

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024555.D
 Acq On : 29 Oct 2016 1:23
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 29 02:12:58 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	105230	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	408507	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	312334	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	696334	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1022202	20.00	ng	0.00
86) Perylene-d12	25.36	264	1113664	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	486875	75.83	ng	0.00
7) Phenol-d6	7.40	99	689526	78.29	ng	0.00
23) Nitrobenzene-d5	9.45	82	735185	81.94	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	391416	83.88	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1540598	81.98	ng	0.00
78) Terphenyl-d14	20.21	244	2688149	78.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.67	88	106391	40.56	ng	91
3) Pyridine	4.08	79	301860	38.43	ng	92
4) n-Nitrosodimethylamine	3.99	42	155590	38.27	ng	93
6) Aniline	7.59	93	436010	39.08	ng	94
8) 2-Chlorophenol	7.83	128	247357	37.89	ng	97
9) Benzaldehyde	7.40	77	197558	36.30	ng	97
10) Phenol	7.43	94	348192	38.35	ng	92
11) bis(2-Chloroethyl)ether	7.68	93	261593	38.36	ng	94
12) 1,3-Dichlorobenzene	8.16	146	309762	38.33	ng	97
13) 1,4-Dichlorobenzene	8.31	146	310418	38.89	ng	97
14) 1,2-Dichlorobenzene	8.63	146	282218	36.77	ng	94
15) Benzyl Alcohol	8.50	79	297568	36.32	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.79	45	481458	38.05	ng	97
17) 2-Methylphenol	8.70	107	234620	39.00	ng	98
18) Hexachloroethane	9.36	117	118567	38.64	ng	100
19) n-Nitroso-di-n-propylamine	9.07	70	247293	38.10	ng	93
20) 3+4-Methylphenols	9.02	107	328410	40.66	ng	99
22) Acetophenone	9.10	105	424053	40.41	ng	# 91
24) Nitrobenzene	9.49	77	402784	40.35	ng	95
25) Isophorone	10.01	82	656116	39.31	ng	99
26) 2-Nitrophenol	10.20	139	142573	38.48	ng	94
27) 2,4-Dimethylphenol	10.24	122	253781	39.13	ng	90
28) bis(2-Chloroethoxy)methane	10.48	93	342231	39.63	ng	97
29) 2,4-Dichlorophenol	10.73	162	273258	40.14	ng	93
30) 1,2,4-Trichlorobenzene	10.95	180	326796	40.47	ng	97
31) Naphthalene	11.15	128	822193	40.35	ng	98
32) Benzoic acid	10.36	122	161483	29.90	ng	93
33) 4-Chloroaniline	11.25	127	352597	39.85	ng	# 94
34) Hexachlorobutadiene	11.42	225	266527	42.17	ng	99
35) Caprolactam	12.02	113	93077	37.35	ng	95
36) 4-Chloro-3-methylphenol	12.34	107	326432	39.72	ng	97
37) 2-Methylnaphthalene	12.73	142	612566	41.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	436410	41.43	ng	96
40) Hexachlorocyclopentadiene	13.06	237	239753	40.41	ng	95

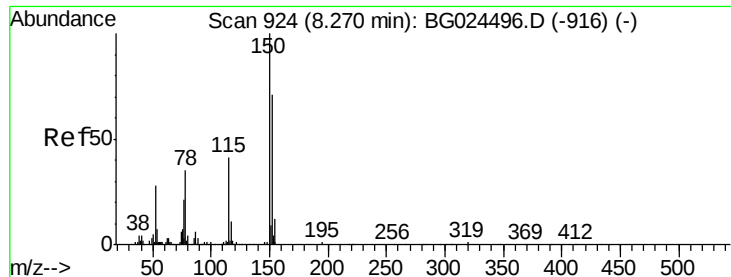
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024555.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	255034	40.28	ng	97
43) 2,4,5-Trichlorophenol	13.40	196	266004	38.86	ng	99
45) 1,1'-Biphenyl	13.72	154	874834	40.36	ng	98
46) 2-Chloronaphthalene	13.77	162	673922	40.83	ng	99
47) 2-Nitroaniline	13.97	65	280992	41.58	ng	97
48) Acenaphthylene	14.61	152	1018532	40.24	ng	97
49) Dimethylphthalate	14.33	163	889255	40.10	ng	97
50) 2,6-Dinitrotoluene	14.46	165	202848	42.85	ng	92
51) Acenaphthene	14.95	154	706307	37.44	ng	97
52) 3-Nitroaniline	14.79	138	201500	41.14	ng	98
53) 2,4-Dinitrophenol	14.99	184	147823	43.09	ng	89
54) Dibenzofuran	15.28	168	1052372	40.34	ng	98
55) 4-Nitrophenol	15.08	139	167505	39.25	ng	# 83
56) 2,4-Dinitrotoluene	15.24	165	289240	42.05	ng	# 98
57) Fluorene	15.93	166	863504	39.92	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	276575	38.97	ng	# 94
59) Diethylphthalate	15.68	149	916850	39.44	ng	99
60) 4-Chlorophenyl-phenylether	15.91	204	475926	39.21	ng	97
61) 4-Nitroaniline	15.95	138	223932	41.85	ng	89
62) Azobenzene	16.20	77	924422	39.87	ng	98
64) 4,6-Dinitro-2-methylphenol	16.00	198	202158	42.14	ng	96
65) n-Nitrosodiphenylamine	16.13	169	770353	40.47	ng	99
66) 4-Bromophenyl-phenylether	16.81	248	354123	41.89	ng	97
67) Hexachlorobenzene	16.93	284	391730	41.94	ng	# 88
68) Atrazine	17.06	200	318731	39.03	ng	98
69) Pentachlorophenol	17.27	266	238900	38.76	ng	95
70) Phenanthrene	17.67	178	1445785	40.73	ng	97
71) Anthracene	17.76	178	1455846	40.66	ng	98
72) Carbazole	18.03	167	1360601	41.66	ng	98
73) Di-n-butylphthalate	18.55	149	1552914	41.24	ng	97
74) Fluoranthene	19.66	202	1905238	42.46	ng	97
76) Benzidine	19.84	184	536982	22.30	ng	97
77) Pyrene	20.02	202	1986874	39.76	ng	98
79) Butylbenzylphthalate	20.89	149	831205	39.90	ng	98
80) Benzo(a)anthracene	21.90	228	2265810	40.35	ng	98
81) 3,3'-Dichlorobenzidine	21.81	252	904652	39.93	ng	99
82) Chrysene	21.97	228	2136986	39.96	ng	99
83) Bis(2-ethylhexyl)phthalate	21.77	149	1180126	39.60	ng	97
84) Di-n-octyl phthalate	23.04	149	2009900	40.64	ng	95
85) Indeno(1,2,3-cd)pyrene	29.30	276	2894656	39.21	ng	99
87) Benzo(b)fluoranthene	24.26	252	2374036	39.44	ng	97
88) Benzo(k)fluoranthene	24.33	252	2318543	39.88	ng	98
89) Benzo(a)pyrene	25.19	252	2340860	39.80	ng	96
90) Dibenzo(a,h)anthracene	29.36	278	2476776	38.36	ng	# 97
91) Benzo(g,h,i)perylene	30.56	276	2472846	38.34	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

Instrument :

BNA_G

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SSTDCCC040EC

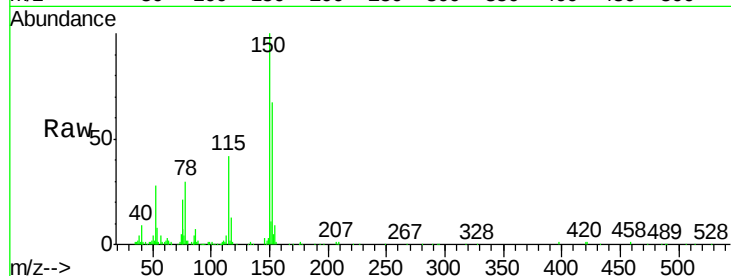
Tgt Ion:152 Resp: 105230

Ion Ratio Lower Upper

152 100

150 149.6 114.0 171.0

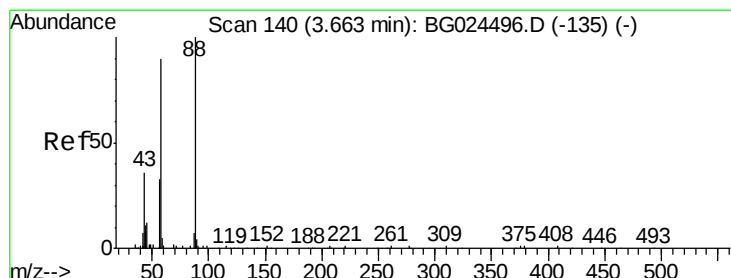
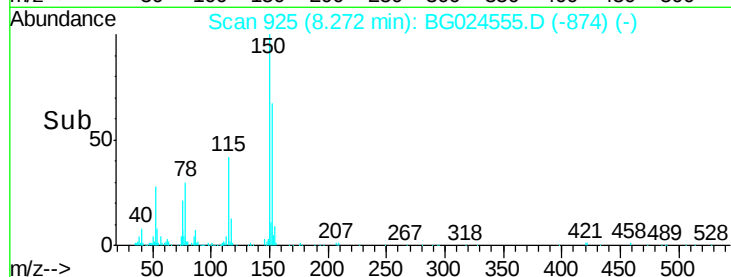
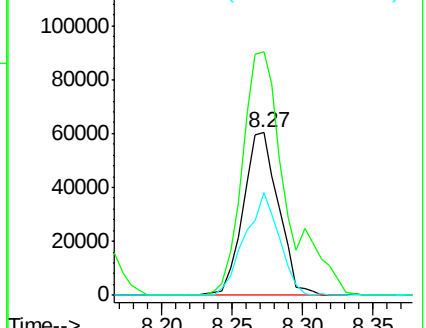
115 63.4 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.56 ng

RT: 3.67 min Scan# 141

Delta R.T. 0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

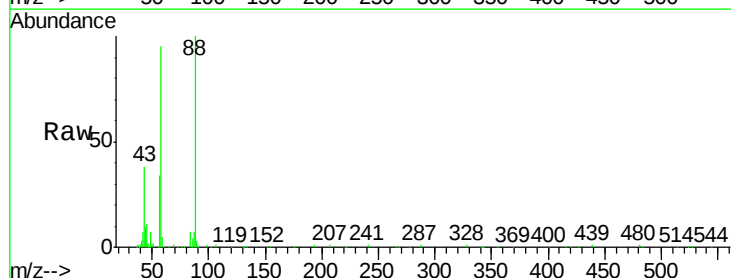
Tgt Ion: 88 Resp: 106391

Ion Ratio Lower Upper

88 100

58 90.6 79.4 119.2

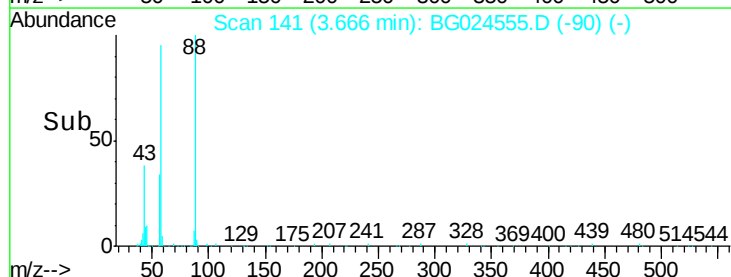
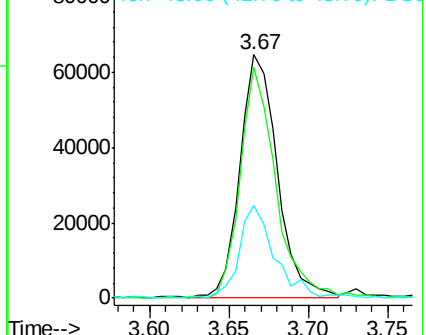
43 36.7 33.8 50.6

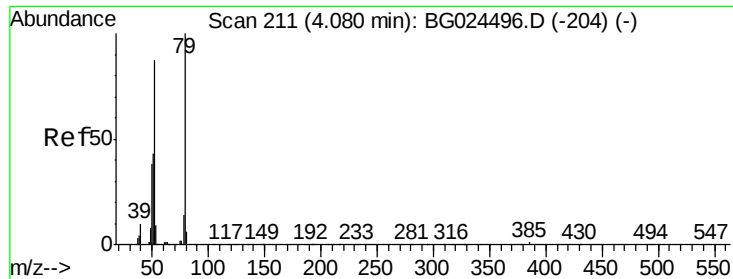


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 38.43 ng

RT: 4.08 min Scan# 211

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

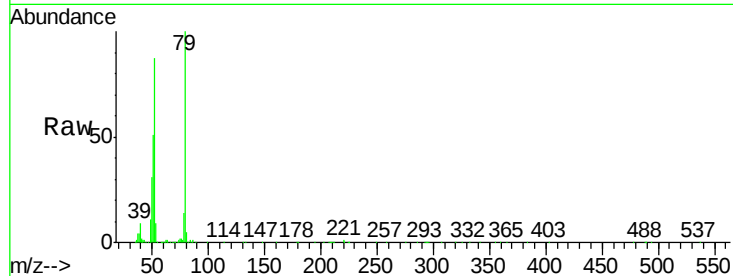
Tgt Ion: 79 Resp: 301860

Ion Ratio Lower Upper

79 100

52 86.7 77.8 116.6

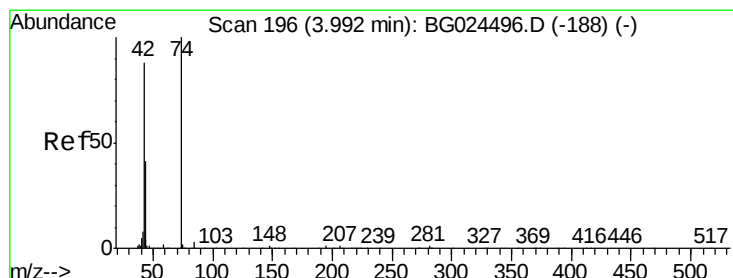
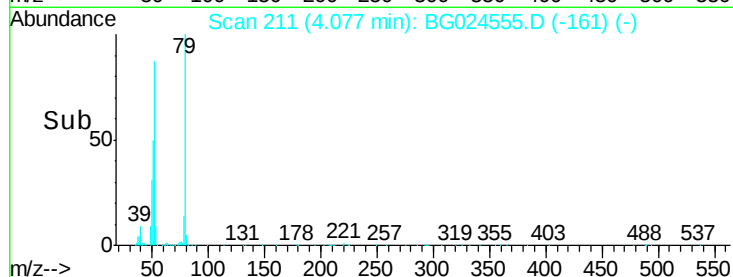
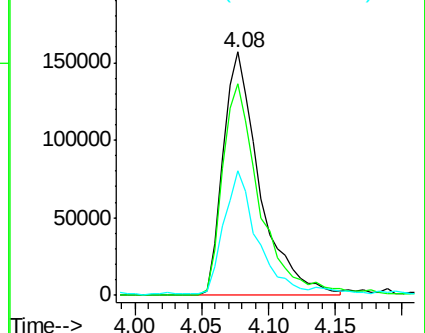
51 51.2 43.2 64.8



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: 38.27 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

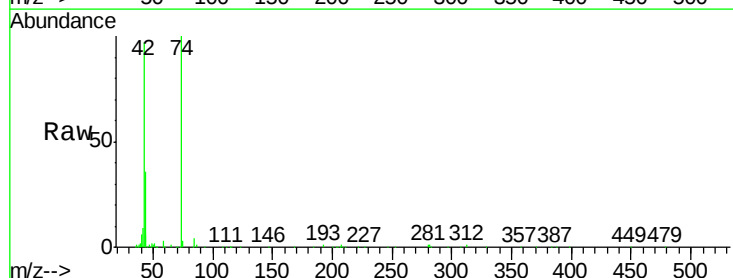
Tgt Ion: 42 Resp: 155590

Ion Ratio Lower Upper

42 100

74 102.6 76.7 115.1

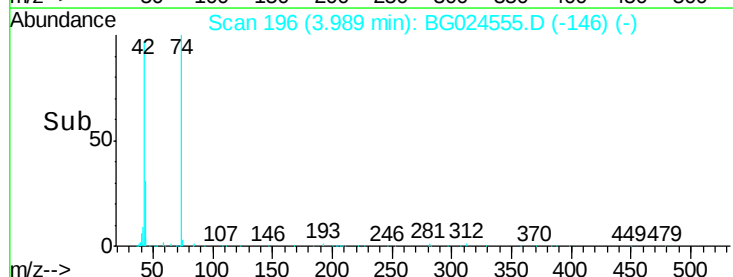
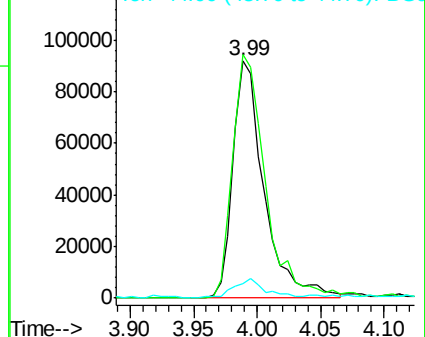
44 6.2 6.1 9.1

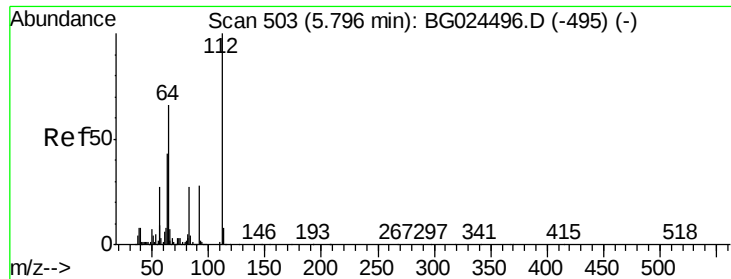


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 75.83 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

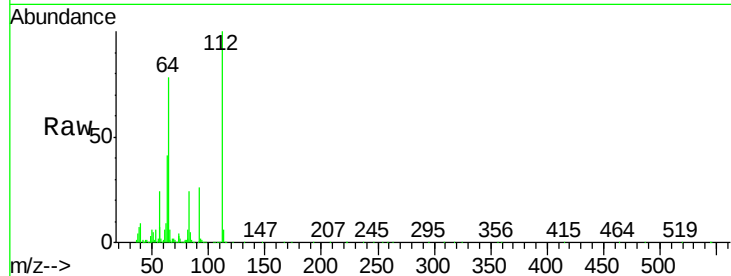
Tgt Ion: 112 Resp: 486875

Ion Ratio Lower Upper

112 100

64 77.7 61.8 92.6

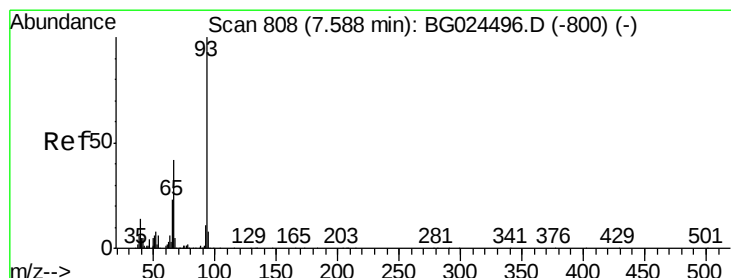
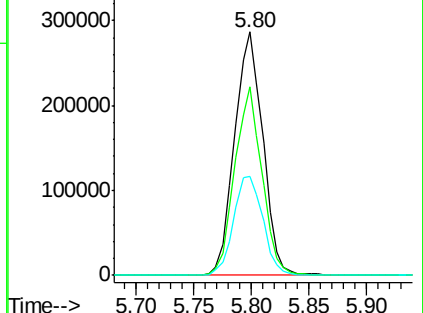
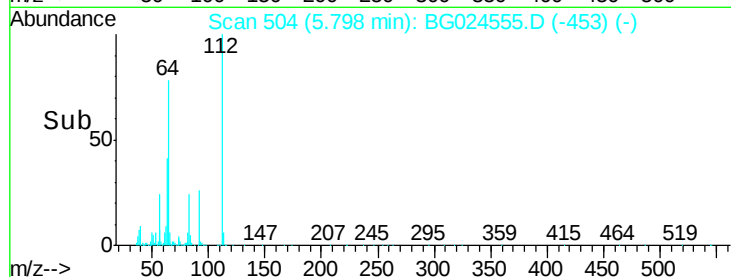
63 40.7 37.2 55.8



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: 39.08 ng

RT: 7.59 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

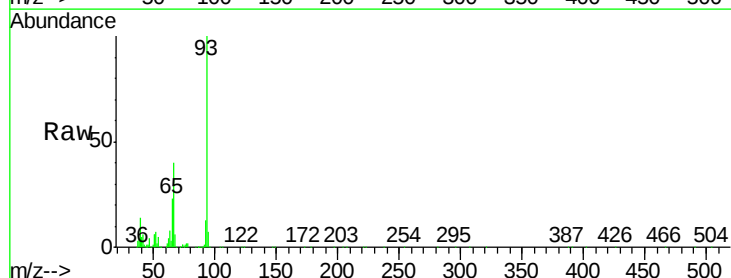
Tgt Ion: 93 Resp: 436010

Ion Ratio Lower Upper

93 100

66 40.4 35.4 53.2

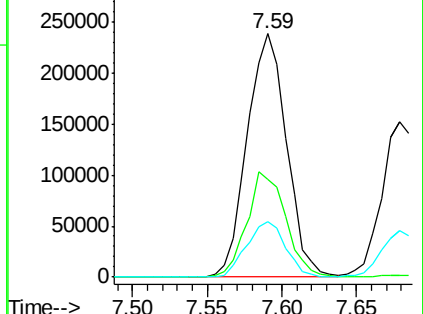
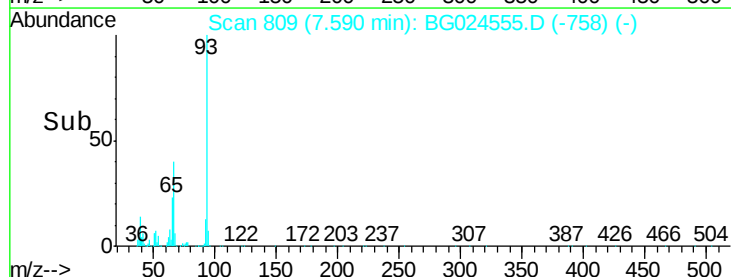
65 22.8 21.2 31.8

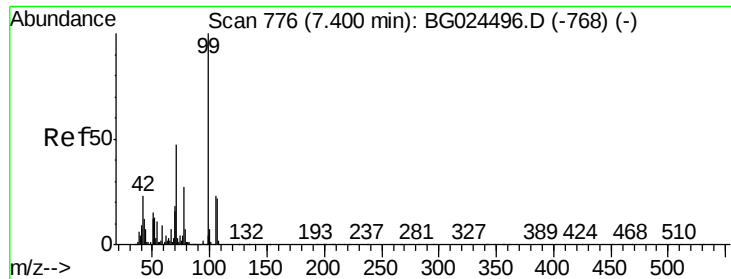


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.29 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

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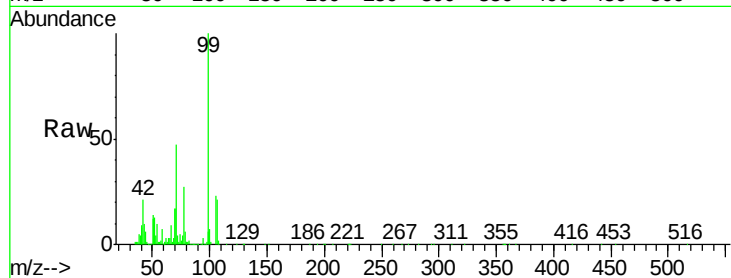
Tgt Ion: 99 Resp: 689526

Ion Ratio Lower Upper

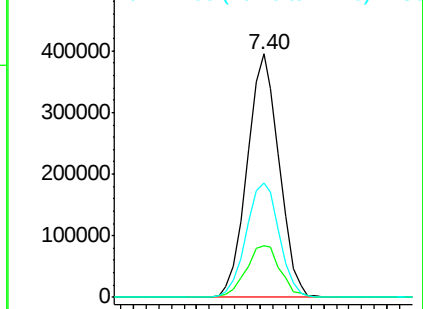
99 100

42 21.1 20.5 30.7

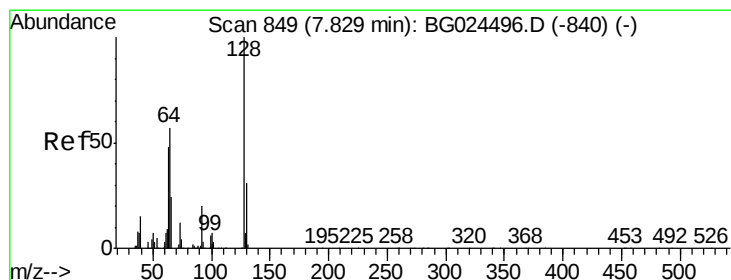
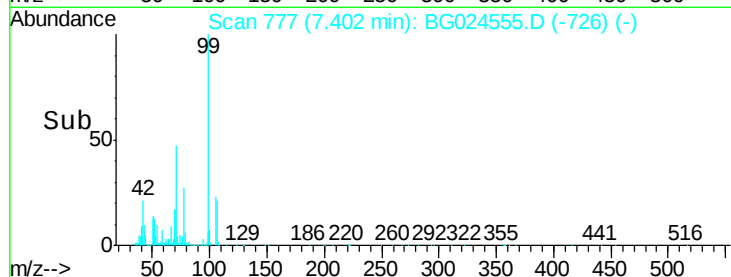
71 46.7 37.6 56.4



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



Time--> 7.30 7.35 7.40 7.45 7.50



#8

2-Chlorophenol

Concen: 37.89 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

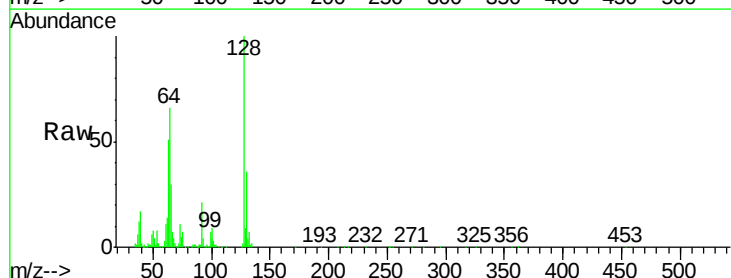
Tgt Ion: 128 Resp: 247357

Ion Ratio Lower Upper

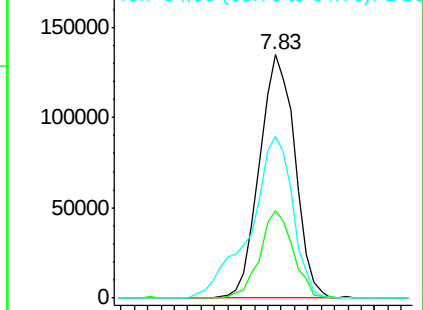
128 100

130 35.8 11.4 51.4

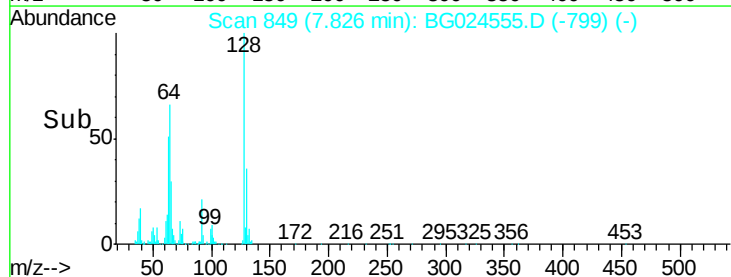
64 66.2 46.6 86.6

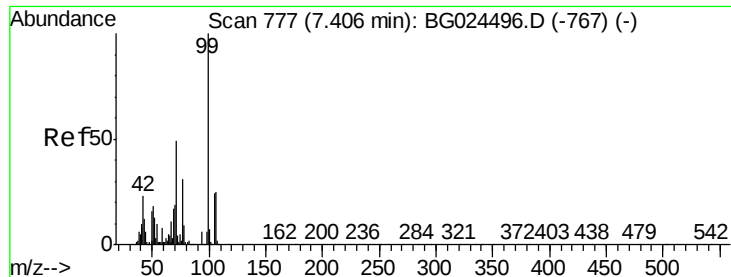


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time--> 7.75 7.80 7.85 7.90





#9

Benzaldehyde

Concen: 36.30 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024555.D

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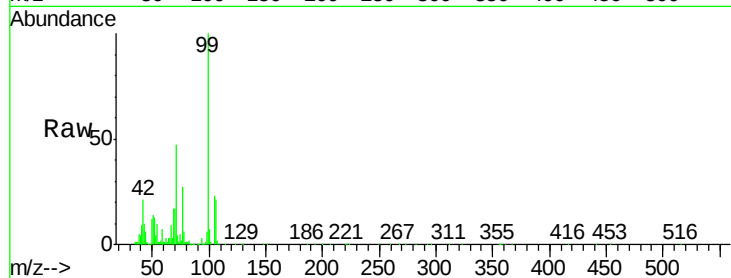
Tgt Ion: 77 Resp: 197558

Ion Ratio Lower Upper

77 100

105 85.3 60.9 100.9

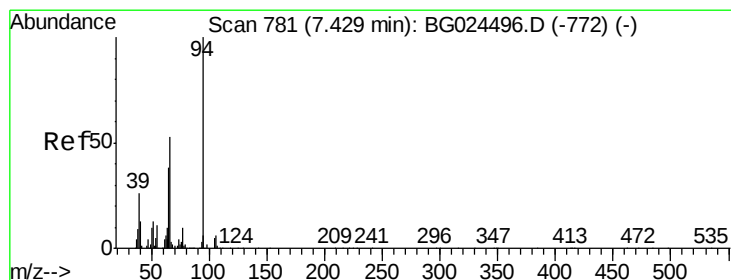
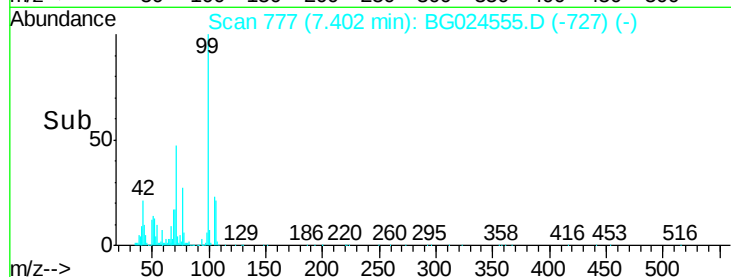
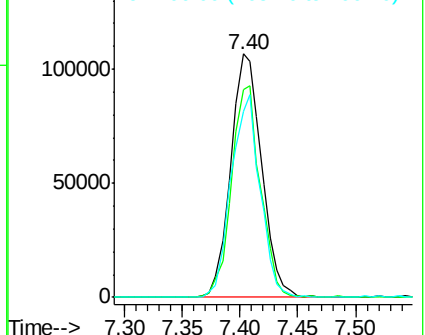
106 76.2 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.35 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

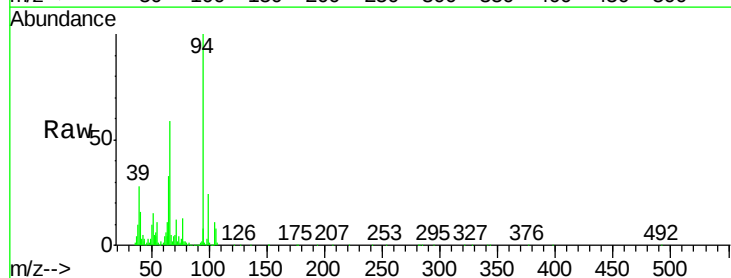
Tgt Ion: 94 Resp: 348192

Ion Ratio Lower Upper

94 100

65 32.8 20.6 60.6

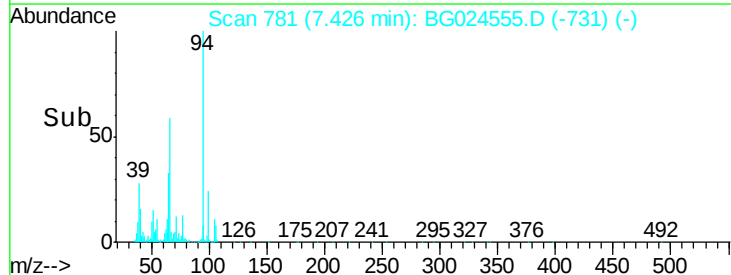
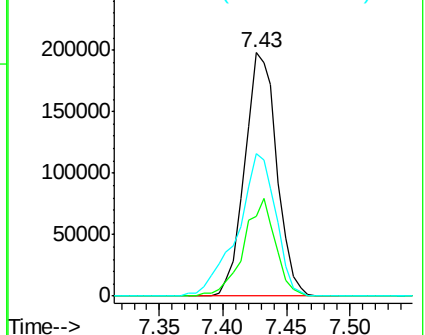
66 58.7 35.5 75.5

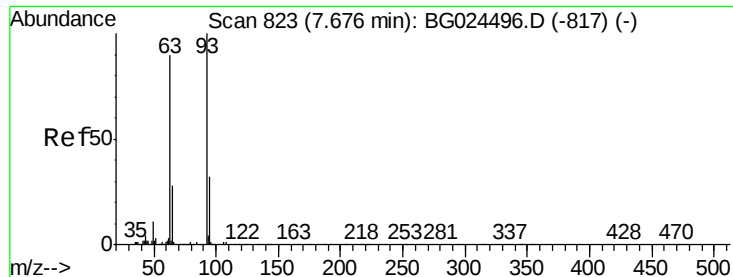


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

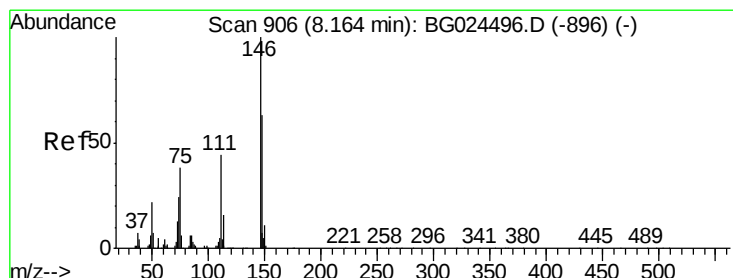
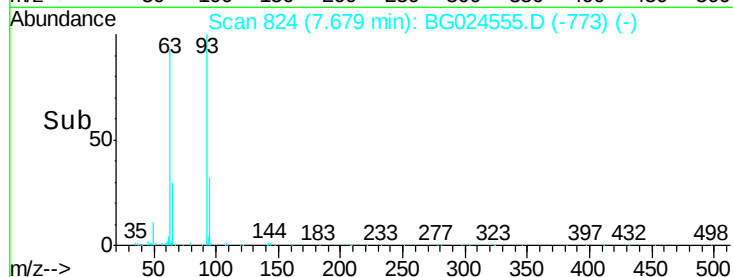
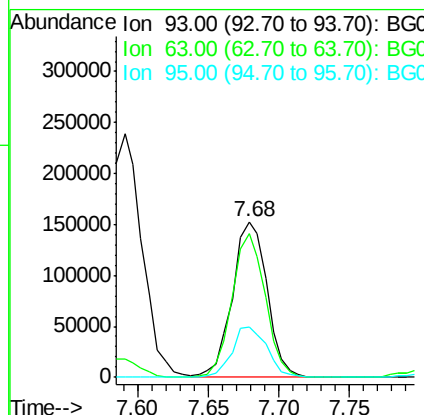
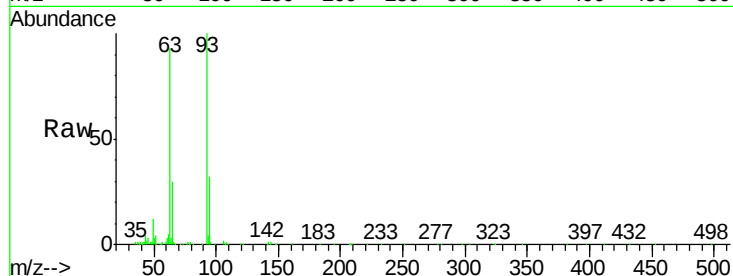




#11
bis(2-Chloroethyl)ether
Concen: 38.36 ng
RT: 7.68 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

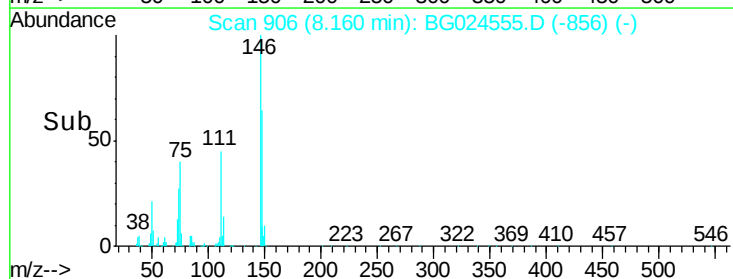
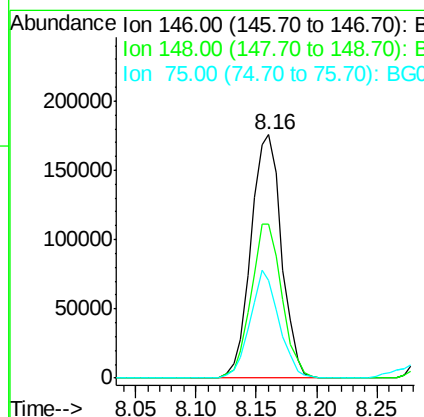
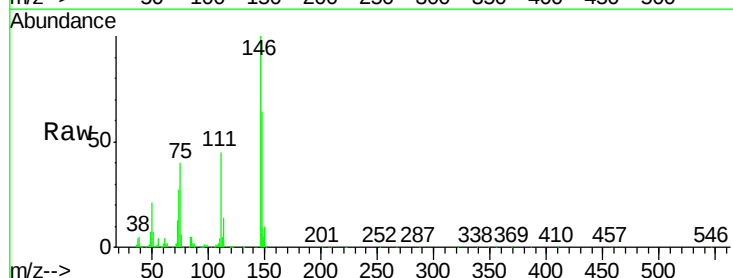
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 261593
Ion Ratio Lower Upper
93 100
63 92.7 78.5 118.5
95 32.4 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 38.33 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

Tgt Ion: 146 Resp: 309762
Ion Ratio Lower Upper
146 100
148 63.5 49.2 73.8
75 40.0 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 38.89 ng

RT: 8.31 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

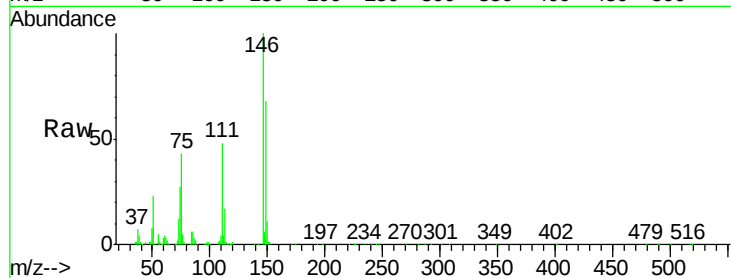
Tgt Ion:146 Resp: 310418

Ion Ratio Lower Upper

146 100

148 68.1 52.2 78.2

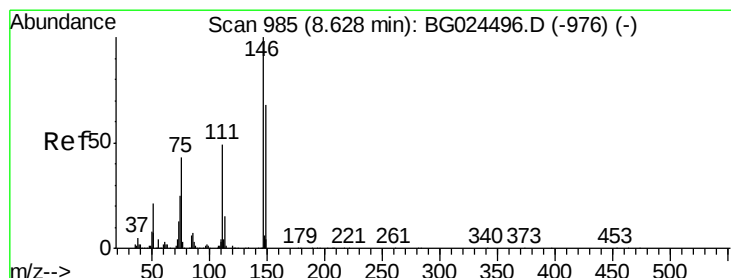
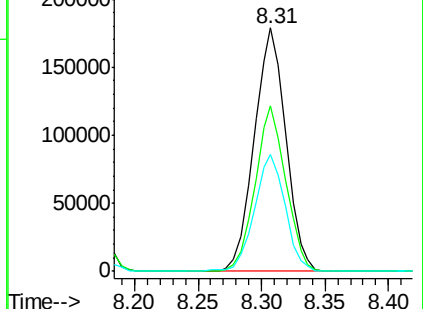
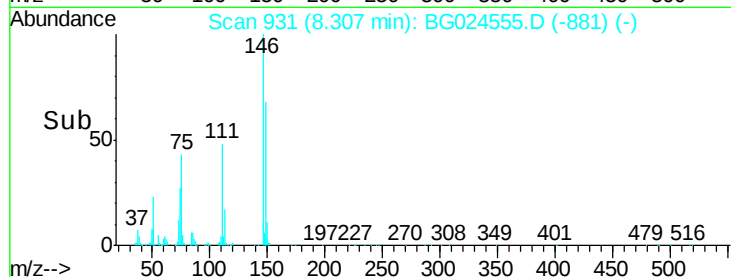
111 47.8 37.0 55.6



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: 36.77 ng

RT: 8.63 min Scan# 986

Delta R.T. 0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

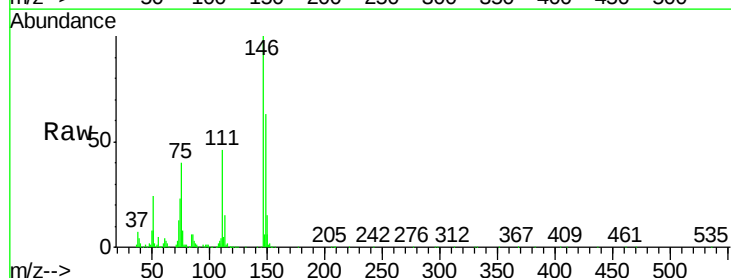
Tgt Ion:146 Resp: 282218

Ion Ratio Lower Upper

146 100

148 62.8 54.6 81.8

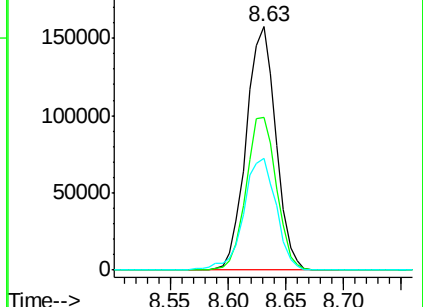
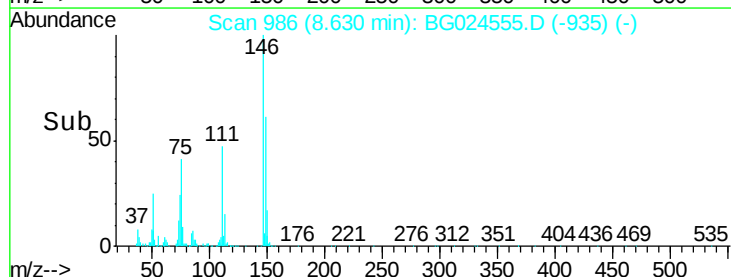
111 46.0 39.7 59.5

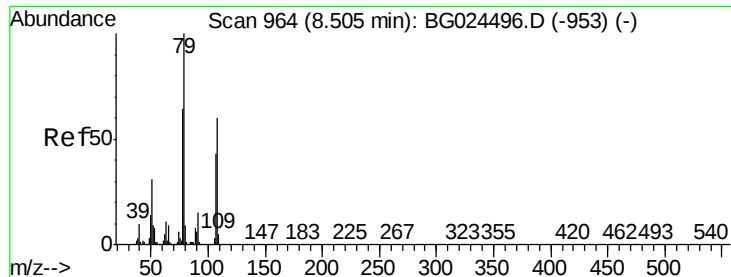


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.32 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

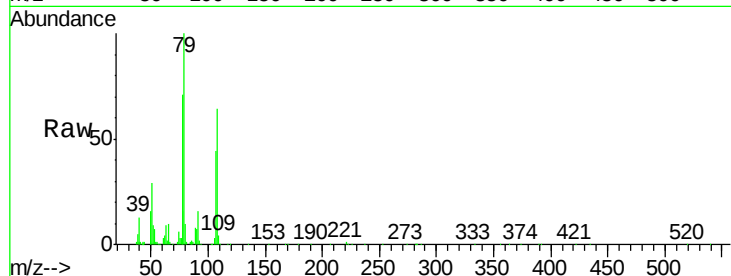
Tgt Ion: 79 Resp: 297568

Ion Ratio Lower Upper

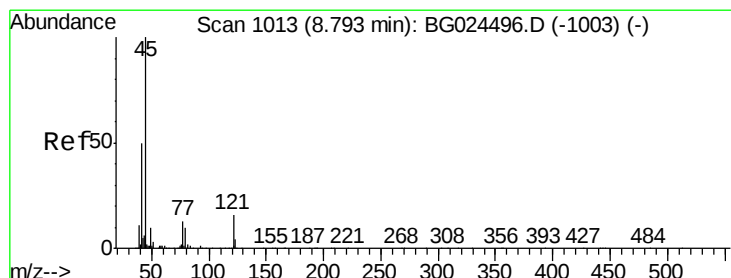
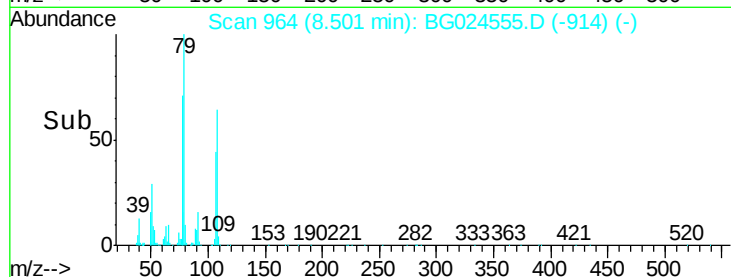
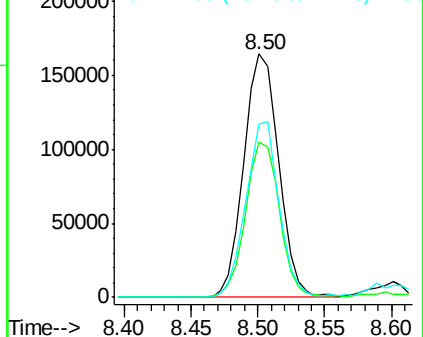
79 100

108 63.7 45.5 68.3

77 71.1 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.05 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

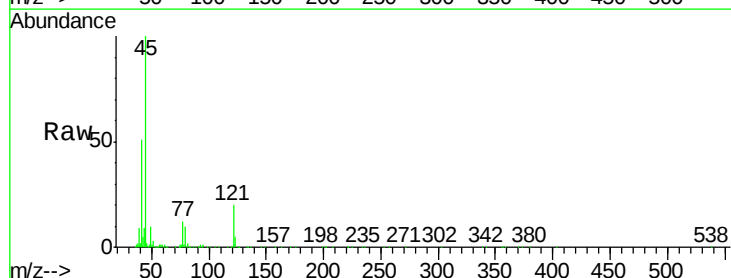
Tgt Ion: 45 Resp: 481458

Ion Ratio Lower Upper

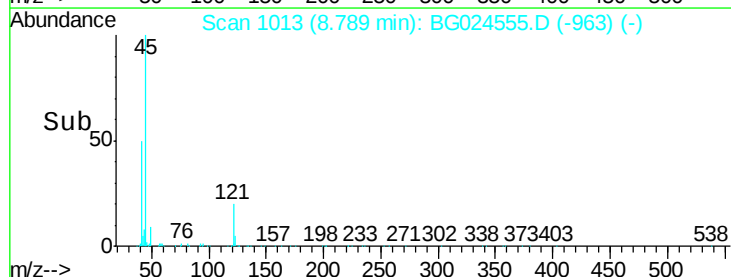
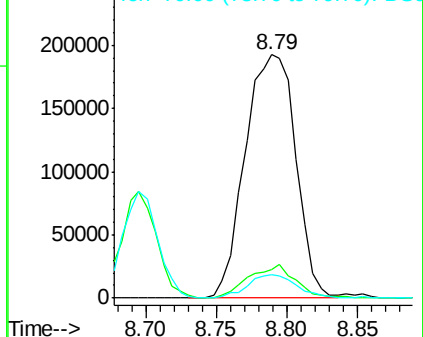
45 100

77 11.8 0.0 30.6

79 9.5 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

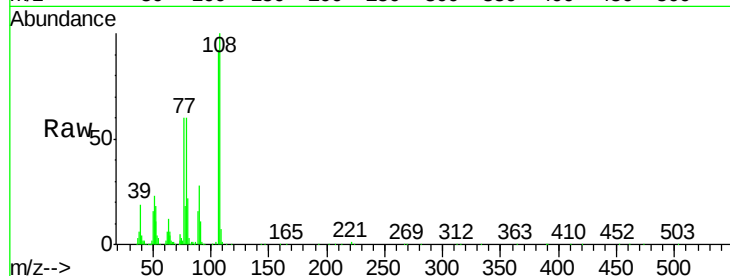




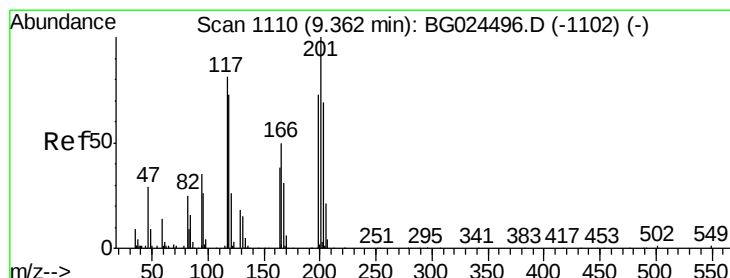
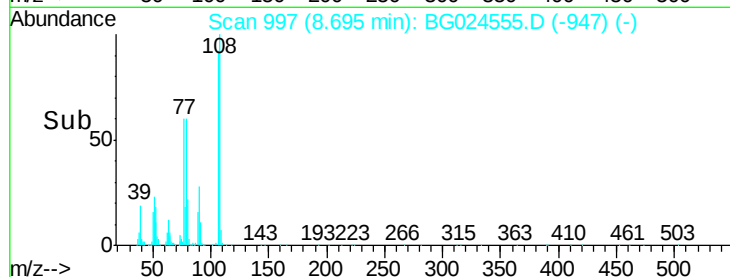
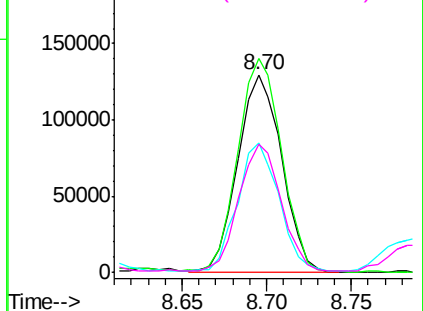
#17
2-Methylphenol
Concen: 39.00 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.1	85.6	128.4
77	65.2	51.4	77.2
79	64.9	49.2	73.8

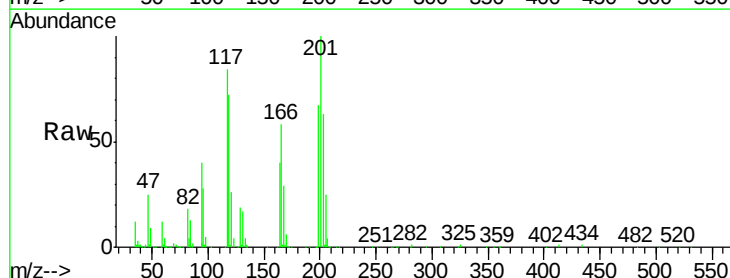


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

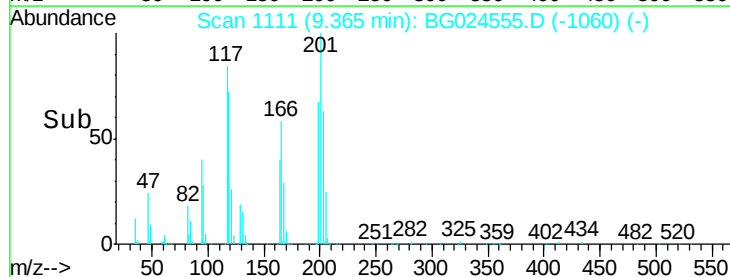
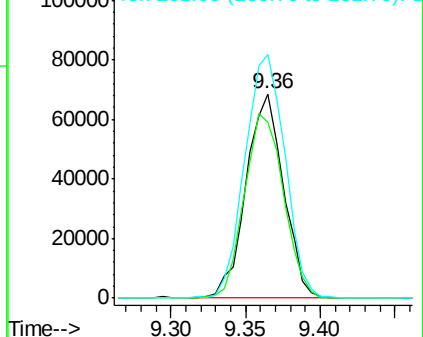


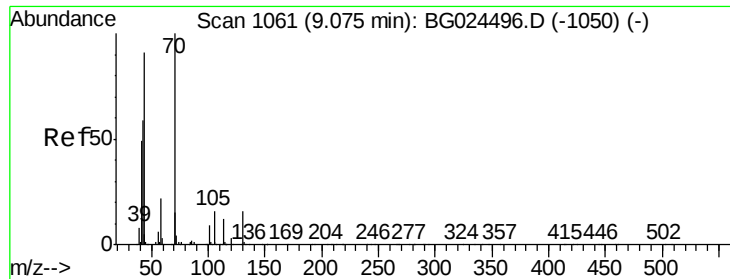
#18
Hexachloroethane
Concen: 38.64 ng
RT: 9.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.4	69.8	104.6
201	119.4	95.4	143.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

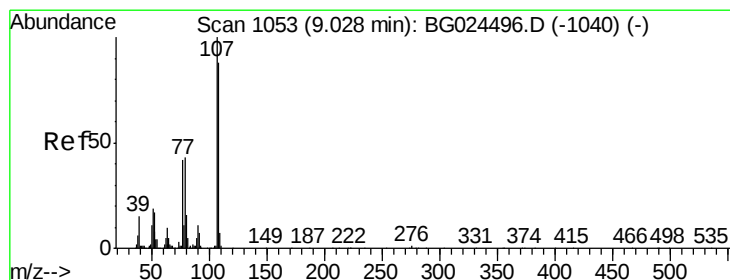
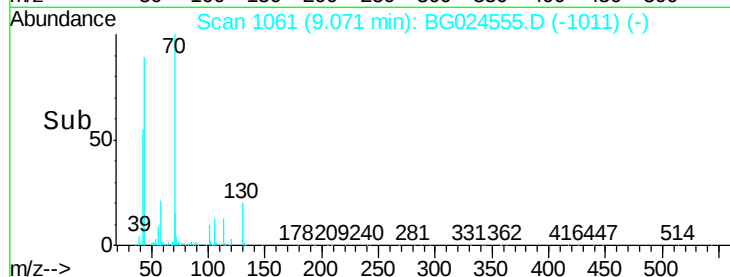
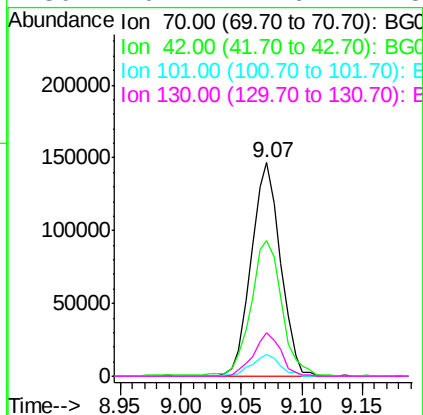
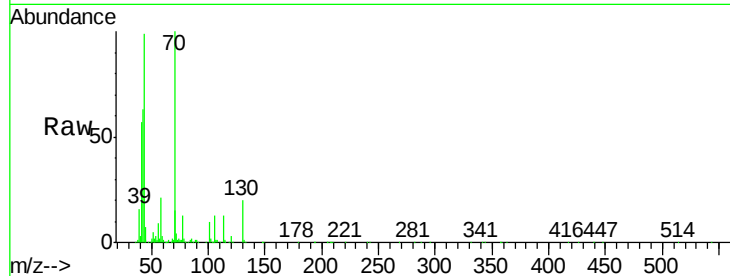




#19
n-Nitroso-di-n-propylamine
Concen: 38.10 ng
RT: 9.07 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

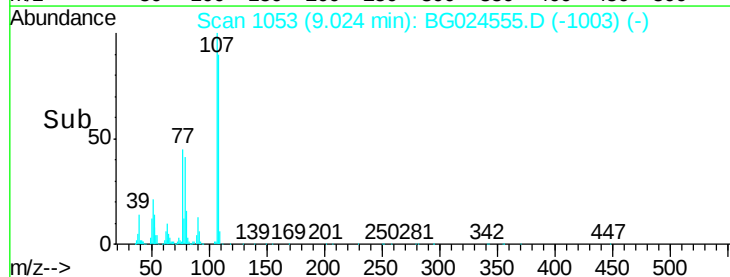
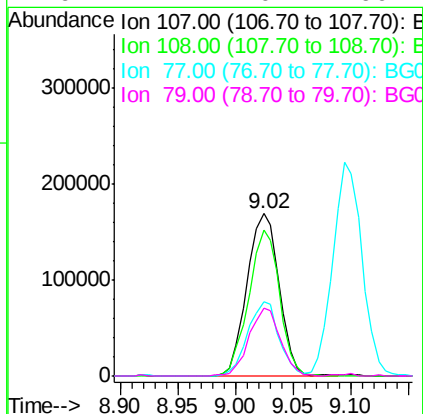
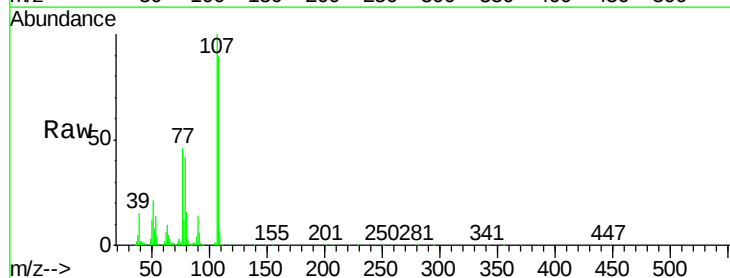
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	70	Resp:	247293
Ion	Ratio	Lower	Upper
70	100		
42	63.3	56.1	84.1
101	10.5	7.5	11.3
130	20.1	14.6	21.8



#20
3+4-Methylphenols
Concen: 40.66 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

Tgt Ion:	107	Resp:	328410
Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.8	110.8
77	45.7	25.8	65.8
79	41.7	20.1	60.1

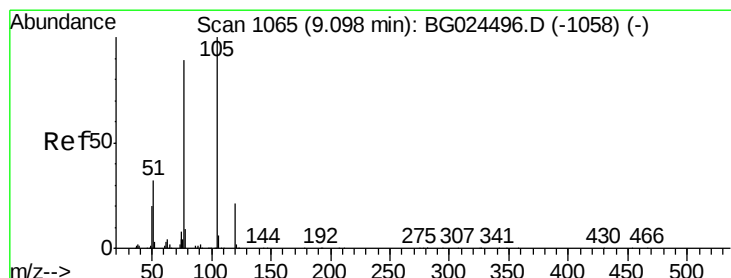
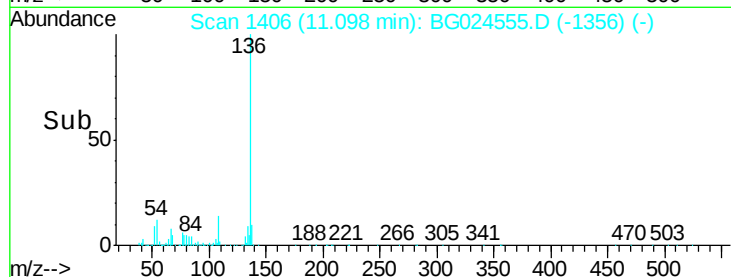
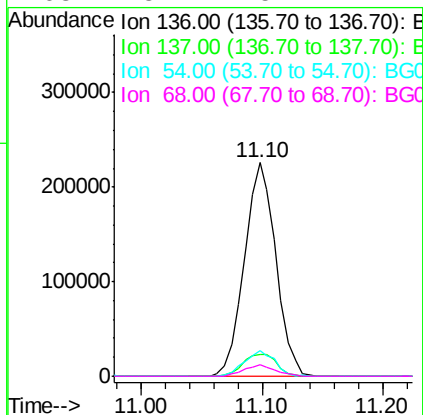
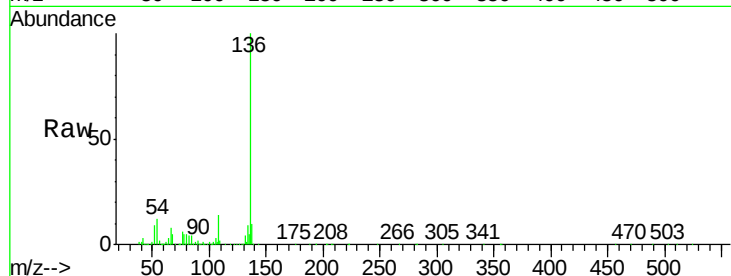




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

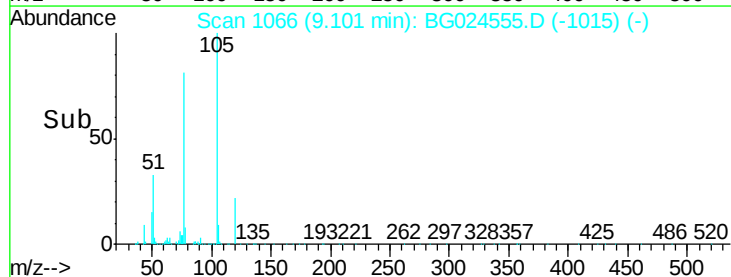
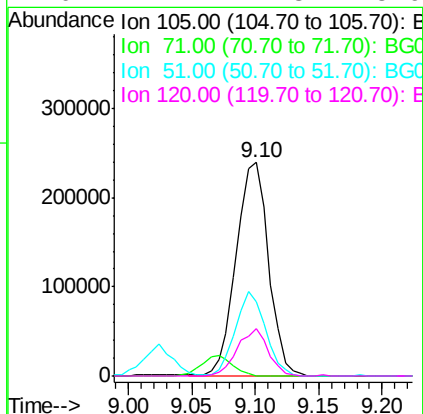
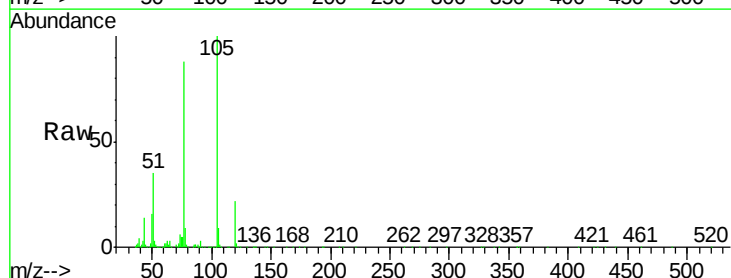
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

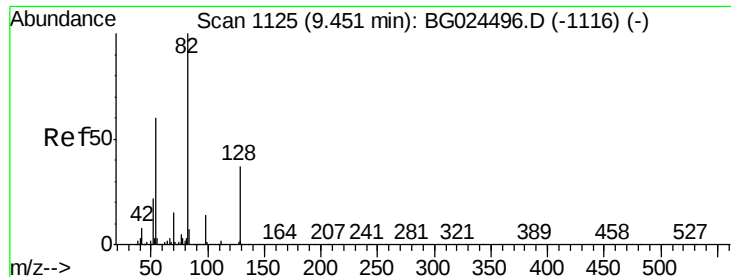
Tgt Ion:	136	Resp:	408507
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	11.7	9.3	13.9
68	5.1	5.1	7.7



#22
Acetophenone
Concen: 40.41 ng
RT: 9.10 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

Tgt Ion:	105	Resp:	424053
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	34.6	34.0	51.0
120	22.1	17.3	25.9

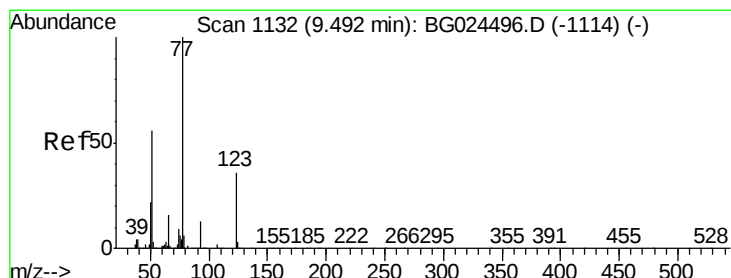
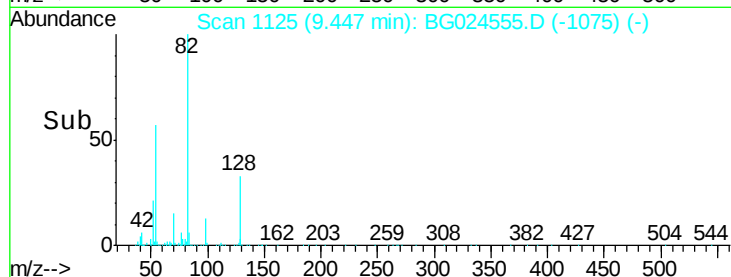
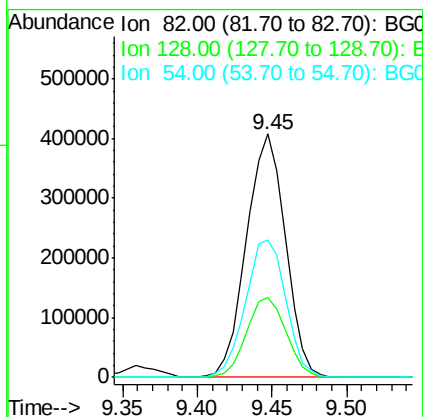
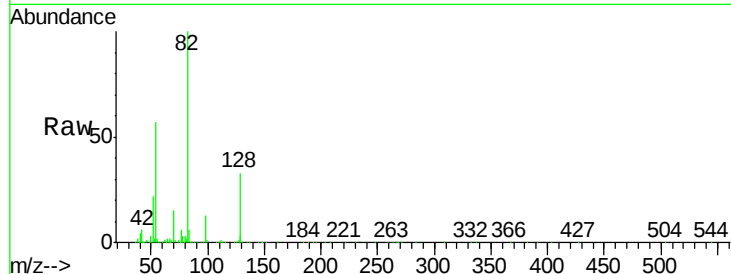




#23
 Nitrobenzene-d5
 Concen: 81.94 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

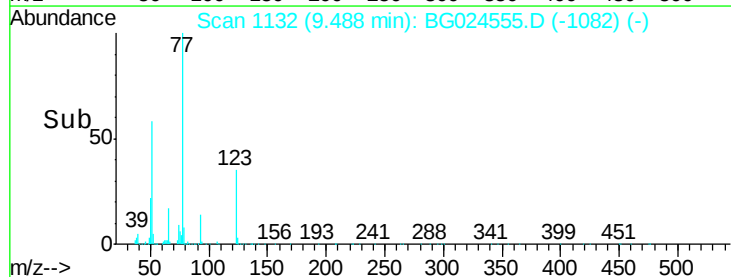
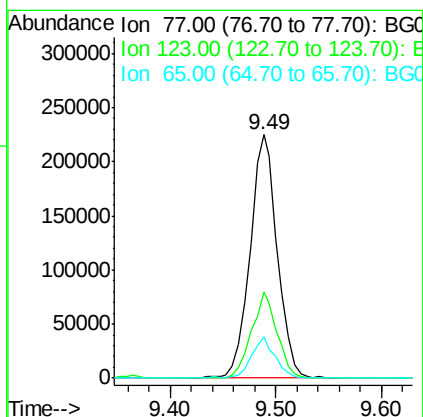
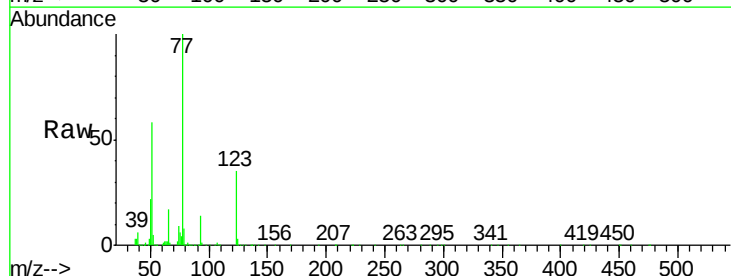
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

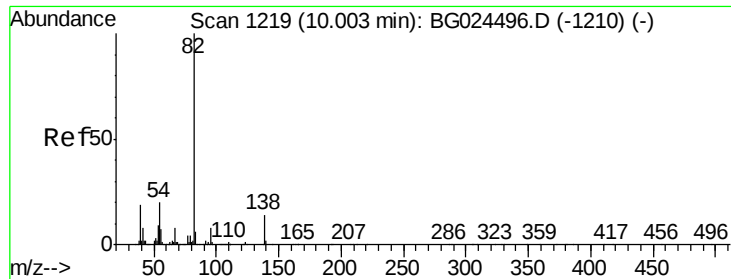
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	26.4	39.6
54	56.6	49.4	74.2



#24
 Nitrobenzene
 Concen: 40.35 ng
 RT: 9.49 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.4	26.1	39.1
65	17.1	12.4	18.6





#25

Isophorone

Concen: 39.31 ng

RT: 10.01 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

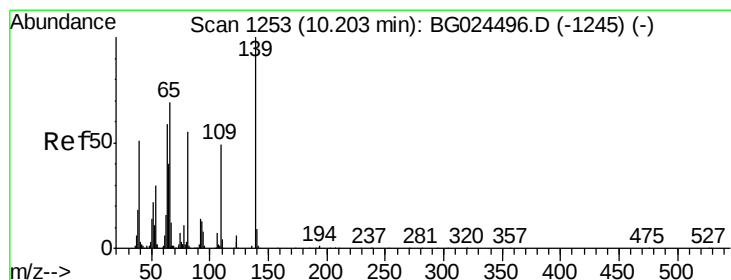
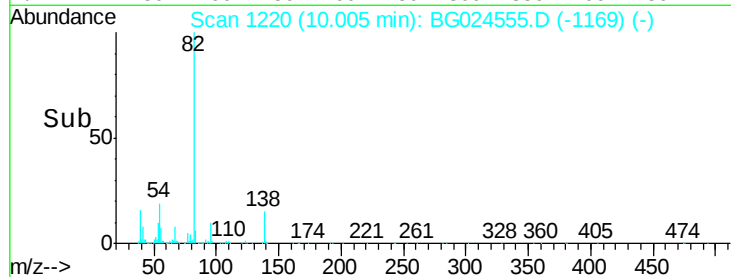
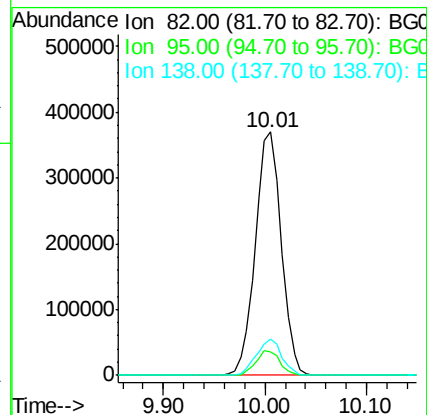
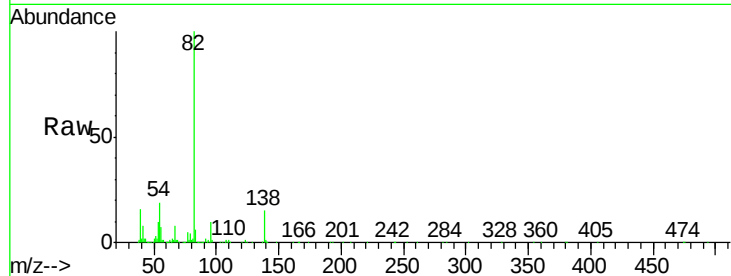
Tgt Ion: 82 Resp: 656116

Ion Ratio Lower Upper

82 100

95 9.8 7.5 11.3

138 15.0 12.3 18.5



#26

2-Nitrophenol

Concen: 38.48 ng

RT: 10.20 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

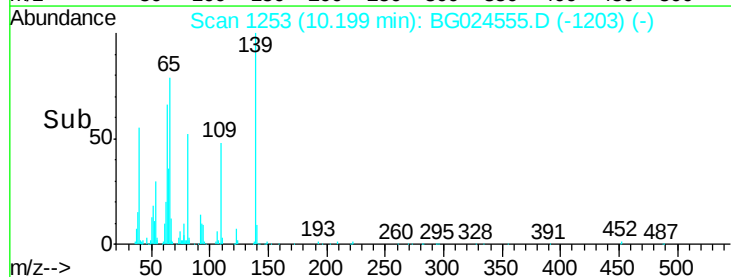
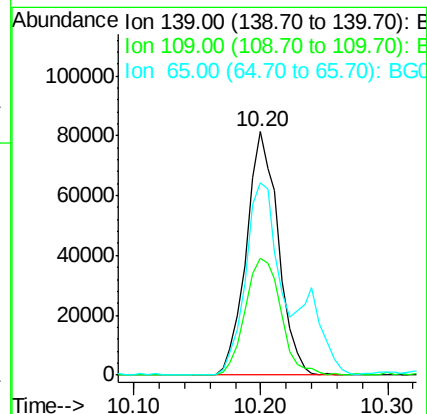
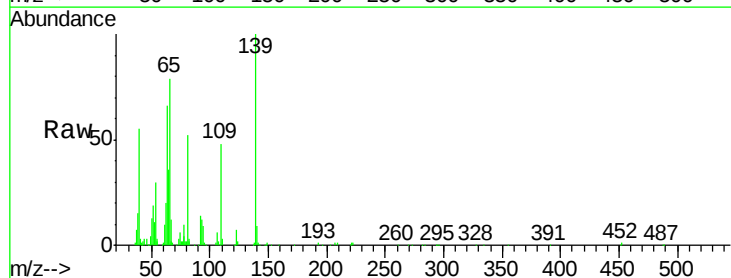
Tgt Ion: 139 Resp: 142573

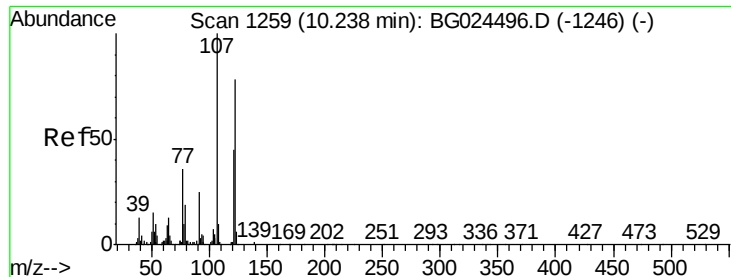
Ion Ratio Lower Upper

139 100

109 47.9 38.6 58.0

65 78.9 57.1 85.7

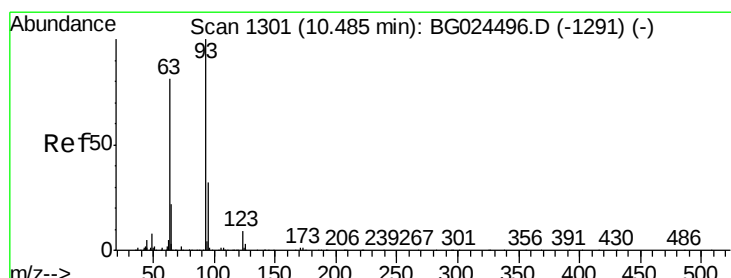
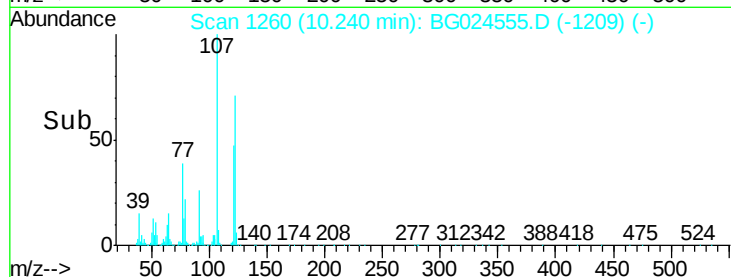
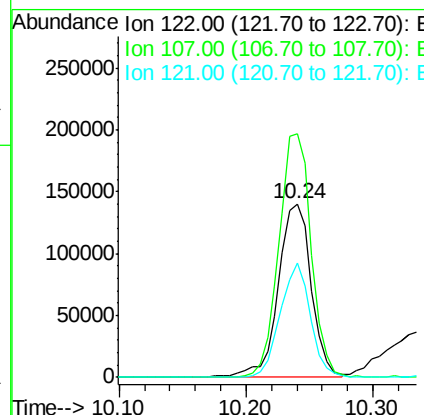
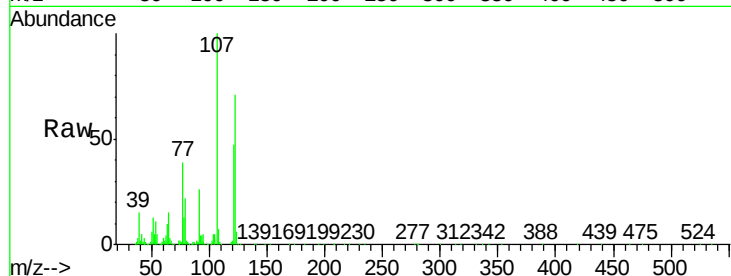




#27
 2,4-Dimethylphenol
 Concen: 39.13 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

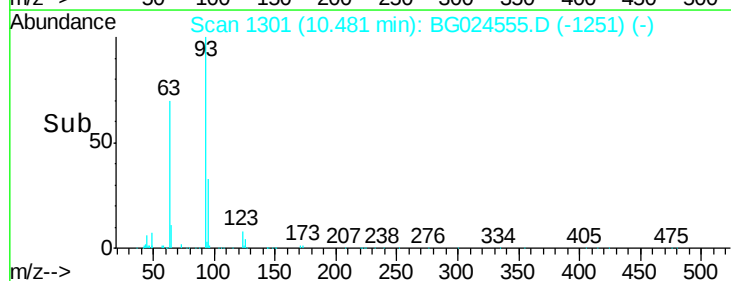
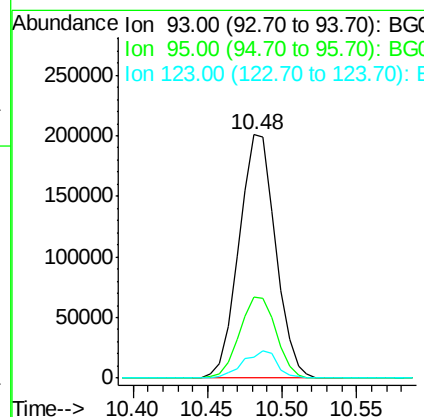
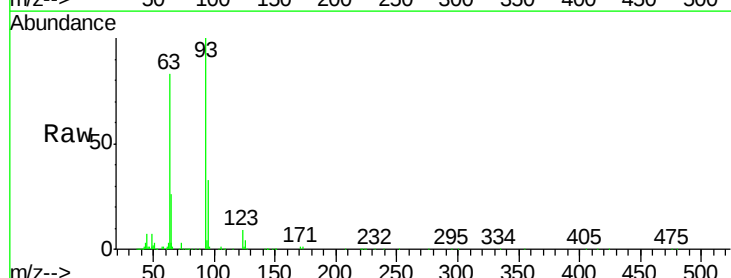
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

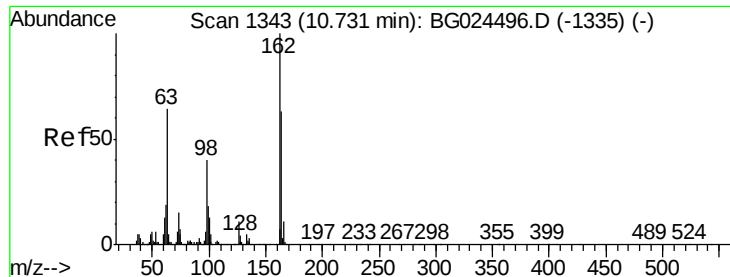
Tgt Ion	Ratio	Lower	Upper
122	100		
107	140.5	104.2	156.4
121	66.0	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.63 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.7	38.5
123	8.8	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 40.14 ng

RT: 10.73 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

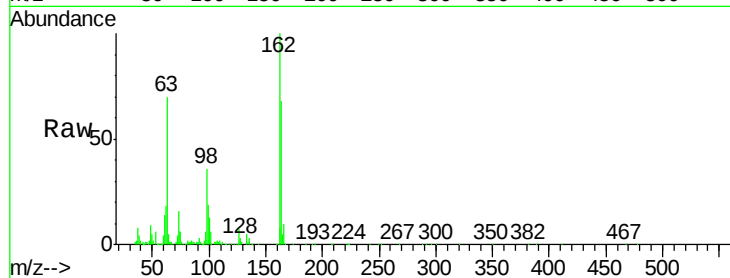
Tgt Ion:162 Resp: 273258

Ion Ratio Lower Upper

162 100

164 68.4 42.4 82.4

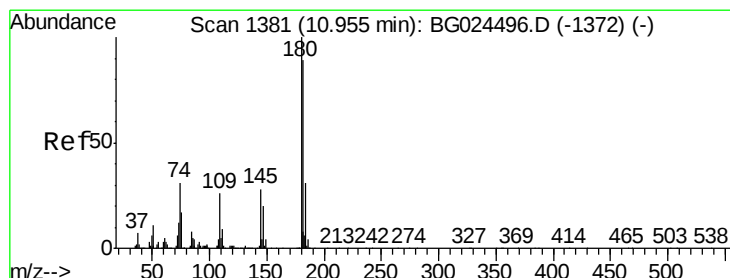
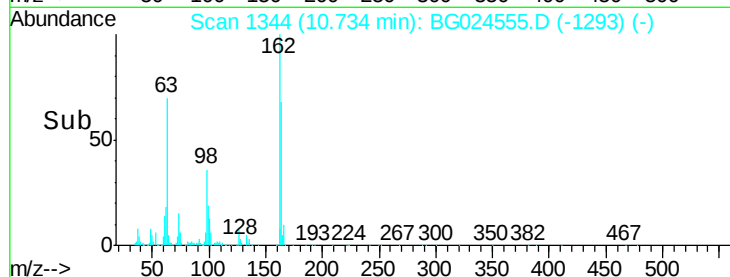
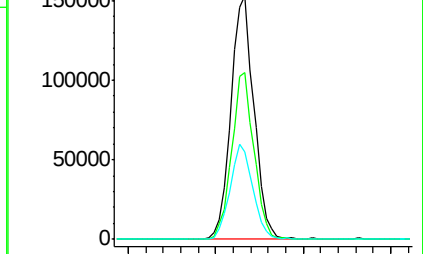
98 35.9 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.47 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

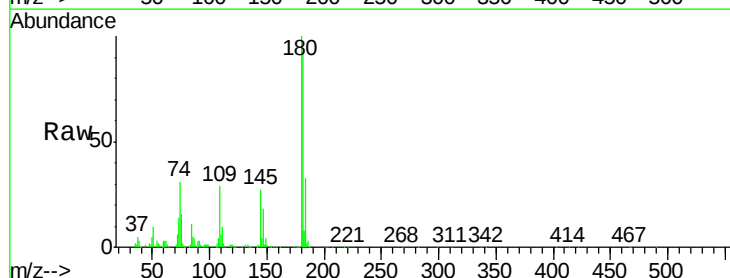
Tgt Ion:180 Resp: 326796

Ion Ratio Lower Upper

180 100

182 93.0 77.0 115.4

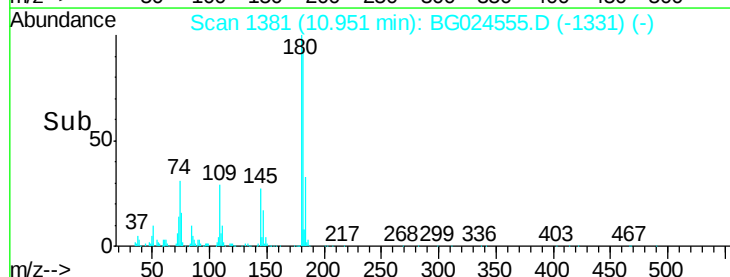
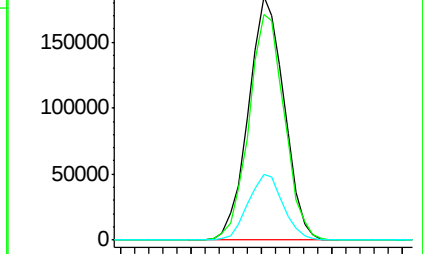
145 27.0 23.4 35.0

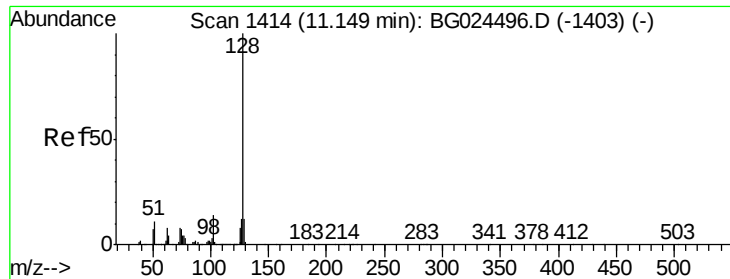


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

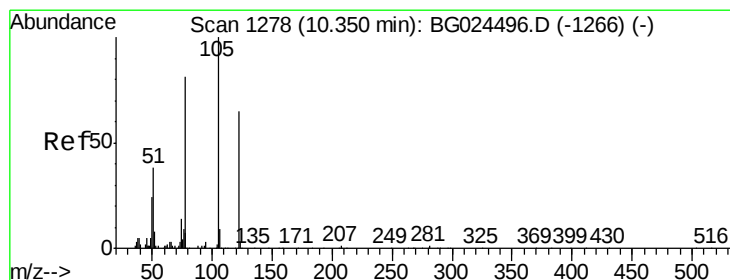
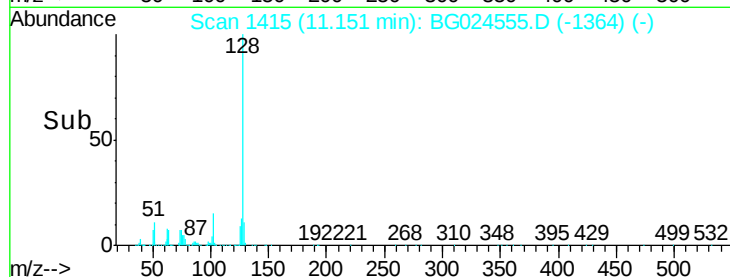
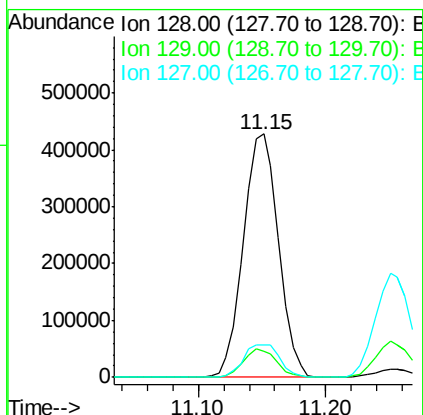
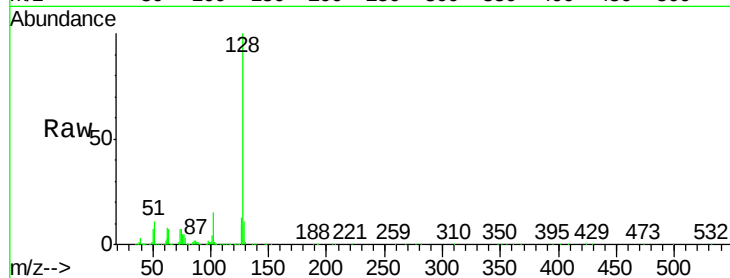




#31
Naphthalene
Concen: 40.35 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

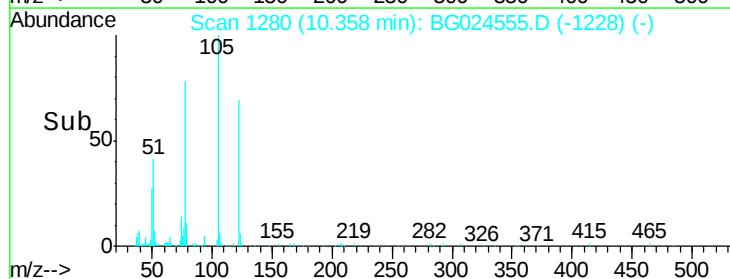
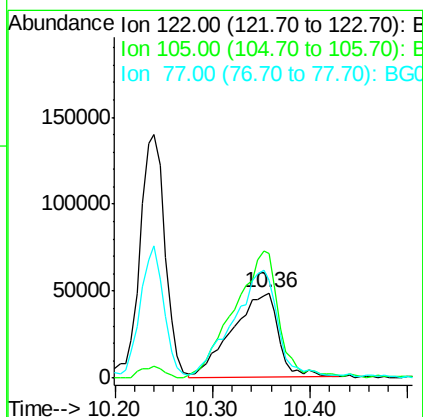
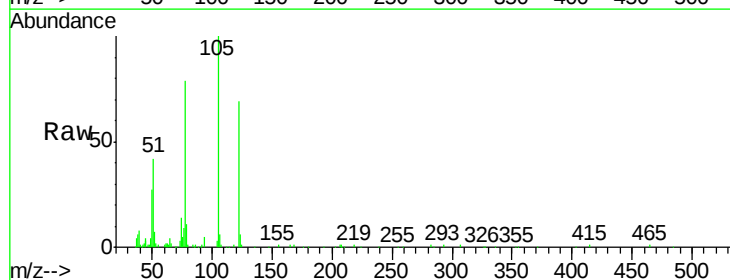
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

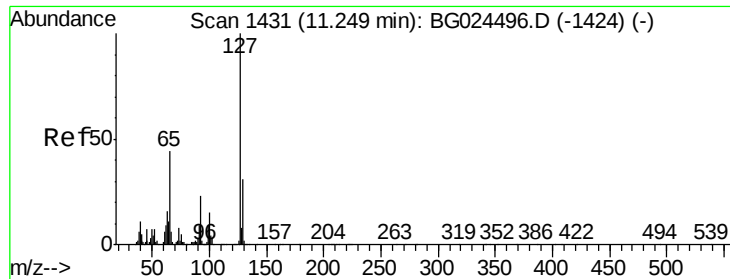
Tgt Ion:128 Resp: 822193
Ion Ratio Lower Upper
128 100
129 10.7 9.3 13.9
127 13.2 11.4 17.0



#32
Benzoic acid
Concen: 29.90 ng
RT: 10.36 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

Tgt Ion:122 Resp: 161483
Ion Ratio Lower Upper
122 100
105 145.7 120.1 160.1
77 114.5 104.6 144.6

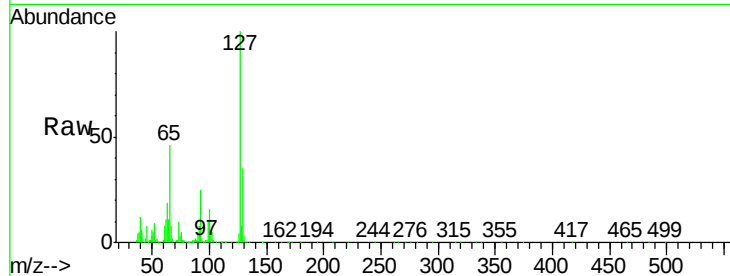




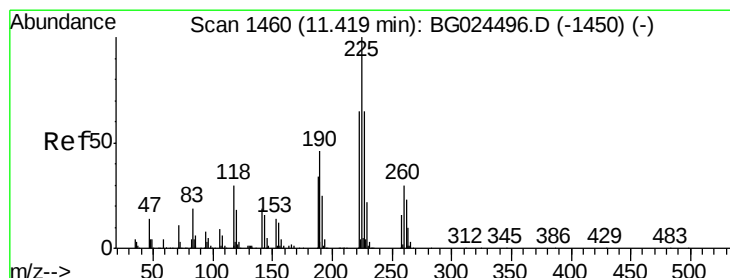
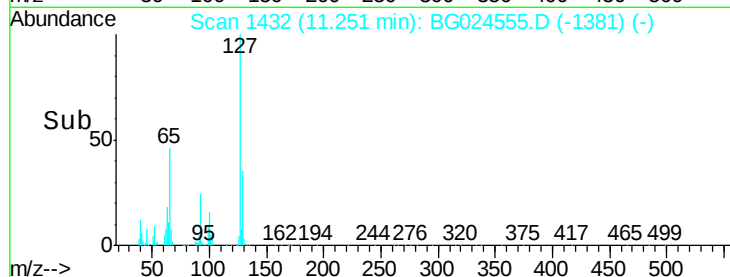
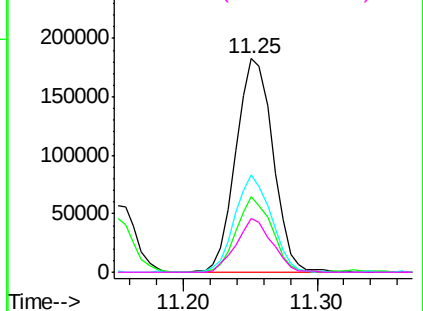
#33
4-Chloroaniline
Concen: 39.85 ng
RT: 11.25 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	352597
Ion Ratio		Lower	Upper
127	100		
129	35.4	23.6	35.4#
65	45.8	37.7	56.5
92	25.0	17.6	26.4

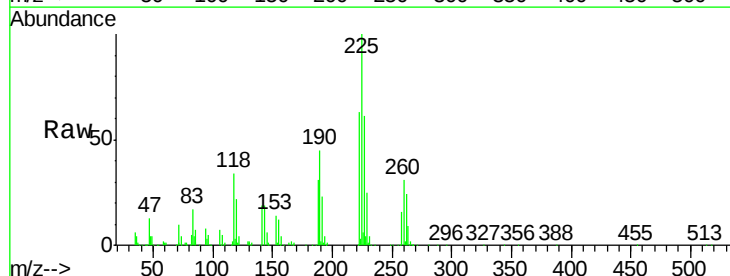


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

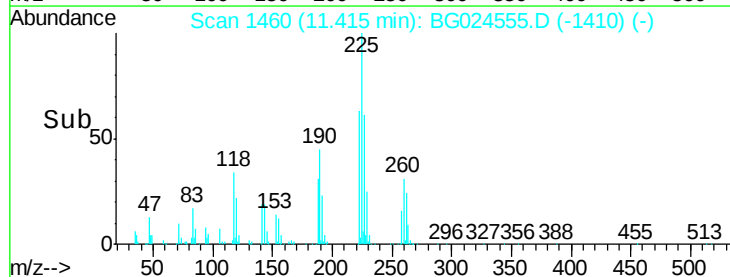
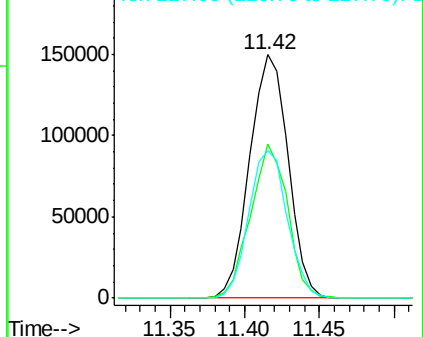


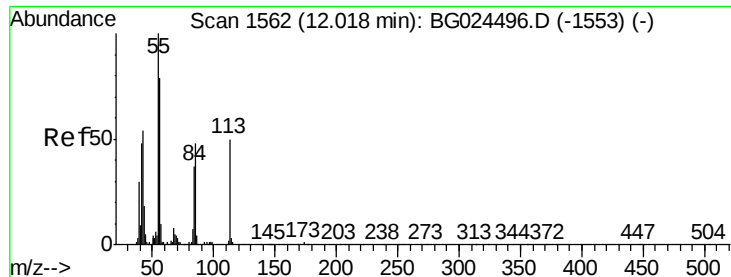
#34
Hexachlorobutadiene
Concen: 42.17 ng
RT: 11.42 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

Tgt Ion:	225	Resp:	266527
Ion Ratio		Lower	Upper
225	100		
223	63.0	50.7	76.1
227	60.7	49.0	73.6



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





#35

Caprolactam

Concen: 37.35 ng

RT: 12.02 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

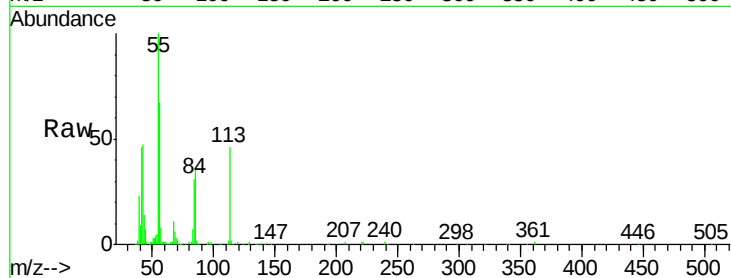
Tgt Ion:113 Resp: 93077

Ion Ratio Lower Upper

113 100

55 217.2 198.6 238.6

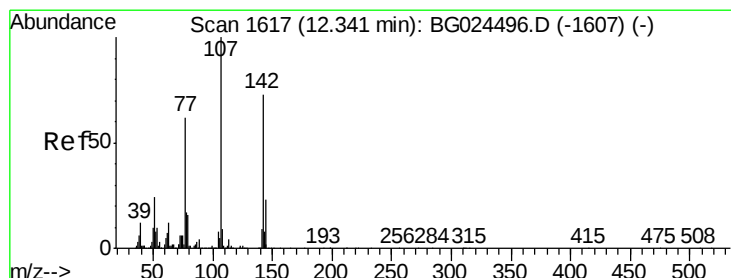
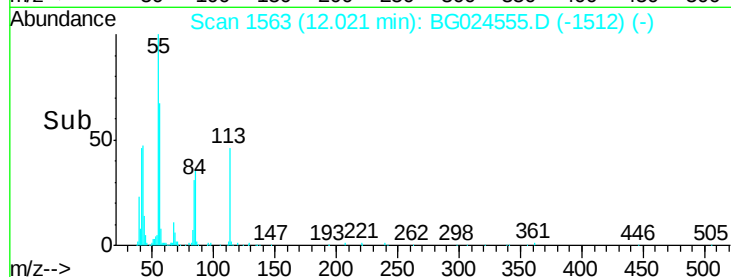
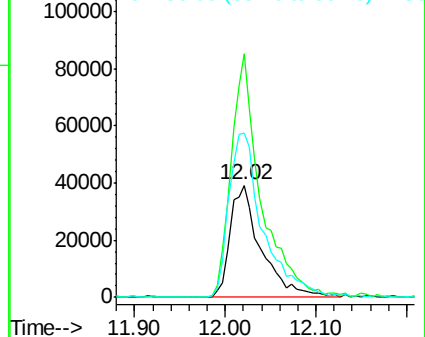
56 146.2 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.72 ng

RT: 12.34 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

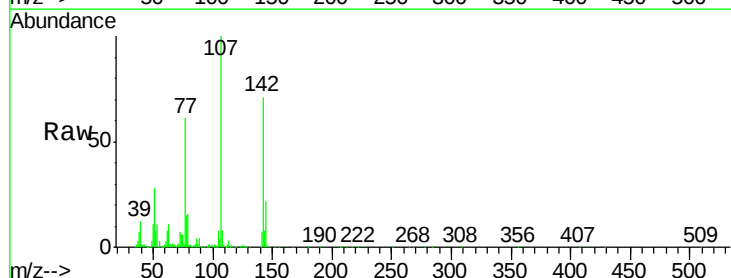
Tgt Ion:107 Resp: 326432

Ion Ratio Lower Upper

107 100

144 22.2 17.4 26.0

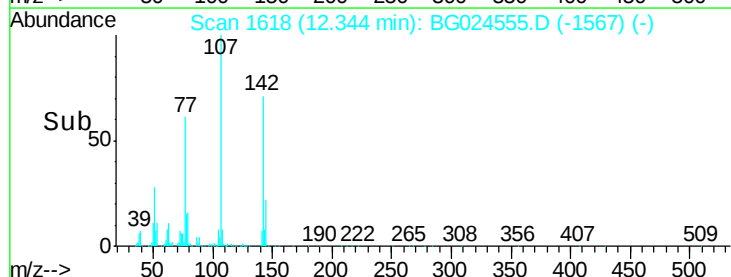
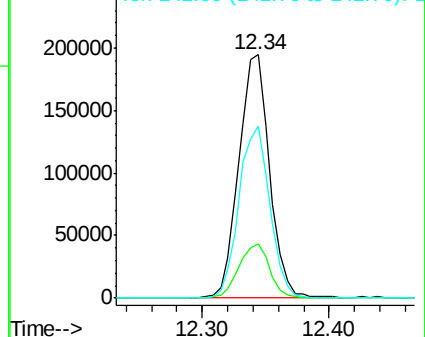
142 70.5 54.1 81.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

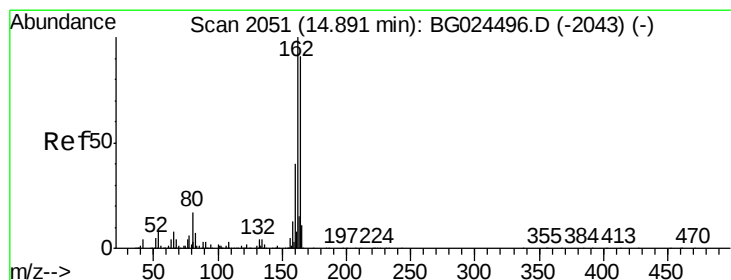
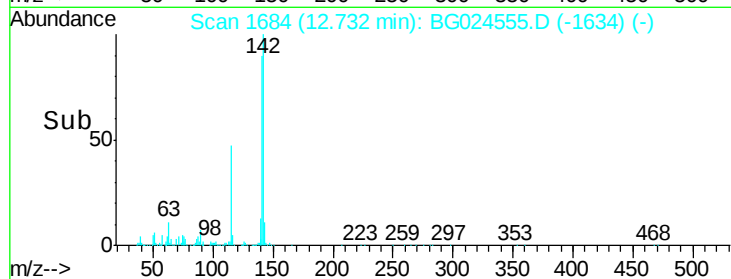
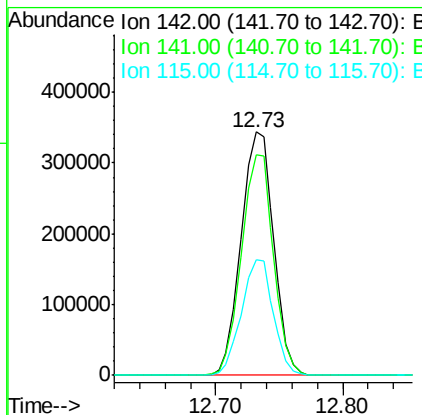
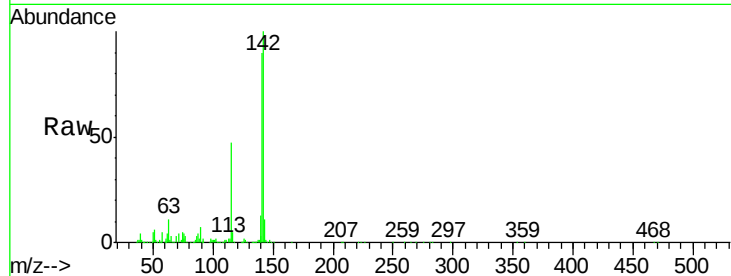




#37
 2-Methylnaphthalene
 Concen: 41.20 ng
 RT: 12.73 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

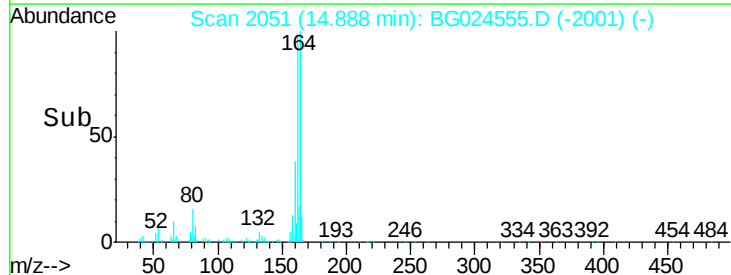
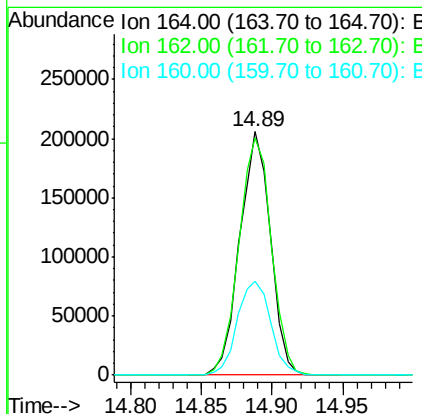
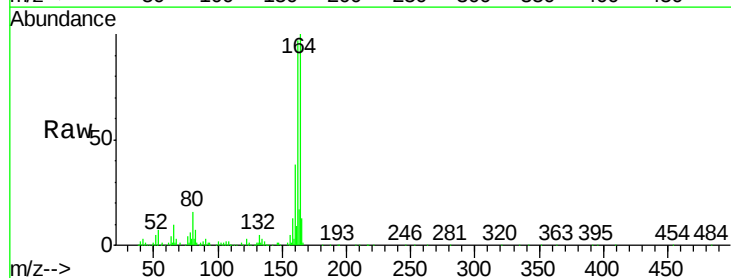
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

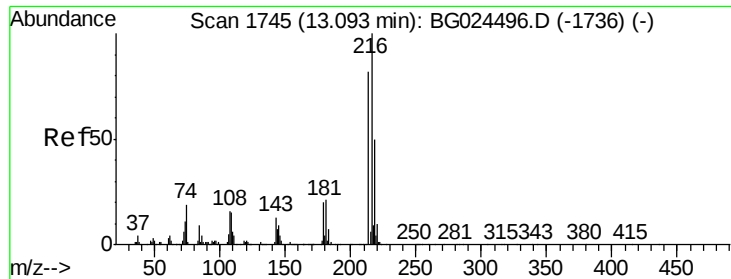
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.4	105.6
115	47.2	35.5	53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	85.1	127.7
160	38.5	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.43 ng

RT: 13.09 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 436410

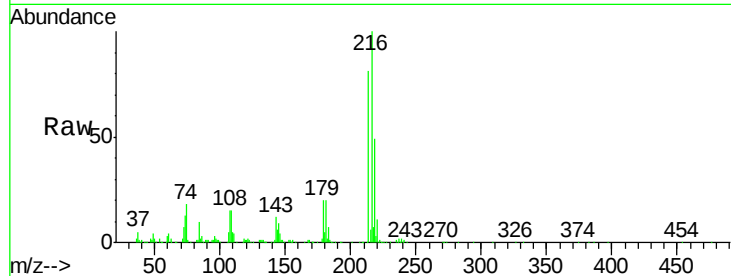
Ion Ratio Lower Upper

216 100

214 77.0 64.4 96.6

179 19.8 17.4 26.0

108 16.8 15.6 23.4

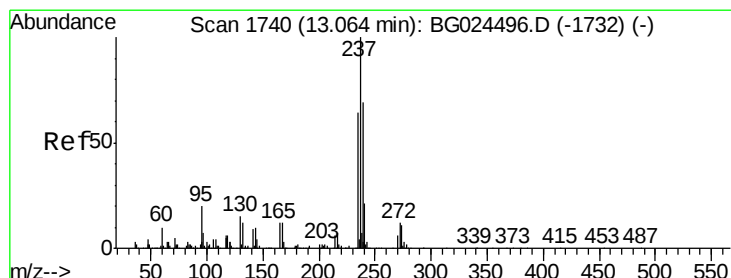
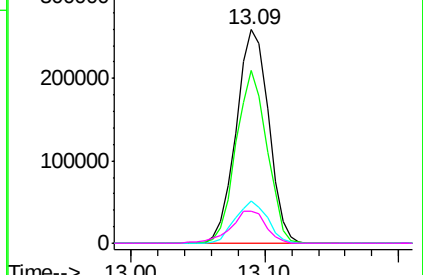
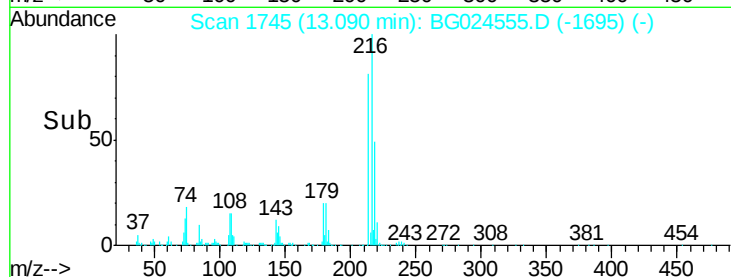


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.41 ng

RT: 13.06 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

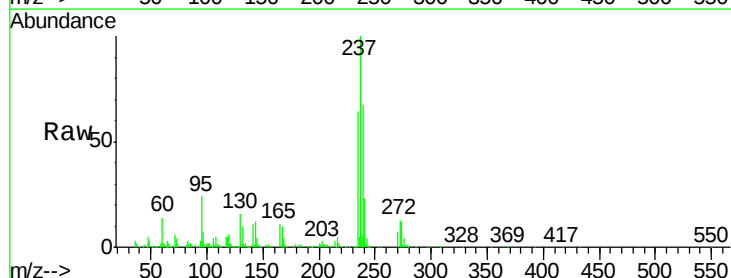
Tgt Ion:237 Resp: 239753

Ion Ratio Lower Upper

237 100

235 64.1 39.4 79.4

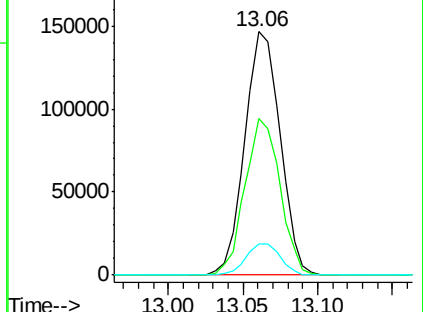
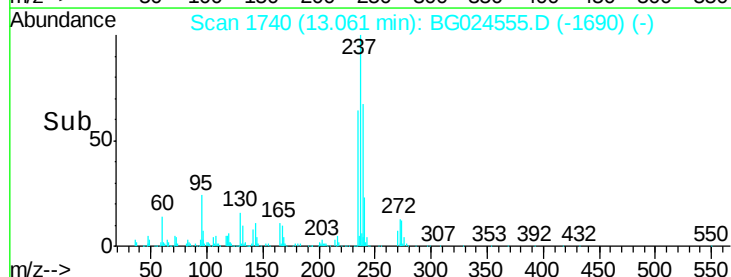
272 12.7 0.0 32.0

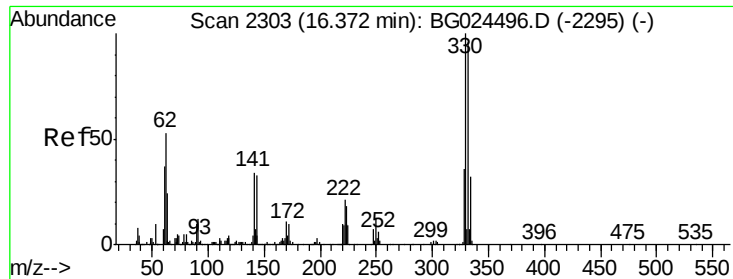


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

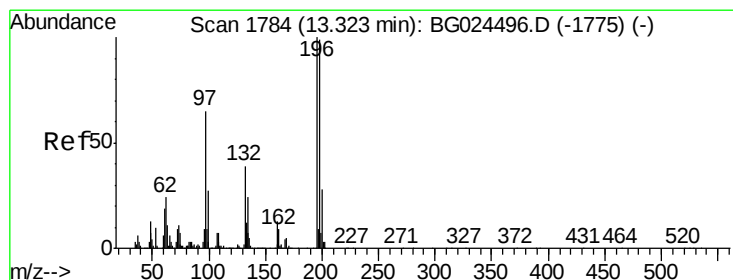
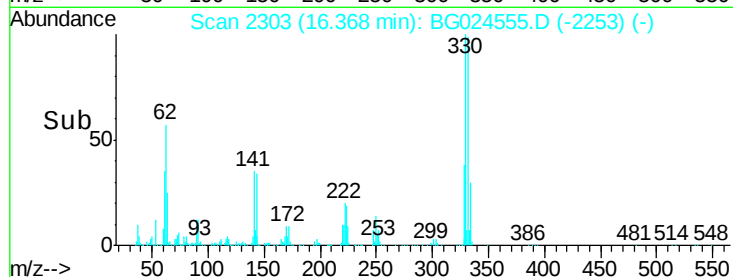
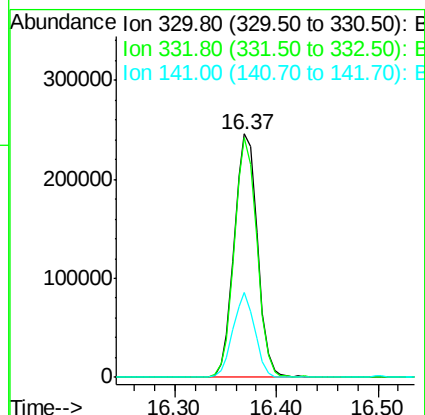
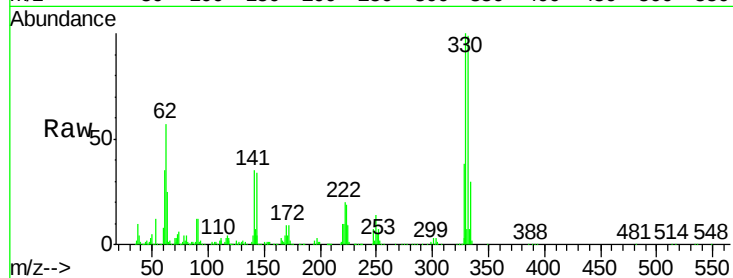




#41
 2,4,6-Tribromophenol
 Concen: 83.88 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

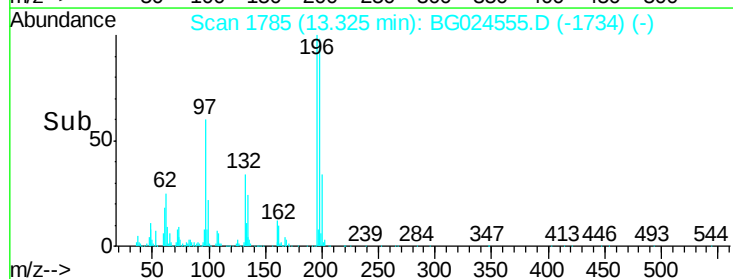
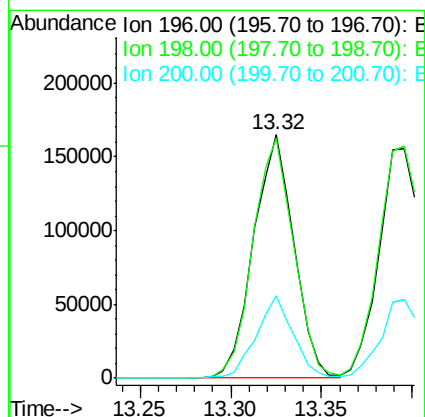
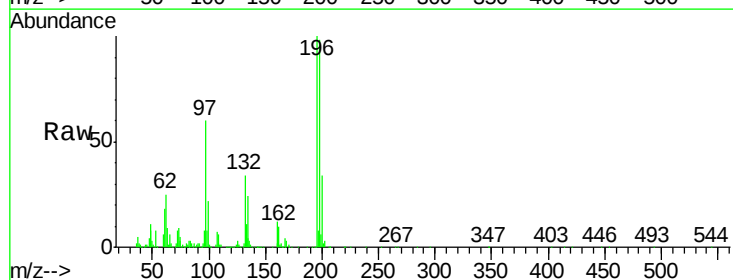
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

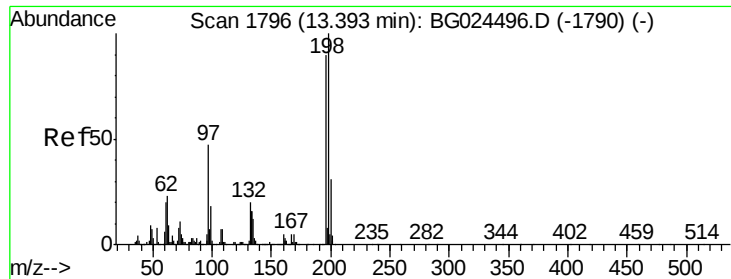
Tgt Ion:330 Resp: 391416
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.3 115.9
 141 32.5 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 40.28 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

Tgt Ion:196 Resp: 255034
 Ion Ratio Lower Upper
 196 100
 198 98.5 81.4 122.2
 200 33.9 27.0 40.6

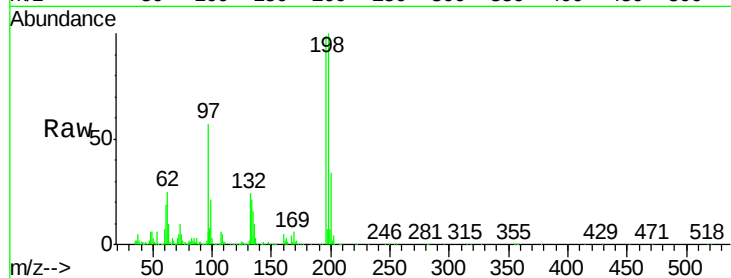




#43
 2,4,5-Trichlorophenol
 Concen: 38.86 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.9	79.9	119.9
97	57.1	45.4	68.0
132	24.6	20.7	31.1



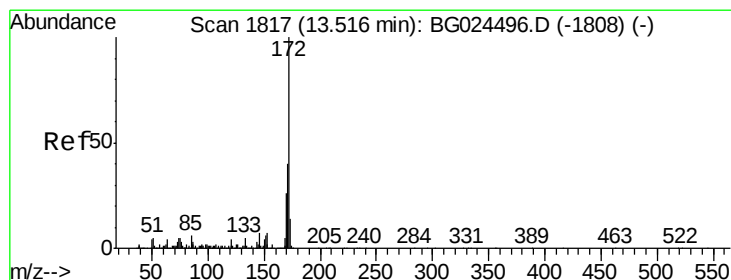
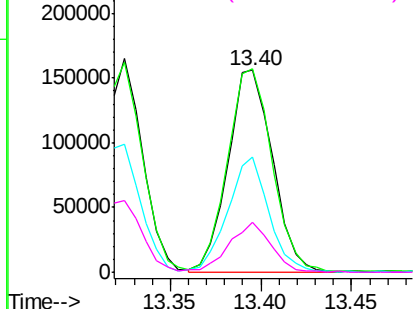
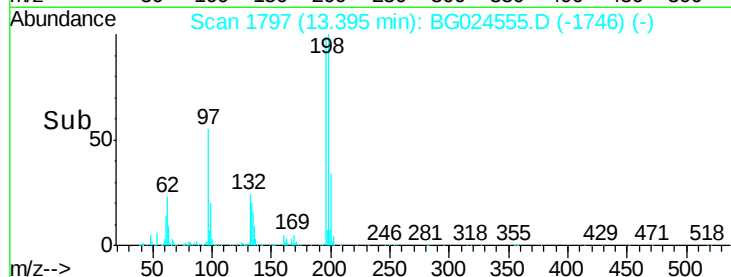
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

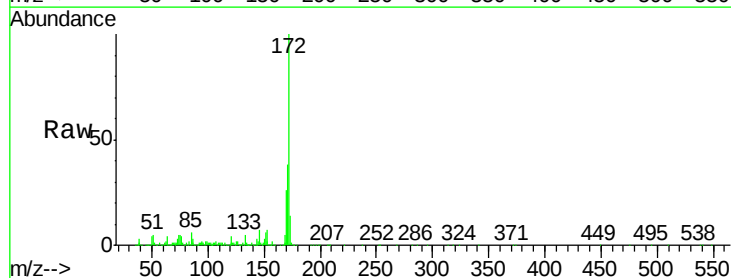
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.98 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	26.2	21.8	32.6

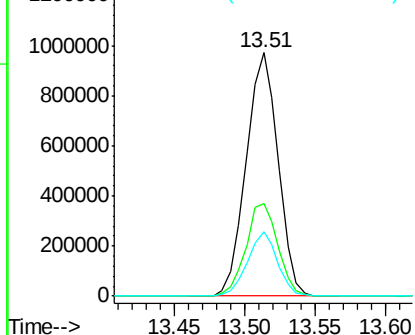
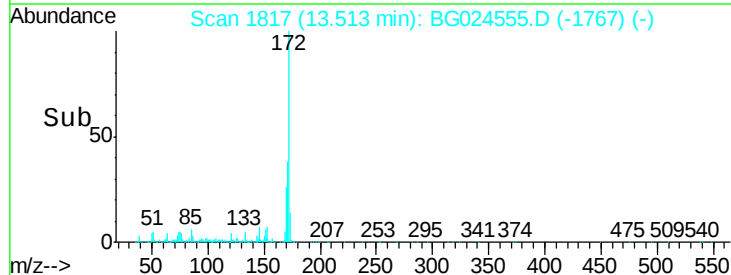


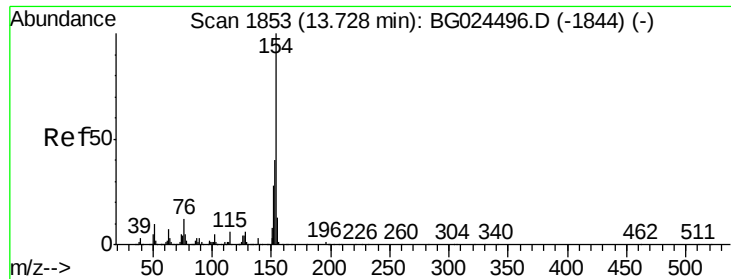
Abundance

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

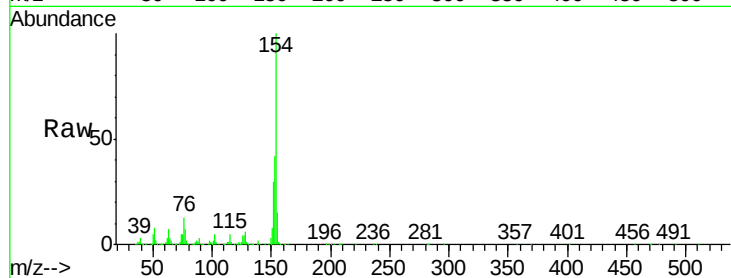




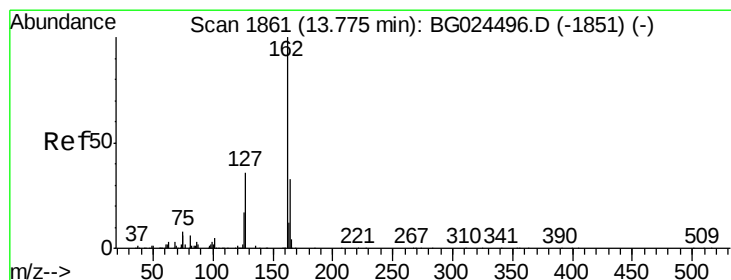
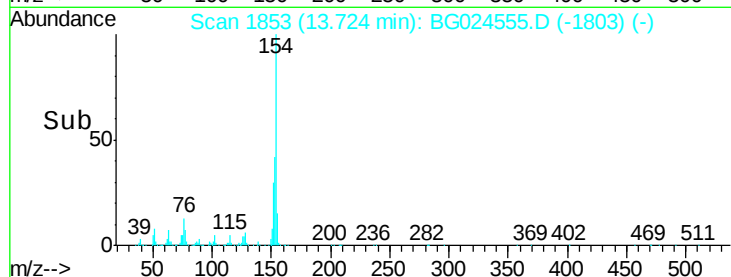
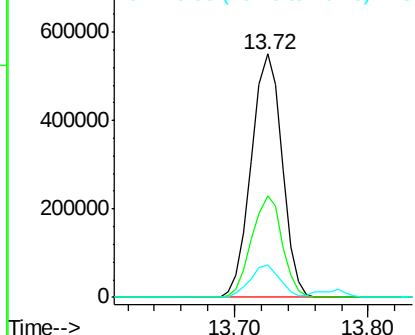
#45
 1,1'-Biphenyl
 Concen: 40.36 ng
 RT: 13.72 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.0	63.0
76	13.4	0.0	33.5

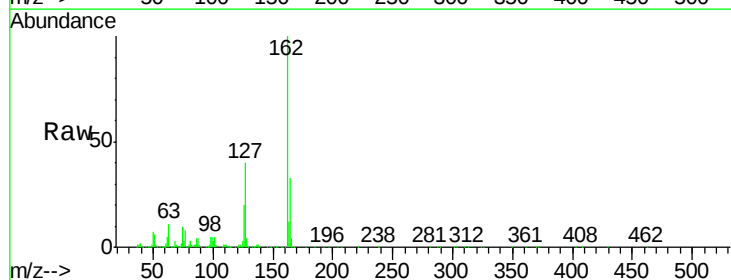


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

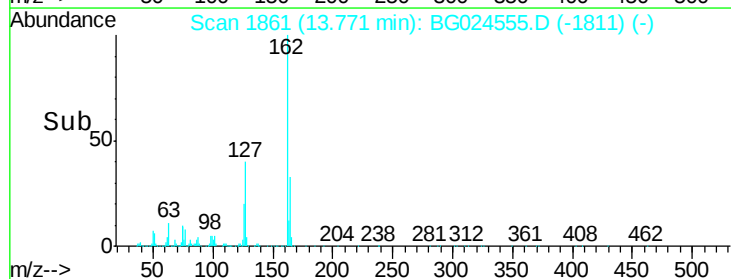
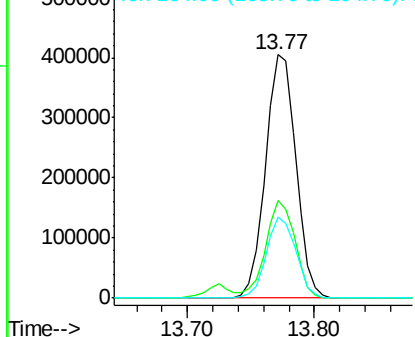


#46
 2-Chloronaphthalene
 Concen: 40.83 ng
 RT: 13.77 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG024555.D
 Acq: 29 Oct 2016 1:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.2	48.4
164	33.1	27.3	40.9



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

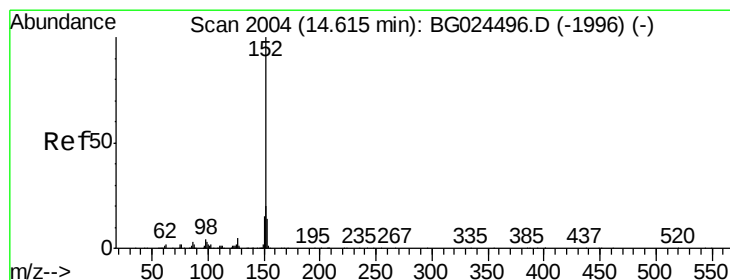
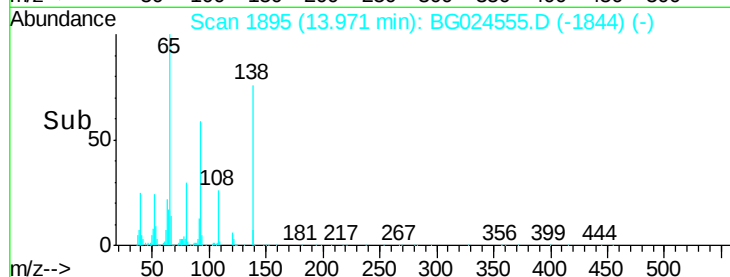
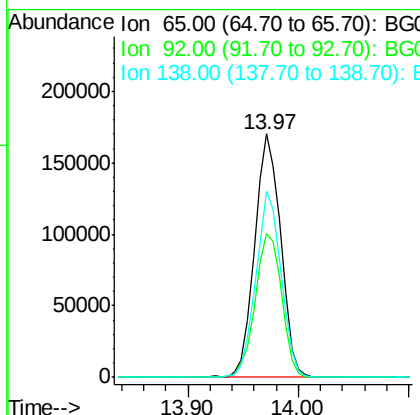
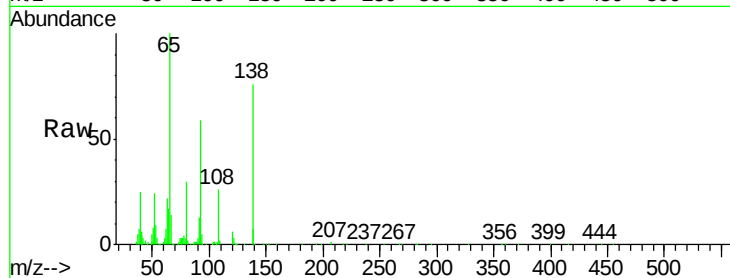




#47
2-Nitroaniline
Concen: 41.58 ng
RT: 13.97 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

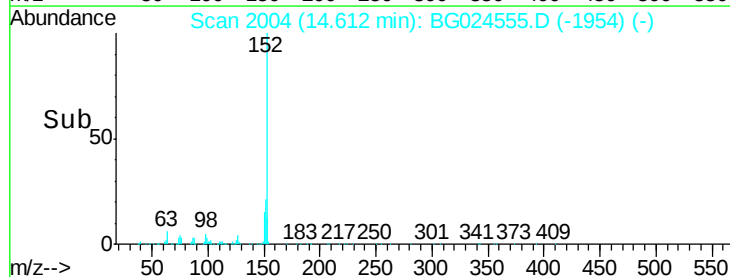
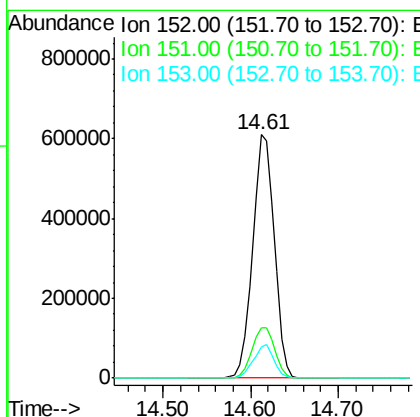
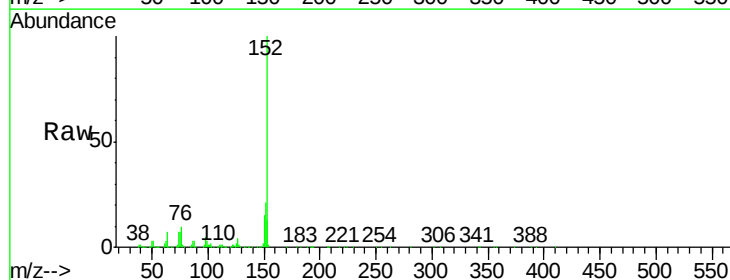
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

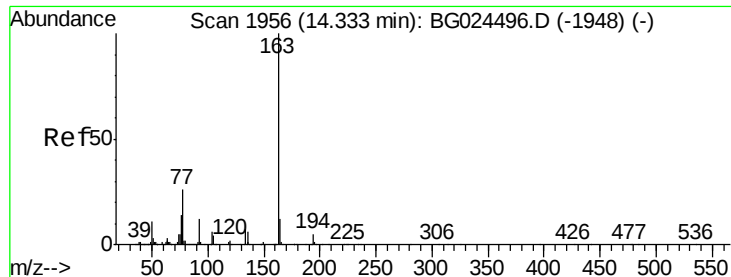
Tgt Ion: 65 Resp: 280992
Ion Ratio Lower Upper
65 100
92 59.3 49.0 73.4
138 76.2 58.6 87.8



#48
Acenaphthylene
Concen: 40.24 ng
RT: 14.61 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG024555.D
Acq: 29 Oct 2016 1:23

Tgt Ion: 152 Resp: 1018532
Ion Ratio Lower Upper
152 100
151 20.8 18.2 27.2
153 13.0 11.3 16.9





#49

Dimethylphthalate

Concen: 40.10 ng

RT: 14.33 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

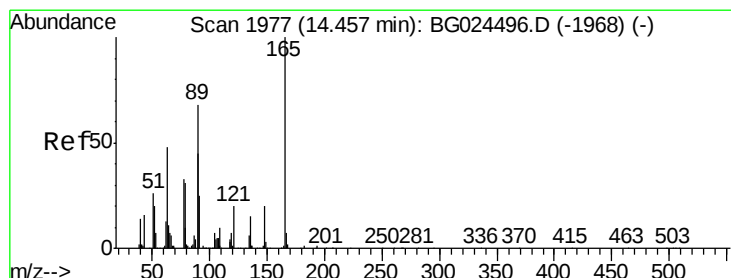
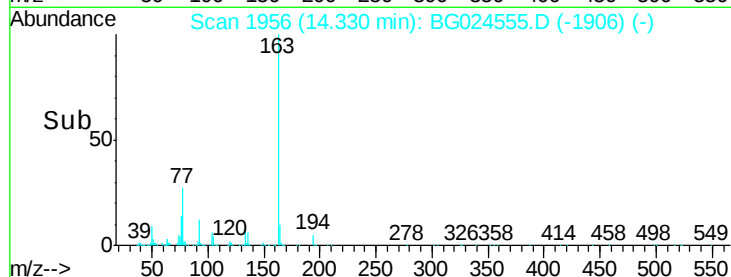
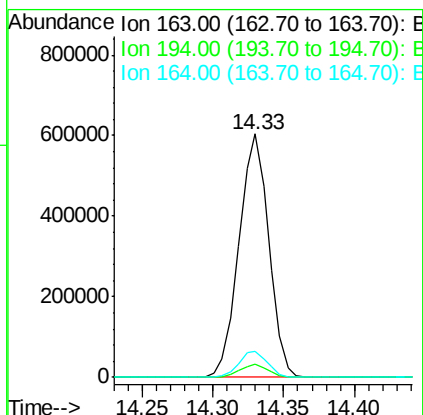
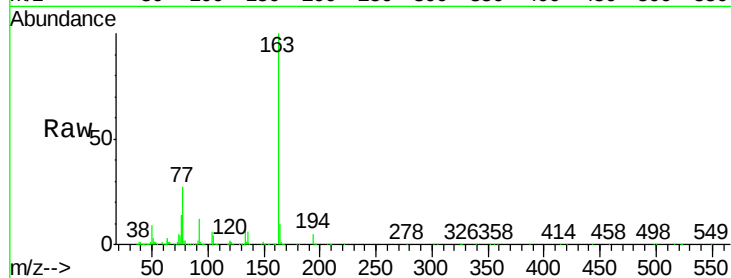
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	163	Resp:	889255
Ion Ratio		Lower	Upper
163	100		
194	5.3	3.8	5.6
164	10.4	9.3	13.9



#50

2,6-Dinitrotoluene

Concen: 42.85 ng

RT: 14.46 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG024555.D

Acq: 29 Oct 2016 1:23

Tgt Ion:	165	Resp:	202848
Ion Ratio		Lower	Upper
165	100		
63	70.5	63.9	95.9
89	69.0	58.6	88.0

