

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023293.D
 Acq On : 27 Jul 2016 21:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 28 01:15:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	189340	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	857410	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	552679	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1267277	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1277298	20.00	ng	0.00
86) Perylene-d12	25.30	264	1330643	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	994278	89.65	ng	0.00
7) Phenol-d6	7.29	99	1456558	85.54	ng	0.00
23) Nitrobenzene-d5	9.31	82	1376599	78.51	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	585668	102.38	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2579113	87.34	ng	0.00
78) Terphenyl-d14	20.18	244	3089104	78.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	210336	44.22	ng	# 92
3) Pyridine	3.95	79	595815	35.79	ng	95
4) n-Nitrosodimethylamine	3.86	42	241060	32.05	ng	# 71
6) Aniline	7.45	93	865671	38.06	ng	94
8) 2-Chlorophenol	7.70	128	537130	43.41	ng	96
9) Benzaldehyde	7.26	77	439349	35.92	ng	92
10) Phenol	7.32	94	753907	41.96	ng	# 80
11) bis(2-Chloroethyl)ether	7.55	93	594444	38.93	ng	93
12) 1,3-Dichlorobenzene	8.17	146	612669	43.93	ng	94
13) 1,4-Dichlorobenzene	8.17	146	612669	43.06	ng	96
14) 1,2-Dichlorobenzene	8.49	146	584622	42.60	ng	96
15) Benzyl Alcohol	8.37	79	381119	33.26	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	8.66	45	905649	37.27	ng	90
17) 2-Methylphenol	8.59	107	501677	40.85	ng	# 88
18) Hexachloroethane	9.23	117	235950	39.81	ng	92
19) n-Nitroso-di-n-propylamine	8.94	70	552040	36.04	ng	97
20) 3+4-Methylphenols	8.92	107	702812	42.09	ng	90
22) Acetophenone	8.97	105	931695	41.62	ng	# 90
24) Nitrobenzene	9.36	77	796130	39.10	ng	# 88
25) Isophorone	9.88	82	1438365	39.72	ng	# 93
26) 2-Nitrophenol	10.08	139	346870	45.11	ng	# 74
27) 2,4-Dimethylphenol	10.13	122	573363	44.23	ng	82
28) bis(2-Chloroethoxy)methane	10.37	93	799813	39.36	ng	99
29) 2,4-Dichlorophenol	10.62	162	567850	45.25	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	597058	43.05	ng	96
31) Naphthalene	11.02	128	1726953	43.35	ng	98
32) Benzoic acid	10.27	122	364861	36.84	ng	93
33) 4-Chloroaniline	11.14	127	739283	40.17	ng	# 89
34) Hexachlorobutadiene	11.31	225	382883	42.12	ng	94
35) Caprolactam	11.92	113	217435	40.75	ng	92
36) 4-Chloro-3-methylphenol	12.26	107	683684	41.47	ng	90
37) 2-Methylnaphthalene	12.85	142	1232091	41.71	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	806990	45.10	ng	99
40) Hexachlorocyclopentadiene	12.97	237	389344	45.92	ng	99

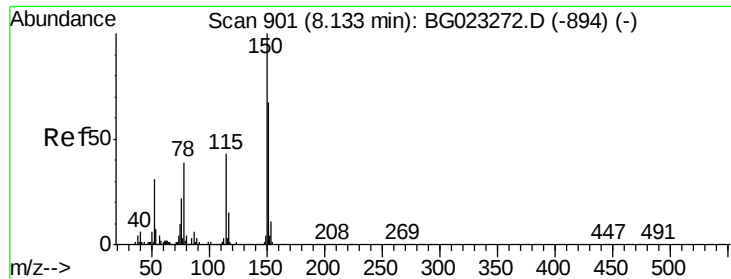
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	492359	46.85	ng	99
43) 2,4,5-Trichlorophenol	13.32	196	507373	45.51	ng	92
45) 1,1'-Biphenyl	13.63	154	1728106	44.83	ng	93
46) 2-Chloronaphthalene	13.69	162	1353366	43.82	ng	97
47) 2-Nitroaniline	13.89	65	524093	40.11	ng	# 84
48) Acenaphthylene	14.53	152	2091999	44.24	ng	95
49) Dimethylphthalate	14.26	163	1696486	41.60	ng	96
50) 2,6-Dinitrotoluene	14.38	165	406085	42.52	ng	# 78
51) Acenaphthene	14.87	154	1342092	43.75	ng	98
52) 3-Nitroaniline	14.72	138	416657	43.31	ng	79
53) 2,4-Dinitrophenol	14.92	184	249633	44.64	ng	# 86
54) Dibenzofuran	15.21	168	1866227	43.00	ng	95
55) 4-Nitrophenol	15.04	139	352019	42.19	ng	# 72
56) 2,4-Dinitrotoluene	15.17	165	568268	42.26	ng	95
57) Fluorene	15.86	166	1637336	42.72	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	424057	44.93	ng	98
59) Diethylphthalate	15.62	149	1728877	41.38	ng	95
60) 4-Chlorophenyl-phenylether	15.85	204	877882	42.31	ng	97
61) 4-Nitroaniline	15.89	138	448792	44.49	ng	# 62
62) Azobenzene	16.14	77	1718518	39.68	ng	91
64) 4,6-Dinitro-2-methylphenol	15.94	198	377812	46.42	ng	93
65) n-Nitrosodiphenylamine	16.06	169	1504462	44.47	ng	92
66) 4-Bromophenyl-phenylether	16.75	248	585826	45.72	ng	96
67) Hexachlorobenzene	16.87	284	619786	48.11	ng	94
68) Atrazine	17.02	200	571509	44.04	ng	96
69) Pentachlorophenol	17.22	266	376532	47.35	ng	97
70) Phenanthrene	17.62	178	2521235	45.48	ng	94
71) Anthracene	17.71	178	2570040	45.89	ng	94
72) Carbazole	17.98	167	2365680	46.12	ng	96
73) Di-n-butylphthalate	18.52	149	2619794	45.77	ng	96
74) Fluoranthene	19.62	202	2798881	44.24	ng	89
76) Benzidine	19.81	184	759459	21.14	ng	98
77) Pyrene	19.99	202	2813098	38.81	ng	# 92
79) Butylbenzylphthalate	20.87	149	1369433	42.94	ng	98
80) Benzo(a)anthracene	21.87	228	2769741	41.42	ng	97
81) 3,3'-Dichlorobenzidine	21.79	252	1193568	44.02	ng	# 93
82) Chrysene	21.94	228	2667628	41.29	ng	93
83) Bis(2-ethylhexyl)phthalate	21.76	149	1889755	42.35	ng	95
84) Di-n-octyl phthalate	23.03	149	3076651	42.15	ng	99
85) Indeno(1,2,3-cd)pyrene	29.21	276	3625217	48.10	ng	# 100
87) Benzo(b)fluoranthene	24.22	252	2944758	41.66	ng	# 93
88) Benzo(k)fluoranthene	24.29	252	2936117	41.55	ng	# 93
89) Benzo(a)pyrene	25.14	252	2901408	41.88	ng	# 93
90) Dibenzo(a,h)anthracene	29.28	278	2966093	45.27	ng	# 89
91) Benzo(g,h,i)perylene	30.42	276	2969469	43.05	ng	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

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SSTDCCC040EC

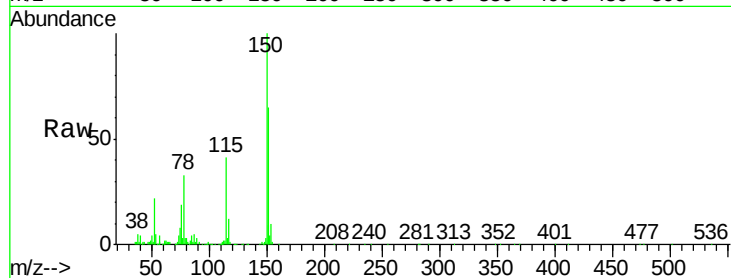
Tgt Ion:152 Resp: 189340

Ion Ratio Lower Upper

152 100

150 154.4 144.7 217.1

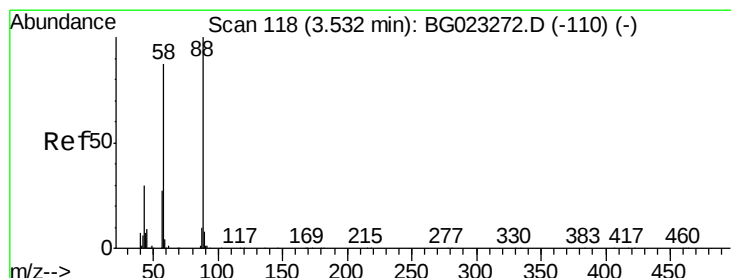
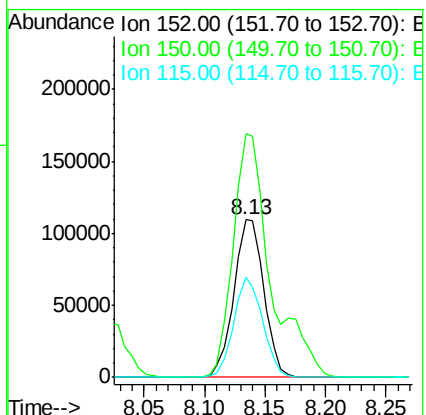
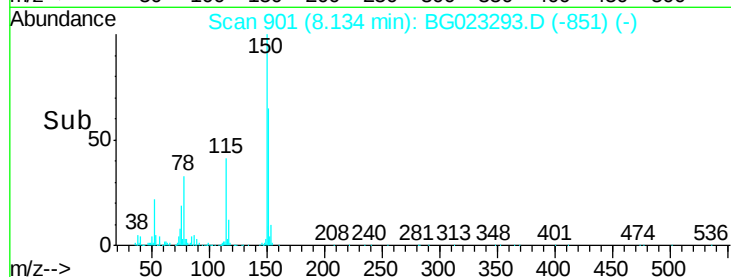
115 63.2 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.22 ng

RT: 3.54 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

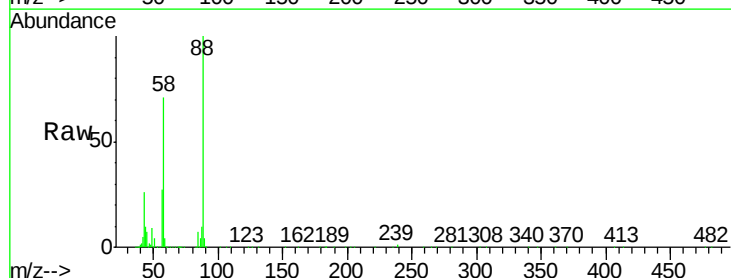
Tgt Ion: 88 Resp: 210336

Ion Ratio Lower Upper

88 100

58 74.7 60.4 90.6

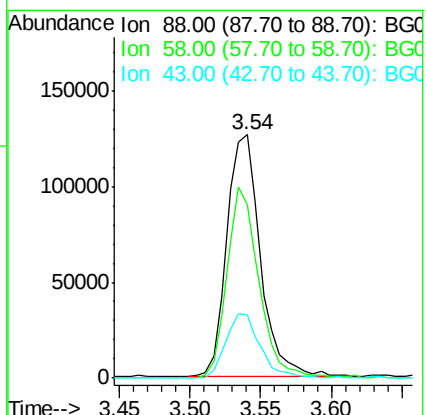
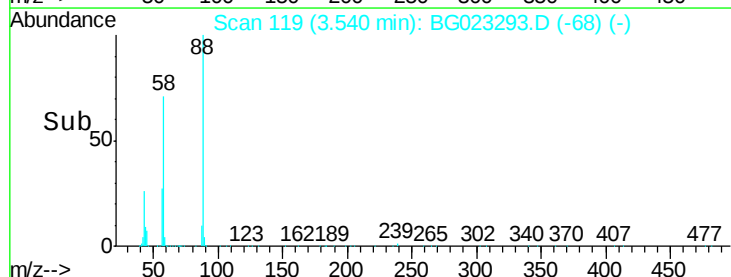
43 26.5 31.1 46.7#

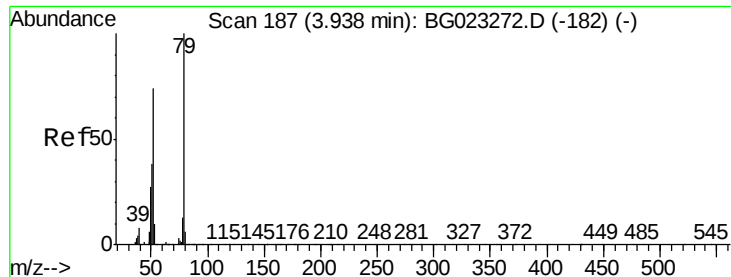


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.79 ng

RT: 3.95 min Scan# 188

Delta R.T. -0.02 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

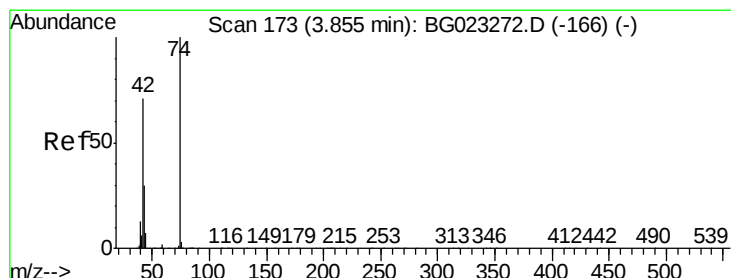
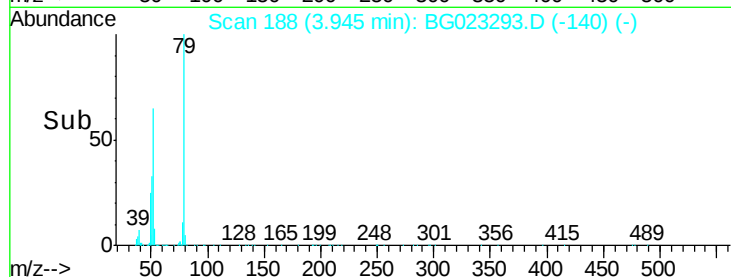
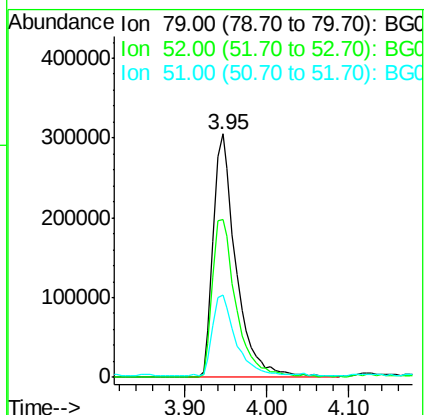
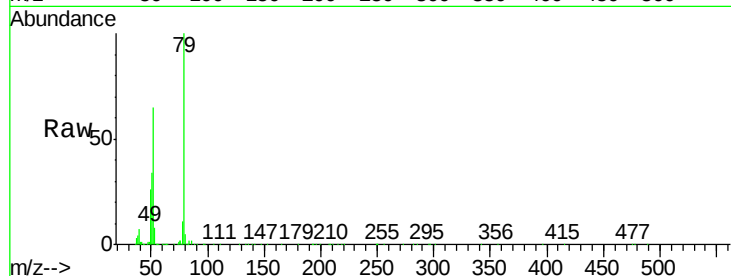
Tgt Ion: 79 Resp: 595815

Ion Ratio Lower Upper

79 100

52 64.9 51.8 77.8

51 33.7 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 32.05 ng

RT: 3.86 min Scan# 173

Delta R.T. -0.01 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

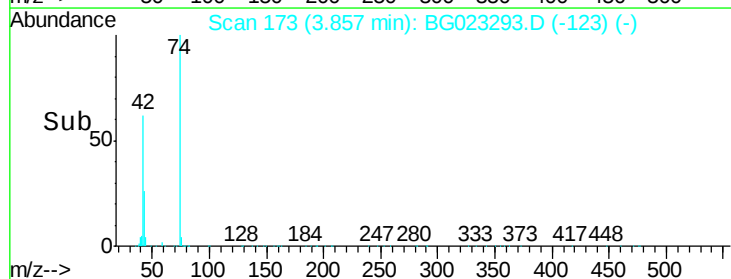
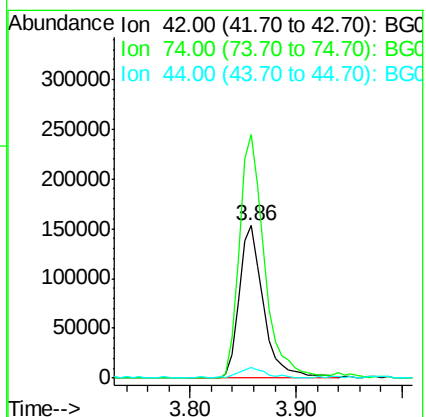
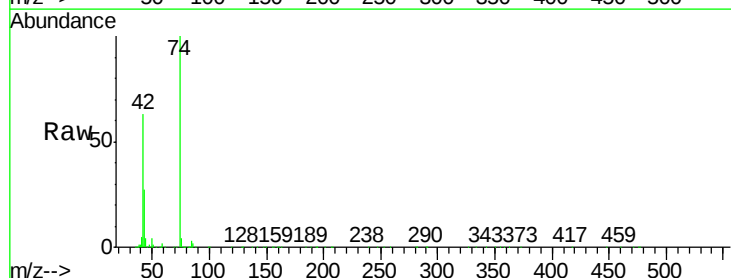
Tgt Ion: 42 Resp: 241060

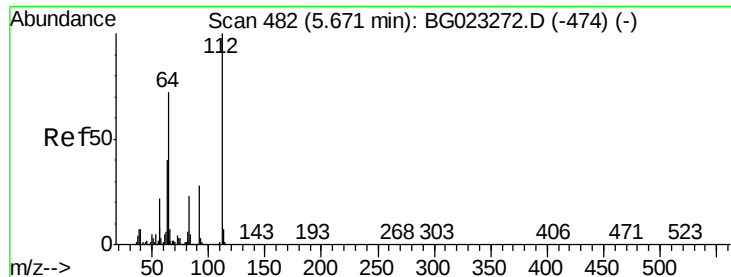
Ion Ratio Lower Upper

42 100

74 159.9 100.6 150.8#

44 7.1 4.5 6.7#





#5

2-Fluorophenol

Concen: 89.65 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

Instrument :

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SSTDCCC040EC

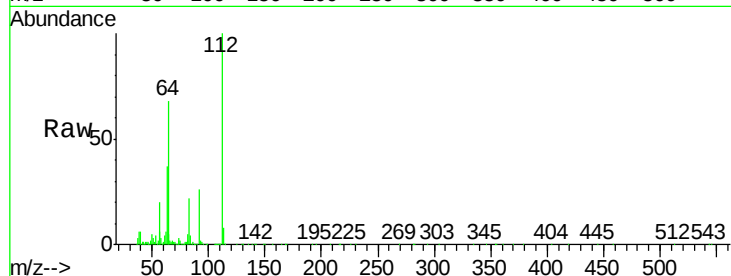
Tgt Ion: 112 Resp: 994278

Ion Ratio Lower Upper

112 100

64 68.4 59.0 88.4

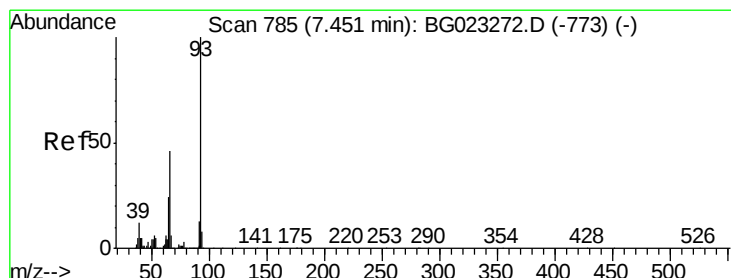
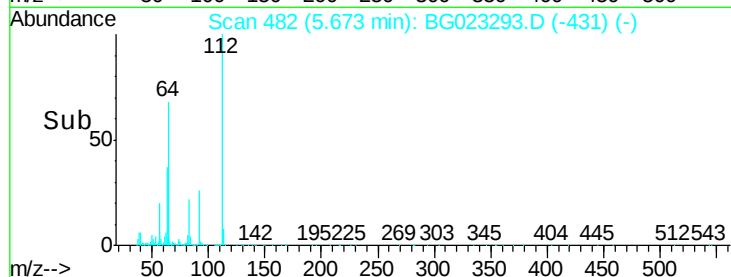
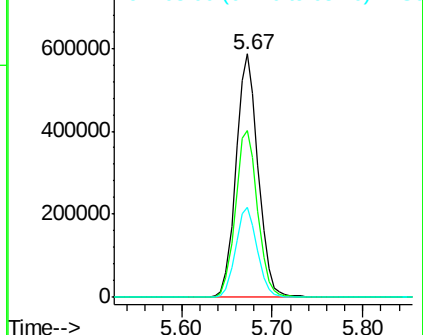
63 36.8 37.8 56.8#



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: 38.06 ng

RT: 7.45 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

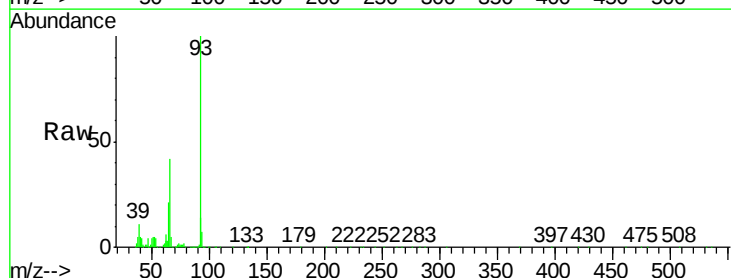
Tgt Ion: 93 Resp: 865671

Ion Ratio Lower Upper

93 100

66 41.6 37.5 56.3

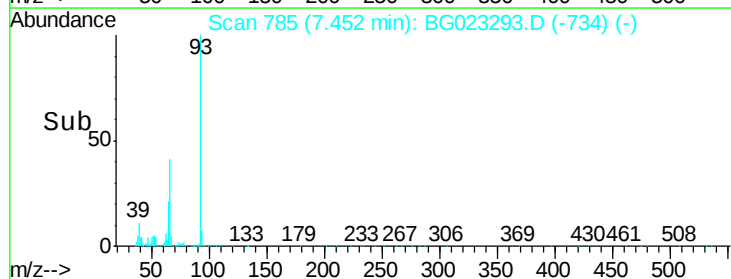
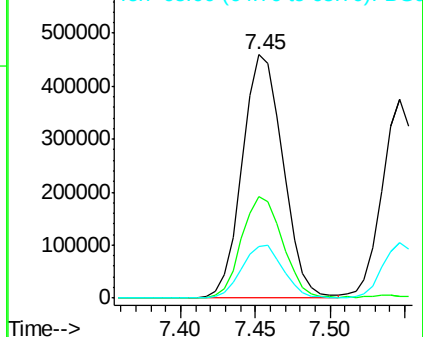
65 21.5 17.9 26.9

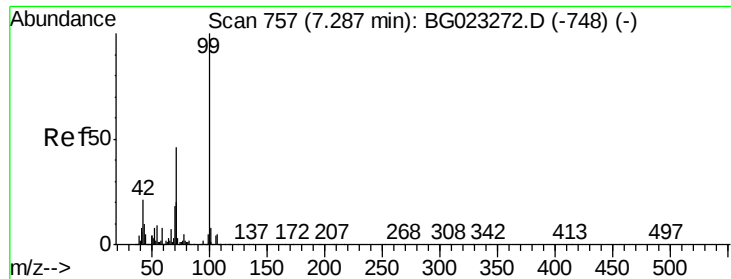


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.54 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023293.D

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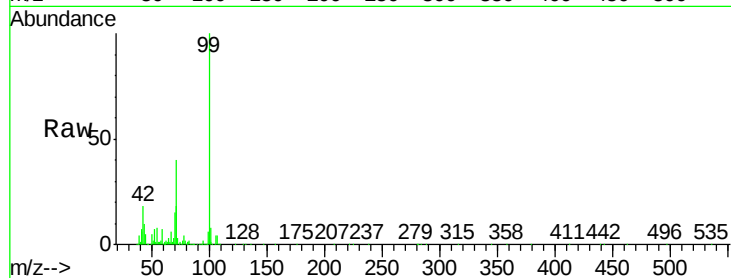
Tgt Ion: 99 Resp: 1456558

Ion Ratio Lower Upper

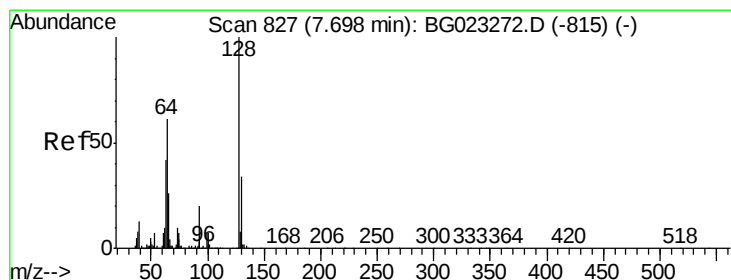
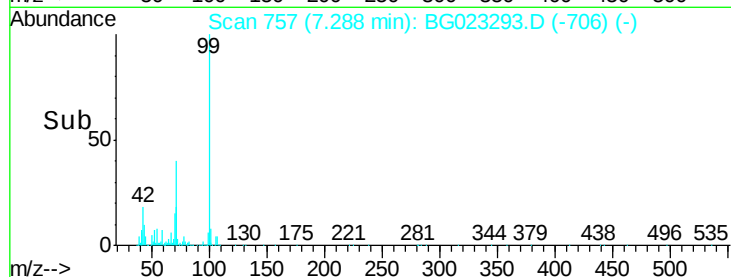
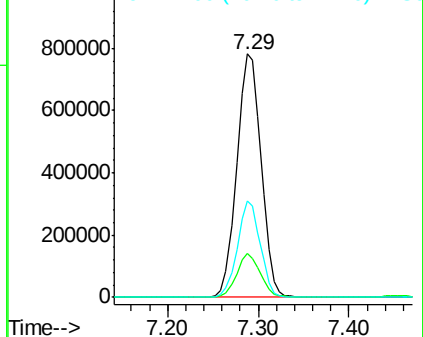
99 100

42 18.2 17.8 26.6

71 39.7 41.5 62.3#



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



#8

2-Chlorophenol

Concen: 43.41 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

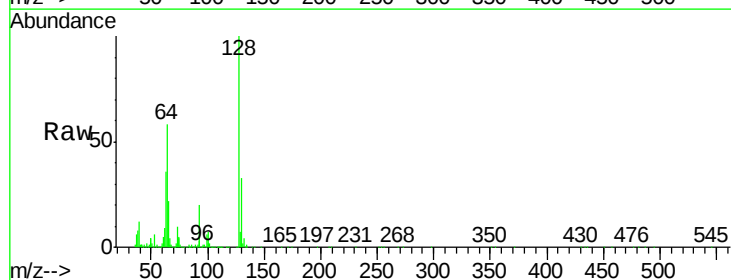
Tgt Ion: 128 Resp: 537130

Ion Ratio Lower Upper

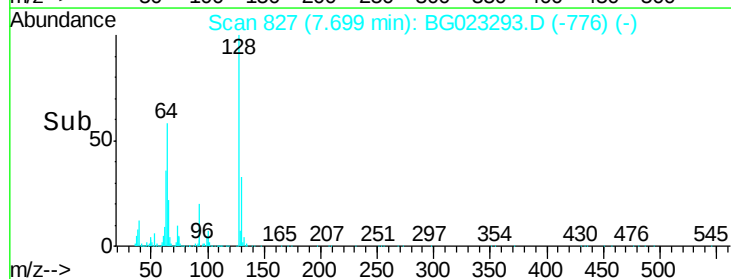
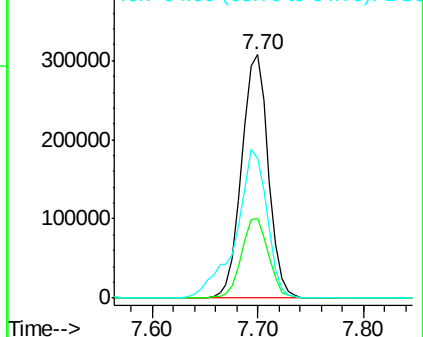
128 100

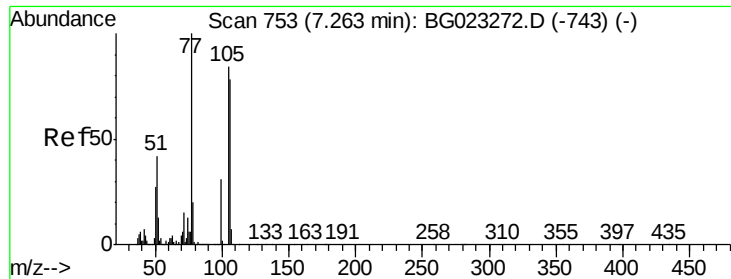
130 32.6 12.9 52.9

64 57.6 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: 35.92 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

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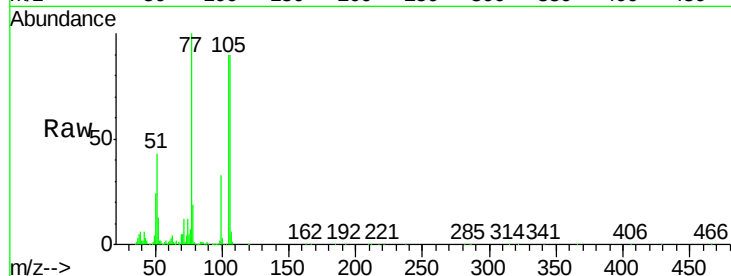
Tgt Ion: 77 Resp: 439349

Ion Ratio Lower Upper

77 100

105 90.4 58.7 98.7

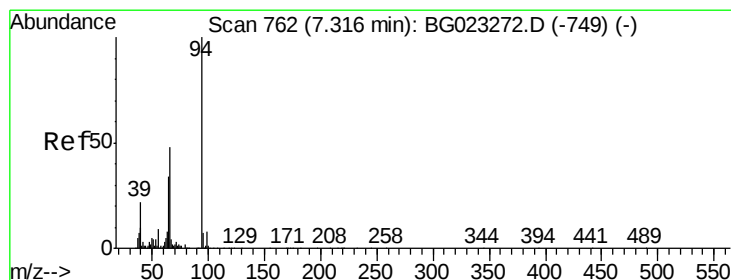
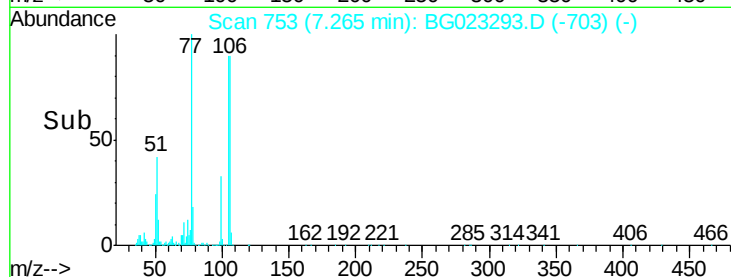
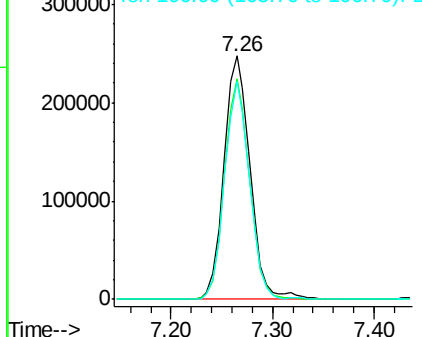
106 89.6 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.96 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

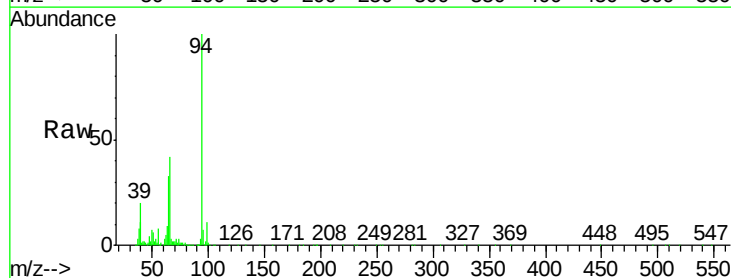
Tgt Ion: 94 Resp: 753907

Ion Ratio Lower Upper

94 100

65 32.9 18.1 58.1

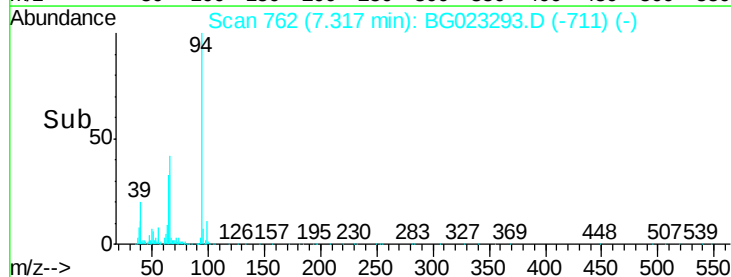
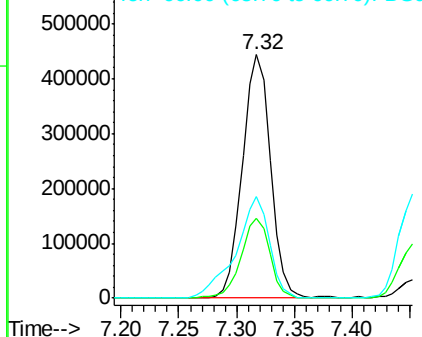
66 41.7 42.1 82.1#

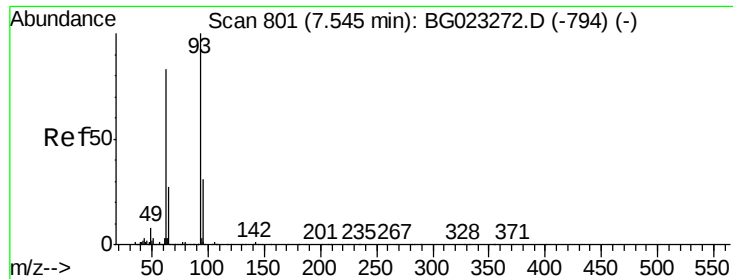


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

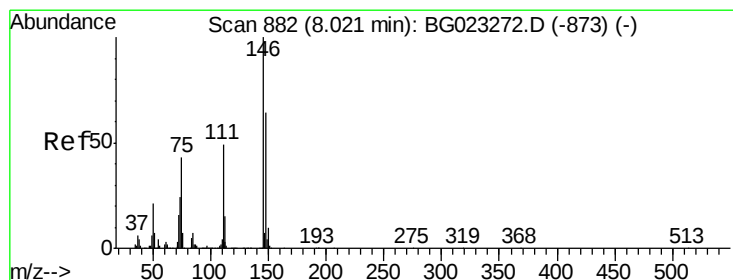
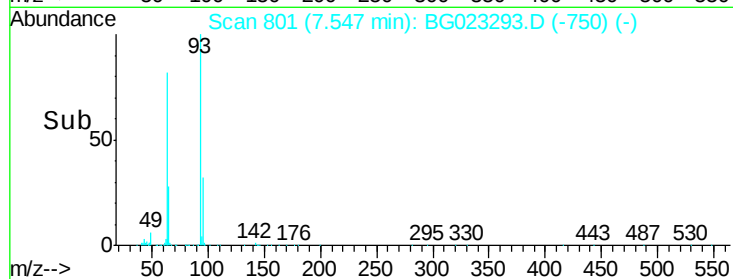
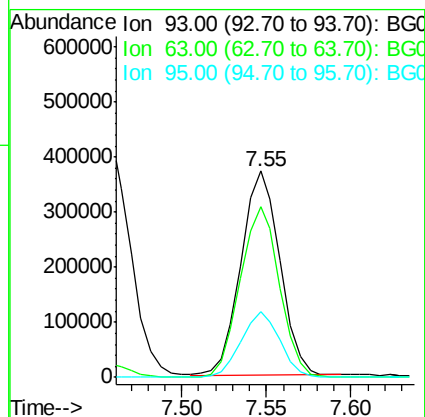
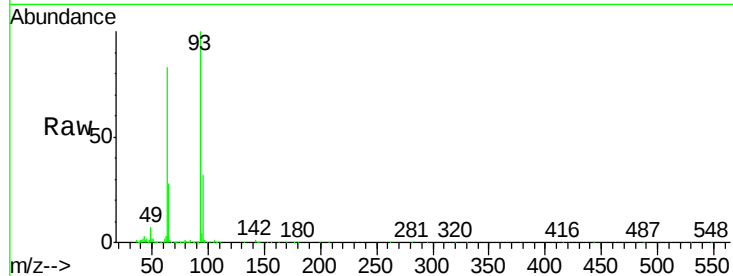




#11
bis(2-Chloroethyl)ether
Concen: 38.93 ng
RT: 7.55 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

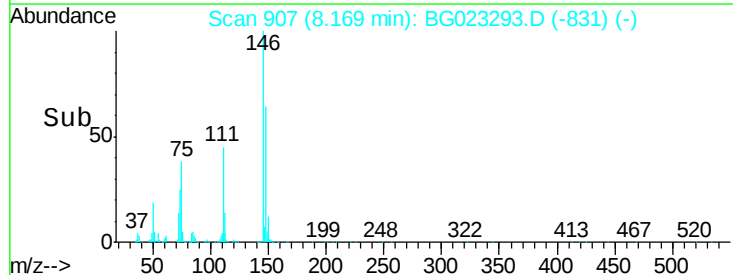
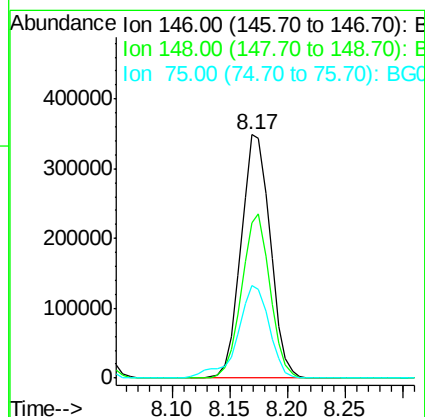
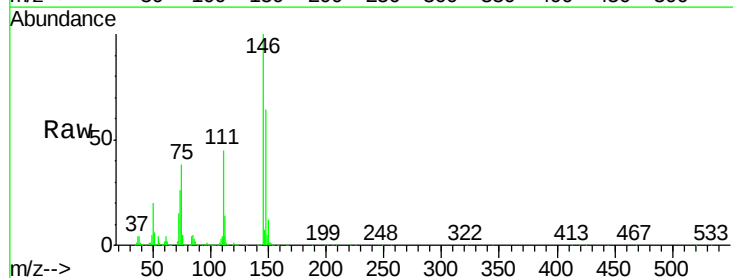
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

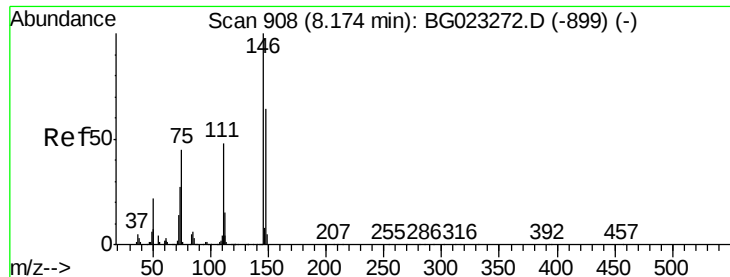
Tgt Ion: 93 Resp: 594444
Ion Ratio Lower Upper
93 100
63 82.6 55.0 95.0
95 32.1 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 43.93 ng
RT: 8.17 min Scan# 907
Delta R.T. 0.15 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Tgt Ion: 146 Resp: 612669
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
75 38.2 37.0 55.6

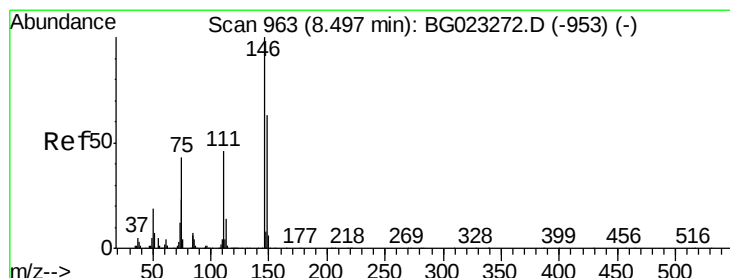
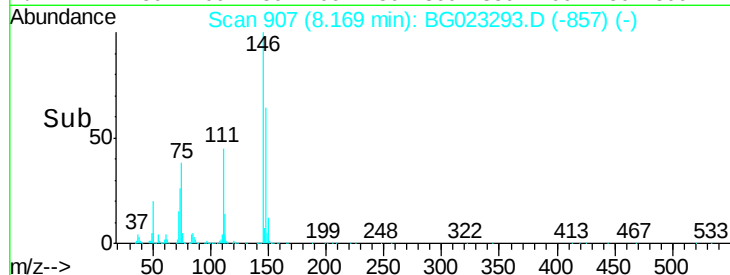
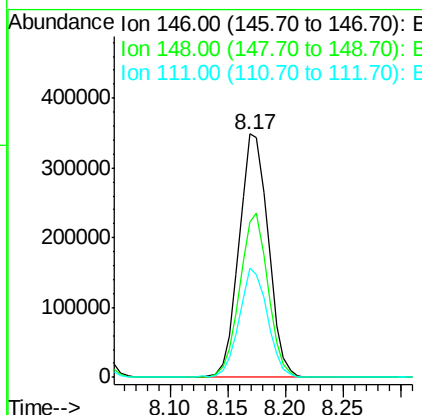
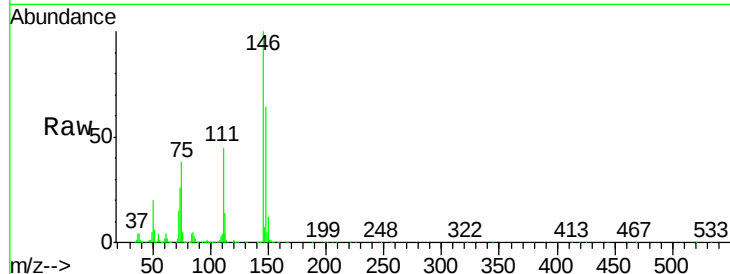




#13
 1,4-Dichlorobenzene
 Concen: 43.06 ng
 RT: 8.17 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

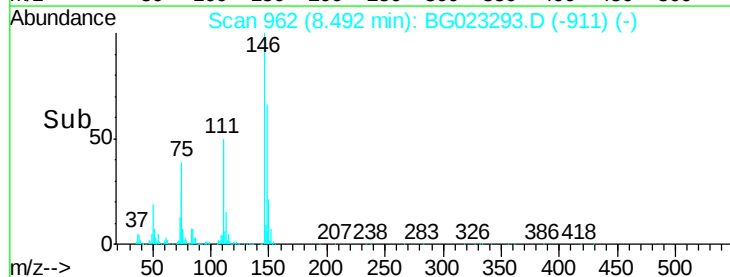
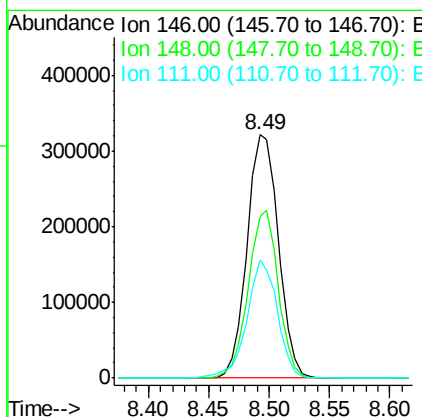
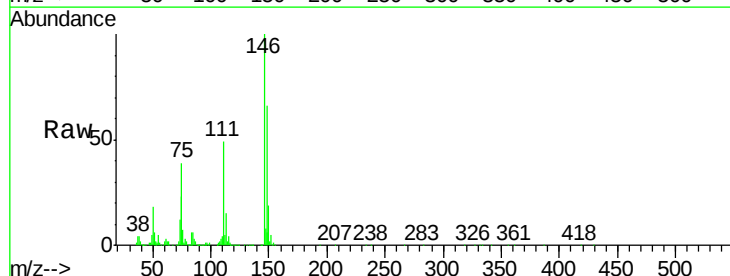
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

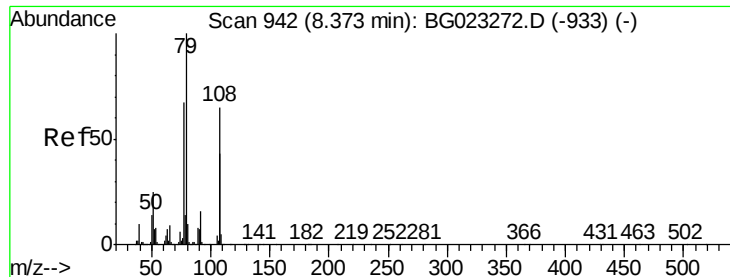
Tgt Ion:146 Resp: 612669
 Ion Ratio Lower Upper
 146 100
 148 64.0 54.5 81.7
 111 44.8 37.8 56.8



#14
 1,2-Dichlorobenzene
 Concen: 42.60 ng
 RT: 8.49 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

Tgt Ion:146 Resp: 584622
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.9 79.3
 111 48.5 43.5 65.3





#15

Benzyl Alcohol

Concen: 33.26 ng

RT: 8.37 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

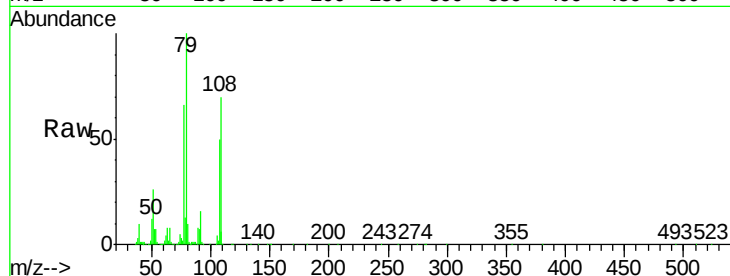
Tgt Ion: 79 Resp: 381119

Ion Ratio Lower Upper

79 100

108 70.5 46.5 69.7#

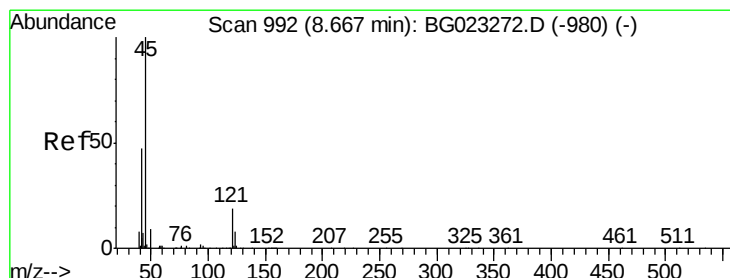
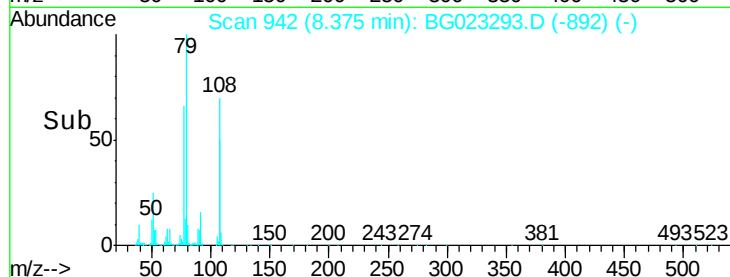
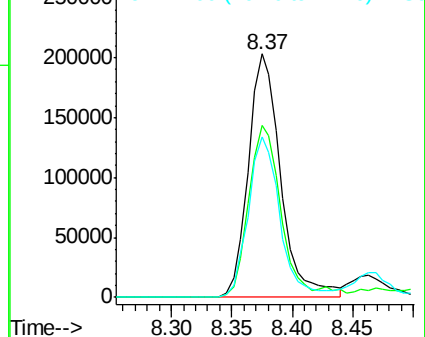
77 66.0 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.27 ng

RT: 8.66 min Scan# 991

Delta R.T. -0.01 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

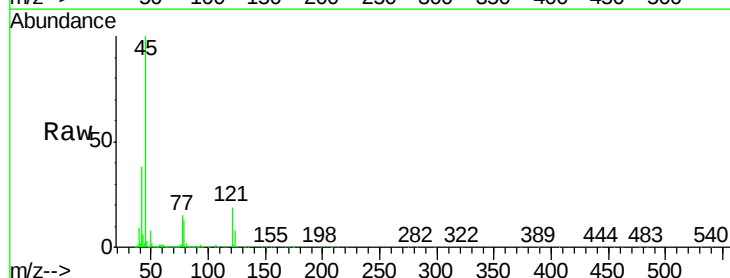
Tgt Ion: 45 Resp: 905649

Ion Ratio Lower Upper

45 100

77 15.2 0.6 40.6

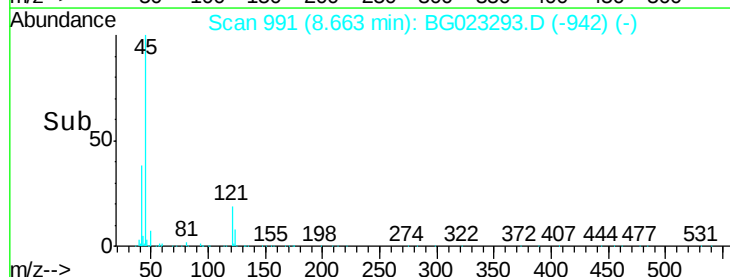
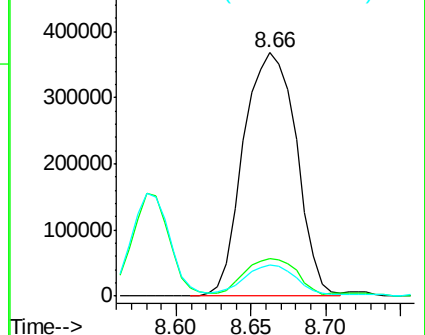
79 12.9 0.0 36.2

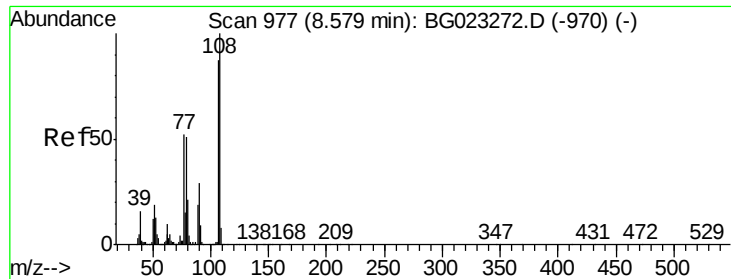


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

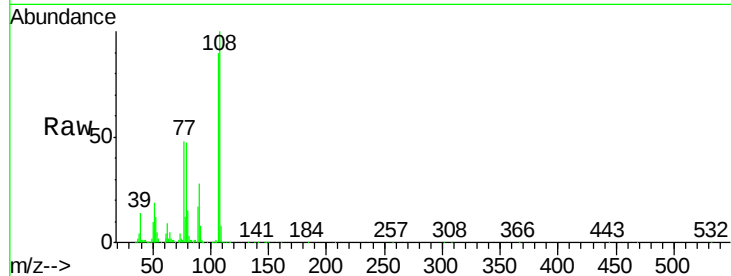




#17
2-Methylphenol
Concen: 40.85 ng
RT: 8.59 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.3	92.0	138.0
77	53.4	55.8	83.6#
79	52.7	55.0	82.6#



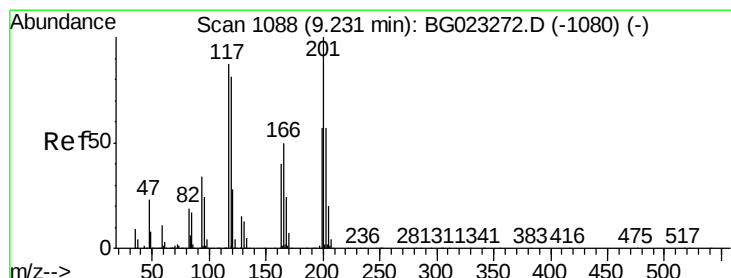
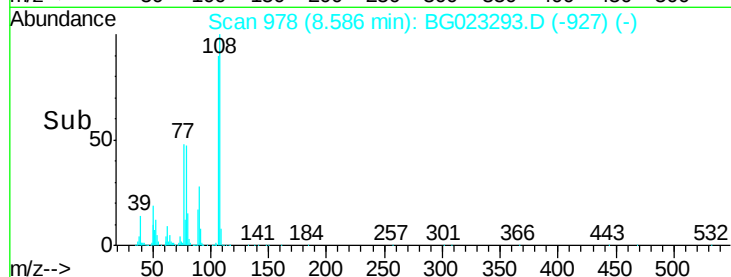
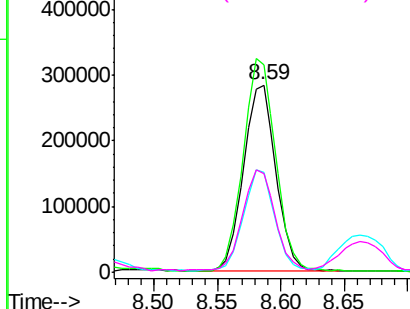
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

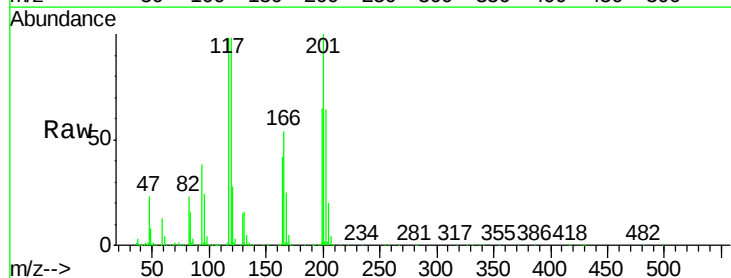
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.81 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	73.7	110.5
201	102.2	88.7	133.1

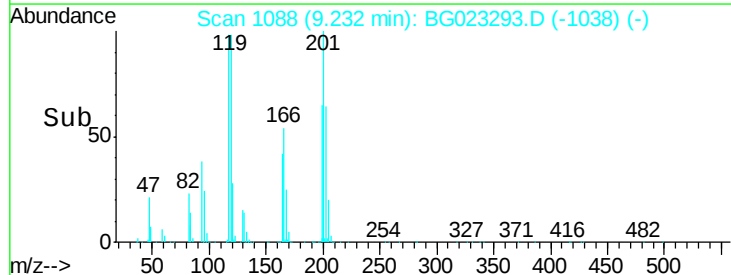
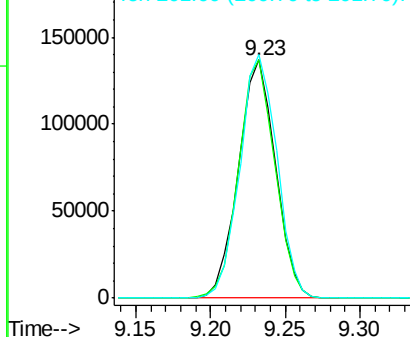


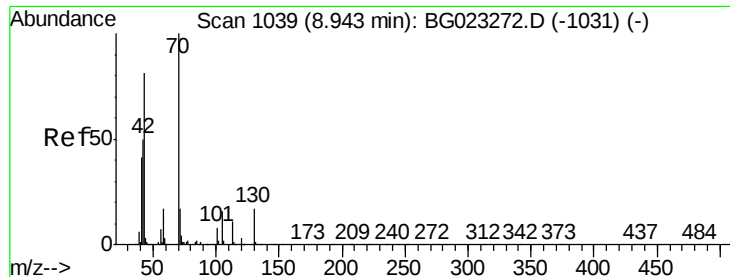
Abundance

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

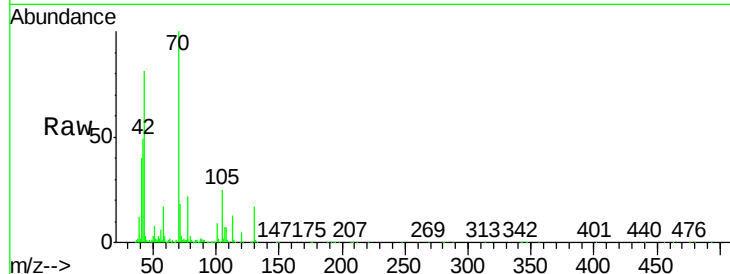




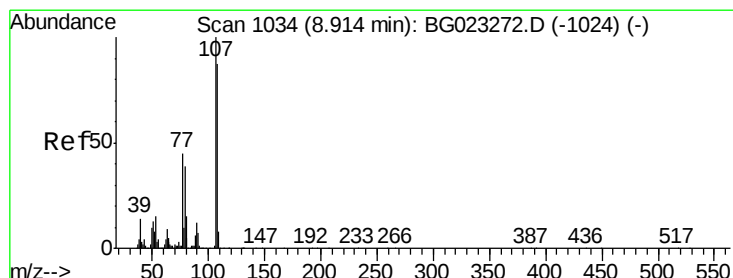
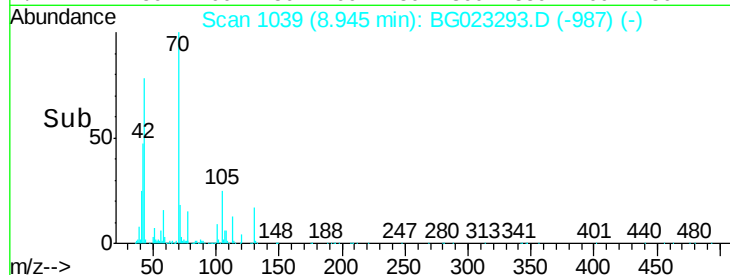
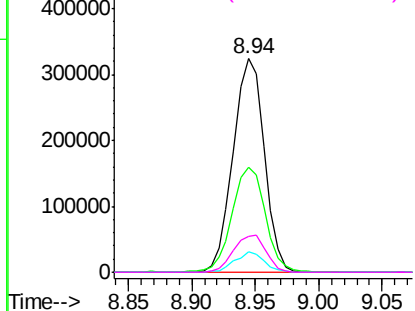
#19
n-Nitroso-di-n-propylamine
Concen: 36.04 ng
RT: 8.94 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	70	Resp:	552040
Ion	Ratio	Lower	Upper
70	100		
42	49.4	42.1	63.1
101	9.4	7.2	10.8
130	17.0	14.2	21.2

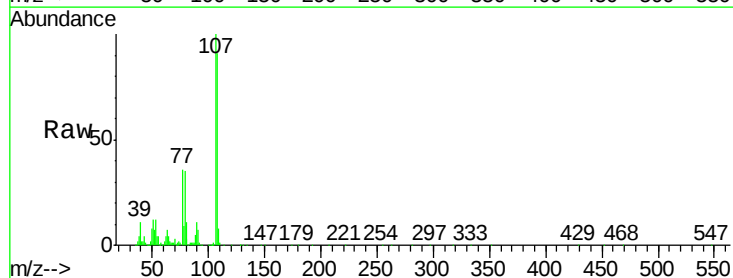


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

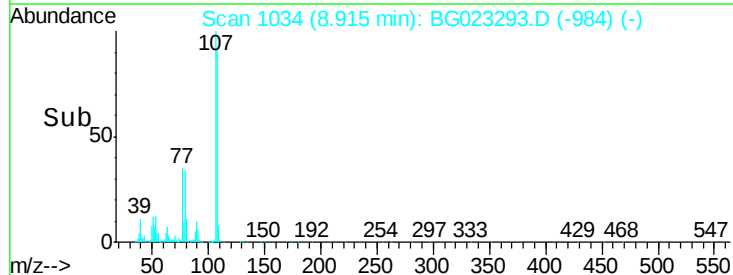
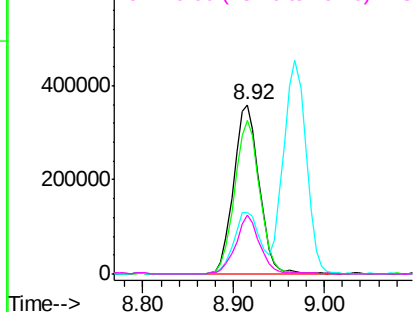


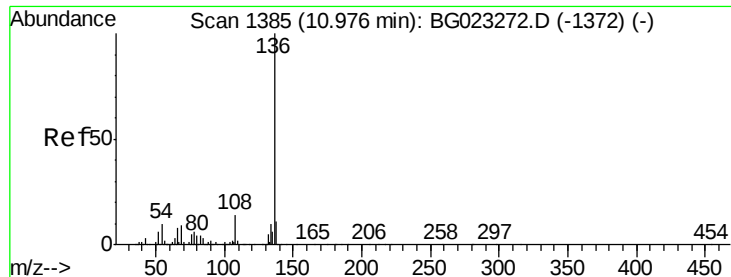
#20
3+4-Methylphenols
Concen: 42.09 ng
RT: 8.92 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Tgt Ion:	107	Resp:	702812
Ion	Ratio	Lower	Upper
107	100		
108	91.1	72.5	112.5
77	36.1	30.1	70.1
79	34.7	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

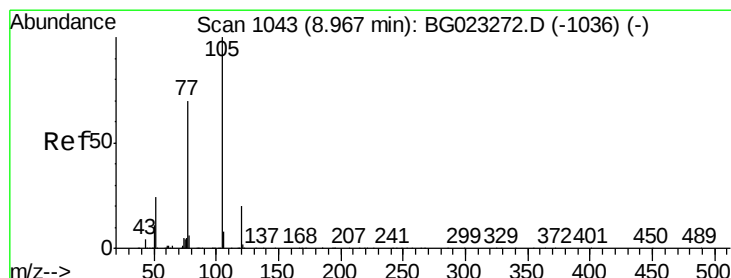
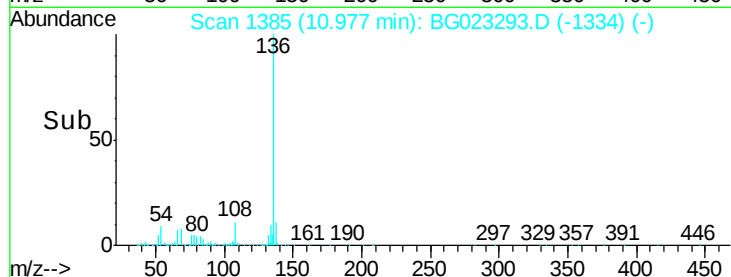
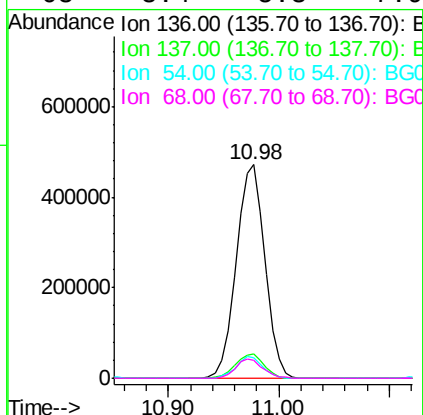
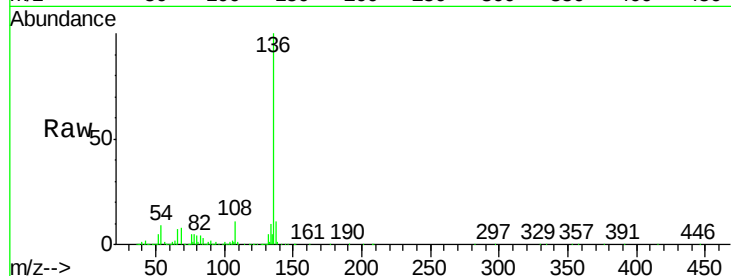




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

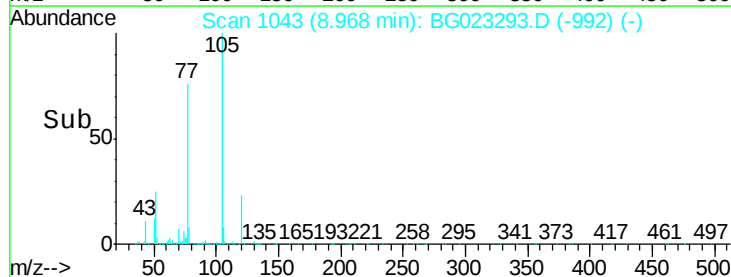
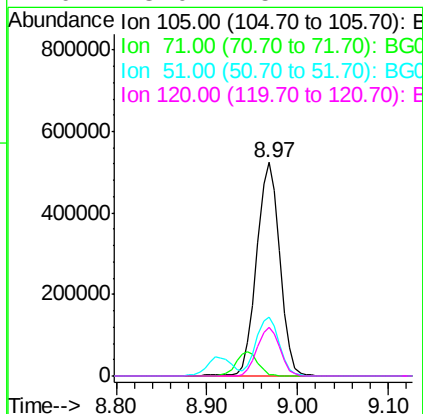
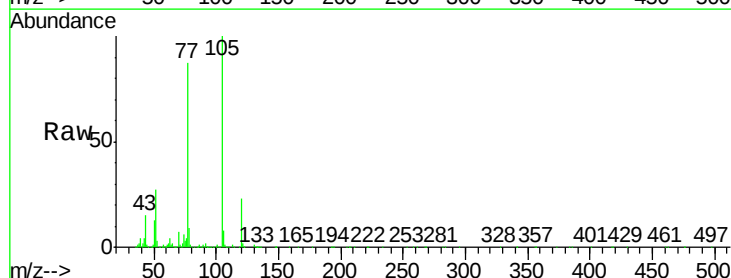
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

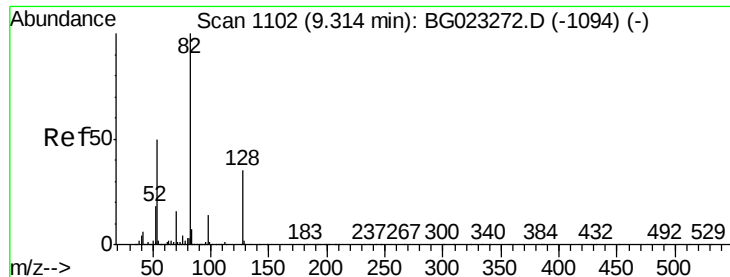
Tgt Ion:	136	Resp:	857410
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.4	7.3	10.9
68	8.4	5.3	7.9#



#22
Acetophenone
Concen: 41.62 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Tgt Ion:	105	Resp:	931695
Ion	Ratio	Lower	Upper
105	100		
71	0.9	2.6	3.8#
51	27.4	27.1	40.7
120	23.0	15.1	22.7#

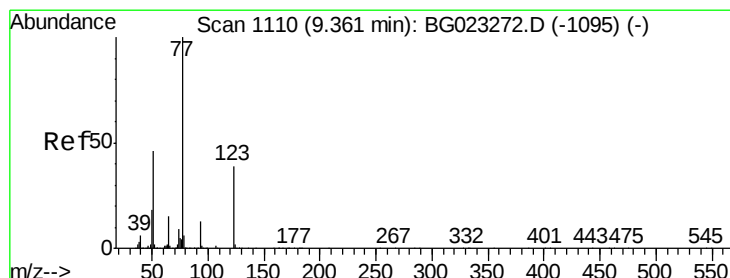
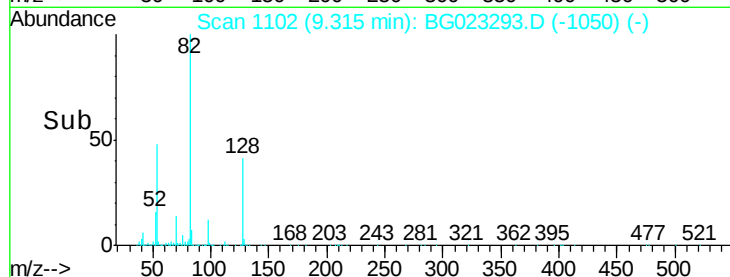
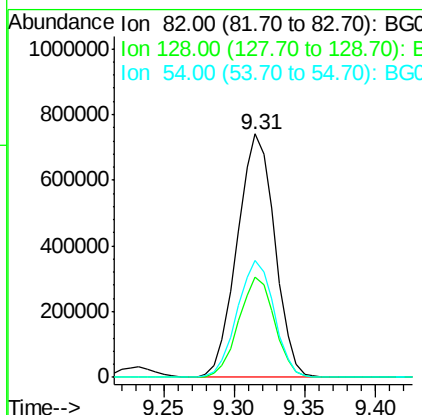
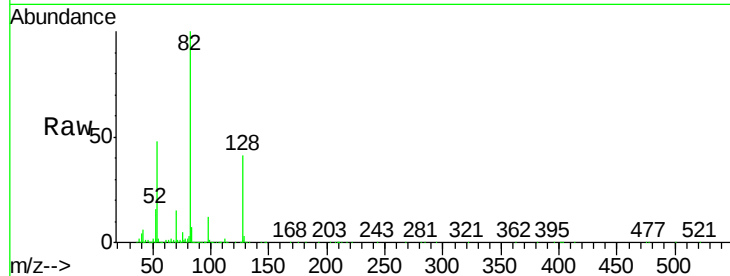




#23
 Nitrobenzene-d5
 Concen: 78.51 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

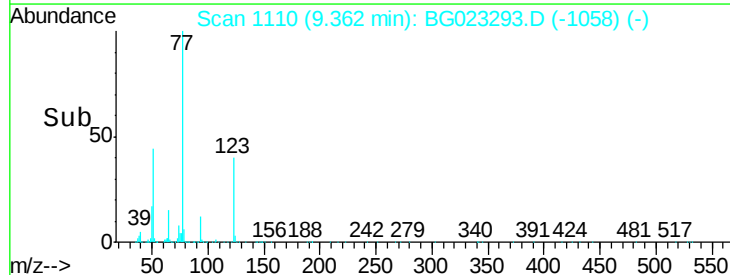
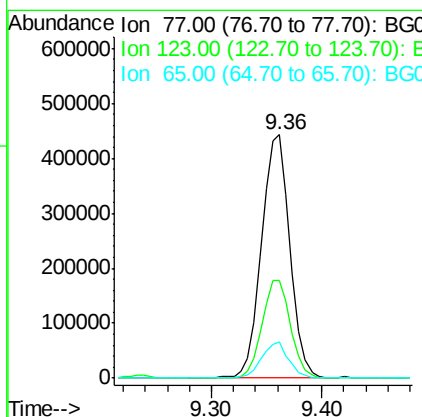
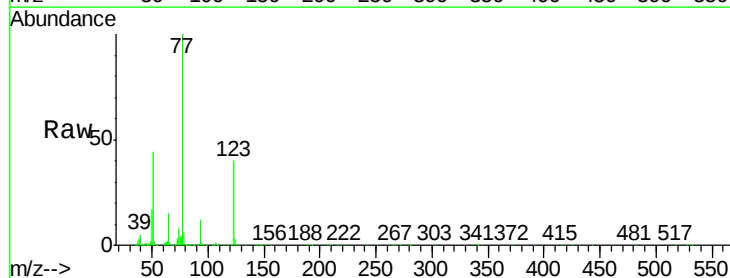
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

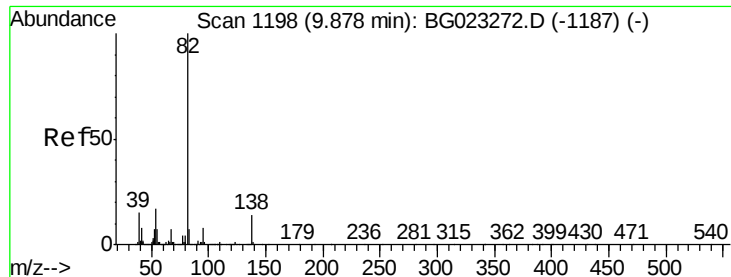
Tgt Ion: 82 Resp: 1376599
 Ion Ratio Lower Upper
 82 100
 128 40.9 24.4 36.6#
 54 47.9 41.4 62.0



#24
 Nitrobenzene
 Concen: 39.10 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

Tgt Ion: 77 Resp: 796130
 Ion Ratio Lower Upper
 77 100
 123 40.3 25.0 37.6#
 65 14.8 13.4 20.0





#25

Isophorone

Concen: 39.72 ng

RT: 9.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

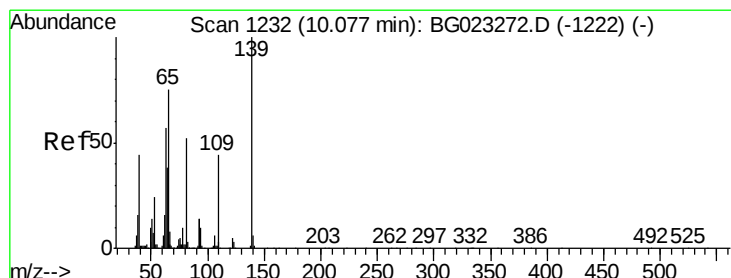
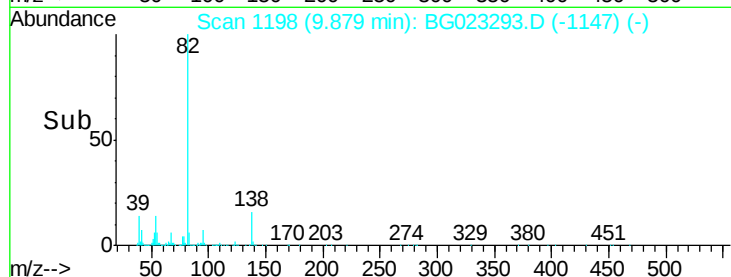
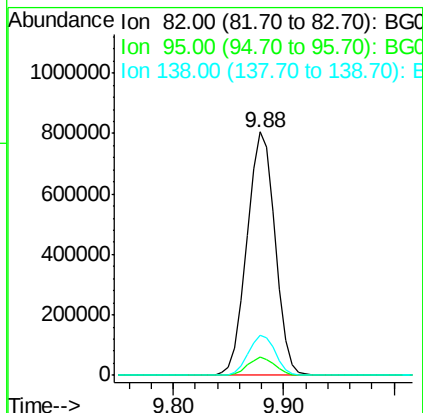
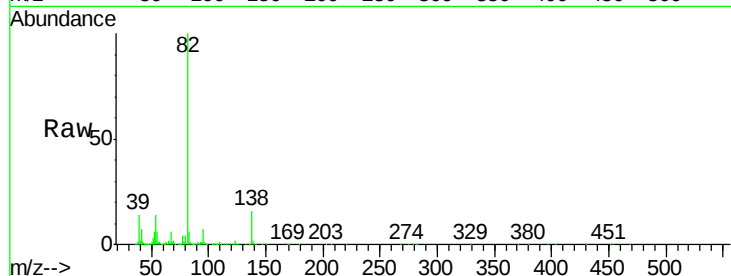
Tgt Ion: 82 Resp: 1438365

Ion Ratio Lower Upper

82 100

95 7.5 8.2 12.2#

138 16.4 10.7 16.1#



#26

2-Nitrophenol

Concen: 45.11 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

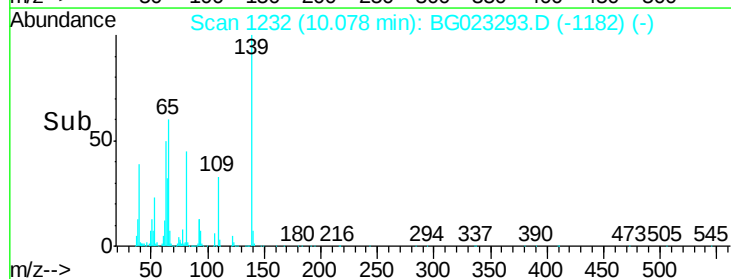
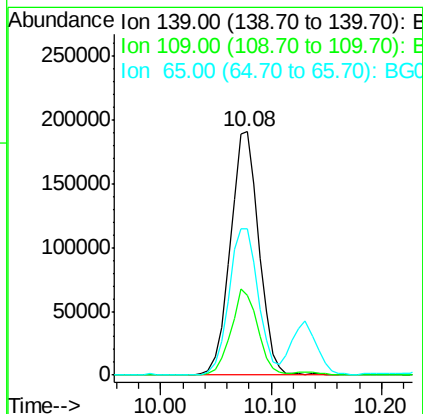
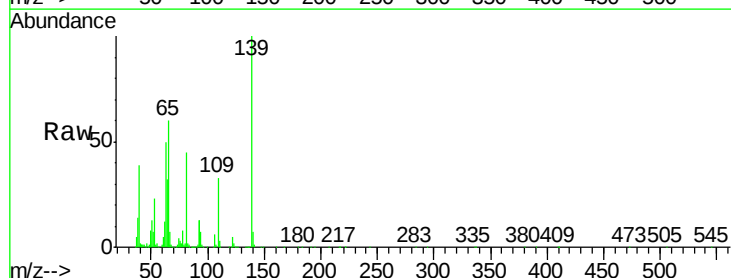
Tgt Ion: 139 Resp: 346870

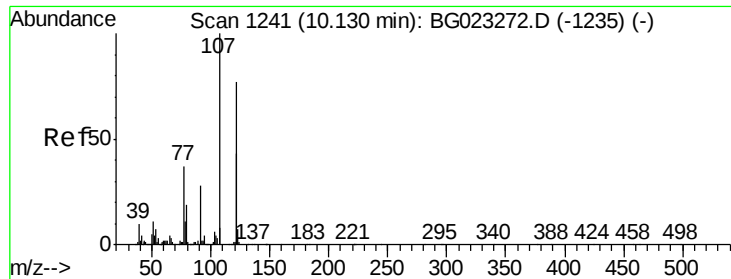
Ion Ratio Lower Upper

139 100

109 33.0 43.5 65.3#

65 60.2 64.3 96.5#

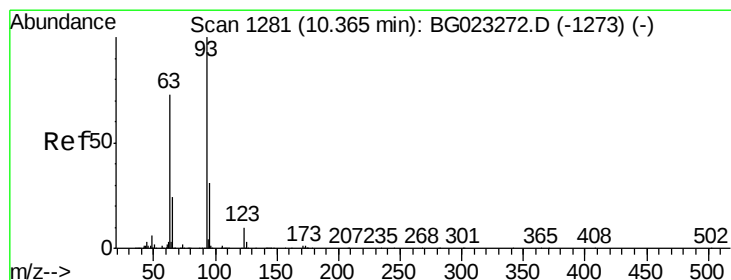
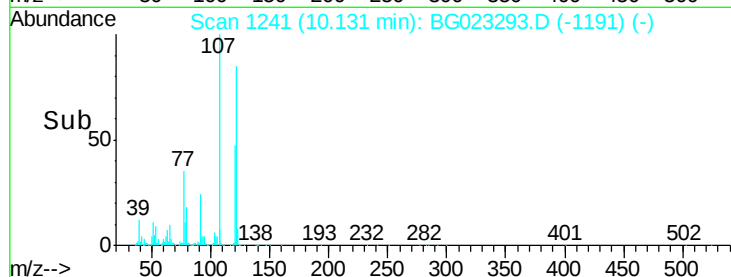
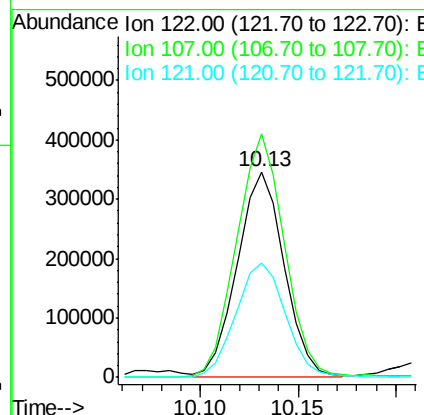
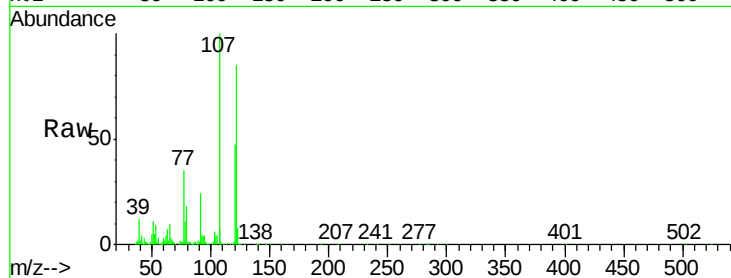




#27
2,4-Dimethylphenol
Concen: 44.23 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

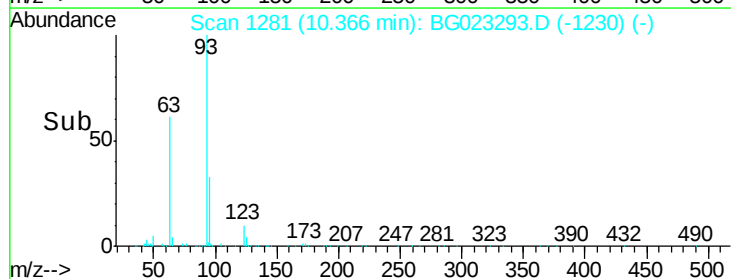
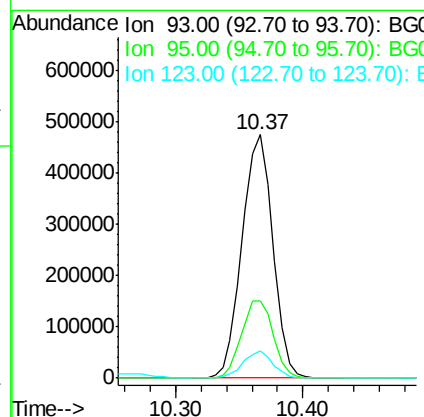
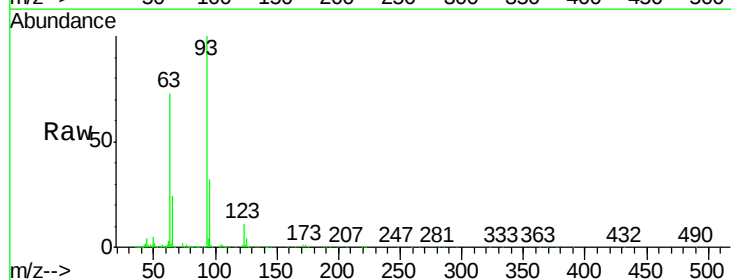
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

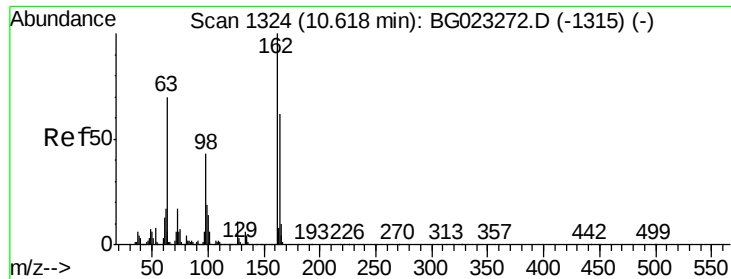
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.3	117.0	175.4
121	55.8	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.36 ng
RT: 10.37 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.4	38.2
123	11.0	8.2	12.2

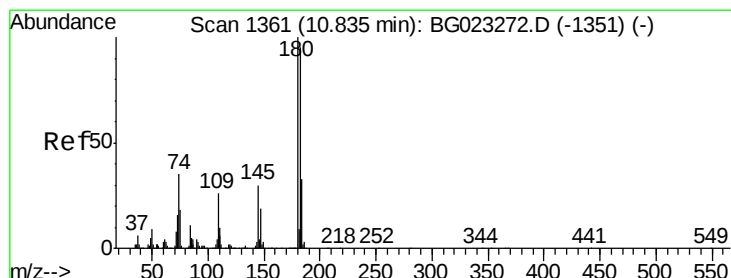
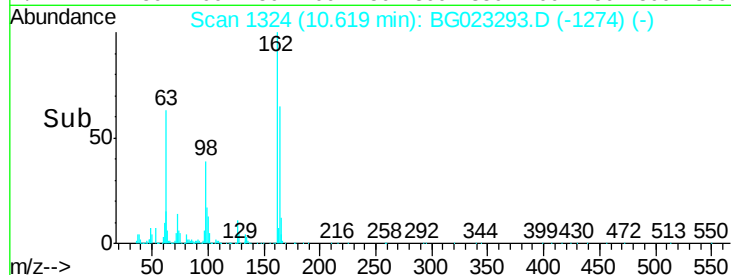
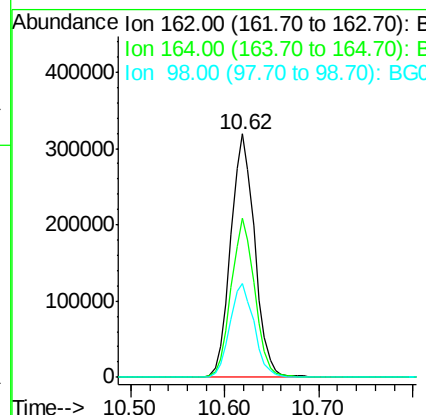
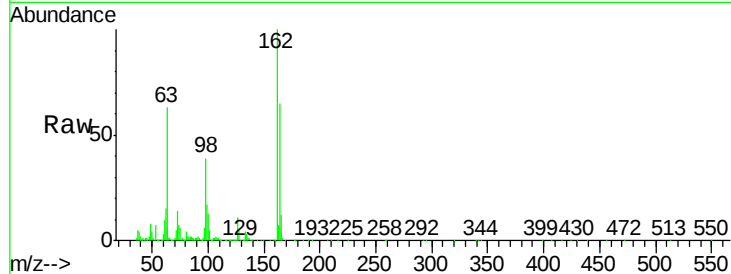




#29
2,4-Dichlorophenol
Concen: 45.25 ng
RT: 10.62 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

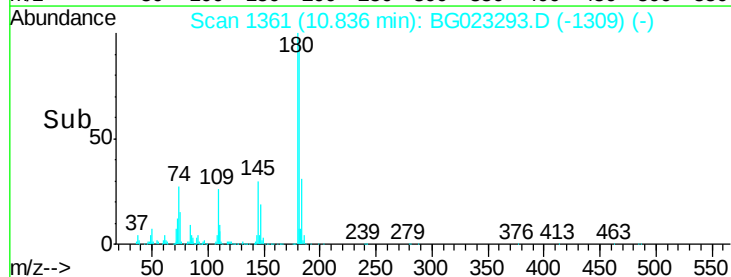
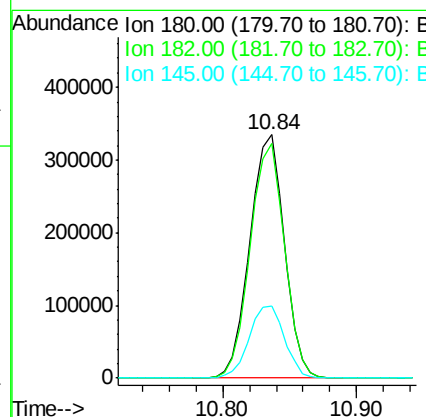
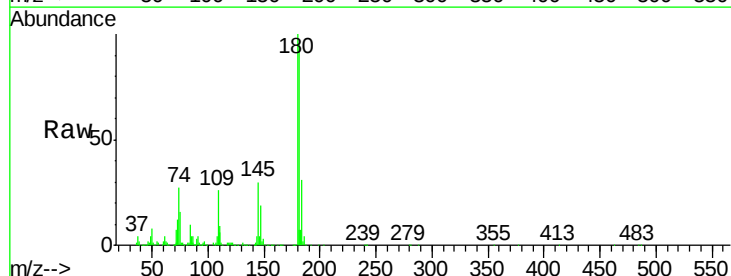
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

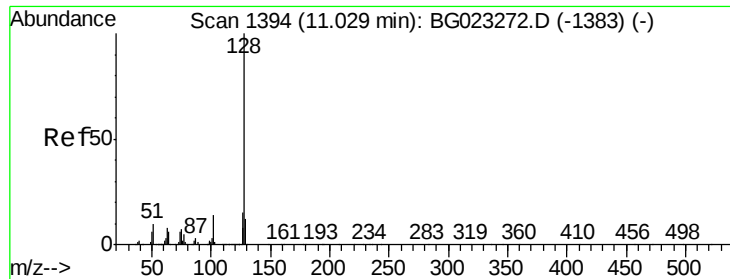
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.3	84.3
98	38.7	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 43.05 ng
RT: 10.84 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	73.8	110.8
145	29.8	24.4	36.6

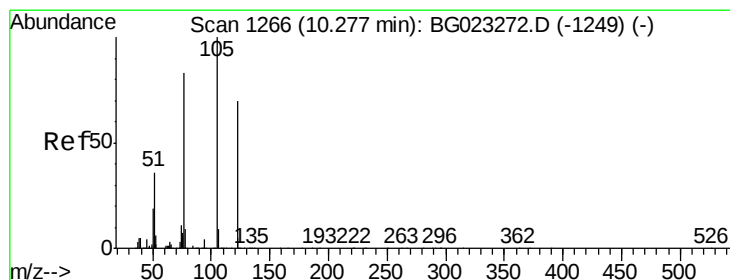
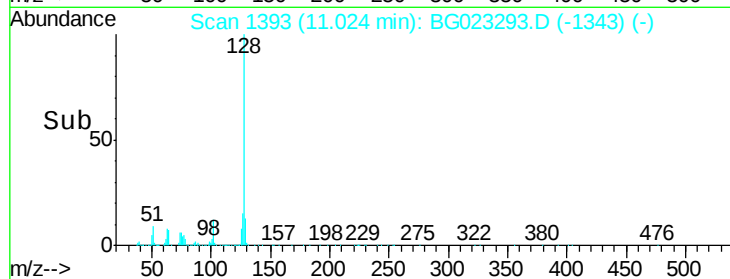
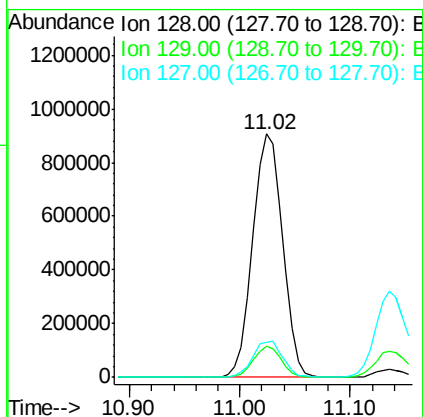
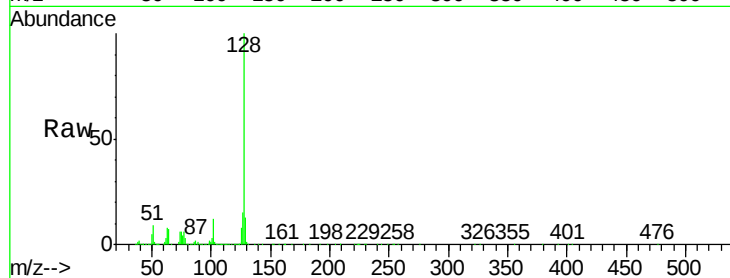




#31
Naphthalene
Concen: 43.35 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

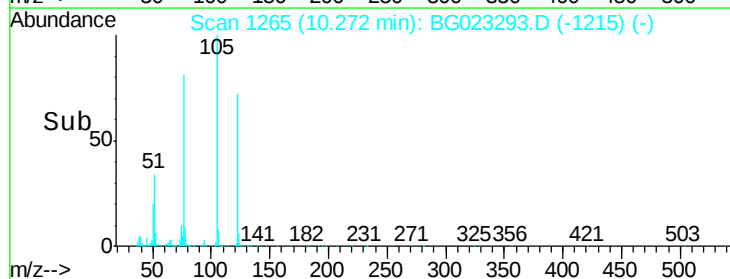
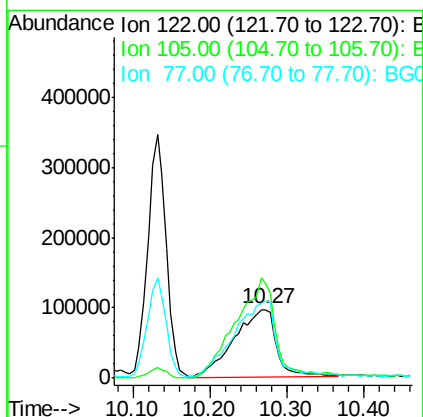
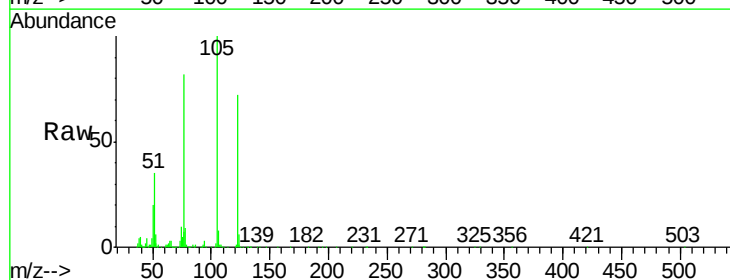
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

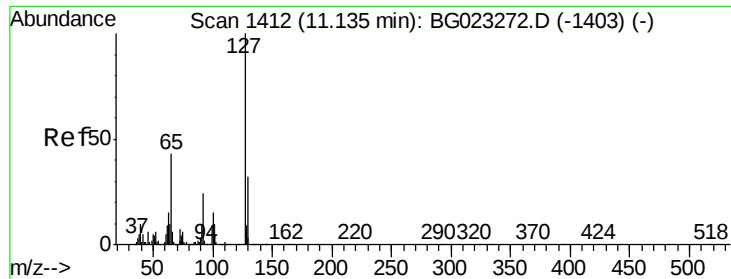
Tgt Ion:128 Resp: 1726953
Ion Ratio Lower Upper
128 100
129 12.6 9.4 14.0
127 14.6 11.3 16.9



#32
Benzoic acid
Concen: 36.84 ng
RT: 10.27 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Tgt Ion:122 Resp: 364861
Ion Ratio Lower Upper
122 100
105 139.6 117.2 157.2
77 113.8 109.2 149.2

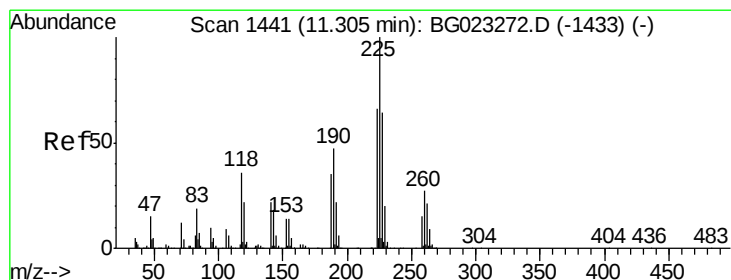
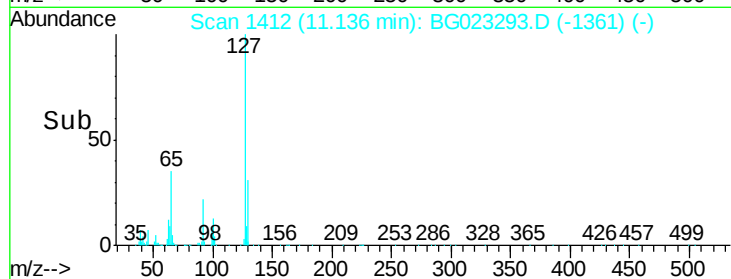
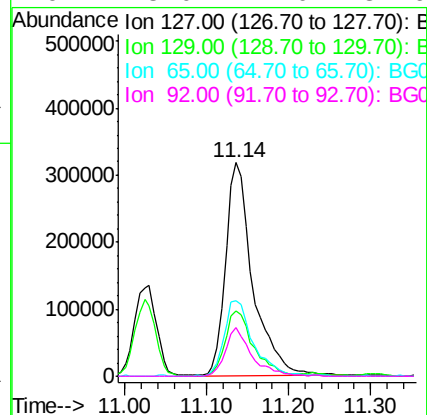
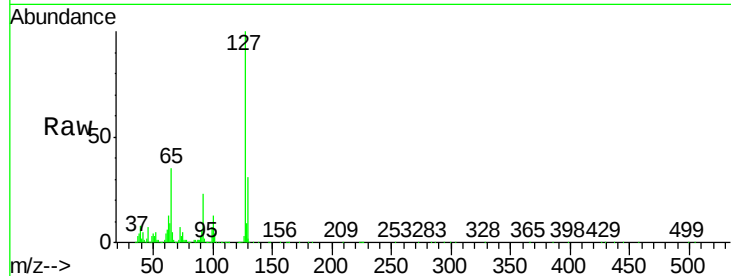




#33
 4-Chloroaniline
 Concen: 40.17 ng
 RT: 11.14 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

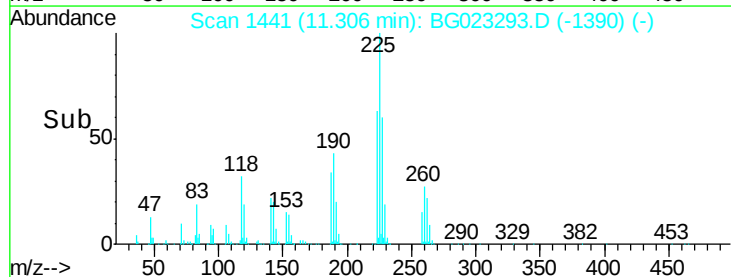
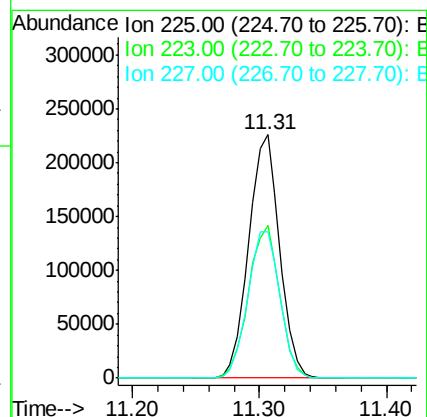
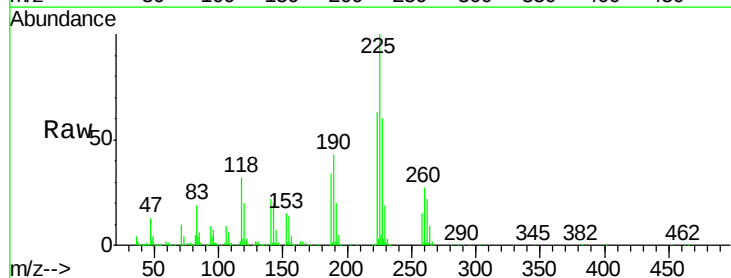
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

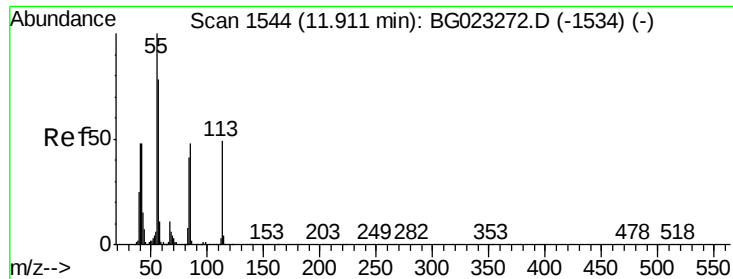
Tgt Ion:	127	Resp:	739283
Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.9	41.9
65	35.5	36.8	55.2#
92	23.0	21.0	31.6



#34
 Hexachlorobutadiene
 Concen: 42.12 ng
 RT: 11.31 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

Tgt Ion:	225	Resp:	382883
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.6	74.4
227	59.9	54.5	81.7





#35

Caprolactam

Concen: 40.75 ng

RT: 11.92 min Scan# 1545

Delta R.T. 0.03 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

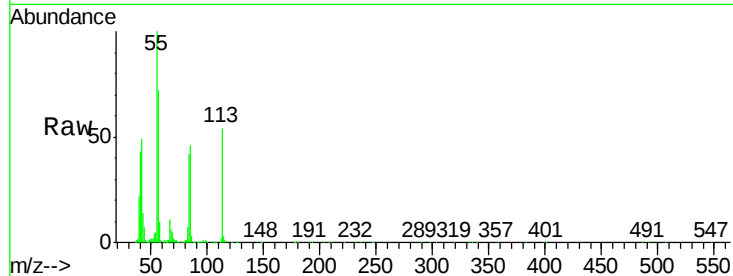
Tgt Ion:113 Resp: 217435

Ion Ratio Lower Upper

113 100

55 185.2 154.5 194.5

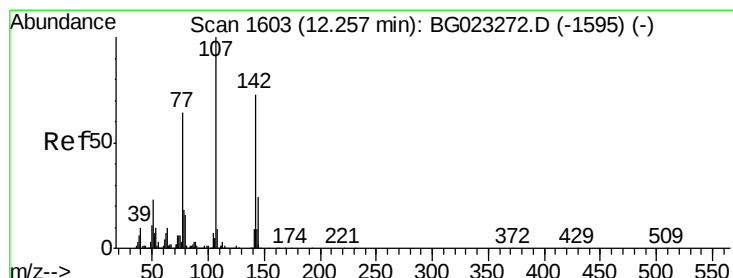
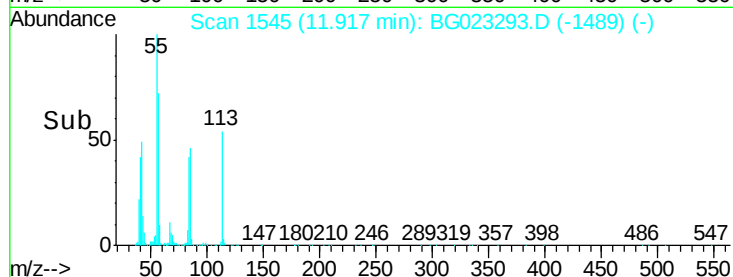
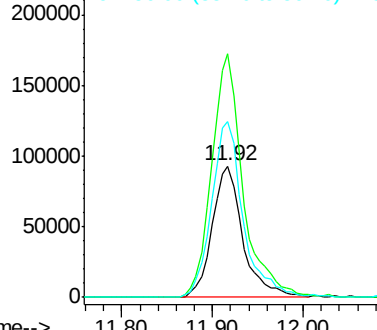
56 133.5 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.47 ng

RT: 12.26 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

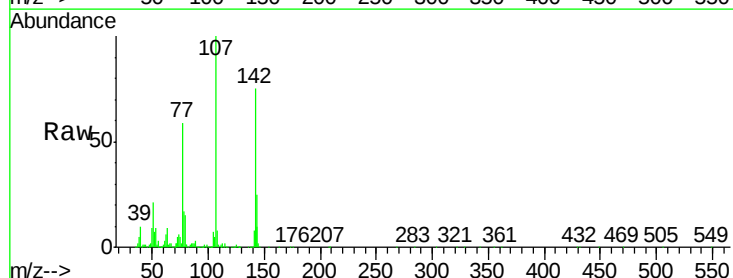
Tgt Ion:107 Resp: 683684

Ion Ratio Lower Upper

107 100

144 24.9 17.0 25.6

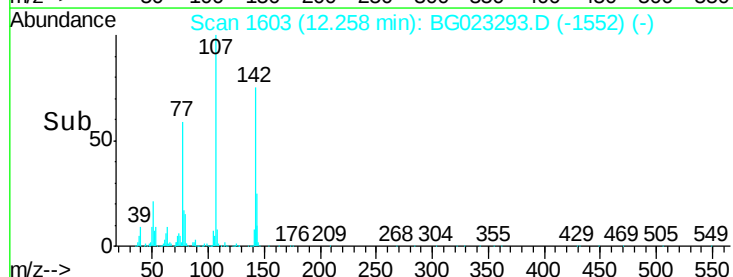
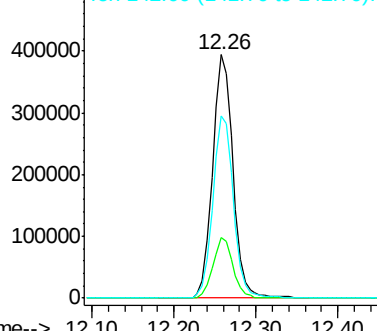
142 74.9 53.0 79.6

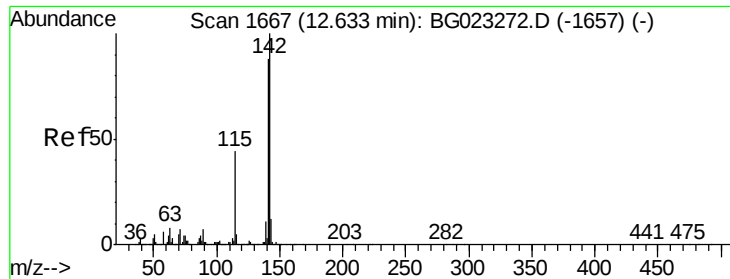


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.71 ng

RT: 12.85 min Scan# 1704

Delta R.T. 0.22 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

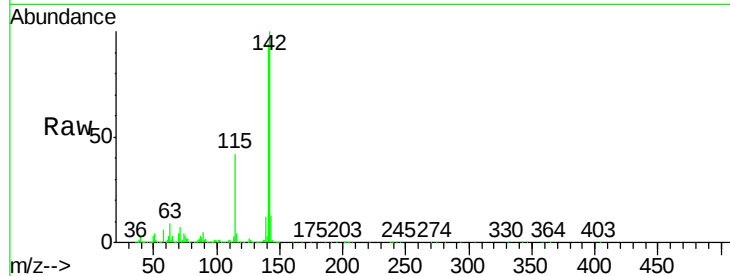
Tgt Ion:142 Resp: 1232091

Ion Ratio Lower Upper

142 100

141 93.7 70.2 105.2

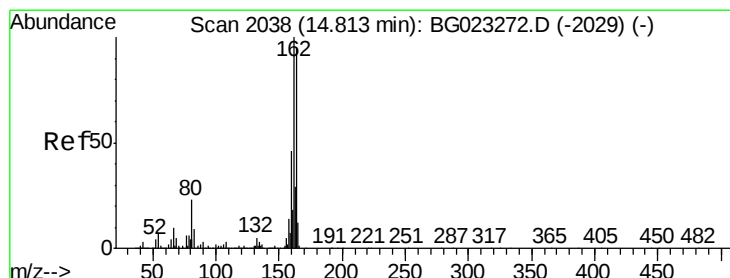
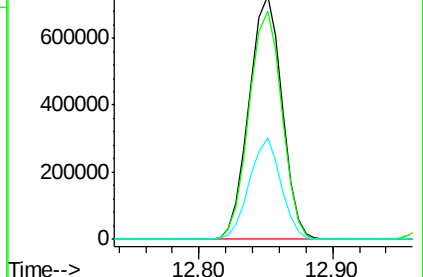
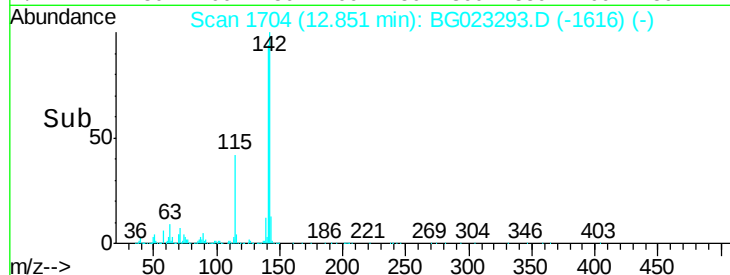
115 41.9 41.7 62.5



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: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

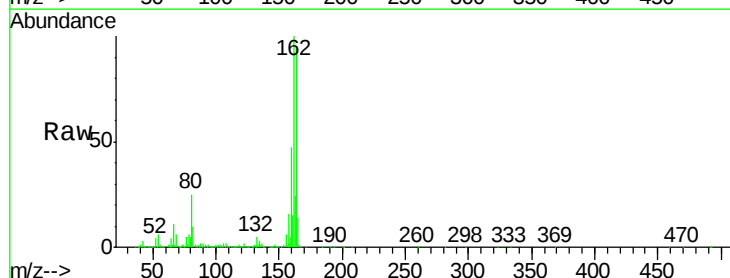
Tgt Ion:164 Resp: 552679

Ion Ratio Lower Upper

164 100

162 105.5 87.7 131.5

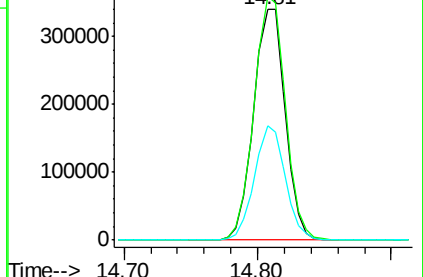
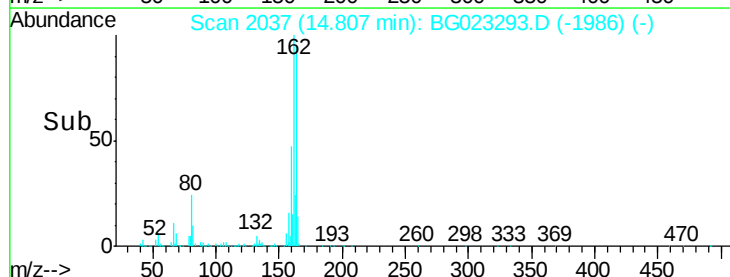
160 49.7 37.2 55.8

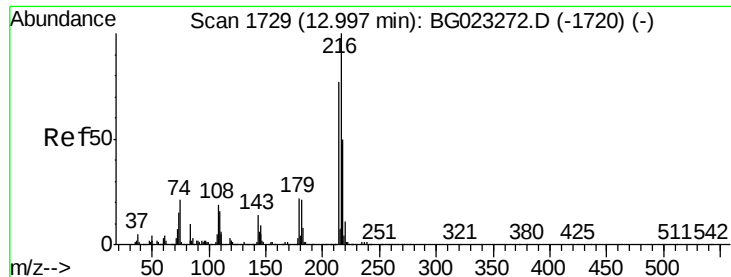


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.10 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 806990

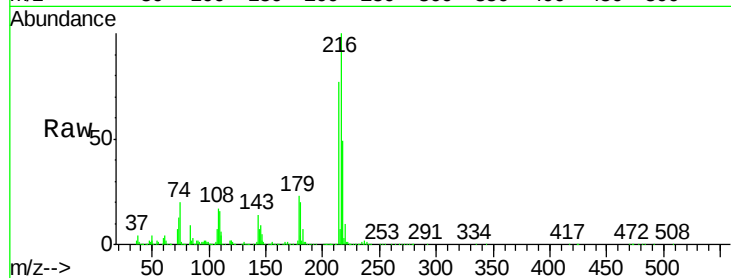
Ion Ratio Lower Upper

216 100

214 79.0 62.9 94.3

179 22.5 17.2 25.8

108 19.6 16.3 24.5

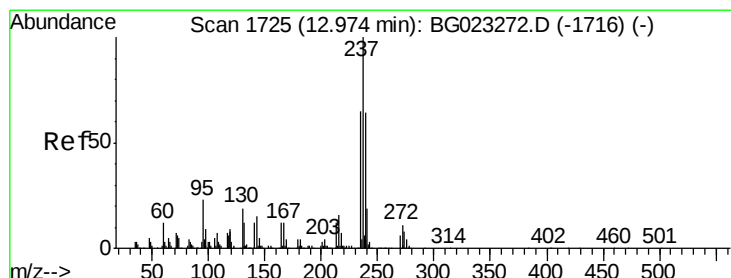
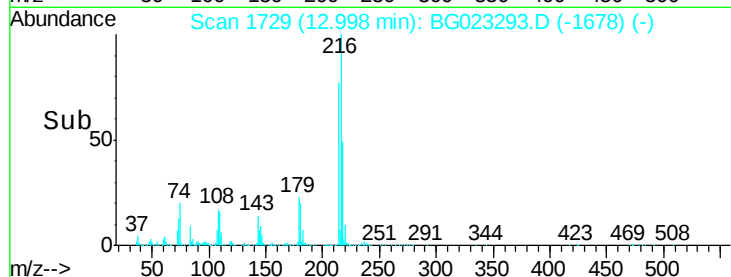
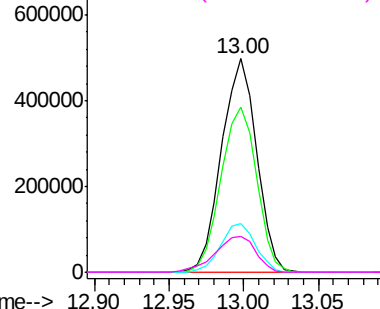


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.92 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

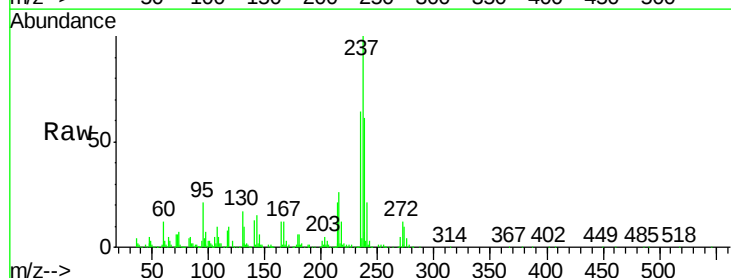
Tgt Ion:237 Resp: 389344

Ion Ratio Lower Upper

237 100

235 63.8 43.1 83.1

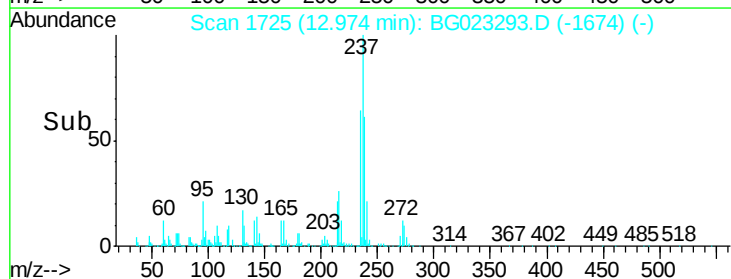
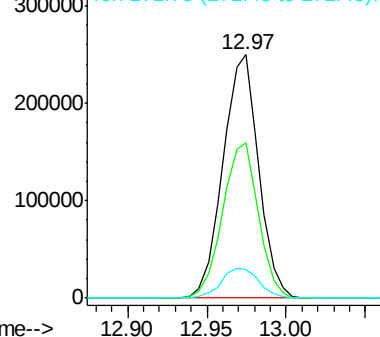
272 12.0 0.0 30.9

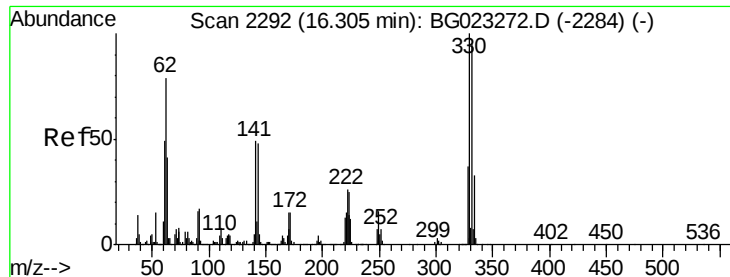


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

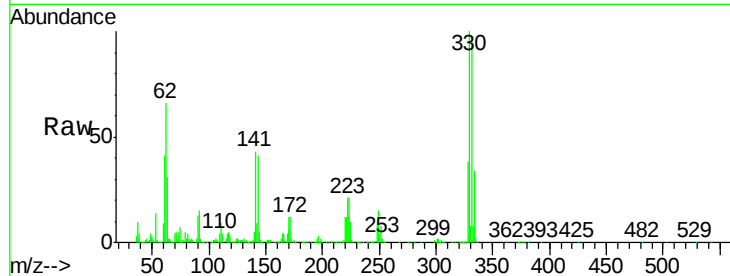




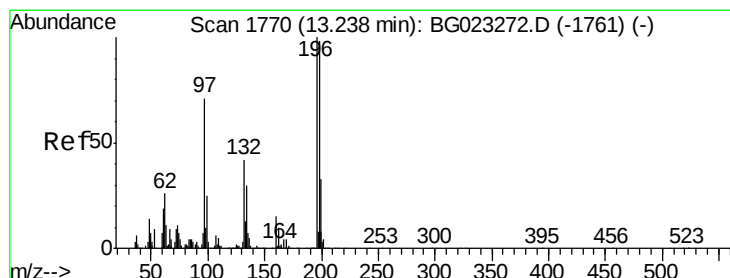
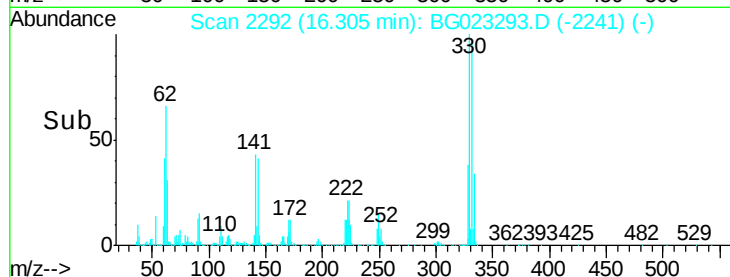
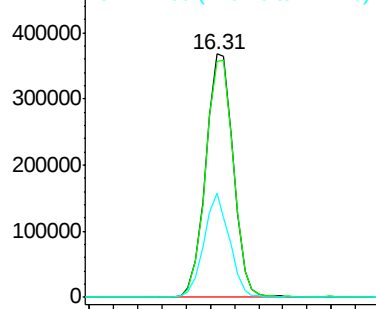
#41
 2,4,6-Tribromophenol
 Concen: 102.38 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 585668
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.4 116.2
 141 39.6 31.7 47.5

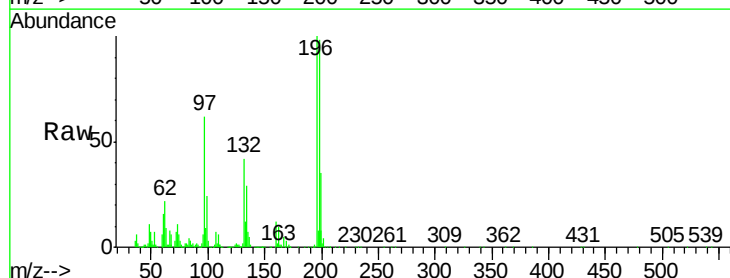


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

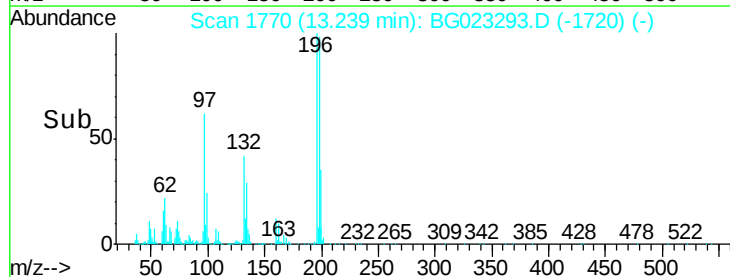
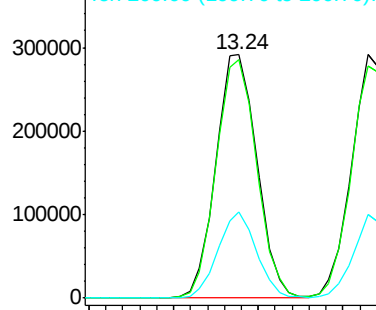


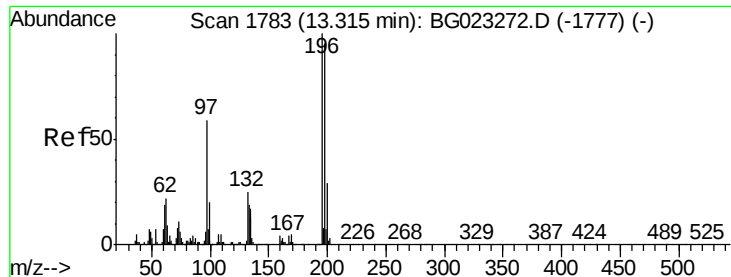
#42
 2,4,6-Trichlorophenol
 Concen: 46.85 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

Tgt Ion:196 Resp: 492359
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.2 117.2
 200 35.4 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

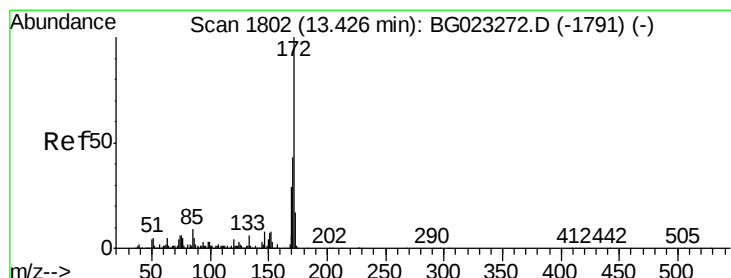
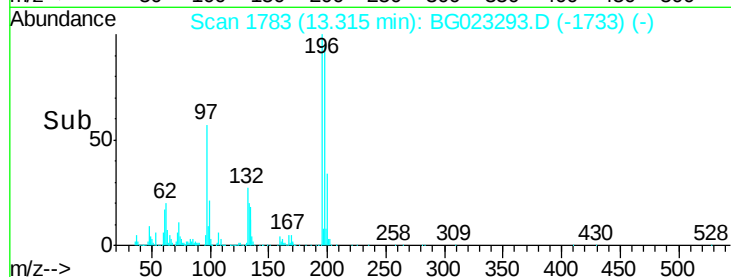
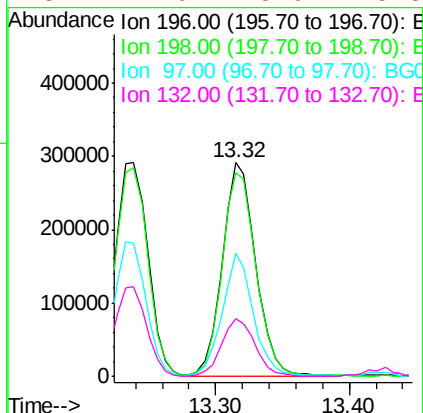
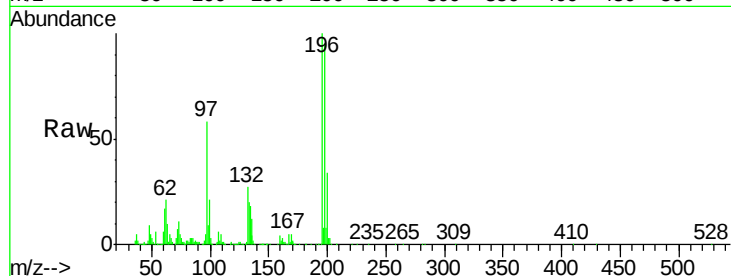




#43
 2,4,5-Trichlorophenol
 Concen: 45.51 ng
 RT: 13.32 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

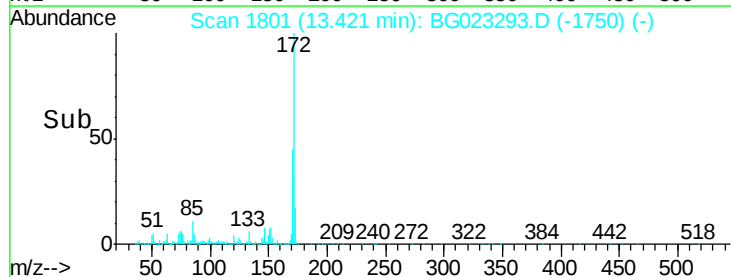
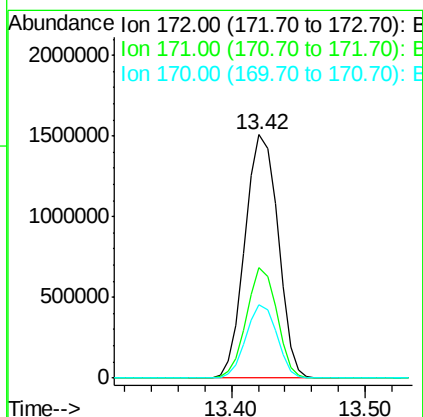
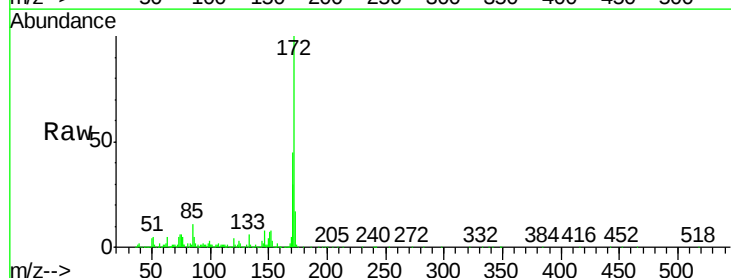
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

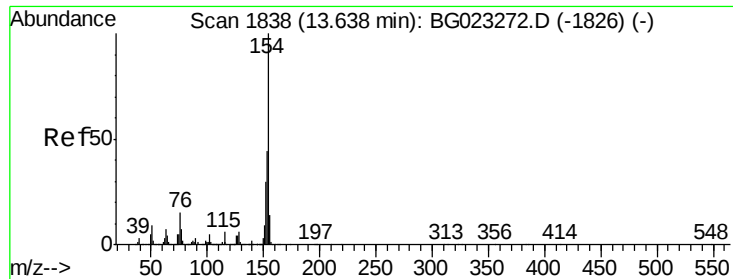
Tgt Ion:196 Resp: 507373
 Ion Ratio Lower Upper
 196 100
 198 95.4 85.7 128.5
 97 57.6 45.5 68.3
 132 27.0 18.9 28.3



#44
 2-Fluorobiphenyl
 Concen: 87.34 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

Tgt Ion:172 Resp: 2579113
 Ion Ratio Lower Upper
 172 100
 171 45.1 31.6 47.4
 170 30.2 21.3 31.9

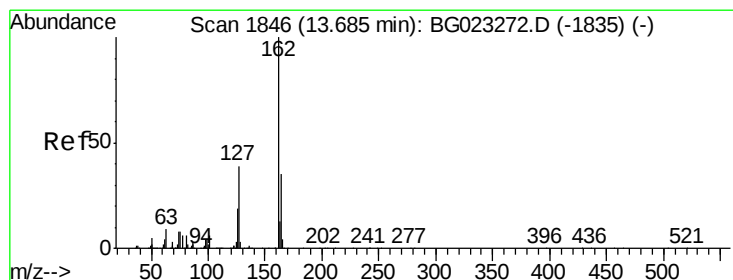
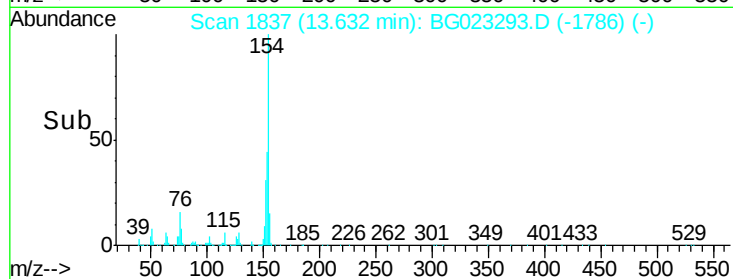
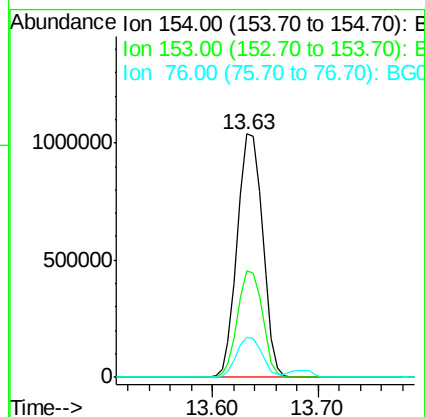
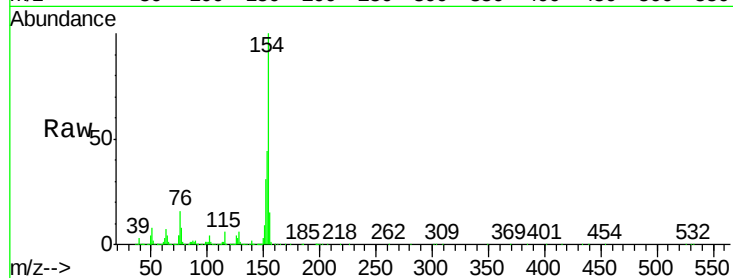




#45
 1,1'-Biphenyl
 Concen: 44.83 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

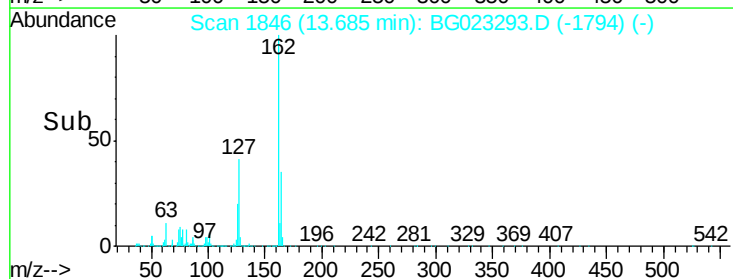
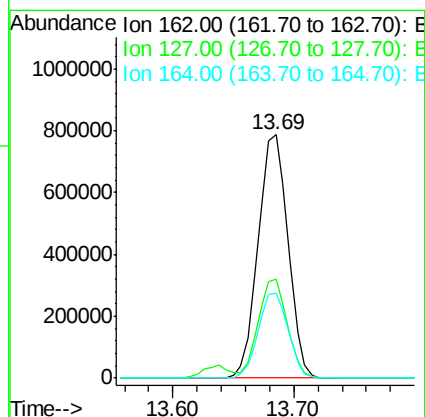
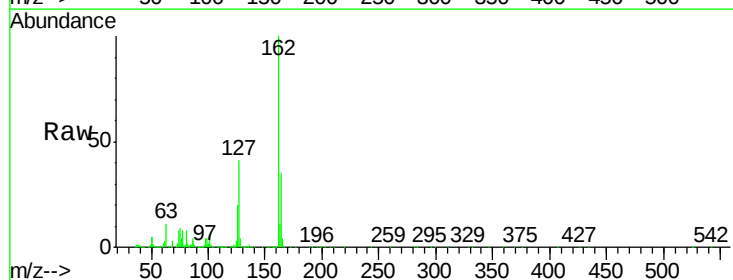
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

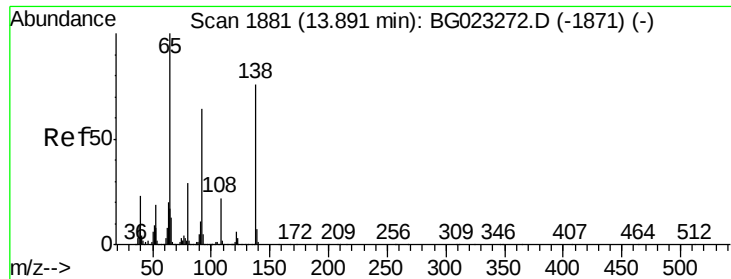
Tgt Ion:154 Resp: 1728106
 Ion Ratio Lower Upper
 154 100
 153 44.0 20.2 60.2
 76 16.2 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 43.82 ng
 RT: 13.69 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG023293.D
 Acq: 27 Jul 2016 21:41

Tgt Ion:162 Resp: 1353366
 Ion Ratio Lower Upper
 162 100
 127 40.9 32.4 48.6
 164 34.7 25.2 37.8

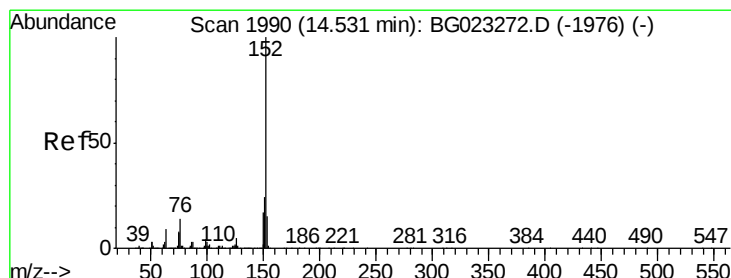
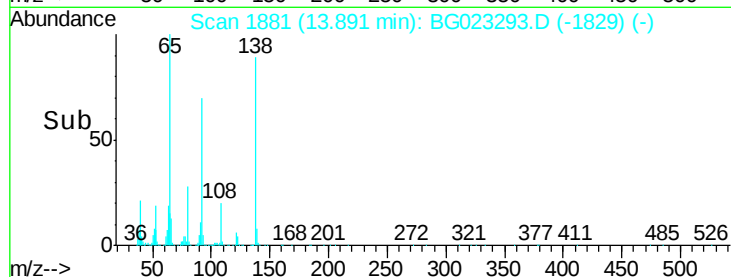
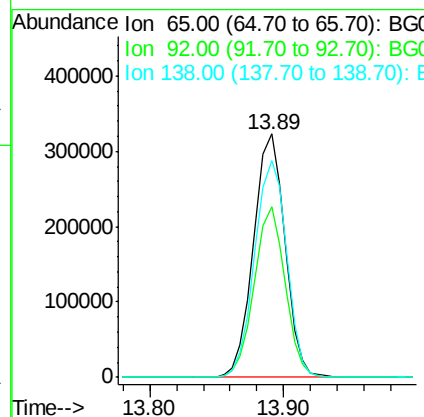
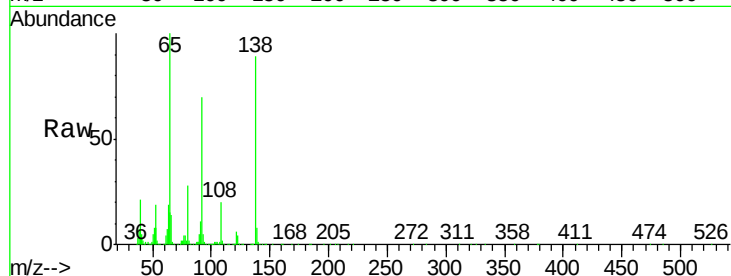




#47
2-Nitroaniline
Concen: 40.11 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

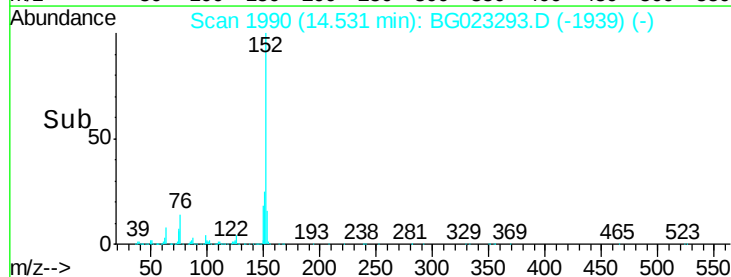
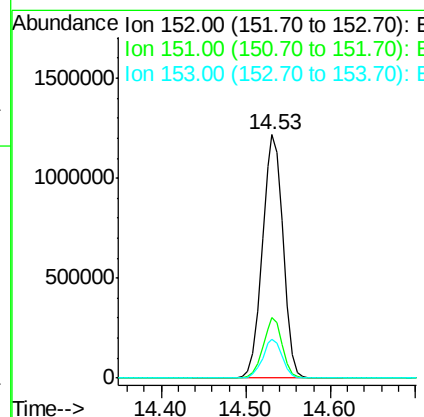
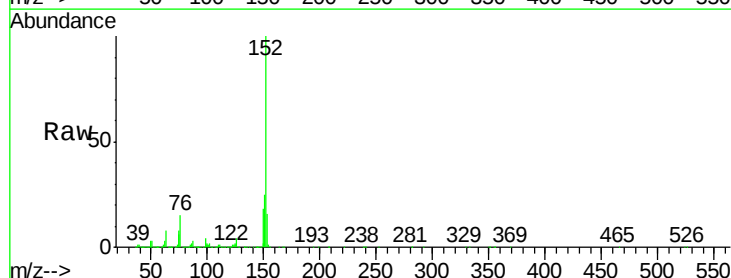
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

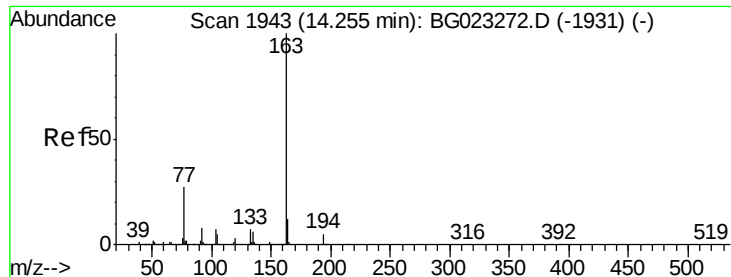
Tgt Ion: 65 Resp: 524093
Ion Ratio Lower Upper
65 100
92 70.0 49.4 74.0
138 88.9 58.0 87.0#



#48
Acenaphthylene
Concen: 44.24 ng
RT: 14.53 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Tgt Ion: 152 Resp: 2091999
Ion Ratio Lower Upper
152 100
151 24.8 17.6 26.4
153 16.1 11.4 17.2





#49

Dimethylphthalate

Concen: 41.60 ng

RT: 14.26 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

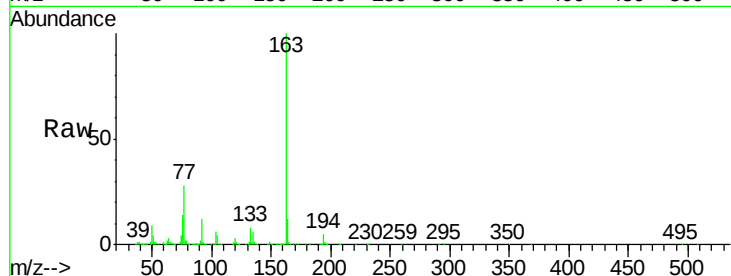
Tgt Ion:163 Resp: 1696486

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

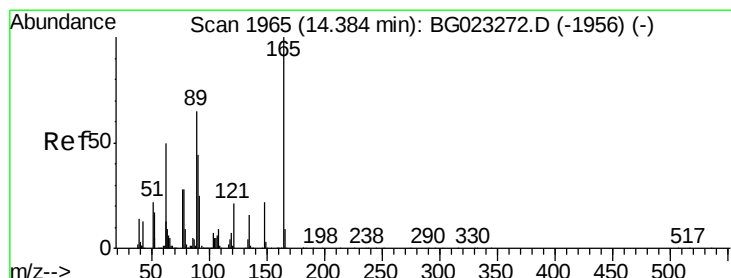
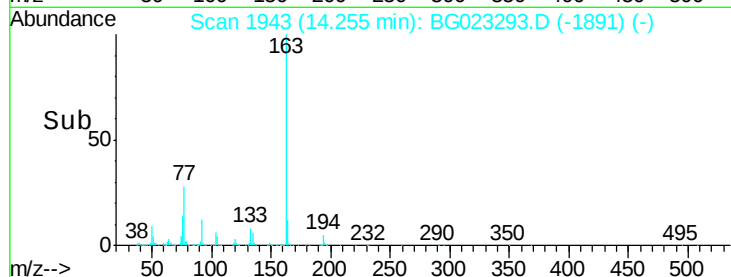
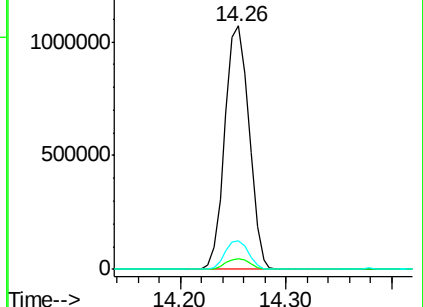
164 12.0 8.1 12.1



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: 42.52 ng

RT: 14.38 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

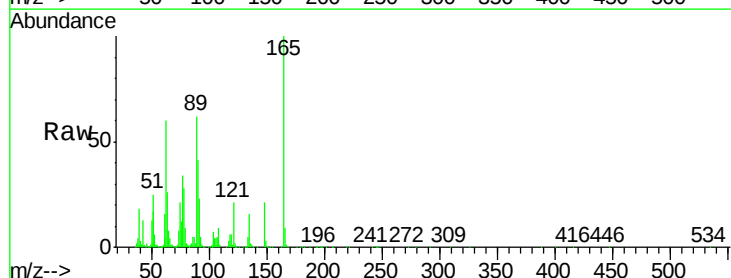
Tgt Ion:165 Resp: 406085

Ion Ratio Lower Upper

165 100

63 60.3 64.3 96.5#

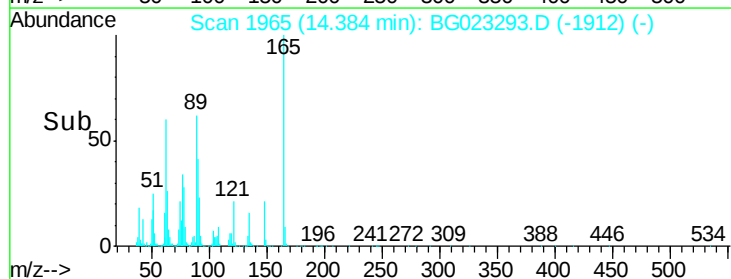
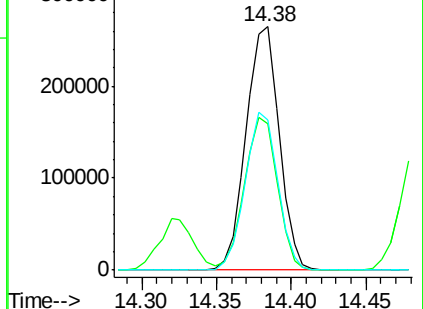
89 61.7 64.3 96.5#

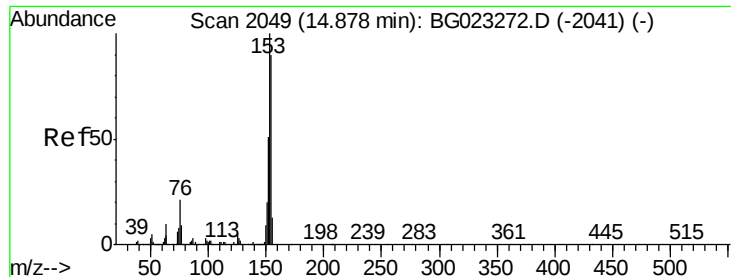


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.75 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

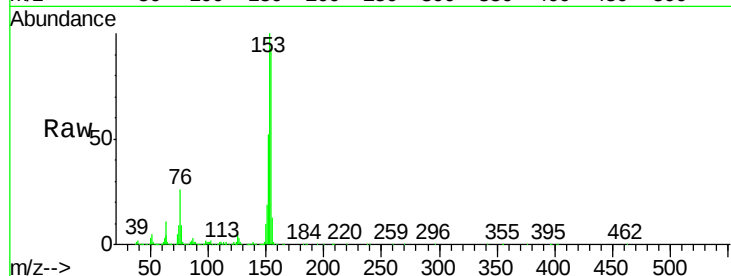
Tgt Ion:154 Resp: 1342092

Ion Ratio Lower Upper

154 100

153 107.8 87.5 131.3

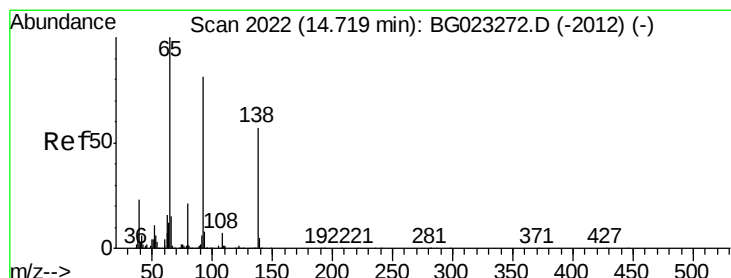
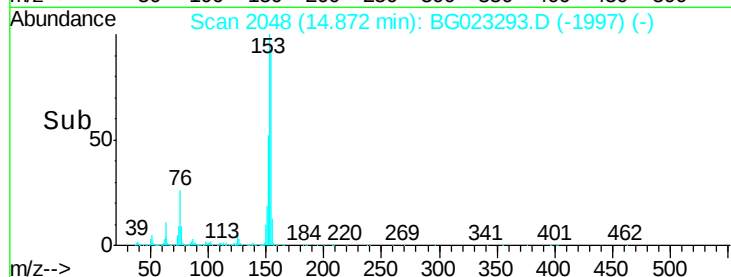
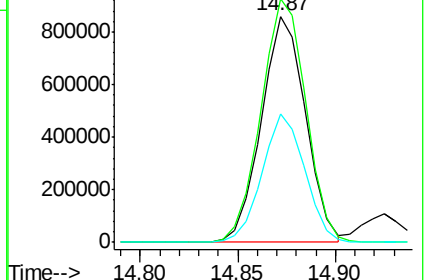
152 56.6 42.7 64.1



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: 43.31 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

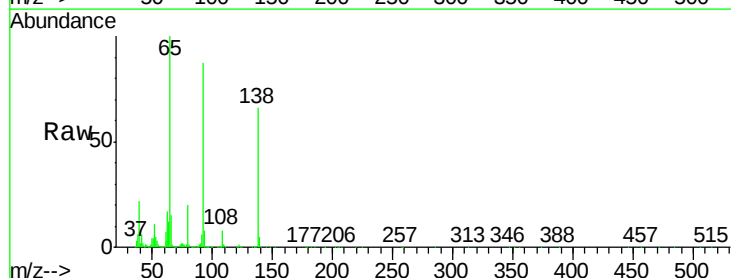
Tgt Ion:138 Resp: 416657

Ion Ratio Lower Upper

138 100

108 12.9 11.7 17.5

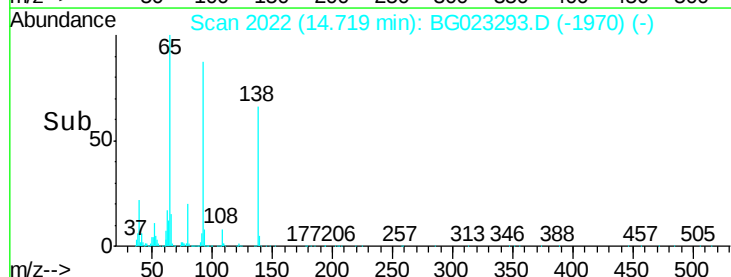
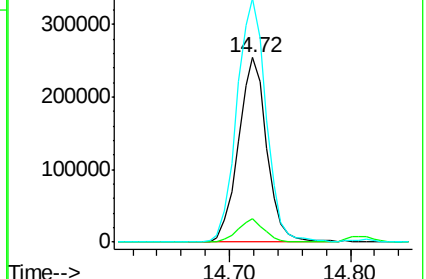
92 132.0 129.7 194.5

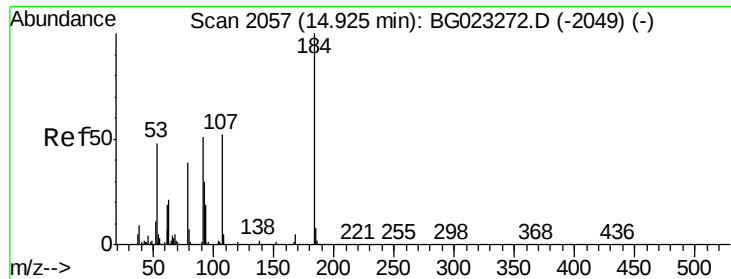


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

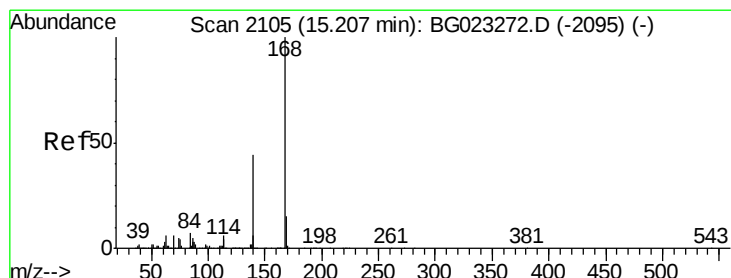
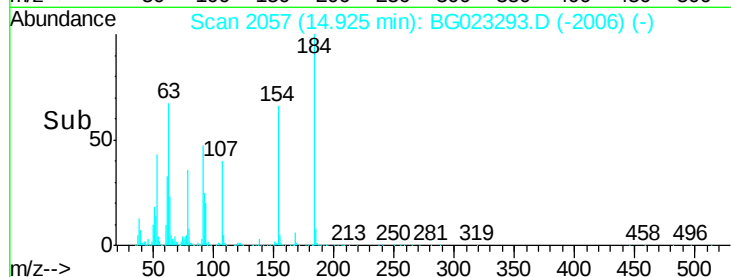
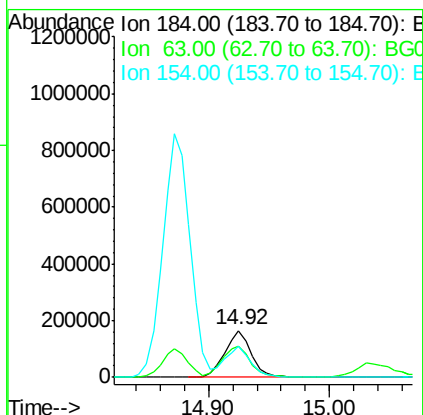
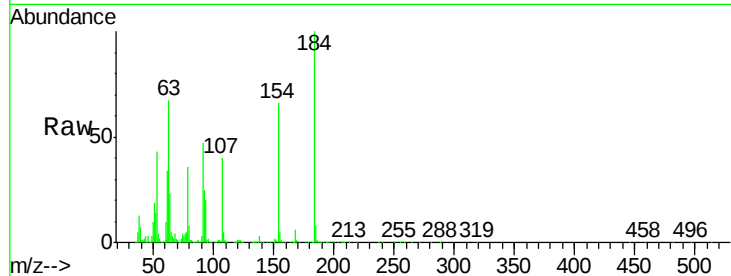




#53
2,4-Dinitrophenol
Concen: 44.64 ng
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

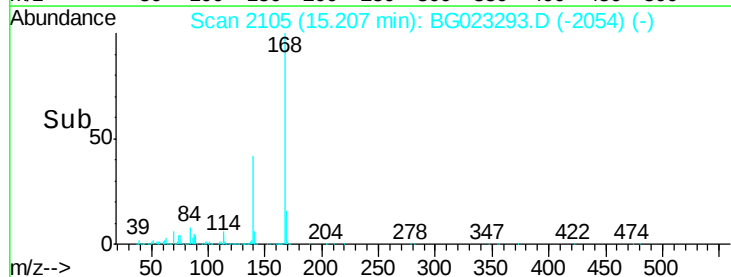
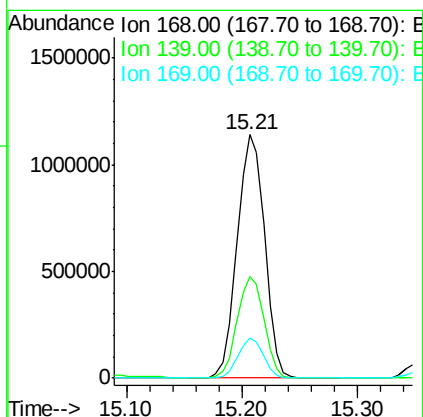
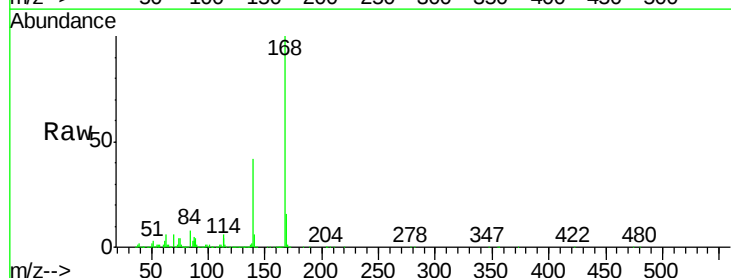
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

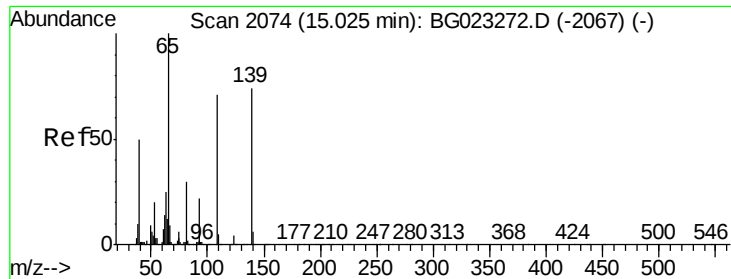
Tgt Ion:184 Resp: 249633
Ion Ratio Lower Upper
184 100
63 67.4 59.6 89.4
154 66.3 67.4 101.0#



#54
Dibenzofuran
Concen: 43.00 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Tgt Ion:168 Resp: 1866227
Ion Ratio Lower Upper
168 100
139 41.9 36.4 54.6
169 16.4 11.9 17.9

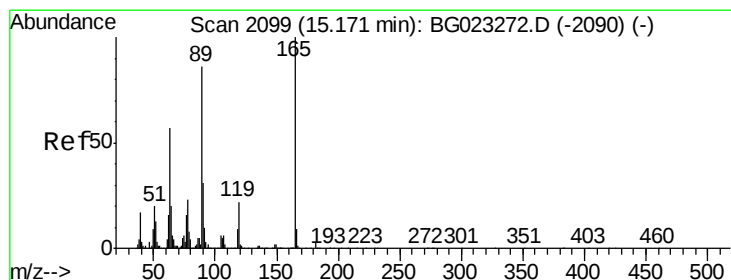
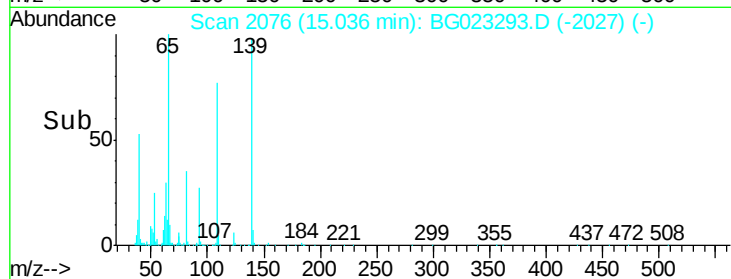
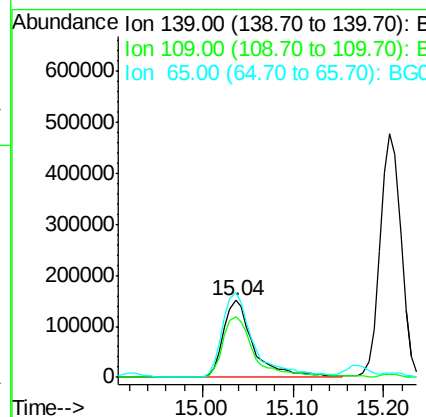
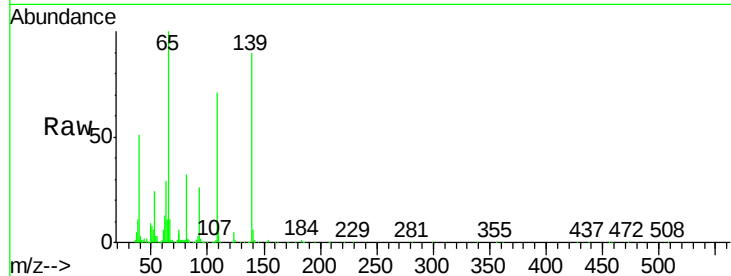




#55
4-Nitrophenol
Concen: 42.19 ng
RT: 15.04 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

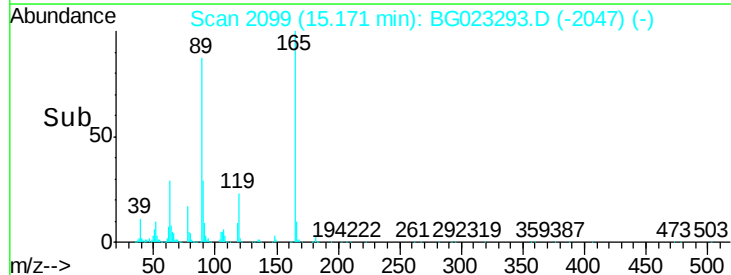
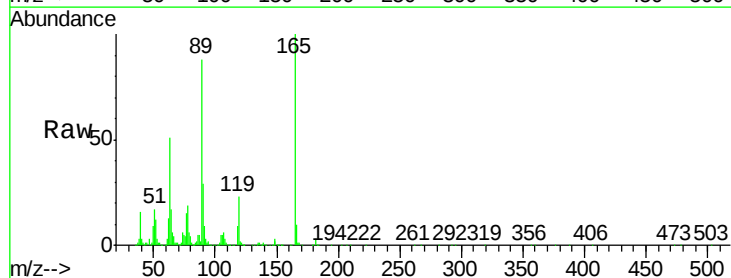
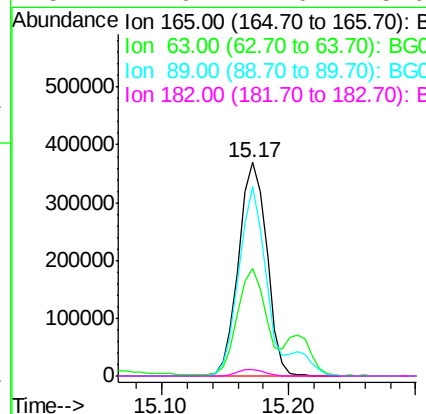
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

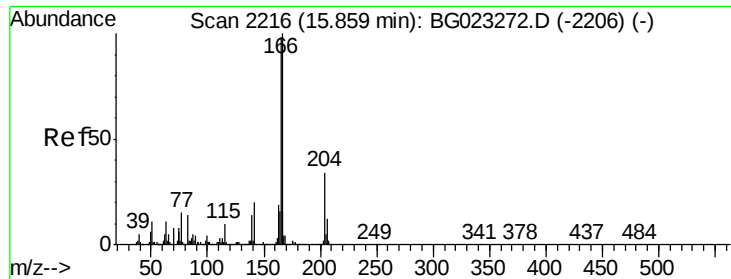
Tgt Ion:139 Resp: 352019
Ion Ratio Lower Upper
139 100
109 78.6 103.0 143.0#
65 111.2 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 42.26 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Tgt Ion:165 Resp: 568268
Ion Ratio Lower Upper
165 100
63 50.5 45.8 68.6
89 88.5 68.6 102.8
182 2.9 2.0 3.0





#57

Fluorene

Concen: 42.72 ng

RT: 15.86 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

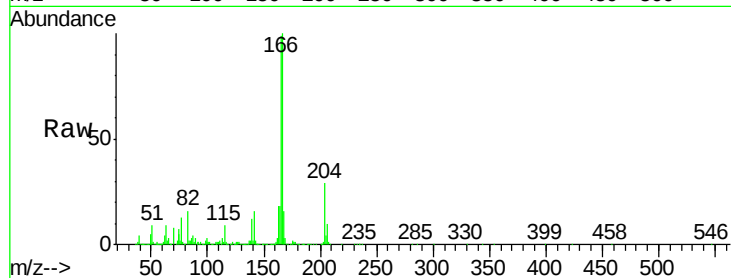
Tgt Ion:166 Resp: 1637336

Ion Ratio Lower Upper

166 100

165 99.4 81.0 121.6

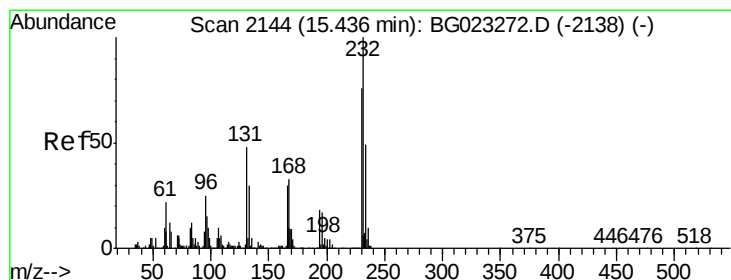
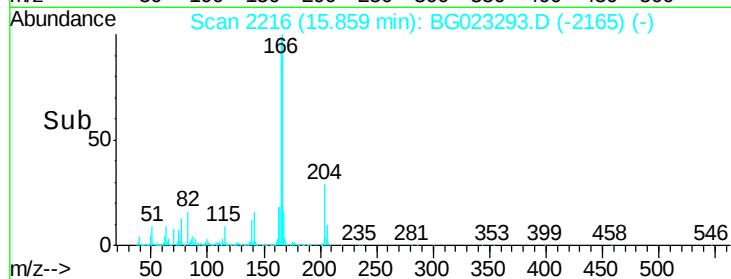
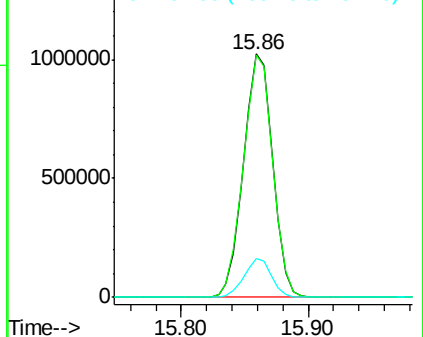
167 16.0 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.93 ng

RT: 15.35 min Scan# 2130

Delta R.T. -0.08 min

Lab File: BG023293.D

Acq: 27 Jul 2016 21:41

Tgt Ion:232 Resp: 424057

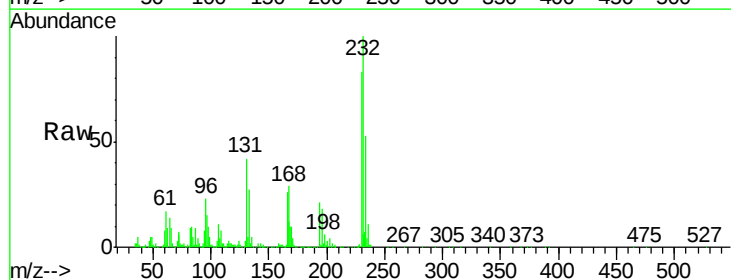
Ion Ratio Lower Upper

232 100

131 41.4 32.7 49.1

130 2.8 2.6 3.8

166 26.7 23.0 34.6

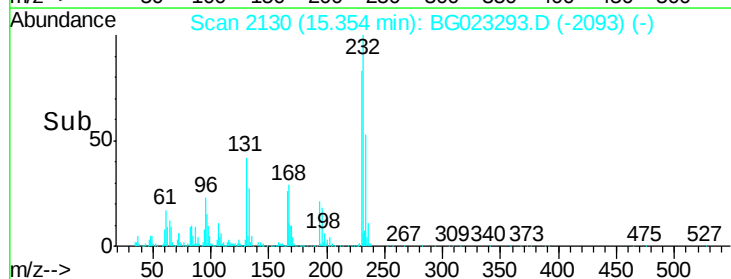
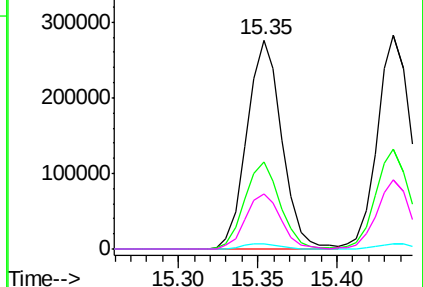


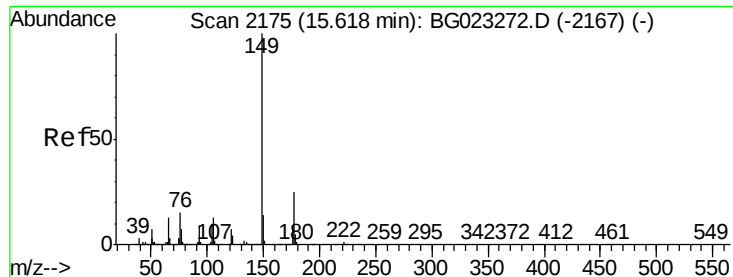
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

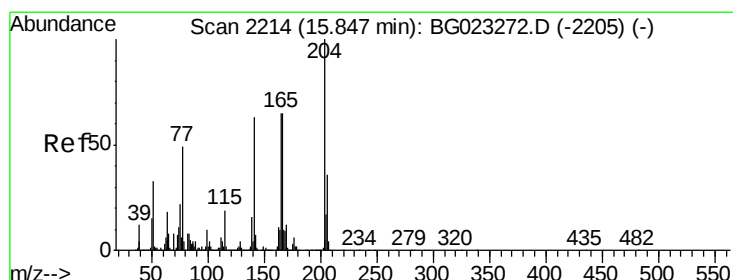
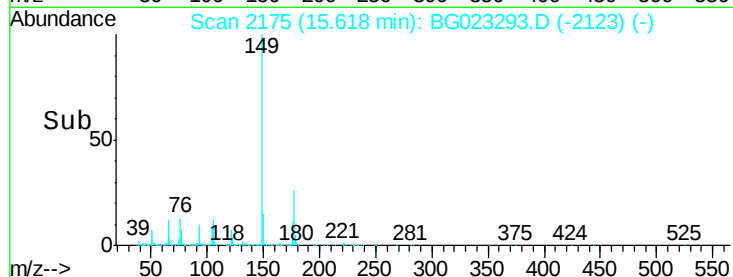
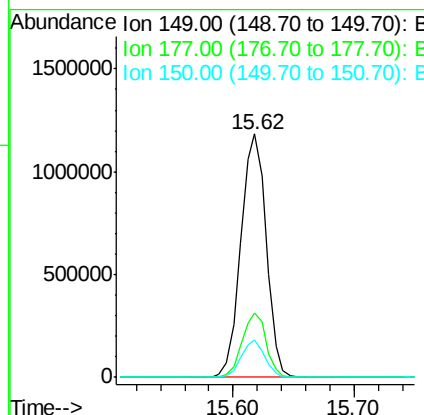
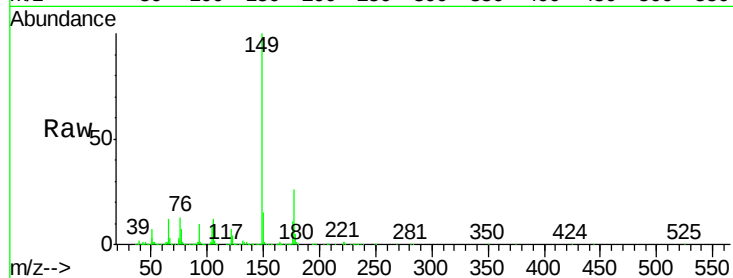




#59
Diethylphthalate
Concen: 41.38 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1728877
Ion Ratio Lower Upper
149 100
177 26.4 19.2 28.8
150 15.2 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 42.31 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023293.D
Acq: 27 Jul 2016 21:41

Tgt Ion:204 Resp: 877882
Ion Ratio Lower Upper
204 100
206 37.1 28.5 42.7
141 61.7 51.4 77.0

