

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
 Data File : BG023730.D
 Acq On : 16 Aug 2016 15:49
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 17 01:02:50 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	8.11	152	94703	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	436139	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	292546	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	713574	20.00	ng	0.00
75) Chrysene-d12	21.87	240	744414	20.00	ng	0.00
86) Perylene-d12	25.27	264	735504	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	457291	81.28	ng	-0.02
7) Phenol-d6	7.26	99	713711	81.45	ng	-0.01
23) Nitrobenzene-d5	9.29	82	712840	81.26	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	343897	80.37	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1442906	83.19	ng	0.00
78) Terphenyl-d14	20.16	244	2042477	86.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	82176	34.28	ng	95
3) Pyridine	3.91	79	282336	35.84	ng	97
4) n-Nitrosodimethylamine	3.82	42	120552	41.28	ng	# 82
6) Aniline	7.42	93	444319	35.09	ng	95
8) 2-Chlorophenol	7.67	128	252090	39.00	ng	98
9) Benzaldehyde	7.23	77	198759	39.78	ng	93
10) Phenol	7.29	94	356586	38.04	ng	82
11) bis(2-Chloroethyl)ether	7.51	93	281000	37.58	ng	93
12) 1,3-Dichlorobenzene	7.99	146	286570	38.72	ng	94
13) 1,4-Dichlorobenzene	8.14	146	287824	37.99	ng	93
14) 1,2-Dichlorobenzene	8.46	146	276973	37.27	ng	96
15) Benzyl Alcohol	8.35	79	287519	43.30	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	404758	36.80	ng	90
17) 2-Methylphenol	8.55	107	244807	38.95	ng	# 86
18) Hexachloroethane	9.19	117	113907	39.95	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	287246	38.11	ng	98
20) 3+4-Methylphenols	8.88	107	342685	38.68	ng	88
22) Acetophenone	8.94	105	470218	39.38	ng	# 90
24) Nitrobenzene	9.33	77	411792	42.39	ng	93
25) Isophorone	9.85	82	763592	41.79	ng	97
26) 2-Nitrophenol	10.05	139	173968	42.43	ng	# 84
27) 2,4-Dimethylphenol	10.10	122	265979	38.10	ng	87
28) bis(2-Chloroethoxy)methane	10.33	93	390899	35.59	ng	98
29) 2,4-Dichlorophenol	10.59	162	280985	40.03	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	300006	39.63	ng	98
31) Naphthalene	11.00	128	851319	38.33	ng	99
32) Benzoic acid	10.25	122	165677	28.76	ng	94
33) 4-Chloroaniline	11.11	127	381309	35.92	ng	92
34) Hexachlorobutadiene	11.27	225	208561	41.89	ng	96
35) Caprolactam	11.90	113	116540	39.46	ng	96
36) 4-Chloro-3-methylphenol	12.24	107	357992	38.82	ng	92
37) 2-Methylnaphthalene	12.82	142	612998	36.30	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	433521	40.86	ng	99
40) Hexachlorocyclopentadiene	12.94	237	299643	56.01	ng	99

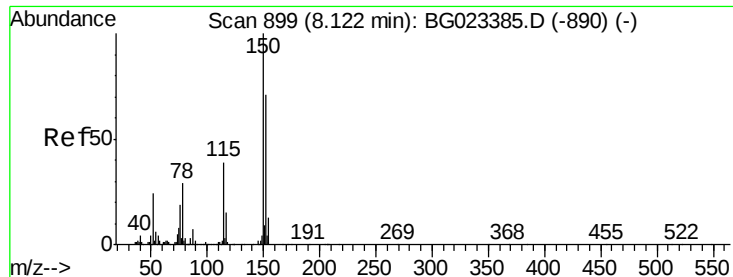
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
 Data File : BG023730.D
 Acq On : 16 Aug 2016 15:49
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
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Quant Time: Aug 17 01:02:50 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	252402	39.94	ng	99
43) 2,4,5-Trichlorophenol	13.29	196	264390	40.64	ng	91
45) 1,1'-Biphenyl	13.61	154	896932	40.11	ng	98
46) 2-Chloronaphthalene	13.66	162	684567	39.57	ng	97
47) 2-Nitroaniline	13.87	65	284095	39.55	ng	# 87
48) Acenaphthylene	14.51	152	1099924	40.22	ng	100
49) Dimethylphthalate	14.23	163	964038	42.95	ng	97
50) 2,6-Dinitrotoluene	14.36	165	212398	39.96	ng	87
51) Acenaphthene	14.85	154	682583	39.40	ng	99
52) 3-Nitroaniline	14.70	138	215999	36.04	ng	85
53) 2,4-Dinitrophenol	14.92	184	172546	50.64	ng	90
54) Dibenzofuran	15.19	168	998636	39.70	ng	95
55) 4-Nitrophenol	15.02	139	278127	59.08	ng	# 84
56) 2,4-Dinitrotoluene	15.16	165	312327	41.87	ng	92
57) Fluorene	15.84	166	879390	40.06	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	232016	38.86	ng	96
59) Diethylphthalate	15.59	149	981219	43.07	ng	99
60) 4-Chlorophenyl-phenylether	15.82	204	463696	39.92	ng	100
61) 4-Nitroaniline	15.87	138	237919	37.28	ng	# 67
62) Azobenzene	16.12	77	934121	40.45	ng	91
64) 4,6-Dinitro-2-methylphenol	15.93	198	183678	37.86	ng	89
65) n-Nitrosodiphenylamine	16.04	169	788943	37.69	ng	96
66) 4-Bromophenyl-phenylether	16.73	248	321775	38.69	ng	96
67) Hexachlorobenzene	16.85	284	343650	37.77	ng	95
68) Atrazine	17.00	200	326214	40.59	ng	95
69) Pentachlorophenol	17.20	266	238501	44.96	ng	97
70) Phenanthrene	17.59	178	1406654	38.85	ng	98
71) Anthracene	17.68	178	1428614	39.23	ng	99
72) Carbazole	17.96	167	1310643	40.98	ng	99
73) Di-n-butylphthalate	18.49	149	1613198	50.72	ng	98
74) Fluoranthene	19.60	202	1645648	49.12	ng	96
76) Benzidine	19.79	184	783665	37.87	ng	97
77) Pyrene	19.97	202	1647296	37.63	ng	98
79) Butylbenzylphthalate	20.84	149	746796	41.66	ng	99
80) Benzo(a)anthracene	21.85	228	1591135	38.72	ng	97
81) 3,3'-Dichlorobenzidine	21.76	252	672503	39.90	ng	# 96
82) Chrysene	21.92	228	1517740	38.82	ng	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1053545	42.92	ng	# 98
84) Di-n-octyl phthalate	22.99	149	1765637	42.14	ng	99
85) Indeno(1,2,3-cd)pyrene	29.18	276	1862274	38.12	ng	# 100
87) Benzo(b)fluoranthene	24.19	252	1599112	38.64	ng	# 97
88) Benzo(k)fluoranthene	24.26	252	1575006	39.63	ng	# 97
89) Benzo(a)pyrene	25.11	252	1553615	39.48	ng	# 95
90) Dibenzo(a,h)anthracene	29.24	278	1581153	39.33	ng	# 91
91) Benzo(g,h,i)perylene	30.41	276	1523622	37.63	ng	# 93

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

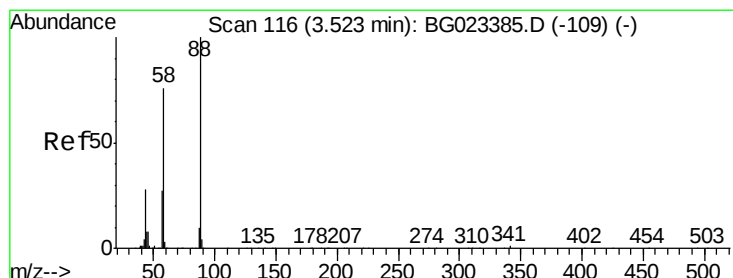
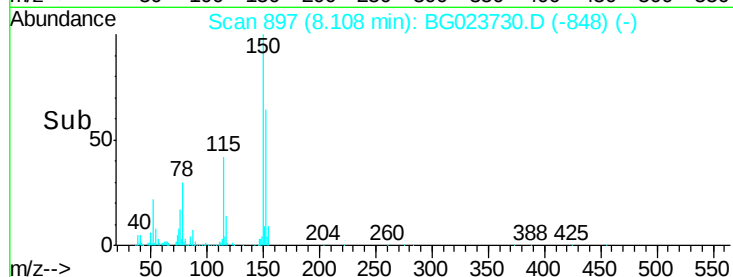
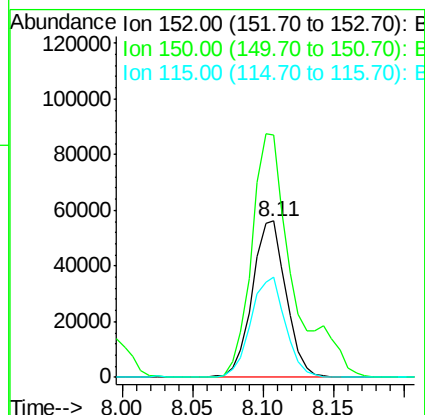
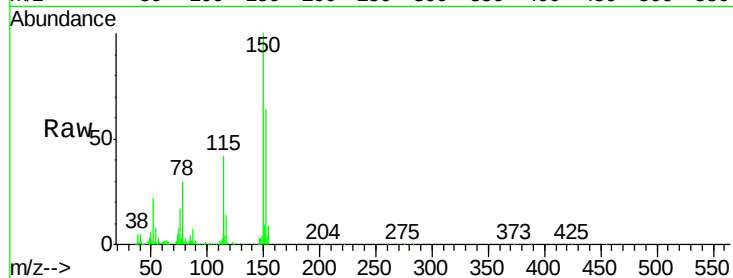


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

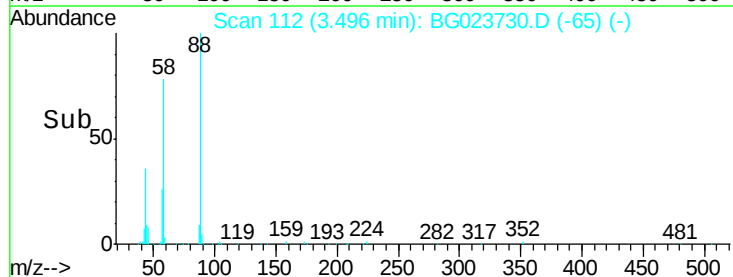
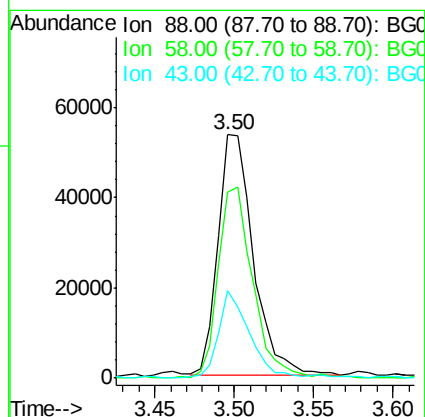
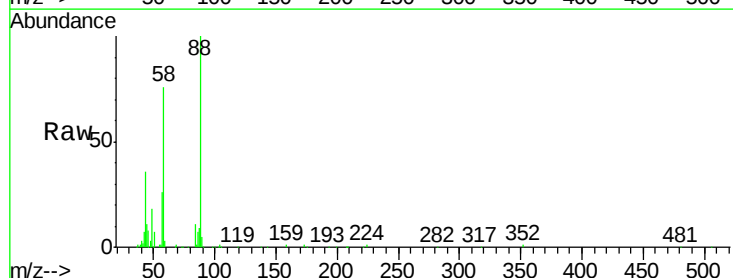
Tgt Ion:152 Resp: 94703
Ion Ratio Lower Upper
152 100
150 155.2 144.7 217.1
115 64.4 64.0 96.0

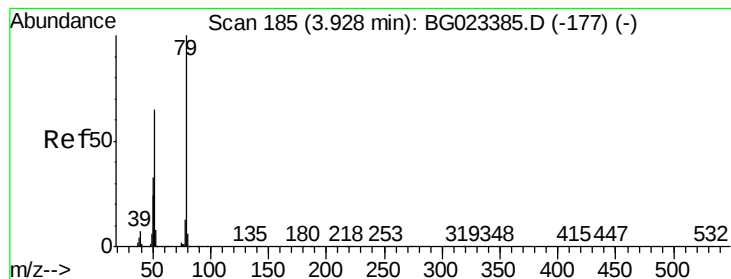


#2

1,4-Dioxane
Concen: 34.28 ng
RT: 3.50 min Scan# 112
Delta R.T. -0.03 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion: 88 Resp: 82176
Ion Ratio Lower Upper
88 100
58 77.5 60.4 90.6
43 31.9 31.1 46.7





#3

Pyridine

Concen: 35.84 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.02 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

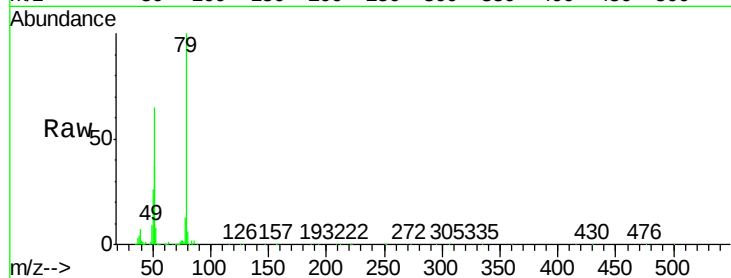
Tgt Ion: 79 Resp: 282336

Ion Ratio Lower Upper

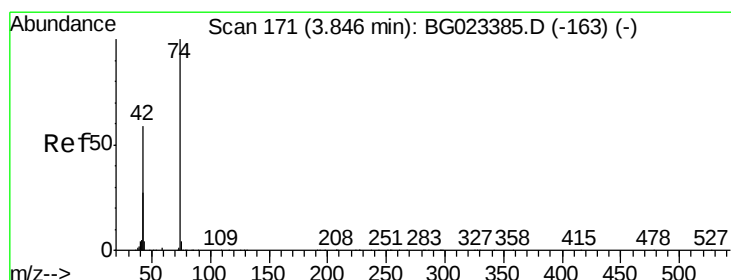
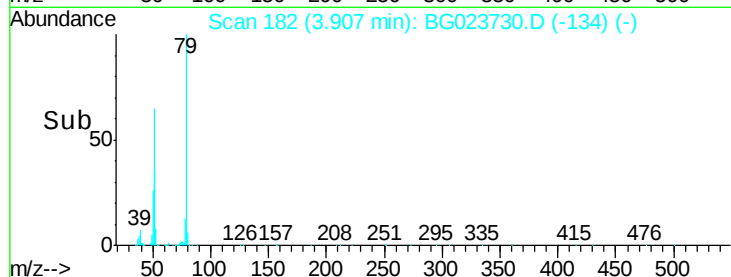
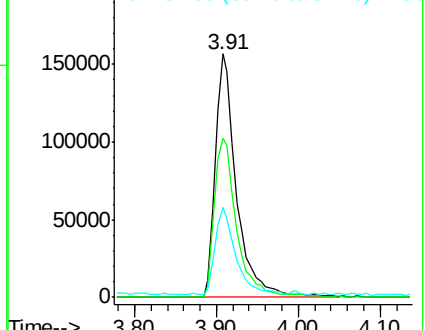
79 100

52 65.2 51.8 77.8

51 37.2 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.28 ng

RT: 3.82 min Scan# 167

Delta R.T. -0.03 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

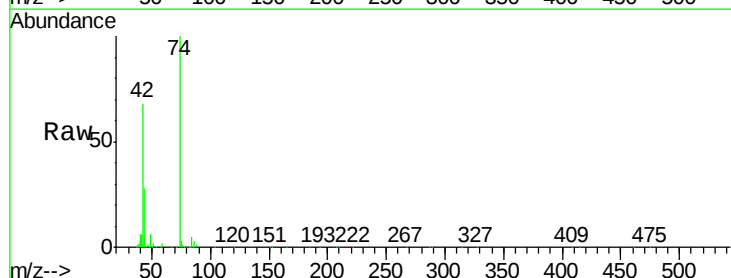
Tgt Ion: 42 Resp: 120552

Ion Ratio Lower Upper

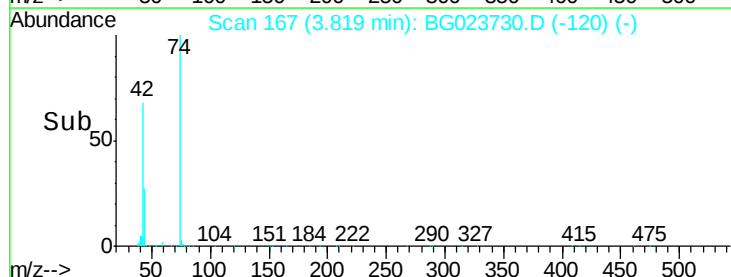
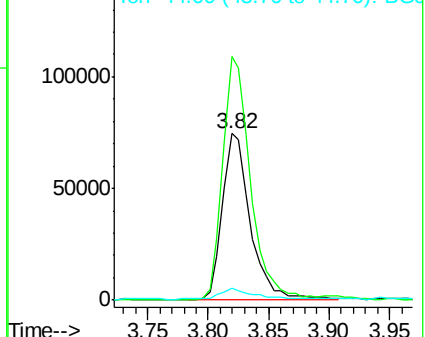
42 100

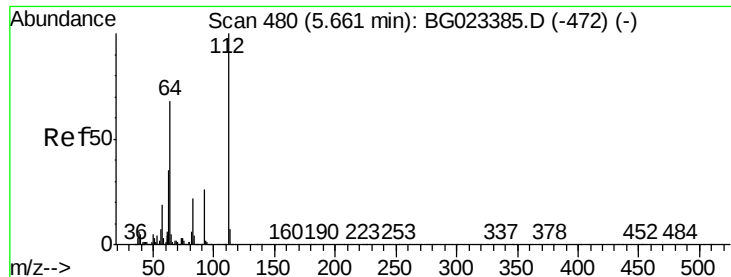
74 146.4 100.6 150.8

44 7.2 4.5 6.7#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 81.28 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

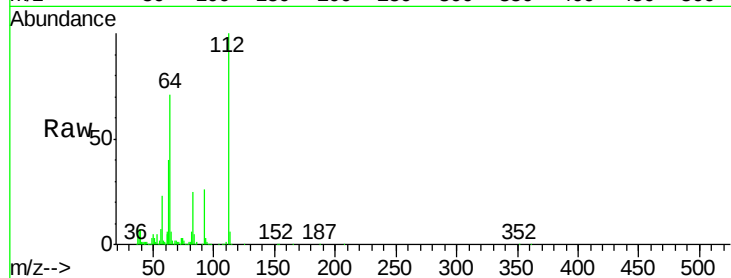
Tgt Ion: 112 Resp: 457291

Ion Ratio Lower Upper

112 100

64 71.2 59.0 88.4

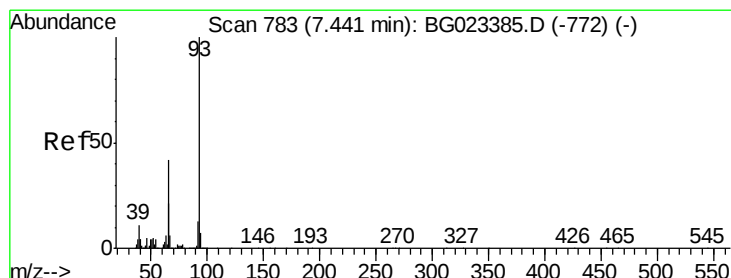
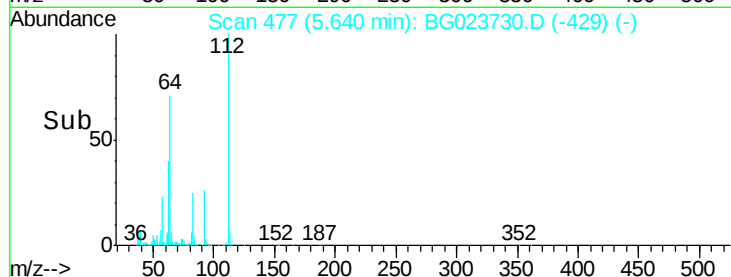
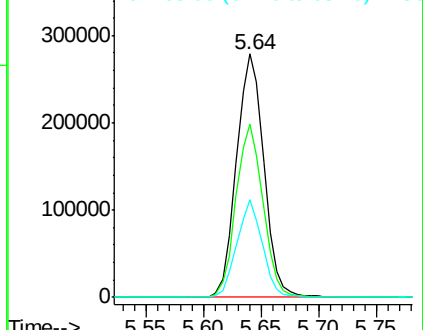
63 39.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.09 ng

RT: 7.42 min Scan# 780

Delta R.T. -0.02 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

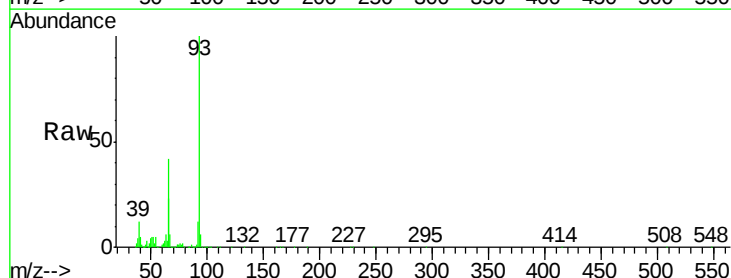
Tgt Ion: 93 Resp: 444319

Ion Ratio Lower Upper

93 100

66 42.3 37.5 56.3

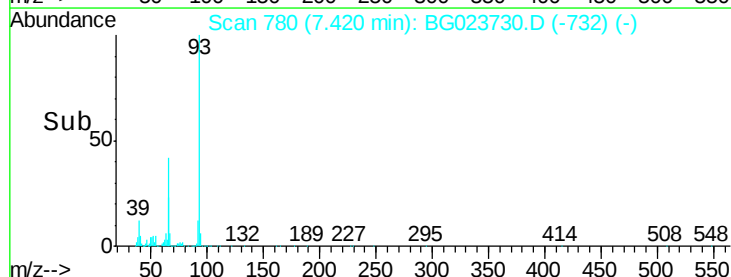
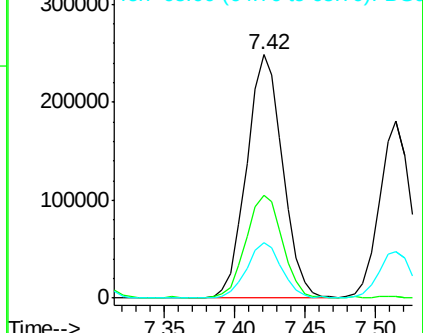
65 22.6 17.9 26.9

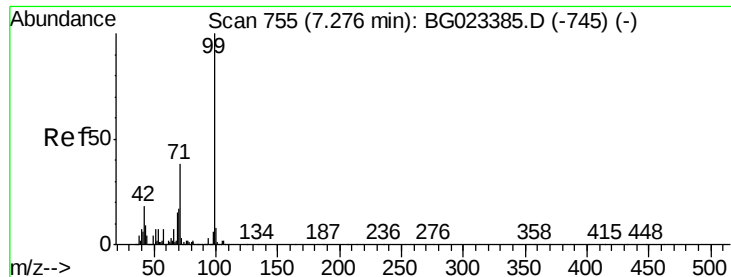


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.45 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

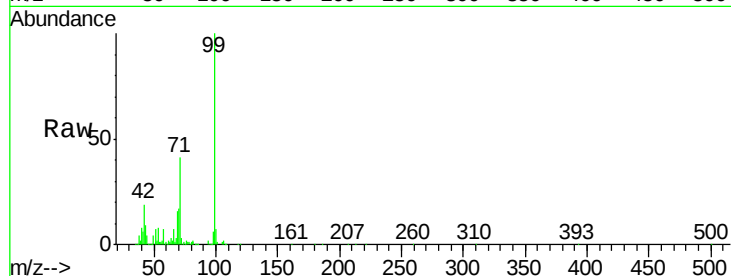
Tgt Ion: 99 Resp: 713711

Ion Ratio Lower Upper

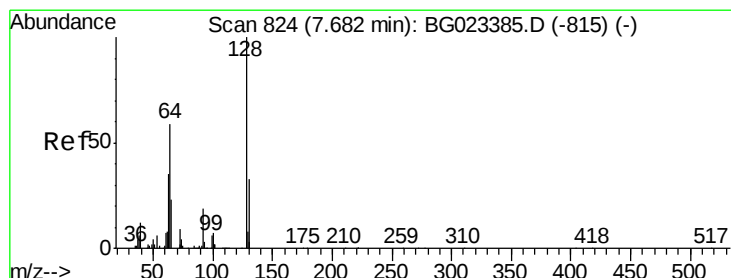
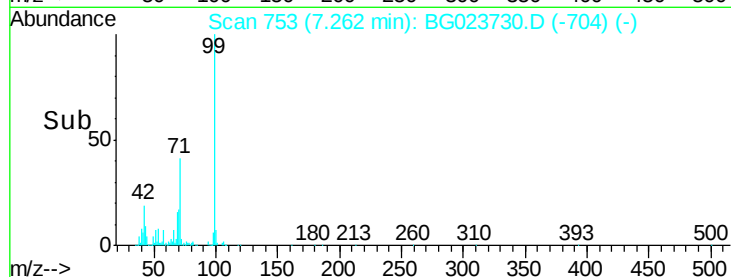
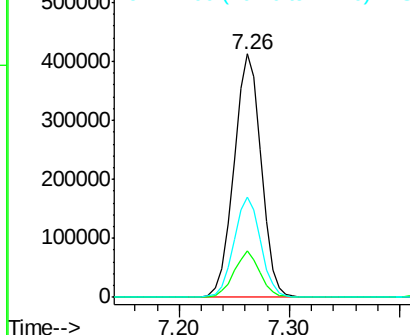
99 100

42 19.1 17.8 26.6

71 41.1 41.5 62.3#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.00 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

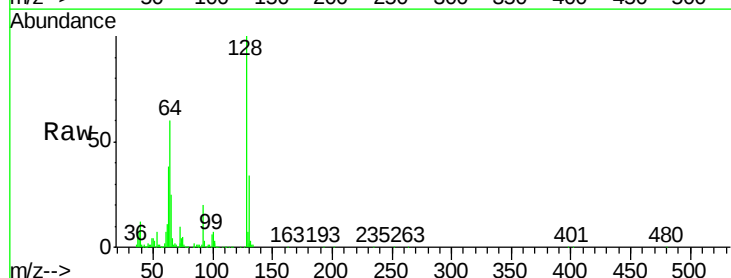
Tgt Ion: 128 Resp: 252090

Ion Ratio Lower Upper

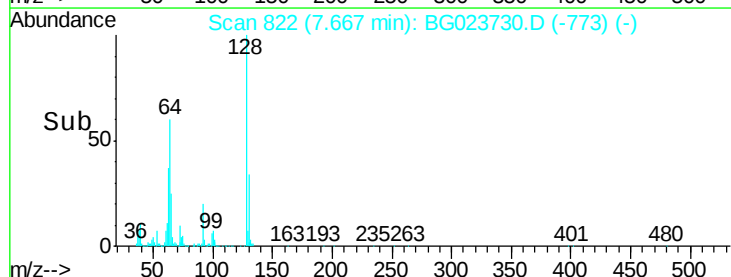
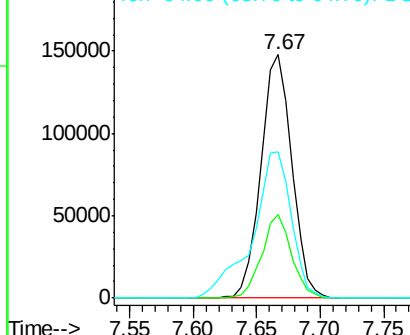
128 100

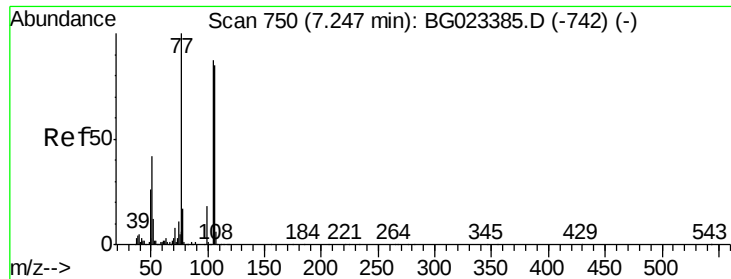
130 34.2 12.9 52.9

64 60.0 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





#9

Benzaldehyde

Concen: 39.78 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

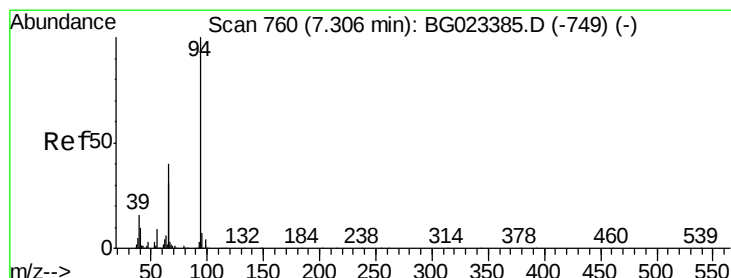
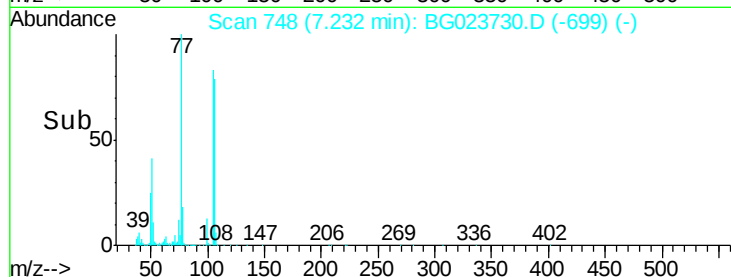
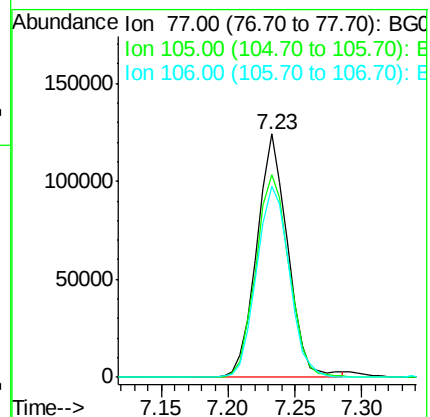
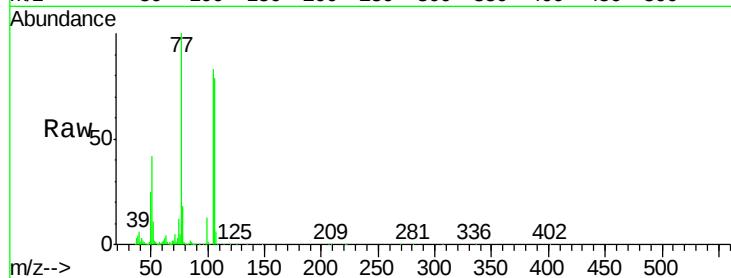
Tgt Ion: 77 Resp: 198759

Ion Ratio Lower Upper

77 100

105 83.3 58.7 98.7

106 78.7 67.5 107.5



#10

Phenol

Concen: 38.04 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

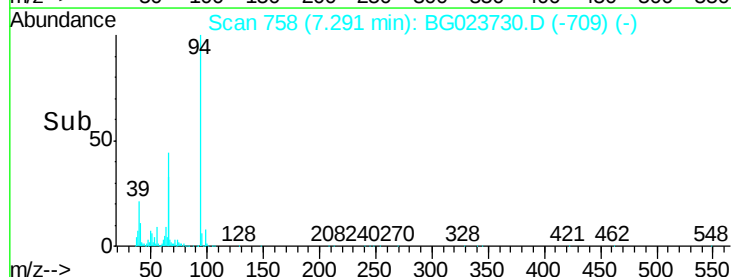
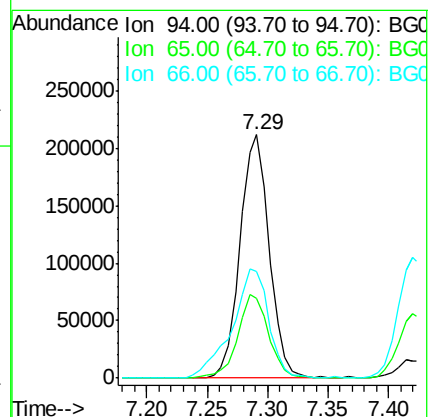
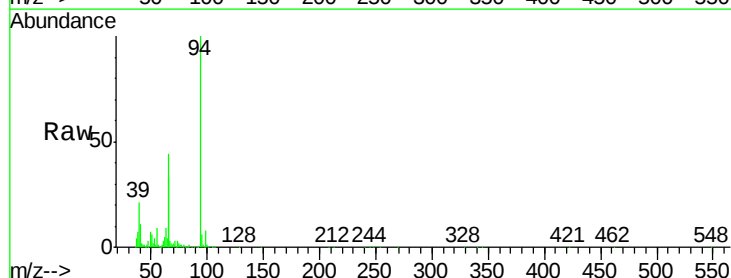
Tgt Ion: 94 Resp: 356586

Ion Ratio Lower Upper

94 100

65 33.0 18.1 58.1

66 43.6 42.1 82.1

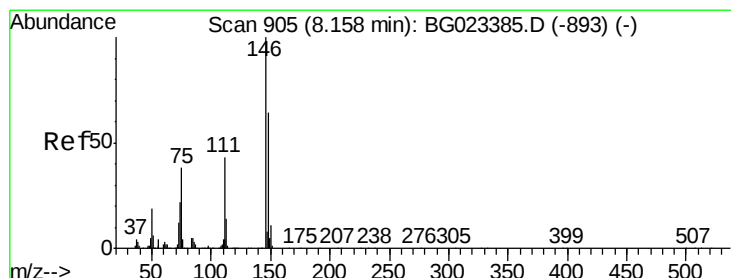
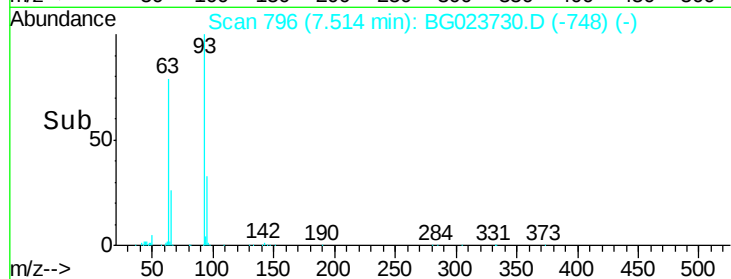
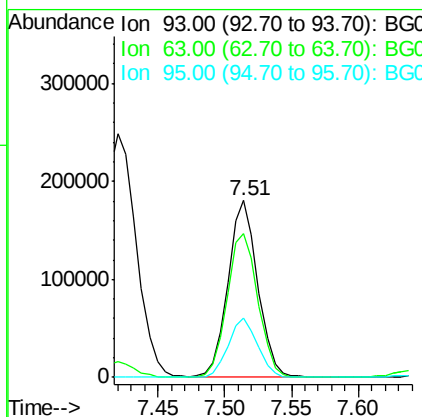
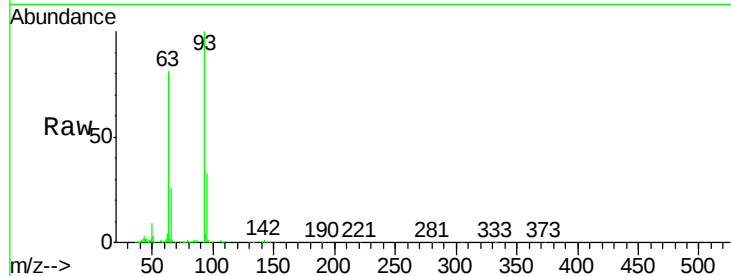




#11
bis(2-Chloroethyl)ether
Concen: 37.58 ng
RT: 7.51 min Scan# 796
Delta R.T. -0.02 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

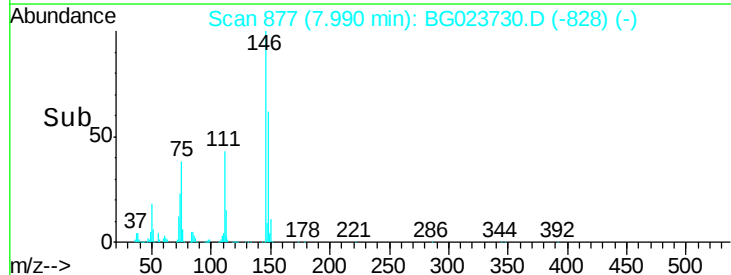
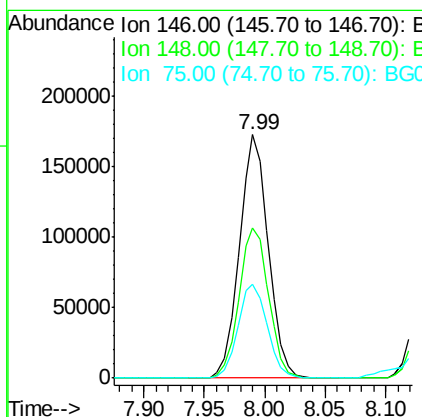
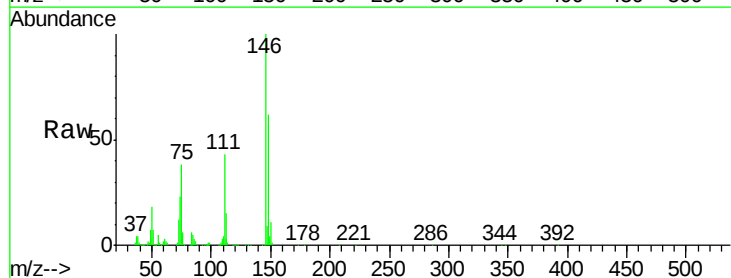
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

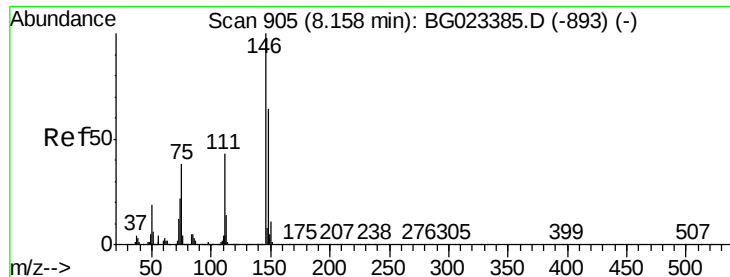
Tgt Ion:	93	Resp:	281000
Ion	Ratio	Lower	Upper
93	100		
63	81.4	55.0	95.0
95	33.3	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 38.72 ng
RT: 7.99 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion:	146	Resp:	286570
Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.3	75.5
75	38.4	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 37.99 ng

RT: 8.14 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

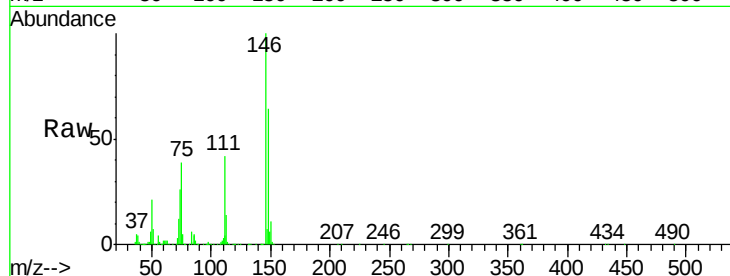
Tgt Ion:146 Resp: 287824

Ion Ratio Lower Upper

146 100

148 63.7 54.5 81.7

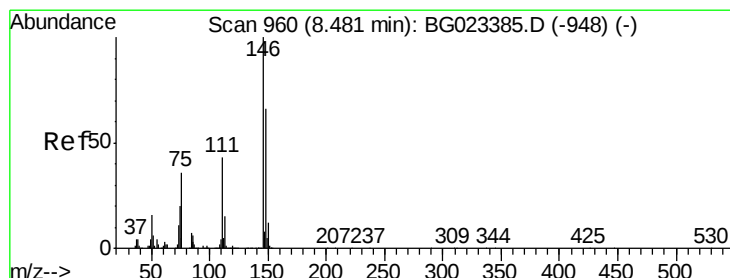
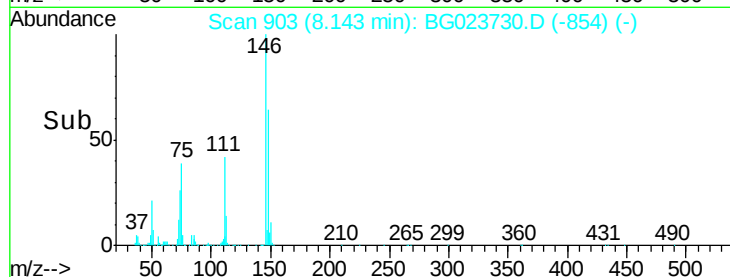
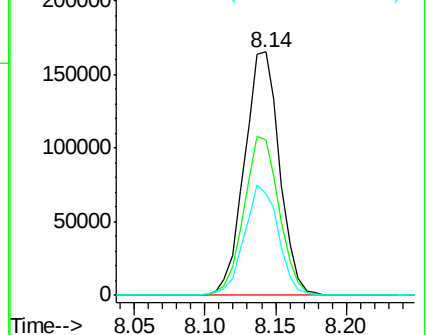
111 41.5 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.27 ng

RT: 8.46 min Scan# 957

Delta R.T. -0.02 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

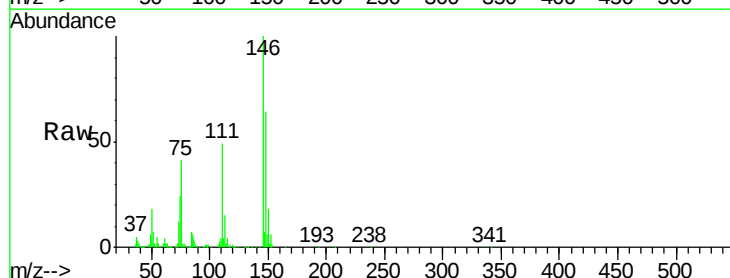
Tgt Ion:146 Resp: 276973

Ion Ratio Lower Upper

146 100

148 64.4 52.9 79.3

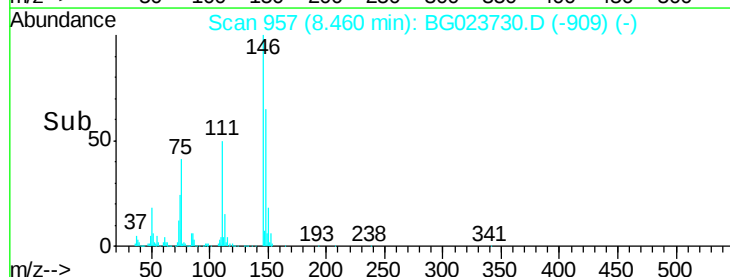
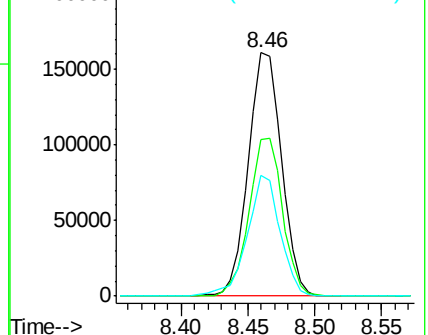
111 49.4 43.5 65.3

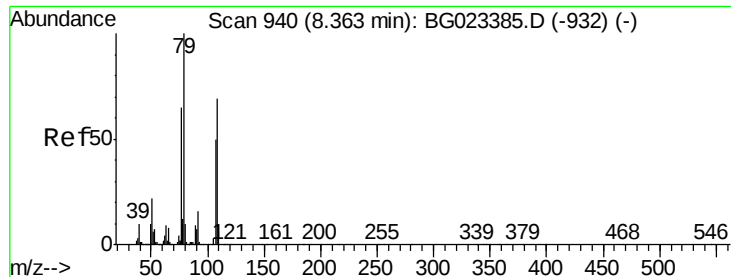


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.30 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

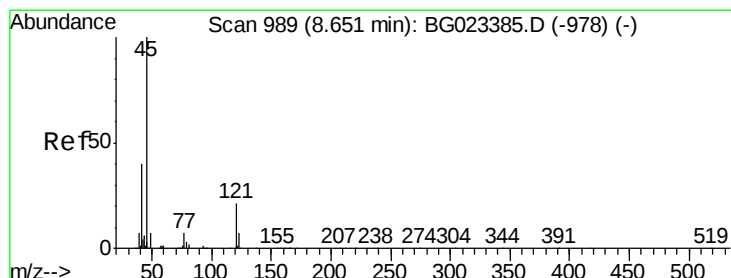
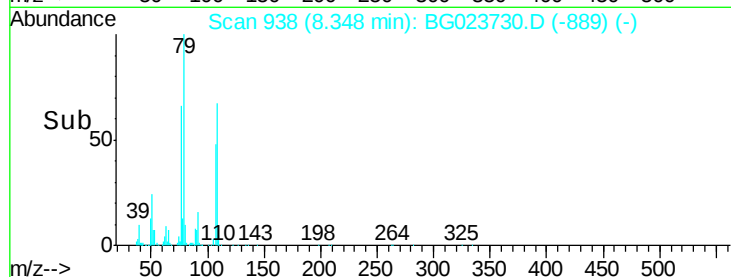
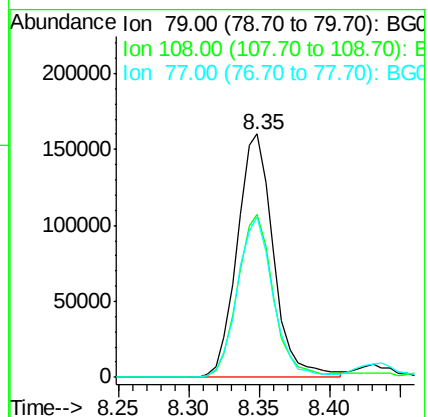
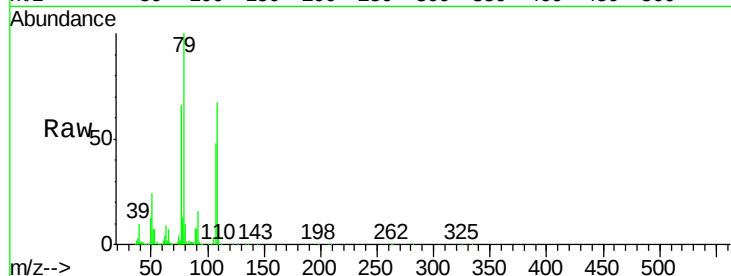
Tgt Ion: 79 Resp: 287519

Ion Ratio Lower Upper

79 100

108 66.7 46.5 69.7

77 65.9 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.80 ng

RT: 8.62 min Scan# 985

Delta R.T. -0.03 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

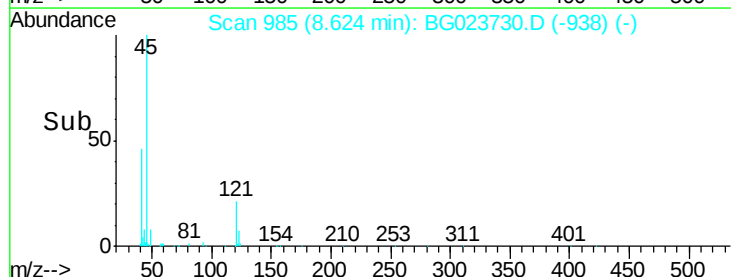
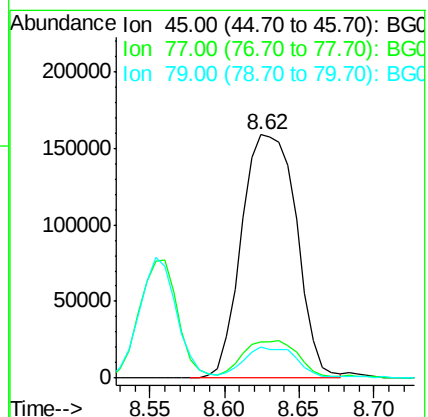
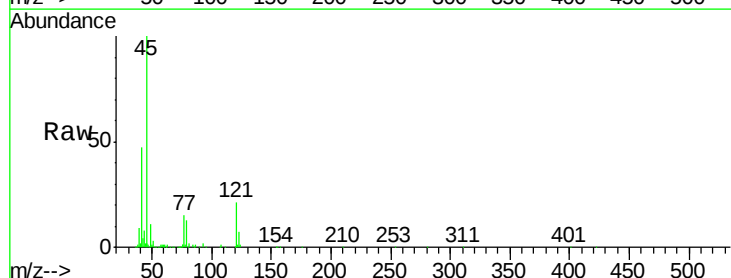
Tgt Ion: 45 Resp: 404758

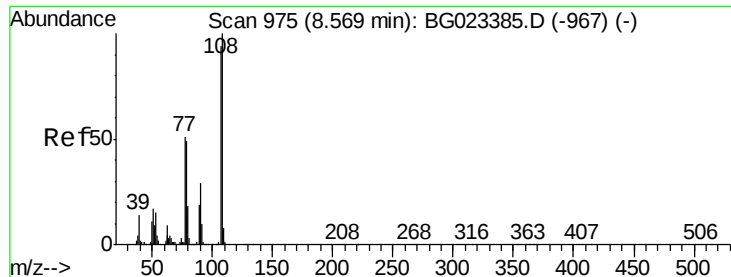
Ion Ratio Lower Upper

45 100

77 14.9 0.6 40.6

79 12.8 0.0 36.2

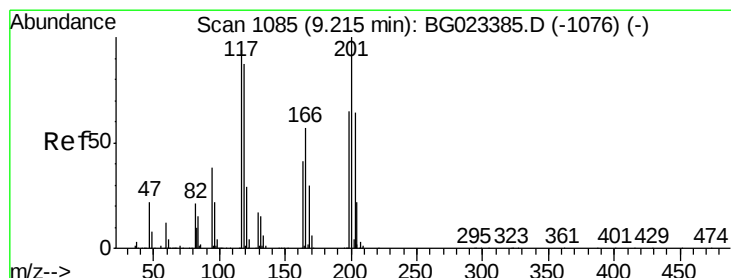
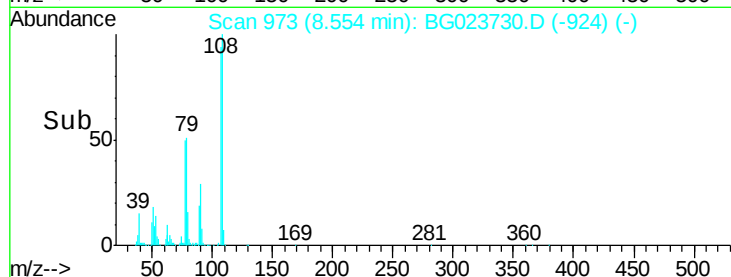
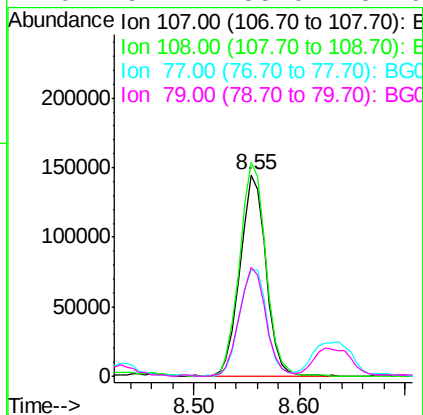
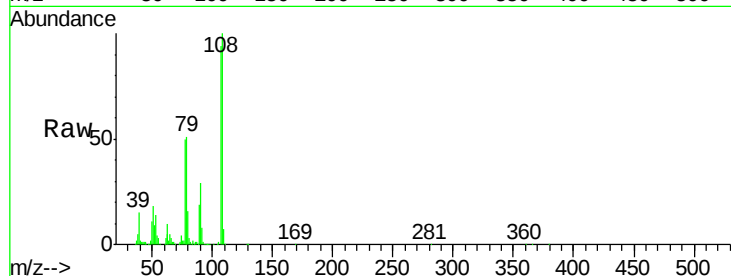




#17
2-Methylphenol
Concen: 38.95 ng
RT: 8.55 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

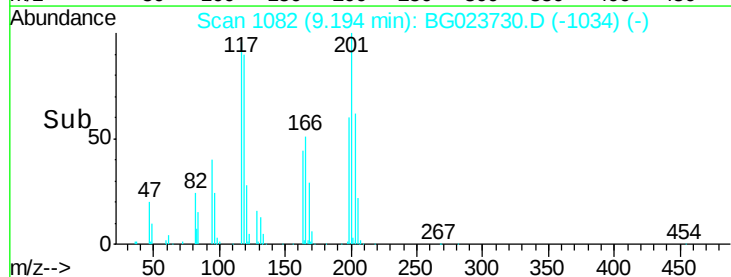
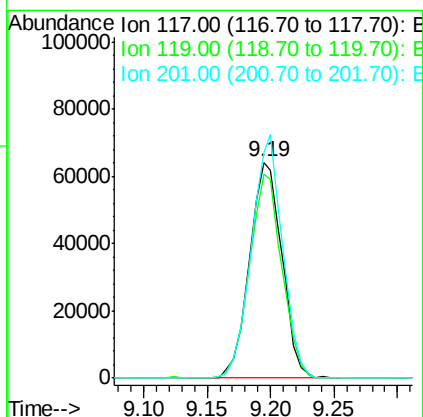
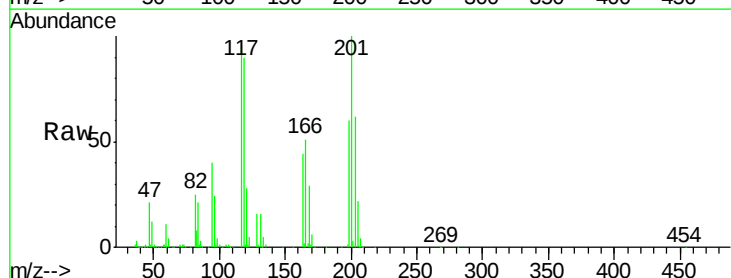
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

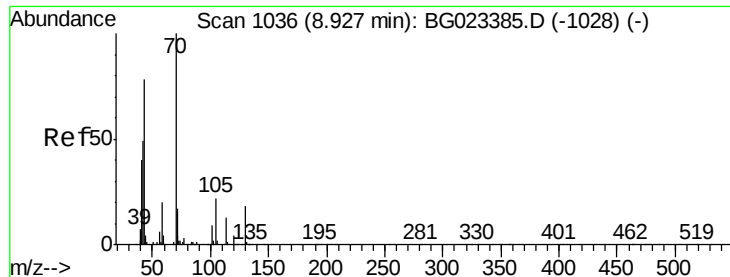
Tgt Ion:	107	Resp:	244807
Ion	Ratio	Lower	Upper
107	100		
108	106.2	92.0	138.0
77	52.7	55.8	83.6#
79	54.2	55.0	82.6#



#18
Hexachloroethane
Concen: 39.95 ng
RT: 9.19 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion:	117	Resp:	113907
Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.7	110.5
201	104.5	88.7	133.1

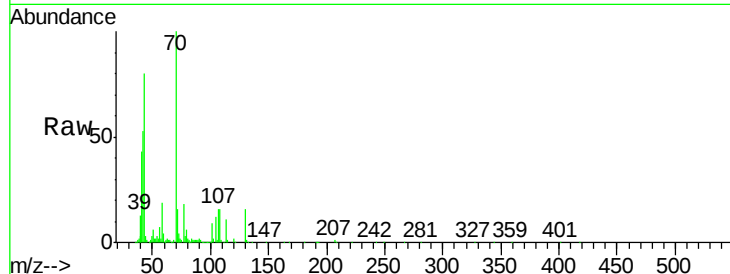




#19
n-Nitroso-di-n-propylamine
Concen: 38.11 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	287246
Ion	Ratio	Lower	Upper
70	100		
42	53.1	42.1	63.1
101	9.1	7.2	10.8
130	15.8	14.2	21.2



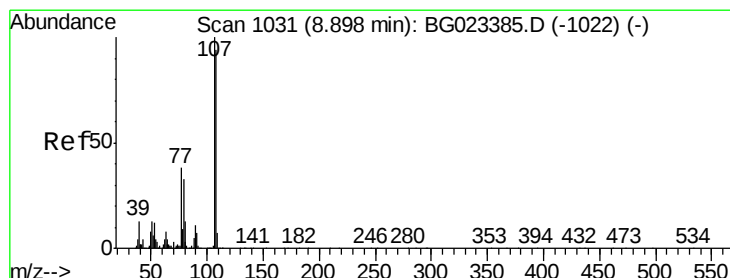
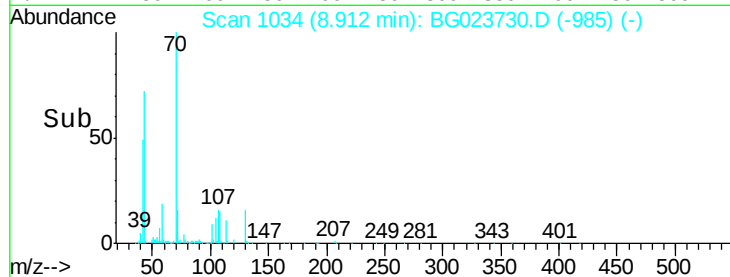
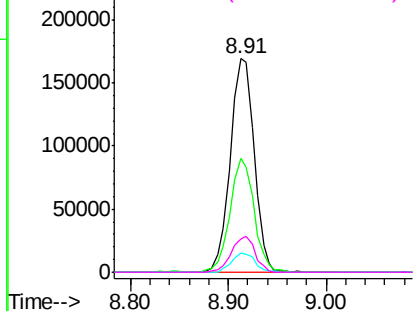
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

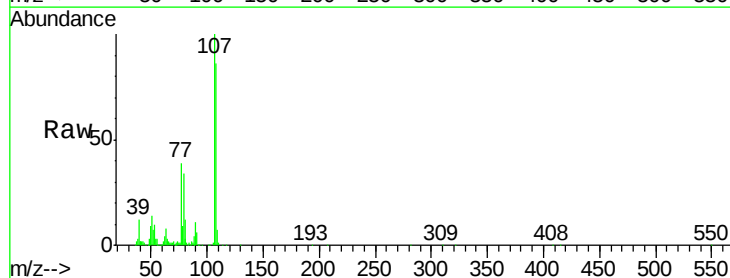
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.68 ng
RT: 8.88 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion:	107	Resp:	342685
Ion	Ratio	Lower	Upper
107	100		
108	85.6	72.5	112.5
77	38.7	30.1	70.1
79	33.8	24.2	64.2



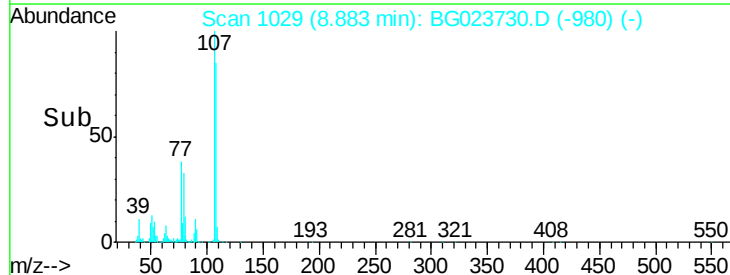
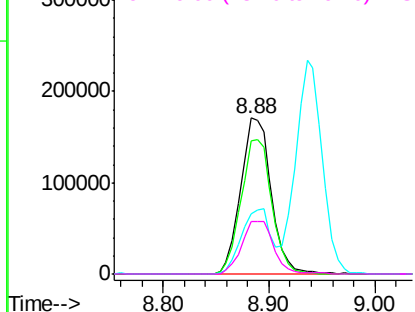
Abundance

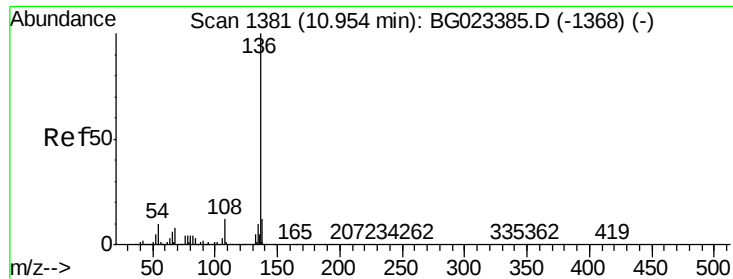
Ion 107.00 (106.70 to 107.70): BGC

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

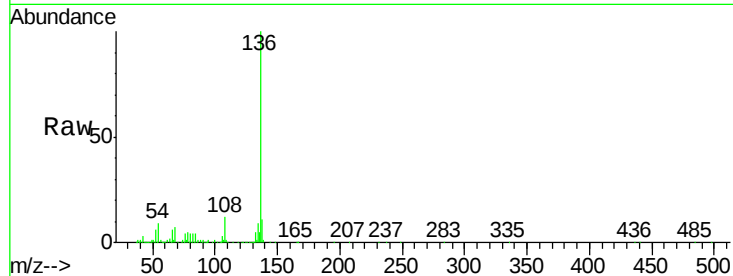




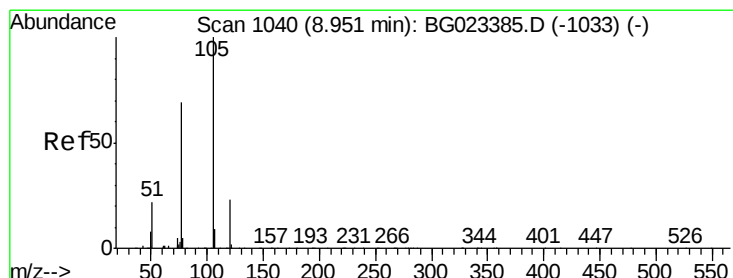
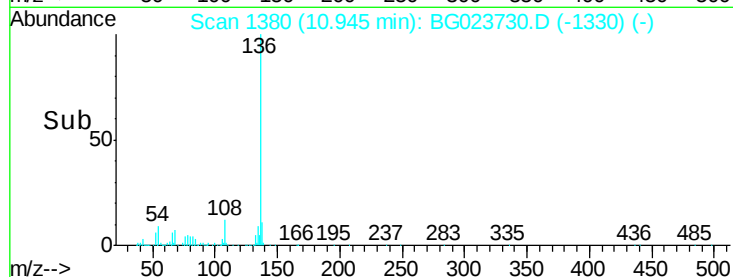
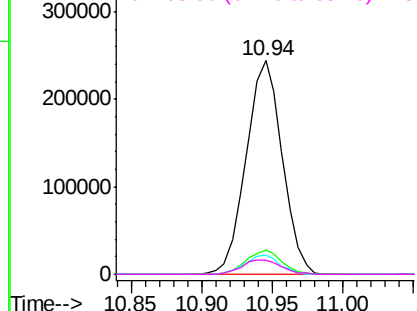
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	436139
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	8.8	7.3	10.9
68	6.8	5.3	7.9

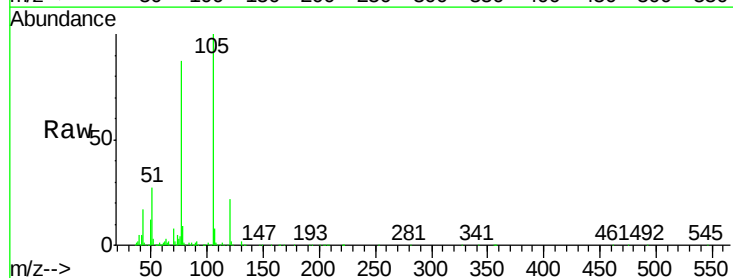


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

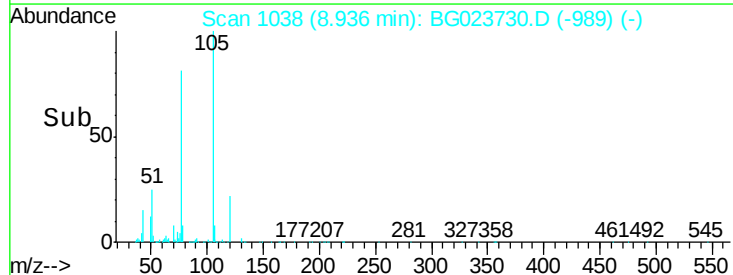
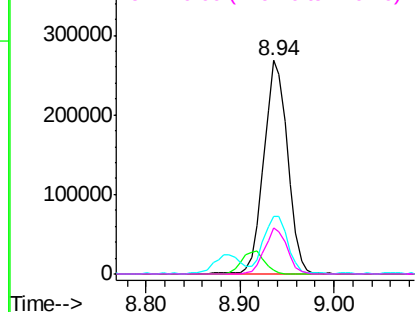


#22
Acetophenone
Concen: 39.38 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion:	105	Resp:	470218
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.6	3.8#
51	26.9	27.1	40.7#
120	21.6	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

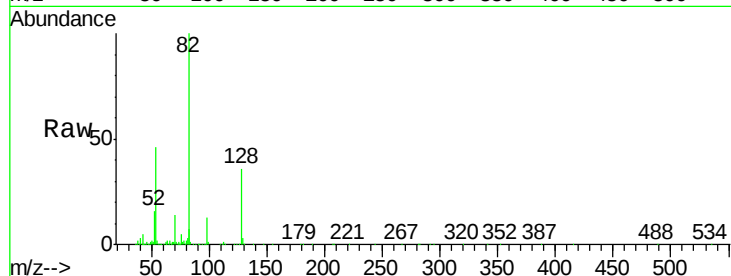




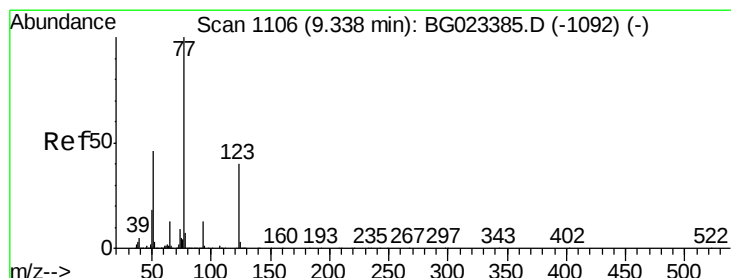
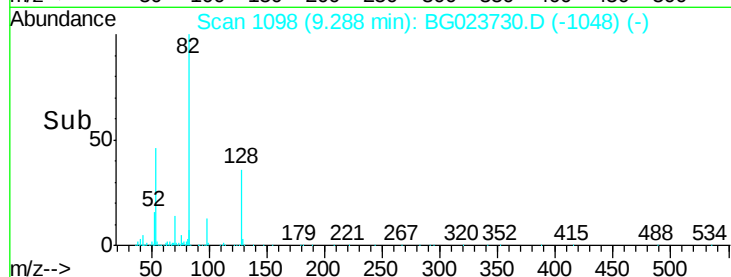
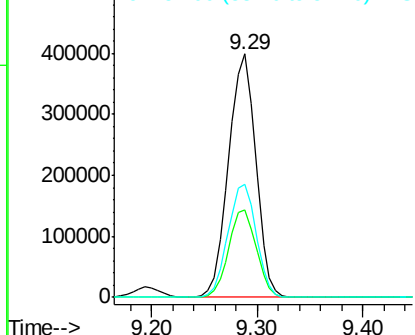
#23
Nitrobenzene-d5
Concen: 81.26 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	24.4	36.6
54	46.5	41.4	62.0

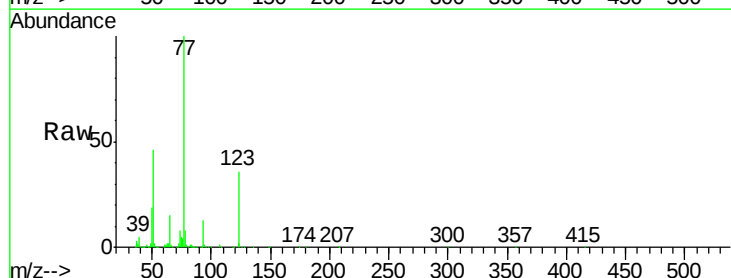


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

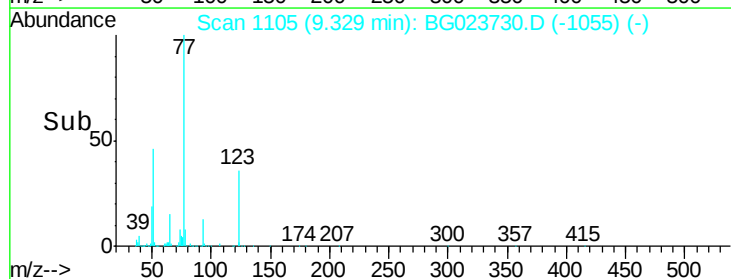
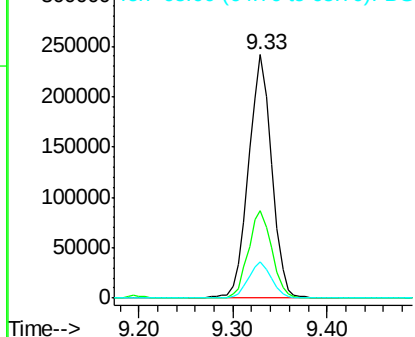


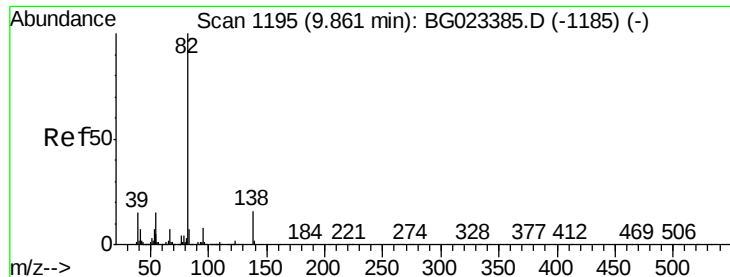
#24
Nitrobenzene
Concen: 42.39 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.2	25.0	37.6
65	14.8	13.4	20.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 41.79 ng

RT: 9.85 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

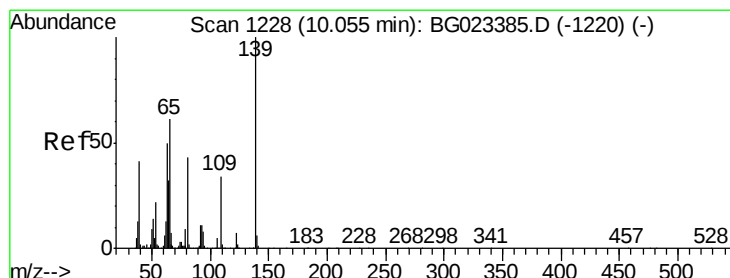
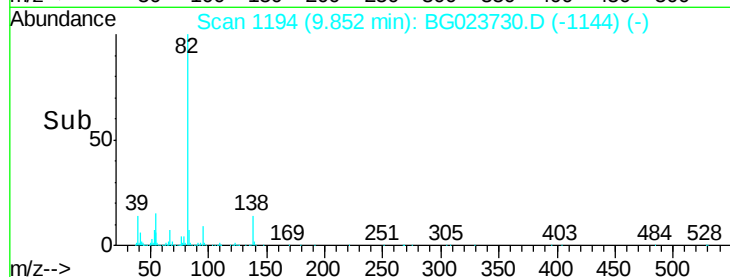
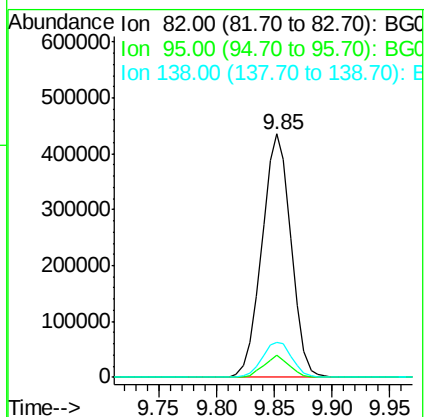
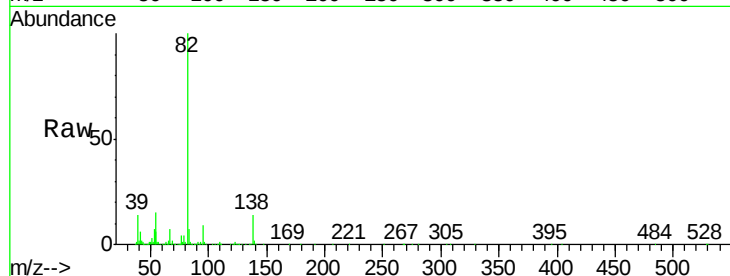
Tgt Ion: 82 Resp: 763592

Ion Ratio Lower Upper

82 100

95 9.0 8.2 12.2

138 14.4 10.7 16.1



#26

2-Nitrophenol

Concen: 42.43 ng

RT: 10.05 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

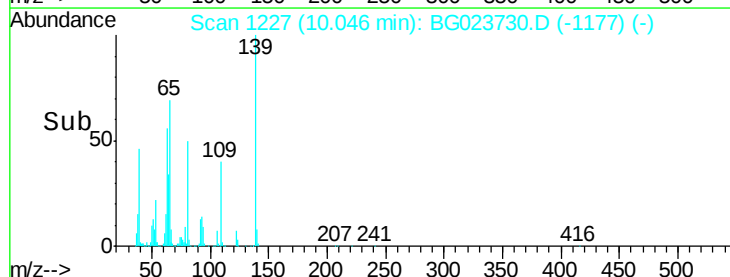
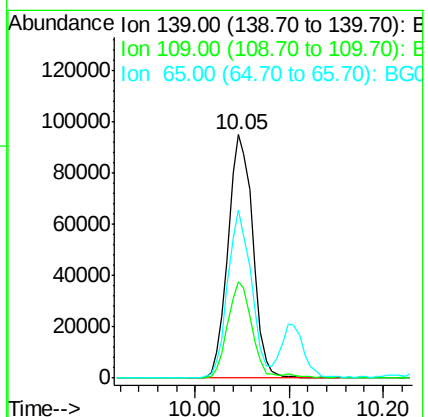
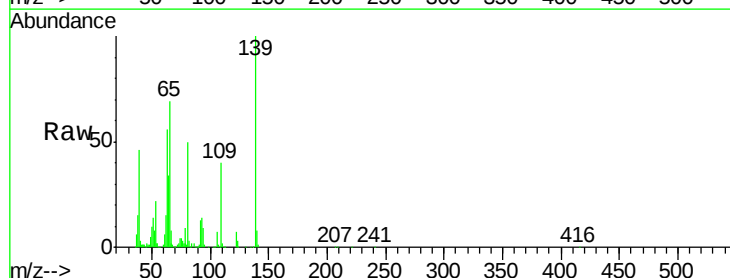
Tgt Ion: 139 Resp: 173968

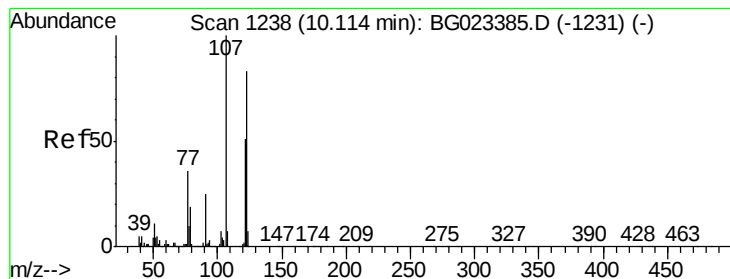
Ion Ratio Lower Upper

139 100

109 39.5 43.5 65.3#

65 69.1 64.3 96.5





#27

2,4-Dimethylphenol

Concen: 38.10 ng

RT: 10.10 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

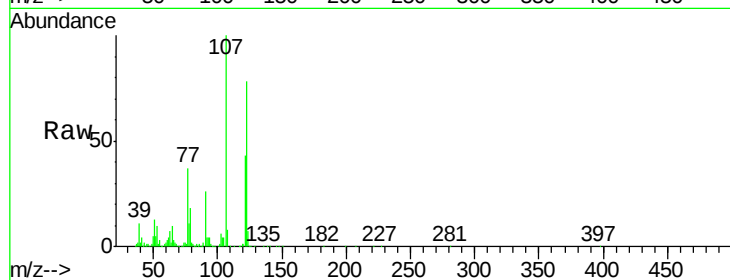
Tgt Ion: 122 Resp: 265979

Ion Ratio Lower Upper

122 100

107 128.5 117.0 175.4

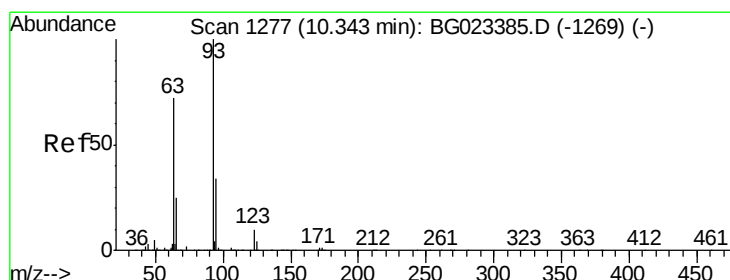
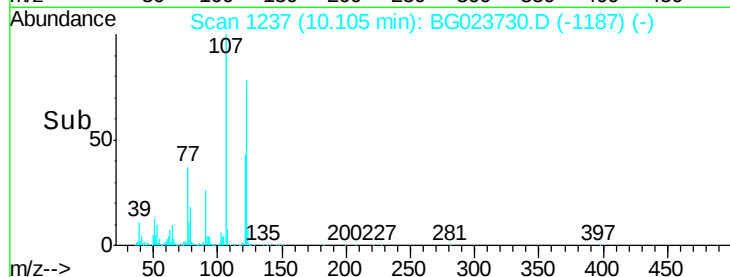
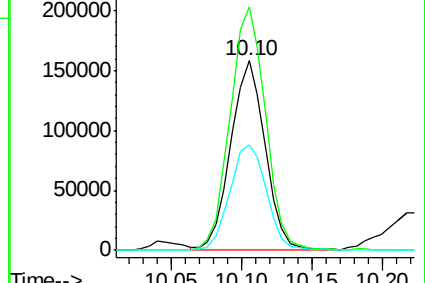
121 55.6 50.1 75.1



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: 35.59 ng

RT: 10.33 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

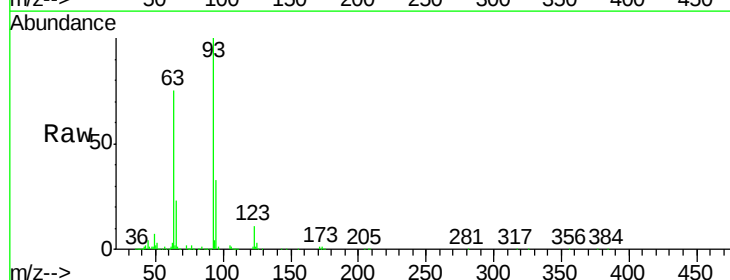
Tgt Ion: 93 Resp: 390899

Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.2

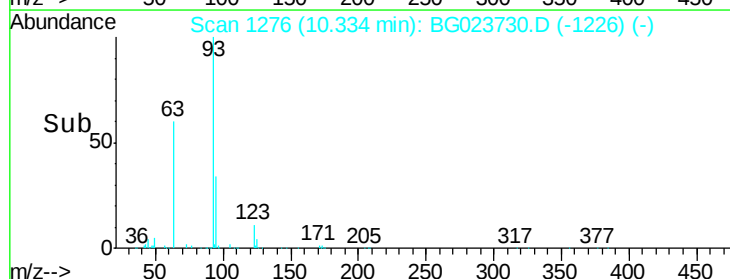
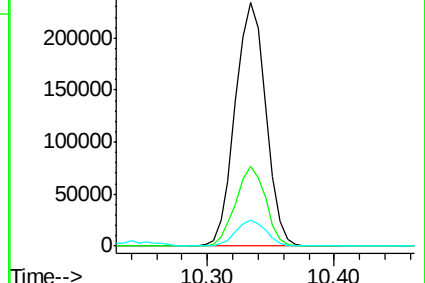
123 10.8 8.2 12.2

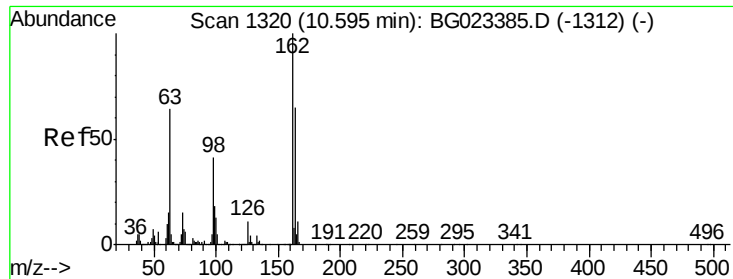


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

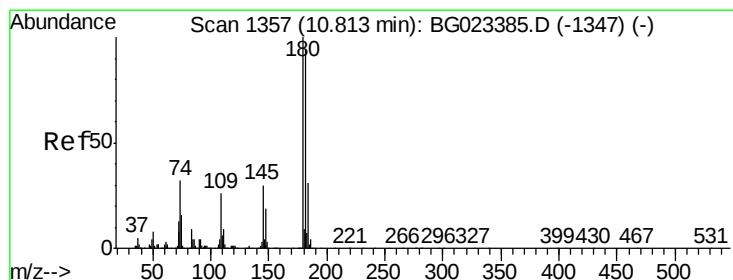
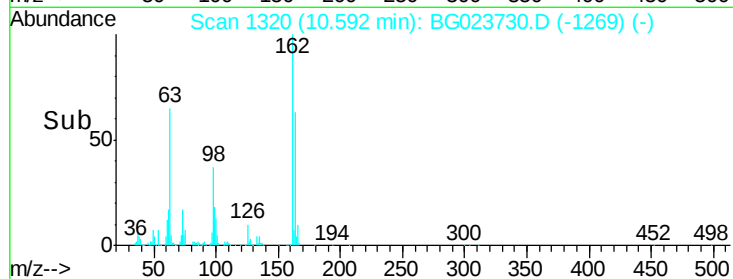
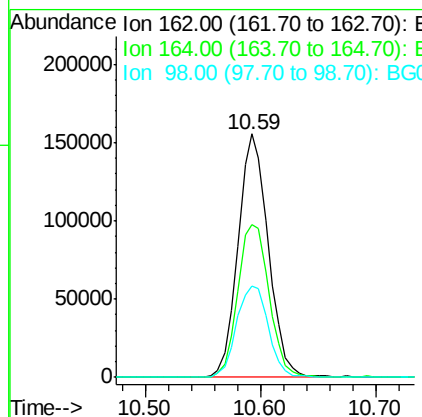
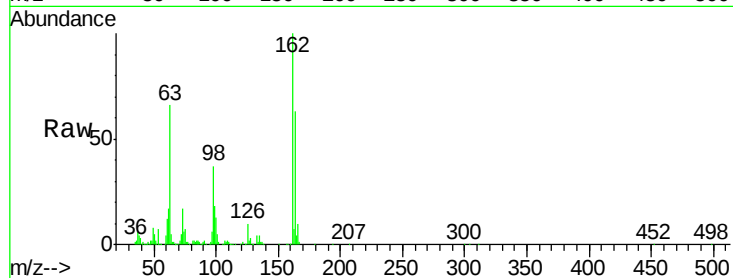




#29
 2,4-Dichlorophenol
 Concen: 40.03 ng
 RT: 10.59 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

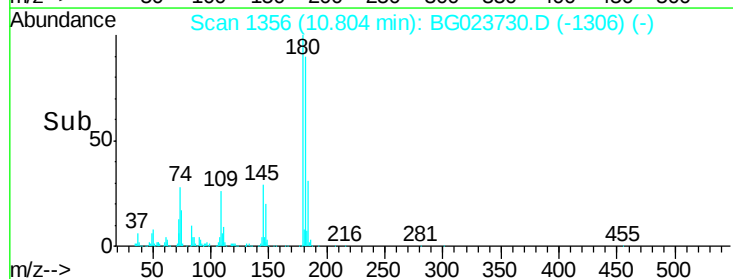
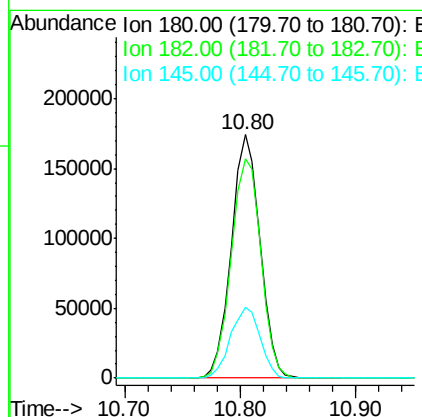
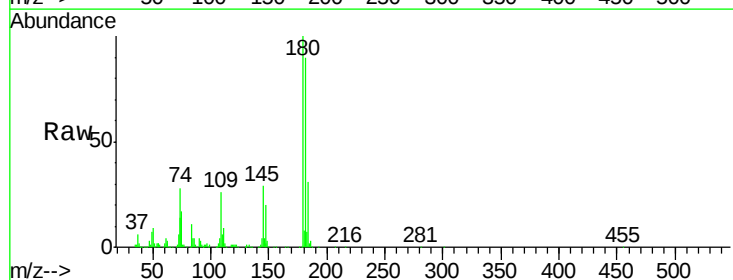
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

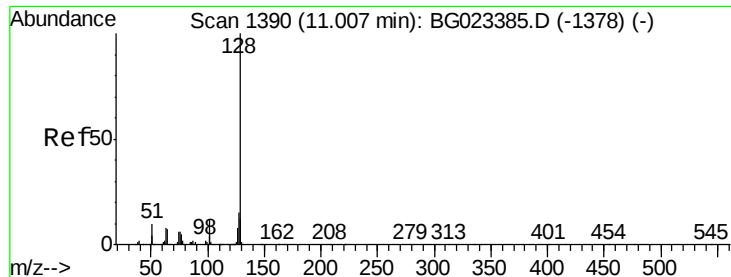
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	280985		
164	62.8		44.3	84.3
98	37.3		19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.63 ng
 RT: 10.80 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	300006		
182	90.1		73.8	110.8
145	29.2		24.4	36.6

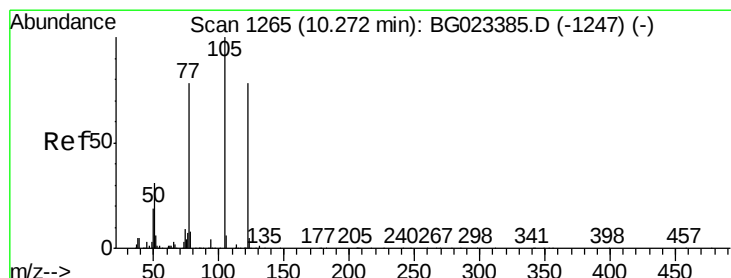
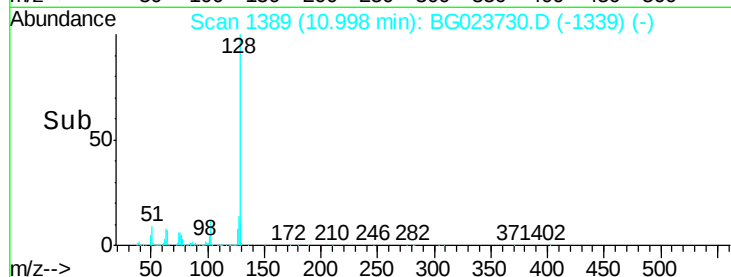
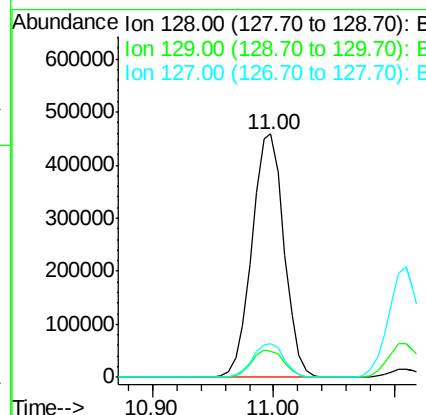
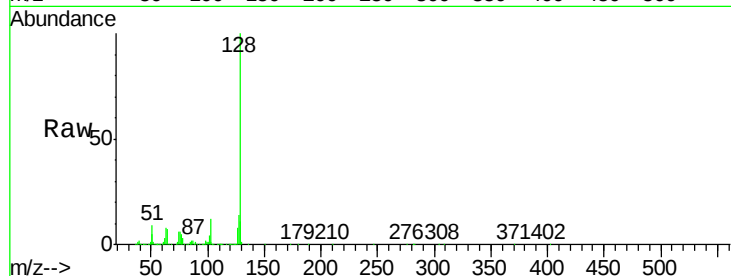




#31
Naphthalene
Concen: 38.33 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

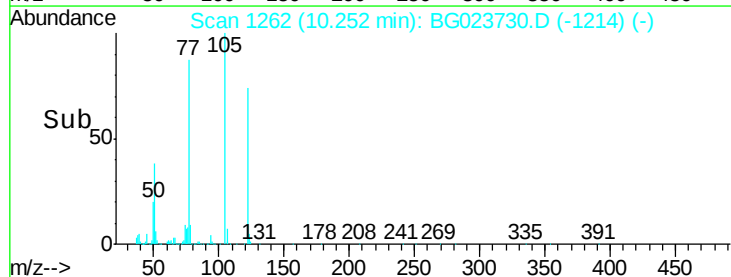
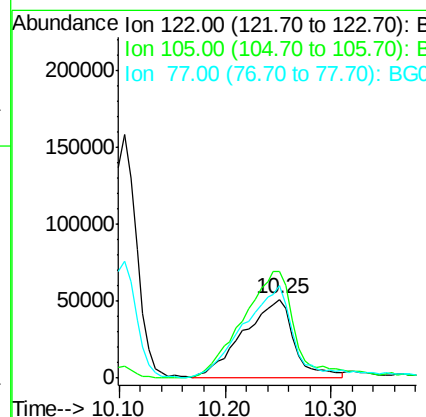
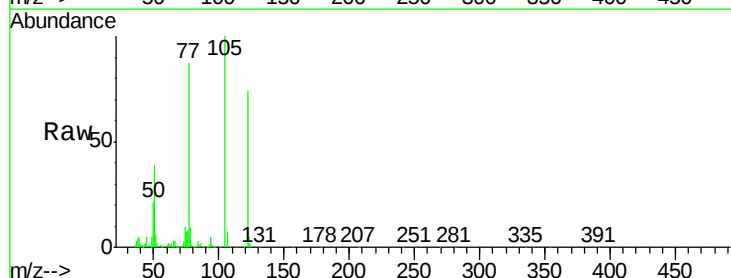
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 851319
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 14.0 11.3 16.9



#32
Benzoic acid
Concen: 28.76 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion:122 Resp: 165677
Ion Ratio Lower Upper
122 100
105 135.0 117.2 157.2
77 116.9 109.2 149.2

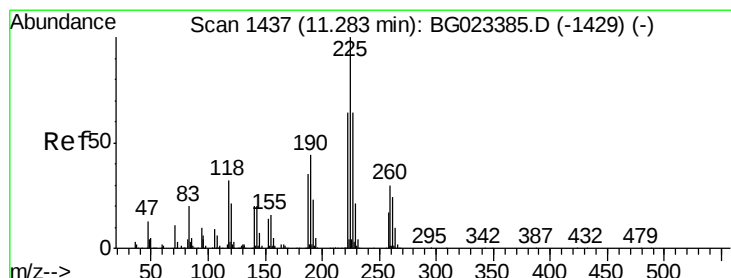
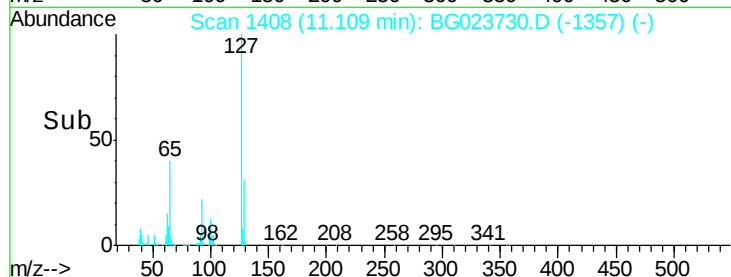
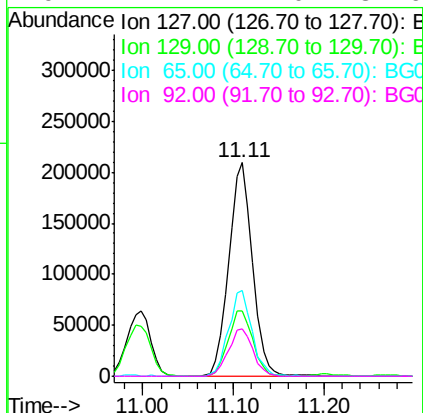
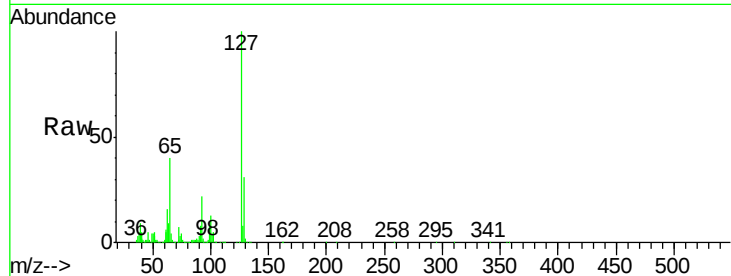




#33
4-Chloroaniline
Concen: 35.92 ng
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

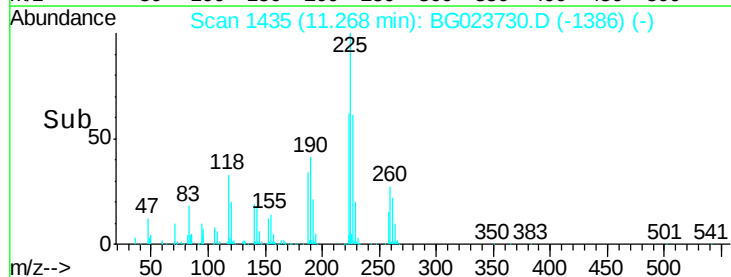
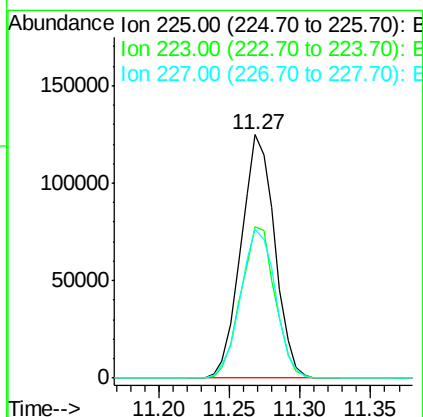
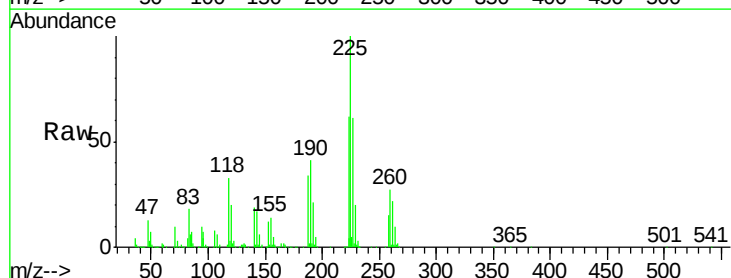
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

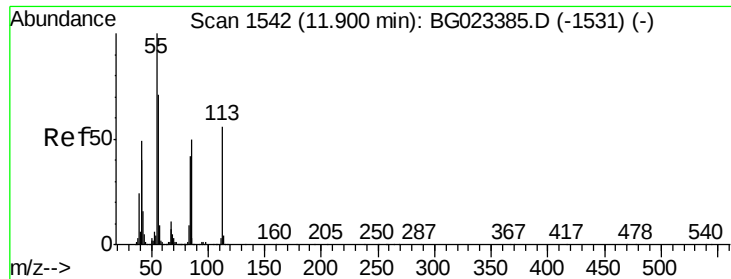
Tgt Ion:	127	Resp:	381309
Ion	Ratio	Lower	Upper
127	100		
129	30.5	27.9	41.9
65	40.3	36.8	55.2
92	22.1	21.0	31.6



#34
Hexachlorobutadiene
Concen: 41.89 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion:	225	Resp:	208561
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.6	74.4
227	61.4	54.5	81.7

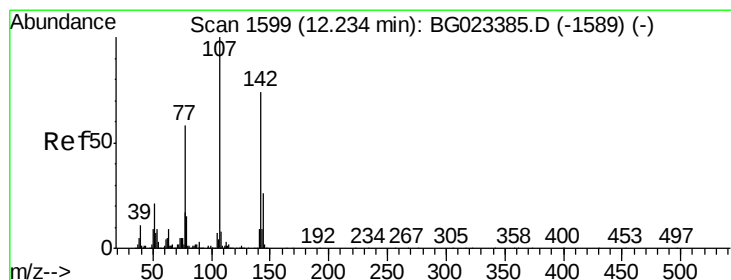
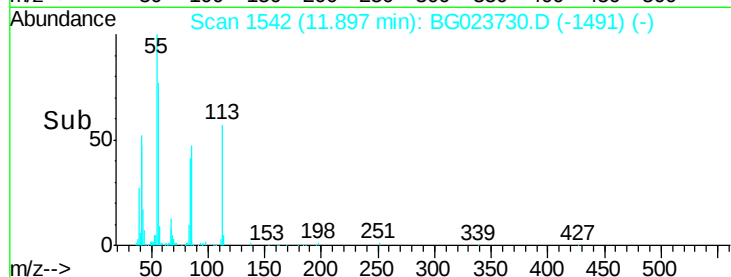
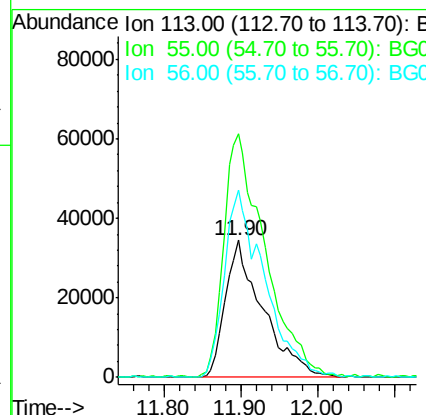
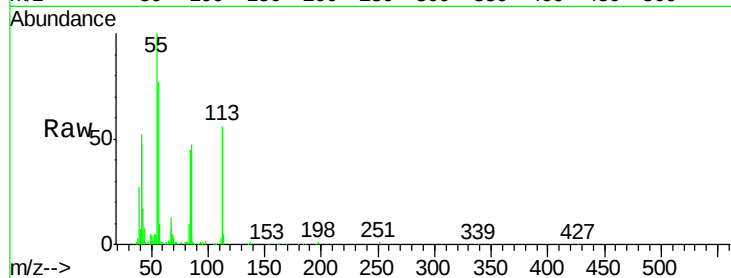




#35
 Caprolactam
 Concen: 39.46 ng
 RT: 11.90 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

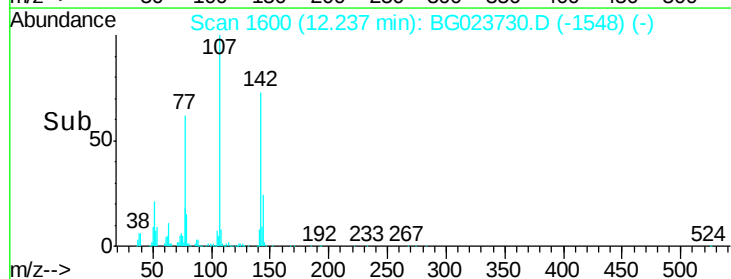
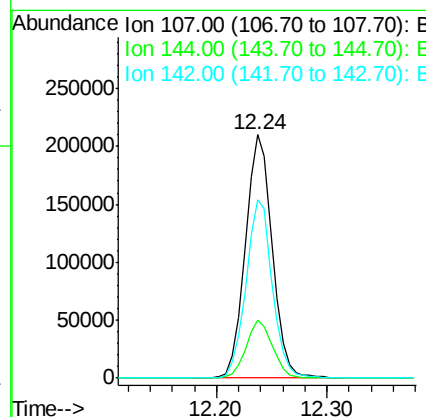
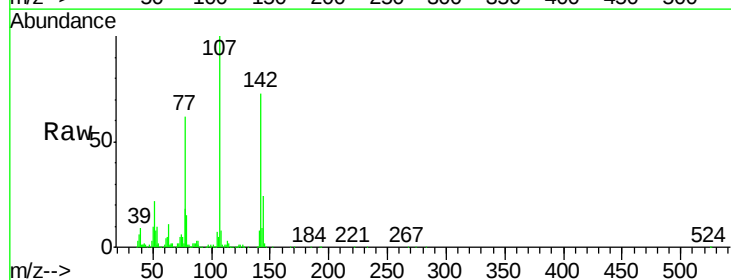
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

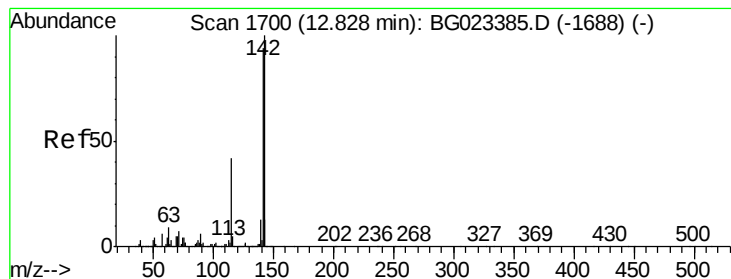
Tgt Ion:113 Resp: 116540
 Ion Ratio Lower Upper
 113 100
 55 177.5 154.5 194.5
 56 136.3 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 38.82 ng
 RT: 12.24 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Tgt Ion:107 Resp: 357992
 Ion Ratio Lower Upper
 107 100
 144 23.7 17.0 25.6
 142 73.2 53.0 79.6





#37

2-Methylnaphthalene

Concen: 36.30 ng

RT: 12.82 min Scan# 1700

Delta R.T. 0.21 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

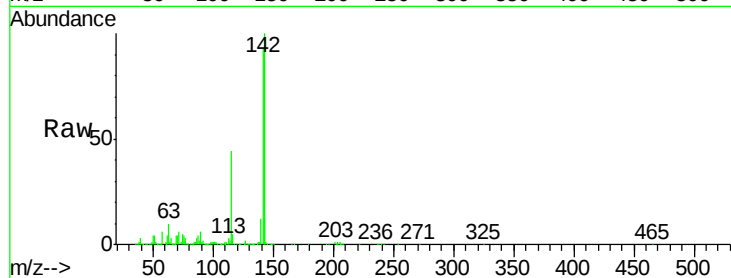
Tgt Ion:142 Resp: 612998

Ion Ratio Lower Upper

142 100

141 93.1 70.2 105.2

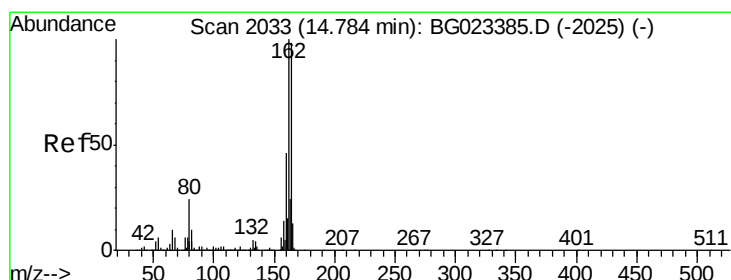
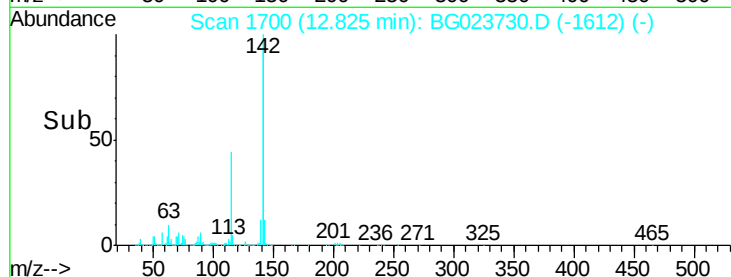
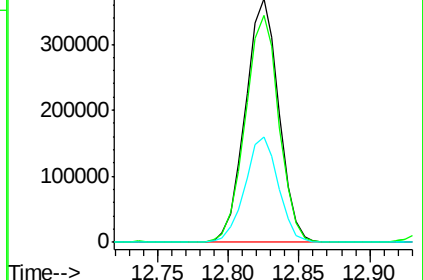
115 43.5 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

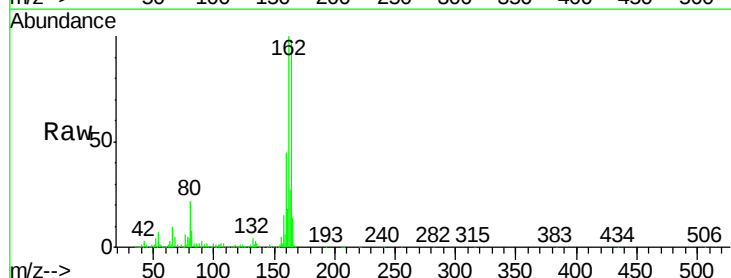
Tgt Ion:164 Resp: 292546

Ion Ratio Lower Upper

164 100

162 102.0 87.7 131.5

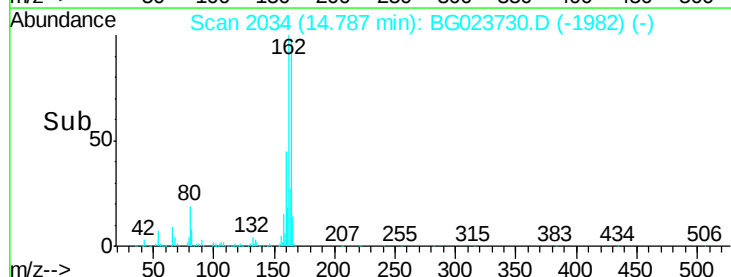
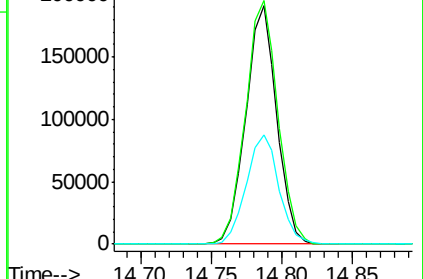
160 45.9 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.86 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 433521

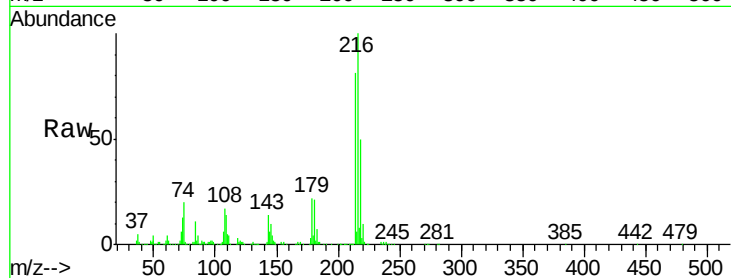
Ion Ratio Lower Upper

216 100

214 79.3 62.9 94.3

179 21.0 17.2 25.8

108 19.1 16.3 24.5

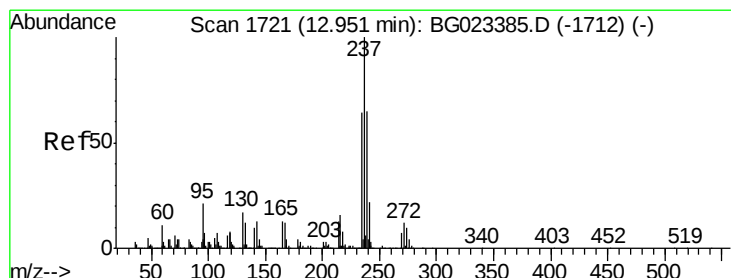
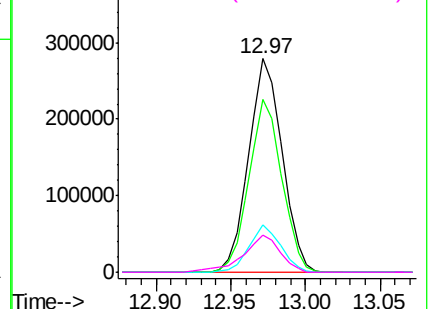
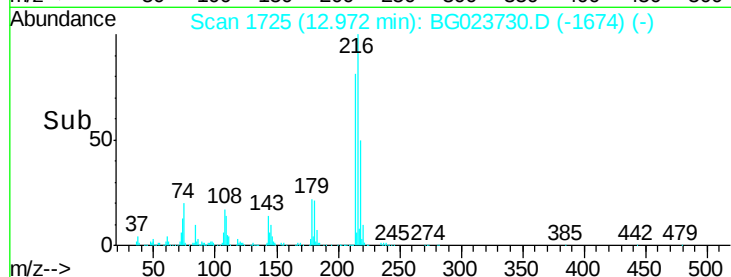


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 56.01 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

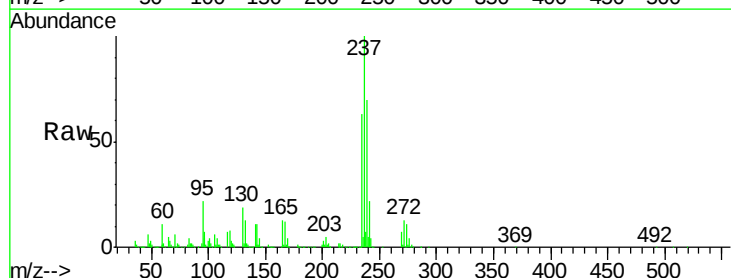
Tgt Ion:237 Resp: 299643

Ion Ratio Lower Upper

237 100

235 63.1 43.1 83.1

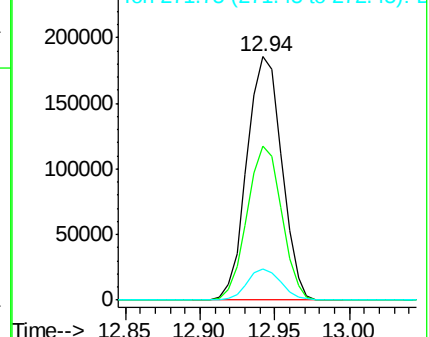
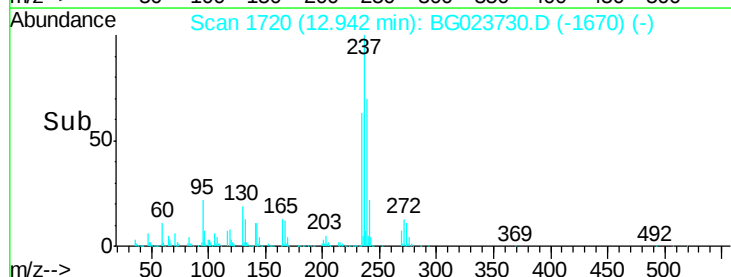
272 12.7 0.0 30.9

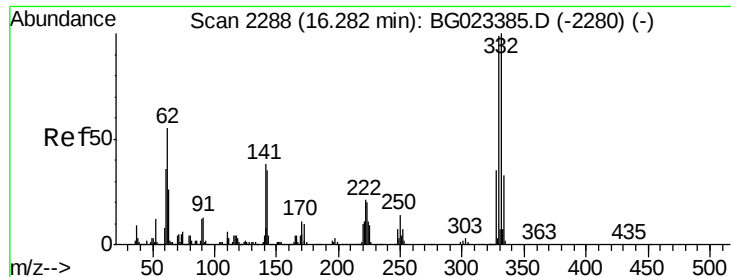


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

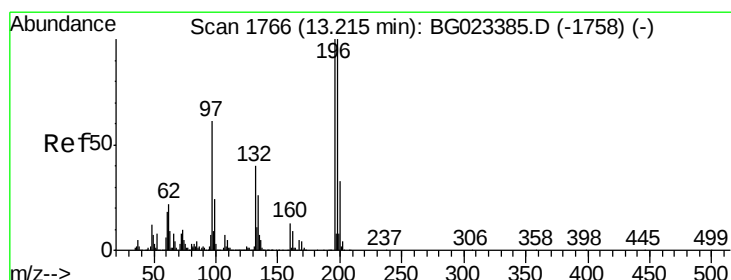
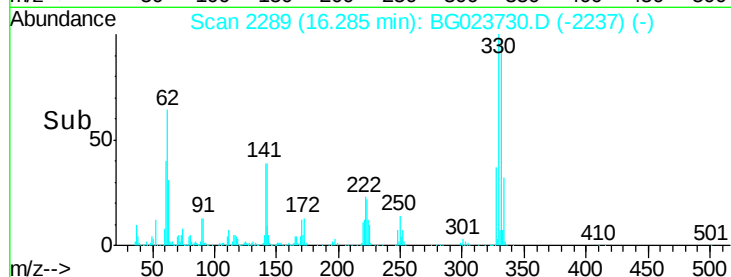
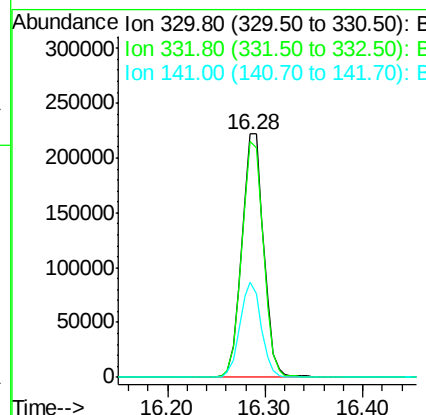
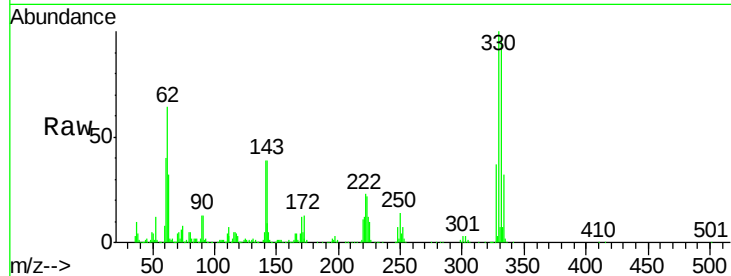




#41
 2,4,6-Tribromophenol
 Concen: 80.37 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

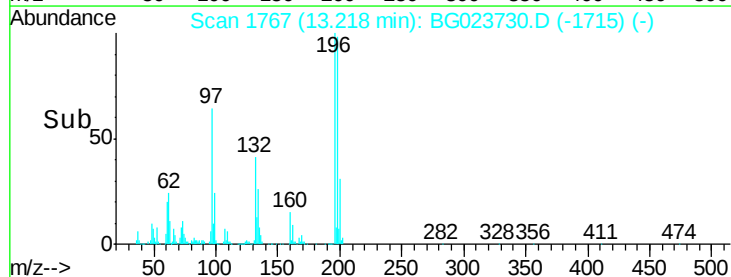
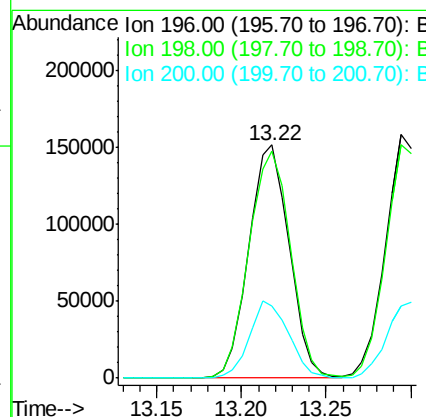
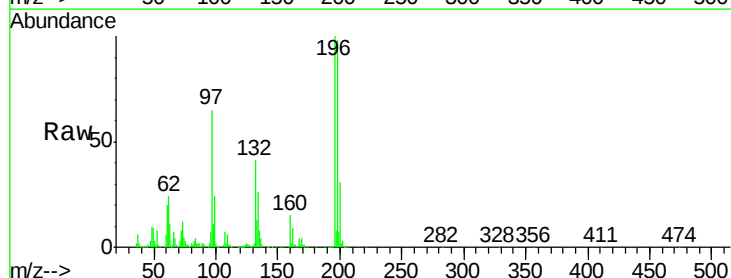
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

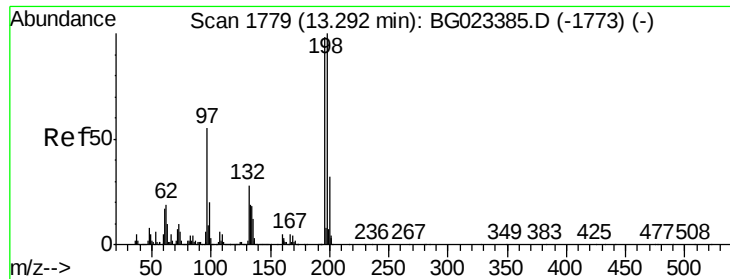
Tgt Ion:330 Resp: 343897
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 38.0 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 39.94 ng
 RT: 13.22 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Tgt Ion:196 Resp: 252402
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.2 117.2
 200 31.2 27.0 40.4

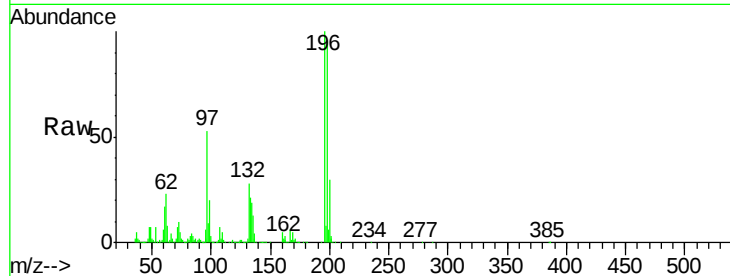




#43
 2,4,5-Trichlorophenol
 Concen: 40.64 ng
 RT: 13.29 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	85.7	128.5
97	53.0	45.5	68.3
132	28.1	18.9	28.3



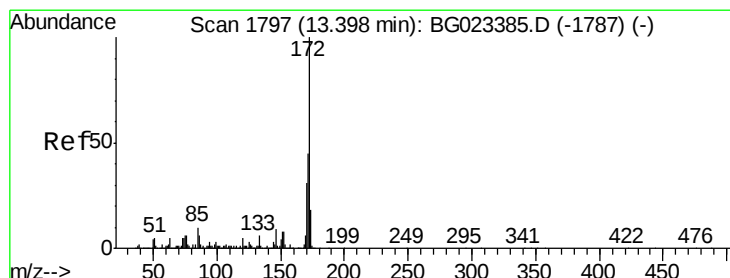
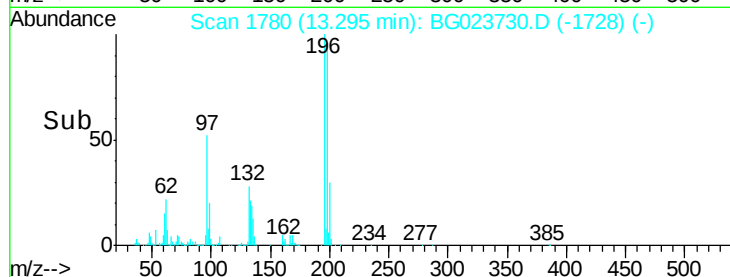
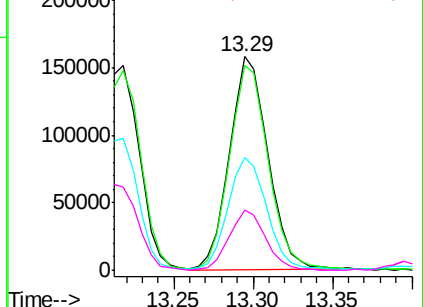
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

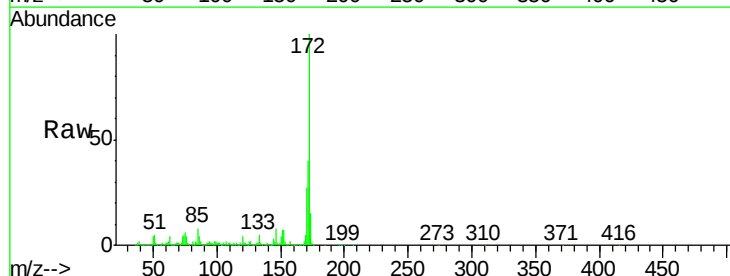
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.19 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.6	47.4
170	26.8	21.3	31.9

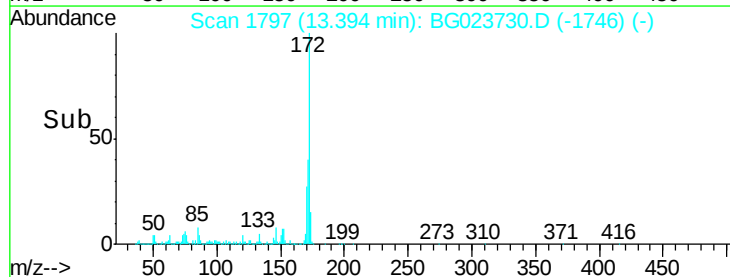
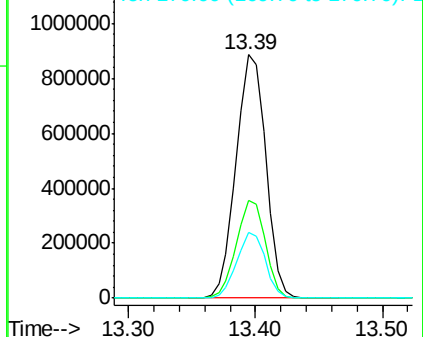


Abundance

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

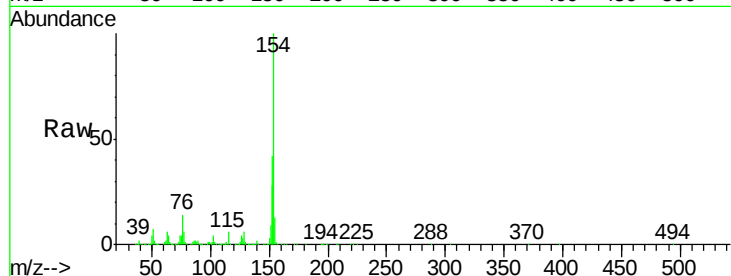




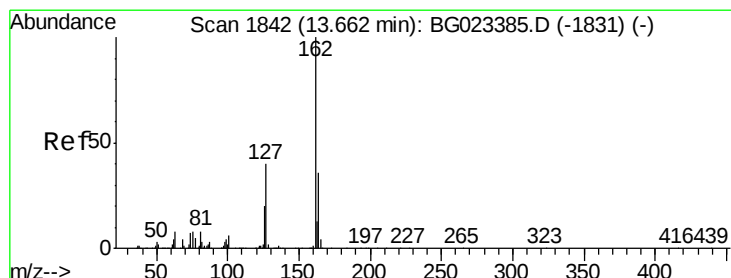
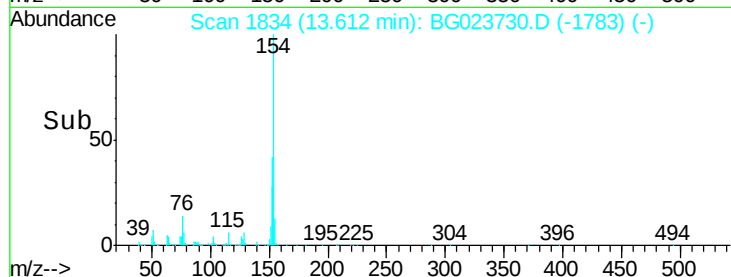
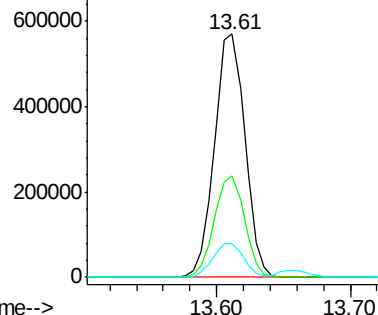
#45
 1,1'-Biphenyl
 Concen: 40.11 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.2	60.2
76	13.7	0.0	32.9

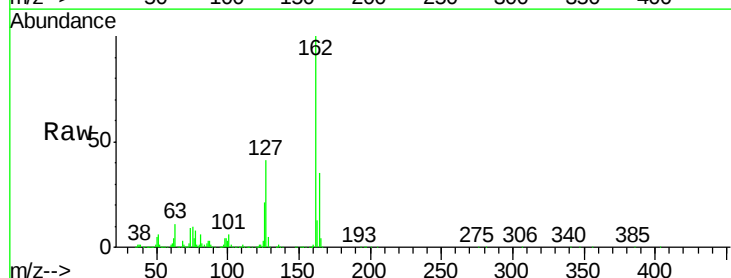


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

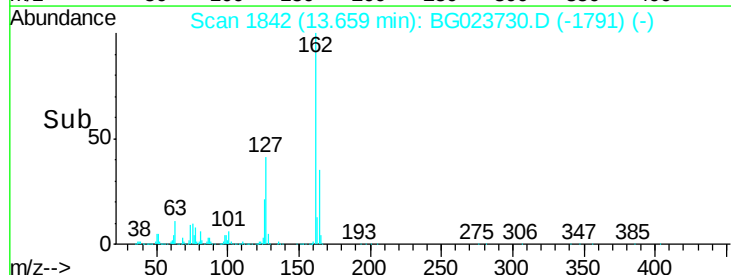
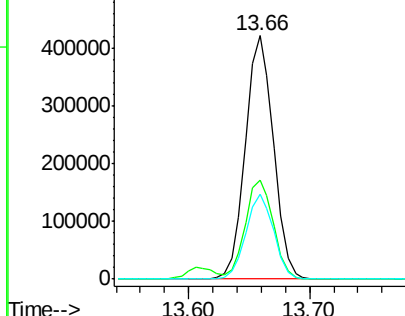


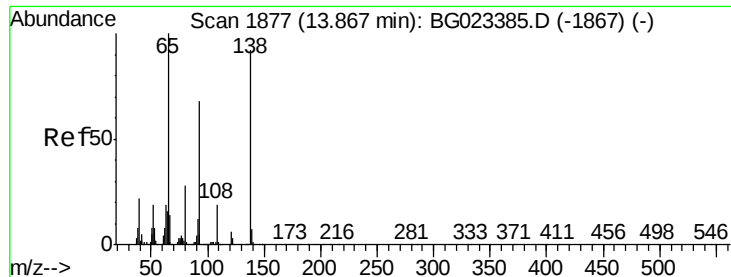
#46
 2-Chloronaphthalene
 Concen: 39.57 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.4	48.6
164	34.7	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

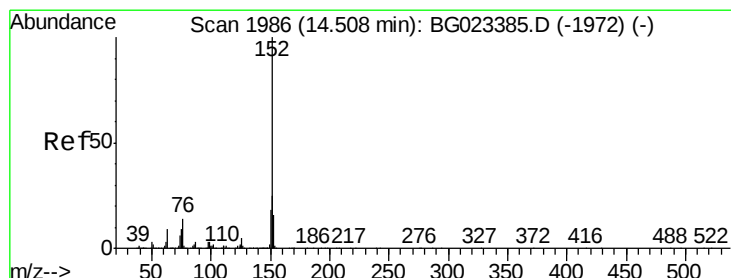
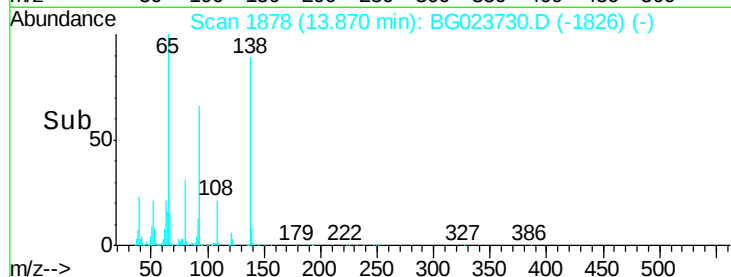
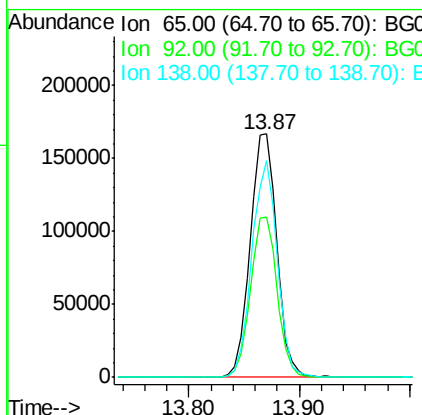
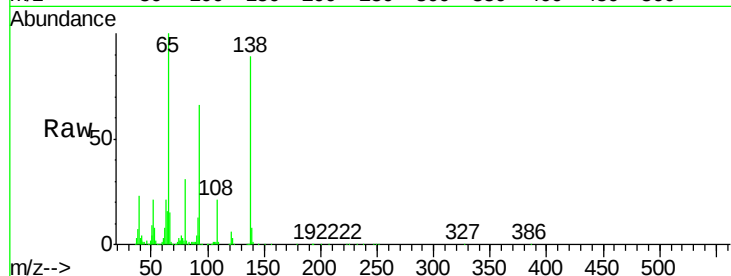




#47
2-Nitroaniline
Concen: 39.55 ng
RT: 13.87 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

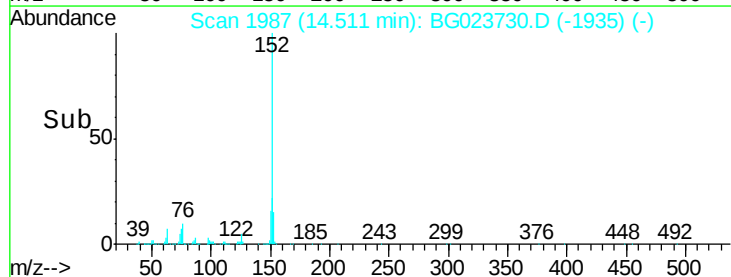
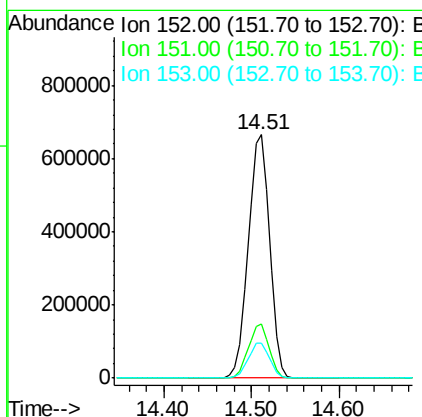
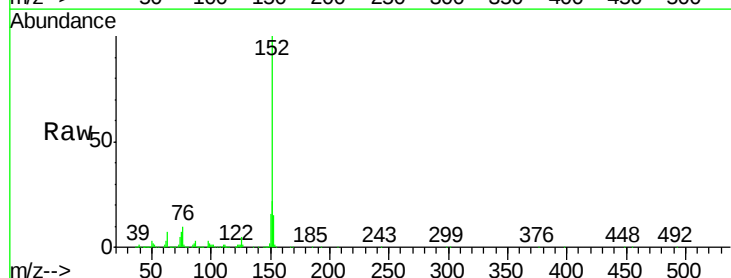
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

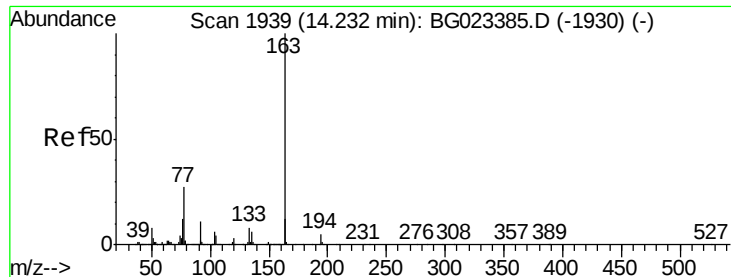
Tgt Ion: 65 Resp: 284095
Ion Ratio Lower Upper
65 100
92 66.1 49.4 74.0
138 89.1 58.0 87.0#



#48
Acenaphthylene
Concen: 40.22 ng
RT: 14.51 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion: 152 Resp: 1099924
Ion Ratio Lower Upper
152 100
151 22.2 17.6 26.4
153 14.5 11.4 17.2





#49

Dimethylphthalate

Concen: 42.95 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

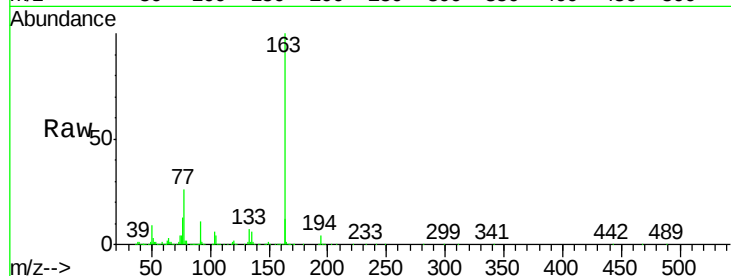
Tgt Ion:163 Resp: 964038

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

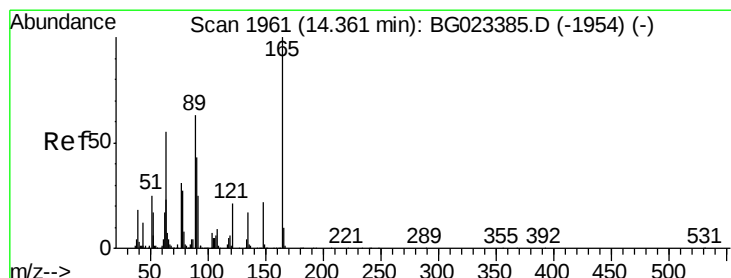
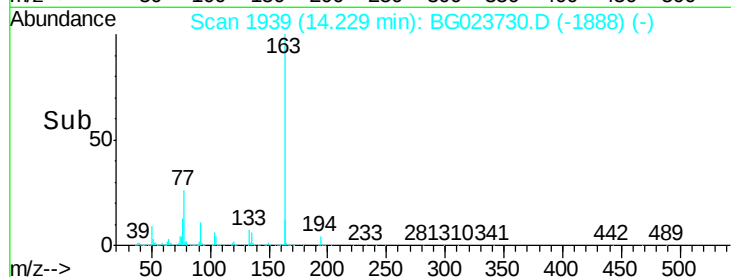
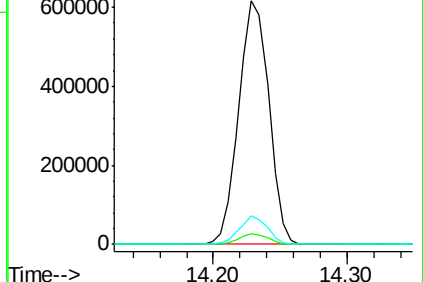
164 11.8 8.1 12.1



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: 39.96 ng

RT: 14.36 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

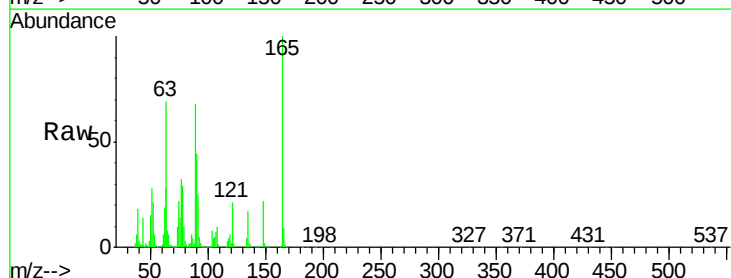
Tgt Ion:165 Resp: 212398

Ion Ratio Lower Upper

165 100

63 68.8 64.3 96.5

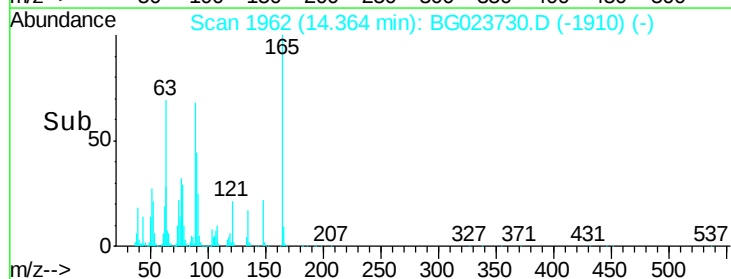
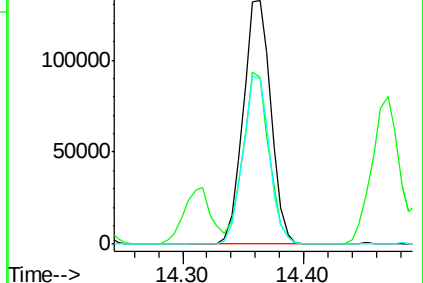
89 68.2 64.3 96.5

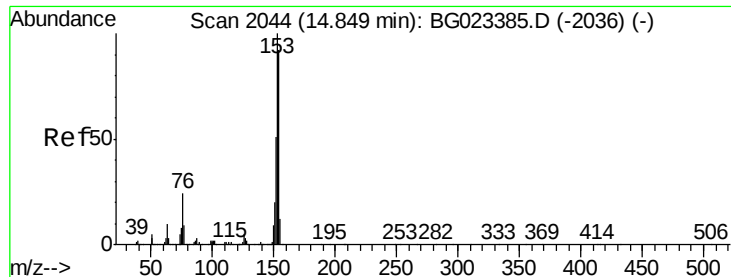


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.40 ng

RT: 14.85 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

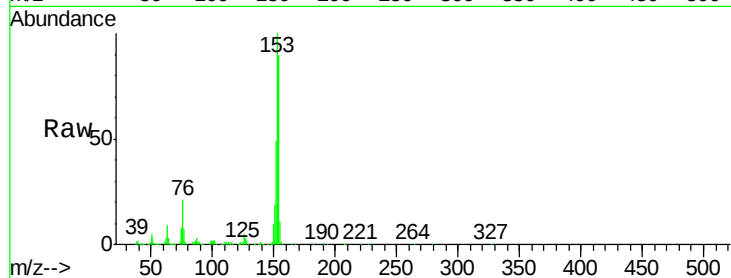
Tgt Ion:154 Resp: 682583

Ion Ratio Lower Upper

154 100

153 110.9 87.5 131.3

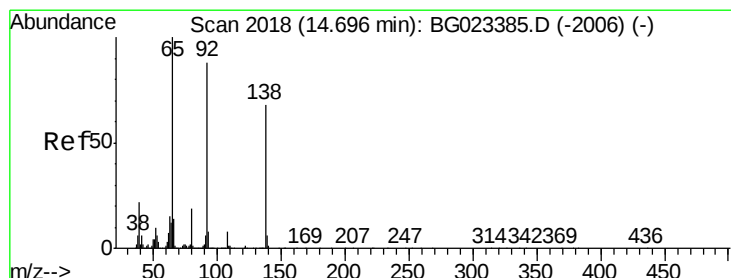
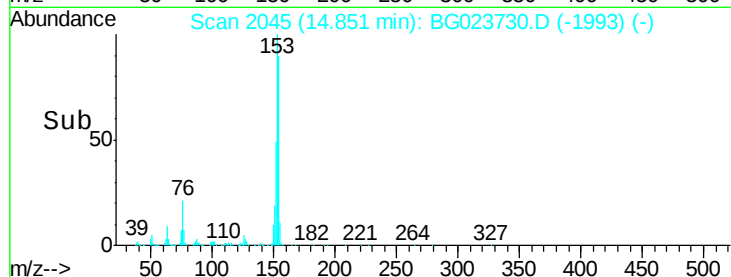
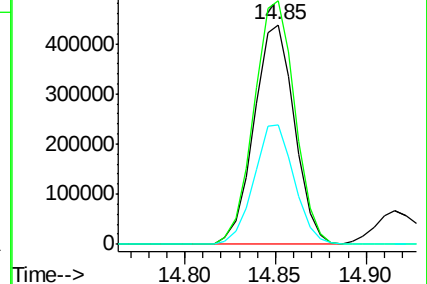
152 54.3 42.7 64.1



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: 36.04 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

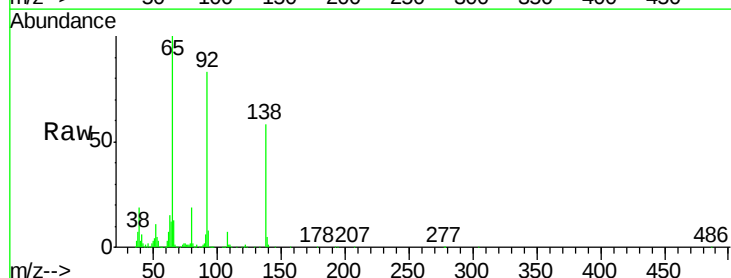
Tgt Ion:138 Resp: 215999

Ion Ratio Lower Upper

138 100

108 11.8 11.7 17.5

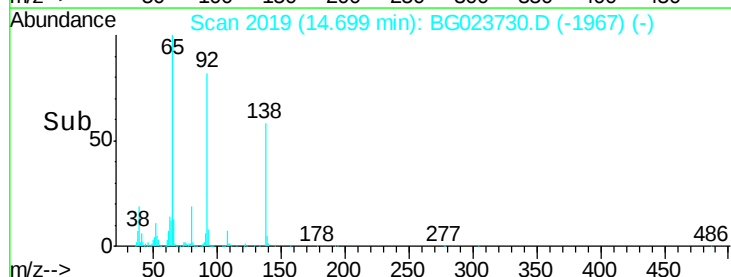
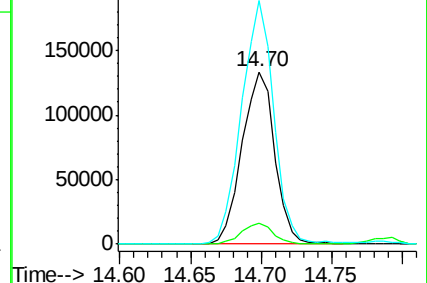
92 141.5 129.7 194.5

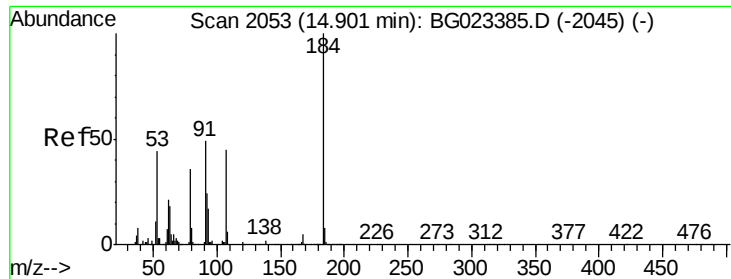


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

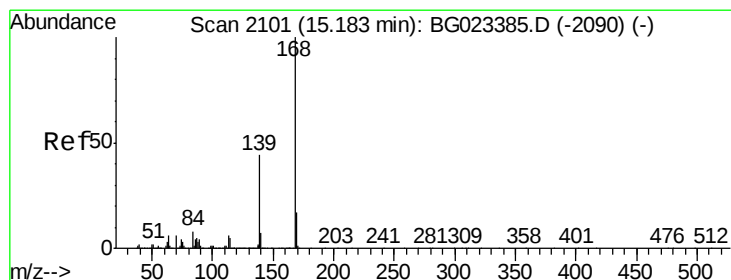
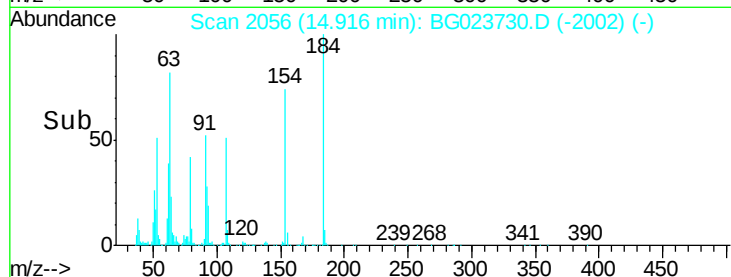
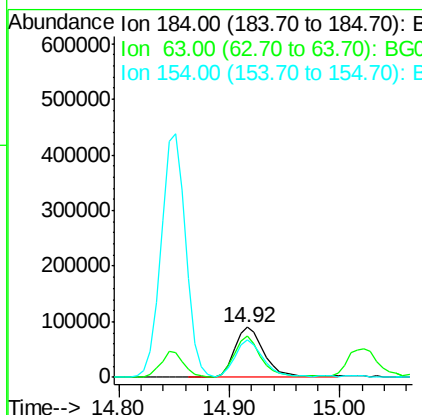
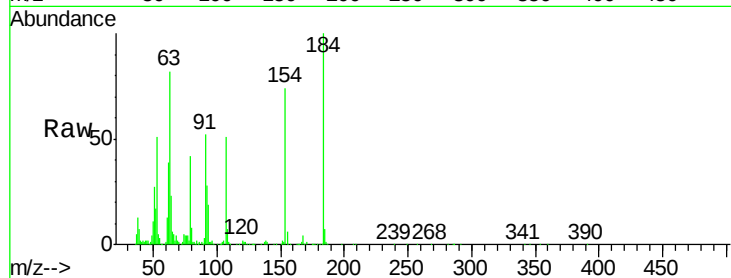




#53
2,4-Dinitrophenol
Concen: 50.64 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

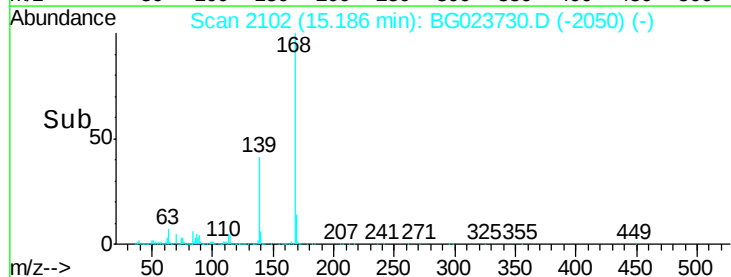
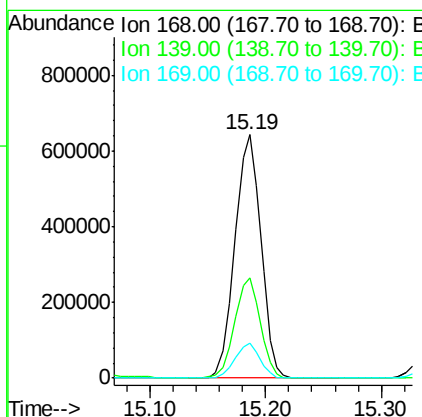
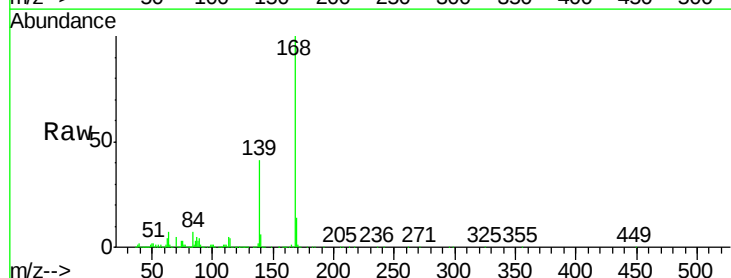
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

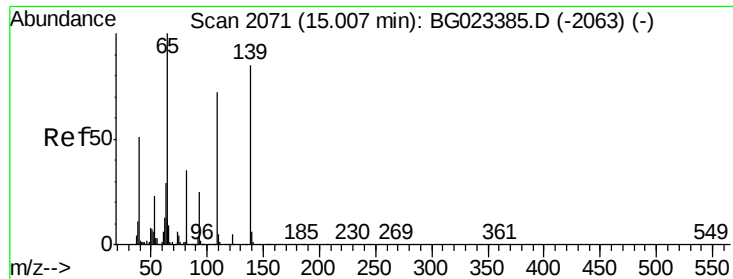
Tgt Ion:184 Resp: 172546
Ion Ratio Lower Upper
184 100
63 81.8 59.6 89.4
154 73.8 67.4 101.0



#54
Dibenzofuran
Concen: 39.70 ng
RT: 15.19 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion:168 Resp: 998636
Ion Ratio Lower Upper
168 100
139 41.1 36.4 54.6
169 14.4 11.9 17.9

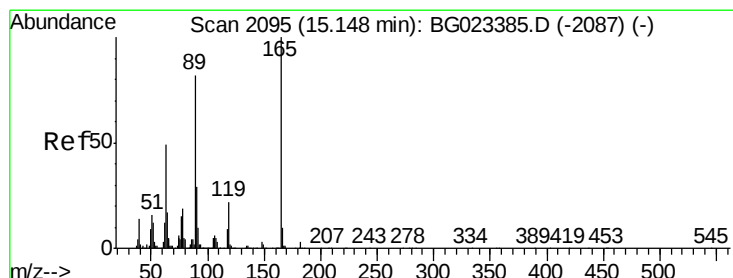
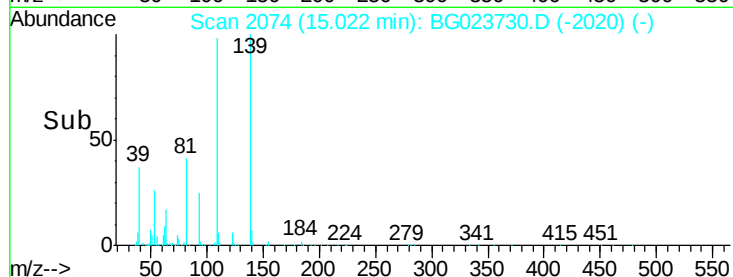
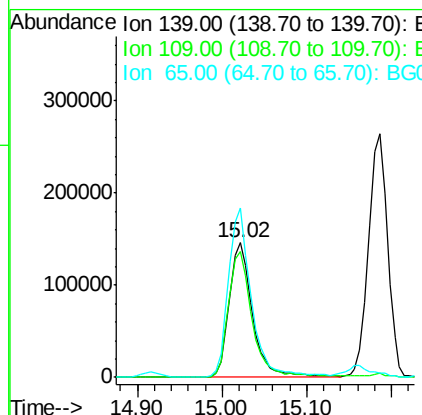
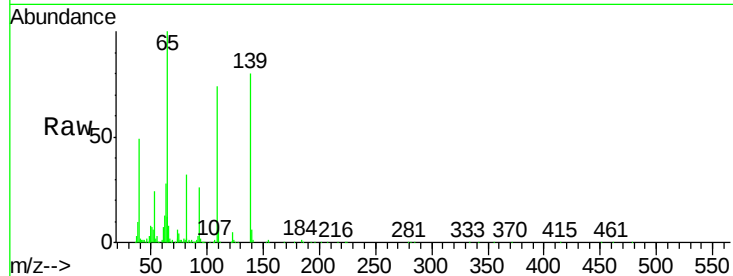




#55
4-Nitrophenol
Concen: 59.08 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

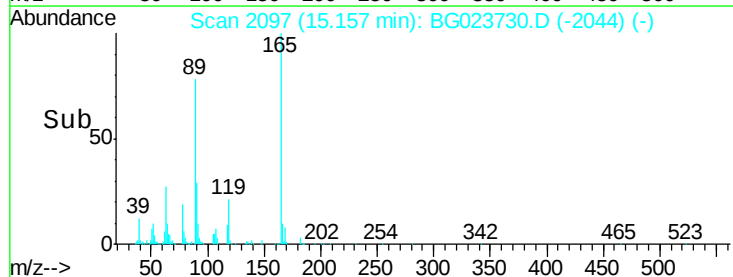
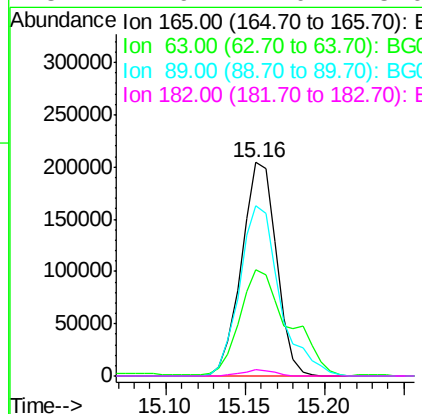
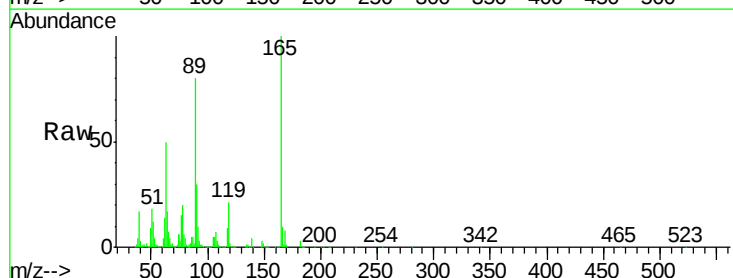
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

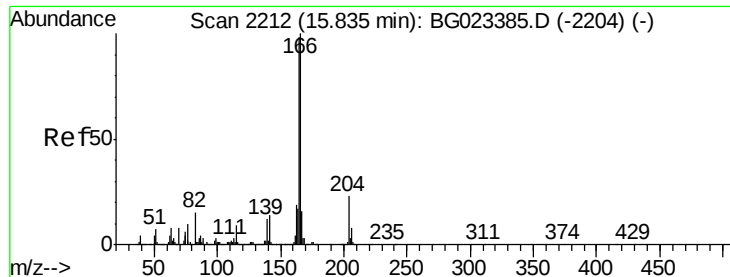
Tgt Ion:139 Resp: 278127
Ion Ratio Lower Upper
139 100
109 93.1 103.0 143.0#
65 125.4 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 41.87 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion:165 Resp: 312327
Ion Ratio Lower Upper
165 100
63 49.6 45.8 68.6
89 79.9 68.6 102.8
182 2.9 2.0 3.0

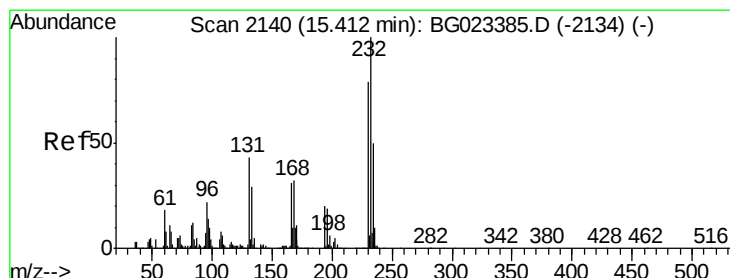
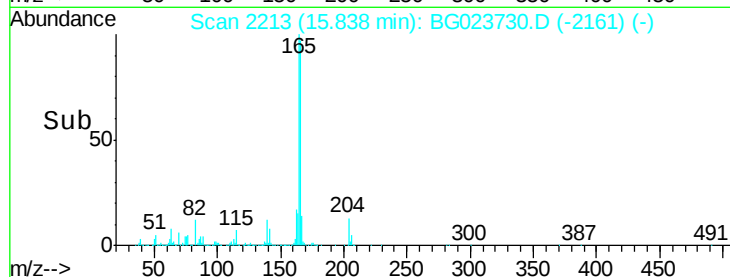
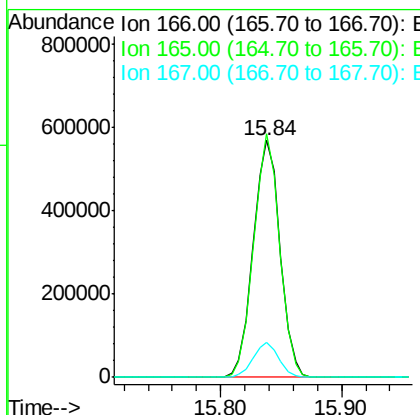
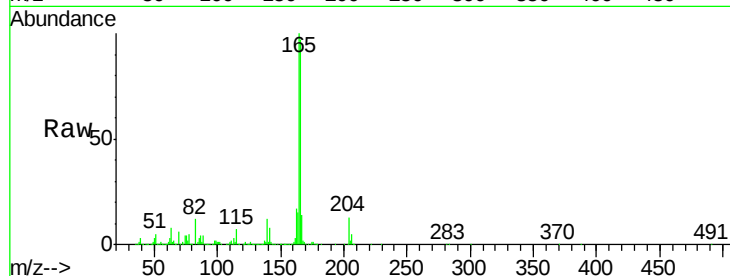




#57
Fluorene
 Concen: 40.06 ng
 RT: 15.84 min Scan# 2213
 Delta R.T. 0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

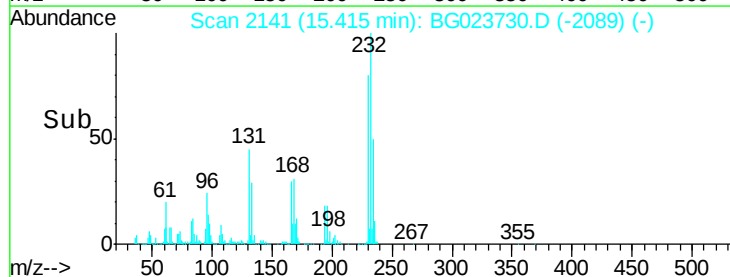
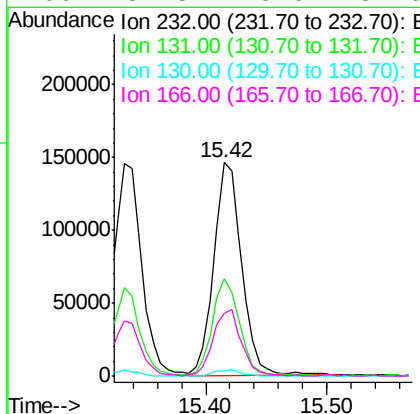
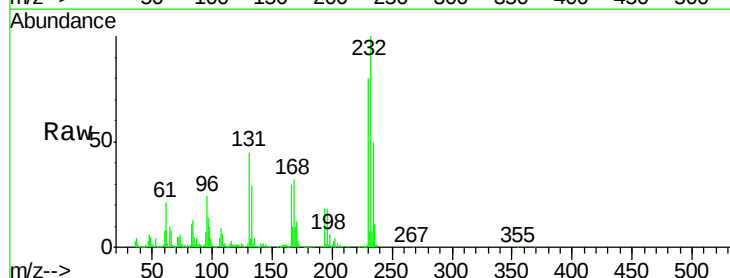
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

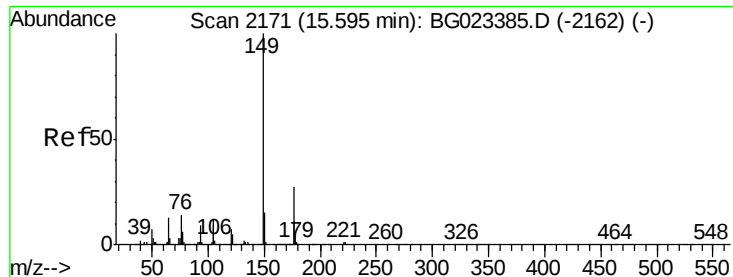
Tgt Ion	Resp	Lower	Upper
166	100		
165	102.8	81.0	121.6
167	14.6	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.86 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Tgt Ion	Resp	Lower	Upper
232	100		
131	43.6	32.7	49.1
130	2.9	2.6	3.8
166	31.3	23.0	34.6

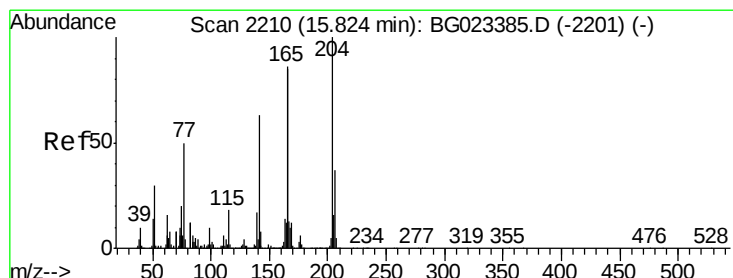
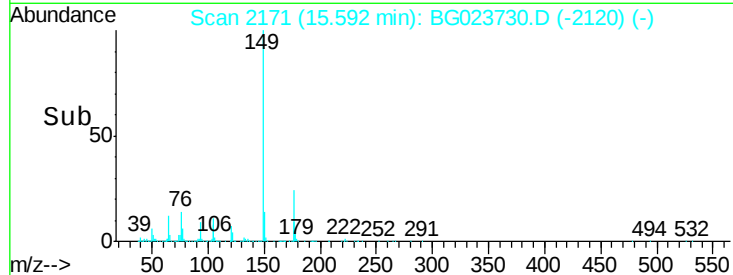
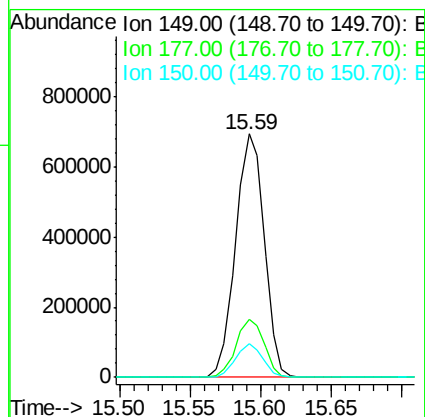
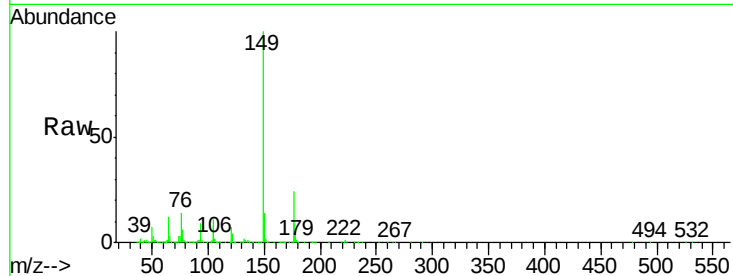




#59
Diethylphthalate
Concen: 43.07 ng
RT: 15.59 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

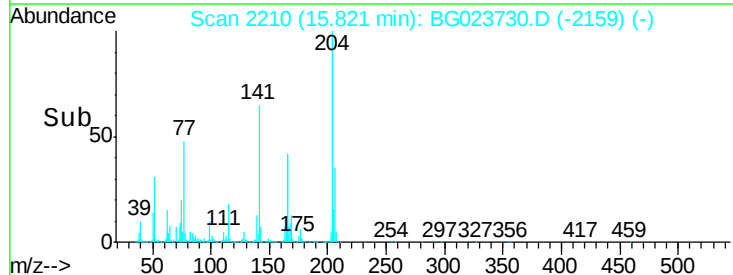
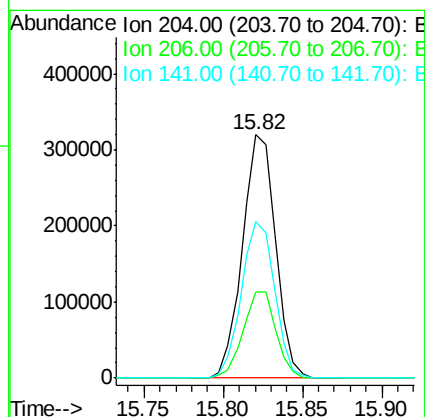
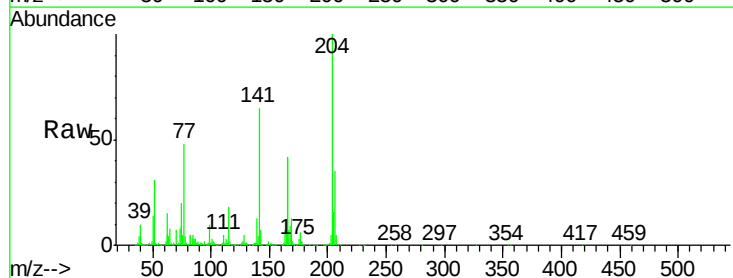
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

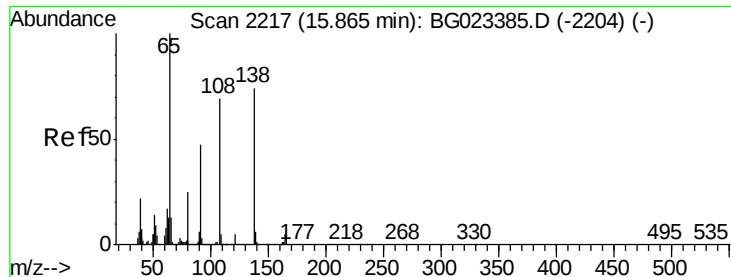
Tgt Ion:149 Resp: 981219
Ion Ratio Lower Upper
149 100
177 23.8 19.2 28.8
150 13.7 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 39.92 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion:204 Resp: 463696
Ion Ratio Lower Upper
204 100
206 35.4 28.5 42.7
141 64.5 51.4 77.0

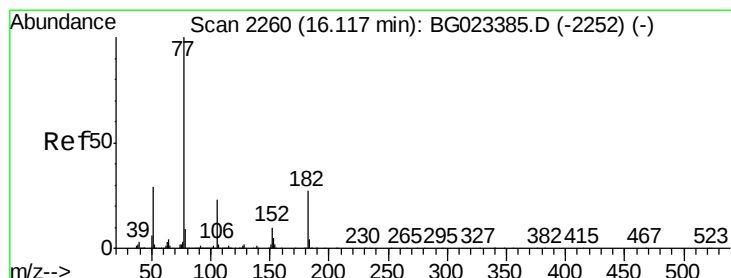
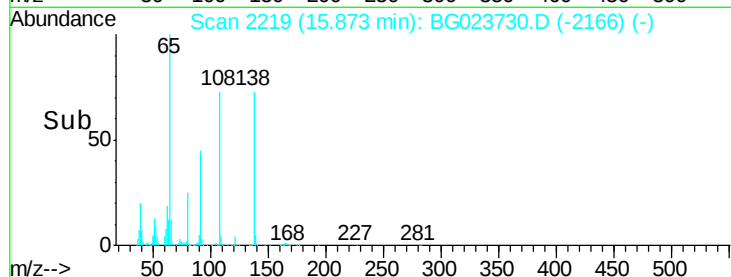
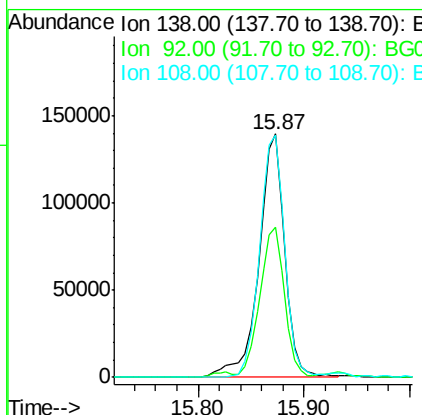
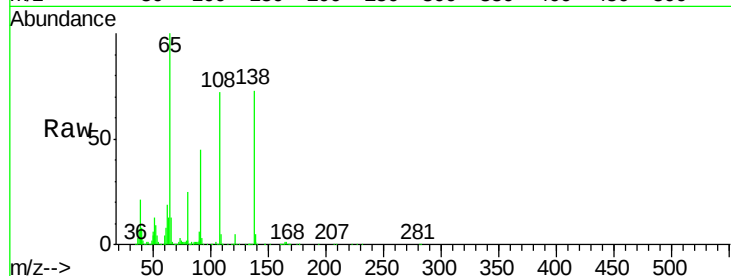




#61
4-Nitroaniline
Concen: 37.28 ng
RT: 15.87 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

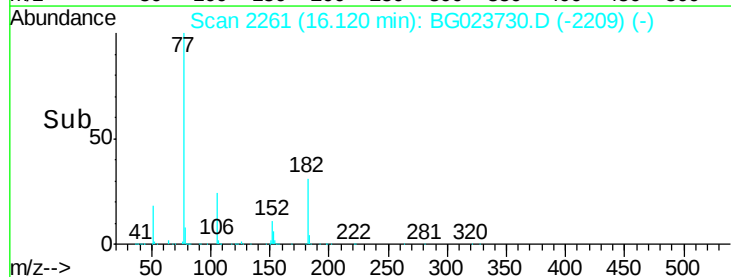
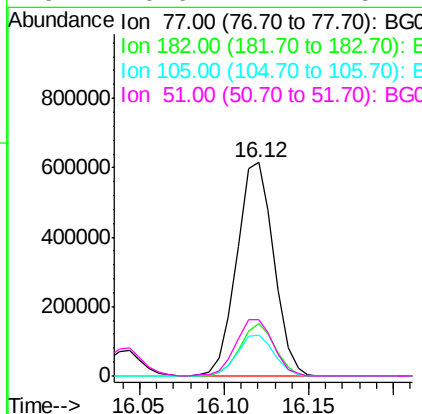
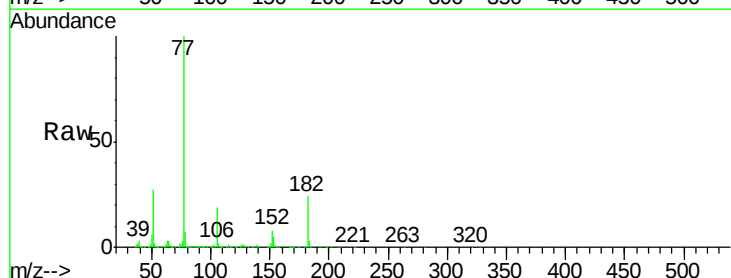
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

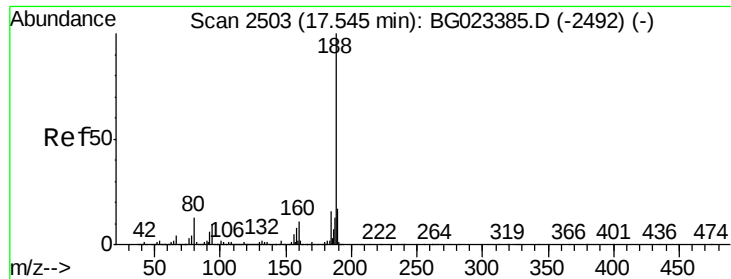
Tgt Ion: 138 Resp: 237919
Ion Ratio Lower Upper
138 100
92 61.5 54.1 94.1
108 99.6 133.9 173.9#



#62
Azobenzene
Concen: 40.45 ng
RT: 16.12 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion: 77 Resp: 934121
Ion Ratio Lower Upper
77 100
182 24.4 3.5 43.5
105 19.3 0.0 38.5
51 26.6 17.1 57.1

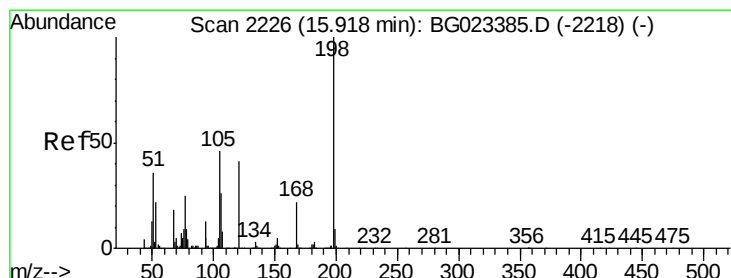
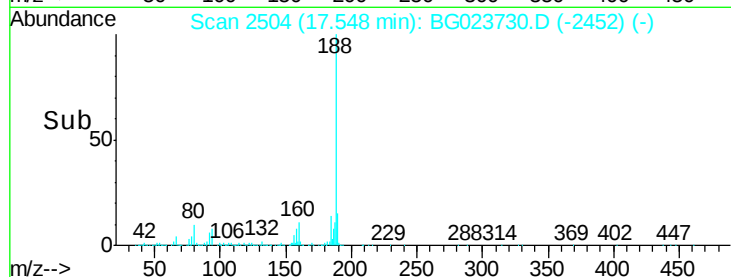
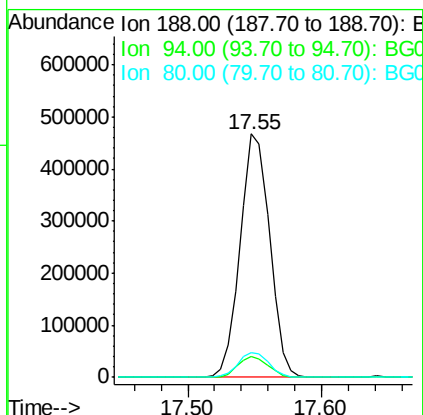
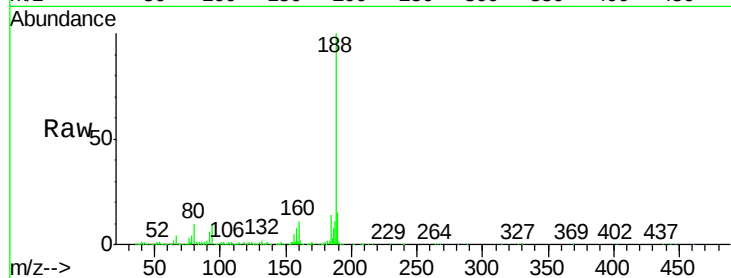




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

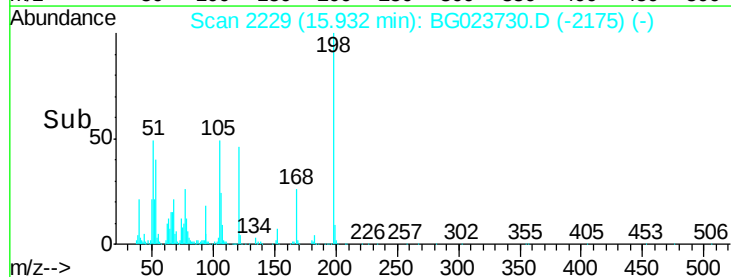
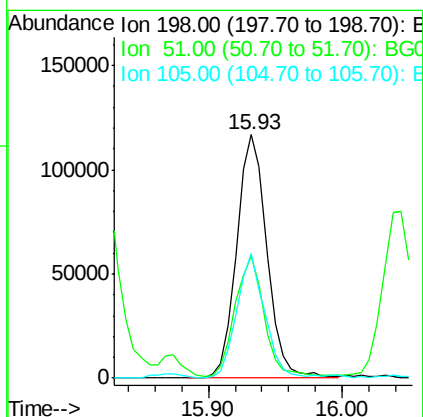
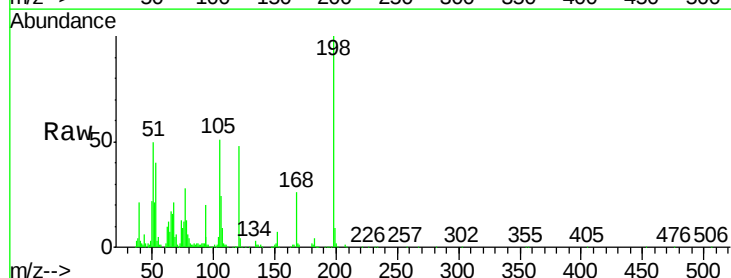
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

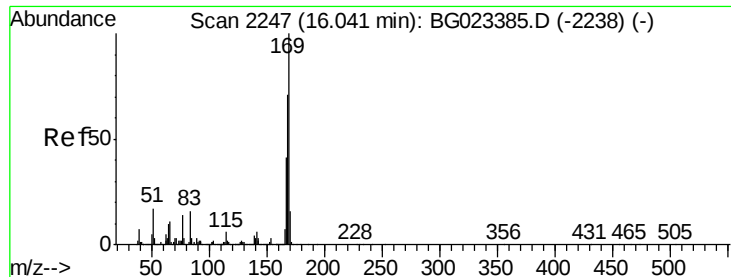
Tgt Ion:188 Resp: 713574
Ion Ratio Lower Upper
188 100
94 8.5 5.2 7.8#
80 10.1 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.86 ng
RT: 15.93 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion:198 Resp: 183678
Ion Ratio Lower Upper
198 100
51 50.0 26.0 66.0
105 51.0 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 37.69 ng

RT: 16.04 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

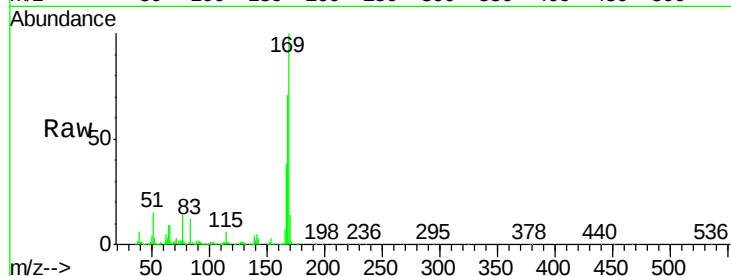
Tgt Ion:169 Resp: 788943

Ion Ratio Lower Upper

169 100

168 70.9 55.0 82.4

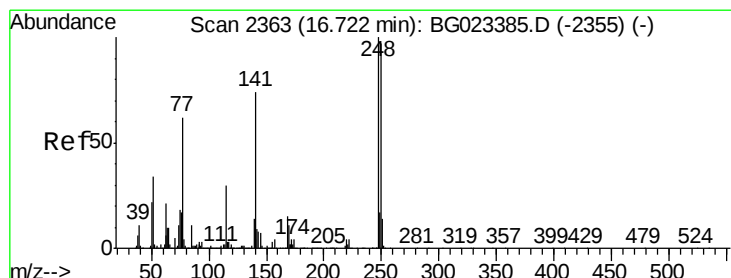
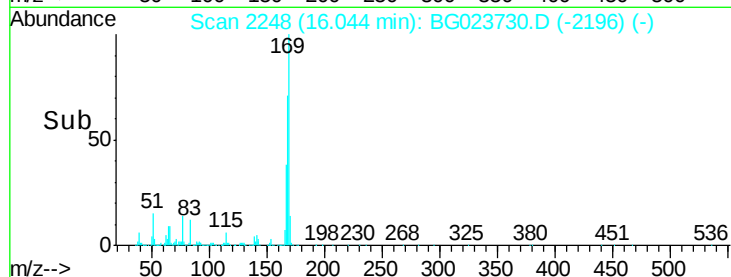
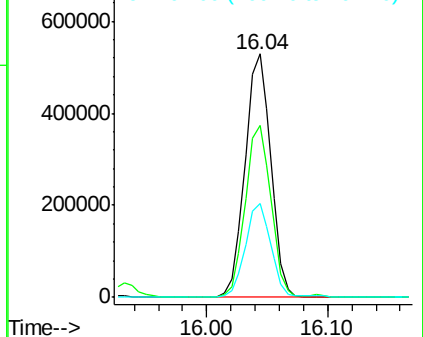
167 38.4 27.4 41.0



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: 38.69 ng

RT: 16.73 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

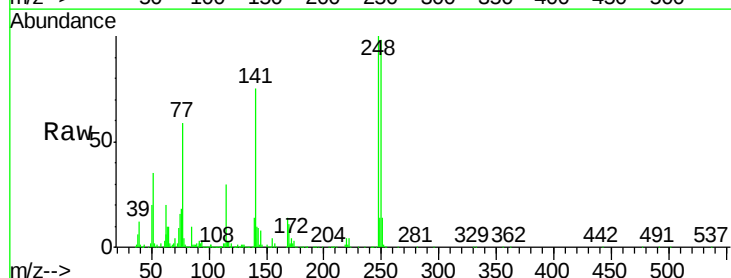
Tgt Ion:248 Resp: 321775

Ion Ratio Lower Upper

248 100

250 97.7 77.8 116.8

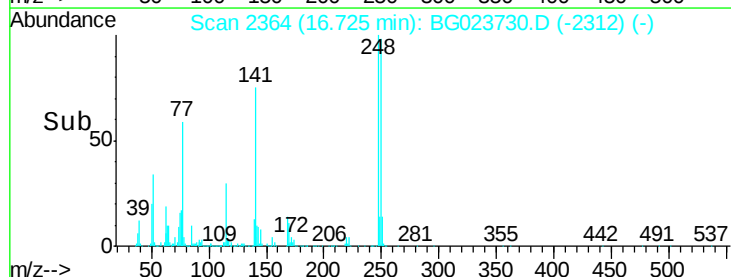
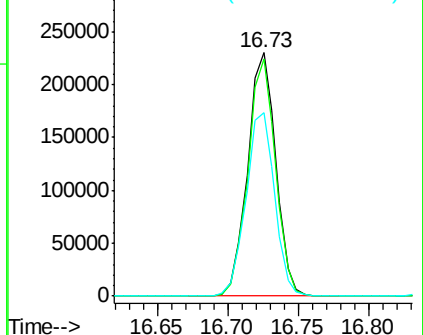
141 75.4 65.7 98.5

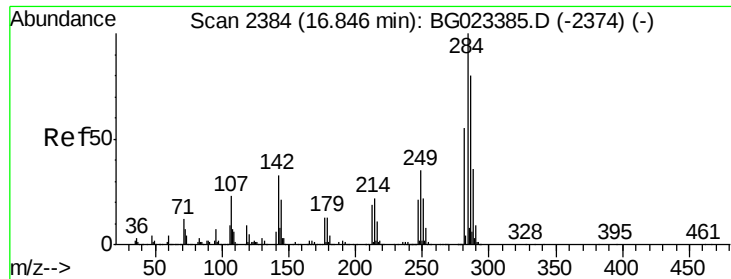


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.77 ng

RT: 16.85 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

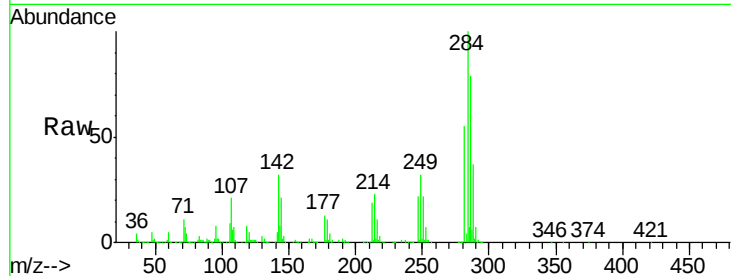
Tgt Ion:284 Resp: 343650

Ion Ratio Lower Upper

284 100

142 32.0 26.8 40.2

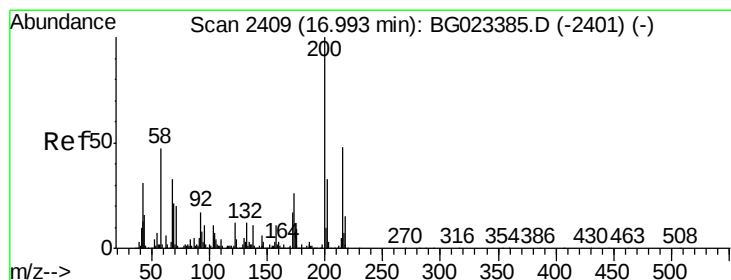
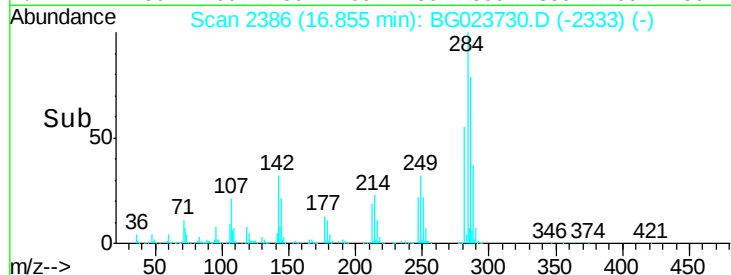
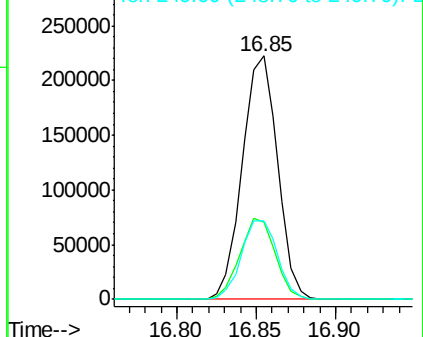
249 32.2 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.59 ng

RT: 17.00 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

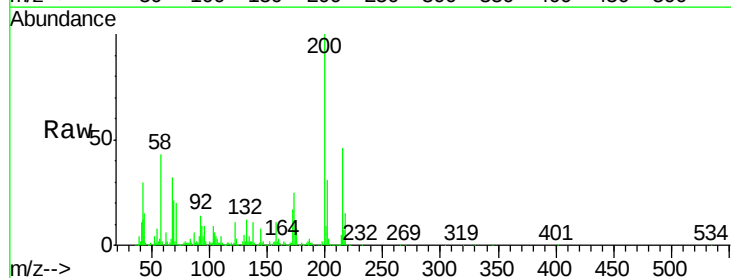
Tgt Ion:200 Resp: 326214

Ion Ratio Lower Upper

200 100

173 24.9 1.6 41.6

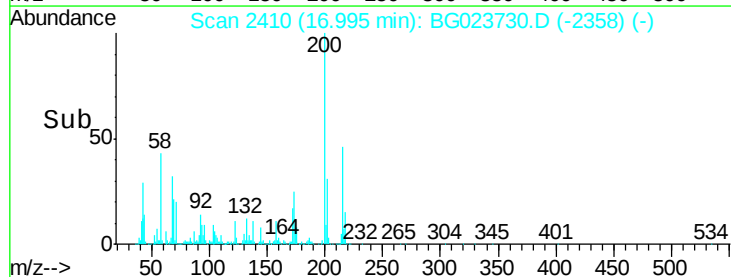
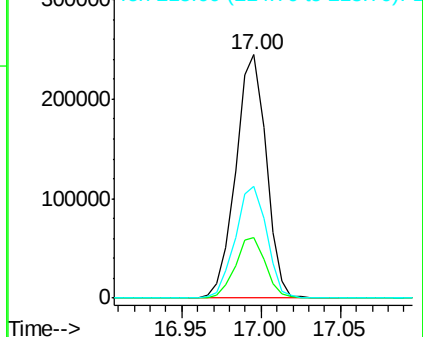
215 46.1 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

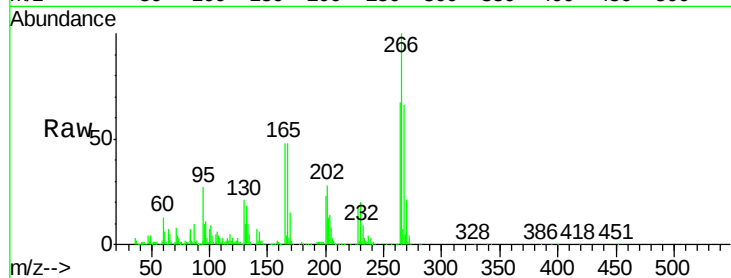




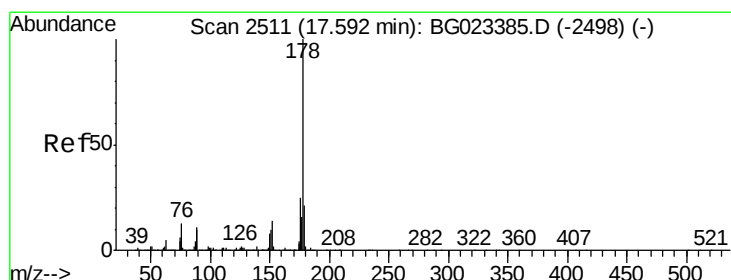
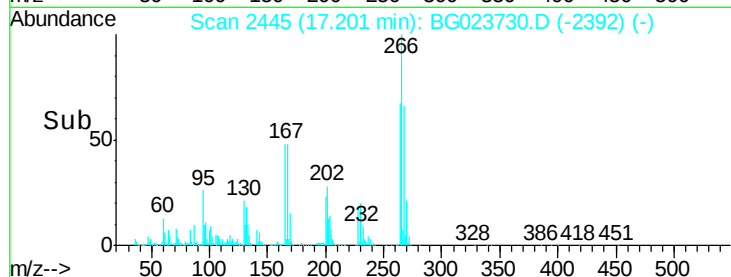
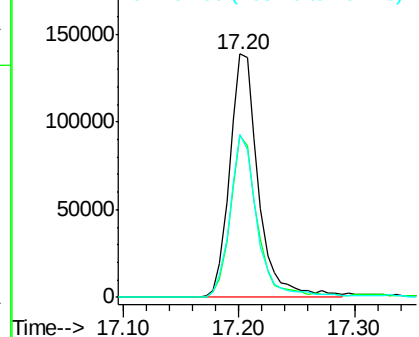
#69
 Pentachlorophenol
 Concen: 44.96 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.9	77.9
264	66.8	50.6	75.8

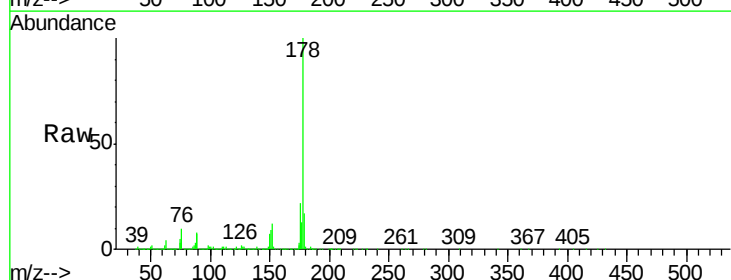


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

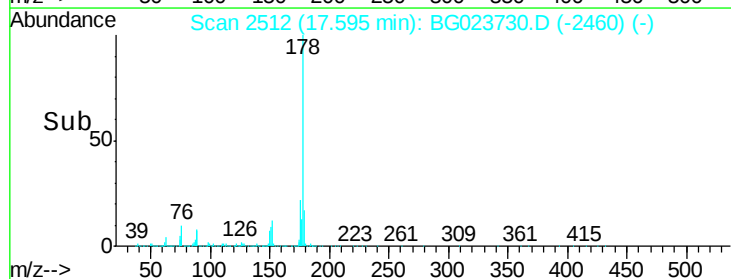
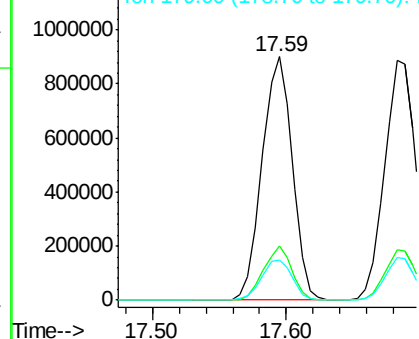


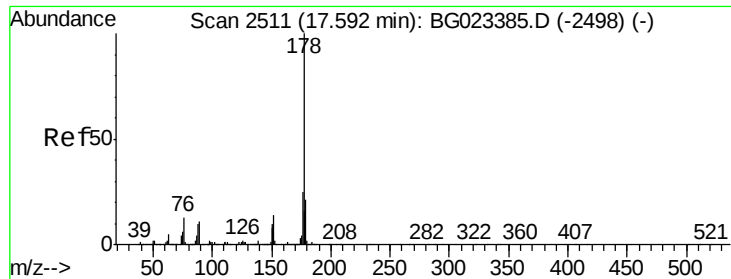
#70
 Phenanthrene
 Concen: 38.85 ng
 RT: 17.59 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	16.8	25.2
179	16.7	14.3	21.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.23 ng

RT: 17.68 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

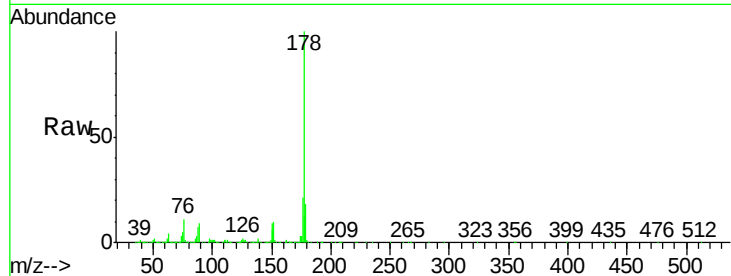
Tgt Ion:178 Resp: 1428614

Ion Ratio Lower Upper

178 100

176 21.1 17.3 25.9

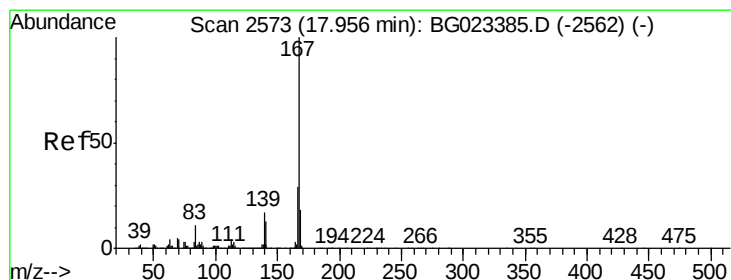
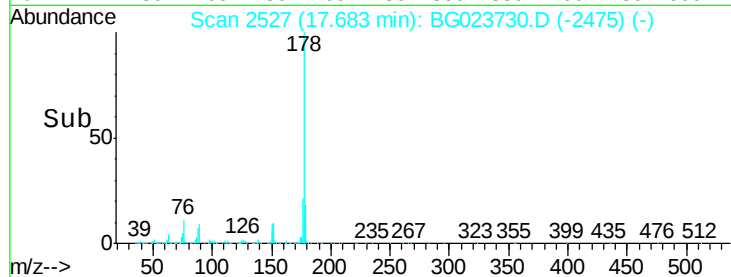
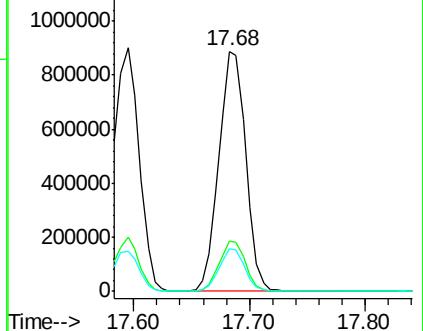
179 17.7 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.98 ng

RT: 17.96 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

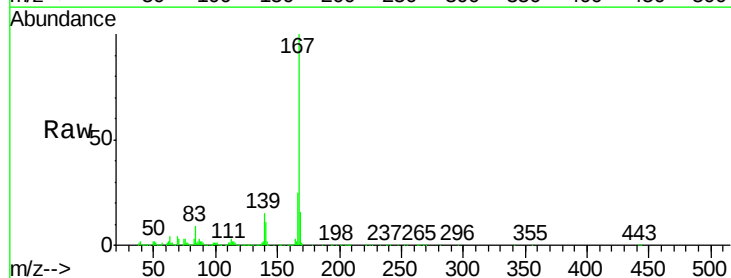
Tgt Ion:167 Resp: 1310643

Ion Ratio Lower Upper

167 100

166 24.9 20.7 31.1

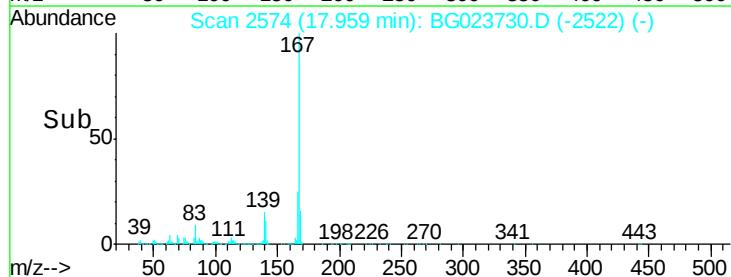
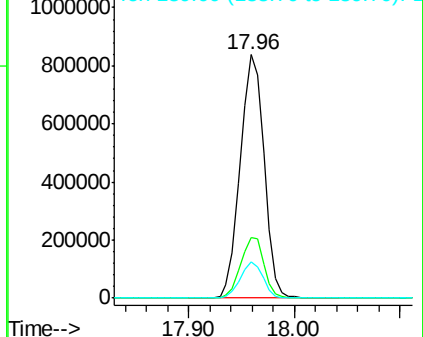
139 14.9 11.9 17.9

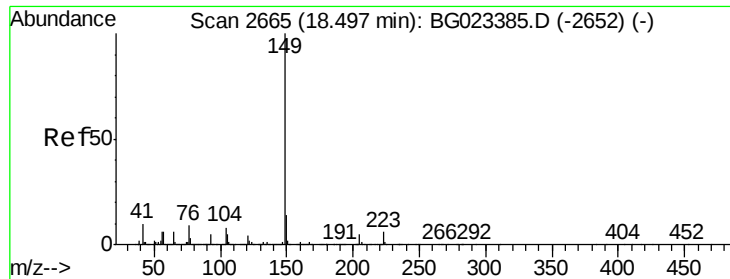


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.72 ng

RT: 18.49 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

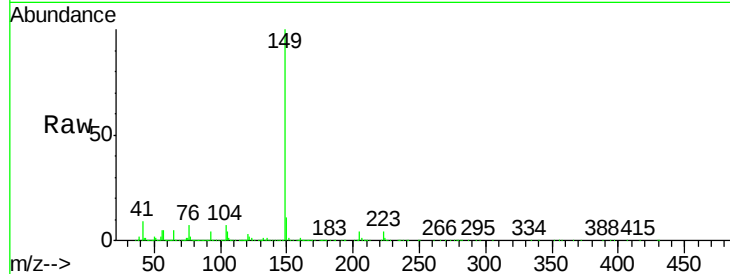
Tgt Ion:149 Resp: 1613198

Ion Ratio Lower Upper

149 100

150 11.0 9.1 13.7

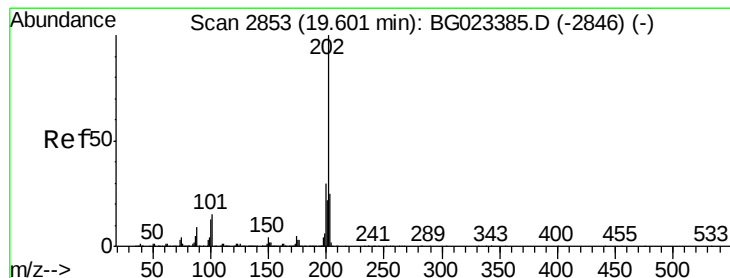
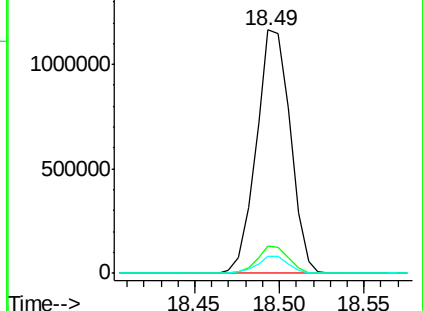
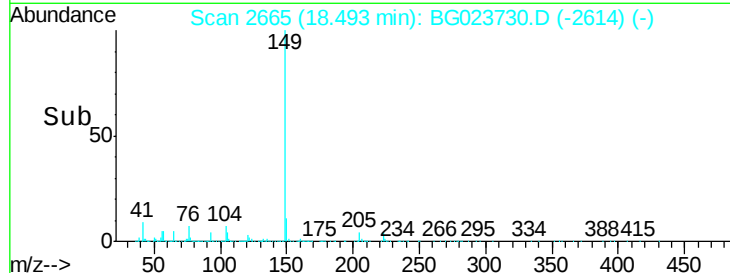
104 7.3 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.12 ng

RT: 19.60 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

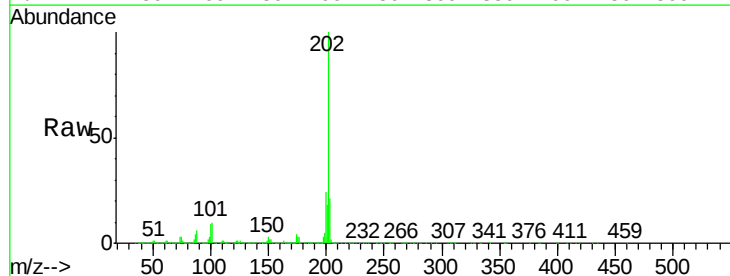
Tgt Ion:202 Resp: 1645648

Ion Ratio Lower Upper

202 100

101 10.4 0.0 27.4

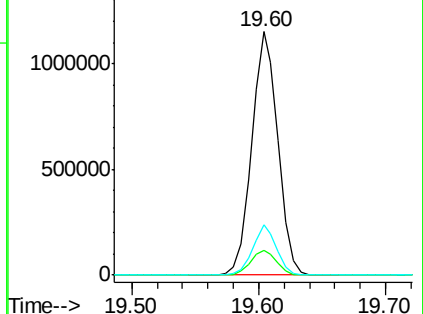
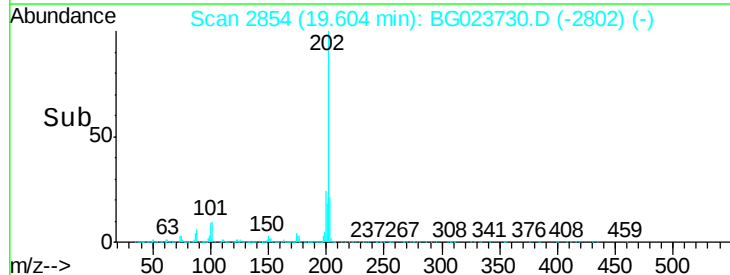
203 20.7 1.7 41.7

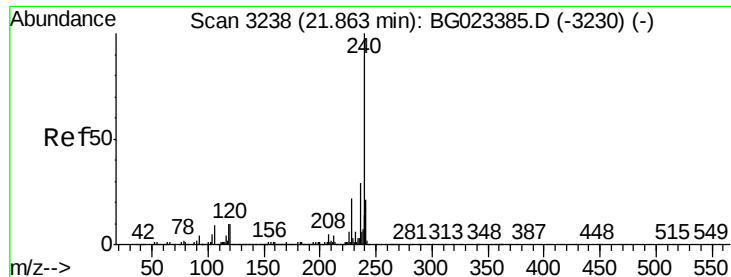


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3240

Delta R.T. 0.01 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

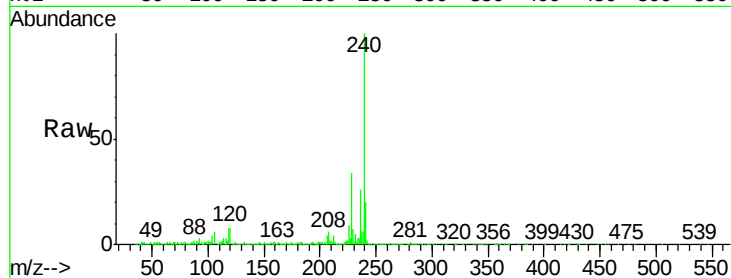
Tgt Ion:240 Resp: 744414

Ion Ratio Lower Upper

240 100

120 7.5 4.1 6.1#

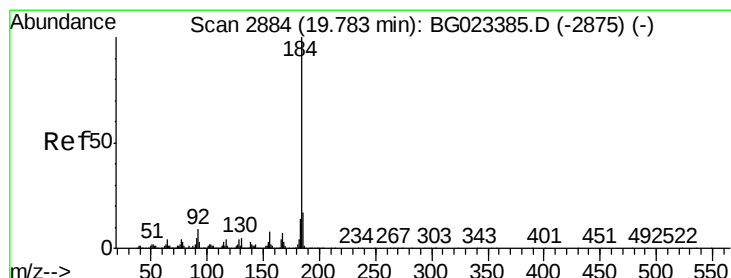
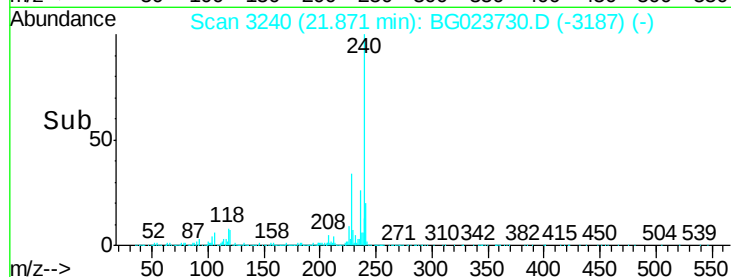
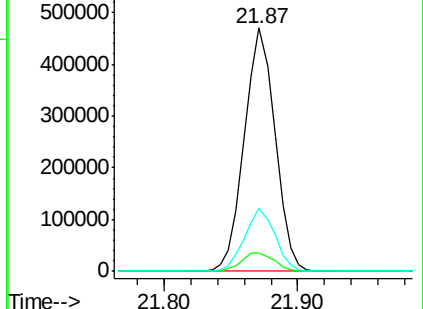
236 26.1 21.1 31.7



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: 37.87 ng

RT: 19.79 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

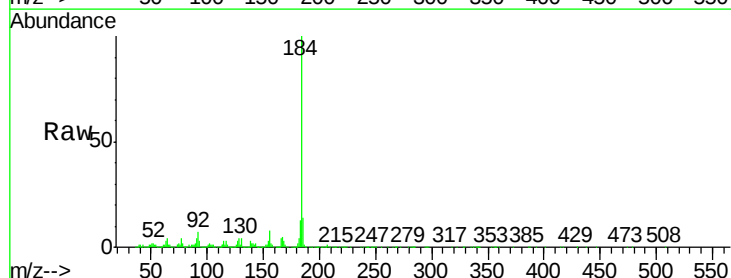
Tgt Ion:184 Resp: 783665

Ion Ratio Lower Upper

184 100

185 13.9 12.6 19.0

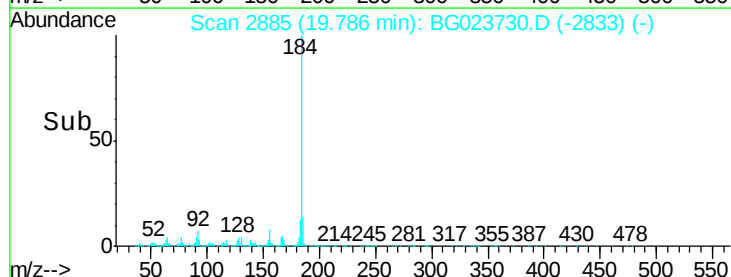
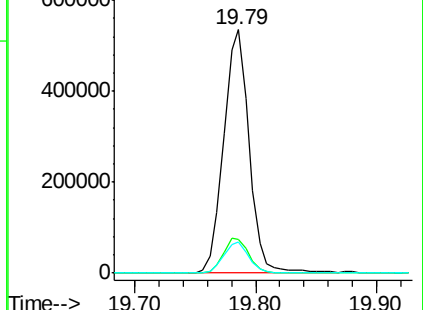
183 12.7 10.7 16.1

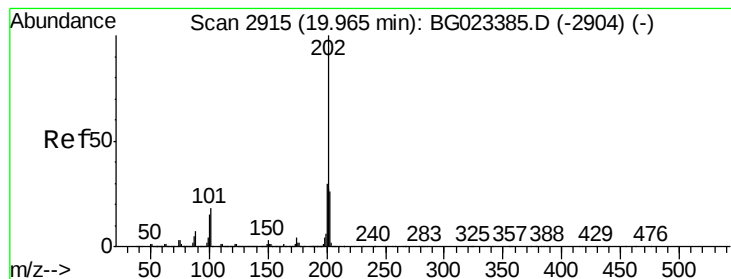


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.63 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

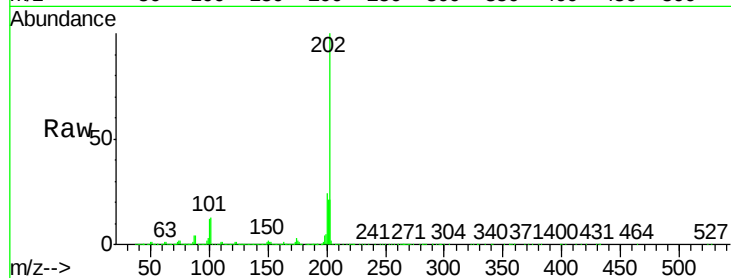
Tgt Ion:202 Resp: 1647296

Ion Ratio Lower Upper

202 100

200 24.4 21.2 31.8

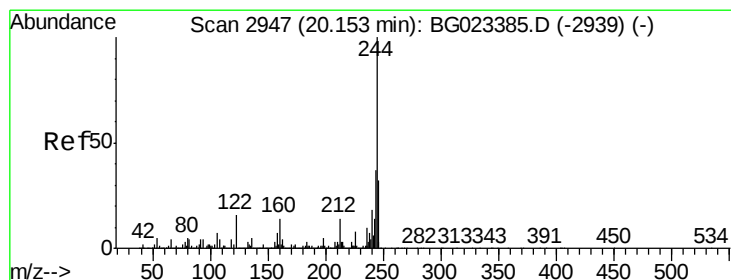
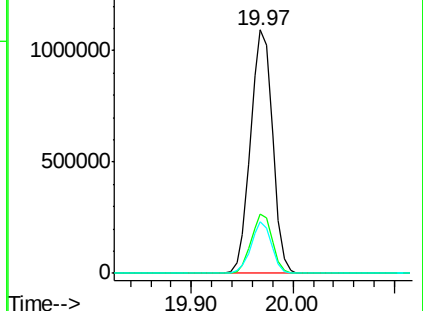
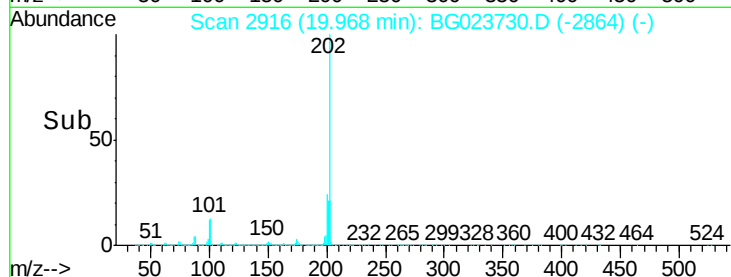
203 21.2 16.8 25.2



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: 86.11 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

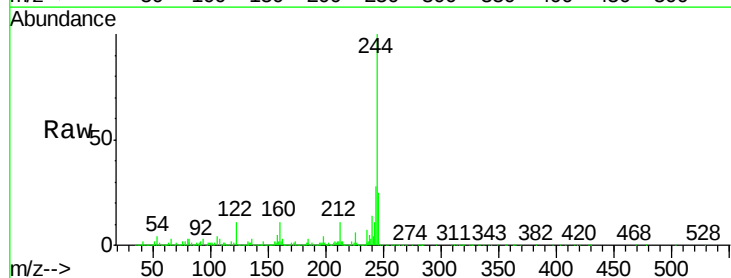
Tgt Ion:244 Resp: 2042477

Ion Ratio Lower Upper

244 100

212 10.9 10.8 16.2

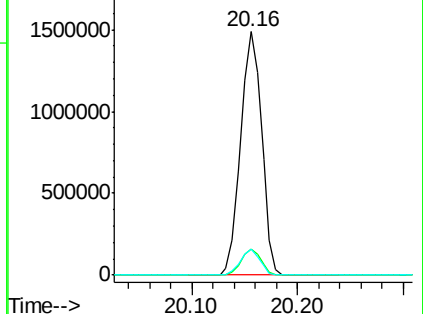
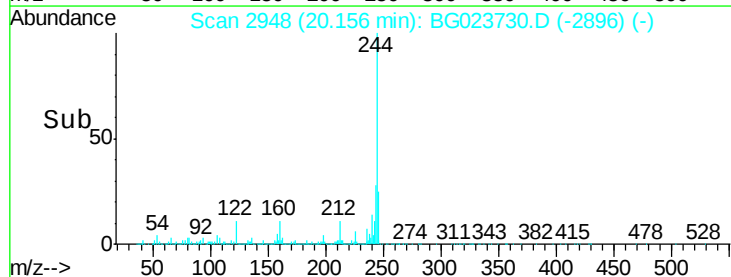
122 10.9 8.0 12.0

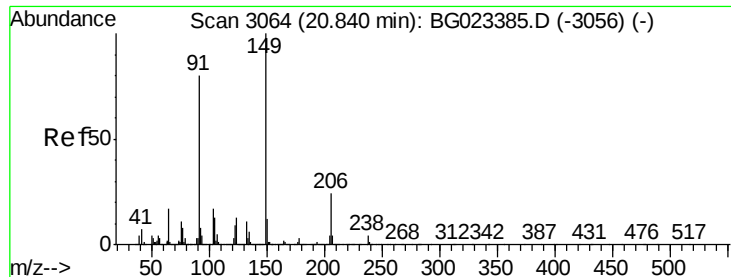


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

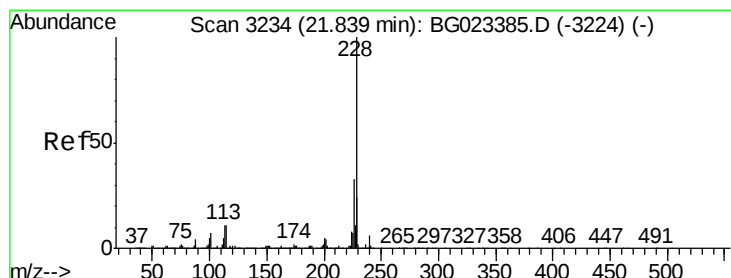
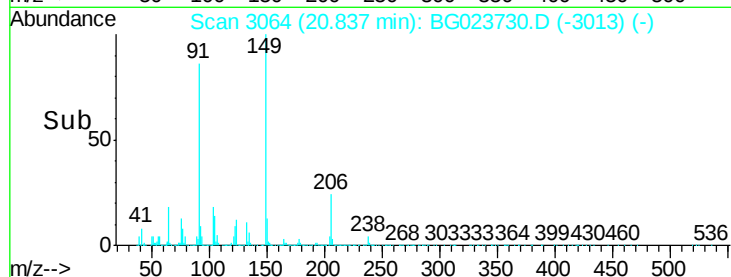
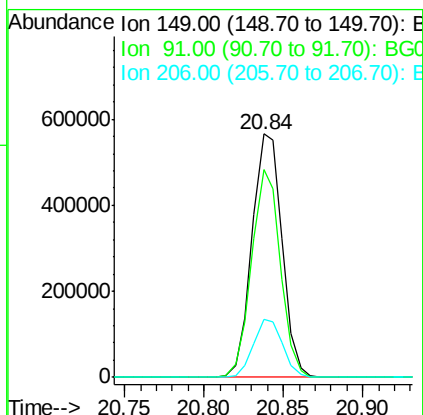
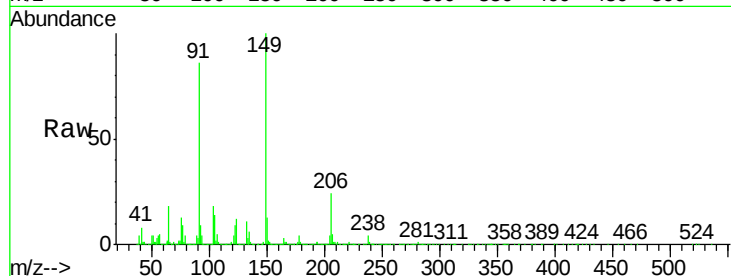




#79
Butylbenzylphthalate
Concen: 41.66 ng
RT: 20.84 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

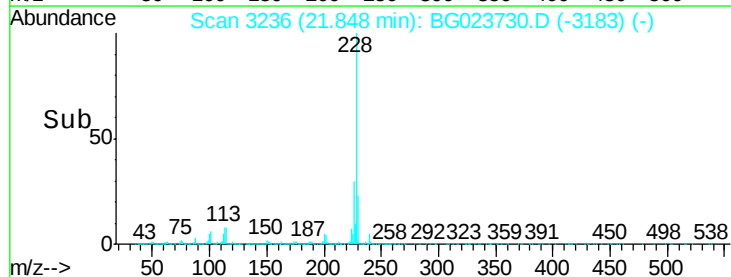
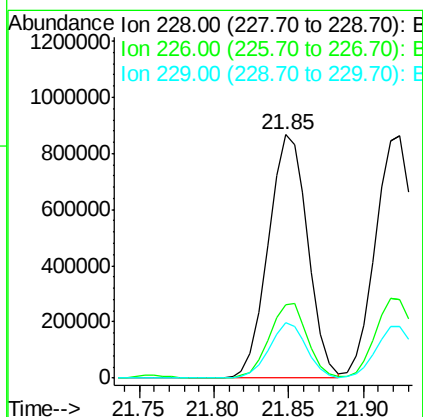
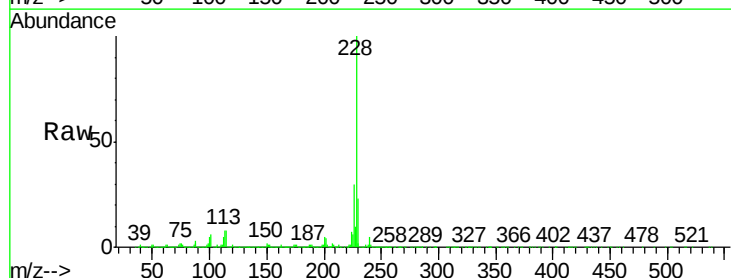
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

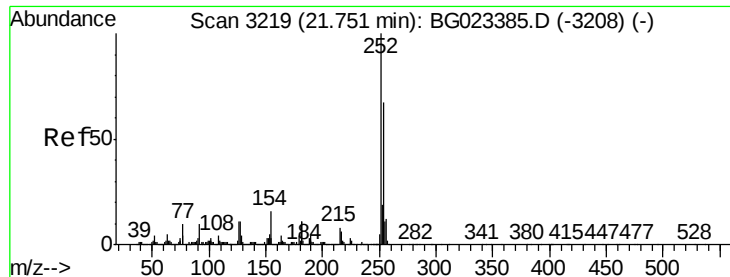
Tgt Ion:149 Resp: 746796
Ion Ratio Lower Upper
149 100
91 85.5 68.1 102.1
206 23.9 19.8 29.6



#80
Benzo(a)anthracene
Concen: 38.72 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG023730.D
Acq: 16 Aug 2016 15:49

Tgt Ion:228 Resp: 1591135
Ion Ratio Lower Upper
228 100
226 30.4 25.3 37.9
229 22.7 19.9 29.9

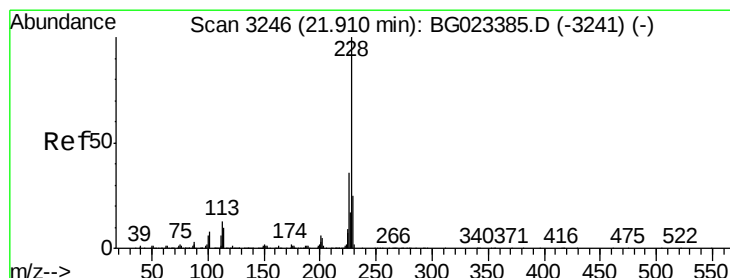
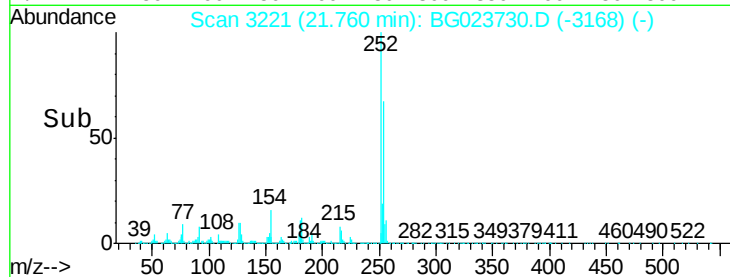
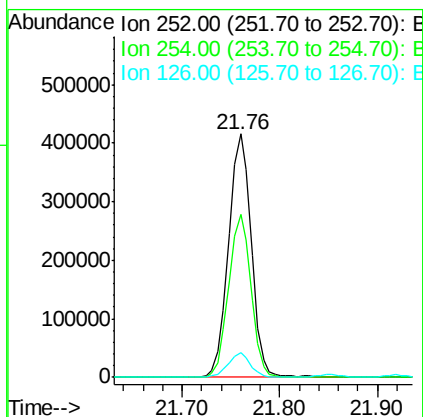
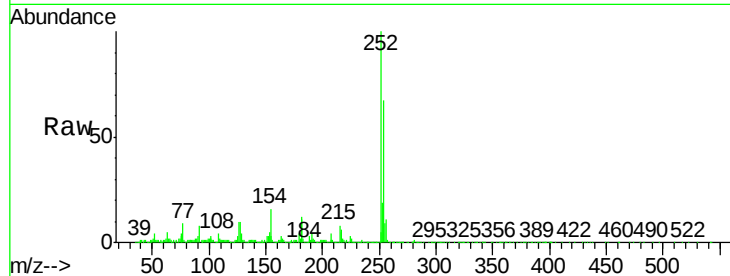




#81
 3,3'-Dichlorobenzidine
 Concen: 39.90 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. 0.01 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

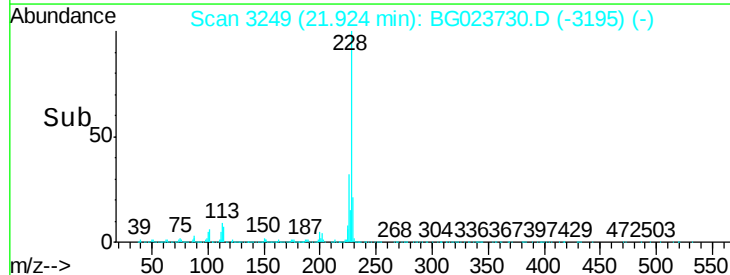
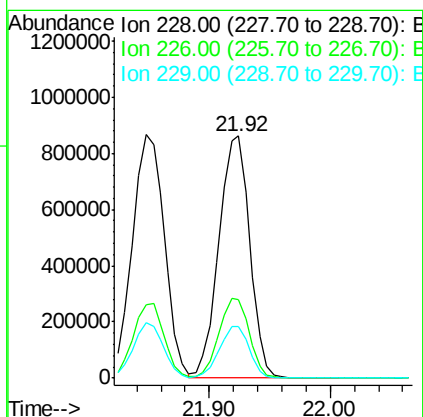
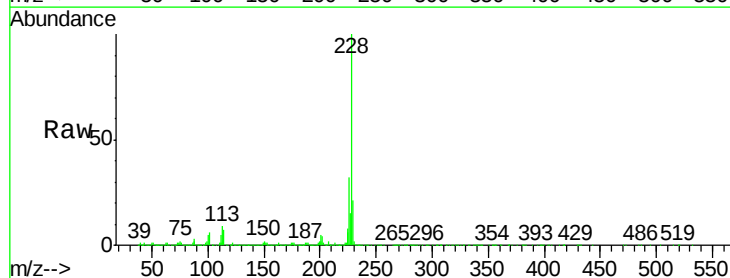
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

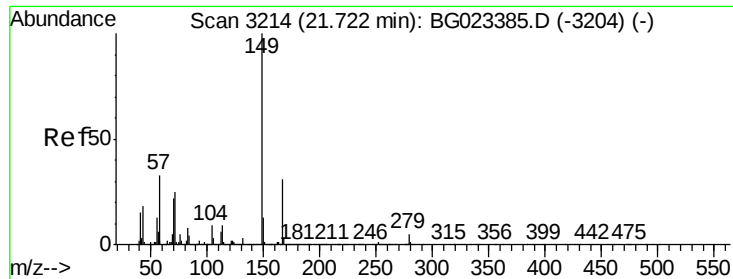
Tgt Ion: 252 Resp: 672503
 Ion Ratio Lower Upper
 252 100
 254 66.7 51.2 76.8
 126 10.4 5.3 7.9#



#82
 Chrysene
 Concen: 38.82 ng
 RT: 21.92 min Scan# 3249
 Delta R.T. 0.01 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Tgt Ion: 228 Resp: 1517740
 Ion Ratio Lower Upper
 228 100
 226 32.2 26.7 40.1
 229 21.4 17.4 26.2

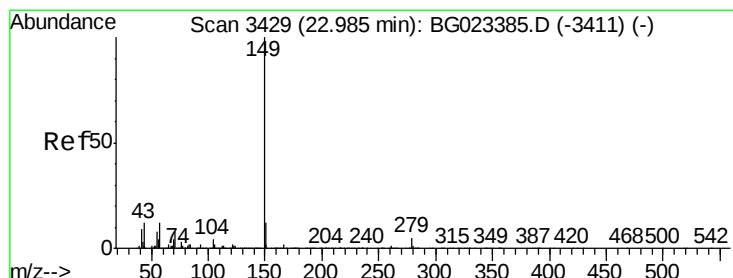
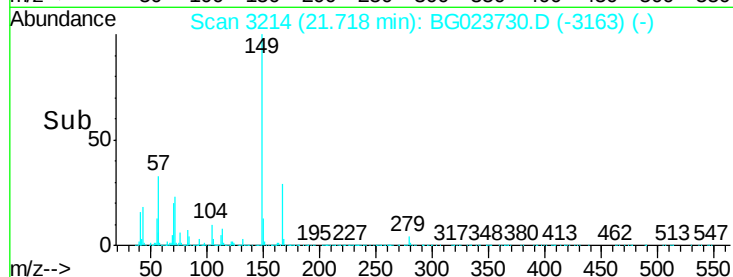
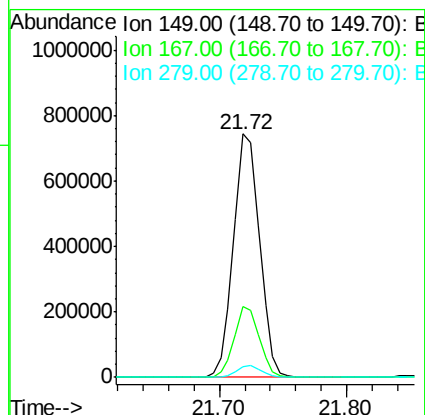
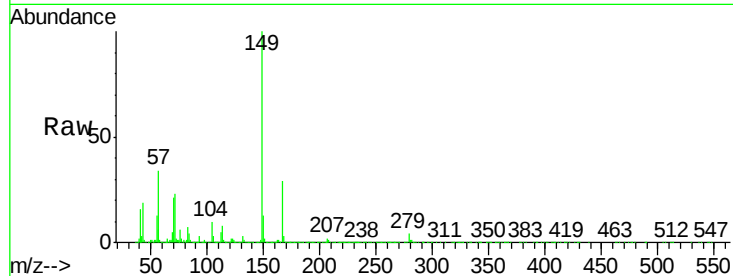




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.92 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

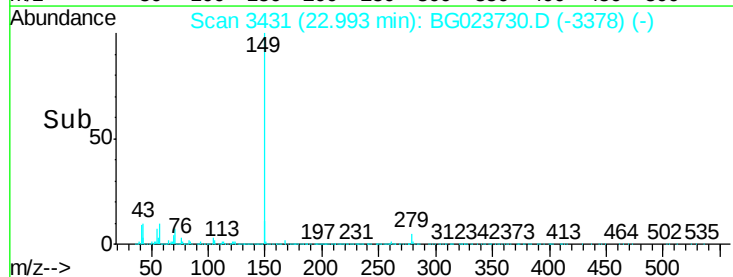
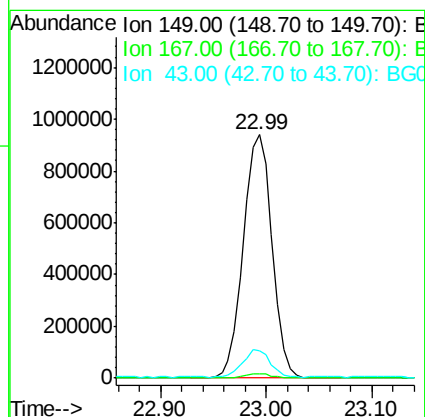
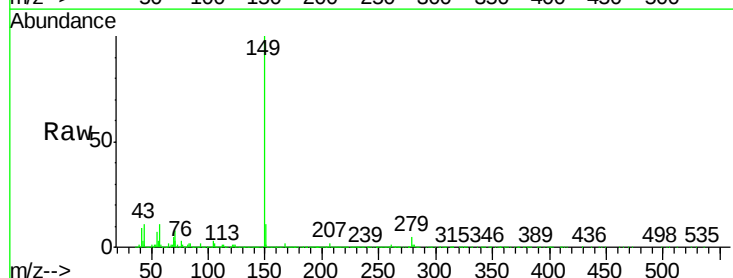
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

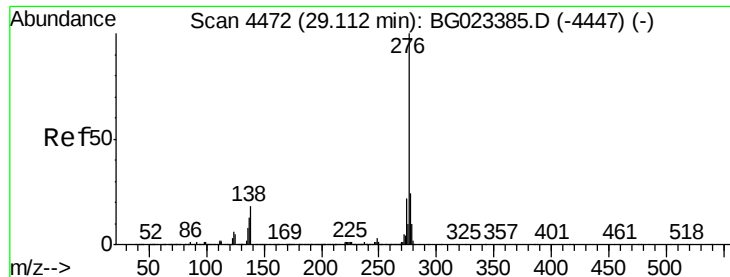
Tgt Ion:149 Resp: 1053545
 Ion Ratio Lower Upper
 149 100
 167 29.0 24.0 36.0
 279 4.3 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 42.14 ng
 RT: 22.99 min Scan# 3431
 Delta R.T. 0.01 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Tgt Ion:149 Resp: 1765637
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.7 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.12 ng

RT: 29.18 min Scan# 4485

Delta R.T. 0.07 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

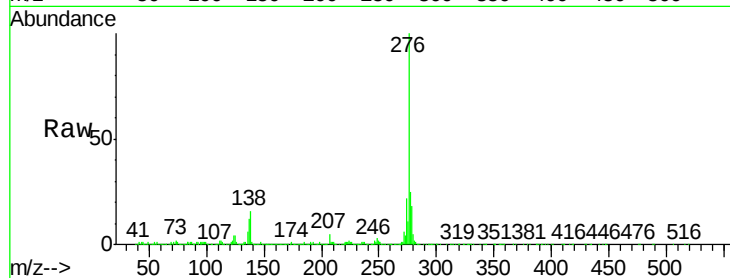
Tgt Ion:276 Resp: 1862274

Ion Ratio Lower Upper

276 100

138 12.2 0.0 0.0#

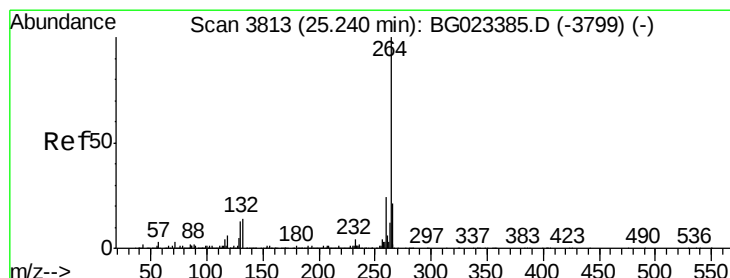
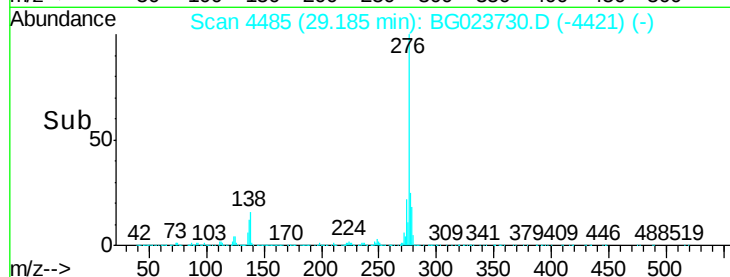
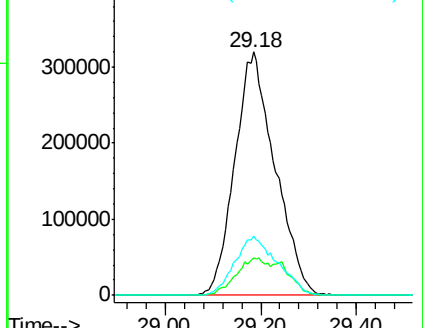
277 25.7 0.0 0.0#



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: 25.27 min Scan# 3819

Delta R.T. 0.03 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

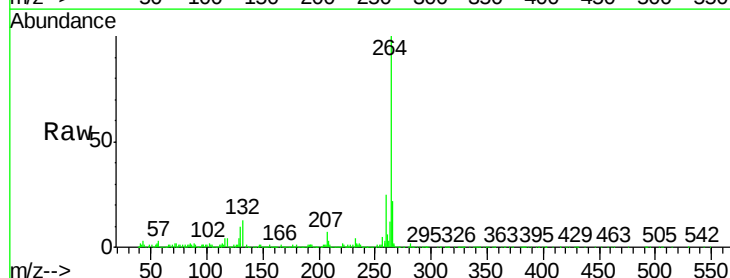
Tgt Ion:264 Resp: 735504

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

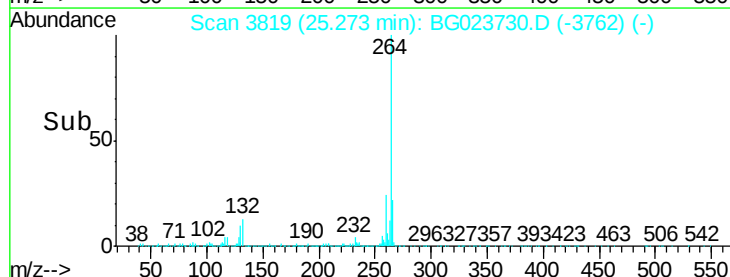
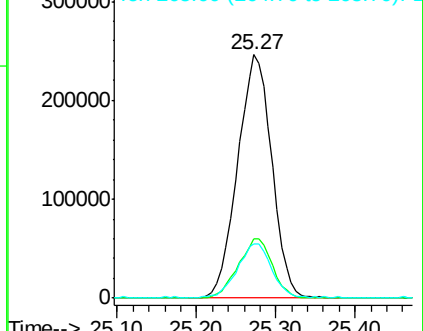
265 22.4 18.9 28.3

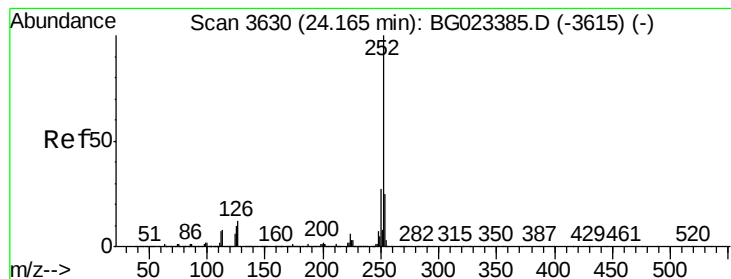


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.64 ng

RT: 24.19 min Scan# 3635

Delta R.T. 0.03 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

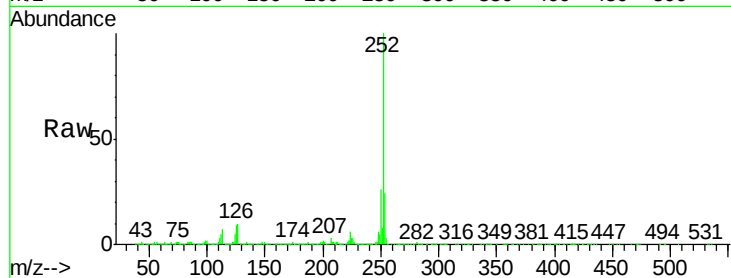
Tgt Ion:252 Resp: 1599112

Ion Ratio Lower Upper

252 100

253 24.1 18.9 28.3

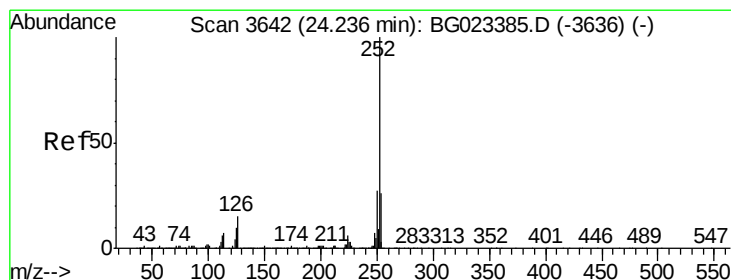
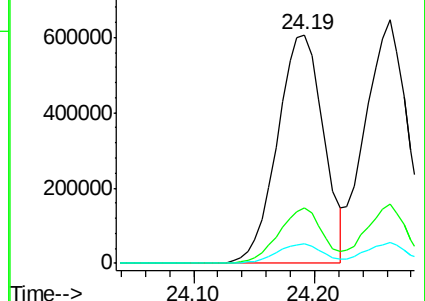
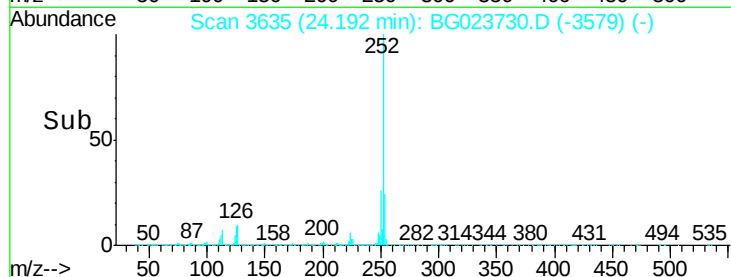
125 8.6 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.63 ng

RT: 24.26 min Scan# 3647

Delta R.T. 0.03 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

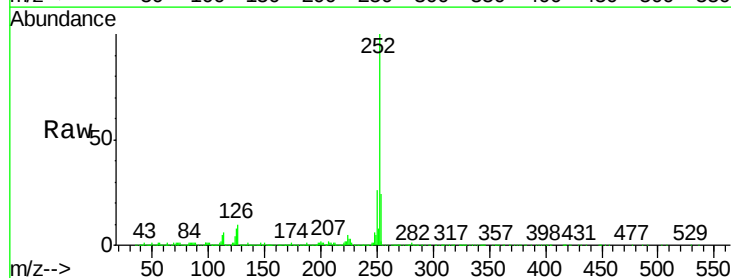
Tgt Ion:252 Resp: 1575006

Ion Ratio Lower Upper

252 100

253 24.3 18.8 28.2

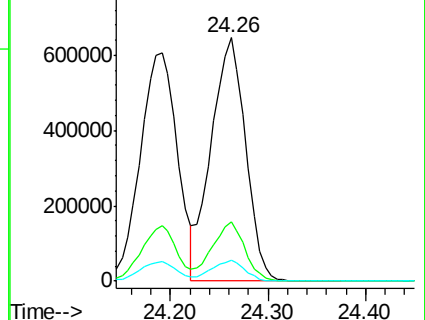
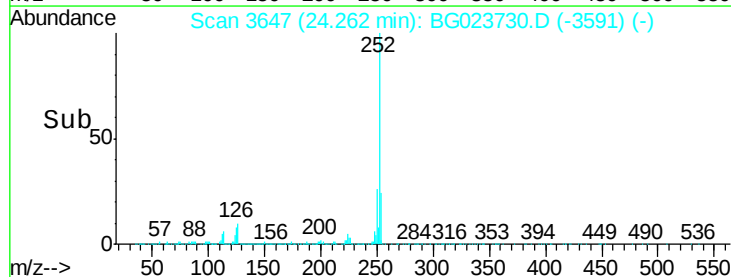
125 8.3 3.2 4.8#

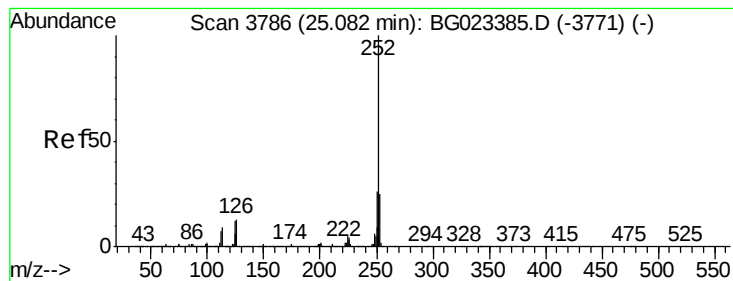


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.48 ng

RT: 25.11 min Scan# 3792

Delta R.T. 0.03 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

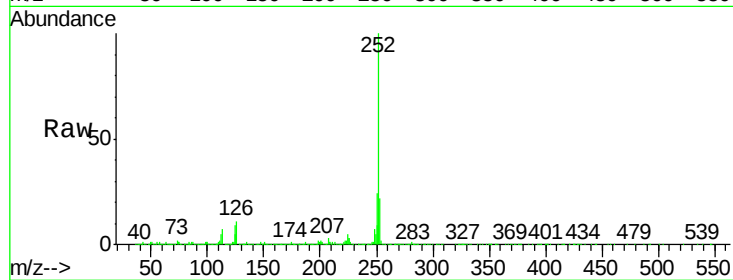
Tgt Ion:252 Resp: 1553615

Ion Ratio Lower Upper

252 100

253 22.0 18.7 28.1

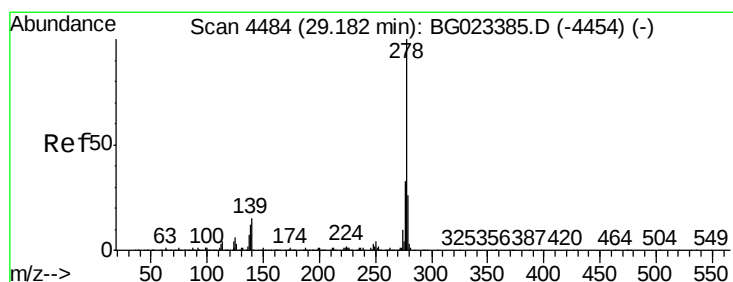
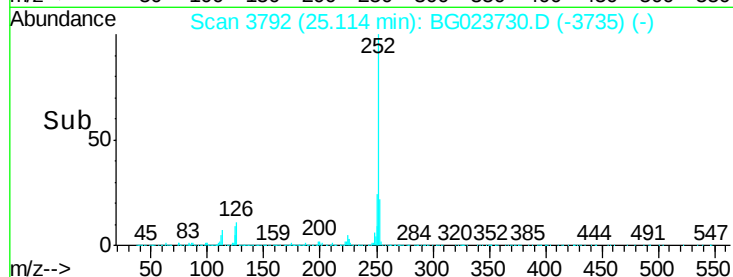
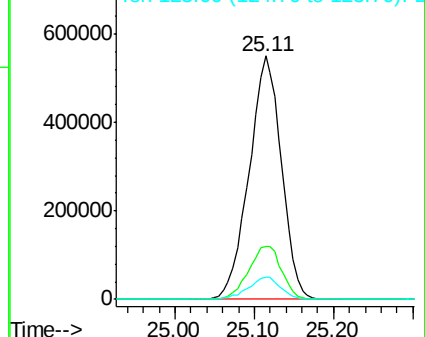
125 8.9 3.9 5.9#



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: 39.33 ng

RT: 29.24 min Scan# 4495

Delta R.T. 0.06 min

Lab File: BG023730.D

Acq: 16 Aug 2016 15:49

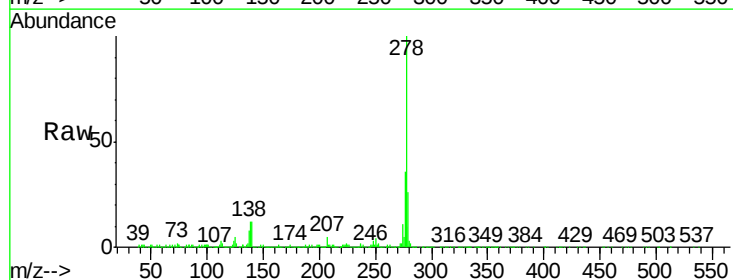
Tgt Ion:278 Resp: 1581153

Ion Ratio Lower Upper

278 100

139 11.7 4.7 7.1#

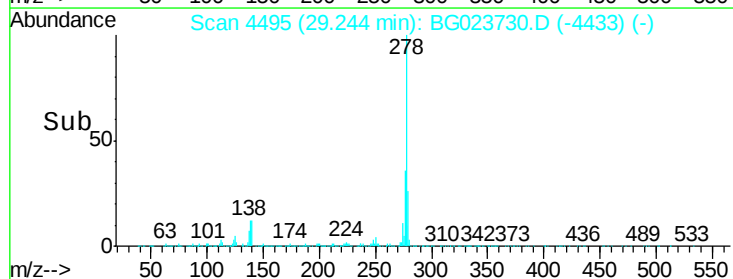
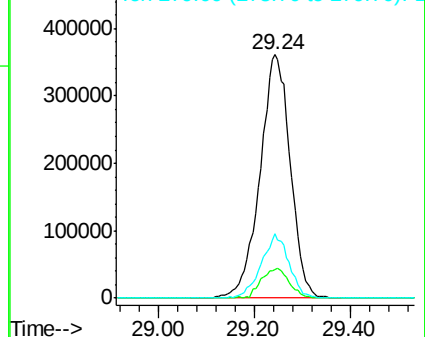
279 26.4 18.3 27.5

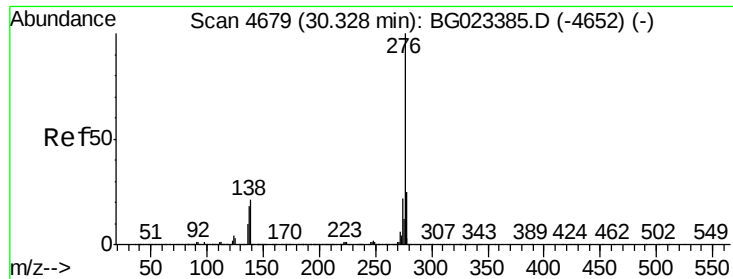


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 37.63 ng
 RT: 30.41 min Scan# 4694
 Delta R.T. 0.09 min
 Lab File: BG023730.D
 Acq: 16 Aug 2016 15:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 1523622
 Ion Ratio Lower Upper
 276 100
 277 24.6 18.6 27.8
 138 14.5 6.8 10.2#

