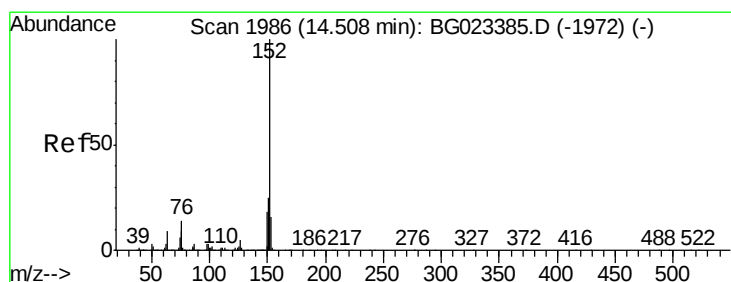
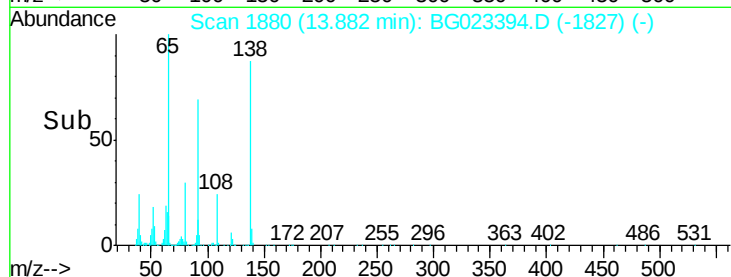
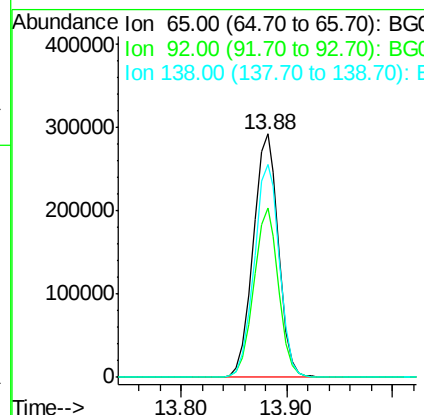
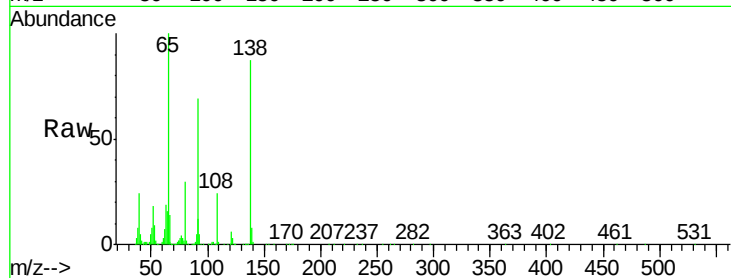




#47
2-Nitroaniline
Concen: 36.75 ng
RT: 13.88 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

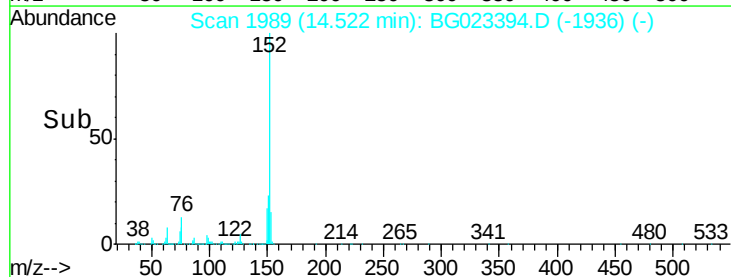
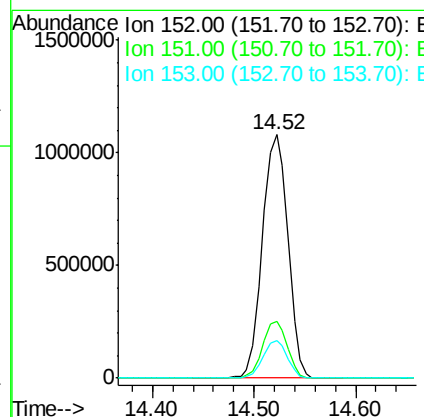
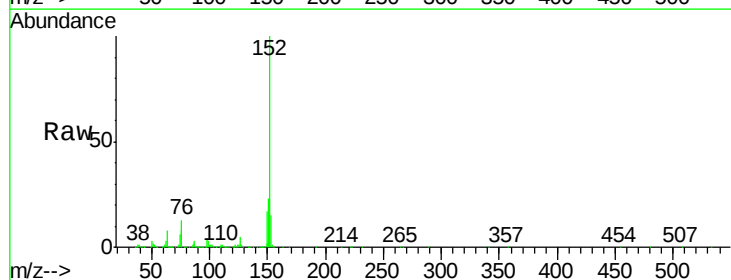
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

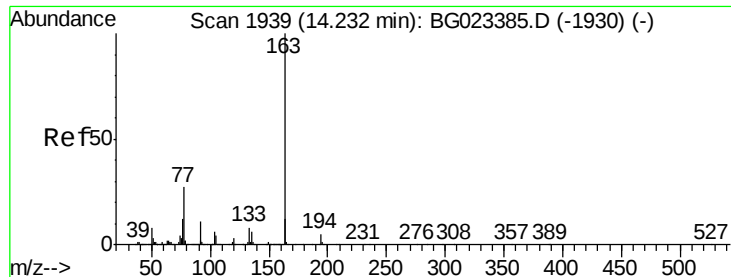
Tot Ion: 65 Resp: 488508
Ion Ratio Lower Upper
65 100
92 69.5 49.4 74.0
138 87.2 58.0 87.0#



#48
Acenaphthylene
Concen: 37.25 ng
RT: 14.52 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion: 152 Resp: 1884997
Ion Ratio Lower Upper
152 100
151 23.2 17.6 26.4
153 15.4 11.4 17.2





#49

Dimethylphthalate

Concen: 39.24 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

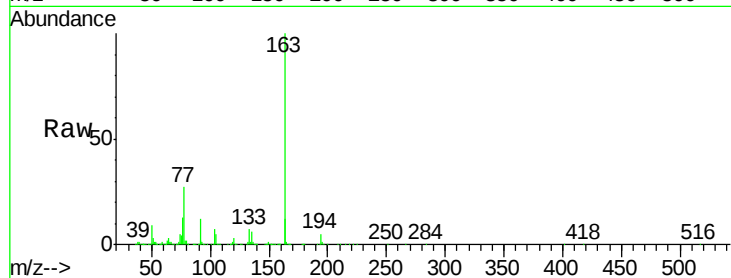
Tot Ion:163 Resp: 1629918

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

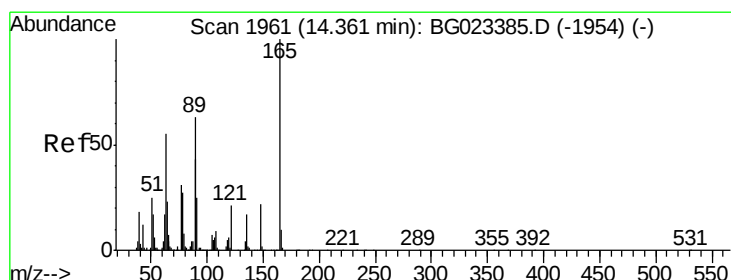
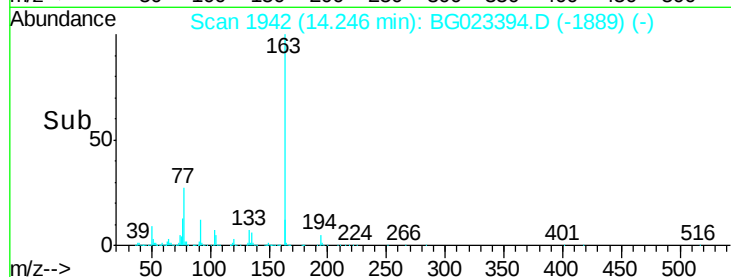
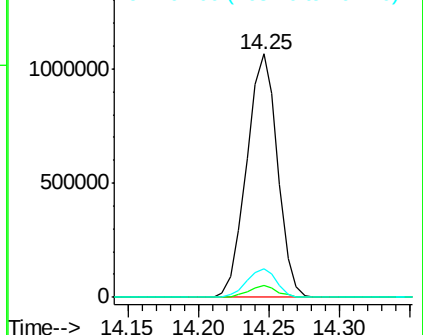
164 11.7 8.1 12.1



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: 38.77 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

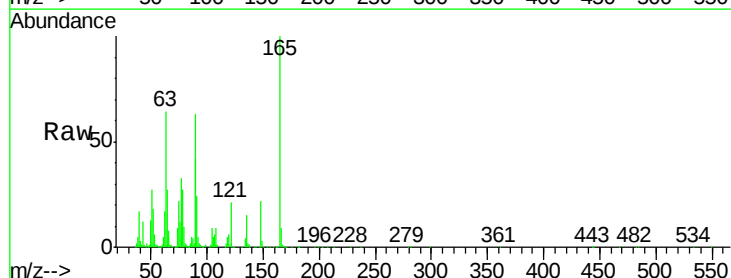
Tgt Ion:165 Resp: 381360

Ion Ratio Lower Upper

165 100

63 63.7 64.3 96.5#

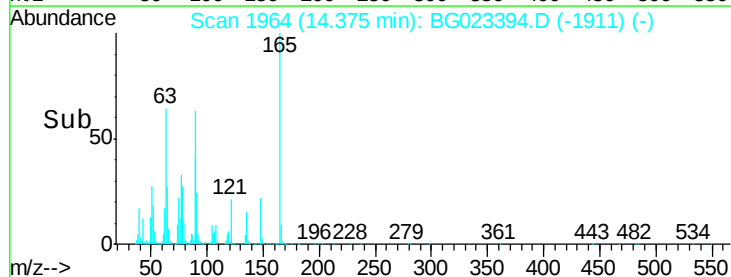
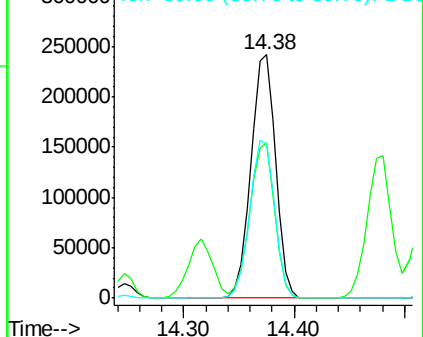
89 63.3 64.3 96.5#

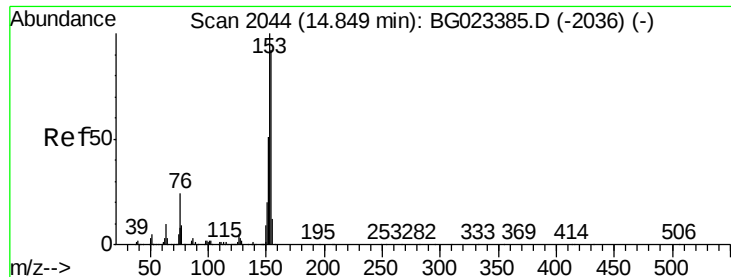


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.63 ng/mL

RT: 14.86 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

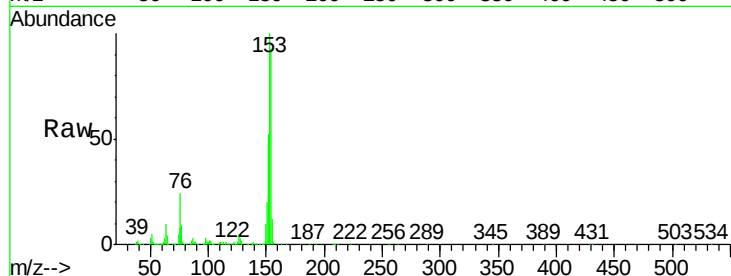
Tot Ion:154 Resp: 1366484

Ion Ratio Lower Upper

154 100

153 107.2 87.5 131.3

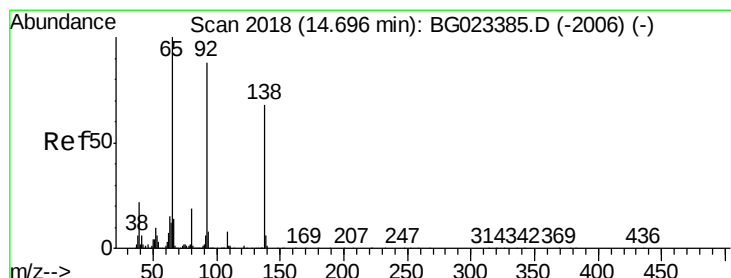
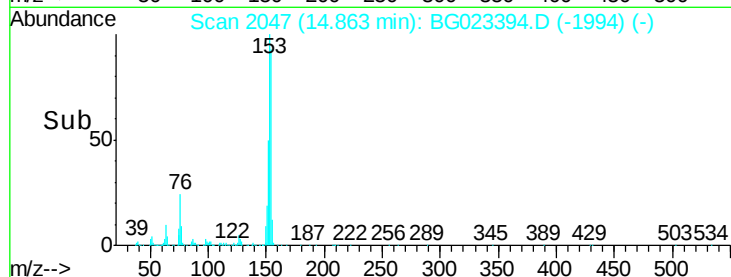
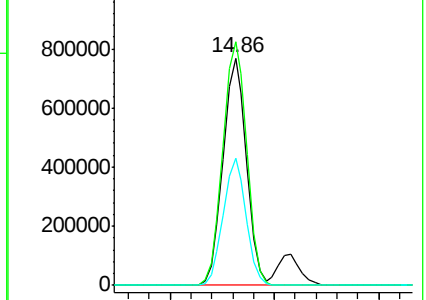
152 56.1 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.52 ng/mL

RT: 14.71 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

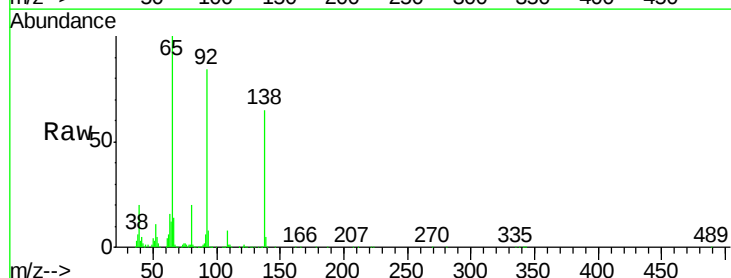
Tgt Ion:138 Resp: 405016

Ion Ratio Lower Upper

138 100

108 12.0 11.7 17.5

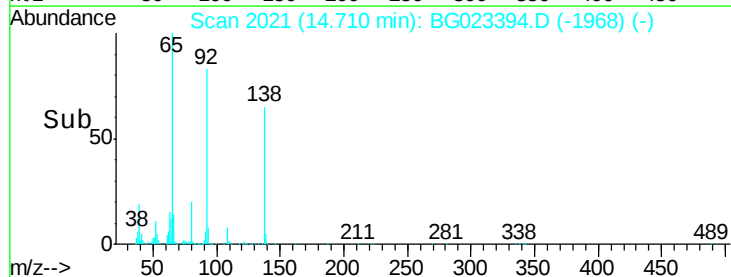
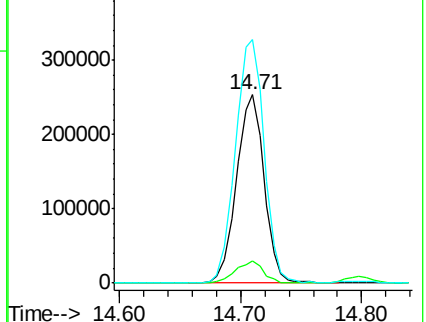
92 129.2 129.7 194.5#

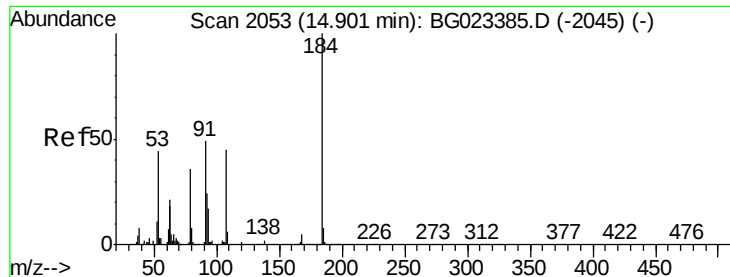


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

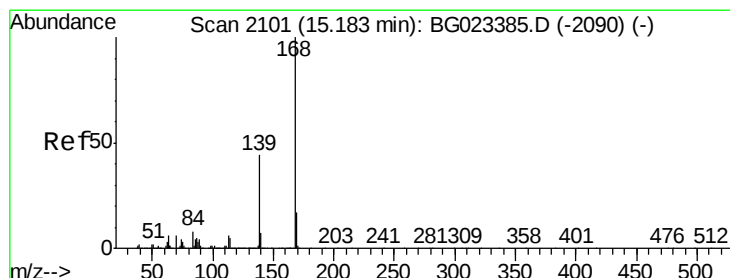
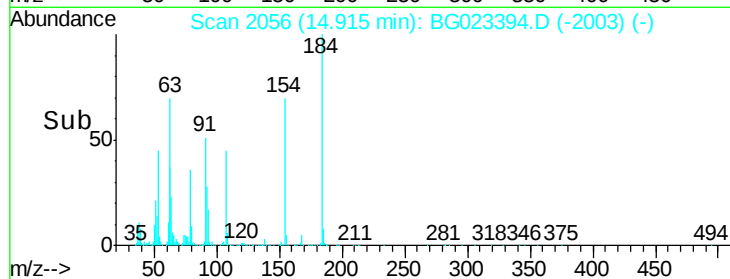
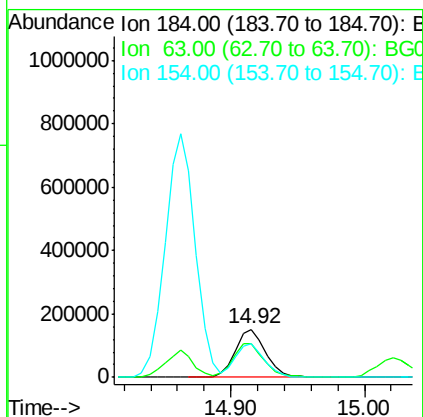
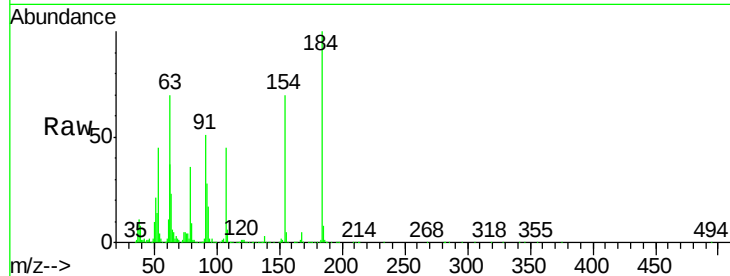




#53
2,4-Dinitrophenol
Concen: 38.40 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

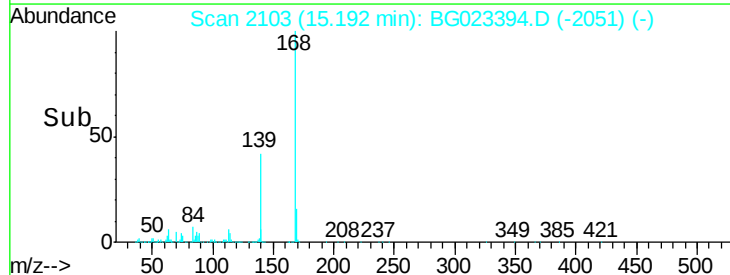
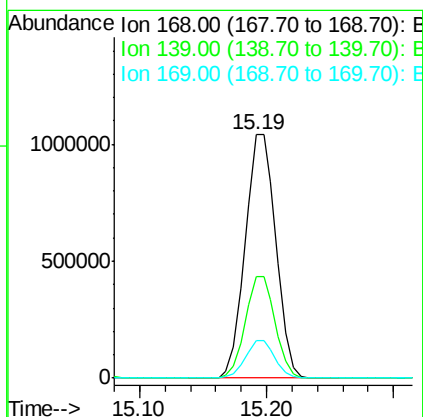
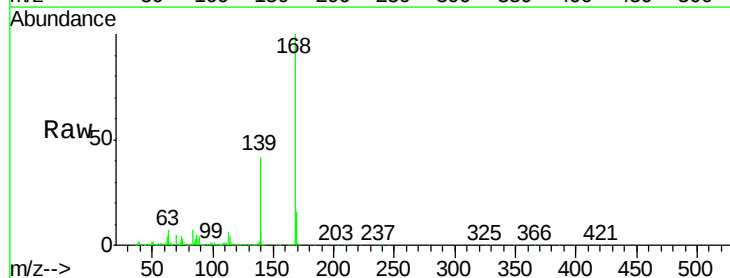
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

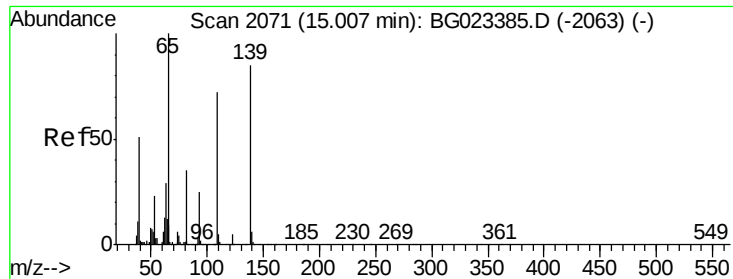
Tot Ion:184 Resp: 242128
Ion Ratio Lower Upper
184 100
63 70.1 59.6 89.4
154 70.1 67.4 101.0



#54
Dibenzofuran
Concen: 37.44 ng
RT: 15.19 min Scan# 2103
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion:168 Resp: 1742727
Ion Ratio Lower Upper
168 100
139 41.8 36.4 54.6
169 15.5 11.9 17.9





#55

4-Nitrophenol

Concen: 38.12 ng

RT: 15.02 min Scan# 2074

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

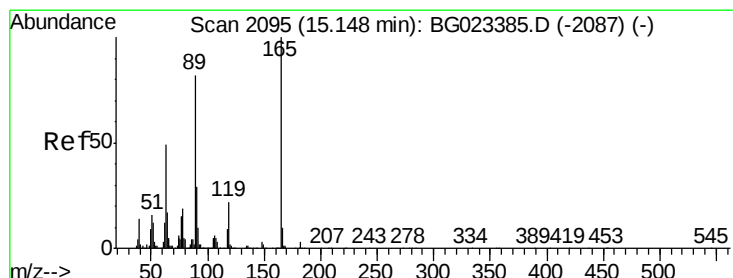
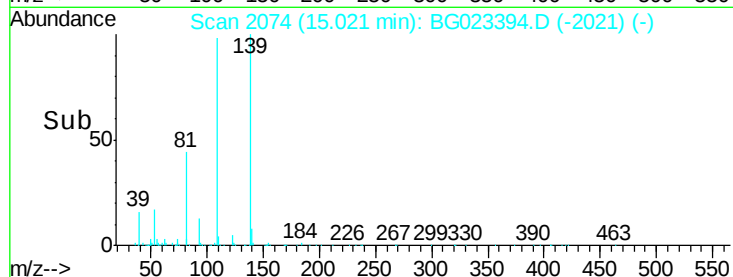
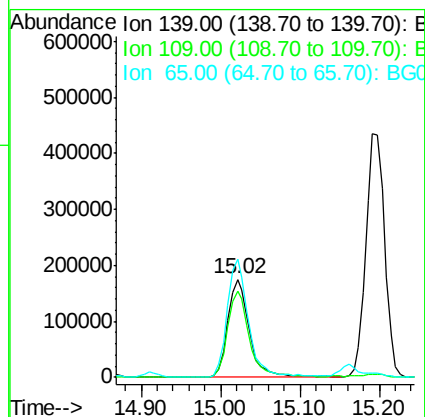
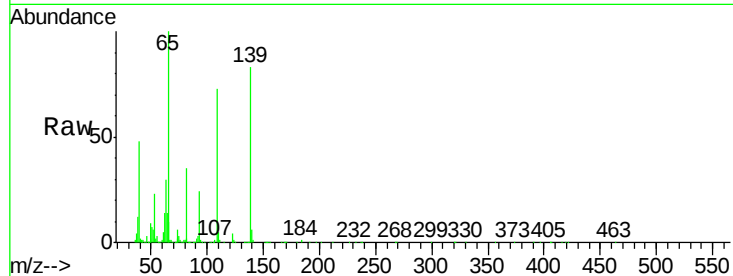
Tot Ion:139 Resp: 332061

Ion Ratio Lower Upper

139 100

109 88.4 103.0 143.0#

65 120.9 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 39.84 ng

RT: 15.16 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Tgt Ion:165 Resp: 549900

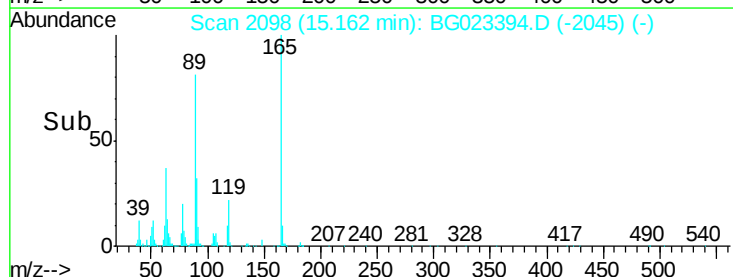
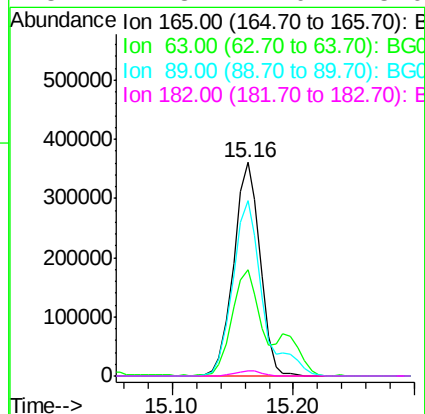
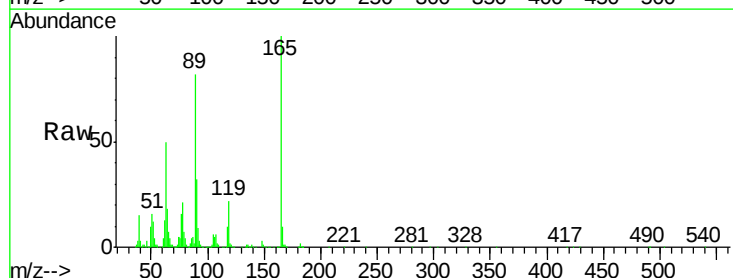
Ion Ratio Lower Upper

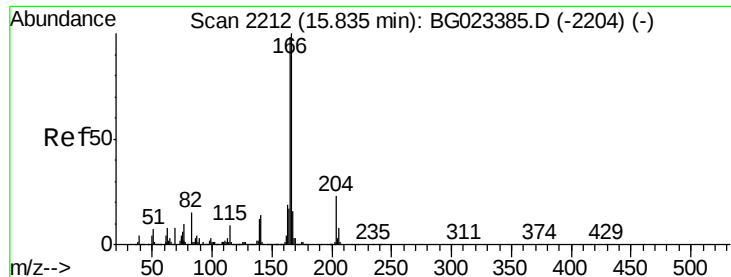
165 100

63 49.9 45.8 68.6

89 82.4 68.6 102.8

182 2.3 2.0 3.0

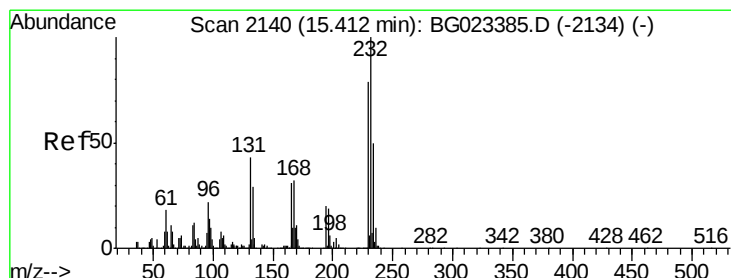
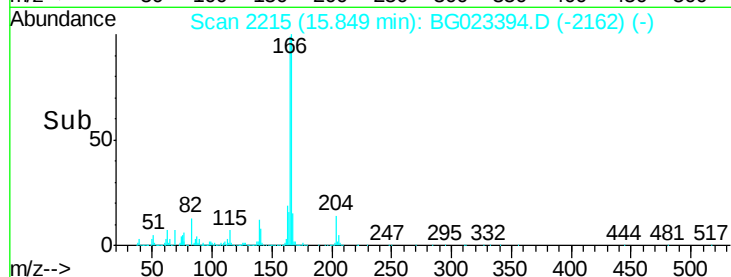
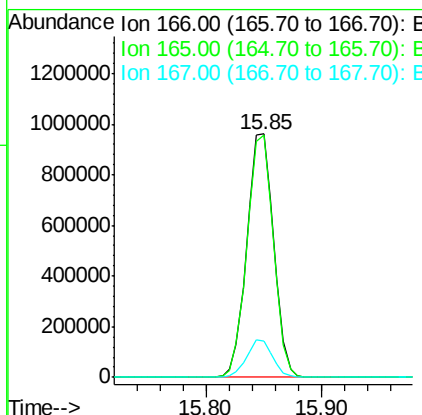
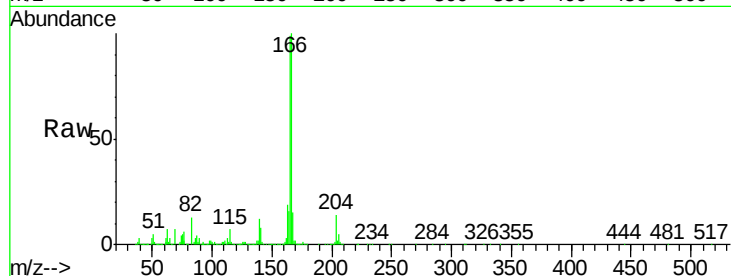




#57
Fluorene
 Concen: 38.17 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

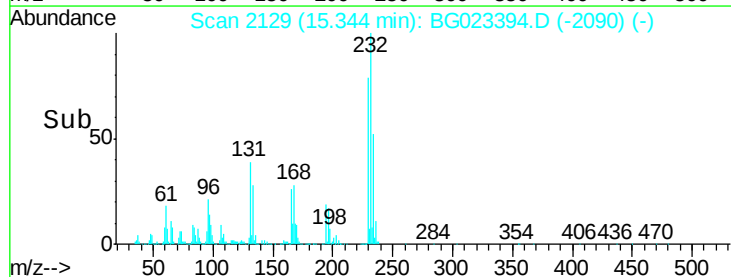
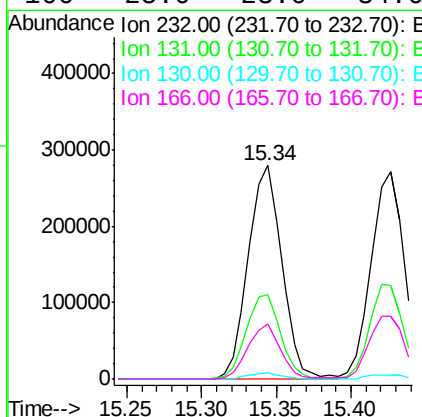
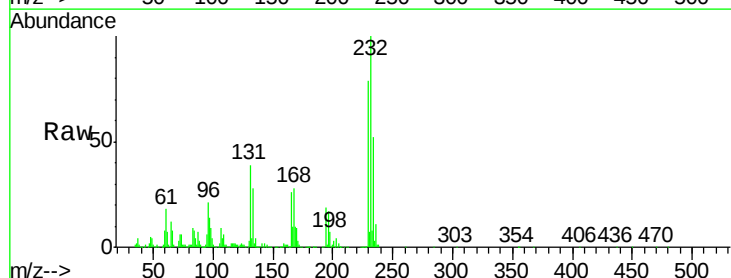
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:166 Resp: 1550478
 Ion Ratio Lower Upper
 166 100
 165 99.4 81.0 121.6
 167 14.7 12.0 18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.45 ng
 RT: 15.34 min Scan# 2129
 Delta R.T. -0.07 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

Tgt Ion:232 Resp: 435771
 Ion Ratio Lower Upper
 232 100
 131 40.3 32.7 49.1
 130 2.8 2.6 3.8
 166 25.0 23.0 34.6

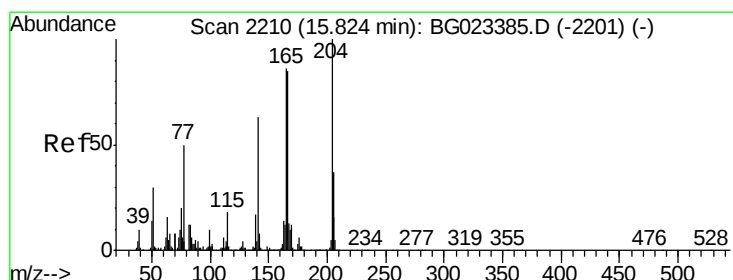
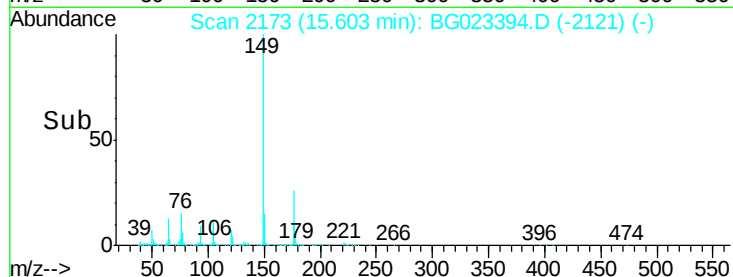
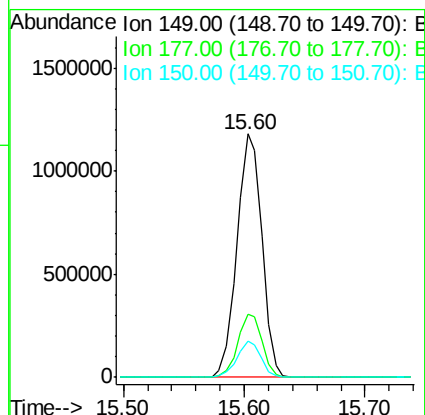
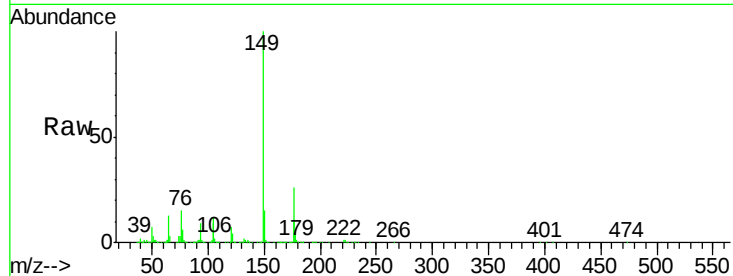




#59
Diethylphthalate
Concen: 40.21 ng
RT: 15.60 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

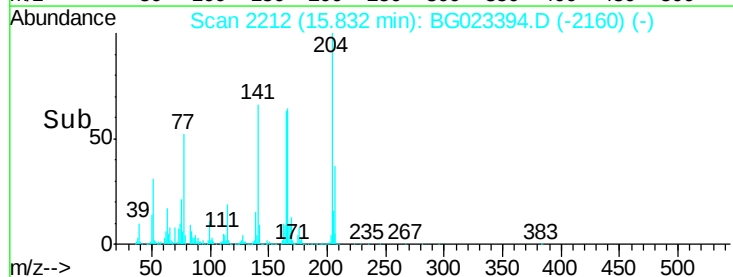
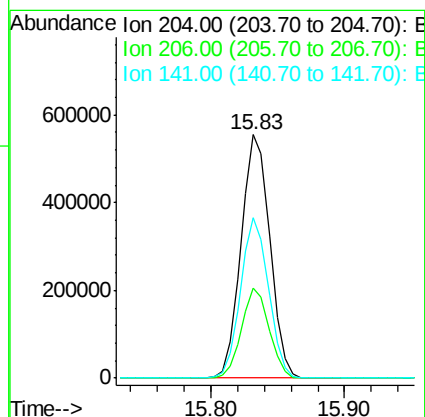
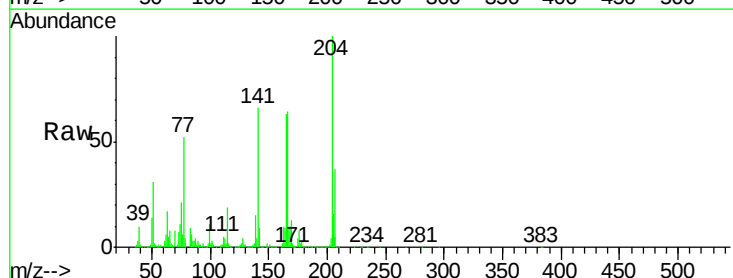
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

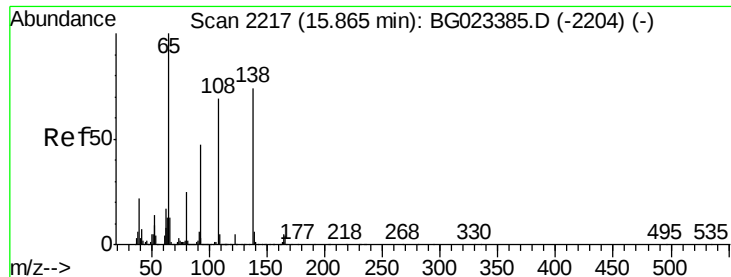
Tot Ion:149 Resp: 1695223
Ion Ratio Lower Upper
149 100
177 25.8 19.2 28.8
150 14.7 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 38.25 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion:204 Resp: 822158
Ion Ratio Lower Upper
204 100
206 36.9 28.5 42.7
141 65.7 51.4 77.0

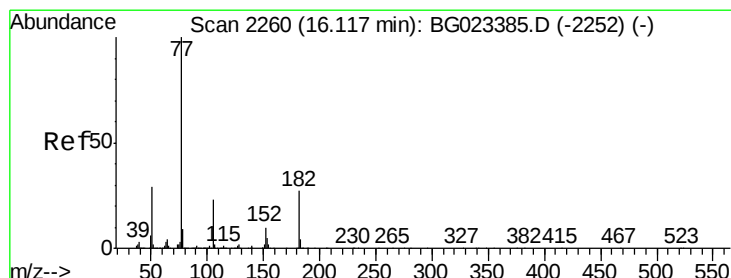
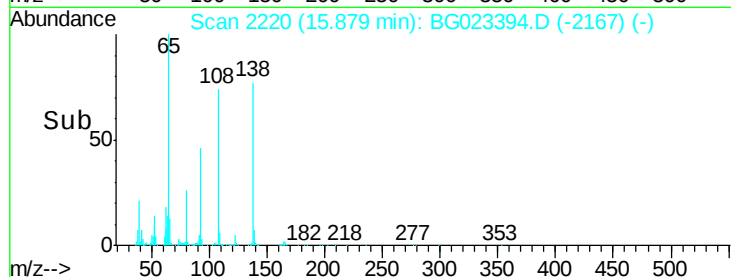
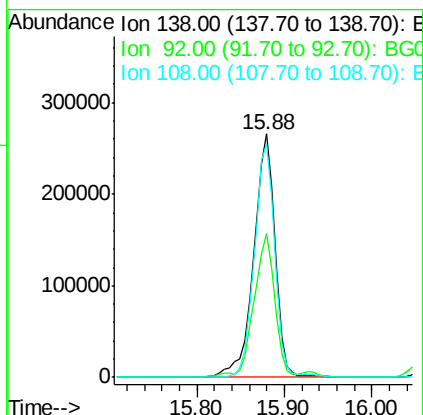
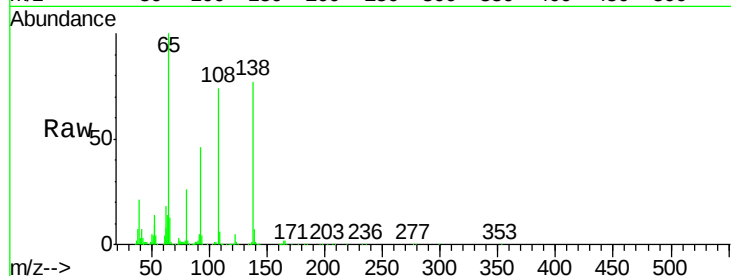




#61
4-Nitroaniline
Concen: 37.48 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

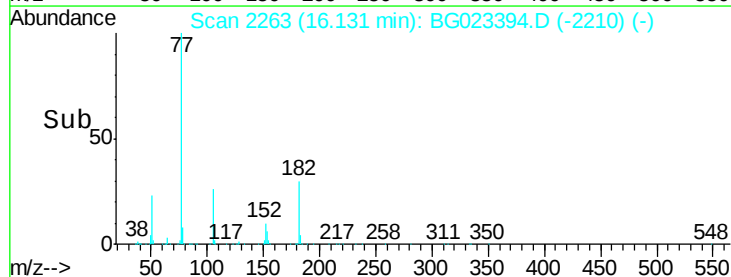
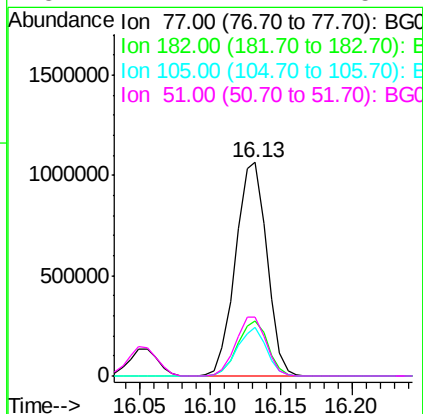
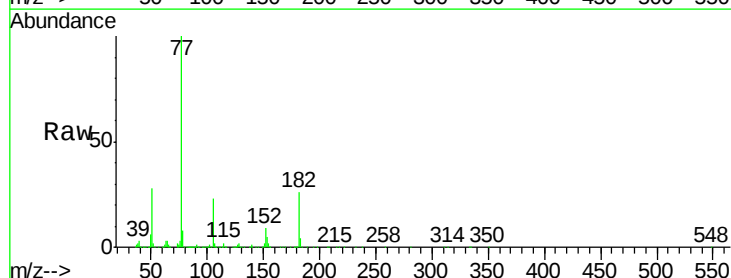
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

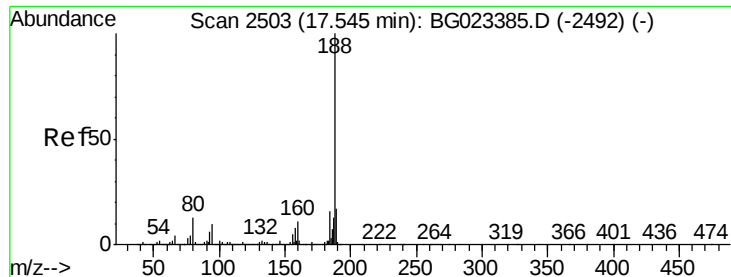
Tot Ion:138 Resp: 442594
Ion Ratio Lower Upper
138 100
92 59.2 54.1 94.1
108 96.1 133.9 173.9#



#62
Azobenzene
Concen: 38.47 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion: 77 Resp: 1643909
Ion Ratio Lower Upper
77 100
182 26.0 3.5 43.5
105 22.7 0.0 38.5
51 27.7 17.1 57.1

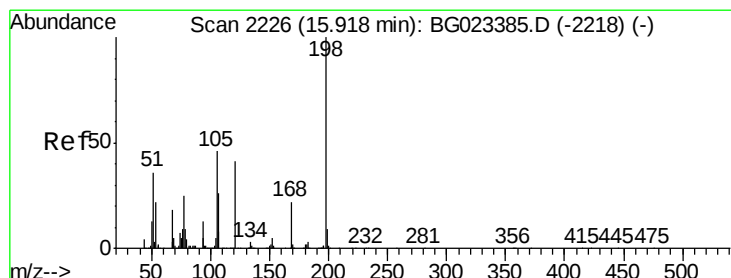
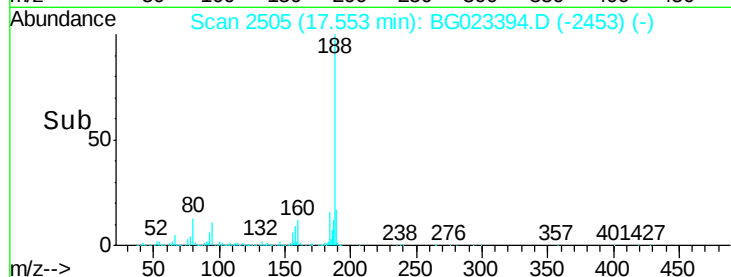
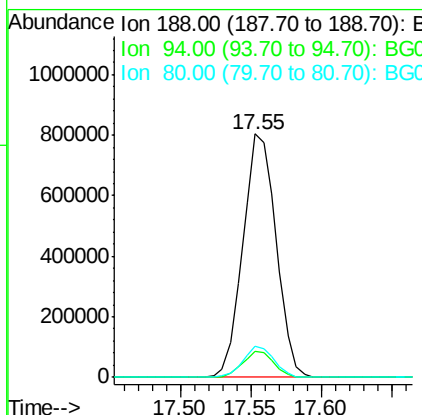
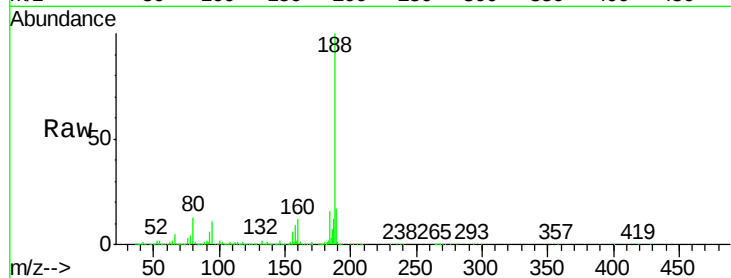




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

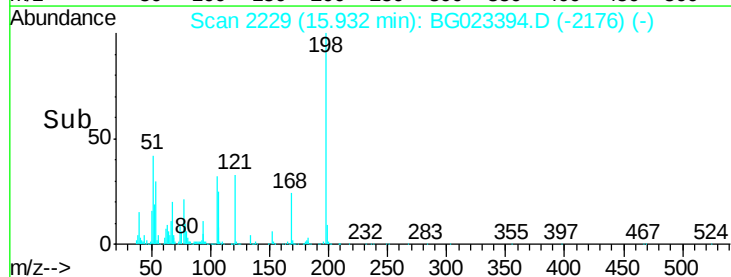
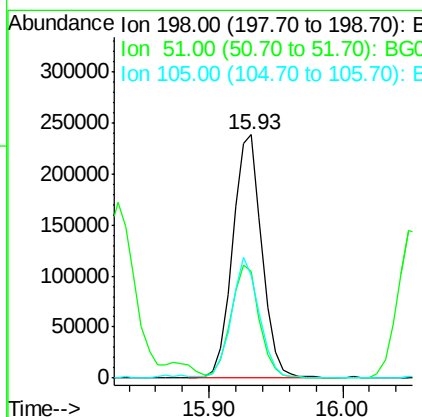
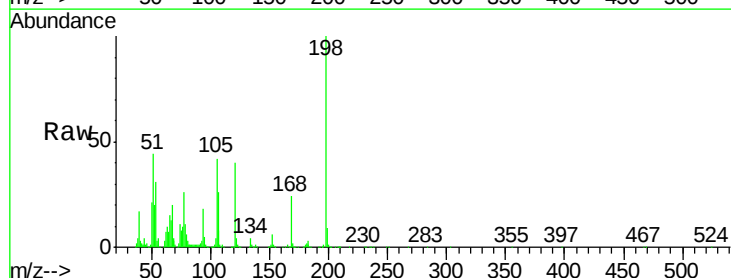
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

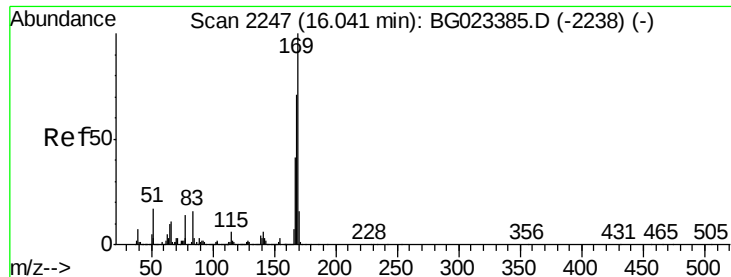
Tot Ion:188 Resp: 1324208
Ion Ratio Lower Upper
188 100
94 10.6 5.2 7.8#
80 12.7 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.18 ng
RT: 15.93 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion:198 Resp: 361747
Ion Ratio Lower Upper
198 100
51 43.6 26.0 66.0
105 42.1 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 36.42 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

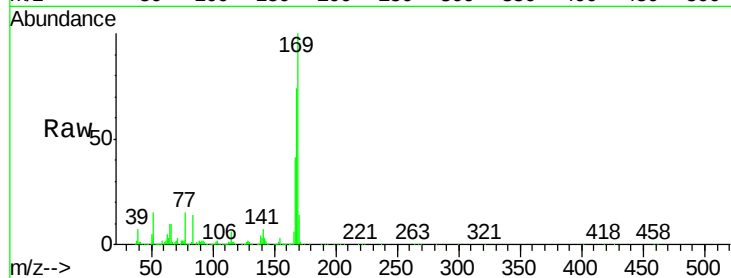
Tot Ion:169 Resp: 1414683

Ion Ratio Lower Upper

169 100

168 73.7 55.0 82.4

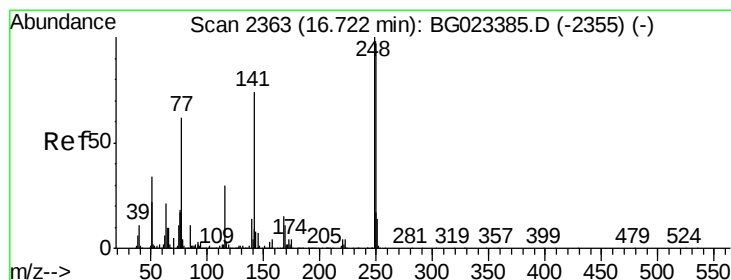
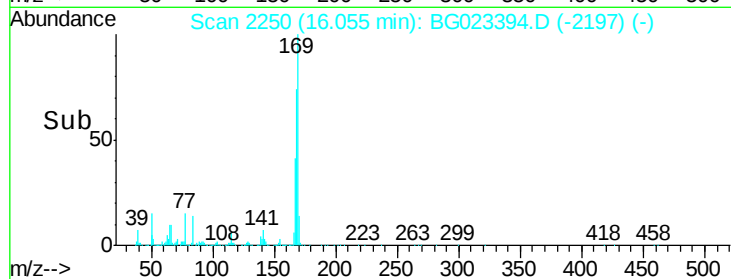
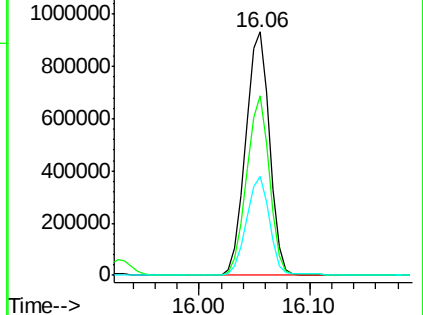
167 40.9 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.50 ng

RT: 16.73 min Scan# 2365

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

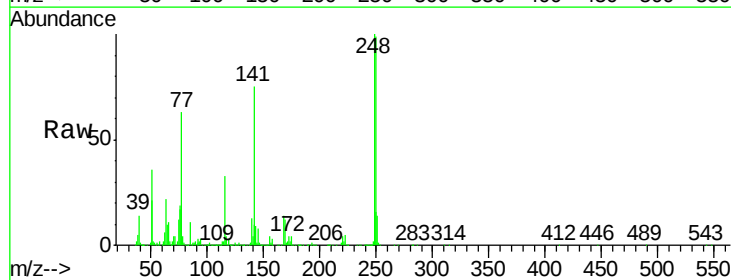
Tgt Ion:248 Resp: 594231

Ion Ratio Lower Upper

248 100

250 99.5 77.8 116.8

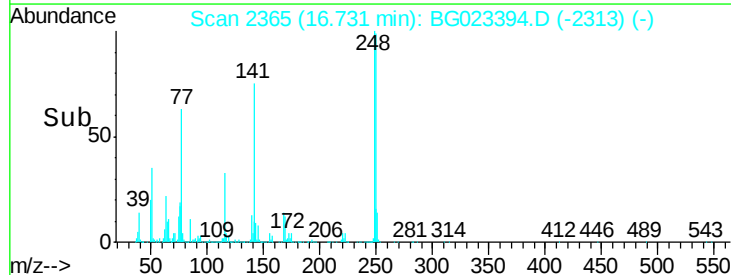
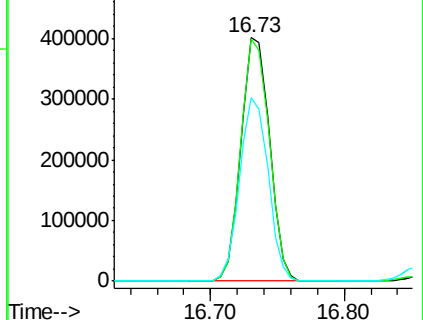
141 75.2 65.7 98.5

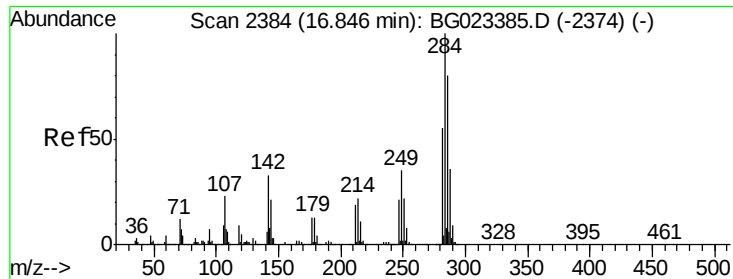


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

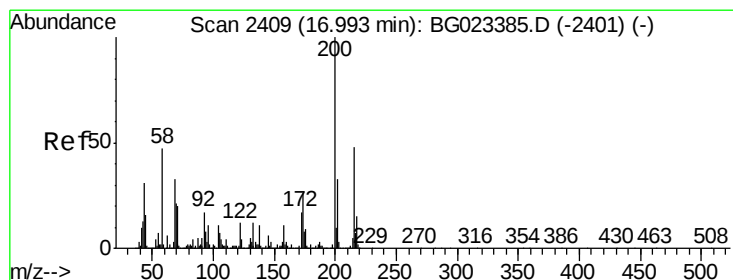
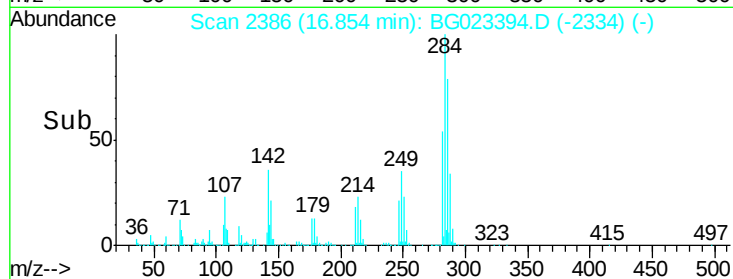
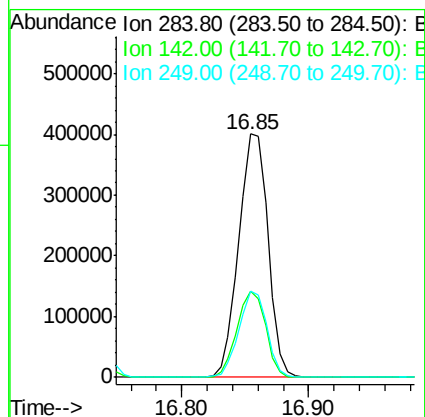
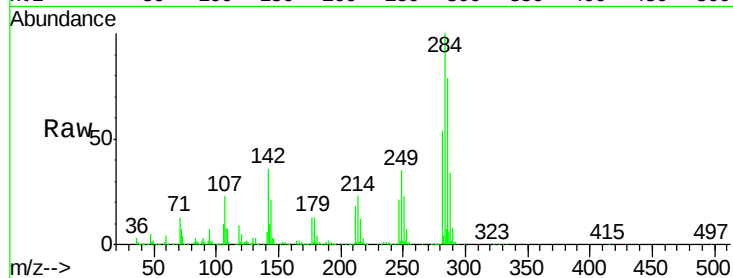




#67
Hexachlorobenzene
Concen: 37.96 ng
RT: 16.85 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

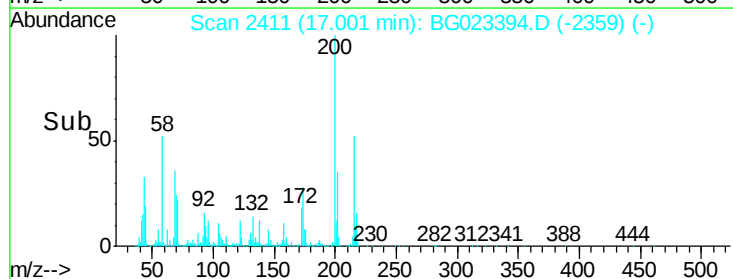
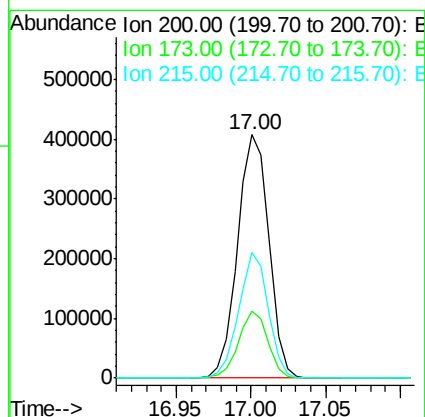
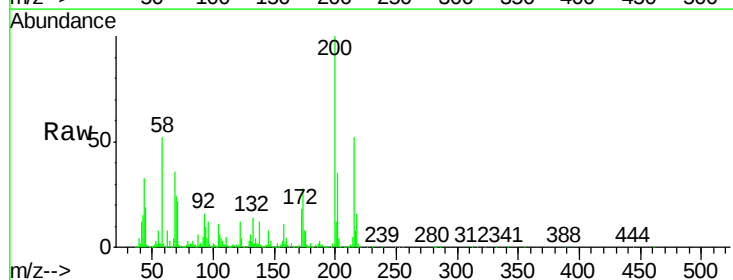
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

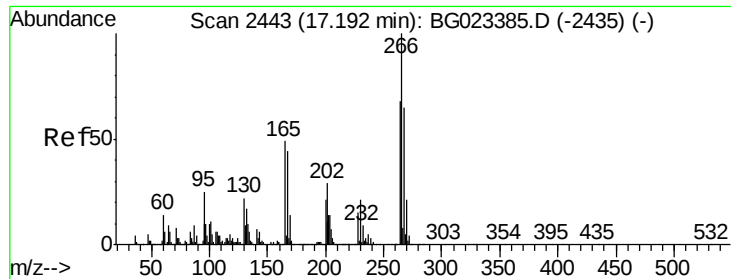
Tot Ion:284 Resp: 641020
Ion Ratio Lower Upper
284 100
142 35.5 26.8 40.2
249 35.2 28.9 43.3



#68
Atrazine
Concen: 39.78 ng
RT: 17.00 min Scan# 2411
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion:200 Resp: 593319
Ion Ratio Lower Upper
200 100
173 27.7 1.6 41.6
215 51.7 28.7 68.7

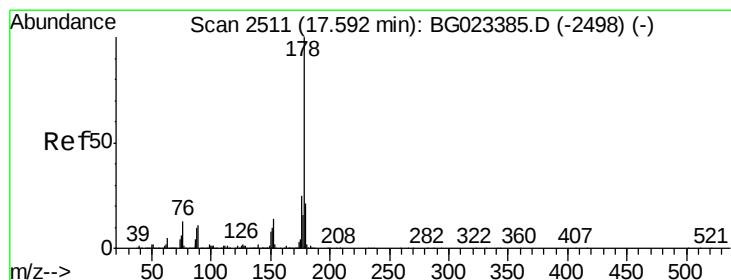
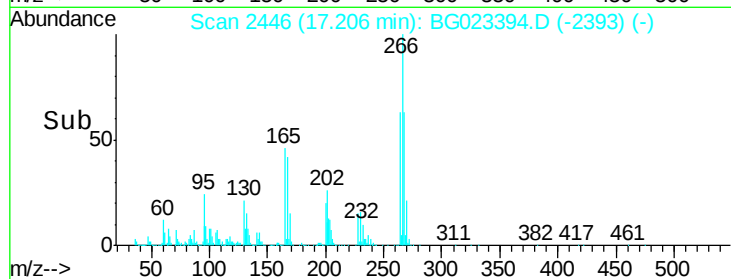
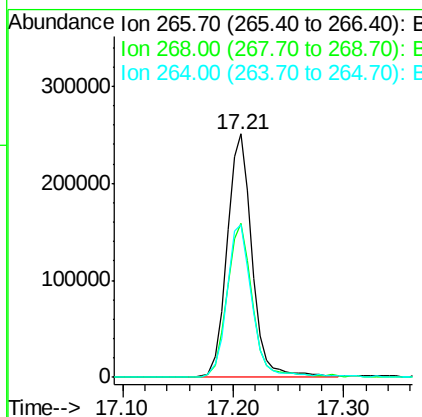
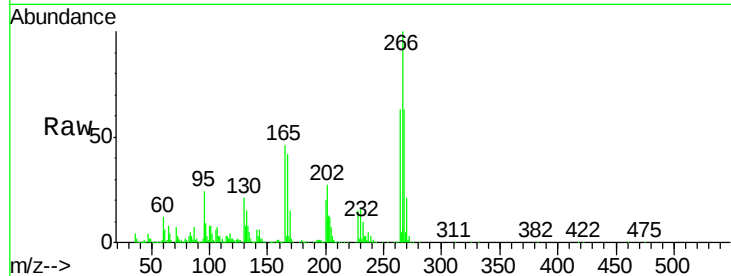




#69
 Pentachlorophenol
 Concen: 40.24 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

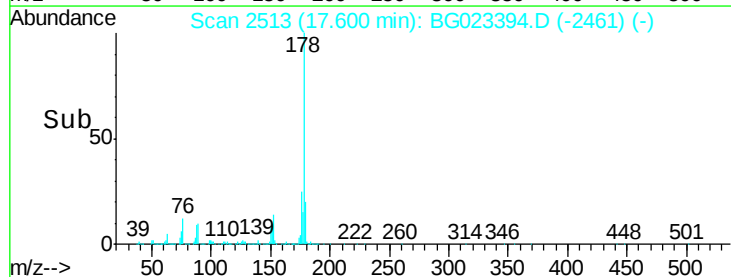
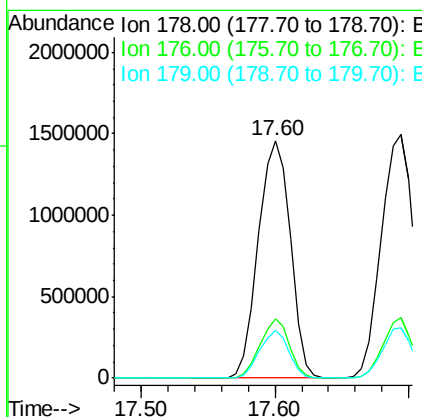
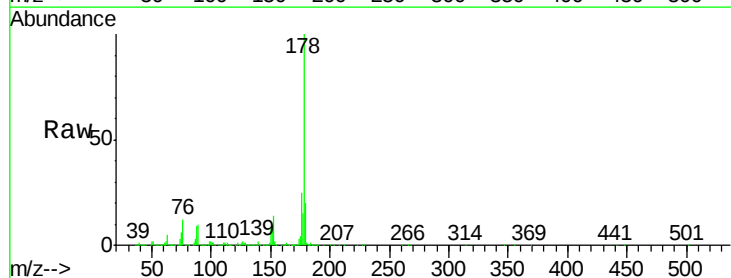
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

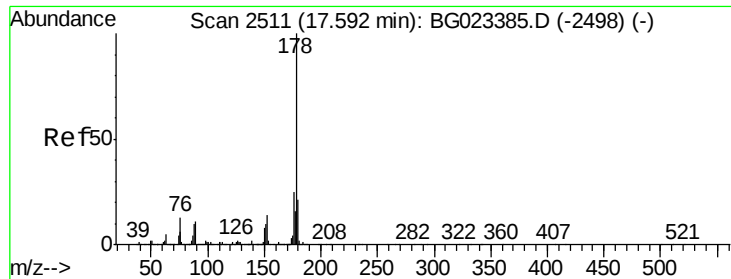
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.9	77.9
264	62.9	50.6	75.8



#70
 Phenanthrene
 Concen: 35.94 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.1	16.8	25.2
179	20.3	14.3	21.5

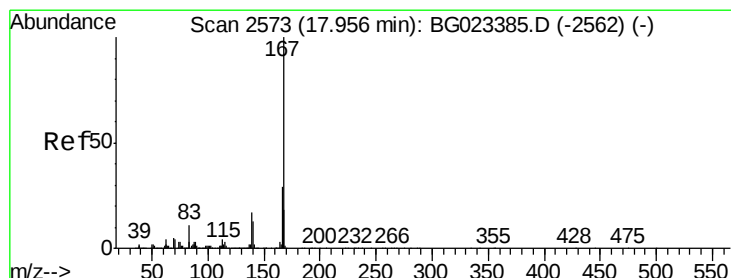
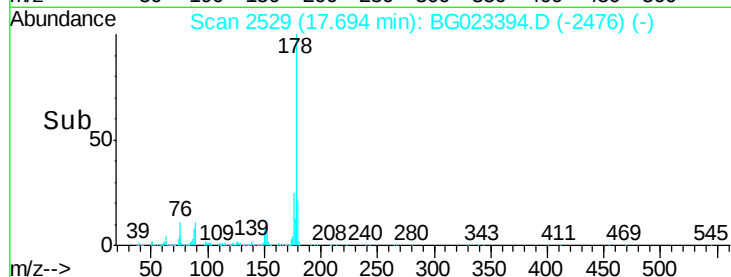
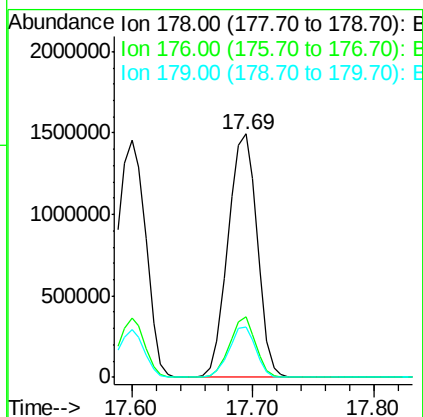
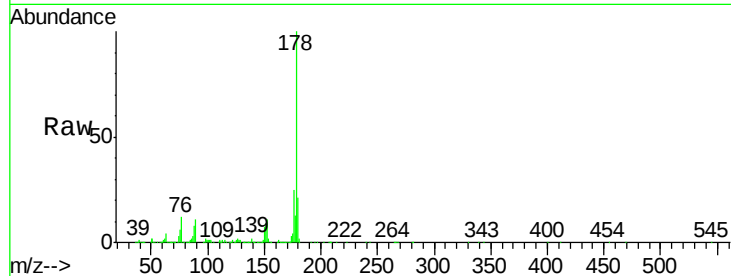




#71
 Anthracene
 Concen: 37.07 ng
 RT: 17.69 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

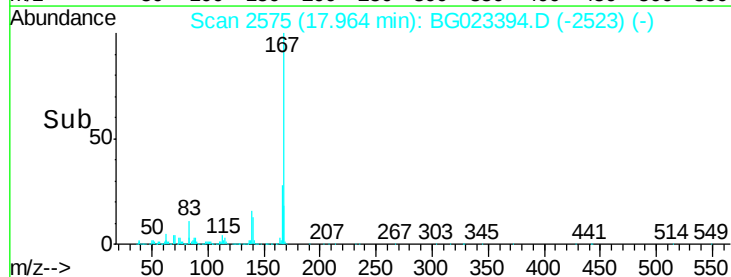
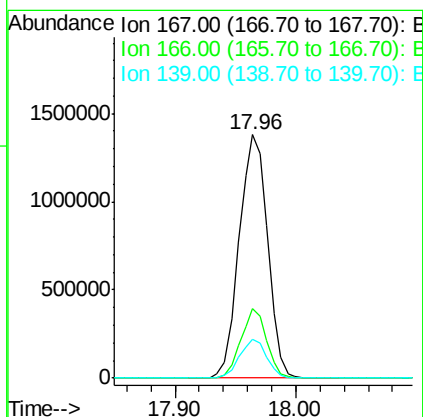
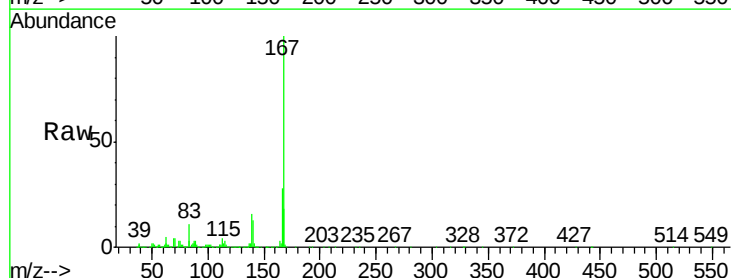
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

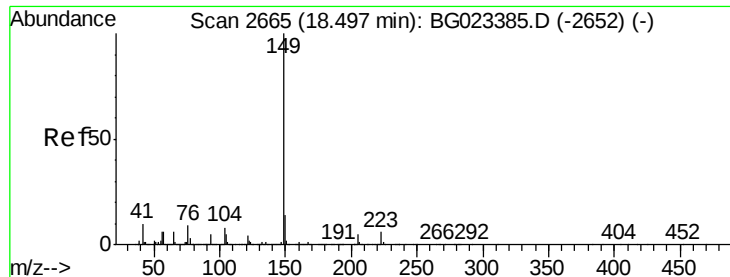
Tot Ion:178 Resp: 2505077
 Ion Ratio Lower Upper
 178 100
 176 24.7 17.3 25.9
 179 20.7 14.0 21.0



#72
 Carbazole
 Concen: 38.16 ng
 RT: 17.96 min Scan# 2575
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

Tgt Ion:167 Resp: 2264532
 Ion Ratio Lower Upper
 167 100
 166 28.3 20.7 31.1
 139 16.0 11.9 17.9

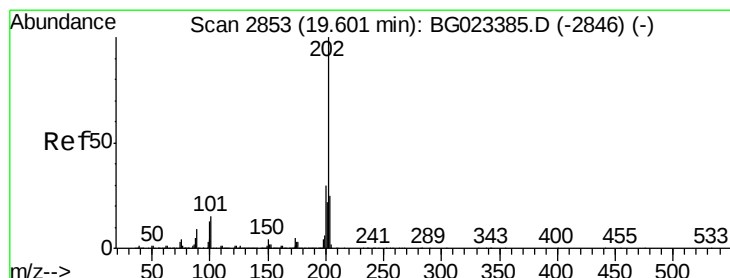
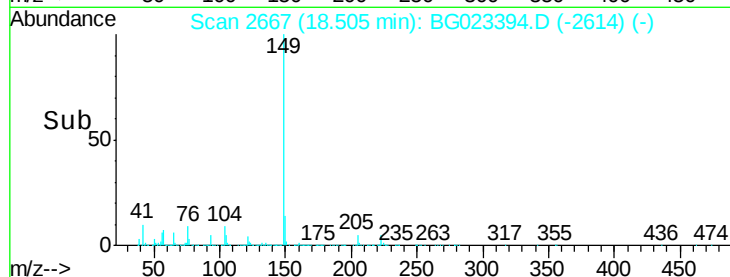
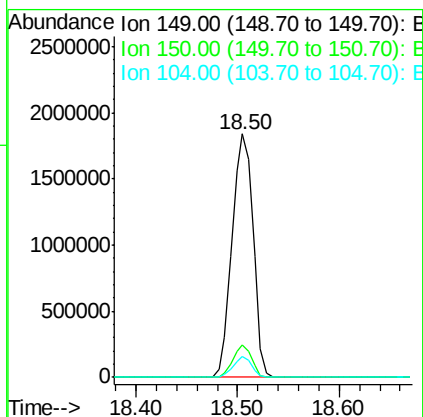
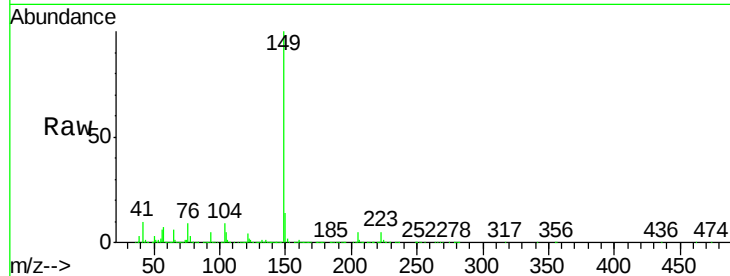




#73
Di-n-butylphthalate
Concen: 43.91 ng
RT: 18.50 min Scan# 2667
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

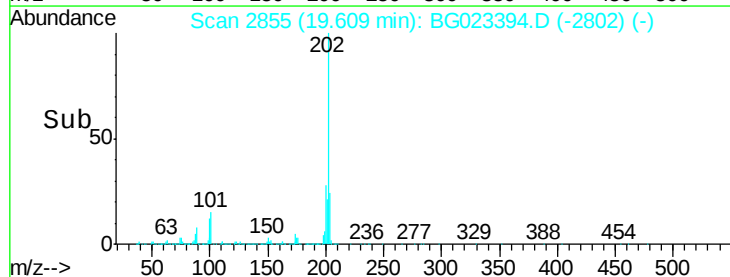
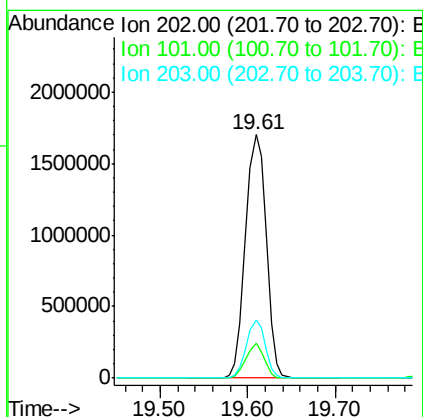
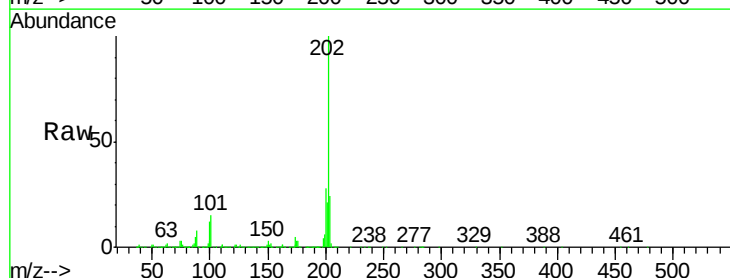
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

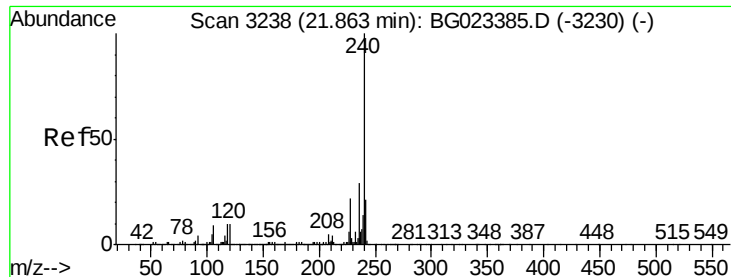
Tot Ion:149 Resp: 2654027
Ion Ratio Lower Upper
149 100
150 13.5 9.1 13.7
104 8.8 6.9 10.3



#74
Fluoranthene
Concen: 42.32 ng
RT: 19.61 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion:202 Resp: 2706124
Ion Ratio Lower Upper
202 100
101 14.6 0.0 27.4
203 23.9 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3240

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

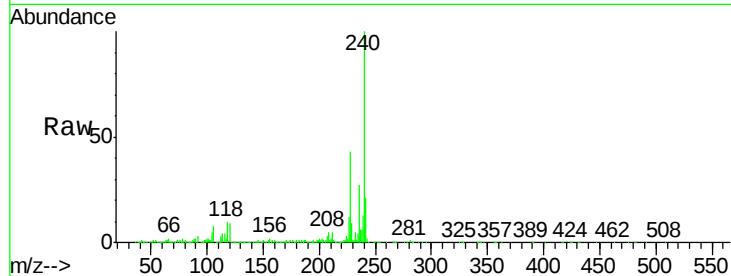
Tot Ion:240 Resp: 1120776

Ion Ratio Lower Upper

240 100

120 9.2 4.1 6.1#

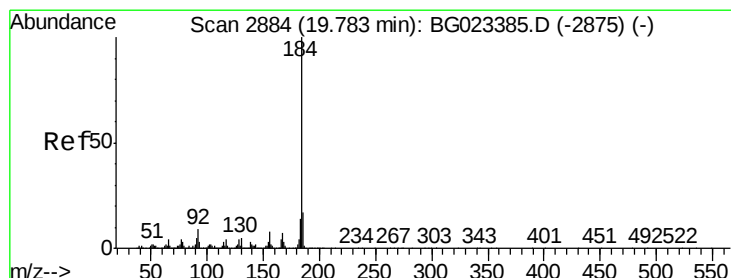
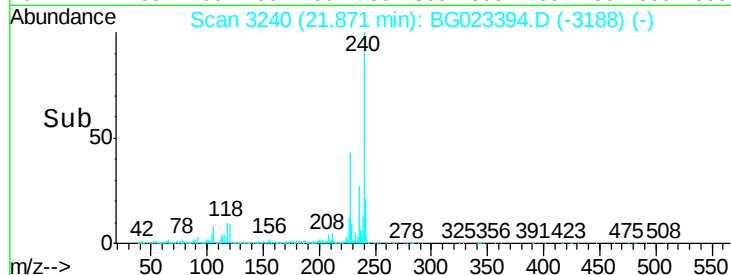
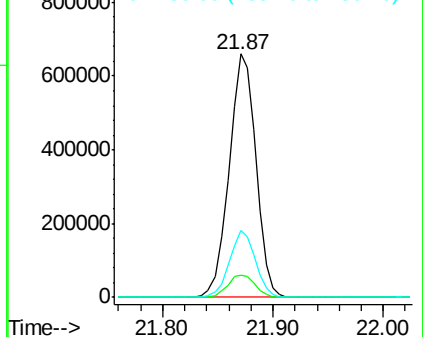
236 27.4 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.61 ng

RT: 19.79 min Scan# 2886

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

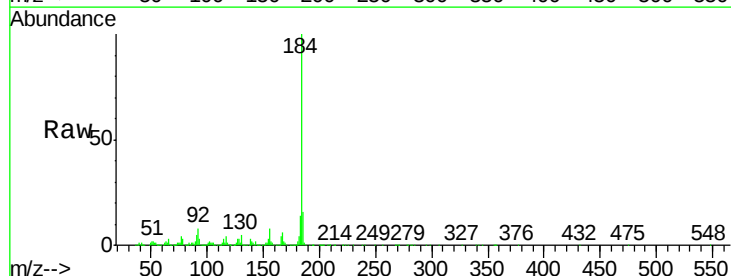
Tgt Ion:184 Resp: 1389786

Ion Ratio Lower Upper

184 100

185 15.9 12.6 19.0

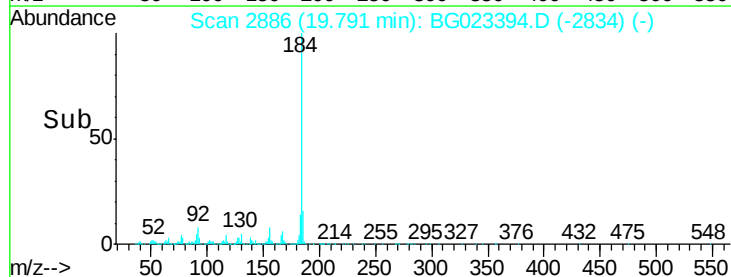
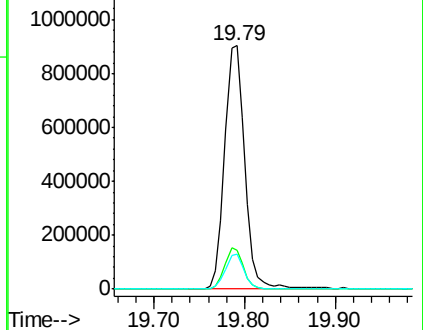
183 14.3 10.7 16.1

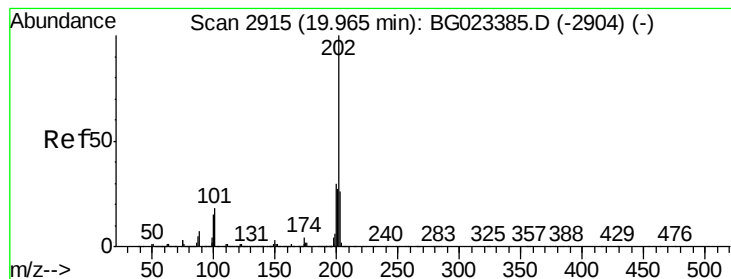


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.19 ng

RT: 19.97 min Scan# 2917

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

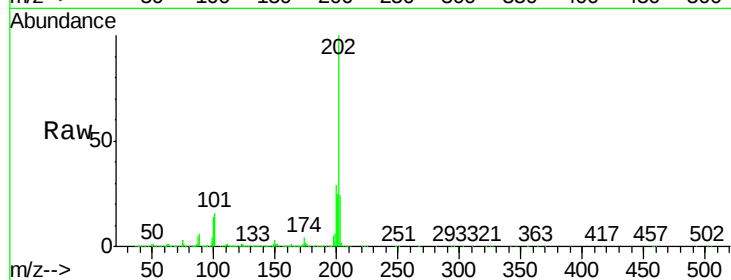
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2661708

Ion	Ratio	Lower	Upper
202	100		
200	29.3	21.2	31.8
203	24.3	16.8	25.2

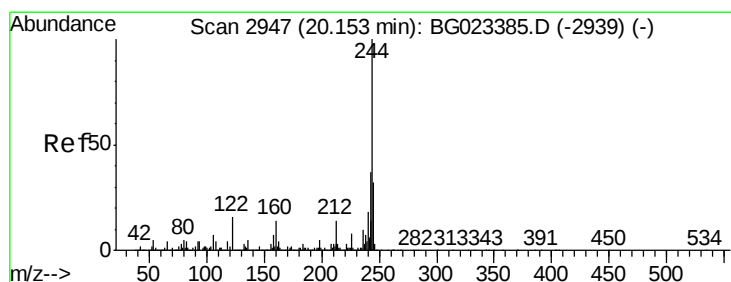
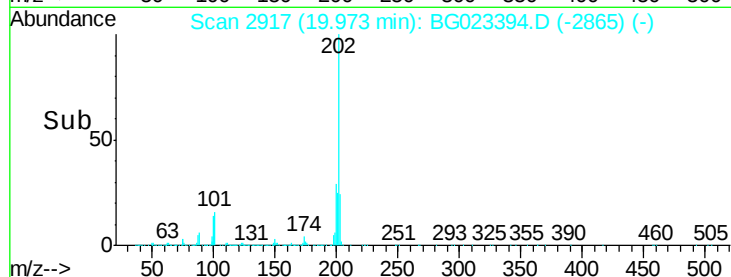
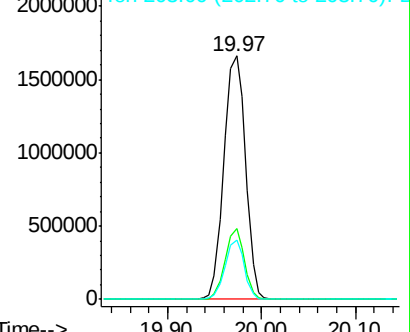


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.73 ng

RT: 20.16 min Scan# 2949

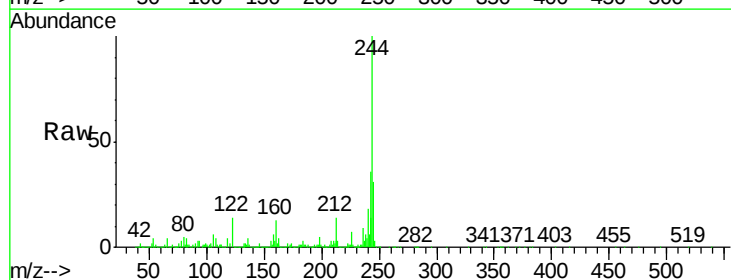
Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Tgt Ion:244 Resp: 2953600

Ion	Ratio	Lower	Upper
244	100		
212	13.8	10.8	16.2
122	14.4	8.0	12.0

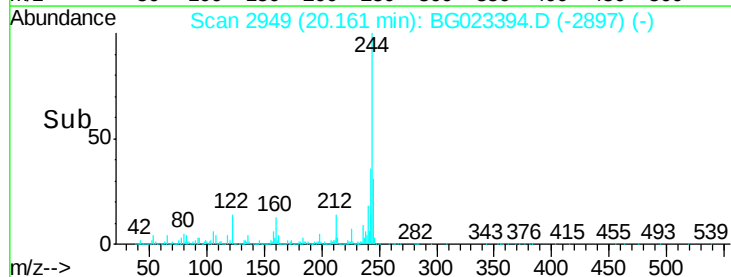
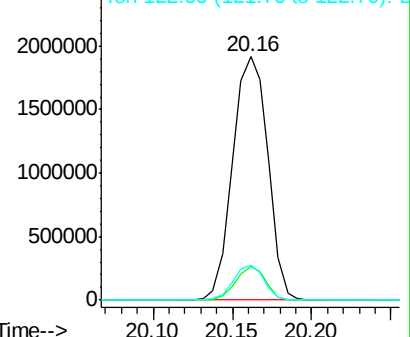


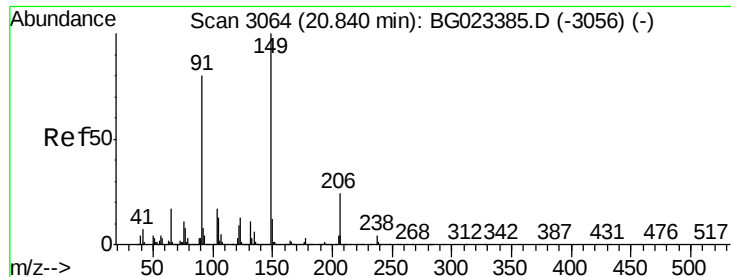
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

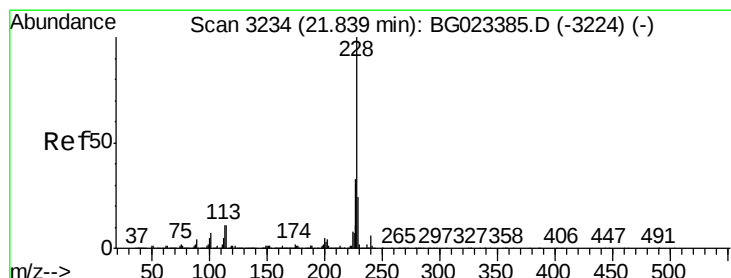
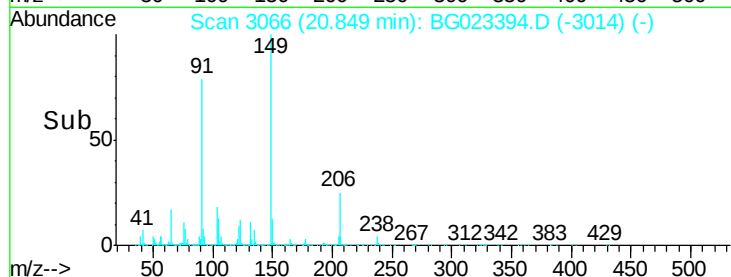
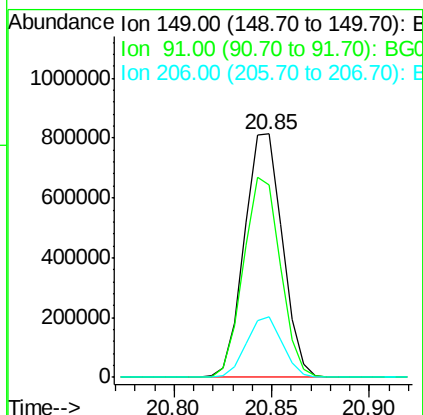
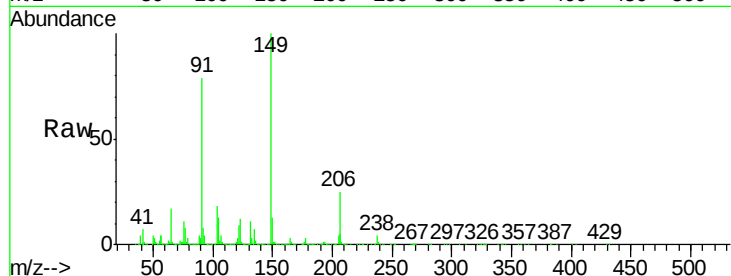




#79
Butylbenzylphthalate
Concen: 40.72 ng
RT: 20.85 min Scan# 3066
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

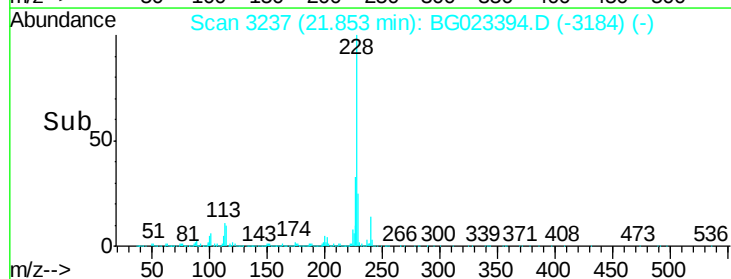
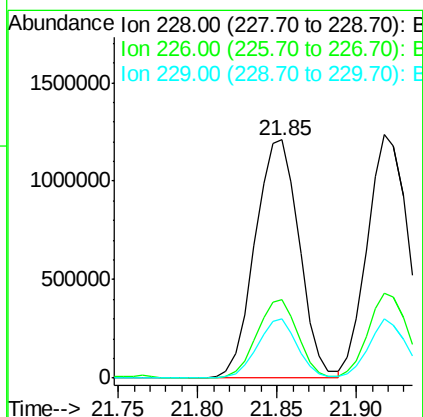
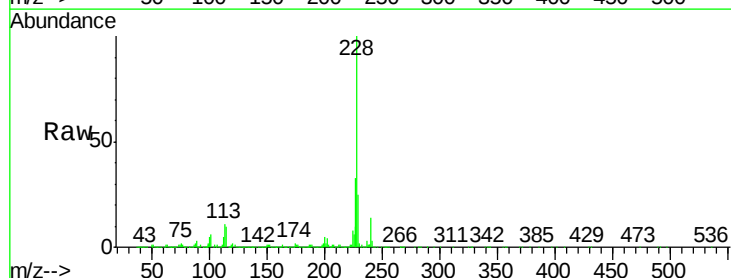
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

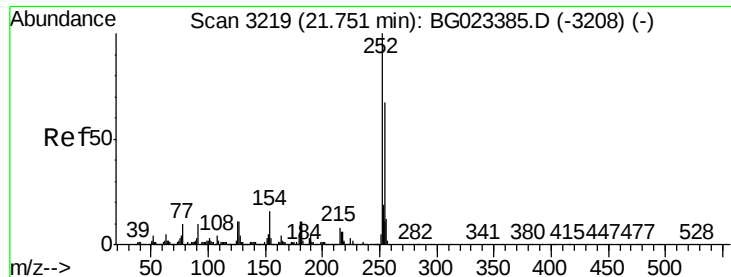
Tot Ion:149 Resp: 1098904
Ion Ratio Lower Upper
149 100
91 79.3 68.1 102.1
206 25.1 19.8 29.6



#80
Benzo(a)anthracene
Concen: 37.75 ng
RT: 21.85 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG023394.D
Acq: 2 Aug 2016 9:54

Tgt Ion:228 Resp: 2335710
Ion Ratio Lower Upper
228 100
226 33.0 25.3 37.9
229 24.7 19.9 29.9

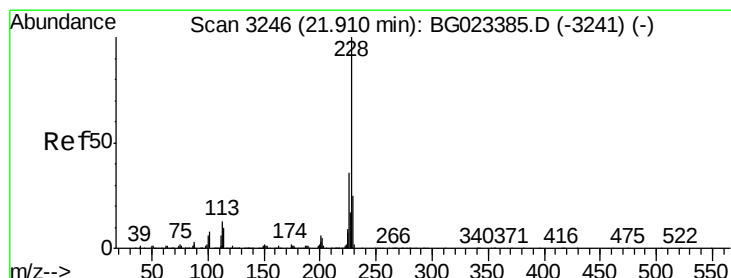
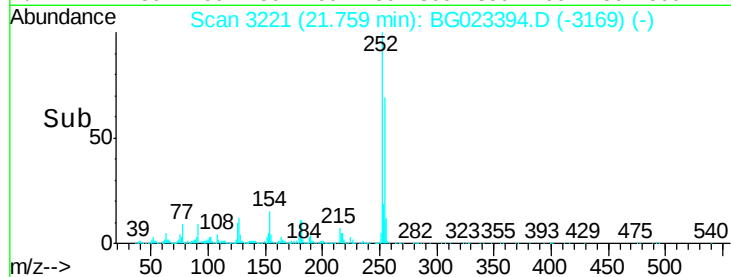
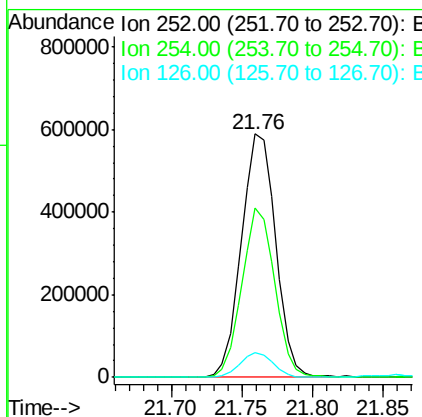
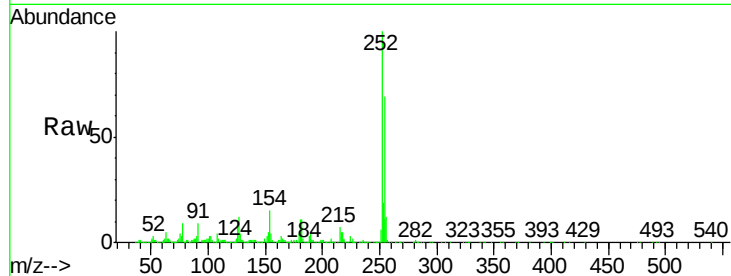




#81
 3,3'-Dichlorobenzidine
 Concen: 39.64 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

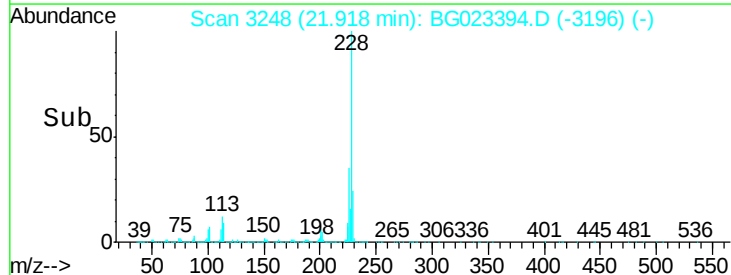
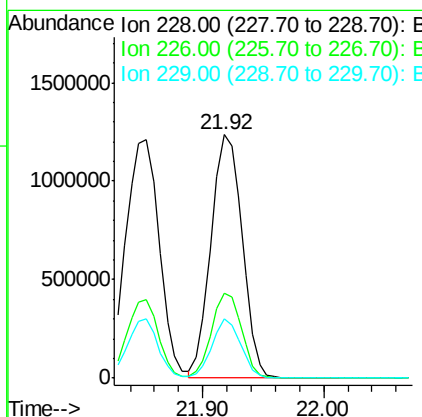
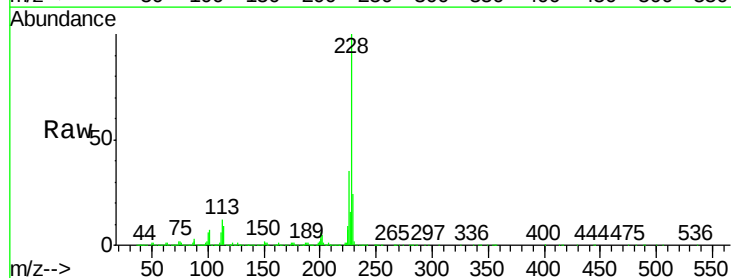
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

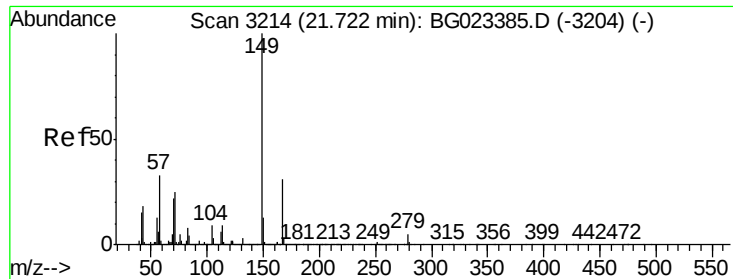
Tot Ion:252 Resp: 1005837
 Ion Ratio Lower Upper
 252 100
 254 69.4 51.2 76.8
 126 10.3 5.3 7.9#



#82
 Chrysene
 Concen: 37.48 ng
 RT: 21.92 min Scan# 3248
 Delta R.T. 0.01 min
 Lab File: BG023394.D
 Acq: 2 Aug 2016 9:54

Tgt Ion:228 Resp: 2205935
 Ion Ratio Lower Upper
 228 100
 226 35.1 26.7 40.1
 229 24.4 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.38 ng

RT: 21.73 min Scan# 3216

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

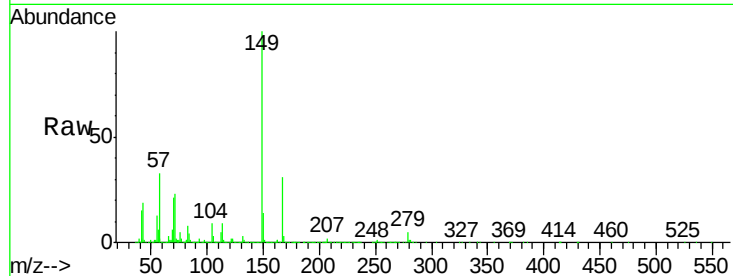
Tot Ion:149 Resp: 1455265

Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.0	36.0
279	4.9	4.8	7.2

149 100

167 30.6 24.0 36.0

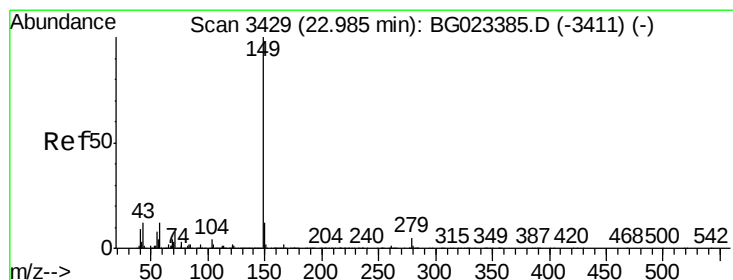
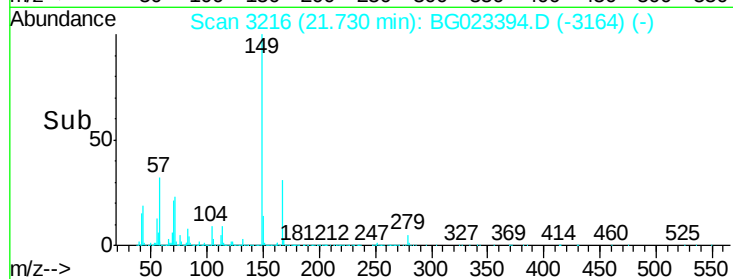
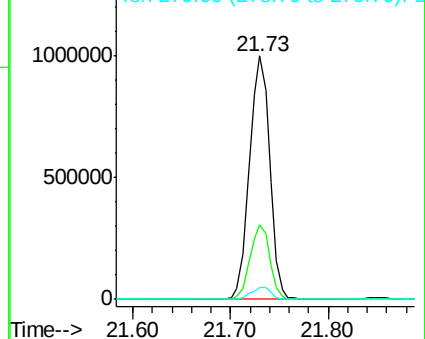
279 4.9 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.85 ng

RT: 23.00 min Scan# 3432

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

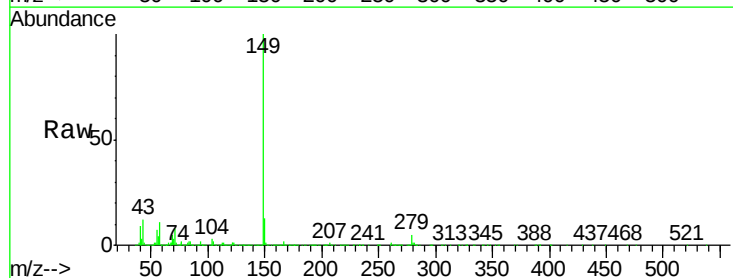
Tgt Ion:149 Resp: 2450364

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	10.4	8.8	13.2

149 100

167 1.8 1.5 2.3

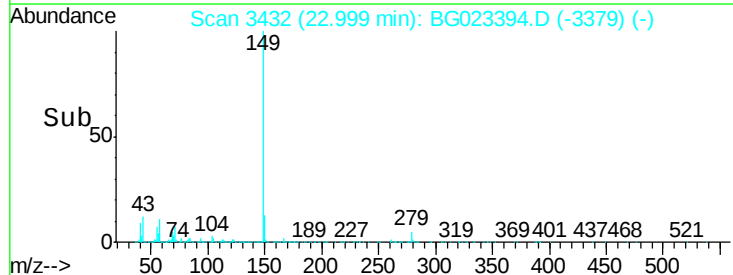
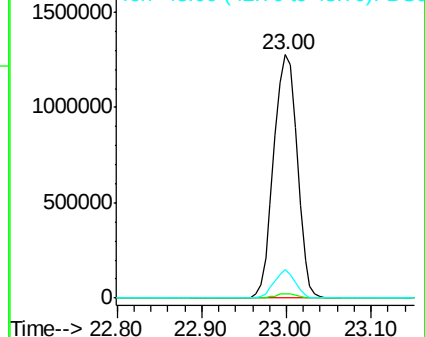
43 10.4 8.8 13.2

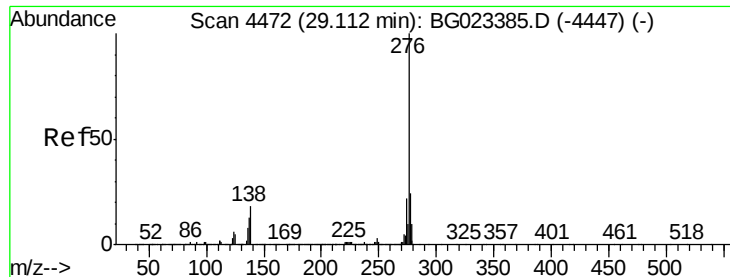


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.67 ng

RT: 29.14 min Scan# 4477

Delta R.T. 0.03 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

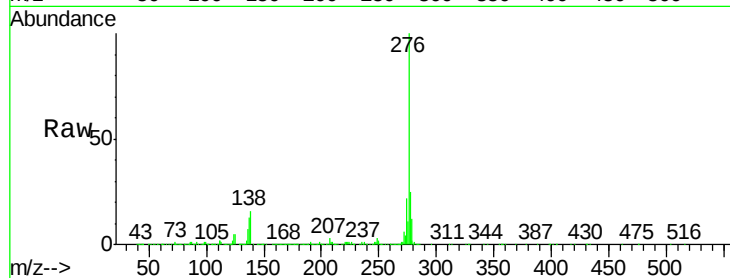
Tot Ion:276 Resp: 2991399

Ion Ratio Lower Upper

276 100

138 12.7 0.0 0.0#

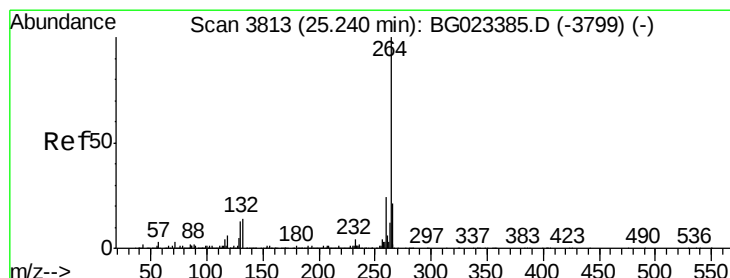
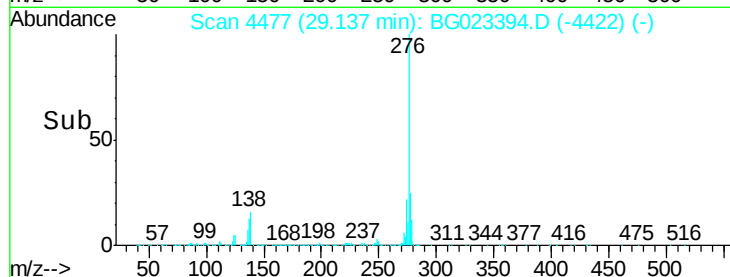
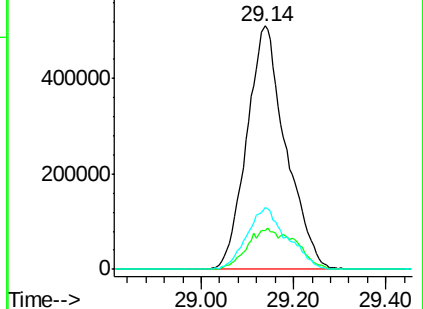
277 26.3 0.0 0.0#



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: 25.26 min Scan# 3817

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

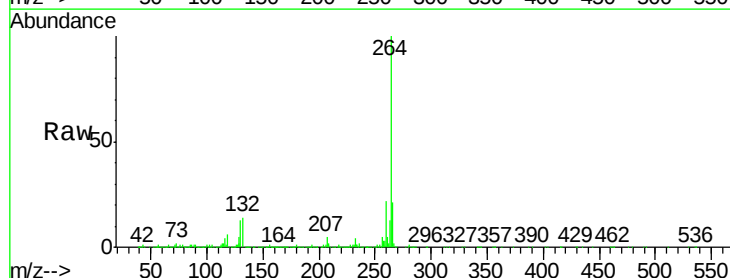
Tgt Ion:264 Resp: 1173886

Ion Ratio Lower Upper

264 100

260 21.6 18.4 27.6

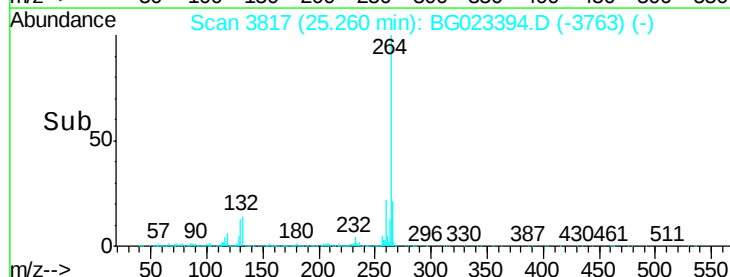
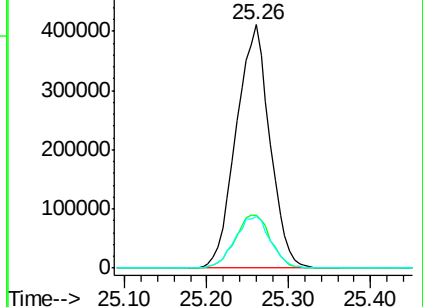
265 21.4 18.9 28.3

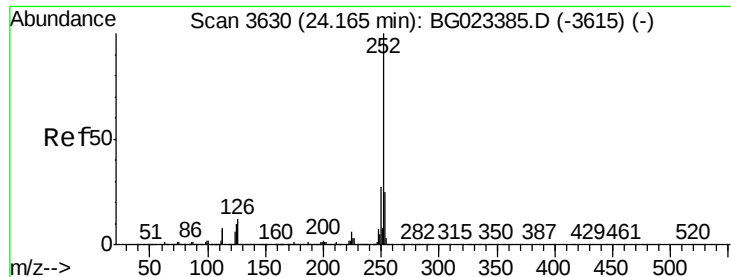


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.87 ng

RT: 24.18 min Scan# 3633

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

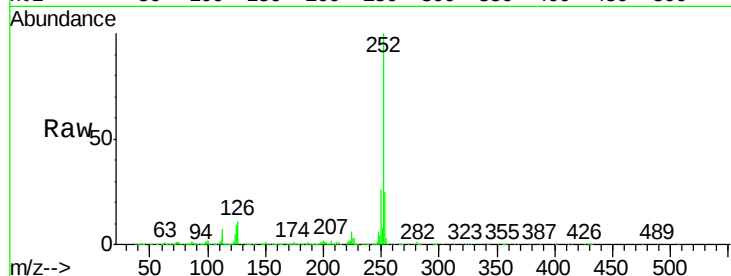
Tot Ion:252 Resp: 2501015

Ion Ratio Lower Upper

252 100

253 24.9 18.9 28.3

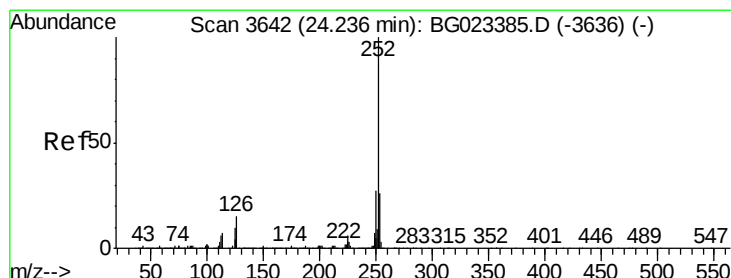
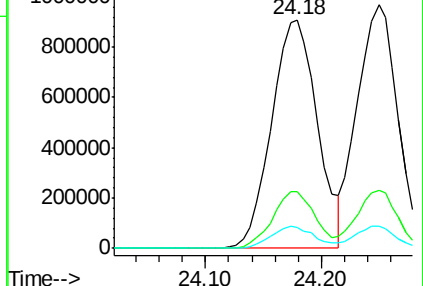
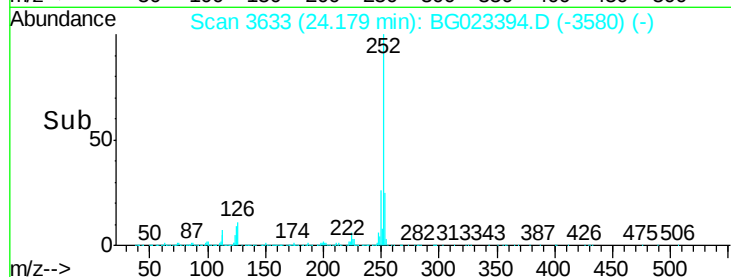
125 9.0 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.19 ng

RT: 24.25 min Scan# 3645

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

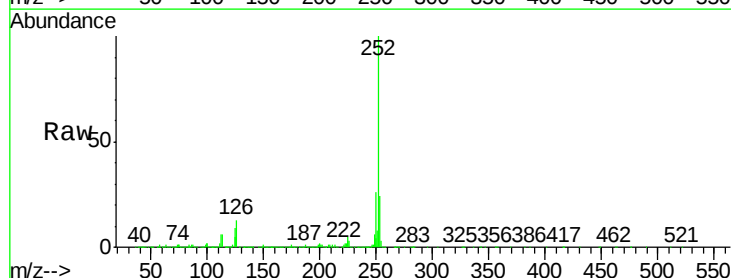
Tgt Ion:252 Resp: 2359340

Ion Ratio Lower Upper

252 100

253 23.7 18.8 28.2

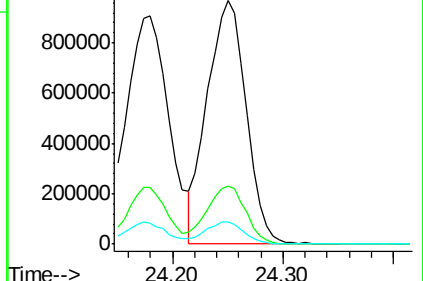
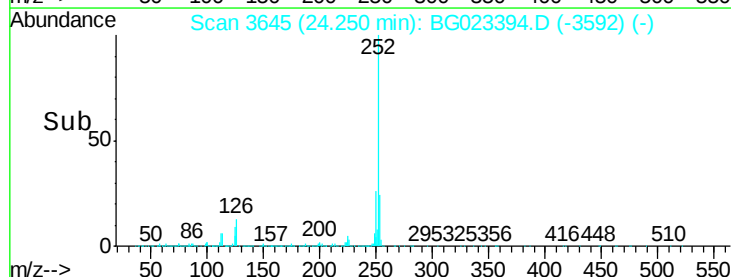
125 9.0 3.2 4.8#

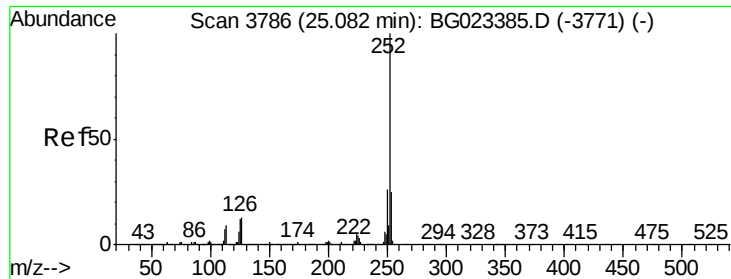


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.46 ng

RT: 25.10 min Scan# 3789

Delta R.T. 0.01 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

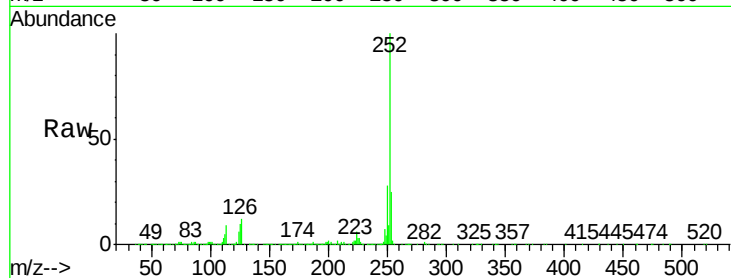
Tot Ion:252 Resp: 2415999

Ion Ratio Lower Upper

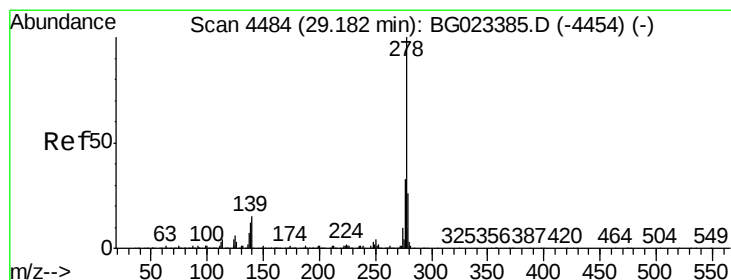
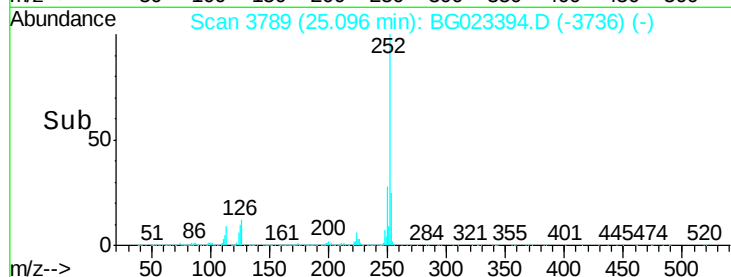
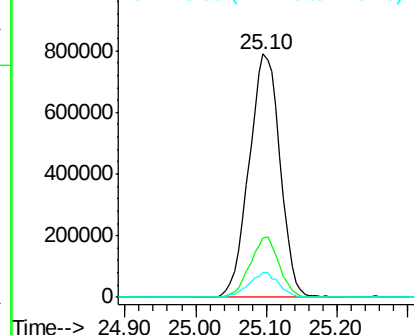
252 100

253 24.6 18.7 28.1

125 10.4 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.33 ng

RT: 29.20 min Scan# 4488

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

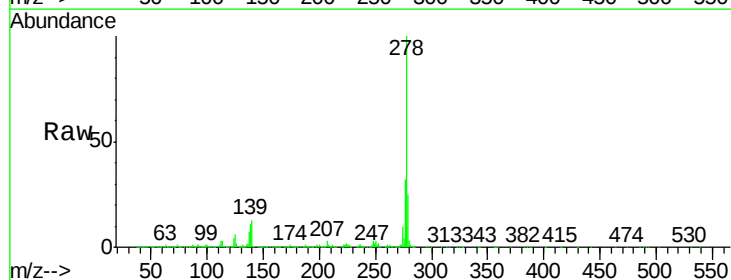
Tgt Ion:278 Resp: 2459479

Ion Ratio Lower Upper

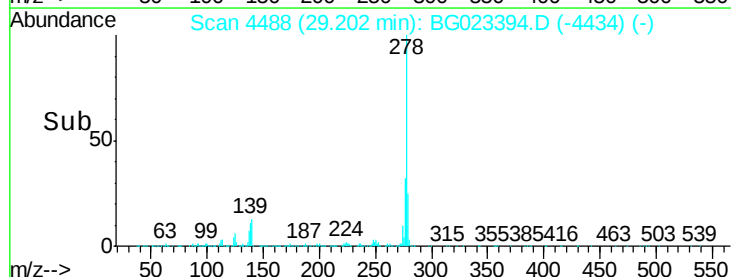
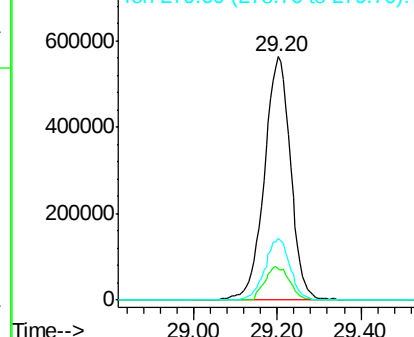
278 100

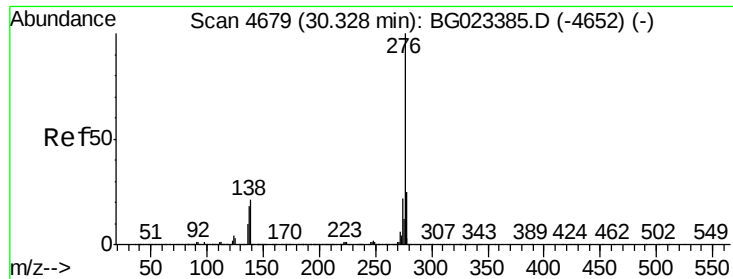
139 13.0 4.7 7.1#

279 25.4 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.21 ng

RT: 30.35 min Scan# 4683

Delta R.T. 0.02 min

Lab File: BG023394.D

Acq: 2 Aug 2016 9:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 2469245

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 18.0 6.8 10.2#

